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INTERNATIONAL PROFILES ON MARINE SCIENTIFIC RESEARCH

National Maritime Claims,
MSR Jurisdiction, and
U.S. Research Clearance Histories
for the World's Coastal States

JUDITH FENWICK

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International Marine Science Cooperation Program

WHOI Sea Grant Program
Woods Hole Oceanographic Institution
Woods Hole, MA 02543 USA
1992

*International Profiles on Marine Scientific Research:
National Maritime Claims, MSR Jurisdiction, and U.S. Research
Clearance Histories for the World's Coastal States*

Woods Hole Oceanographic Institution, Woods Hole, MA 02543

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ABSTRACT

The WHOI Sea Grant International Marine Science Cooperation Program has been tracking maritime claims and the evolving jurisdictions over marine scientific research for 146 coastal states covering the past 21 years. This monograph profiles each coastal state (through February 1992) for its Law of the Sea treaty status, size of marine area, claimed maritime zones, breadth and date of claims, maritime boundaries with other coastal states, jurisdiction over marine scientific research specifying national legislation and extent of jurisdiction, and the coastal state's history with U.S. research clearance requests from 1972-90. The coastal state profiles are followed by a series of tables which show the country data from various perspectives and several figures which illustrate the current situation of national maritime claims and regulation of oceanographic research.

INTRODUCTION

THE COASTAL STATE PROFILES

The WHOI Sea Grant International Marine Science Cooperation Program has been tracking maritime claims and the evolving jurisdictions over marine scientific research for the world's coastal states covering the past 21 years. This publication represents the core of a database begun by the International Program in 1987. It is useful in conjunction with the Program's recently published world map, "Maritime Claims and Marine Scientific Research Jurisdiction" (Figure 2, Ross and Fenwick 1992) which illustrates the variety of national maritime claims. This monograph builds on the earlier works of Warren Wooster, John Knauss, and Mary Hope Katsouros who monitored the growth of jurisdiction over oceanographic research and U.S. research experiences under the Law of the Sea in the 1970s and early 1980s. The publication is being distributed worldwide to inform scientists, administrators, research vessel operators, and the ever increasing circle of geographers, lawyers, economists, politicians, and government agencies with interest in the conduct of oceanographic research.

This monograph profiles each coastal state (through February 1992) for:

- its treaty status on 1958 Geneva Conventions and the 1982 UN Convention on the Law of the Sea (UNCLOS III);
- maritime zones claimed, breadth and date of claims, approximate size of marine area;
- maritime boundaries with other coastal states (both potential and resolved boundaries);
- jurisdiction over marine scientific research specifying national legislation, extent of jurisdiction, and specific regulations/expectations of the coastal state;
- the coastal state's history with U.S. research clearance requests, including
 - 1) notices to research vessel operators prepared by the U.S. Department of State on the regulations or communiques of individual countries regarding the conduct of marine scientific research; and
 - 2) the number of U.S. requests submitted annually to each coastal state from 1972 to 1990, the outcome of those requests, and anecdotes where available on the process for each clearance request.

Explanations for each of these sections and their sources are given below as part of "Guide to the Profiles and Data Sources."

The coastal state profiles are followed by a series of tables which show the country data statistically from various perspectives and several figures which illustrate the current situation of national maritime claims and regulation of oceanographic research.

Building the database, from which this publication is culled, has entailed collecting information for an ever-changing number of coastal states. This monograph profiles the 146 coastal states in existence at the end of 1990 and for which U.S. research clearance data were available through 1990.

Since that time, the number of states and information about their maritime claims and jurisdictions have fluctuated with several unifications (East and West Germany, North and South Yemen), and is still in flux as the former Soviet republics claim independence and as Yugoslavia breaks into sovereign states, as North and South Korea negotiate toward possible unification and as four Caribbean island nations (Dominica, Grenada, St. Lucia, and St. Vincent and the Grenadines) discuss unification into one sovereignty. As of this writing (September 1992), there are 151 coastal states and more than 60 overseas parts, territories or dependencies, or more than 210 coastal entities.

As of February 1992, 122 coastal states had claims for maritime zones extending beyond a 12-nm territorial sea. One hundred and seven countries had formal jurisdiction or specific regulations concerning the conduct of marine scientific research in their extended maritime zones (see Figure 1, p. 194). Among those countries with extended maritime claims, only 15 do not have jurisdiction or regulations over marine scientific research (Angola, Benin, Brunei, Cameroon, Congo, Iran, Malta, Namibia, Palau, Somalia, South Africa, Syria, Togo, United States, and Zaire).

THE LAW OF THE SEA AND MARINE SCIENTIFIC RESEARCH

A short history is offered here on why maritime claims and jurisdictions expanded, along with a description of the maritime zones which coastal states have or may claim and of the rights to conduct research therein of foreign nationals (Prescott 1985, 40-41).

For many centuries, the average maritime claim by a coastal state was its territorial sea or the area extending seaward three miles from its coast. Within this territorial sea, the coastal state had complete sovereignty with the exception of the right of innocent passage by foreign vessels. Beyond this area lay the high seas, a vast unregulated area accessible to all, including scientists. Starting with the U.S. Truman Proclamation of 1945 in which the U.S. claimed jurisdiction over the resources of its continental shelf, a move toward expanded maritime claims was begun (see Figure 1). As science and technology advanced in the 1950s and 1960s, marine resources became more economically attractive, and extended maritime claims flourished in order to control coastal fisheries and offshore oil and gas. Jurisdiction over marine research was decades away, but the concept of coastal state sovereignty over natural resources was emerging.

In addition to improved technology for access to marine resources during this period, a new nationalism was on the rise; former colonies became sovereign nations, particularly in the Caribbean, Africa, and the Pacific. These new nations could quickly expand their sovereignty and improve their resource base with claims over vast offshore areas. The Pacific island nation of Kiribati, for example, has a land area of 279 square miles, yet its offshore Exclusive Economic Zone, which it claimed in 1983, puts an area of 770,000 square nautical miles under its jurisdiction including control over the conduct of marine science research within the zone.

For many developing countries, offshore claims brought the pride and responsibilities of jurisdiction and management of possibly valuable offshore areas, but not the technical know-how to assess their resource potential. Some countries with limited oceanographic research capabilities were concerned about losing control over their marine resources if

research by foreign scientists was unrestricted in their offshore areas. Figure 1 shows not only the rapid rise in extended offshore claims from 1975, but also shows the parallel rise in national jurisdiction or regulations over marine research. This issue of controlling research in offshore zones was debated during the Law of the Sea negotiations, and as a result, formal stipulations on the conduct of marine science were included in the treaty.

During the negotiations of the Third UN Conference on the Law of the Sea, which took place from 1973-82, a recipe evolved toward standardizing coastal states' offshore claims. For a coastal state there are five possible zones proceeding seaward to the still uncontrolled area of the high seas: internal waters, territorial sea, contiguous zone, exclusive economic zone, and the continental shelf.

- **Internal waters** include rivers, lakes, lagoons, and ports which fall within the landward side of the baseline from which a coastal state begins the seaward measure of its territorial sea. Within its internal waters, a coastal state has absolute sovereignty and foreign nationals have no rights to conduct research.

- The **territorial sea** is a continuous ribbon of offshore waters measured seaward from a coastal state's baseline in which a state has complete sovereignty with the exception of the right of innocent passage by foreign vessels. The 1982 Law of the Sea treaty offered maximum limits for a state's territorial sea of 12 nautical miles, an expansion of the previous norm of 3 nautical miles. Within the territorial sea foreign nationals can only conduct research with the express consent of the coastal state.

- The **contiguous zone** is a fringe along the edge of the territorial sea (usually an additional 12 nautical miles seaward) in which a country can exercise its jurisdiction over customs, fiscal, immigration and sanitary matters, and when a coastal state claims an exclusive economic zone (EEZ), the contiguous zone overlaps the part of the EEZ closest to shore. The profiles do not cover claims for contiguous zones because most coastal states have maritime claims and overlapping jurisdiction beyond the contiguous zone. China is the major exception with no claims beyond the 24-nm outer limit of its contiguous zone. Foreign nationals possess the rights to conduct research in the water column of this zone if no fishing zone or EEZ have been proclaimed; no research can be conducted, however, on any continental shelf underlying the contiguous zone in such a situation.

- The **exclusive economic zone** is an area beyond but adjacent to the coastal state's territorial waters out to 200 nautical miles (some states still claim a more limited fisheries zone of the same breadth). The EEZ was a new concept of the LOS negotiations, to offer a zone in which a state had sovereign rights, jurisdiction and duties, but not complete sovereignty, over the economic use of resources. In the EEZ foreign nationals can only conduct research with the consent of the coastal state.

- The **continental shelf** is that part of the seabed adjacent to the coast as far as the outer edge of the continental margin. The 1958 Convention on the Continental Shelf vaguely defined a submarine area that coastal states could claim to a water depth of 200 meters or beyond that to depths where natural resources could be exploited; some states still adhere to this definition for their shelf claims. The 1982 LOS Treaty is much less vague, but continues to forsake a geologic definition of the shelf in favor of a legal one. The shelf comprises the seabed and subsoil of the submarine areas that extend beyond the territorial sea to the outer edge of the continental margin, or to a distance of 200 nautical miles from the baselines by which the territorial sea is measured where the outer edge of the continental margin does not extend up to that distance. Many scholars may spend careers interpreting the articles of the LOS Treaty relative to the shelf. National claims are varied, some undeclared. Research by foreign nationals can be conducted in the water column over the shelf, but consent of the coastal state is generally required for research on the seabed.

CONDUCTING MARINE SCIENTIFIC RESEARCH IN THE 21ST CENTURY

For the marine scientist, studying the oceans requires a new awareness of international relations, geopolitics, and the Law of the Sea as marine research ventures farther from local coastal waters into a more global setting. Doing marine research in the international arena carries increasing legal and political constraints: research in foreign waters is now subject to tighter control by coastal countries, the areas under jurisdiction have grown enormously in the past few decades, and stringent regulations on marine research impose more formality and additional funding requirements on scientists and their funding sources. This is part of the new way of "doing business." Our profiles show numerous examples of how marine science has encountered the law of the sea, and how scientists and administrators are accommodating new regulations. These examples too often appear on the negative side, highlighting constraints, because the reports and statistics which quantify the constraints on science are available; unfortunately, the opportunities are not as clearly documented.

Yet, opportunities have increased for improving international collaboration in marine science. The placement of coastal state scientific observers aboard foreign research vessels while research is done in their coastal waters has fostered more binational collaboration, helped develop scientific contacts, and exposed foreign researchers to localized scientific expertise and data. Table 8 lists those coastal states which may request research participation and/or scientific observers aboard during research cruises in their waters. Querying U.S. marine scientists on the numbers and origin of foreign visitors to their institutions would most likely reveal an increase in these numbers as well as an increase in the numbers of U.S. marine scientists doing research on foreign vessels, lending proof to the growth of internationalized oceanographic research.

The precarious balance between internationalized science and national controls over oceanographic research will, however, continue to exist. Most coastal states have modelled their national maritime legislation or regulations on the provisions set forth in the 1982 LOS Treaty. Some states, regardless of their LOS status, have drafted regulations which are inconsistent with the treaty. Others have kept in line with the treaty but have proclaimed more stringent or specific requirements. These requirements are explicated in each profile under "Research Jurisdiction."

Consulting the profile on page 2 for *Algeria*, under the section "Research Jurisdiction", one finds an example where potential regulation of research goes beyond the language suggested by the LOS Treaty (for a short practical description of the provisions concerning marine scientific research in the treaty see, United Nations 1991b). The July 1988 Note from the Permanent Mission of Algeria to the United Nations states that after a research cruise, in which Algerian participation is mandatory, "equipment used may, at conclusion of the mission, be handed over to Algerian researchers. The transfer of technology is an essential element of Algerian practice in this area." Will such potential requirements inhibit researching states from planning cruises which include work in Algerian waters? In the case of Algeria, its waters encompass simply a territorial sea out to 12 nautical miles (which is also its fishing zone). Algeria has explicated its jurisdiction over research in an Exclusive Economic Zone even before such a zone has been claimed or legislated.

In an ideal world, the choice of location for research would be driven purely by the substance of the research. But geographic choices in recent years have been colored by several factors. First, diverse maritime claims require researchers to know the political boundaries the cruise will be crossing and what research regulations may apply (such as in the case of Algeria). Second, the past record of particular countries that consistently deny access or create impediments to research makes U.S. scientists think twice about risking

the advanced planning and preparation time and funding to work there (such as historically with Cuba). Third, political events in certain regions may make them unattractive as the site for oceanographic research (such as Sierra Leone in 1972) or political and/or environmental events may heighten interest in an area (such as the Persian Gulf in 1991-92). Being aware of particular coastal state regulations in planning a research cruise can be crucial.

All of the coastal oceans are under national jurisdiction, including jurisdiction or regulation over research. At the same time the coastal oceans are central to some of the most interesting and environmentally pivotal oceanographic studies, for it is primarily in coastal areas that we observe the upwelling of ocean currents, the input of pollutants and chemicals that affect aquatic life, and human impact on ocean systems. The coastal oceans are the site of most of the living and nonliving resources found in the oceans. Thirty years ago, when large areas of the ocean were still unstudied, scientists who encountered access problems with a particular coastal state could usually find another equally appropriate and accessible site. Current research is now often either site-specific (e.g., hydrothermal vent studies) or requires many sites across an array of political boundaries, as in large-scale international research programs investigating atmosphere-ocean interactions.

As maritime claims have proliferated and increased in size, so has the number of U.S. requests for clearance to conduct research in foreign waters (see Table 1, page 172). These numbers do not cover those cooperative marine science programs that are laboratory-based or those cruises that were arranged outside of official channels (the U.S. State Department), which would include many cruises made prior to the start of the Law of the Sea negotiations (1973-82). Likewise, the rise in research requests as shown in Table 1 does not necessarily reflect an increase in the volume of oceanographic research that is being conducted. It may simply mirror the increased political bureaucracy brought about by the diversity and size of maritime claims and the array of national regulations on marine research.

For U.S. marine scientists, foreign research access requires submitting research clearance requests and proposed cruise itineraries to the U.S. Department of State. The *UNOLS Handbook for International Operations of U.S. Scientific Research Vessels*, compiled by Lee Stevens, is a useful book for scientists, administrators and vessel operators to walk through the procedures and vocabulary for obtaining access to foreign waters. Most coastal states require four to six months advance notice through "official channels", and scientists must then wait for consent to conduct research. Although the response to a research clearance request is usually positive, other responses are possible. When a response from the coastal state is not positive or not even received, the result may be cancellation, postponement, or alteration of the research. The request may be denied, there may be no response from the coastal state, or additional information or changes to the research agenda can be requested. The profiles annotate the outcome of clearance requests submitted by U.S. researchers through official channels from 1972 through 1990. Summaries of the statistics on clearance requests for these 19 years are presented chronologically (Table 1), by coastal state (Table 2), by categories of clearance activity and problems (Table 3), and by region (Table 4).

The possibility toward standardization in the clearance request process was offered at the United Nations by a group of international experts in research vessel clearance procedures. The study published from their 1989 meeting (UN 1991b) contains two draft standard forms suggested for use and reproduced here as Figures 3 and 4 (pages 196-200). Figure 3 is a suggested application to conduct marine scientific research to be submitted by a state for the researching institution, and Figure 4 is a suggested consent form to be used by the coastal state for giving consent. Acceptance and use of these forms by coastal states

and researching states would acknowledge that a certain level of bureaucracy is necessary to complete what has become a complex process. Acceptance would more importantly reduce the bounce-back of applications and delay in approvals from coastal states seeking additional information or clarifying their expectations for approving a clearance request.

GUIDE TO THE PROFILES AND DATA SOURCES

This guide to the profiles offers an explanation and source for each section of the profiles. Each of the 146 coastal states is profiled in five sections: **Treaty Status**, **Marine Jurisdictional Zones**, **Maritime Boundaries**, **Research Jurisdiction**, and **U.S. Research Clearance History**.

The bulk of the data in the profiles comes from two sources: 1) the U.S. Dept. of State's Office of Ocean Affairs (Bureau of Oceans and International Environmental and Scientific Affairs), and 2) from the United Nation's former Office for Ocean Affairs and the Law of the Sea (now the Division for Ocean Affairs and the Law of the Sea under the aegis of the Office of Legal Affairs). Other sources are cited where applicable; for full citation see References.

Treaty Status

- 1958 Geneva Conventions:** indicates date when Coastal State became party to the 1958 Geneva Conventions (Territorial Sea abbreviated after date as "TS" and Continental Shelf as "CS"); both conventions entered into force in 1964; sources--*UN 1991a, Ross and Landry 1987*.
- 1982 UNCLOS III:** Information given indicates status of Coastal State for signature and ratification of 1982 Third UN Convention on the Law of the Sea (not yet in force). A coastal State's treaty status can be considered indicative of the State's policy regarding marine scientific research if the State has not expressed any specific policy on this matter. Source--*UN Law of the Sea Bulletins*.

Marine Jurisdictional Zones

- Marine area:** source--*Smith 1986 (Annex 1)*, except for China and Taiwan.
- Territorial Sea:** indicates breadth and date of latest claim; sources-- *UN 1991a, U.S. Dept. of State, Limits in the Seas # 36, UN LOS Bulletins # 20 and 21*.
- Continental Shelf:** indicates breadth and date of latest claim; sources--*UN 1991a, U.S. Dept. of State, Limits in the Seas # 36*.
- Fisheries Zone:** indicates breadth and date of latest claim; sources--*UN 1991a, U.S. Dept. of State, Limits in the Seas # 36*.
- Exclusive Economic Zone:** indicates breadth and date of latest claim; sources--*UN 1991a, U.S. Dept. of State, Limits in the Seas # 36, UN LOS Bulletins # 20 and 21*.

Maritime Boundaries

- Potential:** source--*U.S. Dept. of State, Limits in the Seas # 108*.
- Resolved:** sources--*U.S. Dept. of State, Limits in the Seas # 108, UN LOS Bulletins*, unless otherwise indicated.

Research Jurisdiction

- Sources--*UN 1989, Smith 1986, UN LOS Bulletins, U.S. Dept. of State Notices to Research Vessel Operators, Nos. 1-102, 1972-1992*.

U.S. Research Clearance History

- U.S. State Dept. "Notices to Research Vessel Operators":**
published aperiodically by State's Office of Ocean Affairs, includes *Nos. 1-102, 1972-1992*.
- U.S. Clearance Requests 1972-90:** Data for each year are categorized as:
- CR = clearance requests, i.e., the number of clearance requests submitted that year by U.S. scientists through official channels (e.g. via U.S. Dept. of State to Argentina's Ministry of Foreign Affairs or Argentine Embassy abroad). Some CR are categorized as DN, CSP, or USP.

- DN = denials, i.e., the number of clearance requests that were denied by the Coastal State; data categorized as DN only when the term "denial" or "denied" was formally used by U.S. State Dept. in annual summaries.
- CSP = coastal state problems, i.e., the number of clearance requests which were not denials but which had problems generated by the Coastal State. Possible problems include late approval by Coastal State resulting in research delay or cancellation, late approval after request for additional information from U.S. was met, no response received to U.S. request oftentimes resulting in cancellation or revision to research, or unusual conditions or fees imposed by the Coastal State.
- USP = U.S. problems, i.e., the number of clearance requests which had problems generated by the U.S. Possible problems include cancellation/delay by U.S. due to funding problems or equipment/ship problems, or approval received although U.S. was late in submitting request within Coastal State required lead-time.

Using the profile of Antigua and Barbuda as an example for applying these categories and looking at the year '85 in the "data box", 8 CR (clearance requests) were submitted by the U.S. in 1985 of which 1 was a CSP; this CSP is annotated in the Comments section to indicate the nature of the Coastal State Problem.

Sources--Data for 1972-78 clearance requests (CR), denials (DN), and anecdotal information under "Comments" from *Wooster 1981*. Data for 1979-90 CR and anecdotal information under "Comments" from U.S. Dept. of State, Office of Ocean Affairs, *Annual Research Clearance Summaries*. Categorization of CR into Coastal State Problems (CSP) or U.S. Problems (USP) done by author based on information in footnotes of State Dept. *Annual Research Clearance Summaries*.

Comments: This section carries information in support of CR data, such as explication of CRs requested for dependencies, overseas territories or parts, listing locations when known (e.g. for CRs to the United Kingdom for dependencies); anecdotes and explanations for arriving at CSP and USP designations; and information from popular sources or personal communication of relevance to the particular Coastal State and its jurisdiction over research.

ACKNOWLEDGMENTS

Several individuals deserve thanks for their continued assistance in the compilation of the data from which the profiles are derived. I thank W. Thomas Cocke of the Office of Ocean Affairs, U.S. Dept. of State, for kindly providing annual research clearance summaries. He has the unenviable task of processing all formal U.S. applications for consent to conduct research in foreign waters (i.e. research clearance requests), which have tripled in number and perhaps in complexity during his tenure at State. Robert Smith of the Office of Ocean Law and Policy at State has supplied valuable information through his scholarly work, *Exclusive Economic Zone Claims* (Smith 1986), through the Limits in the Seas series, and through responses to many questions.

Mary Fisk at the UN Division for Ocean Affairs and the Law of the Sea supplied much information and graciously answered lengthy questions. Her work on compiling national legislation where applicable to marine science and maritime claims has been invaluable. Thanks also go to Mrs. deMarffy of the UN Division for Ocean Affairs and the Law of the Sea for her timely contributions from the UN Law of the Sea Bulletin.

Lastly and most importantly, for intellectual and fiscal support, and for being a good sounding board on this and many other international projects, I thank my mentor, David A. Ross of the Woods Hole Oceanographic Institution.

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ALBANIA

TREATY STATUS

1958 Geneva Conventions: party 12-7-64 (CS)
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 3,600 sq. nm

Territorial Sea: 12 nm TS Claimed: 1990
Continental Shelf: no limits specified in decree of 1970 but as party to Geneva Convention on Continental Shelf, can assume claim of 200 m or to depth of exploitation CS Claimed: 1970
Fisheries Zone: was 12 nm; superseded by TS claim FZ Claimed: 1952
Excl. Economic Zone: not declared EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Greece, Italy, Yugoslavia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)
 Not aware of any specific jurisdiction.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

ALGERIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 40,000 sq. nm

Territorial Sea: 12 nm TS Claimed: 1963
Continental Shelf: not yet declared, but provisions for jurisdiction over MSR on CS have been stated CS Claimed: -
Fisheries Zone: 12 nm FZ Claimed: 1972
Excl. Economic Zone: not yet declared, but provisions for jurisdiction over MSR in EEZ have been stated EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Italy, Morocco, Spain, Tunisia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• "General Information Regarding Marine Scientific Research in Algeria--Note from Permanent Mission of Algeria to the United Nations, 13 July 1988": Algerian practice in the area of marine scientific research complies with the provisions of UNCLOS III. With regard to MSR in the territorial sea, Algeria endorses the provisions of the Convention concerning authorization ("authorization shall take the form of express consent"). Although Algeria has not yet declared an EEZ, its "delimitation should be negotiated peacefully with other Mediterranean coastal States in due course" and provisions for the conduct of MSR in the EEZ have been set forth in this Note to the UN. These provisions include: jurisdiction over MSR in the EEZ and in the case of research activities by non-nationals in the EEZ or on the continental shelf, there will be mandatory Algerian participation on board research vessels "when practicable"; dissemination of the information "constitutes an obligation" and includes "providing preliminary reports after completion of research and making samples, data and results available to Algeria. Assistance in interpreting results must be provided.... Equipment used may, at conclusion of the mission, be handed over to Algerian researchers. The transfer of technology is an essential element of Algerian practice in this area."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time. Algeria has stated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction (see Research Jurisdiction above).

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	1
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	2	87 CR	0	88 CR	1	89 CR	0	90 CR	0	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	2	87 CSP	0	88 CSP	1	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				
										TOTAL DN		0	
										TOTAL CSP		4	
										TOTAL USP		0	

Comments:

1978: 1 CSP=anecdotal information unavailable.

1986: 2 CSP=CRs not approved due to insufficient lead-time.

1988: 1 CSP=research approved initially by Algeria; Dept. of State was advised, however, at last minute that Algeria would not allow vessel inside territorial waters.

ANGOLA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 12-5-90

MARINE JURISDICTIONAL ZONES

Marine area: 176,600 sq. nm

Territorial Sea: 20 nm	TS Claimed: 1975
Continental Shelf: not declared	CS Claimed: -
Fisheries Zone: 200 nm	FZ Claimed: 1975
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Congo, Namibia (under South African administrative control), Zaire (2)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; Angola signed and ratified UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

Was overseas province of Portugal until independence in 1975. CR data included with Portugal for 1972-75.
 1987: CR not submitted to Angola for political reasons.

ANTIGUA AND BARBUDA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 2-7-83, ratified 2-2-89

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm	Marine area: 32,100 sq. nm
Continental Shelf: 200 nm or edge continental margin	TS Claimed: 1982
Fisheries Zone: 200 nm	CS Claimed: 1982
Excl. Economic Zone: 200 nm	FZ Claimed: 1982
	EEZ Claimed: 1982

MARITIME BOUNDARIES

POTENTIAL: France (Guadeloupe-2), St. Kitts/Nevis, United Kingdom (Anguilla and Montserrat)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)
 • Territorial Waters Act 1982, Act No. 18, 17 August 1982: jurisdiction with regard to marine scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0																								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0																								
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0																								
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0																								
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	1	85 CR	8																								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0																								
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1																								
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0																								
86 CR	4	87 CR	3	88 CR	2	89 CR	4	90 CR	3	TOTAL CR		26																									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0																												
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0																												
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0																												
										TOTAL DN		0																									
																						TOTAL CSP		1													
																																		TOTAL USP		0	

Comments:

Was possession of United Kingdom until independence in 1981.
 1985: 1 CSP-approval after submission of amplifying information.

ARGENTINA

TREATY STATUS

1958 Geneva Conventions: not party
1982 UNCLOS III: signed 10-5-84

MARINE JURISDICTIONAL ZONES

Marine area: 339,500 sq. nm

Territorial Sea:	12 nm (was 200 nm from 1967-91)	TS Claimed: 1991
Continental Shelf:	200 nm or to edge of continental margin; 11/22/91 decree claims continental shelf for commercial development, including Islas Malvinas/Falkland Islands	CS Claimed: 1991
Fisheries Zone:	was 200 nm; superseded by EEZ legislation	FZ Claimed: 1967
Excl. Economic Zone:	200 nm	EEZ Claimed: 1991

MARITIME BOUNDARIES

POTENTIAL: United Kingdom re Falkland Is. [Falklands/Islas Malvinas also claimed by Argentina—see Research Jurisdiction and Comments sections below]

RESOLVED: Chile (1985 re: Beagle Channel); for CONTINENTAL SHELF—Uruguay (1974)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Act No. 20,489 of 23 May 1973 Regulating Scientific and Technical Research Activities Conducted by Foreigners and International Organizations: Scientific and technical research activities contemplated by foreign persons or international organizations in waters subject to national sovereignty and in the sea-bed and subsoil of the submarine zones adjacent to Argentine territory...may be carried out only with prior authorization of the National Executive Power. Authorization shall be granted through the Commander-in-Chief of the Navy; whenever research activities are within competence of other State, national or provincial agencies, the authorization shall be granted through them, and the Commander-in-Chief shall be notified. The agency shall receive a copy of the data or samples produced and shall have access to all the information derived from the research, and to its interim and final results, and it may appoint representatives to observe the operations. The agency may require that Argentine experts with instructions to attend or take part in the work shall be carried on board the components used in the research activities.
- Decree No. 4915, 23 May 1973, Regulating Scientific and Technical Research Activities Conducted by Foreigners and International Organizations: Research application must be submitted through official channels (Ministry of External Relations via Argentine embassies) 180 days before start date of activities. The Executive Power shall rule on it within 60 days of receiving the application; an applicant who has received no reply to his request within this period must regard it as rejected.
- Diplomatic Note 4-03-75—regulations governing scientific research on the continental shelf.
- Decree No. 190 of 7 February 1977—rules governing pure and applied scientific research in preparation for exploitation of fisheries south of latitude 40°.
- Statement on the conservation of fisheries between the Government of Argentine Republic and the Government of the United Kingdom of Great Britain and Northern Ireland, 28 November 1990: the two governments agreed to establish a "South Atlantic Fisheries Commission" (with delegates from both states); the maritime area which the Commission will consider in relation to the conservation of the most significant offshore species will be waters between latitude 45°S and latitude 60°S; the commission will propose to both Governments joint scientific research work on the most significant offshore species.
- Act. No. 23,968 of 14 August 1991: [NB: This legislation most likely crafted with a view to offshore oil/gas development in the vicinity of the Malvinas/Falkland Islands; no direct mention of jurisdiction in EEZ over MSR.] The law stipulates new limits of and rights within territorial sea, contiguous zone (24nm), exclusive economic zone (EEZ), and continental shelf. In the EEZ Argentina shall have sovereign rights for purpose of exploring and exploiting, conserving and managing natural resources (living or non-living); and sovereign rights with regard to other activities for economic exploitation and exploration of the zone, such as the production of energy from the water, currents and winds.
- Decree of 22 November 1991 claims all of Argentine continental shelf for commercial development including Malvinas/Falkland Islands (see Comments section below).

ARGENTINA

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1975: #21 (Requirements for Scientific Research Vessel Clearances)

1978: #50 (Embassy report)

1989: #85 (Foreign participation aboard U.S. Research Vessels: Argentina has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

1990: #68[4] (Lead-time for Clearance Requests is 7 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	0	74 CR	0	75 CR	2	76 CR	1	77 CR	0	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	3	82 CR	0	83 CR	0	84 CR	3	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	1	85 CSP	0
79 USP	1	80 USP	0	81 USP	1	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	3	87 CR	0	88 CR	5	89 CR	2	90 CR	0	TOTAL CR 24 TOTAL DN 0 TOTAL CSP 5 TOTAL USP 3			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	1	87 CSP	0	88 CSP	2	89 CSP	1	90 CSP	0				
86 USP	0	87 USP	0	88 USP	1	89 USP	0	90 USP	0				

Comments:

1979: 1 USP=cruise postponed.

1981: 1 USP=cruise cancelled; personnel problems.

1984: 1 CSP=approval not received until 1 week into cruise.

1986: 1 CSP=1 CR for So. Georgia Island not forwarded by U.S. State Dept. owing to UK/Argentina disputed claim.

1988: 2 CSP=1 late approval on day of ship's departure, research conducted; 1 research cancelled in Argentine waters and in disputed area near Malvinas/Falklands owing to late response from Argentina and UK.

1 USP=cancelled due to lack of funding.

1989: 1 CR for Malvinas/Falkland Islands

1 CSP=major problem regarding Argentine participation disrupted ship schedule.

1990: See Research Jurisdiction section above re: newly established South Atlantic Fisheries Commission (with delegates from Argentina and UK); the maritime area which the Commission will consider in relation to the conservation of the most significant offshore species will be waters between latitudes 45°S and 60°S.

1991: Decree of 22 November 1991 claims all of Argentine continental shelf for commercial development including Malvinas/Falkland Islands. Britain in late 1991 relaxed its insistence that no Argentine war ship come within 75 miles of the islands to a new limit of 15 miles; and Britain in November 1991 opened the waters around the Malvinas/Falkland Islands to oil exploration (see UNITED KINGDOM entry for more information).

AUSTRALIA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 5-14-63 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm; was 3 nm
Continental Shelf: 200 nm or edge continental margin (pending)
Fisheries Zone: was 200 nm; superseded pending EEZ claim
Excl. Economic Zone: 200 nm (pending)

Marine area: 1,854,000 sq. nm
TS Claimed: 1990
CS Claimed: 1992
FZ Claimed: 1979/80
EEZ Claimed: 1992

MARITIME BOUNDARIES

POTENTIAL: Indonesia (2), New Zealand (2)
RESOLVED: France (1983 for New Caledonia), for Heard and McDonald I.; France (1983 for Kerguelen I.); Papua New Guinea (1985); for **CONTINENTAL SHELF**--Indonesia (1973), Solomon Islands (1988); for **FISHERIES ZONE**--Indonesia (1981), Solomon Islands (1988)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Continental Shelf Act, 1968-73: Minister may grant permit to authorize search for and taking of, for scientific purposes, sedentary organisms in area of continental shelf.
- 1972 Note from Department of Foreign Affairs: Approval is required for research vessels intending to undertake marine scientific research in the territorial sea, on the continental shelf (including seismic profiles) or to conduct research related to fisheries in the Australian Fishing Zone.
- 1983 Guidelines and Procedures (from Ministry of Foreign Affairs) for Foreign Research Vessels, relating to visits to Australian (including territories) ports either for port calls or for research in territorial sea, fishing zone, or on continental shelf.
- Proposed 1992 legislation on establishment of Exclusive Economic Zone (received Cabinet-level approval 1991): In addition to extending Australian jurisdiction from the rights previously claimed in its 200-nm Fishing Zone to the exercise of full Exclusive Economic Zone rights, the proposed legislation may claim jurisdiction over MSR, may revise definition of continental shelf FROM area 200 m or to depth of exploitation TO 200 nm or to edge of continental margin. (Source: Greg French 1992)

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1972: #04 (Prior approval for entry in Australian ports)
- 1978: #50 (Embassy report gives regulations for MSR, including provisions for Australian participation)
- 1990: #68[4] (Lead-time for Clearance Requests is 7 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	1	75 CR	1	76 CR	1	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	2	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	1	85USP	1
86 CR	2	87 CR	2	88 CR	1	89 CR	0	90 CR	2	TOTAL CR		16	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	1	TOTAL USP		3	

Comments:

Data for Papua New Guinea included in 1972-78 time period.
 1984: 1 USP=research cancelled; ship problem.

AUSTRALIA

1985: 1 USP-complicated clearance request due to major schedule changes.

1990: 1 USP-Clearance request received from researchers 3 months late, consequently approval was not received until 3 days prior to ship's departure.

BAHAMAS

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 7-29-83

MARINE JURISDICTIONAL ZONES

Marine area: 221,400 sq. nm

Territorial Sea:	3 nm	TS Claimed:	1878
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1970/77
Fisheries Zone:	200 nm	FZ Claimed:	1977
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

POTENTIAL: Cuba, Haiti, United Kingdom (for Turks and Caicos), United States

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Fisheries Resources (Jurisdiction and Conservation) Act 1977: Authorization and permit required for foreign fishing that is conducted for scientific or research purposes in the exclusive fishery zone.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1978: #50 (Embassy report)
 - 1980: #60 (Clearance Requests must be accompanied by cruise plans and track)
 - 1991: #66(1) (Post Cruise Obligations): The Bahamas is among several coastal States requesting multiple copies of all post-cruise reports and other publications (3 copies)
 - #99 (Revised Conditions for Conducting Marine Scientific Research in Bahamian Waters): includes condition that the right be reserved by the Bahamian Government to appoint an observer/participant to the planned research trip; and that along with 3 copies of all papers and published reports or books and final report resulting from the trip, that one copy of data samples, magnetic tapes, etc. will be sufficient.
- When submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	2	73 CR	0	74 CR	2	75 CR	4	76 CR	4	77 CR	2	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	1	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	1	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	1	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	3	80 CR	4	81 CR	5	82 CR	4	83 CR	5	84 CR	7	85 CR	10
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	1	83 CSP	0	84 CSP	0	85 CSP	1
79 USP	1	80 USP	1	81 USP	1	82 USP	0	83 USP	1	84 USP	1	85 USP	0
86 CR	11	87 CR	8	88 CR	14	89 CR	11	90 CR	20	TOTAL CR		118	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	1	89 CSP	0	90 CSP	0	TOTAL CSP		5	
86 USP	2	87 USP	0	88 USP	0	89 USP	1	90 USP	1	TOTAL USP		10	

Comments:

- 1972: 1 CSP=Anecdotal information unavailable.
- 1974: 1 USP=In June, operator requested clearance for seabed work in Nov.; State Dept. forwarded request in Oct. Bahamas tried to work out arrangements, but ultimately refused permission.
- 1976: 1 CSP=Anecdotal information unavailable.

BAHAMAS

- 1979: 1 USP=cancellation by operating institution.
1980: 1 USP=same as 1979.
1981: 1 USP= cancellation due to funding problems.
1982: 1 CSP-CR finally approved after submission of amplifying information.
1983: 1 USP=cancellation due to vessel problems.
1984: 1 USP=approval received after working out problems in area of research which was under commercial oil lease.
1985: 1 CSP-CR approved after submission of amplifying information.
1986: 2 USP=1 CR approved with short lead-time; 1 CR not submitted by U.S. embassy since it was submitted without sufficient prior notice.
1988: 1 CSP=ship required by Bahamain authorities to enter port and explain presence in Bimini despite prior approval.
1989: 1 USP= CR approved even though ship's schedule revised four times.
1990: 1 USP=Research was cancelled after approval was received from Bahamas

BAHRAIN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 5-30-85

MARINE JURISDICTIONAL ZONES

Marine area: 1,500 sq. nm

Territorial Sea:	3 nm	TS Claimed:	1949?
Continental Shelf:	limits specified through boundary agreements with Saudi Arabia, Iran	CS Claimed:	1949
Fisheries Zone:	not declared	FZ Claimed:	-
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

POTENTIAL: Qatar
 RESOLVED: for CONTINENTAL SHELF--Saudi Arabia (1958), Iran (1972)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N N MSR Regulations other than Jurisdiction? N N (See below)

Not aware of any formal jurisdiction over MSR; Bahrain signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	1	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1983: 1 CSP=no approval received; research discontinued.

BANGLADESH

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: outer limits of the continental margin
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 22,400 sq. nm
TS Claimed: 1974
CS Claimed: 1974
FZ Claimed: -
EEZ Claimed: 1974

MARITIME BOUNDARIES

POTENTIAL: Burma, India

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Territorial Waters and Maritime Zones Act, 1974, 13 April 1974, Article 7: License or permission required to conduct research within limits of the continental shelf.
- Marine Fisheries Ordinance, 1983: Bangladesh fisheries waters means the territorial waters and economic zone declared in 1974 act (above); the government may, in writing and subject to such terms and conditions...exempt from all or any of the provisions of this Ordinance...any vessel or person undertaking research into marine fisheries or other marine living resources in Bangladesh fisheries waters.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				
										TOTAL DN 0			
										TOTAL CSP 0			
										TOTAL USP 0			

Comments:

No U.S. clearance request activity from 1972 to present.

BARBADOS

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 48,800 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1979
Continental Shelf:	not declared	CS Claimed: -
Fisheries Zone:	not declared	FZ Claimed: -
Excl. Economic Zone:	200 nm	EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: France (2-Guadeloupe & Martinique), St. Lucia, St. Vincent/Grenadines, Trinidad & Tobago

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Marine Boundaries and Jurisdiction Act, 1978, 1 January 1979: jurisdiction over the authorization, regulation, or control of scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	2	74 CR	3	75 CR	0	76 CR	1	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	1	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	1	81 CR	3	82 CR	1	83 CR	5	84 CR	5	85 CR	8
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	1	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	2
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	1
86 CR	5	87 CR	3	88 CR	7	89 CR	5	90 CR	3	TOTAL CR		55	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	3	89 CSP	0	90 CSP	0	TOTAL CSP		7	
86 USP	0	87 USP	1	88 USP	1	89 USP	1	90 USP	0	TOTAL USP		4	

Comments:

CR data for 1972-78 includes data for Grenada as well.

1976: 1 CSP=Anecdotal information unavailable.

1981: 1 CSP=research cancelled; clearance received too late.

1985: 2 CSP=1 CR with unspecified problems, Barbados dropped from research plans; 1 approval after submission of amplifying information.

1 USP=Request cancelled by researcher due to lack of data from previous cruises.

1987: 1 USP=request cancelled owing to project revisions.

1988: 3 CSP=1 approval received one week after ship's departure, the day before ship was scheduled to begin research in Barbados waters; 1 approval not received until ship arrived in area, research conducted on slightly delayed schedule; 1 research delayed several days awaiting special conditions of approval for research proposed in reef areas.

1 USP=ship change--MT. MITCHELL replaced RESEARCHER for this Global Change cruise.

1989: 1 USP=CR cancelled after major revisions involving vessels and several schedule changes.

BELGIUM

TREATY STATUS

1958 Geneva Conventions: party 2-5-72 (TS)
 1982 UNCLOS III: signed 12-5-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: equidistant line
Fisheries Zone: equidistant line
Excl. Economic Zone: not declared

Marine area: 800 sq. nm
TS Claimed: 1987
CS Claimed: 1969
FZ Claimed: 1978
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: France, Netherlands, United Kingdom
RESOLVED: for TERRITORIAL SEA and CONTINENTAL SHELF-France (1990)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Note to the United Nations of 1 November 1988 on Regulations Governing Scientific Research in Waters under Belgian Jurisdiction: [Research] missions to be carried out in territorial waters are subject to express consent of Belgian authorities; MSR conducted in field of fishery, outside of territorial sea, is basically unrestricted, but notification concerning activities is required through Ministry of Foreign Affairs three months before start of proposed work. Results and conclusions of the research shall be communicated to the Min. of Foreign Affairs.
- Research pertaining to natural resources subject to grant of concession determined by Continental Shelf Act of 13 June 1969 and by Royal Decrees of 7 October 1974, 22 April 1977, and 16 May 1977.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			TOTAL DN	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0			TOTAL CSP	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0			TOTAL USP	

Comments:

No U.S. clearance request activity from 1972 to present.

BELIZE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 8-13-83

MARINE JURISDICTIONAL ZONES

Marine area: 8,100 sq. nm

Territorial Sea: 12 nm except in southern area bordering on Guatemala where TS has historically been 3 nm (from the mouth of Sarstoon River to Ranguana Caye) **TS Claimed:** 1992

Continental Shelf: declared; limits not specified; with ratification of LOS treaty, may assume 200 nm or edge continental margin; 1992 Maritime Areas Act 1992 does not define or delimit continental shelf **CS Claimed:** 1950

Fisheries Zone: not declared **FZ Claimed:** -

Excl. Economic Zone: 200 nm or to equidistance line between Belize and adjacent State; the area beyond the southern 3-nm TS, Belize claims as part of its EEZ **EEZ Claimed:** 1992

MARITIME BOUNDARIES

POTENTIAL: Honduras, Mexico; for TERRITORIAL SEA--Guatemala
 RESOLVED: for EEZ--Guatemala (1992)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Fisheries Ordinance (amended 1972), Section 5D: License required for scientific or fisheries research operations in Belizean territorial waters.
- Maritime Areas Act, 1992: Defines and delimits the territorial sea, internal waters and Exclusive Economic Zone; Belize has jurisdiction in the EEZ with regard to "maritime" scientific research; no person shall conduct any marine scientific research except when authorized by Minister for Foreign Affairs; regulations may be made with respect to regulating the conduct of scientific research and hydrographic surveying within the territorial sea and with respect to regulating the conduct of scientific research within the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1972: #07 (Fisheries Ordinance amendment re: license required for fisheries research)
 1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72CR	0	73CR	0	74CR	0	75CR	0	76CR	0	77CR	0	78CR	0
72DN	0	73DN	0	74DN	0	75DN	0	76DN	0	77DN	0	78DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79CR	0	80CR	0	81CR	1	82CR	0	83CR	0	84CR	1	85CR	3
79DN	0	80DN	0	81DN	0	82DN	0	83DN	0	84DN	0	85DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	1	85USP	0
86CR	1	87CR	2	88CR	1	89CR	0	90CR	2	TOTAL CR		11	
86DN	0	87DN	0	88DN	0	89DN	0	90DN	0	TOTAL DN		0	
86CSP	1	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		2	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		1	

Comments:

Belize included with United Kingdom CR data for 1972-78 as British Honduras; independent as of 1981.

1984: 1 USP=cancellation due to change in research plans.

1985: 1 CSP=approval not received due to short lead-time.

1986: 1 CSP=Belize did not reply to request.

BENIN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 8-30-83

MARINE JURISDICTIONAL ZONES

Marine area: 7,900 sq. nm

Territorial Sea:	200 nm	TS Claimed:	1976
Continental Shelf:	was 100 nm but superseded by TS law	CS Claimed:	1968
Fisheries Zone:	200 nm	FZ Claimed:	1976
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

POTENTIAL: Ghana, Nigeria, Togo

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Benin with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 1 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

BRAZIL

TREATY STATUS

1958 Geneva Conventions: not party
1982 UNCLOS III: signed 12-10-82, ratified 12-22-88

MARINE JURISDICTIONAL ZONES

Marine area: 924,000 sq. nm

Territorial Sea:	12 nm assumed under new constitution, awaiting legislation; was 200 nm	TS Claimed: 1988
Continental Shelf:	200 m or to depth of exploitation	CS Claimed: 1968
Fisheries Zone:	200 nm	FZ Claimed: 1971
Excl. Economic Zone:	200 nm assumed under new constitution, awaiting legislation	EEZ Claimed: 1988

MARITIME BOUNDARIES

RESOLVED: France (1983 for French Guiana), Uruguay (1975)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Decree Law No. 62,837, 6 June 1968: defines continental shelf in the context of research.
- Decree No. 96,000 of 2 May 1988, on the conduct of research and scientific investigation on the continental shelf and in waters under Brazilian jurisdiction and on foreign research vessels and aircraft visiting Brazilian ports or airports or in transit through Brazilian territorial waters: covers extensive restrictions on conduct of marine science research by foreigners (see NTRVO's #84 and #96 below).
- Brazil adopted a new constitution on 5 October 1988 which included establishing a territorial sea and an Exclusive Economic Zone (limits not yet specified, nor rights therein). Since Brazil has signed and ratified UNCLOS III, it could be assumed that Brazil intends to establish the limits of its territorial sea and EEZ at 12 nm and 200 nm respectively. As to jurisdiction over MSR, UNCLOS III iterates in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Noticas to Research Vessel Operators" (NTRVO) on this country:

- 1976: #28 (Research Vessel Clearance Requirements)
- 1982: #64 (Requirements for Oceanographic Research)
- 1988: #82 (Revised Regulations for Port Calls in Brazil by Research Vessels): superseded by NTRVO #97.
- 1989: #84 (Requirements for Oceanographic Research: documentation must be in Portuguese; research should be cooperative w/copy of agreement; 90-day prior notice for Brazilian port calls even if not conducting research in Brazilian waters; prepublication approval for resource-related data; US/Portuguese interpreter required aboard vessels; this notice cancels NTRVO #64)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Brazil has stated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
- 1990: #68[4](Lead-time for Clearance Requests is 7 months and per U.S. State Dept., "requests must be submitted through official channels")
- #96 (Additional information relative to obtaining permission to conduct marine scientific research), supplements NTRVO #84: authorization for scientific research and investigation by foreign parties will only be granted on the basis of prior contracts, agreements, or exchange programs with Brazilian scientific institutions. If no prior contact with Brazilian institutions has been made, before sending clearance requests through U.S. Dept. of State, Embassy of Brazil advises contact with the following institutions:
 - Coordenacao Brasileira dos Programas WOCE e TOGA

BRAZIL

Inst. Oceanografico da USP, Cidade Universitaria--Butantan
05508 San Paulo, BRASIL (FAX: [011] 210 3092) or

• Coordenacao Nacional do Programa de Geologia e Geofisica Marinha

Inst. Oceanografico da USP, Cidade Universitaria--Butantan

05508 San Paulo, BRASIL (FAX: same as above)

#97 (Regulations for Research Vessels calling at Brazilian Ports when not engaged in Research in
Brazilian Waters): lead-time requirement for port calls only is 4 months prior

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72CR	2	73CR	0	74CR	2	75CR	2	76CR	3	77CR	4	78CR	2
72DN	0	73DN	0	74DN	0	75DN	0	76DN	0	77DN	2	78DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	1	76CSP	1	77CSP	1	78CSP	1
72USP	0	73USP	0	74USP	1	75USP	0	76USP	0	77USP	0	78USP	0
79CR	4	80CR	0	81CR	0	82CR	5	83CR	3	84CR	4	85CR	7
79DN	1	80DN	0	81DN	0	82DN	0	83DN	0	84DN	1	85DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	1	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	3	83USP	0	84USP	0	85USP	3
86CR	4	87CR	2	88CR	4	89CR	6	90CR	6	TOTAL CR 60 TOTAL DN 6 TOTAL CSP 6 TOTAL USP 10			
86DN	1	87DN	0	88DN	0	89DN	1	90DN	0				
86CSP	1	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	1	89USP	1	90USP	1				

Comments:

- 1974: 1 USP=Operator requested clearance through State Dept. 6 months in advance; no action by State Dept. until month of research. Brazil did not approve based on insufficient lead-time.
- 1975: 1 CSP=Request was for survey for AT&T track line; work was cancelled since Brazil responded that it wished to do part of the survey and that lead-time for request was insufficient.
- 1976: 1 CSP=Anecdotal information unavailable.
- 1977: 2 DN = 1 no reason given; 1 denied since research said to duplicate that done by Brazilians who would share their data.
1 CSP=Research cancelled due to inordinate lead-time requirement.
- 1978: 1 CSP=Request submitted with 3-month lead-time and at suggestion of Brazilian scientists; not approved because of insufficient lead-time.
- 1979: 1 DN =no reason given for denial.
- 1982: 3 USP=approvals granted on "exceptional" basis with Brazil waiving lead-time requirement.
- 1984: 1 DN =research area not in agreement with prior negotiations.
1 CSP=research approved but when rescheduled, Brazil required resubmission of all documentation with 6-month prior notice.
- 1985: 3 USP=2 research cancelled/funding problems; 1 not submitted with sufficient lead-time.
- 1986: 1 DN =prior approval cancelled when Brazilian Naval observers missed ship.
1 CSP=research proposed aboard Brazilian vessel; approval not received until after proposed survey period; research was cancelled.
- 1988: 1 USP=approved on timely basis even though initially submitted for R/V Gyre and schedule changed 4 times.
- 1989: 1 DN =ship was held up two days awaiting arrival of Brazilian Naval officer, resulting in requirement for revision to the research proposal, which was later denied by Brazil.
1 USP=approval not received until just before ship sailed due to numerous schedule changes.
- 1990: 1 CR for port call only in Recife; no research conducted.
1 USP=research was cancelled prior to response from Brazil.

BRUNEI DARUSSALAM

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-5-84

MARINE JURISDICTIONAL ZONES

Marine area: 7,100 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1983
Continental Shelf:	proclaimed; limits not specified	CS Claimed: 1954
Fisheries Zone:	200 nm or median line	FZ Claimed: 1983
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Malaysia (2)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Brunei signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

Became sovereign state and fully independent of United Kingdom in 1984.

No U.S. clearance request activity from 1972 to present.

BULGARIA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 9,600 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1951/87
Continental Shelf: decreed; limits not specified	CS Claimed: 1962/87
Fisheries Zone: not declared	FZ Claimed: -
Excl. Economic Zone: 200 nm	EEZ Claimed: 1987

MARITIME BOUNDARIES

POTENTIAL: Romania, Turkey

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Decree No. 77 on the Exclusive Economic Zone of the People's Republic of Bulgaria in the Black Sea, 7 January 1987, Article 2: Rights and jurisdiction over marine scientific research in the EEZ.
- Act of 8 July 1987 Governing the Ocean Space of the People's Republic of Bulgaria (entered into force 1 September 1987): The state shall exercise exclusive rights and jurisdiction with regard to marine scientific research in the EEZ; research may be conducted in the territorial sea, on the continental shelf and in the EEZ by foreign nationals and agencies with the authorization of the Council of Ministers; authorization must be submitted through official channels; the Council may deny authorization (four possible cases); obligations of foreign nationals and agencies during research on the continental shelf and in the EEZ include the right of Bulgarian organizations to participate in execution of the research project, access to preliminary data, final results and conclusions of research, and to samples and other findings.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

CAMBODIA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
1982 UNCLOS III: signed 7-1-83

MARINE JURISDICTIONAL ZONES

Marine area: 16,200 sq. nm

Territorial Sea: 12 nm		TS Claimed: 1969
Continental Shelf: 200 nm		CS Claimed: 1982
Fisheries Zone: not declared		FZ Claimed: -
Excl. Economic Zone: 200 nm		EEZ Claimed: 1982

MARITIME BOUNDARIES

POTENTIAL: Thailand, Vietnam

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Ministry of Foreign Affairs Statement, 31 July 1982, Articles 5 and 6: Jurisdiction regarding marine research in exclusive economic zone and on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

CAMEROON

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 11-19-85

MARINE JURISDICTIONAL ZONES

Territorial Sea: 50 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: not declared

Marine area: 4,500 sq. nm
 TS Claimed: 1974
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Equatorial Guinea
 RESOLVED: Nigeria (1975)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)
 Not aware of any formal jurisdiction over MSR; Cameroon signed and ratified UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1989: (Port Security/pirates threatening safety of officers and crew on board vessels.)
 If submitting Clearance Request, State Dept. recommends 3-month lead-time; if planning any port calls, check w/State Dept. R/V Clearance Officer regarding travel advisories.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 2 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

CANADA

TREATY STATUS

1958 Geneva Conventions: party 2-6-70 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

	Marine area: 857,000 sq. nm
Territorial Sea: 12 nm	TS Claimed: 1970
Continental Shelf: 200 nm or edge continental margin	CS Claimed: 1985
Fisheries Zone: 200 nm	FZ Claimed: 1977
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: United States (4)

RESOLVED: France (1992 for St. Pierre & Miquelon); United States (1984 for Gulf of Maine); for TERRITORIAL SEA--France (1972 for St. Pierre & Miquelon); for CONTINENTAL SHELF--Denmark (1974 for Greenland)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR, regulations below; Canada signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

• Note No. ETT-1089 of 2 May 1983, Clearance Procedure for Diplomatic Missions Requesting Permission for Vessels to Enter Ports and/or Waters under Canadian Jurisdiction: Foreigners wishing to conduct research in Canadian waters or to enter a Canadian port must apply for permission at least 45 days in advance; exchange of scientific data is required; Canada reserves right to participate or be represented in research and to negotiate content of proposed research; fishing license required in all cases of fishing, sampling and other ichthyo-research related activities.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1977: #43 (Regulations for Marine Scientific Research)

1978: #50 (Embassy report)

1983: #43a (Regulations for MSR)

1990: #68[4] (Lead-time for Clearance Requests is 2 months and per U.S. State Dept., "requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	1	75 CR	4	76 CR	10	77 CR	17	78 CR	8
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	1	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	2	76CSP	1	77CSP	2	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	14	80 CR	22	81 CR	14	82 CR	16	83 CR	27	84 CR	35	85 CR	36
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	8	81USP	0	82USP	0	83USP	2	84USP	3	85USP	5
86 CR	39	87 CR	27	88 CR	35	89 CR	34	90 CR	32	TOTAL CR		373	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		1	
86CSP	1	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		6	
86USP	1	87USP	0	88USP	9	89USP	2	90USP	2	TOTAL USP		32	

Comments:

1975-76: Anecdotal information unavailable for CSP.

CANADA

- 1977: 1 DN=Request denied due to insufficient lead-time (approx. 45 days). Cruise was presumably part of U.S./Canadian cooperative program.
- 1980: 8 USP=5 cancelled or postponed by vessel-operating institution; 1 cancelled due to equipment problems; 1 cancelled due to inclement weather; 1 approval obtained on short notice.
- 1983: 2 USP=1 approval just before research leg; 1 approval with one week lead-time.
- 1984: 3 USP=1 approval with one week lead-time; 1 cancellation due to aircraft problem; 1 cancellation by vessel-operating institution (no reason given).
- 1985: 5 USP=1 cancellation due to budget problems; 2 cancellations due to weather; 1 request for Ocean Drilling Prog. had to be resubmitted through official channels; 1 approval on short notice.
- 1986: 1 CSP=research conducted aboard Canadian Coast Guard vessel at request of Canada.
1 USP=approval with two week lead-time.
- 1987: 3 USP=1 approval given on 2 days prior notice by U.S.; 2 cancellations due to funding problems.
- 1988: 9 USP=7 cancellations due to funding problems/budget cuts; 1 cancellation due to ship problem; 1 ship replacement for Global Change cruise.
- 1989: 2 USP=1 request made by U.S. after ship sailed; cleared by Canada within 24 hours.
1 NOAA requested blanket approval for XBT's during transits in Canadian waters. Canada agreed to approve requests on short notice (72 hours).
- 1990: 2 USP=1 cruise cancelled and rescheduled for later in year; 1 research approved by Canada on one day's notice.

CAPE VERDE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82; ratified 8-10-87

MARINE JURISDICTIONAL ZONES

Marine area: 230,200 sq. nm

Territorial Sea:	12 nm; was 100 nm (1975 decree)	TS Claimed: 1977
Continental Shelf:	not declared	CS Claimed: -
Fisheries Zone:	not declared	FZ Claimed: -
Excl. Economic Zone:	200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: The Gambia, Mauritania, Senegal

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Decree Law No. 126/77, 31 December 1977, Article 12: Taking into account the applicable rules of international law, the Government may establish special regulations in the EEZ with regard to scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		2	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

Was Portuguese overseas province until 1975.

CHILE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm (350 nm for Easter and Sala y Gomez Islands)
Fisheries Zone: was 200 nm; superseded by EEZ legis.
Excl. Economic Zone: 200 nm

Marine area: 667,300 sq. nm
TS Claimed: 1987
CS Claimed: 1953
FZ Claimed: 1947
EEZ Claimed: 1987

MARITIME BOUNDARIES

RESOLVED: Peru (1955); Argentina (1985 re: Beagle Channel)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Decree Law No. 711, August 1975: governs research on the maritime zone under national jurisdiction extending up to 200 miles and including its waters and airspace above it, and its continental shelf, bed and subsoil; processing of clearance requests is routed with final comment by the Navy Hydrographic Institute which may indicate how many Chilean researchers are to participate in the research; the institute ensures 1) that national experts are given a role in the planning and execution of the research program; 2) that complete results of research are available to Chilean authorities and that before a foreign vessel departs Chile, it must deliver to the institute a copy of the data and results obtained from completed research; 3) that all or part of processing and analysis of data and samples obtained during research is carried out at location in Chilean territory selected by the institute; 4) that material collected may be taken out of the country only with prior authorization. Annex I includes special form to request research authorization.
- Law No. 18,565 with regard to maritime space (reported in UN LOS Bulletin 4/87): Chile shall have jurisdiction and rights provided for in international law with regard to the EEZ and the continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1977: #39 (Port Entry Questionnaire)
- 1978: #46 (R/V Clearance Requirements)
- #48 (R/V Clearance Requirements)
- #50 (Embassy report)

1989: #85 (Foreign participation aboard U.S. Research Vessels: Chile has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

1990: #68[4] (Lead-time for Clearance Requests is 7 months)

1992: #102 [Form required for requesting authorization to conduct marine scientific research in Chilean waters]

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	3	74 CR	2	75 CR	2	76 CR	1	77 CR	2	78 CR	2					
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0					
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0					
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0					
79 CR	4	80 CR	1	81 CR	2	82 CR	2	83 CR	5	84 CR	6	85 CR	1					
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0					
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	2	84CSP	2	85CSP	0					
79USP	1	80USP	0	81USP	1	82USP	1	83USP	0	84USP	1	85USP	0					
86 CR	3	87 CR	3	88 CR	4	89 CR	2	90 CR	3	TOTAL CR 49								
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				TOTAL DN 0					
86CSP	0	87CSP	0	88CSP	2	89CSP	0	90CSP	0							TOTAL CSP 6		
86USP	0	87USP	0	88USP	0	89USP	0	90USP	2									

CHILE

Comments:

1979: 1 USP=postponement until 1980.

1981: 1 USP=postponement due to ship problems.

1982: 1 USP=cancellation due to ship problems.

1983: 2 CSP=cruise track amended by Chilean Navy before approval to avoid "sensitive" area.

1984: 2 CSP=modifications to research plans requested by Chileans.

1 USP=clearance held up due to multiple schedule changes.

1988: 2 CSP=1 not approved until 2 weeks after start of research cruise, research in Chilean waters was, however, conducted on revised schedule; 1 no response despite repeated requests.

1989: 1 CR for Easter Island.

1990: 2 USP=1 request submitted two months late to Chile and approval was thus two months late; research conducted on revised schedule.

1 request submitted five months late with approval received just prior to ship's departure.

CHINA, PEO. REPUBLIC OF

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm plus 12-nm contiguous zone
Continental Shelf: shallow areas of East China and Yellow Seas
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 281,000 sq. nm
TS Claimed: 1958/1992
CS Claimed: 1973
FZ Claimed: .
EEZ Claimed: .

MARITIME BOUNDARIES

POTENTIAL: Japan, North Korea, South Korea, Philippines, Taiwan, Vietnam

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

• Law on the Territorial Sea and Contiguous Zone of 25 February 1992: China defines and delimits its territorial sea (including among its offshore islands Taiwan and Spratly [Nansha] Islands) and stipulates that "any international, foreign organization, or individual who intends to conduct activities connected with scientific research or marine survey [in the territorial sea] shall first seek the consent of the People's Republic of China."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

When submitting Clearance Request, State Dept. recommends 3-month lead-time.
 1989: #85 (Foreign participation aboard U.S. Research Vessels: China has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	1	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	1
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 3 TOTAL DN 0 TOTAL CSP 2 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	1	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

- 1980: CR obtained through bilateral agreement.
 1985: 1 CSP=time consuming, problematic request.
 1986: 1 CSP=time consuming, problematic request.
 1988: NOAA requested U.S. Dept. of State to assist in obtaining clearances for Chinese vessel (Xiangyanghong No. 14) conducting 2 TOGA cruises (Tropical Ocean Global Atmospheric Experiment); clearances requested for Nauru, Solomon Is., Palau (U.S.), Federated States of Micronesia, Marshall Is., Philippines (2 instances), Papua New Guinea.
 1991: Preliminary studies have begun for a proposed Great China Economic Zone which would include southeastern China, Taiwan, Macao, Hong Kong and Singapore. Formal discussions on the zone are expected to be held in Hong Kong starting in January 1992. We will monitor whether this economic zone encompasses maritime areas as yet unclaimed by China and Singapore.
 1992: China's maximum maritime claim is its contiguous zone with its outer limit 24 nm from the territorial sea baseline.

COLOMBIA

TREATY STATUS

1958 Geneva Conventions: party 6-10-64 (CS)
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 m or to depth of exploitation
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 175,900 sq. nm
TS Claimed: 1978
CS Claimed: 1978
FZ Claimed: -
EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: Jamaica, Nicaragua, United Kingdom (for Cayman I.), Venezuela
RESOLVED: Costa Rica (1977, 1984-signed only); Dominican Republic (1979); Ecuador (1975); Haiti (1979); Honduras (1986); Panama (2; 1977)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Act No. 10 of 4 August 1978 Establishing Rules Concerning the Territorial Sea, the Exclusive Economic Zone, and the Continental Shelf and Regulating Other Matters: exclusive jurisdiction over scientific research in EEZ.
- Decree NO. 1681 of 4 September 1978, re: Scientific Fishing: Persons wishing to engage in scientific fishing shall require a license and must include in its team one or more Colombian co-workers possessing qualifications required by the Natl. Inst. for Renewable Natural Resources (INDERENA).
- Article III of the February 1979 boundary treaty between Colombia and the Dominican Republic establishes a common scientific research and fishing zone that straddles the boundary, extending 20 nm on each side of the boundary. Within the established zone, the two states have agreed to allow nationals from both states to fish and to cooperate in marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1975: #16 (Requirements for MSR Vessel Clearances)

#23 (Ship Clearance Requirements)

1977: #36 (Research Requirements)

1978: #50 (Embassy report)

1989: #85 (Foreign participation aboard U.S. Research Vessels): Colombia has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

#89 (Lead-time for Clearance Request is 7 months prior to proposed start of research)

1990: #94 (Procedure for handling applications for permission to conduct scientific or technological research in Colombian jurisdictional maritime spaces and enacting other provisions; Clearance Requests, additional information or modifications and all reports must be submitted in the Spanish language.)

1991: #66(1) (Post Cruise Obligations): Experience has shown that Colombia requires at least 2 copies of all post-cruise reports and other publications.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

COLOMBIA

72 CR	1	73 CR	2	74 CR	2	75 CR	1	76 CR	1	77 CR	3	78 CR	3
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	1	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	1	78CSP	1
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	0	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	1	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	6	87 CR	2	88 CR	8	89 CR	6	90 CR	2	TOTAL CR		40	
86 DN	0	87 DN	0	88 DN	1	89 DN	0	90 DN	0	TOTAL DN		2	
86CSP	0	87CSP	0	88CSP	4	89CSP	4	90CSP	1	TOTAL CSP		12	
86USP	1	87USP	0	88USP	1	89USP	0	90USP	0	TOTAL USP		2	

Comments:

- 1977: Anecdotal information unavailable for DN and CSP.
- 1978: 1 CSP=Operator requested clearance in Sept. 1977 for biological work in Jan. 1978; Colombia questioned benefits of research to Colombia and requested visits from vessel-operating institution and NSF. Work cancelled in Sept.
- 1983: 1 CSP=Clearance not approved due to insufficient lead-time.
- 1986: 1 USP=research cancelled due to lack of funding.
- 1988: 1 DN =request denied for political reasons.
 4 CSP=1 initially denied by Colombia but owing to extraordinary efforts by U.S. Embassy, denial was reversed in time for research to be conducted on revised schedule: 1 no response despite repeated requests; 1 approval received after "extraordinary efforts" by Embassy; 1 approved at last minute with request to put scientific observer on board, request too late for research institution and research in Colombia cancelled.
 1 USP=research cancelled due to lack of funding.
- 1989: 4 CSP=1 major problem regarding Colombian participation involved excessive time and expense by ship; 1 U.S. State Dept. assistance requested by U.S. chief scientist when U.K. (R/V was U.K.) had problem with clearance; 1 approval not received until 10 days after ship sailed, resulting in situation where it was difficult to arrange participation by Colombian scientific observer; 1 approval not received until 2 weeks after ship sailed; when told it was too late to arrange participation, Colombia, threatened to deny request. U.S. embassy intervened and research was allowed.
- 1990: 1 CSP=Request denied by Colombia, but denial was reversed in October just prior to scheduled research in Colombian waters.

COMOROS

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-6-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 72,600 sq. nm
 TS Claimed: 1976
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1976

MARITIME BOUNDARIES

POTENTIAL: France (2-Mayotte and Reunion), Madagascar, Mozambique, Seychelles, Tanzania

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Law No. 82-005 Relating to the Delimitation of the Maritime Zones of the Islamic Federal Republic of the Comoros of 6 May 1982: jurisdiction with regard to marine scientific research in the EEZ.
- Act No. 82-015 Concerning Activities of Foreign Fishing Vessels in Comorian Maritime Zones of 6 and 11 May 1982: Minister of Fisheries may authorize use of a foreign fishing vessel to fish within EEZ for purposes of scientific or technical research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0						
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0						
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0						
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0						
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0						
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0						
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0						
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0						
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0							
86 DN	0	87 DN	0	88 DN	0	89 DN	0	TOTAL DN						0					
86CSP	0	87CSP	0	88CSP	0	89CSP	0									TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0												

Comments:

Was overseas territory of France until independence in 1975.
 No U.S. clearance request activity from 1972 to present.

CONGO

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm
Continental Shelf: not declared
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 7,200 sq. nm
TS Claimed: 1977
CS Claimed: -
FZ Claimed: -
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Angola, Gabon

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **N** **MSR Regulations other than Jurisdiction?** **N** (See below)
 Not aware of any formal jurisdiction over MSR; Congo with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	2	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 2			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0			TOTAL DN 0	
86 USP	0	87 USP	1	88 USP	0	89 USP	0	90 USP	0			TOTAL CSP 0	
										TOTAL USP 1			

Comments:

1987: 1 USP=CR cancelled by chief scientist to avoid possibility of having to accommodate extra coastal state participants (of the 7 countries involved in clearance, Ghana and Gabon also cancelled for same reason).

COOK ISLANDS

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: incl. w/N.Z. sq. nm
TS Claimed: 1977
CS Claimed: 1977
FZ Claimed:
EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Kiribati, Tokelau (N.Z.), Niue
RESOLVED: France (1990 for Fr. Polynesia), United States (1983 for Am. Samoa)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Territorial Sea and Exclusive Economic Zone Act No. 16 of 14 November 1977: The High Commissioner may make regulations for conduct of scientific research within the territorial sea and exclusive economic zone.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	3	87 CR	0	88 CR	1	89 CR	2	90 CR	2	TOTAL CR		10	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	1	89USP	1	90USP	0	TOTAL USP		2	

Comments:

Cook Islands are self-governing in free association with New Zealand; New Zealand retains responsibility for external affairs, in consultation with Cook Islands Government. We show the Cook Islands separate from New Zealand since they have legislated for MSR independently of New Zealand and because clearance requests from the United States are submitted to the Islands as a separate entity.

1988: 1 USP=cancellation due to schedule change.

1989: 1 USP=research cancelled by NOAA.

COSTA RICA

TREATY STATUS

1958 Geneva Conventions: party 2-16-72 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 75,500 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1972
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1972/75
Fisheries Zone:	was 200 nm; superseded by EEZ legis.	FZ Claimed:	1949
Excl. Economic Zone:	200 nm	EEZ Claimed:	1975

MARITIME BOUNDARIES

POTENTIAL: Nicaragua (2)
 RESOLVED: Colombia (1977, 1984-signed only); Ecuador (1985-signed only); Panama (2; 1982)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; Costa Rica signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea"; and Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

When submitting Clearance Request, State Dept. recommends 3-month lead-time.

1989: #85 (Foreign participation aboard U.S. Research Vessels: Costa Rica has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	2	74 CR	2	75 CR	0	76 CR	0	77 CR	2	78 CR	6
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	1	81 CR	1	82 CR	1	83 CR	0	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	1	85 CSP	0
79 USP	0	80 USP	1	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	4	87 CR	2	88 CR	3	89 CR	3	90 CR	4	TOTAL CR		35	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		2	
86 USP	1	87 USP	0	88 USP	1	89 USP	0	90 USP	0	TOTAL USP		3	

Comments:

- 1980: 1 USP=research delayed due to equipment problems.
- 1984: 1 CSP=approval not given until second cruise leg.
- 1986: 1 USP=proposed research/dates were approved; research started 10 days early without notice to Costa Rica.
- 1987: 1 CSP=cancellation by Navy owing to problem with requirement for AIDS testing associated with Costa Rica port call.
- 1988: 1 USP=research cancelled due to lack of funding.

COTE d'IVOIRE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 3-26-84

MARINE JURISDICTIONAL ZONES

Marine area: 30,500 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1977
Continental Shelf: 200 nm	CS Claimed: 1977
Fisheries Zone: was 12 nm; rescinded by EEZ legis.	FZ Claimed: 1967
Excl. Economic Zone: 200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Ghana, Liberia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Law No. 77-926 Delimiting the Maritime Zones Placed Under the National Jurisdiction of the Republic of Ivory Coast of 17 November 1977, Article 6: All scientific research activities conducted in the [EEZ] shall be subject to the prior consent of the State.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	2	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

CUBA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 8-15-84

MARINE JURISDICTIONAL ZONES

Marine area: 105,800 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1977
Continental Shelf:	200 m	CS Claimed: 1954
Fisheries Zone:	was 10 nm; subsumed by EEZ legis.	FZ Claimed: 1955
Excl. Economic Zone:	200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Bahamas, Honduras, Jamaica, United Kingdom (for Cayman I.), U.S. (for Navassa I.)
 RESOLVED: Haiti (1978); Mexico (1976); U.S. (1977; pending exchange of instruments of ratification, agreement will be applied through biennial exchange of notes)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)
 • Legislative Decree No. 2 of 24 February 1977 Concerning the Establishment of an Economic Zone: jurisdiction with regard to scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1977: #32 (Cuba's 200-mile claim)
 #35 (Cuban 200-mile-zone defined)
 1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	1	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	3	80 CR	1	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	3	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	1	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	1	TOTAL CR 8 TOTAL DN 3 TOTAL CSP 2 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	1				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

1979: 3 DN=no reasons given for denials.

1980: 1 CSP=no response to CR.

1990: 1 CSP=no response received from Cuba; research confined to U.S. and Bahamian waters.

CYPRUS

TREATY STATUS

1958 Geneva Conventions: party 4-11-74 (CS)
1982 UNCLOS III: signed 12-10-82, ratified 12-12-88

MARINE JURISDICTIONAL ZONES

Marine area: 29,000 sq. nm

Territorial Sea: 12 nm		TS Claimed: 1964
Continental Shelf: 200 m or to depth of exploitation		CS Claimed: 1972
Fisheries Zone: not declared		FZ Claimed: -
Excl. Economic Zone: not declared		EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Egypt, Israel, Lebanon, Syria, Turkey, United Kingdom (4-Sovereign Base Areas)
RESOLVED: for TERRITORIAL SEA--United Kingdom (1960)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** N (See below)

Not aware of any formal jurisdiction over MSR; Cyprus signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

DENMARK

TREATY STATUS

1958 Geneva Conventions: party 9-26-68 (TS), 6-12-63 (CS)
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 426,900 sq. nm

Territorial Sea:	3 nm	TS Claimed:	1963/66
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1963
Fisheries Zone:	200 nm	FZ Claimed:	1977
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

POTENTIAL: Poland; for Faroe Is.: Iceland, U.K.; for Greenland: Iceland, Norway (re Jan Mayen)
RESOLVED: for TERRITORIAL SEA--Fed. Rep. of Germany (1923), Sweden (1932); for CONTINENTAL SHELF--Fed. Rep. of Germany (1966, 1972, 1977), Norway (1966, 1974), Sweden (3; 1985, incl. FISHERIES ZONE), U.K. (1967, 1972); for Faroe Is.--Norway (1980); Greenland's CONTINENTAL SHELF--Canada (1974)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Act No. 259 of 9 June 1971, with amendments 1972, 1977: Permission required from Minister of Commerce for exploration of mineral and other non-living resources on the continental shelf. Permission required from the Minister of Fisheries for fishing and exploration of living organisms on the continental shelf; if investigation of mineral and other non-living resources of the seabed or its subsoil is included in fisheries or marine research, permission for these investigations shall also be granted by the Minister of Fisheries.
- Act No. 293 of 10 June 1981 Concerning Use of the Danish Underground: Minister of Energy grants permission for scientific studies of the underground; this act also applies to the Danish Continental Shelf.
- Note from Ministry of Foreign Affairs to U.N., July 1988: "Description of administrative procedures and requirements for institutional arrangements for regulating the conduct of scientific research by non-nationals in maritime zones subject to national jurisdiction"--states that permissions to conduct research in territorial sea are conditional on participation of Danish observer on research vessel during cruise; Danish authorities require copies of reports on scientific results of research cruise. Standard application form, "Notification of Proposed Research Cruise" (ICES form), should be used.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1990: #68[4] (Lead-time for Clearance Requests is 4 months)

1991: #66(1) (Post Cruise Obligations): Denmark is among several coastal States requesting multiple copies of all post-cruise reports and other publications (5 copies of which one is for the American Embassy in Copenhagen)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	1	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	1	82 CR	0	83 CR	3	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	1
86 CR	1	87 CR	1	88 CR	3	89 CR	3	90 CR	2	TOTAL		CR	19
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			DN	0
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0			CSP	1
86 USP	0	87 USP	0	88 USP	1	89 USP	0	90 USP	0			USP	2

DENMARK

Comments:

1972: 1 CR for Greenland.

1973: 1 CR for Greenland; anecdotal information unavailable for CSP.

1983: 3 CR for Greenland.

1984: 1 CR for Greenland.

1985: 2 CR for Greenland; 1 USP=request "must be made through official channels."

1986: 1 CR for Greenland.

1987: 1 CR for Greenland.

1988: 2 CR for Greenland; 1 USP=ship change for Global Change cruise, MT. MITCHELL replaced RESEARCHER.

1989: 3 CR for Greenland.

1990: 2 CR for Faeroe Islands.

DJIBOUTI

TREATY STATUS

1958 Geneva Conventions: not party
1982 UNCLOS III: signed 12-10-82; ratified 10-8-91

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: not declared
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 1,800 sq. nm

TS Claimed: 1979
CS Claimed: -
FZ Claimed: -
EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: Ethiopia; Somalia; Republic of Yemen

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

Law No. 52/AN/78 Concerning the Territorial Sea, the Contiguous Zone, the Exclusive Economic Zone, the Maritime Frontiers and Fishing: sovereign rights to authorize, organize, and control scientific research in EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0																								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0																								
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0																								
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0																								
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0																								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0																								
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0																								
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0																								
86 CR	0	87 CR	0	88 CR	0	89 CR	1	90 CR	0	TOTAL CR		1																									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0																												
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0																												
86USP	0	87USP	0	88USP	0	89USP	1	90USP	0																												
										TOTAL DN		0																									
																						TOTAL CSP		0													
																																		TOTAL USP		1	

Comments:

Territory of France until independence in 1977

1989: 1 USP=original request revised to include hydrographic surveys off Djibouti in place of Ethiopia (submission of CR to Ethiopia discouraged by State Dept. owing to political problems).

DOMINICA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 3-28-83; ratified 10-24-91

MARINE JURISDICTIONAL ZONES

Marine area: 4,400 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1981
Continental Shelf:	not declared	CS Claimed: -
Fisheries Zone:	200 nm	FZ Claimed: 1981
Excl. Economic Zone:	200 nm	EEZ Claimed: 1981

MARITIME BOUNDARIES

POTENTIAL: France (2-Guadeloupe and Martinique), Venezuela

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Territorial Sea, Contiguous Zone, Exclusive Economic Zone, and Fisheries Zone Act, 1981, Act No. 26 of 25 August 1981: jurisdiction with regard to marine scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	2	80 CR	0	81 CR	1	82 CR	0	83 CR	0	84 CR	2	85 CR	8
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	5	87 CR	4	88 CR	5	89 CR	9	90 CR	2	TOTAL CR		38	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	2	89CSP	0	90CSP	0	TOTAL CSP		3	
86USP	0	87USP	1	88USP	0	89USP	2	90USP	0	TOTAL USP		3	

Comments:

Was self-governing state in association with United Kingdom until independence in 1978.

1985: 1 CSP=Approval granted after submission of amplifying information.

1987: 1 USP=1 CR cancelled owing to project revisions.

1988: 2 CSP=1 CR no response received; 1 CR approved late, research cancelled.

1989: 2 USP=1 CR cancelled after major revisions involving vessel and schedule changes; request cancelled owing to major revision in proposed research.

1991: Talks underway for unification of Windward Island Nations of Dominica, Grenada, St. Lucia and St. Vincent into one sovereign state.

DOMINICAN REPUBLIC

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 78,400 sq. nm

Territorial Sea:	6 nm	TS Claimed: 1967
Continental Shelf:	200 nm or to edge of continental margin	CS Claimed: 1977
Fisheries Zone:	was 12 nm; subsumed by EEZ legis.	FZ Claimed: 1967
Excl. Economic Zone:	200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Haiti (2), Netherlands (for Neth. Antilles), United Kingdom (for Turks & Caicos), United States (for Puerto Rico)

RESOLVED: Colombia (1979), Venezuela (1982)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Act No. 186 of 13 Sept. 1967 on the Territorial Sea, Contiguous Zone, Exclusive Economic Zone, and Continental Shelf, as amended by Act No. 573 of 1 April 1977: Dominican State shall regulate the investigation, exploration, and exploitation of resources within the EEZ.

• Article III of the February 1979 boundary treaty between Colombia and the Dominican Republic establishes a common scientific research and fishing zone that straddles the boundary, extending 20 nm on each side of the boundary. Within the established zone, the two states have agreed to allow nationals from both states to fish and to cooperate in marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

When submitting Clearance Request, State Dept. recommends 3-month lead-time.

1977: #37 (U.K./Dominican Rep. dispute re Silver, Navidad, and Mouchoir Banks)

1989: #85 (Foreign participation aboard U.S. Research Vessels: Dominican Republic has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	2	80 CR	4	81 CR	0	82 CR	1	83 CR	0	84 CR	6	85 CR	7
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	1	85 CSP	1
79 USP	0	80 USP	1	81 USP	0	82 USP	0	83 USP	0	84 USP	1	85 USP	0
86 CR	2	87 CR	0	88 CR	6	89 CR	7	90 CR	5	TOTAL CR		43	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	3	89 CSP	1	90 CSP	1	TOTAL CSP		7	
86 USP	0	87 USP	0	88 USP	1	89 USP	1	90 USP	0	TOTAL USP		4	

DOMINICAN REPUBLIC

- 1980: 1 USP=research dates changed at request of operating institution.
- 1984: 1 CSP=CR made on short notice; approval not received in time for research;
1 USP=approved despite insufficient lead-time.
- 1985: 1 CSP=approval received too late for research on first cruise leg.
- 1988: 3 CSP=2 approved late and research cancelled; 1 research cancelled 2 weeks before scheduled start of surveys when response was not received;
1 USP=research cancelled due to lack of funding.
- 1989: 1 CSP=CR not approved until two weeks after ship sailed.
1 USP=CR approved even though ship's schedule revised four times.
- 1990: 1 CSP=no response received from Dom. Republic; mariculture project confined to Bahamian waters.

ECUADOR

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 338,000 sq. nm

Territorial Sea:	200 nm	TS Claimed:	1966
Continental Shelf:	area including continental and Galapagos territorial seas and up to 100 nm from 2500 meter isobath	CS Claimed:	1986
Fisheries Zone:	was 200 nm; subsumed by TS decree	FZ Claimed:	1951
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

RESOLVED: Colombia (1975); Costa Rica (1985-signed only); Peru (1956)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? Y (See below)

Not aware of any formal jurisdiction over MSR; see, however, NTRVOs listed below and
 • Regulations of 1973 for "Granting of Permits to Foreign Vessels to Visit the Territorial Sea of Ecuador, its Coasts or Islands for the Purpose of Tourism or Scientific Research": Any foreign vessel intending to visit the territorial sea for the purpose of scientific research must obtain written authorization from the Ministry of National Defense. An expedition for scientific research must put in at first Ecuadorian port and take on official or functionary of Naval Inst. of Oceanography (at expense of expedition); disclose use to be made of results of research; make available complete results and conclusions of studies carried out; collaborate with Ecuadorian technical personnel in scientific work of interest to Naval Inst. of Oceanography; when carrying out geophysical research, provide detailed information on procedures and equipment.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1973: #13 (Regulations to control conduct of MSR and tourism along coasts of Ecuador and its offshore islands)

1975: #20 (Regulations on MSR)

1978: #49 (Galapagos Islands Research)

#50 (Embassy report)

#52 (Galapagos addendum)

1990: #68[4] (Lead-time for Clearance Requests is 5 months)

1991: #66(1) (Post Cruise Obligations): Experience has shown that Ecuador requires at least 2 copies of all post-cruise reports and other publications.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	5	75 CR	5	76 CR	1	77 CR	2	78 CR	2				
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0				
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	1				
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0				
79 CR	0	80 CR	0	81 CR	0	82 CR	3	83 CR	3	84 CR	4	85 CR	6				
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0				
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	1	85 CSP	0				
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	1	84 USP	1	85 USP	0				
86 CR	4	87 CR	2	88 CR	2	89 CR	2	90 CR	4	TOTAL CR		46					
86 DN	0	87 DN	1	88 DN	0	89 DN	0	90 DN	1								
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	2					TOTAL DN		2	
86 USP	1	87 USP	0	88 USP	1	89 USP	0	90 USP	0								
										TOTAL USP		4					

ECUADOR

Comments:

- 1978: 1 CSP=anecdotal information unavailable.
- 1983: 1 USP=insufficient lead-time for CR, but approval granted.
- 1984: 1 CSP=approval not received until after ship sailed.
1 USP=clearance held up owing to multiple schedule changes.
- 1986: 1 USP=request cancelled due to lack of funding.
- 1987: 1 DN =approval could not be obtained from Ecuador.
1 CSP=approval for work in Galapagos received 1 month late with research conducted under revised schedule.
- 1988: 1 USP=cancellation due to lack of funding.
- 1990: 1 DN =request denied for port call only in Galapagos Islands (no research was to be conducted)
2 CSP=1 request submitted within requisite 4 months' notice, but approval not received until after ship's departure; 1 request submitted 4 months in advance, approval not received until 1 week prior to ship's departure.

EGYPT

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 8-26-83

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: 200 m or to depth of exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 50,600 sq. nm
 TS Claimed: 1958/90
 CS Claimed: 1958
 FZ Claimed: -
 EEZ Claimed: 1983

MARITIME BOUNDARIES

POTENTIAL: Cyprus, Greece, Israel (2), Jordan, Libya, Saudi Arabia, Sudan, Turkey, United Kingdom (Sovereign Base Areas)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)
 Declarations (upon ratification of the U.N. Convention on the Law of the Sea), August 26, 1983: The Arab Republic of Egypt will exercise its jurisdiction over the exclusive economic zone according to the modalities laid down in the Convention with regard to...marine scientific research. As to jurisdiction over MSR, UNCLOS III iterates in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	1						
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0						
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0						
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0						
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	1	85 CR	0						
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0						
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0						
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0						
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		4							
86 DN	0	87 DN	0	88 DN	0	89 DN	0	TOTAL DN						0					
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0									TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0												

Comments:

1983: 1 CR not forwarded; State Dept. determined that clearance was not required for research beyond continental shelf outside territorial sea.

EL SALVADOR

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-5-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm
Continental Shelf: not declared
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 26,800 sq. nm
TS Claimed: 1950
CS Claimed: -
FZ Claimed: -
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Guatemala, Honduras, Nicaragua

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

• Not aware of any formal jurisdiction over MSR; El Salvador with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

• Decree No. 799 of 14 September 1981 on Regulation for the Application of the General Law of Fishing Activities: Scientific fishing may be engaged in solely with the permission of the Dirección General.

• Decree No. 82 of 20 October 1983: In order to carry out scientific research or studies on fishing, the embarkation of a Salvadorian technician designated by the Development Centre must be permitted at the applicant's expense; Development Centre will grant permission for scientific fishing provided that...aim of the research projects coincide with the present regulation...and at the end of the research, a copy of the study and its conclusions must be delivered to the Development Centre.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	1	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	1
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		3	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1978: 1 CSP=Anecdotal information unavailable.

EQUATORIAL GUINEA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 1-30-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 82,600 sq. nm
 TS Claimed: 1970
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Cameroon, Gabon (2), Nigeria, Sao Tome & Principe (2)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Act No. 15/1984 of 12 November 1984 on the Territorial Sea and Exclusive Economic Zone: exclusive jurisdiction with regard to marine scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

ETHIOPIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not specified
 Excl. Economic Zone: not declared

Marine area: 22,100 sq. nm
 TS Claimed: 1953
 CS Claimed: -
 FZ Claimed: 1953
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Djibouti; Saudi Arabia; Sudan; Republic of Yemen

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Ethiopia signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #5 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	1	90 CR	0	TOTAL CR 1 TOTAL DN 0 TOTAL CSP 1 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	1	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

1989: 1 CSP=Request to extend hydrographic surveys into Ethiopia discouraged by U.S. State Dept. owing to political problems.

FIJI

TREATY STATUS

1958 Geneva Conventions: party 3-19-71 (TS, CS)
 1982 UNCLOS III: signed 12-10-82, ratified 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 334,000 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1976
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1970
Fisheries Zone:	not declared	FZ Claimed:	-
Excl. Economic Zone:	200 nm	EEZ Claimed:	1977

MARITIME BOUNDARIES

POTENTIAL: Tonga, Tuvalu, Vanuatu

RESOLVED: France (1983, 1990 for Wallis and Futuna, and 1983, 1990 for New Caledonia--this boundary is between Fiji and Matthew & Hunter Isls. (which are claimed by both France and Vanuatu))

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Marine Spaces Act (amendment), 1978, Act No. 15 of 6 October 1978: The State may regulate the conduct of scientific research within the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1990: #68[4] (Lead time for Clearance Requests is 7 months; requests must be submitted through official channels)

U.S. Clearance Requests 1972-90:

{CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems}

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	1	83 CR	0	84 CR	2	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	1	85USP	1
86 CR	1	87 CR	0	88 CR	0	89 CR	2	90 CR	2	TOTAL CR		10	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	1	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	1	90USP	0	TOTAL USP		3	

Comments:

1984: 1 USP=cancellation due to ship problems.

1985: 1 USP=CR complicated by major revisions to schedule late in clearance process.

1989: 1 CSP=Govt. of Fiji requested ship to conduct additional research (seismic survey). Survey was conducted at researcher's expense.

1 USP=research cancelled by NOAA.

FINLAND

TREATY STATUS

1958 Geneva Conventions: party 2-16-65 (TS, CS)
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 28,600 sq. nm

Territorial Sea: 4 nm	TS Claimed: 1956
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1965
Fisheries Zone: 12 nm	FZ Claimed: 1975
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: USSR (1986, replaces earlier continental shelf and fisheries zone agreements); for **CONTINENTAL SHELF**--Sweden (1973); for **FISHERIES ZONE**--Sweden (1977)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

Law No. 149 of 5 March 1965 Concerning the Continental Shelf: Right to explore the continental shelf (including "purely scientific research into the physical or biological characteristics" of the shelf) is exclusively exercised by the State.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

FRANCE

TREATY STATUS

1958 Geneva Conventions: party 6-14-65 (CS)
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 2,100,000 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1971
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1968
Fisheries Zone:	was 12 nm; amended by EEZ legis.	FZ Claimed:	1967
Excl. Economic Zone:	200 nm, including dependencies of Amsterdam/St. Paul, Bassas da India, Clipperton, Crozet, Europa Is., Fr. Guiana, Fr. Polynesia, Glorioso, Guadeloupe, Juan de Nova, Kerguelen, Martinique, Mayotte, New Caledonia, Reunion, St. Barthelemy, St. Martin, St. Pierre and Miquelon, Tromelin, Wallis and Futuna	EEZ Claimed:	1976

MARITIME BOUNDARIES

POTENTIAL: Belgium, Spain (2), U.K.; for dependencies: Antigua & Barbuda (2), Barbados (2), Comoros (2), Dominica (2), Kiribati, Madagascar (2), Mozambique, Netherlands (2), New Zealand (for Tokelau), Papua New Guinea, St. Kitts/Nevis, Suriname, Tuvalu, Western Samoa, U.K. (for Anguilla, Montserrat), Vanuatu (Matthew & Hunter Islands claimed by both France and Vanuatu)

RESOLVED: Italy (1986-signed only); Monaco (1985); for dependencies: Australia (2; 1983), Brazil (1983), Canada (1992 for St. Pierre & Miquelon); Cook Islands (1990 for Fr. Polynesia); Fiji (2; 1 for Wallis & Futuna signed 1983, modified 1990; 1 for New Caledonia 1983), Mauritius (1980), St. Lucia (1981), Solomon Islands (1990 for New Caledonia), Tonga (1980), U.K. (1984), Venezuela (2; 1983); for **TERRITORIAL SEA**--Canada (1974), U.K. (1988); for **TERRITORIAL SEA and CONTINENTAL SHELF**--Belgium (1990), Spain (1975); for **CONTINENTAL SHELF**--U.K. (1977, 1978, 1983, 1991 for southern North Sea)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Decree No. 85/185 of 6 February 1985 Regulating the Passage of Foreign Ships through French Territorial Waters: Passage considered prejudicial to the peace, good order or security of the state if the foreign vessel engages in, inter alia, research or survey activities.
- Act No. 86-826, 11 July 1986: MSR in territorial sea, EEZ or on continental shelf requires permission.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1972: #02 (Clearances in French and Territorial Waters)

1978: #50 (Embassy report)

1990: #68[4] (Lead-time for Clearance Requests is 5 months; "Clearance Requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	3	73 CR	3	74 CR	2	75 CR	0	76 CR	2	77 CR	4	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	1	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	1	77 CSP	3	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	2	80 CR	2	81 CR	1	82 CR	3	83 CR	5	84 CR	6	85 CR	15
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	1
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	2
79 USP	0	80 USP	1	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	1
86 CR	14	87 CR	9	88 CR	14	89 CR	23	90 CR	13	TOTAL CR 122 TOTAL DN 2 TOTAL CSP 17 TOTAL USP 11			
86 DN	0	87 DN	0	88 DN	1	89 DN	0	90 DN	0				
86 CSP	5	87 CSP	0	88 CSP	3	89 CSP	2	90 CSP	0				
86 USP	1	87 USP	2	88 USP	1	89 USP	4	90 USP	1				

FRANCE

Comments:

- 1972, 1976-77: Anecdotal information unavailable for CSP.
- 1979: 2 CR for dependencies.
- 1980: 2 CR for dependencies; 1 USP= cancellation by requesting institution.
- 1981: 1 CR for dependency.
- 1982: 3 CR for dependencies.
- 1983: 1 CR for France, 4 CR for dependencies.
- 1984: 1 CR for France, 5 CR for dependencies.
- 1985: 1 CR for France (1 DN=no reason given); 14 CR for dependencies.
2 CSP=1 approval after submission of amplifying information; 1 not approved due to insufficient lead-time.
1 USP=schedule revisions late in clearance process.
- 1986: 2 CR for France, 12 CR for dependencies.
5 CSP=1 survey cancelled since not allowed inside requested area of territorial sea; 1 request submitted without sufficient prior notice, first denied, then approved for research to be done outside territorial sea; 2 requests first denied due to late submission, then later approved; 1 approved 1 day after scheduled start of research.
1 USP=approved although CR submitted inside lead-time requirement.
- 1987: 9 CR for dependencies.
2 USP=1 cancelled owing to project revisions; 1 cancelled since chief scientist decided to conduct research at least 200 miles from Clipperton Is. to avoid clearance request.
- 1988: 14 CR for dependencies.
1 DN = for Fr. Guiana, owing to conflict with military exercises.
3 CSP=2 clearance problems owing to conflict with French Navy activities off Fr. Guiana, research conducted on revised schedule; 1 approval for Martinique and Guadeloupe received late, research cancelled.
1 USP=not approved owing to late request.
- 1989: 23 CR for dependencies (1-St. Pierre/Miquelon, 8-Martinique and Guadeloupe, 3-Fr. Polynesia, 5-Clipperton Is., 1-Wallis & Futuna Is., 5-Fr. Guiana)
2 CSP=1 approval (for Fr. Polynesia) never received; 1 approval (for Martinique & Guadeloupe) not received until the day the ship sailed.
4 USP=1 CR (for Clipperton Is.) with major revision involved changing vessels, several schedule changes and cancellation of request to several countries on cruise track including this one to France; 1 CR (for Fr. Polynesia) research cancelled by NOAA; 2 CR (for Martinique & Guadeloupe) cancelled after revisions involving vessels, several schedule changes, or revision in proposed research.
- 1990: 13 CR for dependencies (3-Clipperton Is., 3-Fr. Guiana, 1-Fr. Polynesia, 2-Guadeloupe, 2-Martinique, 2-Wallis & Futuna)
1 USP=France would not accept request (for Clipperton Is.) owing to late notice

GABON

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm; was 100 nm (Ordinance of 1972)	Marine area: 62,300 sq. nm
Continental Shelf: not declared	TS Claimed: 1984
Fisheries Zone: was 150 nm; superseded by EEZ legis.	CS Claimed: -
Excl. Economic Zone: 200 nm	FZ Claimed: 1972
	EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Congo, Equatorial Guinea (2), Sao Tome & Principe

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Law No. 9/84, Establishing an Exclusive Economic Zone of 200 Nautical Miles, 12 July 1984, Article 8: Exclusive competence within EEZ with respect to marine scientific research.
 - Note to the United Nations of 25 August 1988 on Rules Governing Marine Scientific Research Activities
- Application of the UN Convention of 1982 on the Law of the Sea: Upon foreign nationals engaging in scientific research in Gabon marine zones, Gabon imposes: 1) Prior information obligation--Gabon must receive description of project six months before beginning of research mission, including conditions under which Gabon may participate or be represented aboard research vessels without cost to Gabon; 2) Communication obligation--once research has been completed, furnish Gabon with preliminary reports, results, final conclusions; communicate all samples and data obtained; furnish evaluation of data, samples and results or aid in interpreting them; after prior agreement with Gabon, make results of research available internationally via appropriate channels.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	2	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		3	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	1	88USP	0	89USP	0	90USP	0				
										TOTAL DN		0	
										TOTAL CSP		0	
										TOTAL USP		1	

Comments:

1987: 1 USP=CR cancelled by chief scientist to avoid possibility of having to accommodate extra coastal state participants (of 7 countries involved in clearance, requests to Congo and Ghana cancelled for same reason).

GAMBIA, THE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 5-22-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: declared; limits not specified
 Fisheries Zone: 200 nm
 Excl. Economic Zone: not declared

Marine area: 5,700 sq. nm
 TS Claimed: 1969
 CS Claimed: 1965/66
 FZ Claimed: 1977
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Cape Verde
 RESOLVED: Senegal (1976)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

- Not aware of any formal jurisdiction over MSR; The Gambia has signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."
- Fisheries Act of 1977: The Director [of the Service Commission] may...exempt any vessel or person from all or any of the provisions of this Act or any regulations made thereunder for the purposes of research, scientific investigations, or the proper management of fisheries, and in making such exemption from the director may impose such conditions as he may think fit.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		2	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

GERMAN DEMOCRATIC REPUBLIC

TREATY STATUS

1958 Geneva Conventions: party 12-27-73 (TS,CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area:	2,800 sq. nm
Continental Shelf:	200 m or to depth of exploitation	TS Claimed:	1985
Fisheries Zone:	median line or delimitation by agreement	CS Claimed:	1964
Excl. Economic Zone:	not declared	FZ Claimed:	1977
		EEZ Claimed:	-

MARITIME BOUNDARIES

RESOLVED: Poland (1989); for CONTINENTAL SHELF--Federal Republic of Germany (1974), Poland (1969), Sweden (1978)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Through accession of the German Democratic Republic (GDR) to the Federal Republic of Germany, the two states have united as of 3 October 1990 to form one sovereign state under the designation of "Germany"; the following listings on research jurisdiction of the GDR are provided for historic perspective.

- Law on Fisheries in the Fisheries Zone of the GDR, 13 October 1978: use of research vessels to explore living resources in fisheries zone subject to prior approval.
- Marine Research Decree of 23 March 1989: explicitly regulates conduct by other States as well as by international organizations of foreign MSR in the territorial sea, on the continental shelf, and in the fishery zone of the GDR.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1989: #68[3] (Clearance requests must be submitted through official channels)
- #88 (Marine Research Decree concerning GDR territorial sea, continental shelf, and fisheries zone)

When submitting Clearance Requests, see entry for Germany, Fed. Republic of.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				
										TOTAL DN		0	
										TOTAL CSP		0	
										TOTAL USP		0	

Comments:

The German Democratic Republic (GDR) had no U.S. clearance request activity from 1972 to 1990. Accession of the German Democratic Republic (GDR-East Germany) to the Federal Republic of Germany (FRG) took place in 1990; discrete entries for the GDR and FRG will be maintained to cover historic data on MSR clearances before 1990. Any data on research activities after 1990 will appear under the FRG.

GERMANY, FEDERAL REPUBLIC OF

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 11,900 sq. nm

Territorial Sea: 3-16 nm (Helgoländer Bucht extended TS)	TS Claimed: 1985
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1964
Fisheries Zone: 200 nm in the North Sea	FZ Claimed: 1976
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: for TERRITORIAL SEA--Denmark (1923); for CONTINENTAL SHELF--Denmark (1966, 1972, 1977), German Democratic Republic (1974), Netherlands (1965, 1972), United Kingdom (1972)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Through accession of the German Democratic Republic to the Federal Republic of Germany, the two states have united as of 3 October 1990 to form one sovereign state under the designation of "Germany." The jurisdiction and regulations of the Federal Republic of Germany over marine scientific research prevail until such time as the new state may change its jurisdiction or regulations.

- Act of 24 July 1964 on Provisional Determination of Rights Relating to the Continental Shelf, as amended 2 September 1974: Authorization shall be required for ... all research activities relating to the continental shelf undertaken in situ.
- Federal Mining Law, 1980: research activities on the continental shelf require a permit from the Deutsches Hydrographisches Institut.
- State practice indicates that permission is required to conduct marine scientific research in territorial sea and that authorities should be notified of fisheries research in fishing zone.
- Rules and administrative practice in force in the Federal Republic of Germany with respect to foreign marine scientific research in maritime zones of the FRG, Note to United Nations of 25 July 1988--1) permission is required to conduct MSR in the territorial sea; 2) MSR on the continental shelf requires distinction between types of research activities, Federal Mining governs appropriate categories; 3) MSR in the water column above the continental shelf is not subject to permission of FRG; 4) activities concerning natural resources (fisheries) within fishing zone require prior notification to Federal Ministry for Food, Agriculture and Forestry.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

Accession of the German Democratic Republic (GDR-East Germany) to the Federal Republic of Germany (FRG) took place in 1990; discrete entries for the GDR and FRG will be maintained to cover historic data on MSR clearances before 1990

GHANA

TF

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 6-7-83

MA

MARINE JURISDICTIONAL ZONES

Marine area: 63,600 sq. nm

Territorial Sea: 12 nm; was 200 nm (1977 decree) TS Claimed: 1986
 Continental Shelf: 200 nm CS Claimed: 1986
 Fisheries Zone: was 200 nm; superseded by EEZ legis. FZ Claimed: 1977
 Excl. Economic Zone: 200 nm EEZ Claimed: 1986

MA

MARITIME BOUNDARIES

POTENTIAL: Benin, Côte d'Ivoire, Nigeria, Togo

RE

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Maritime Zones (Delimitation) Law 1986, 2 August 1986, Article 5: Jurisdiction in accordance with provisions of the Convention with regard to marine scientific research in EEZ.
- Information Required for Permission to Allow Foreign Research Ships to Carry Out Research in the Ghanaian Exclusive Economic Zone (no date): includes request for number of Ghanaian research scientists that can be accommodated on board research vessel to participate in research project including access to equipment, devices, samples, with no charge to Ghana; additional stipulations include providing government with original raw and processed data, samples and interpretations at each of each phase of program and final results and conclusions by dates agreed upon by Ghana and foreign institution; prior consent from Ghana for publication of research results which shall be vital for exploration and exploitation of resources in EEZ.

U.S.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, Ghana requests 6-months prior notice.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0								
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0								
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0								
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0								
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0								
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0								
86 CR	0	87 CR	3	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		4									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0					TOTAL DN		0					
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0									TOTAL CSP		1	
86 USP	0	87 USP	1	88 USP	0	89 USP	0	90 USP	0												

Comments:

1987: 1 CSP=no response received despite repeated requests.

1 USP=CR cancelled by chief scientist to avoid possibility of having to accommodate extra coastal state participants (of the 7 countries involved in clearance, Congo and Gabon also cancelled for same reason).

GREECE

TREATY STATUS

1958 Geneva Conventions: party 11-6-72 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 6 nm
Continental Shelf: 200 m or to depth of exploitation
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 147,300 sq. nm
TS Claimed: 1936
CS Claimed: 1969
FZ Claimed: -
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Albania, Egypt, Libya, Turkey
RESOLVED: for CONTINENTAL SHELF--Italy (1980)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

- Not aware of any formal jurisdiction over MSR; Greece signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."
- 1978 Diplomatic Note from Ministry of Foreign Affairs specifies requirements for requesting permission to conduct marine scientific research in the territorial sea or continental shelf, including invitation to Greek scientific personnel to follow the research; communication of results to Greek authorities; and publication of results.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Noticas to Research Vessel Operators" (NTRVO) on this country:

1978: #47 (Research requirements for MSR in territorial waters and continental shelf)
 #50 (Embassy report)

1985: #68 ("Clearance Requests must be submitted through official channels")
 When submitting Clearance Requests, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72CR	0	73CR	0	74CR	0	75CR	1	76CR	0	77CR	2	78CR	0
72DN	0	73DN	0	74DN	0	75DN	0	76DN	0	77DN	0	78DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	1	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79CR	0	80CR	0	81CR	0	82CR	0	83CR	0	84CR	0	85CR	0
79DN	0	80DN	0	81DN	0	82DN	0	83DN	0	84DN	0	85DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86CR	0	87CR	0	88CR	1	89CR	0	90CR	0	TOTAL CR		4	
86DN	0	87DN	0	88DN	0	89DN	0	90DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

- 1977: 1 CSP=Anecdotal information unavailable.
 1983: 1 CR not forwarded; State Dept. determined clearance not required for research beyond continental shelf outside territorial sea.
 1988: (info. through Lamont-Doherty Geological Observatory) State Dept. would not forward CR due to agreement between Turkey and Greece that no research will take place in waters contested between the two countries.

GRENADA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 4-25-91

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 8,000 sq. nm
 TS Claimed: 1978
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: St. Vincent & the Grenadines, Trinidad & Tobago

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Marine Boundaries Act 1978, Act No. 20 of 1 November 1978: all rights in and jurisdiction over the economic zone in respect of the authorization, regulation, or control of scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0								
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0								
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0								
79 CR	1	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	2	85 CR	8								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0								
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1								
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0								
86 CR	6	87 CR	2	88 CR	3	89 CR	7	90 CR	0	TOTAL CR		29									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0					TOTAL DN		0					
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0									TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	2	90USP	0												

Comments:

- Associate state of Great Britain until independence in 1974; CR data for 1972-78 included with Barbados.
- 1985: 1 CSP=Approval granted after submission of amplifying information.
- 1989: 2 USP=1 CR cancelled after major revisions involving vessel and schedule changes; request cancelled owing to major revision in proposed research.
- 1991: Talks underway for unification of Windward Island Nations of Dominica, Grenada, St. Lucia and St. Vincent into one sovereign state.

GUATEMALA

TREATY STATUS

1958 Geneva Conventions: party 6-10-64 (CS)
 1982 UNCLOS III: signed 7-8-83

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: 200 m or to depth of exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 28,900 sq. nm
 TS Claimed: 1939
 CS Claimed: 1965
 FZ Claimed: -
 EEZ Claimed: 1976

MARITIME BOUNDARIES

POTENTIAL: Belize (for TERRITORIAL SEA), El Salvador, Honduras, Mexico (2)
 RESOLVED: for EEZ--Belize (1992)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)
 Legislative Decree No. 20-76 of 9 June 1976 Concerning the Breadth of the Territorial Sea and the Establishment of an EEZ: exclusive jurisdiction with regard to scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	1	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	2	82 CR	0	83 CR	0	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	1	85USP	0
86 CR	1	87 CR	1	88 CR	1	89 CR	1	90 CR	1	TOTAL CR		12	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	1	TOTAL CSP		2	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		1	

Comments:

1984: 1 USP=cancelled due to escort-ship problems.
 1985: 1 CSP=approval not received due to insufficient lead-time.
 1990: 1 CSP=despite clearance request being submitted 8 months in advance. Guatemalan approval was not received until after ship's departure to begin research.

GUINEA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 10-4-84, ratified 9-6-85

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm; was 200 nm (1965 decree)
Continental Shelf: not declared
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 20,700 sq. nm
TS Claimed: 1980
CS Claimed: -
FZ Claimed: -
EEZ Claimed: 1980

MARITIME BOUNDARIES

POTENTIAL: Sierra Leone
 RESOLVED: Guinea-Bissau (1985)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

• Not aware of any formal jurisdiction over MSR; Guinea signed and ratified UNCLOS III, however, which iterates in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

• Ordinance No. 038/PRG/85 of 23 February 1985 Approving the Maritime Fisheries Code of the Republic of Guinea, Art. 29: The Minister of Fisheries may issue written authorization for fishing operations for scientific research...upon submission by the bodies concerned of a plan of operations to be undertaken; the Minister may require that Guinean observers or scientists be taken on board scientific research vessels in the waters under the jurisdiction of Guinea; all data collected during fishing operations for scientific research and the results obtained after processing and analysis shall be communicated to the Minister for Fisheries...

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				
TOTAL DN		0		TOTAL CSP		0		TOTAL USP		0			

Comments:

CR data included with France for 1972-78.

GUINEA-BISSAU

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 8-25-86

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm; was 150 nm (1974 decree)
Continental Shelf: not declared
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 43,900 sq. nm
TS Claimed: 1978
CS Claimed: -
FZ Claimed: -
EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: Senegal
RESOLVED: Senegal (1960 through diplomatic notes between France and Portugal/but not recognized by Guinea-Bissau), Guinea (1985)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

- Not aware of any formal jurisdiction over MSR; Guinea-Bissau signed and ratified UNCLOS III, however, which iterates in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.
- Law No. 3/78 on the Extension of the Territorial Sea and Exclusive Economic Zone of 19 May 1978: All foreign vessels not authorized by the Government are prohibited from fishing in the exclusive economic zone.
- Decree-Law No. 2/86 of 29 March 1986 approving the General Law on Fisheries: The Secretary of State for Fisheries may issue written authorization for fishing operations for scientific research purposes in the waters under the jurisdiction of the Republic of Guinea-Bissau upon submission by the bodies concerned of a plan of operations to be undertaken; authorizations shall be accorded for a period not exceeding three months at the end of which the bodies responsible for the operations shall submit to the Secretary of State for Fisheries a written report giving the results of the operations.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	1	TOTAL CR		3	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

Was overseas province of Portugal until independence in 1974.

GUYANA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 38,000 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1977
Continental Shelf:	200 nm or to edge of continental margin	CS Claimed:	1977
Fisheries Zone:	200 nm	FZ Claimed:	1977
Excl. Economic Zone:	200 nm (enabling legislation only)	EEZ Claimed:	1977

MARITIME BOUNDARIES

POTENTIAL: Suriname, Trinidad & Tobago, Venezuela

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Maritime Boundaries Act, 1977, Act No. 10 of 30 June 1977: exclusive jurisdiction to authorize, regulate, and control scientific research in the EEZ, fishery zone, and on the continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1988: #75 (Regulations for Research Clearance in Territorial Waters and EEZ, and Entry into Port of Georgetown; lead-time for Clearance Requests is 4 months)

1989: #85 (Foreign participation aboard U.S. Research Vessels: Guyana has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	1	75 CR	0	76 CR	1	77 CR	2	78 CR	0						
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0						
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	1	78CSP	0						
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0						
79 CR	1	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	5						
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0						
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0						
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0						
86 CR	0	87 CR	1	88 CR	2	89 CR	1	90 CR	2	TOTAL CR		17							
86 DN	0	87 DN	0	88 DN	0	89 DN	0	TOTAL DN						0					
86CSP	0	87CSP	0	88CSP	0	89CSP	0									TOTAL CSP		2	
86USP	0	87USP	0	88USP	0	89USP	0												

Comments:

1977: 1 CSP=Anecdotal information unavailable.

1990: 1 CSP=Despite having submitted clearance request within Guyana's required lead time, Guyana did not respond until after ship's departure; research was, however, conducted as proposed.

HAITI

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 46,800 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1972
Continental Shelf:	200 m or to depth of exploitation	CS Claimed: 1959
Fisheries Zone:	was 15 nm; superseded by EEZ decree	FZ Claimed: 1972
Excl. Economic Zone:	200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Bahamas, Dominican Republic (2), Jamaica, United Kingdom (for Turks & Caicos), United States (disputed claim with Haiti over Navassa I.)
 RESOLVED: Cuba (1978), Colombia (1979)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Decree No. 38, 3 April 1977, Article 5: Exclusive jurisdictional authority with regard to scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1988: #78 (Requirements for Research Clearances)
 If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	1	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	1	81 CR	2	82 CR	2	83 CR	2	84 CR	5	85 CR	8
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	2	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	4	87 CR	1	88 CR	6	89 CR	6	90 CR	3	TOTAL CR		44	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	1	87 CSP	0	88 CSP	1	89 CSP	4	90 CSP	1	TOTAL CSP		10	
86 USP	0	87 USP	0	88 USP	1	89 USP	0	90 USP	0	TOTAL USP		1	

Comments:

1972: 1 CSP=Anecdotal information unavailable.
 1984: 2 CSP=1 approval not given until 12 days into cruise leg; 1 research amended just prior to cruise meant late request for which approval was never received.
 1986: 1 CSP= CR not approved due to insufficient notice.
 1988: 1 CSP=no response received.
 1 USP=research cancelled due to lack of funding.
 1989: 4 CSP=1 CR ship's schedule revised 4 times, clearances from 3 other countries on cruise track received, but no approval received from Haiti; 3 CRs--no response from Haiti despite repeated requests.
 1990: 1 CSP=no response received to request; research in Haitian waters cancelled.

HONDURAS

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 m or to depth of exploitation
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 63,800 sq. nm
TS Claimed: 1965
CS Claimed: 1957
FZ Claimed: -
EEZ Claimed: 1980

MARITIME BOUNDARIES

POTENTIAL: Belize, Cuba, El Salvador (disputed), Guatemala, Mexico, Nicaragua (2), United Kingdom (for Cayman I.)

RESOLVED: Colombia (1986-signed only)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Decree No. 921 of 13 June 1980 on the Utilization of Marine Natural Resources: jurisdiction and control in the regulation, authorization, and conduct of marine scientific research in the EEZ which shall be conducted only with prior consent and with participation of a government representative when the government deems its desirable.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)

1989: #85 (Foreign participation aboard U.S. Research Vessels: Honduras has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

1990: #68[4] (Lead-time for Clearance Requests is 4 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR 0	73 CR 0	74 CR 0	75 CR 0	76 CR 0	77 CR 1	78 CR 2
72 DN 0	73 DN 0	74 DN 0	75 DN 0	76 DN 0	77 DN 0	78 DN 0
72 CSP 0	73 CSP 0	74 CSP 0	75 CSP 0	76 CSP 0	77 CSP 0	78 CSP 0
72 USP 0	73 USP 0	74 USP 0	75 USP 0	76 USP 0	77 USP 0	78 USP 0
79 CR 0	80 CR 0	81 CR 1	82 CR 1	83 CR 1	84 CR 3	85 CR 6
79 DN 0	80 DN 0	81 DN 0	82 DN 0	83 DN 0	84 DN 0	85 DN 0
79 CSP 0	80 CSP 0	81 CSP 0	82 CSP 0	83 CSP 0	84 CSP 0	85 CSP 1
79 USP 0	80 USP 0	81 USP 0	82 USP 0	83 USP 0	84 USP 1	85 USP 1
86 CR 6	87 CR 1	88 CR 6	89 CR 3	90 CR 2	TOTAL CR 33	
86 DN 0	87 DN 0	88 DN 0	89 DN 0	90 DN 0		
86 CSP 0	87 CSP 0	88 CSP 2	89 CSP 1	90 CSP 0		
86 USP 1	87 USP 0	88 USP 1	89 USP 0	90 USP 0		
						TOTAL DN 0
						TOTAL CSP 4
						TOTAL USP 4

Comments:

- 1984: 1 USP= Research cancelled.
 1985: 1 CSP=no approval received due to insufficient notice by researchers;
 1 USP=cancellation due to funding problems.
 1986: 1 USP=research cancelled due to lack of funding
 1987: 1 CSP=no response received despite repeated requests.
 2 USP=1 cancellation due to funding problems; 1 approval received on short notice.
 1988: 2 CSP=1 no response despite repeated requests; 1 approved late and research cancelled.
 1 USP=research cancelled due to lack of funding.
 1989: 1 CSP=verbal approval received the day before ship entered Honduran waters.

ICELAND

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 6-21-85

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: was 200 nm; subsumed by EEZ legis.
Excl. Economic Zone: 200 nm

Marine area: 252,800 sq. nm
TS Claimed: 1979
CS Claimed: 1979
FZ Claimed: 1975
EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: Denmark (re Faroe I. and Greenland)
RESOLVED: Norway (1982 re Jan Mayen)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Law No. 41 of 1 June 1979 Concerning the Territorial Sea, Economic Zone, and Continental Shelf: jurisdiction with regard to scientific research in the territorial sea, continental shelf, and EEZ; clearance request shall consider the anticipated participation of Icelandic authorities in the research project.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1990: #68[4] (Lead-time for Clearance Requests is 7 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	2	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	2	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	3	84 CR	0	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	1
86 CR	0	87 CR	1	88 CR	2	89 CR	2	90 CR	3	TOTAL CR		18	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		2	
86 USP	0	87 USP	0	88 USP	1	89 USP	0	90 USP	0	TOTAL USP		2	

Comments:

1973: 2 CSP=1-Anecdotal information unavailable; 1-Operator requested clearance in May for seabed work in July. Blaming previous difficulties, Iceland disapproved in early July, then approved after ship arrived.

1985: 1 USP=postponement due to ship scheduling problems.

1988: 1 USP=ship change for Global Change cruise. MT. MITCHELL replaced RESEARCHER.

1989: 2 CR were for notification only, requests not required.

INDIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 587,600 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1967
Continental Shelf: 200 nm or to edge of continental margin	CS Claimed: 1976
Fisheries Zone: was 6 nm; superseded by EEZ legis.	FZ Claimed: 1956
Excl. Economic Zone: 200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Bangladesh, Pakistan

RESOLVED: Burma (1986-signed only), Maldives (1976-signed only), Sri Lanka (1974, 1976), Thailand (1978, 1979); for CONTINENTAL SHELF-Indonesia (1974, 1977), Indonesia & Malaysia (1979), Maldives & Sri Lanka (1976)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

The Territorial Waters, Continental Shelf, Exclusive Economic Zone, and other Maritime Zones Act, 1976, Act No. 80 of 28 May 1976: exclusive jurisdiction to authorize, regulate, and control scientific research in EEZ and on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1976: #25 (Restrictions to passage through 12-mi territorial sea around Andaman and Nicobar Islands)

1978: #50 (Embassy report)

1990: #68[4] (Lead-time for Clearance Requests is 7 months and per U.S. State Dept., "requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	2	78 CR	0
72 DN	0	73 DN	1	74 DN	0	75 DN	0	76 DN	0	77 DN	2	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 3 TOTAL DN 3 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0						
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0						
86 USP	0	87 USP	0	88 USP	0	89 USP	0						

Comments:

- 1973 1 DN-Operator requested clearance in February for seabed work in November. Denied in June with no reason given.
- 1977 2 DN-1 - Operator requested State Dept. advice in September 1976 on Indian jurisdiction over proposed geochemical work. In November, State requested permission for January work on continental shelf, including station within claimed territorial waters. In January, permission denied and work cancelled.
- 1 - Operator requested clearance in July directly from Indian government for seabed work in October. U.S. Embassy noted need for more lead-time. Indian participation invited, but Indian proposal to restrict publication was unacceptable to operator. Permission denied in September.

INDONESIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 2-3-86

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: exploitation
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 1,577,300 sq. nm
TS Claimed: 1960
CS Claimed: 1969
FZ Claimed: -
EEZ Claimed: 1980

MARITIME BOUNDARIES

POTENTIAL: Australia (2), Philippines, United States (for Palau), Vietnam
RESOLVED: for FISHERIES ZONE--Australia (1981); for TERRITORIAL SEA--Malaysia (1971), Papua New Guinea (1974), Singapore (1974); for CONTINENTAL SHELF--Australia (1973), India (1974, 1977), India & Malaysia (1979), Malaysia (1969, 1973), Malaysia & Thailand (1972), Papua New Guinea (1973, 1982), Thailand (1973, 1978, 1979)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Act No. 5 of 18 October 1983 on the Indonesian Exclusive Economic Zone: jurisdiction over marine scientific research (defined as any activity in connection with research on maritime aspects of the water surface, water area, seabed and subsoil) within the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1975: #24 (R/V Clearance Requirements)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Indonesia has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
- 1990: #68[4] (Lead-time for Clearance Requests is 7 months; "requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	2	76 CR	1	77 CR	2	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	1	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	1	80 CR	1	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	1	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	1	87 CR	2	88 CR	3	89 CR	0	90 CR	0	TOTAL CR		15	
86 DN	0	87 DN	0	88 DN	1	89 DN	0	90 DN	0	TOTAL DN		1	
86CSP	0	87CSP	2	88CSP	2	89CSP	0	90CSP	0	TOTAL CSP		7	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1973: 1 CSP=Operator requested clearance in February for seabed work in October. No approval was

INDONESIA

received by early September, so research was cancelled.

- 1979: 1 CSP=visa difficulties.
- 1985: 1 CSP=approval granted after "extraordinary measures by Embassy Science Officer."
- 1987: 2 CSP=1-no response received; 1- approval received two weeks after research had been revised to conduct alternative project in Australia and Papua New Guinea. It was not possible to revert back to original plan, so Indonesia research not conducted.
- 1988: 1 DN=INSTEP project not approved despite major efforts on project's behalf by Embassy; possibly due to GOI misunderstanding of U.S. intentions. Govt. of Indonesia insisted that umbrella science and technology (S&T) agreement must be in place prior to approval of individual research clearance requests.
- 2 CSP=1- no response received despite repeated requests, research conducted outside Indonesian waters;
1- no approval received despite frequent requests, supplying all information required and trip to Jakarta by Ocean Drilling Program officials.

IRAN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 45,400 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1959
Continental Shelf:	declared; limits set by boundary agreements (see below)	CS Claimed: 1955
Fisheries Zone:	50 nm in Gulf of Oman; equal to continental shelf limits in Persian Gulf	FZ Claimed: 1973
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Iraq, Kuwait, Oman, Pakistan, United Arab Emirates (2)
 RESOLVED: for CONTINENTAL SHELF--Bahrain (1972), Oman (1975), Qatar (1970), Saudi Arabia (1969), United Arab Emirates (1974 for Dubai)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; Iran signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

IRAQ

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 7-30-85

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: 200 sq. nm
Continental Shelf:	no precise definition	TS Claimed: 1958
Fisheries Zone:	not declared	CS Claimed: 1957
Excl. Economic Zone:	not declared	FZ Claimed: -
		EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Iran, Kuwait

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N N MSR Regulations other than Jurisdiction? N N (See below)

Not aware of any formal jurisdiction over MSR; Iraq signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1977: #33 (Iraqi Clearance Requests and Denials)
 1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	1	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	1	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 1 TOTAL DN 1 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				

Comments:

1977: 1 DN=Operator requested clearance in Sept. 1976 for water-column chemical work in February.
 Request denied in January, no reason given.

IRELAND

TREATY STATUS

1958 Geneva Conventions: not party
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm	Marine area: 110,900 sq. nm
Continental Shelf: no precise definition, but certain areas designated	TS Claimed: 1988
Fisheries Zone: 200 nm	CS Claimed: 1968
Excl. Economic Zone: not declared	FZ Claimed: 1977
	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: United Kingdom
RESOLVED: for CONTINENTAL SHELF--United Kingdom (1988)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

- Not aware of any formal jurisdiction over MSR; Ireland signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."
- State practice indicates that MSR in territorial sea, fishery zone and on continental shelf requires prior permission from Dept. of Foreign Affairs with seven-month lead-time requirement.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1989: #86 (Requirements and application form for conducting MSR in areas subject to Ireland's jurisdiction.) Requirements include: 1) Lead-time for Clearance Requests is 7 months and requests must be submitted through official channels); 2) applicants urged to make prior contact with appropriate Irish scientific institution to establish a sponsor; 3) condition for consent is option for Irish scientific participation in all stages of research project; and 4) access to all data collected is required including post cruise obligations for data transfer.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	1	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	1	89USP	0	90USP	0	TOTAL USP		1	

Comments:

1988: 1 USP=cancellation; Ireland stations were dropped when Global Change cruise revised to substitute ship.

ISRAEL

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: exploitation
 Fisheries Zone: no specific limits
 Excl. Economic Zone: not declared

Marine area: 6,800 sq. nm

TS Claimed: 1990
 CS Claimed: 1953
 FZ Claimed: 1937
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Cyprus, Egypt (2), Jordan, Lebanon

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)
 Not aware of any formal jurisdiction over MSR.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	1	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 1 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				

ITALY

TREATY STATUS

1958 Geneva Conventions: party 12-17-64 (TS)
 1982 UNCLOS III: signed 12-7-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: 200 m or to depth of exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: not declared

Marine area: 161,000 sq. nm
 TS Claimed: 1974
 CS Claimed: 1967
 FZ Claimed: -
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Albania, Algeria, Libya, Malta
 RESOLVED: France (1986-signed only); for CONTINENTAL SHELF-Greece (1980), Spain (1978), Tunisia (1978), Yugoslavia (1970)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

* "Regulation of Scientific Research by Foreign Vessels in Areas under Italian Jurisdiction", from Ministry of Foreign Affairs, 9 July 1984: Italian state has exclusive right to regulate, authorize and conduct scientific research in its territorial waters. For other areas under jurisdiction (i.e., the continental shelf) the Italian state grants consent for conduct of scientific research in most cases and with conditions including Italian participation aboard research vessel or at research installations (without cost), access to all samples and data from the research, prior approval for dissemination of results for projects related to exploration and exploitation of natural resources on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)
 1987: #71 (Requirements for MSR)
 1989: #85 (Foreign participation aboard U.S. Research Vessels: Italy has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
 1990: #68[4] (Lead-time for Clearance Requests is 7 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	1	76 CR	0	77 CR	1	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	1	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	1	TOTAL CR		5	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		2	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1975: 1 CSP=Operator requested clearance in May for seabed work in September. Italy set conditions on observers and on protection of the environment; research cancelled.
 1985: 1 CSP=Ocean Drilling Program approval w/restrictions received just prior to scheduled start of drilling.

JAMAICA

TREATY STATUS

1958 Geneva Conventions: party 10-8-65 (TS, CS)
 1982 UNCLOS III: signed 12-10-82, ratified 3-21-83

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: 86,800 sq. nm
Continental Shelf:	no precise limits; as party to 1958 Convention on Continental Shelf, may claim 200 m or to depth of exploitation	TS Claimed: 1971
Fisheries Zone:	not declared	CS Claimed: 1948
Excl. Economic Zone:	200 nm	FZ Claimed: -
		EEZ Claimed: 1991

MARITIME BOUNDARIES

POTENTIAL: Colombia, Cuba, Haiti, United Kingdom (for Cayman I.), United States (for Navassa I.)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Exclusive Economic Zone Act 1991: In the EEZ Jamaica has "jurisdiction in respect of ... the authorization, regulation and control of scientific research and the recovery of archaeological or historical objects"; "no person shall within the zone, except...under and in accordance with a licence granted pursuant to the relevant scheduled enactment...conduct any research"; "The Minister [of Foreign Affairs] may make regulations for...regulating the authorization, control and supervision of scientific research in the Zone and the recovery of archaeological and historical objects..."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

When submitting Clearance Requests, State Dept. recommends 3-month lead-time.

1989: #85 (Foreign participation aboard U.S. Research Vessels: Jamaica has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	0	75 CR	0	76 CR	1	77 CR	0	78 CR	1		
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0		
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0		
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0		
79 CR	1	80 CR	1	81 CR	1	82 CR	1	83 CR	3	84 CR	1	85 CR	3		
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0		
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0		
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0		
86 CR	4	87 CR	0	88 CR	8	89 CR	4	90 CR	1	TOTAL CR 32					
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			TOTAL DN 0			
86CSP	0	87CSP	0	88CSP	1	89CSP	1	90CSP	1					TOTAL CSP 3	
86USP	1	87USP	0	88USP	1	89USP	0	90USP	0						

Comments:

1986: 1 USP=research cancelled due to lack of funding.

1988: 1 CSP=approval received late, research cancelled.

1 USP=research cancelled due to lack of funding.

1989: 1 CSP=no response from Jamaica to CR despite repeated requests from State Dept.

1990: 1 CSP=Although request was made 7 months in advance, no response was received from Jamaica; research in their waters was cancelled.

JAPAN

TREATY STATUS

1958 Geneva Conventions: party 6-10-68 (TS)
 1982 UNCLOS III: signed 2-7-83

MARINE JURISDICTIONAL ZONES

Marine area: 1,126,000 sq. nm

Territorial Sea:	12 nm; 3 nm in Soya, Tsugaru, Osumi, Tsushima straits	TS Claimed: 1977
Continental Shelf:	not declared; but joint development zone established with S. Korea	CS Claimed: -
Fisheries Zone:	200 nm	FZ Claimed: 1977
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: China; North Korea; South Korea; Philippines; Russia; United States (for N. Marianas)
 RESOLVED: for CONTINENTAL SHELF--South Korea (1978, established boundary and joint development zone)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Law No. 31 of 2 May 1977 on Provisional Measures Relating to the Fishing Zone, Law No. 83 as amended by Law No. 83 of 29 November 1977: approval from Ministry of Agriculture, Forestry and Fisheries required for the catching and taking of marine animals and plants for the purposes of experiment, research, etc.
- Provisional Procedures for Request to Conduct Marine Scientific Research by Foreign Research Vessels in the Territorial Sea, on the Continental Shelf or in the Fishing Zone of Japan, Note from the Permanent Mission of Japan to the United Nations, 28 July 1988: Requests to conduct research should be submitted through diplomatic channels 2-3 months in advance with appropriate information including what opportunities exist for Japan to participate or be represented in the research project.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1978: #50 (Embassy report)
- 1989: #87 (Research Vessel Requirements for Japan, as requested by Japanese Ministry of Foreign Affairs)
- 1992: #101 (Revised operational conditions for conducting marine scientific research in Japanese waters); this notice supplements #87 and concerns safety compliance for research vessels through reporting position to Japan's Maritime Safety Agency in conjunction with its Ship Reporting System (JASREP).

When submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	1	76 CR	1	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	3	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	2	87 CR	5	88 CR	1	89 CR	1	90 CR	2	TOTAL CR		19	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	1	90 CSP	1	TOTAL CSP		2	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

- 1989: 1 CSP=Clearance process difficult and time-consuming considering Japan is member of Ocean Drilling Program.
- 1990: 1 CSP=Although request submitted late, Japan never responded; research conducted in international waters instead

JORDAN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Territorial Sea: 3 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: not declared

Marine area: 200 sq. nm

TS Claimed: 1943
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Egypt, Israel, Saudi Arabia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)
 Not aware of any formal jurisdiction over MSR.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72CR	0	73CR	0	74CR	0	75CR	0	76CR	0	77CR	0	78CR	0
72DN	0	73DN	0	74DN	0	75DN	0	76DN	0	77DN	0	78DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79CR	0	80CR	0	81CR	0	82CR	0	83CR	0	84CR	0	85CR	0
79DN	0	80DN	0	81DN	0	82DN	0	83DN	0	84DN	0	85DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86CR	0	87CR	0	88CR	0	89CR	0	90CR	0	TOTAL CR 0 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86DN	0	87DN	0	88DN	0	89DN	0	90DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				

Comments:

No U.S. clearance request activity from 1972 to present.

KENYA

TREATY STATUS

1958 Geneva Conventions: party 6-20-69 (TS,CS)
 1982 UNCLOS III: signed 12-10-82, ratified 3-2-89

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: 200 m or to depth of exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 34,500 sq. nm
 TS Claimed: 1969
 CS Claimed: 1973
 FZ Claimed: -
 EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: Somalia
 RESOLVED: Tanzania (1976)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Presidential Proclamation of 28 February 1979: exclusive jurisdiction with respect to the authorization and control of scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	1	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

KIRIBATI, REP. OF

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: 770,000 sq. nm
Continental Shelf:	not declared	TS Claimed: 1983
Fisheries Zone:	was 200 nm; superseded by EEZ. legis.	CS Claimed: -
Excl. Economic Zone:	200 nm	FZ Claimed: 1978
		EEZ Claimed: 1983

MARITIME BOUNDARIES

POTENTIAL: France (for Fr. Polynesia), Marshall Islands, Nauru, New Zealand (for Cook Is. and Tokelau I.), Tuvalu, United States (for Palmyra, Jarvis I., Howland and Baker Is.)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Marine Zones (Declaration) Act 1983, 16 May 1983, Article 10: The Minister may make regulations, in accordance with the rules of international law, for regulating the conduct of scientific research within the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	4
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	1
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	6	87 CR	3	88 CR	3	89 CR	4	90 CR	3	TOTAL CR		24	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	2	89 CSP	1	90 CSP	0	TOTAL CSP		5	
86 USP	1	87 USP	0	88 USP	0	89 USP	1	90 USP	0	TOTAL USP		2	

Comments:

Territory (as Gilbert Islands) of United Kingdom until independence in 1979.

1985: 1 CSP=request not approved due to insufficient lead-time.

1986: 1 USP=request approved although submitted with less than 30 days lead-time.

1987: 1 CSP=no response received despite repeated requests.

1988: 2 CSP= no responses received despite repeated requests.

1989: 1 CSP=CR not approved by until over a week after ship sailed. State Dept. advised ship to conduct research on schedule based on assurances that approval would be forthcoming.

1 USP=Research cancelled by NOAA.

KOREA, DEM. PEOPLE'S REP. OF (N. KOREA)

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm; and 50 nm military zone
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 37,800 sq. nm
 TS Claimed: 1977
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: China; Japan; South Korea (2)
 RESOLVED: USSR (1987?)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Decree 1 August 1977: sovereignty over, inter alia, "exploring and developing" in EEZ apparently includes marine scientific research as evidenced by state practice; 50-nm military zone in Sea of Japan and to EEZ limits in Yellow Sea prohibits navigation or overflight without prior permission.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1977: #41 (200-mi Economic Zone Claim and MSR restrictions)
 If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

KOREA, REPUBLIC OF (S. KOREA)

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 3-14-83

MARINE JURISDICTIONAL ZONES

Marine area: 101,600 sq. nm

Territorial Sea:	12 nm (except in Korea Strait where TS set at 3 nm)	TS Claimed: 1978
Continental Shelf:	limits specified through boundary agreement with Japan	CS Claimed: 1952
Fisheries Zone:	12 nm	FZ Claimed: 1965
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: China; Japan; North Korea (2)
 RESOLVED: for CONTINENTAL SHELF--Japan (1978, established boundary and joint development zone)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Territorial Sea Law, 1977 (entered into force 30 April 1978): The carrying out of research or survey activities in the territorial sea must be authorized, approved, or assented by the authorities concerned.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	1
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		2	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	1	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		2	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1985: 1 CSP=time-consuming and sensitive clearance request.

1986: 1 CSP=time-consuming and sensitive clearance request.

KUWAIT

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82; ratified 5-2-86

MARINE JURISDICTIONAL ZONES

Marine area: 3,500 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1967
Continental Shelf: proclaimed; no precise limits	CS Claimed: 1949
Fisheries Zone: not declared	FZ Claimed: -
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Iran, Iraq, Saudi Arabia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; Kuwait signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present

LEBANON

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-7-84

MARINE JURISDICTIONAL ZONES

Marine area: 6,600 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1983
Continental Shelf: not declared	CS Claimed: -
Fisheries Zone: 6 nm	FZ Claimed: 1921
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Cyprus, Israel, Syria, United Kingdom (Sovereign Base Area)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Lebanon signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

LIBERIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm
 Continental Shelf: 200 m or to depth of exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: not declared

Marine area: 67,000 sq. nm
 TS Claimed: 1977
 CS Claimed: 1969
 FZ Claimed: -
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Côte d'Ivoire, Sierra Leone

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

- Not aware of any specific jurisdiction; Liberia with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."
- State practice also indicates that researching state must request permission to conduct MSR in Liberian waters.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	1	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	2	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		5	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1972: 1 CSP=Anecdotal information unavailable.

LIBYA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-3-84

MARINE JURISDICTIONAL ZONES

Marine area: 98,600 sq. nm

Territorial Sea:	12 nm plus Gulf of Sidra as internal waters	TS Claimed: 1959
Continental Shelf:	limits to be set by boundary agreements with Tunisia and Malta (see below)	CS Claimed: 1982
Fisheries Zone:	not declared	FZ Claimed: -
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Egypt, Greece, Italy

RESOLVED: for CONTINENTAL SHELF--Malta (1987), Tunisia (1982-signed only)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Libya signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No formal U.S. clearance request activity from 1972 to present.

1983: 1 CR not forwarded; State Dept. determined that clearance not required for research beyond continental shelf outside territorial sea.

MADAGASCAR

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: signed 2-25-83

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm; was 50 nm (1973 ordinance)
Continental Shelf: 200 nm or 100 nm from 2500m isobath; was 150 nm (1973)
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm; was 150 nm (1973)

Marine area: 376,800 sq. nm
TS Claimed: 1985
CS Claimed: 1985
FZ Claimed: -
EEZ Claimed: 1985

MARITIME BOUNDARIES

POTENTIAL: Comoros, France (2; for Mayotte and Reunion), Mozambique, Seychelles

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Ordinance No. 85-013 Establishing the Boundaries of the Maritime Zones (Territorial Sea, Continental Shelf and Exclusive Economic Zone) of the Democratic Republic of Madagascar, 16 September 1985, Article 2: jurisdiction with regard to MSR in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 0 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

No U.S. clearance request activity from 1972 to present.

MALAYSIA

TREATY STATUS

1958 Geneva Conventions: party 9-10-82 (TS), 6-10-64 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: 138,700 sq. nm
		TS Claimed: 1969
Continental Shelf:	200 m or to depth of exploitation	CS Claimed: 1966
Fisheries Zone:	200 nm	FZ Claimed: 1980
Excl. Economic Zone:	200 nm	EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Brunei (2), Philippines, Singapore, Vietnam
RESOLVED: for TERRITORIAL SEA--Indonesia (1971), Singapore (1928), Thailand (2; 1973, 1982); for CONTINENTAL SHELF-- India & Indonesia (1979), Indonesia (3; 1969, 1973), Indonesia & Thailand (1972), Thailand (2, 1982; and 1979 agreement on establishment of joint authority for exploitation of the resources of the seabed)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Exclusive Economic Zone Bill 1984, Articles 4, 16-20: Jurisdiction with regard to marine scientific research in the EEZ. No marine scientific research may be conducted in the EEZ or on the continental shelf without the express consent of and subject to conditions imposed by the Government, including request not less than six months in advance of start of research; ensure right of the Government to participate in research project, especially on board research vessels; provide access to all data and samples derived from the project, furnish government with data to be copied and samples which may be divided; provide the Government with assessment of data, samples, and research results or provide assistance in their assessment or interpretation.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, Malaysian legislation requests 6-months advance notice and Malaysian participation aboard research vessel among other conditions for approval.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	0		
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0		
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	1	76 CSP	0	77 CSP	0	78 CSP	0		
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0		
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0		
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0		
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0		
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0		
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0			TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0			TOTAL USP		0	

Comments:

1975 1 CSP=Operator requested clearance for near-shore biological work; permission denied for work in Sanda Kan Harbor, sensitive area related to Vietnam war. Malaysia willing to arrange other area but research cancelled

MALDIVES

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm but geographic coordinates define irregular polygon approximately 3-55 nm	Marine area: 279,700 sq. nm
Continental Shelf:	not declared	TS Claimed: 1964/75
Fisheries Zone:	was 100 nm approximately (geographic coordinates); superseded by EEZ legis.	CS Claimed: -
Excl. Economic Zone:	37-310 nm approximately (defined by geographic coordinates)	FZ Claimed: 1964
		EEZ Claimed: 1976

MARITIME BOUNDARIES

POTENTIAL: United Kingdom (re British Indian Ocean Territory)
 RESOLVED: India (1976-signed only), India and Sri Lanka (1976)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **Y** MSR Regulations other than Jurisdiction? **Y** (See below)

- Law No. 30/76 Relating to the Exclusive Economic Zone of the Republic of Maldives, 5 December 1976: conduct of scientific research in EEZ needs assent of the Government.
- Regulations for Marine Scientific Research in the Maritime Zones of the Republic of Maldives, 15 March 1988: Regulations include: the organization/individuals carrying out research should provide Government with copies of raw and processed data, representative samples and interpretations, and final results; ensure that research results and conclusions of project of significance for exploration and exploitation of the area's resources shall not be published without prior express consent of the Government; provide quarterly reports on progress of the project; switch off all systems on board the vessel(s) doing survey work if so directed by the Maldivian Official on board; notification of number of Maldivian officers and research scientists/hydrographer that can be embarked onboard ship for duration of research in EEZ/territorial waters of the Maldives for participation in research project including [access] to all research records, samples, etc. Regulations also include appropriate application for MSR permission. [N.B.: An unusual footnote to these regulations stipulates that particular sections of the regulations "apply only to ship-based research", leaving the door open to applying these regulations to land-based research as well.]

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	1	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		2	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1987: 1 CSP=approval received only after research vessel formed several observers aboard while drilling

MALTA

TREATY STATUS

1958 Geneva Conventions: party 9-21-64 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 m or to depth of exploitation
Fisheries Zone: 25 nm
Excl. Economic Zone: not declared

Marine area: 19,300 sq. nm
 TS Claimed: 1978
 CS Claimed: 1966
 FZ Claimed: 1978
 EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Italy
 RESOLVED: Libya (1987)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)
 Not aware of any formal jurisdiction over MSR; Malta signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 1979: #55 (Ports Closed to Research Vessels)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0						
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0						
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0						
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0						
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0						
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0						
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0						
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0						
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0							
86 DN	0	87 DN	0	88 DN	0	89 DN	0	TOTAL DN						0					
86CSP	0	87CSP	0	88CSP	0	89CSP	0									TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0												

Comments:

No U.S. clearance request activity from 1972 to present

MARSHALL ISLANDS, REPUBLIC OF

TREATY STATUS

1958 Geneva Conventions:
1982 UNCLOS III: acceded to 8-9-91

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: not declared
Fisheries Zone: 200 nm
Excl. Economic Zone: 200 nm

Marine area: incl. w.U.S. sq. nm
TS Claimed: 1978
CS Claimed: -
FZ Claimed: 1978
EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Fed. States of Micronesia, Kiribati, Nauru, United States (for Wake Island)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Marshall Islands Marine Resources Jurisdiction Act of 1978, Sec. 8.409: Regulations for the conservation and management of the fishery resources of the Territorial Sea, Exclusive Fishery Zone and Extended Fishing Zone...may be related, inter alia...concerning collection of scientific data and authorizing and regulating the conduct of fishery research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	4	89 CR	1	90 CR	2	TOTAL CR		8	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	1	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

Republic of the Marshall Islands signed Compact of Free Association with United States in 1986

1988: 1 CR =made by U.S. Dept. of State at NOAA's request on behalf of Chinese vessel, Xiangyuanhong No. 14 participating in TOGA cruise (Tropical Ocean Global Atmospheric Experiment).

1990: 1 CSP=request submitted for U.S. researchers aboard Soviet R/V Akademikian Selskiy; Marshall Islands wanted Soviets to make request. Research was instead conducted in international waters.

MAURITANIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: was 12 nm; superseded by EEZ legis.
Excl. Economic Zone: 200 nm

Marine area: 45,000 sq. nms
TS Claimed: 1988
CS Claimed: 1988
FZ Claimed: 1963
EEZ Claimed: 1988

MARITIME BOUNDARIES

POTENTIAL: Senegal
RESOLVED: for CONTINENTAL SHELF--Morocco (1976-signed only)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Law No. 78.043 Establishing the Code of the Merchant Marine and Maritime Fisheries of 28 February 1978: jurisdiction as concerns marine scientific research in the EEZ.
- Ordinance 88-120 of 31 August 1988 Establishing the Limits and the Legal Regime of the Territorial Sea, the Contiguous Zone, the Exclusive Economic Zone and the Continental Shelf: abrogates most pertinent articles of Law No. 78.043 above; changes breadth of territorial sea to 12 nm; reiterates breadth of EEZ and continental shelf claims; does not explicitly claim jurisdiction over MSR as in above law, but rather in the EEZ "reserves its sovereign and exclusive rights...with regard to [other] rights and obligations recognized under international law."
- Ordinance 88-144 of 30 October 1988 Instituting a Marine Fisheries Code: Conduct of scientific research fishing operations in Mauritanian maritime waters is subject to previous authorization by Minister of Fisheries; the Minister may require that Mauritanian scientists or observers board research vessels operating in Mauritanian maritime waters; data collected and results shall be communicated to Ministry of Fisheries or another designated agency.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1972: #03 (Extension of territorial sea to 30 nm; claims against foreign fishing vessels)
 [N.B.: territorial sea claim extended to 70 nm in 1978 and reduced to 12 nm in 1988, along with indirect jurisdiction over MSR in 1988 ordinance.]

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	1	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	1
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	1	88 CR	1	89 CR	0	90 CR	0	TOTAL CR		6	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	1	89 CSP	0	90 CSP	0				
86 USP	1	87 USP	0	88 USP	0	89 USP	0	90 USP	0				
										TOTAL DN		0	
										TOTAL CSP		2	
										TOTAL USP		1	

Comments:

- 1985: 1 CSP--Mauritania requested participation after research completed.
 1986: 1 USP--Clearance procedure complicated by late submission of request.
 1988: 1 CSP--Approval received too late; research cancelled.

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TREATY STATUS

1958 Geneva Conventions: party 10-5-70 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 344,500 sq. nm
TS Claimed: 1977
CS Claimed: 1977
FZ Claimed: -
EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Seychelles
RESOLVED: France (1980 for Reunion)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Maritime Zones Act 1977, Act No. 13 of 1 August 1977: exclusive jurisdiction to authorize, regulate, and conduct scientific research on the continental shelf and in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	1	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		1	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1987: 1 DN=Ocean Drilling Program/drilling not approved.

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TREATY STATUS

1958 Geneva Conventions: party 8-2-66 (TS, CS)
1982 UNCLOS III: signed 12-10-82, ratified 3-18-83

MARINE JURISDICTIONAL ZONES

		Marine area: 831,500 sq. nm
Territorial Sea:	12 nm	TS Claimed: 1969
Continental Shelf:	200 nm or to edge of continental margin	CS Claimed: 1986
Fisheries Zone:	was 12 nm; superseded by EEZ legis.	FZ Claimed: 1966
Excl. Economic Zone:	200 nm	EEZ Claimed: 1976

MARITIME BOUNDARIES

POTENTIAL: Belize, Guatemala (2), Honduras

RESOLVED: Cuba (1976), United States (3, 1976; exchange of notes governs application of boundary pending exchange of instruments of ratification of treaty signed in 1978); for TERRITORIAL SEA--United States (2; 1972)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Requirements Applicable to Marine Scientific Research Projects Carried Out by Foreign Nationals in the Territorial Sea, on the Continental Shelf and in the Exclusive Economic Zone of Mexico, Ministry of Foreign Affairs, 7 June 1976: Requests to conduct marine scientific research in Mexican waters must be submitted 180 days before start of research; requests must among other items indicate that a sufficient number of places will be set aside on board ship or aircraft to enable scientists or technicians designated by Government of Mexico and the Mexican institutions concerned to participate in all or part of the project and field operations; guarantee participation of scientists and technicians designated by the Government at stages of planning and final evaluation of the research; provide cruise report describing operations carried out and observations made, including those carried out on land expedition and by means of aerial reconnaissance and remote sensing, is applicable; provide information on reference systems and requirements for access to collections, data centres, etc. where information and materials obtained in the course of the research will be deposited.

• Amendment to Article 27 of the Constitution, 31 July 1976, Article 4: Jurisdiction with respect to marine scientific research in the EEZ.

• Mexican Federal Act Relating to the Sea of 8 January 1986: sovereign rights, jurisdiction, and competence with regard to marine scientific research in the territorial sea, EEZ, and continental shelf; principles include that possible degree of national participation shall be ensured; government will receive the results of research and, if it so requests, necessary assistance for interpretation and evaluation thereof.

• Regulation for the Enforcement of the Federal Fisheries Act of 7 January 1988: enforces Federal Fisheries Act for non-commercial fishing, for purposes of study, research, experimentation, exploration, pisciculture, development, restocking and conservation of fish resources; requires application for permit by foreigners through Ministry of Fisheries and Ministry of Foreign Affairs.

• State practice indicates port clearance required for research vessel with 14 days prior notice.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1972: #06 (Research requirements)

1973: #11 (Research requirements)

1976: #29 (Research requirements)

1977: #44 (Research requirements)

1978: #50 (Embassy report)

1979: #53, 54, 58, 59 (Research requirements)

1981: #63 (Research requirements; cancels all above)

1985: #63a (Clearance request lead-time for Mexico)

1989: #85 (Foreign participation aboard U.S. Research Vessels: Mexico has stated or experience has indicated that foreign participation is required as a condition of

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approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

1990: #68[4] (Lead-time for Clearance Requests is 7 months and, per U.S. State Dept., "requests must be submitted through official channels")

1991: #98 (Requirements for conducting Marine Scientific Research in Mexican Waters): via Mexican Dept. of Foreign Relations 19 June 1990, requests to Mexico must be in total compliance with Mexican format because Mexican government will not initiate processing until it has complete information. Requirements stipulate payment of a fee for any research involving collection of samples of living resources in areas under Mexican jurisdiction (procedure, fee rates defined); the Govt. of Mexico requires 180 days to process request from the time the fee is received. Mexico requires 4 copies of all post cruise obligations.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	6	73 CR	8	74 CR	10	75 CR	12	76 CR	7	77 CR	14	78 CR	12
72 DN	0	73 DN	0	74 DN	0	75 DN	1	76 DN	1	77 DN	0	78 DN	0
72 CSP	2	73 CSP	2	74 CSP	5	75 CSP	5	76 CSP	1	77 CSP	9	78 CSP	7
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	33	80 CR	19	81 CR	26	82 CR	12	83 CR	11	84 CR	13	85 CR	20
79 DN	0	80 DN	1	81 DN	4	82 DN	2	83 DN	0	84 DN	2	85 DN	2
79 CSP	11	80 CSP	7	81 CSP	2	82 CSP	2	83 CSP	3	84 CSP	4	85 CSP	10
79 USP	3	80 USP	4	81 USP	3	82 USP	5	83 USP	1	84 USP	3	85 USP	5
86 CR	29	87 CR	17	88 CR	23	89 CR	19	90 CR	26	TOTAL CR		319	
86 DN	5	87 DN	1	88 DN	1	89 DN	1	90 DN	2	TOTAL DN		23	
86 CSP	12	87 CSP	12	88 CSP	16	89 CSP	13	90 CSP	16	TOTAL CSP		139	
86 USP	3	87 USP	1	88 USP	2	89 USP	2	90 USP	10	TOTAL USP		42	

Comments:

1972: 2 CSP=anecdotal information unavailable.

1973: 2 CSP=anecdotal information unavailable.

1974: 5 CSP=4 anecdotal information unavailable; 1 Operator requested clearance for seabed work with 5-mo. lead-time. No response received and research cancelled.

1975: 1 DN =operator requested clearance for seabed work with 6-mo. lead-time; request denied with no reason given.

5 CSP=anecdotal information unavailable.

1976: 1 DN =operator requested clearance for seabed diving with 3-mo. lead-time; request denied with no reason given.

1 CSP=anecdotal information unavailable.

1977: 9 CSP=anecdotal information unavailable.

1978: 7 CSP=6 anecdotal information unavailable; 1 operator requested clearance for water-column work with 1-mo. lead-time. No response received, so work moved offshore.

1979: 11 CSP=10 delayed approvals; 1 postponement requiring new CR.

3 USP=2 cancellation/lack of funding, 1 cancellation/scheduling conflicts.

1980: 1 DN =by Mex. Fisheries Ministry on tuna research.

7 CSP=delayed approvals.

4 USP=3 postponements or cancellations by operating inst.; 1 ship substitution.

1981: 4 DN =1 insistence of Mexican Navy, no reason given; 1 tuna migration research denied at insistence of Mex. Fisheries Ministry; 1 at insistence of Mex. Fisheries Ministry--similar work by Mex. research vessel made U.S. cruise unnecessary; 1 DN for two of six segments of CR, no reason given.

2 CSP=1 modified at insistence of Mex. Fisheries Ministry, 1 cancellation due to restrictions by Fisheries Ministry.

3 USP=1 postponement by operating institution; 1 cancellation due to funding problems; 1 interruption/ship problems.

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- 1982: 2 DN -no reason given.
 2 CSP=1 required extensive supplemental information at last minute by Govt. of Mexico; 1 delayed approval.
 5 USP=2 cancellation/ship problems; 2 research area changed to outside Mexican jurisdiction by chief scientists; 1 cancellation/funding problems.
- 1983: 1 CSP=3 delayed approvals.
 1 USP=cancellation/ship problems.
- 1984: 2 DN -CRs did not meet 6 month prior notice requirement.
 4 CSP=approvals received after scheduled start of cruises.
 3 USP=1 approval given inside required lead-time; 2 cancellations--1 for funding problems, 1 ship problem.
- 1985: 2 DN -CRs did not meet 6 month prior notice requirement.
 10 CSP=2 delays to research awaiting overdue approval; 6 individual collection permit requests (no R/V), approval never received; 1 CR not approved (insufficient lead-time), 1 CR not approved.
 5 USP=1 complicated request w/late, major schedule revisions; 1 request by individual scientist (no R/V, but must submit through official channels); 3 cancellations--2 ship problems, 1 funding problem.
- 1986: 5 DN = 3 no reason given; 2 late submission and schedule changes.
 9 CSP=9 delayed approvals resulting in changes or cancellations.
 3 USP=2 cancellations (1 due to funding); 1 CR referred to Intl. Boundary and Water Commission.
- 1987: 1 DN = was later approved by Sec. de Relaciones Exteriores (SRE) one month after completion of research (outside Mexican waters) when Mexican Naval participants protested SRE denial.
 12 CSP=6 no responses received, usually despite repeated requests:
 • 3 approved with payment of fees requested (research cancelled in 1 instance; research conducted in two other instances but fee not paid);
 • 3 late approvals (2 days to 1 month late causing revised schedules or research conducted outside Mexican waters).
 1 USP=research cancelled prior to response owing to project revisions.
- 1988: 1 DN -request denied owing to late changes in research and schedule. Mexico requires additional six-month notice for revisions.
 16 CSP=1 not approved, no reason given.
 • 4 approved late but research conducted on revised schedule.
 • 3 approved late and research cancelled;
 • 8 collection permits: 1 approved 1 month late, research cancelled; 2 Mexico asked researchers to reschedule, research was cancelled; 1 not approved despite repeated requests and initial request was made 1 year in advance; 1 not approved, research rescheduled and then not approved until 3 months past requested start, research cancelled; 1 requested a year in advance and approved 5 months late, research cancelled; 1 after requesting researcher to postpone initial request from April until July, Mexico did not approved until October, research cancelled; 1 approved 2 weeks late, researcher was detained by Mexican officials for starting research on proposed date, U.S. Embassy facilitated his release.
- 2 USP=2 requests not approved owing to short notice.
- 1989: 1 DN =1 denial, no reason given
 13 CSP=2 request not approved, Foreign Ministry asked ships to reschedule (research cancelled in 1 case);
 • 3 port call problems encountered (in two cases vessels had problems despite Foreign Ministry's assurances that requests were approved.
 • 5 approval given 2 days to 1 month after proposed start of research (in 1 case permit not received until 2 weeks after start, even though request was submitted 6 months in advance but name of contract charter vessel given to Foreign Ministry only 6 weeks prior to scheduled start of research).
 • 2 approvals received 1 to 3 days prior to start of research.
 • 1 NOAA aircraft requested waiver of prior notice required for landing clearances.
- 2 USP= 1 permit not received until 4 days after start of research because charter vessel name was not reported to Mexican For. Ministry until 1 month before start of research.
 • 1 research cancelled.
- 1990: 2 DN = 1 CR denied by Mexico for not providing material which had indeed been provided at least once;
 • 1 CR denied by Govt. of Mexico four months after scheduled start of research even though research was described by sponsors and verified by Mexican support letter as a cooperative venture under the MEXUS GULF agreement.
- 16 CSP=1 CR made 7 months in advance for cooperative research project between U.S. Natl. Marine Fisheries Serv. and Mexican fisheries agency, Pesca; approval received day of ship's scheduled departure; research conducted on schedule.
 • 1 CR made over 7 months in advance, Mexican approval not received until 10 days after ship departed; research proposed near end of survey was conducted as scheduled.

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- 7 CRs made in advance of 6-month lead time and approval not received until after scheduled start of research (research conducted on revised schedule).
 - 1 CR submitted 8 months prior but approval held up (probably because of tuna embargo); research conducted at end of survey period rather than at beginning as scheduled.
 - 1 CR held up by U.S. embassy pending submission of Mexican support letter and submitted late; approval received 1 week past original start date and research conducted on revised schedule.
 - 1 NOAA aircraft request for waiver of landing notice, although not a research request and although submitted with 6- month notice, approval not received until 2 weeks after requested start date.
 - 3 collection permit requests made in advance of 6-month lead time, permits not issued until after scheduled start date; 1 research conducted as proposed, 1 conducted late, 1 cancelled.
 - 1 collection permit request submitted 2 months late owing to late delivery of Mexican support letter and list of species. Approval never given, no response from Mexican Foreign Ministry.
- 10 USP=1 CR submitted late and approval received 1 month early.
- 1 CR made 1 month late, approval given 1 week late.
 - 2 CR held up by Embassy for 2 months owing to revisions and submitted with less than 6-month notice; approvals received day ships sailed and research conducted without disruption.
 - 1 CR not accepted by Mexico owing to late notice.
 - 3 CRs cancelled due to lack of funding prior to Mexican response.
 - 1 CR cancelled for logistical reasons prior to Mexican response.
 - 1 CR for cooperative research cancelled prior to Mexican response.

NB: An agreement formalized in 1990 between Texas A&M Univ. and the Mexican government allows Texas A&M oceanographers access to Mexican waters for scientific studies without requesting permission through the U.S. State Dept. Dr. Gil Rowe of Texas A&M's Dept. of Oceanography said that the agreement, called AMIGO, is the result of a longtime informal agreement. Texas A&M writes to the Mexican Admiral of Oceanography who then notifies the State Dept. Three projects under this agreement involving Texas A&M oceanographers include an ecosystems study on the northern continental shelf, investigation of warm water eddies offshore in the Gulf of Mexico, and a study of the geological and sedimentary composition of the western Gulf.

MICRONESIA, FEDERATED STATES OF

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: acceded to 4-29-91

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: incl. w/U.S. sq. nm
Continental Shelf:	not declared	TS Claimed: 1988
Fisheries Zone:	was 12 nm; superseded by EEZ legislation	CS Claimed: -
Excl. Economic Zone:	200 nm	FZ Claimed: -
		EEZ Claimed: 1988

MARITIME BOUNDARIES

POTENTIAL: Marshall Islands, Papua New Guinea, United States (for Guam and Palau)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Public Law No. 5-112 of 16 December 1988: Within the exclusive economic zone, the government shall have jurisdiction with regard to marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1991: #100 (Research permit application form required for research clearance requests to the Federated States of Micronesia for conducting marine scientific research): form must be submitted to obtain permit to conduct research; among other items, form requests capacity of vessel to accommodate scientific participants or trainees.

When submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR - Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0		
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0		
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0		
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0		
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1		
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0		
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0		
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0		
86 CR	1	87 CR	1	88 CR	3	89 CR	1	90 CR	5	TOTAL CR 12					
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			TOTAL DN 0			
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	2					TOTAL CSP 2	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	1						

Comments:

Fed. States of Micronesia (FSM) signed Compact of Free Association with United States in 1986. We include the FSM because clearance requests from the United States are submitted to Micronesia as a distinct entity and because Micronesia has established its marine zones independent of the U.S.

1988: 1 CR made by U.S. Dept. of State at NOAA's request on behalf of Chinese vessel, Xiangyanghong No. 14, participating in TOGA cruise (Tropical Ocean Global Atmospheric Experiment).

1990: 2 CSP= 1 approval received late after many problems caused by changes in FSM's internal procedures, drilling proceeded on schedule; 1 no response received through official channels (via U.S. State Dept.) but response and all further details were arranged between U.S. Geological Survey and FSM.

MONACO

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: not declared
Fisheries Zone: was 12 nm; subsumed by TS ordinance
Excl. Economic Zone: not declared

Marine area: <100 sq. nm
TS Claimed: 1973
CS Claimed: -
FZ Claimed: 1967
EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: France (1985)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Monaco signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

MOROCCO

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 81,100 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1973
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1958
Fisheries Zone:	was 70 nm (6 nm in Strait of Gibraltar); amended by EEZ legis.	FZ Claimed:	1973
Excl. Economic Zone:	200 nm	EEZ Claimed:	1981

MARITIME BOUNDARIES

POTENTIAL: Algeria, Portugal, Spain (2)
 RESOLVED: for CONTINENTAL SHELF--Mauritania (1976-signed only)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Act No. 1-81 of 18 December 1980 promulgated by Dahir No. 1-81-179 of 8 April 1981 establishing a 200-nm Exclusive Economic Zone, Articles 4 and 5: exclusive competence in the EEZ with respect to marine scientific research; any scientific or archaeological research or exploration in the EEZ shall be subject to prior authorization of the Moroccan Administration.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1979: #56 (Clearance requests must be submitted through official channels)
 1990: #68[4] (Lead-time for Clearance Requests is 7 months; "requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	1
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	1
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	1	82 CR	1	83 CR	2	84 CR	0	85 CR	3
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	4	87 CR	1	88 CR	2	89 CR	0	90 CR	1	TOTAL CR		19	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		1	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	1	87 USP	1	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		2	

Comments:

1978: 1 DN - Anecdotal information unavailable.

1 CSP=Operator requested clearance for seabed work with 3-mo. lead-time. Approval received one month after scheduled start of research.

1986: 1 USP=Request approved with only 1 month lead-time.

1987: 1 USP=Request approved with only 2 month lead-time.

MOZAMBIQUE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 163,900 sq. nm
 TS Claimed: 1976
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1976

MARITIME BOUNDARIES

POTENTIAL: Comoros, France (for Reunion), Madagascar, South Africa, Tanzania

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Act No. 8/78 of 22 April 1978, Article 22: Any scientific research activities related to the existence of living resources in Mozambique's territorial waters (territorial sea and EEZ) shall be regulated by the State.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

MYANMAR (BURMA)

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 148,600 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1968
Continental Shelf:	200 nm or to edge of the continental margin	CS Claimed: 1977
Fisheries Zone:	not declared	FZ Claimed: -
Excl. Economic Zone:	200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Bangladesh
 RESOLVED: India (1986-signed only), Thailand (1982)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Territorial Sea and Maritime Zones Law, 1977, Pyithu Hluttaw Law No. 3 of 9 April 1977: exclusive jurisdiction to authorize, regulate, and control scientific research in the territorial sea, EEZ, and on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	1	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR 1 TOTAL DN 1 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

Comments:

1973: 1 DN-Operator requested clearance for seabed work with 11-mo. lead-time. Request denied; no reason given.

NAMIBIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 4-18-83 (by UN Council for Namibia)

MARINE JURISDICTIONAL ZONES

Marine area: 145,900 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1990
Continental Shelf:	as defined in the Convention, i.e., 200 nm or to edge of continental margin	CS Claimed: 1990
Fisheries Zone:	was 12 nm; superseded by EEZ	FZ Claimed: 1963?
Excl. Economic Zone:	200 nm	EEZ Claimed: 1990

MARITIME BOUNDARIES

POTENTIAL: Angola, South Africa

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

• Territorial Sea and Exclusive Economic Zone of Namibia, Act. No. 3 of 1990: In defining and delimiting its territorial sea, exclusive economic zone and continental shelf, Namibia did not stipulate jurisdiction over MSR therein. Namibia (through the UN Council) signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea"; and in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72CR	0	73CR	0	74CR	0	75CR	0	76CR	0	77CR	0	78CR	0
72DN	0	73DN	0	74DN	0	75DN	0	76DN	0	77DN	0	78DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79CR	0	80CR	0	81CR	0	82CR	0	83CR	0	84CR	0	85CR	0
79DN	0	80DN	0	81DN	0	82DN	0	83DN	0	84DN	0	85DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86CR	0	87CR	0	88CR	0	89CR	0	90CR	0	TOTAL CR		0	
86DN	0	87DN	0	88DN	0	89DN	0	90DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

Although the UN formally ended South Africa's mandate over Namibia in 1966, South Africa retained administrative control until 1990. Namibia became an independent state as of 21 March 1990 and a member of the U.N. as of 23 April 1990.

NAURU

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: not declared
Fisheries Zone: 200 nm
Excl. Economic Zone: not declared

Marine area: 92,800 sq. nm
TS Claimed: 1972
CS Claimed: -
FZ Claimed: 1978
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Kiribati, Marshall Islands

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Marine Resources Act 1978 (No. 8 of 1978): fishing within the territorial waters or the exclusive fishing zone for the purposes of fisheries research, experimentation, or sport, subject to the prior consent in writing of the Minister.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	2	88 CR	1	89 CR	0	90 CR	1	TOTAL CR		5	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1987: 1 CSP=requestor cancelled clearance request when additional information was requested.

1988: 1 CR made by U.S. Dept. of State at NOAA's request on behalf of Chinese vessel, Xiangyanghong No. 14, participating in TOGA cruise (Tropical Ocean Global Atmospheric Experiment).

NETHERLANDS

TREATY STATUS

1958 Geneva Conventions: party 2-18-66 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 49,000 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1985
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1965
Fisheries Zone:	200 nm	FZ Claimed:	1977
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

POTENTIAL: Belgium; for Caribbean parts: Dominican Republic, France (2 for Guadeloupe), Saint Kitts/Nevis, United Kingdom (for Anguilla), United States (for Puerto Rico/Virgin Is.)
 RESOLVED: for CONTINENTAL SHELF--Federal Republic of Germany (1965, 1972), United Kingdom (1966, 1972-Protocol); for Caribbean parts: Venezuela (2; 1978)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; state practice may be extrapolated from published procedures by the Netherlands Ministry of Foreign Affairs for Netherlands' researchers to obtain research clearances in foreign waters, October 1978: permission should be requested for research in the internal waters or territorial sea of a coastal State as well as for research on the bottom of the continental shelf (to a depth of 200 m).

- Continental Shelf Mining Act of 23 September 1965: "It shall be forbidden, without a licence granted by Our Minister, to conduct surveys in, on or above the continental shelf whereby the presence of minerals in or on that shelf can be proven or whereby such minerals can be produced...Our Minister may, in agreement with Our Minister of Education and Science, and in response to a request therefor, grant exemption from the provisions...for the purposes of surveys which are neither reconnaissance surveys nor prospecting surveys..."
- Current state practice holds that Coastal States should be notified of any research to be conducted in foreign EEZs or fishing zones and state practice also indicates that 4-month advance notification is required for research activities to be conducted in areas under Netherlands' jurisdiction.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #51 (Procedures for Netherlands researchers requesting foreign clearances)
 1989: #68(3) (Lead-time for Clearance Requests is 4 months and per U.S. State Dept., "requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	1	75 CR	0	76 CR	0	77 CR	3	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	0	82 CR	1	83 CR	1	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	1
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	1	85 USP	0
86 CR	4	87 CR	2	88 CR	2	89 CR	5	90 CR	2	TOTAL CR		27	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		2	
86 USP	0	87 USP	0	88 USP	0	89 USP	1	90 USP	0	TOTAL USP		2	

Comments:

1979: 1 CR for Caribbean parts.
 1982: 1 CR for Caribbean parts.
 1983: 1 CR for Caribbean parts.

NETHERLANDS

- 1984 : 1 CR Caribbean parts; 1 USP=research attended prior to cruise; CR cancelled.
- 1985: 2 CRs for Caribbean parts; 1 CSP=approval received after submission of amplifying information.
- 1986 : 4 CRs for Caribbean parts.
- 1987: 2 CRs for Caribbean parts; 1 CSP=no response received from Netherlands Antilles despite repeated requests.
- 1988: 2 CRs for Caribbean parts (Netherlands Antilles).
- 1989: 5 CRs for Caribbean parts (Netherlands Antilles).
1 USP=CR cancelled owing to major revision in proposed research.
- 1990: 2 CRs for Caribbean parts (Netherlands Antilles 1, Saba 1).

NEW ZEALAND

TREATY STATUS

1958 Geneva Conventions: party 1-18-65 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 1,792,800 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1978
Continental Shelf:	200 nm or to edge of continental margin	CS Claimed:	1978
Fisheries Zone:	was 12 nm; amended by EEZ legis.	FZ Claimed:	1966
Excl. Economic Zone:	200 nm, including dependency of Tokelau (see individual listings for NIUE and COOK ISLANDS)	EEZ Claimed:	1978

MARITIME BOUNDARIES

POTENTIAL: Australia (2), Tonga; for Tokelau I.: Cook Islands (N.Z.), France (for Wallis & Futuna I.), Kiribati, Western Samoa. See also individual listings for COOK ISLANDS and NIUE.

RESOLVED: United States (1983 for Am. Samoa re Tokelau and Cook Islands)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Territorial Sea and Exclusive Economic Zone Act 1977, Act. No. 28 of 26 September 1977 as amended by Act No. 146 of 1980: A foreign fishing craft may be used for fishing within the EEZ for purpose of fisheries research or of experimentation or sport, subject always to the prior consent in writing of the Minister.... The Governor-General may from time to time make regulations for ... regulating the conduct of scientific research within the territorial sea and EEZ.

• Tokelau Act 1977, of 23 December 1977 (for dependency of Tokelau): The Governor-General may from time to time make regulations for ... regulating the conduct of scientific research within the territorial sea and EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	1	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	1	85 USP	1
86 CR	2	87 CR	0	88 CR	2	89 CR	0	90 CR	4	TOTAL CR		12	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		2	

Comments:

1984: 1 USP=cancellation due to ship problems.

1985: 1 USP=complicated CR due to major schedule revisions late in clearance process.

1986: 2 CR for Tokelau (New Zealand Associated Territory).

1988: 2 CR for Tokelau.

1990: 4 CR=2 for New Zealand, 2 for Tokelau.

NICARAGUA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-9-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm	Marine area: 46,600 sq. nm
Continental Shelf: 200 m	TS Claimed: 1979
Fisheries Zone: was 200 nm; subsumed by TS legis.	CS Claimed: 1948
Excl. Economic Zone: not declared	FZ Claimed: 1965
	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Colombia, Costa Rica (2), El Salvador, Honduras (2)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; Nicaragua with its 200-nm territorial sea in 1984 signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

• Circular CD-5-18-81 of 18 May 1981: clearance requirements for aircraft over-flight and vessel transit of territorial sea, including for purposes of marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	2	78 CR	4								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0								
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0								
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0								
79 CR	1	80 CR	0	81 CR	1	82 CR	0	83 CR	0	84 CR	0	85 CR	0								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0								
79 CSP	0	80 CSP	0	81 CSP	1	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0								
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0								
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		9									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0					TOTAL DN		0					
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0									TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0												

Comments:

1981: 1 CSP=cancellation due to unacceptable conditions imposed for approval.

NIGERIA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 5-28-71 (CS)
 1982 UNCLOS III: signed 12-10-82; ratified 8-14-86

MARINE JURISDICTIONAL ZONES

Marine area: 61,500 sq. nm

Territorial Sea:	30 nm	TS Claimed:	1971
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1969
Fisheries Zone:	was 12 nm; amended by EEZ legis.	FZ Claimed:	1971
Excl. Economic Zone:	200 nm	EEZ Claimed:	1978

MARITIME BOUNDARIES

POTENTIAL: Benin, Equatorial Guinea, Ghana, Sao Tome & Principe
 RESOLVED: Cameroon (1975)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Decree No. 40, 1975: foreign vessels must provide notification prior to transiting territorial sea.
- Exclusive Economic Zone Decree No. 28, 5 October 1978, Explanatory Note: right to regulate by law marine scientific research within EEZ.
- "Nigerian Research Clearance Requirements", issued as U.S. Dept. of State "Notice to Research Vessel Operators No. 72", 6 January 1988: requirements for conducting oceanographic research in Nigerian waters apply up to the limit of the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1988: #72 (Research Clearance Requirements; lead-time for requests is 7 months.)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Nigeria has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		2	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

NIUE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 5-12-84

MARINE JURISDICTIONAL ZONES

Marine area: incl. w/N.Z. sq. nm

Territorial Sea:	12 nm	TS Claimed: 1978
Continental Shelf:	not declared	CS Claimed: -
Fisheries Zone:	repealed by EEZ legislation	FZ Claimed: 1977
Excl. Economic Zone:	200 nm	EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: Cook Islands, Tonga, United States (for Am. Samoa)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Territorial Sea and Exclusive Economic Zone Act, Act. No. 38 of 7 April 1978: A foreign fishing vessel may be used for fishing within the EEZ for the purpose of fisheries research or of experimentation...subject to the prior consent of the Cabinet.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	2	TOTAL CR		3	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

Niue is self-governing territory (since 1974) in free association with New Zealand.

We show Niue separately since it has legislated for MSR independent of New Zealand and because clearance requests from the United States are submitted to Niue as a separate entity.

NORWAY

TREATY STATUS

1958 Geneva Conventions: party 10-9-71 (CS)
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 590,500 sq. nm

Territorial Sea: 4 nm	TS Claimed: 1812
Continental Shelf: 200 nm plus natural prolongation	CS Claimed: 1963?
Fisheries Zone: was 12 nm; amended by EEZ legis.	FZ Claimed: 1961
Excl. Economic Zone: 200 nm	EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Russia, Denmark (for Greenland)

RESOLVED: Denmark (1980 for Faroe I.); for Jan Mayen--Iceland (1982); for **TERRITORIAL SEA**--Sweden (1932); for **CONTINENTAL SHELF**--Denmark (1966, 1974), Sweden (1969), USSR (1958), United Kingdom (1965, 1980)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Act No. 91 of 17 December 1976 Relating to the Economic Zone of Norway: The King may issue specific regulations in respect of economic zone, including regulations concerning scientific research.
- Royal Decree of 31 January 1969 (Rules Relating to Scientific Research for Natural Resources on the Norwegian Continental Shelf): Defines the natural resources of the sea-bed and its subsoil in Norwegian waters; written application (in Norwegian) for scientific research license must be filed with Ministry of Industry and Handicraft at least 30 days prior to commencement of research activities (appendices to application should be presented in Norwegian or English).

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1977: #31 (Port clearances for research vessels)

1988: #73 (Research clearances and port calls)

If submitting Clearance Request, State Dept. recommends 3-month lead-time. As of 1989, State Dept. noted that Norway requires only notification for research in EEZ, but prior approval for naval vessels.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	1	77 CR	0	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	1	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	5	84 CR	3	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	2	84USP	0	85USP	0
86 CR	1	87 CR	3	88 CR	5	89 CR	4	90 CR	2	TOTAL CR		26	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		2	

Comments:

1976: 1 CSP=Anecdotal information unavailable.

1983: 2 USP=1 for military data gathering granted for outside 4-nm territorial sea; 1 landing clearance for NOAA aircraft.

1989: For academic research vessels, Norway requires notification only for research in its EEZ; for naval vessels prior approval is required. 1 CR for dependency: Jan Mayen.

1990: 1 CR for dependency: Jan Mayen.

OMAN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 7-1-83; ratified 8-17-89

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm	Marine area: 163,800 sq. nm
Continental Shelf: 200 m or to depth of exploitation	TS Claimed: 1972/81
Fisheries Zone: was 200 nm; superseded by EEZ decree	CS Claimed: 1972
Excl. Economic Zone: 200 nm	FZ Claimed: 1977
	EEZ Claimed: 1981

MARITIME BOUNDARIES

POTENTIAL: Iran; Pakistan; United Arab Emirates (2); Republic of Yemen
 RESOLVED: for CONTINENTAL SHELF-Iran (1975)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y MSR Regulations other than Jurisdiction? N Y (See below)

Not aware of any formal jurisdiction over MSR; however, Oman signed and ratified UNCLOS III. Upon ratification Oman declared that it possesses sovereign rights over its economic zone and exercises jurisdiction over that zone as provided for in the Convention. Article 246 of the Convention iterates: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

• Application form, "Request for Foreign/Regional Vessel Operation in Omani Waters to Conduct: Survey/Research/Fishing" was published by the United Nations (UN 1989) and included request for information on research space and living accommodations available for Omani personnel on board research vessel.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)

1990: #68[4] (Lead-time for Clearance Requests is 4 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	3
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	1
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		1	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1985: 1 DN for "classified reasons."

1987: 1 CSP=approved after "extraordinary efforts" on part of U.S. Embassy. State Dept. was asked by Ocean Drilling Program to seek clearance when no response was received from direct approach to Embassy of Oman.

PAKISTAN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 92,900 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1966
Continental Shelf: 200 nm or to edge of continental margin	CS Claimed: 1976
Fisheries Zone: was 50 nm; amended by EEZ legis.	FZ Claimed: 1973
Excl. Economic Zone: 200 nm	EEZ Claimed: 1976

MARITIME BOUNDARIES

POTENTIAL: India, Iran, Oman

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Territorial Waters & Maritime Zones Act of 1976, December 1976: exclusive rights and jurisdiction to authorize, regulate, and control scientific research in the EEZ and on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

PALAU

TREATY STATUS

1958 Geneva Conventions: see United States
 1982 UNCLOS III: see United States

MARINE JURISDICTIONAL ZONES

Territorial Sea: 3 nm
Continental Shelf: not legislated
Fisheries Zone: 200 nm
Excl. Economic Zone: not legislated

Marine area: incl. w/U.S. sq. nm

TS Claimed:
CS Claimed:
FZ Claimed:
EEZ Claimed:

MARITIME BOUNDARIES

POTENTIAL: Indonesia, Federated States of Micronesia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** N (See below)

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	2	89 CR	1	90 CR	0	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

Palau has concluded (1986) a Compact of Free Association with the United States, but it has not yet completed its Constitutional process for the compact to go into force. Thus Palau is still under the trusteeship of the U.S.

Palau is included as a listing separate from the United States since it has offshore claims which differ from the U.S. and since the U.S. has submitted clearance requests to Palau as a discrete entity since 1985.

1988: 1 CR was made by U.S. Dept. of State at NOAA's request on behalf of Chinese vessel, Xiangyanghong No. 14, participating in TOGA cruise (Tropical Ocean Global Atmospheric Experiment).

PANAMA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm
Continental Shelf: decreed; limits not specified
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 89,400 sq. nm

TS Claimed: 1967
CS Claimed: 1963
FZ Claimed: -
EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: Colombia (2; 1977), Costa Rica (2; 1982)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

Not aware of any formal jurisdiction over MSR; Panama with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)
 1990: #68[4] (Lead-time for Clearance Requests is 4 months)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	1	76 CR	1	77 CR	2	78 CR	4
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	1	76CSP	0	77CSP	0	78CSP	1
72USP	0	73USP	1	74USP	0	75USP	0	76USP	0	77USP	1	78USP	0
79 CR	2	80 CR	0	81 CR	0	82 CR	0	83 CR	2	84 CR	3	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	1	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	1
86 CR	5	87 CR	1	88 CR	3	89 CR	1	90 CR	2	TOTAL CR		29	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	1	89CSP	1	90CSP	1	TOTAL CSP		6	
86USP	0	87USP	0	88USP	2	89USP	0	90USP	0	TOTAL USP		5	

Comments:

- 1973: 1 USP=In June 1972 operator requested clearance for biological work in January 1973; State Dept. delayed action until January; no response received and research was cancelled.
- 1975: 1 CSP=Anecdotal information unavailable.
- 1977: 1 USP=Operator requested clearance for seabed work with 1-mo. lead-time; approval not received, linked to erratic scheduling and performance of previous operation; research cancelled.
- 1978: 1 CSP=Anecdotal information unavailable.
- 1983: 1 CSP=clearance not received due to insufficient lead-time.
- 1985: 1 USP=cancellation by researcher.
- 1988: 1 CSP= request not approved for political reasons.
 2 USP=2 cancelled due to lack of funding.
- 1989: 1 CSP=request not made by U.S. Dept. of State owing to political problems with Panama.
- 1990: 1 CSP=despite clearance request being submitted 8 months in advance, Panamanian approval was not received until more than one month after ship's departure to begin research cruise.

PAPUA NEW GUINEA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

	Marine area: 504,000 sq. nm
Territorial Sea: 12 nm	TS Claimed: 1978
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1978
Fisheries Zone: was 200 nm; subsumed as part of EEZ proclamation	FZ Claimed: 1978
Excl. Economic Zone: 200 nm	EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: Fed. States of Micronesia, France (for New Caledonia), Solomon Islands
RESOLVED: Australia (1985); for TERRITORIAL SEA-Indonesia (1974); for CONTINENTAL SHELF-Indonesia (1982)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

Not aware of any formal jurisdiction over MSR. Papua New Guinea signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea"; and Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

• Continental Shelf (Living Natural Resources) Act 1974, as amended...(1978): Issue of permits for scientific purposes; the Minister...may grant a permit to a person authorizing that person...in an area of the Papua New Guinea continental shelf...to search and take, for scientific purposes, sedentary organisms the taking of which is otherwise prohibited by or under this Act.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	2	85 CR	3
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	2	87 CR	1	88 CR	2	89 CR	0	90 CR	3	TOTAL CR		14	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	1	TOTAL USP		1	

Comments:

Was Australian administered territory until independence in 1975; CR data contained in Australian data for 1972-78.

1988: 1 CR made by U.S. Dept. of State at NOAA's request on behalf of Chinese vessel, Xiangyanghong No. 14, participating in TOGA cruise (Tropical Ocean Global Atmospheric Experiment).

1990: 1 USP-Research cancelled prior to response from Papua New Guinea.

PERU

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm
 Continental Shelf: 200 nm
 Fisheries Zone: not declared
 Excl. Economic Zone: not declared

Marine area: 229,400 sq. nm

TS Claimed: 1947
 CS Claimed: 1971
 FZ Claimed: -
 EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: Chile (1955), Ecuador (1956)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• "Regulation on Control of Scientific and/or Technological Research Vessels and Special Permits for Hydrographic and Other Activities", Ministerial Resolution, 23 September 1976: regulates the granting of permits for the operation of foreign vessels and crews in the conduct of scientific research in maritime zone under Peruvian jurisdiction.

Application for operation permit must be submitted at least 6 months in advance; application must include number of scientists and/or Peruvian representatives that may participate in the research, indicating feasibility of their carrying out their own scientific projects as well. Procedures stipulated for conducting research projects in non-national vessels.

• Supreme Decree No. 011-71-PE of 25 June 1971, Regulation of the General Fisheries Law: governs conduct of scientific or technological research or economic studies using the living resources within the territorial sea or continental waters of Peru.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1989: #85 (Foreign participation aboard U.S. Research Vessels: Peru has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

1990: #68[4] (Lead-time for Clearance Requests is 5 months.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	4	74 CR	2	75 CR	3	76 CR	5	77 CR	5	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	1	75 CSP	1	76 CSP	1	77 CSP	0	78 CSP	1
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	1	81 CR	2	82 CR	4	83 CR	4	84 CR	3	85 CR	3
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	1	84 USP	1	85 USP	0
86 CR	5	87 CR	2	88 CR	1	89 CR	1	90 CR	2	TOTAL CR		49	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	1	TOTAL CSP		6	
86 USP	0	87 USP	1	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		3	

Comments:

1974-76, 1978: Anecdotal information unavailable for 4 CSP.

1983: 1 USP=Insufficient lead-time but clearance granted.

1984: 1 USP=Clearance held up owing to multiple schedule changes.

1987: 1 CSP=approved two weeks late; schedule adjusted in order to conduct research.

1 USP=research cancelled when other country involved in request (Ecuador) did not approve clearance.

1990: 1 CSP=despite submitting CR ahead of required lead-time, approval received 2 weeks after ship departure

PHILIPPINES

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82; ratified 5-8-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: variable up to 285 nm
 Continental Shelf: exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 551,400 sq. nm
 TS Claimed: 1961/73
 CS Claimed: 1968
 FZ Claimed: .
 EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: China, Indonesia, Japan, Malaysia, Palau (U.S.), Vietnam

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Presidential Decree No. 1599, Establishing an Exclusive Economic Zone and for Other Purposes, 11 July 1979: exclusive rights and jurisdiction over scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

When submitting Clearance Requests, State Dept. recommends 3-month lead-time.
 1989: #85 (Foreign participation aboard U.S. Research Vessels: The Philippines has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	2	76 CR	2	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	2	80 CR	2	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	1	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	6	89 CR	1	90 CR	2	TOTAL CR		20	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	1	89 CSP	0	90 CSP	0	TOTAL CSP		2	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1979: 1 CSP=Clearance approved but with conditions imposed for approval

1988: 1 CSP=Approved one day before ship departure from Manila.

2 of the 1988 CR were made at NOAA's request on behalf of Chinese vessel, Xiangyanghong No. 14, participating in 2 TOGA cruises (Tropical Ocean Global Atmospheric Experiment)

POLAND

TREATY STATUS

1958 Geneva Conventions: party 6-10-64 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 8,300 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1978/1992
Continental Shelf:	200 m or to depth of exploitation; some limits set by boundary agreements with former GDR and USSR	CS Claimed: 1978
Fisheries Zone:	was 12 nm; TS legis. defines limit by lines connecting extreme points of specified lateral limits	FZ Claimed: 1970
Excl. Economic Zone:	beyond and adjacent to territorial sea; boundaries defined by intl. treaties (see "Maritime Boundaries" and "Comments")	EEZ Claimed: 1991

MARITIME BOUNDARIES

POTENTIAL: Denmark

RESOLVED: USSR (1986); for TERRITORIAL SEA-German Democratic Republic (1989), USSR (1958); for

FISHERY ZONE-German Democratic Republic (1989), Sweden (1989); for CONTINENTAL SHELF-Sweden (1989)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Act No. 37 of 17 December 1977 on the Continental Shelf: [Poland] exercises sovereign rights over the Polish continental shelf in so far as the exploration, investigation, extraction and exploitation of its natural resources are concerned; any exploration of the Polish continental shelf and any investigation, extraction and exploitation of its natural resources shall require the permission of the Chairman of the Central Geological Office.
- Act Concerning the Maritime Areas of the Polish Republic and the Marine Administration, 21 March 1991: In the EEZ, the Polish Republic shall have jurisdiction with regard to marine scientific research, and "shall have the exclusive right to construct, or to authorize and regulate the construction and utilization of ... structures of any kind intended for the conduct of scientific research..." Research in the territorial sea and in EEZ must have consent (license) from Minister of Transport and Marine Economy (applications for EEZ research must be submitted not later than 6 months before starting date of research). States and foreign persons conducting research in maritime areas shall be required to 1) ensure participation of Polish representatives in the research, including presence on board research vessels and at other installations; 2) inform Minister, at his request, of results of research; 3) enable Minister, at his request, to have access to all data and samples derived from research; 4) inform Minister of any major change in research program.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present. For the treaties being used to delimit Poland's EEZ see Maritime Boundaries (above) and until conclusion of a treaty on the delimitation of maritime areas between Poland and Denmark, the Act of 1977 concerning the Polish marine fishery zone (MFZ) shall remain in force but with substitution of the Polish EEZ for MFZ.

PORTUGAL

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: 517,400 sq. nm
Continental Shelf:	200 m or to depth of exploitation	TS Claimed: 1977
Fisheries Zone:	was 12 nm; amended by EEZ legis.	CS Claimed: 1969
Excl. Economic Zone:	200 nm	FZ Claimed: 1966
		EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Morocco
 RESOLVED: Spain (2; 1976-signed only)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Act No. 33/77 of 28 May 1977 Regarding the Juridical Status of the Portuguese Territorial Sea and the Exclusive Economic Zone: the Government may establish special regulations for the EEZ with regard to scientific research.
- Decree-Law No. 119/78 of 1 June 1978: ...the Portuguese state...in addition to exercising jurisdiction [in the EEZ]...over scientific maritime investigation and over the protection of the marine environment has sovereign rights: (i) for purposes of prospecting and exploring, conserving and managing natural resources...; (ii) over all activities which have as their purpose the study of economic exploitation of the zone.
- Ministry of Foreign Affairs Diplomatic Note, 24 January 1979: request for research clearance required to conduct marine scientific research in the EEZ.
- Decree No. 52/85, 1 March 1985 governs conduct of marine scientific research in territorial sea and EEZ (following provisions of Part XIII of LOS Convention).

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1973: #14 (Regulations for clearance requests on continental shelf research of overseas provinces)
- 1990: #68[4] (Lead-time for Clearance Requests is 7 months)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Portugal has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
- 1990: #95 (Additional requirements for permission to conduct marine scientific research including precise dates of each proposed entry and exit of Portugal's EEZ and description of scientific instruments to be used during vessel's research)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	4	73 CR	2	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	2	73 CSP	0	74 CSP	0	75 CSP	1	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	1	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	2	88 CR	1	89 CR	1	90 CR	5	TOTAL CR		19	
86 DN	1	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		1	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		3	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		1	

Comments:

(CR data for Angola included in 1972-78 data)

PORTUGAL

1972: 2 CSP=Anecdotal information unavailable.

1973: 1 USP=In May operator requested clearance for seabed work off Angola in October. State Dept. delayed action until August. Research was approved by Portugal in October, but research had already been cancelled since approval was not received in time.

1975: 1 CSP=Anecdotal information unavailable.

1984: 1 CR for Azores.

1985: 1 CR for Madeira Is.

1986: 1 DN = no reason given.

1987: 1 CR for Azores; 1 CR for mainland.

1989: 1 CR for Azores.

QATAR

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 11-27-84

MARINE JURISDICTIONAL ZONES

Marine area: 7,000 sq. nm

Territorial Sea: 3 nm

TS Claimed: 1974

Continental Shelf: limits set by boundary agreements with Abu Dhabi [U.A.E.] and Iran

CS Claimed: 1949

Fisheries Zone: up to median line with neighboring states or international agreement

FZ Claimed: 1974

Excl. Economic Zone: not declared

EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Bahrain, Saudi Arabia

RESOLVED: for CONTINENTAL SHELF--United Arab Emirates (for Abu Dhabi, 1969), Iran (1970)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Declaration by the Ministry of Foreign Affairs of 2 June 1974: Fishing activities, exploitation of marine or natural resources, or research of any kind in areas contiguous to the territorial sea requires permission from the Government.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

ROMANIA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: 200 m or to depth of exploitation
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 9,300 sq. nm
 TS Claimed: 1951
 CS Claimed: 1962
 FZ Claimed: -
 EEZ Claimed: 1986

MARITIME BOUNDARIES

POTENTIAL: Bulgaria, Turkey, Ukraine

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Decree of the Council of State concerning the establishment of the Exclusive Economic Zone of the Socialist Republic of Romania in the Black Sea, No. 142, 25 April 1986, Articles 3 and 10: Jurisdiction with regard to marine scientific research in the EEZ; research may be carried out by foreign states or international organizations only with prior agreement of Romania; states/organizations must ensure the participation of Romanian representatives in the marine scientific research work, including work on board research vessels or marine scientific research installations.
- Act Concerning the Legal Regime of the Internal Waters, the Territorial Sea and the Contiguous Zone of Romania, 7 August 1990, Articles 9 and 29: Passage of foreign ship through Romanian territorial sea is not considered innocent passage if it engages in any scientific or archaeological research or hydrographic survey; foreign individuals and bodies corporate may carry on scientific research in Romanian territorial sea only with express consent of Romanian authorities.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:
 No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	1	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		1	

Comments:

1984: 1 USP=cancellation due to funding problems.

SAINT KITTS AND NEVIS

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-7-84

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm	Marine area: 3,300 sq. nm
Continental Shelf: 200 nm or to edge of continental margin	TS Claimed: 1984
Fisheries Zone: not declared	CS Claimed: 1984
Excl. Economic Zone: 200 nm	FZ Claimed: -
	EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Antigua & Barbuda, France (for Guadeloupe), Netherlands (for Neth. Antilles), United Kingdom (for Montserrat), Venezuela

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Maritime Areas Act 1984, of 30 August 1984: Jurisdiction with regard to MSR in the EEZ; exclusive right to regulate, authorize and conduct marine scientific research in the EEZ and on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	4
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	4	87 CR	3	88 CR	2	89 CR	5	90 CR	2	TOTAL CR		20	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	1	89CSP	0	90CSP	0	TOTAL CSP		2	
86USP	0	87USP	0	88USP	0	89USP	1	90USP	0	TOTAL USP		1	

Comments:

Self-governing state associated with United Kingdom until independence in 1983.

1985: 1 CSP= Approval granted after submission of amplifying information.

1988: 1 CSP=no response received.

1989: 1 USP=CR cancelled owing to major revision in proposed research.

SAINT LUCIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 3-27-85

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: was 12 nm; subsumed by EEZ legis.
Excl. Economic Zone: 200 nm

Marine area: 4,700 sq. nm

TS Claimed: 1984
CS Claimed: 1986
FZ Claimed: -
EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Barbados, Saint Vincent & Grenadines, Venezuela
RESOLVED: France (1981 for Martinique)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Maritime Areas Act No. 6 of 1984, 18 July 1984: Exclusive right to regulate, authorize, and conduct marine scientific research and surveys in EEZ and on continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	2	80 CR	1	81 CR	2	82 CR	2	83 CR	0	84 CR	3	85 CR	8
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	6	87 CR	3	88 CR	5	89 CR	8	90 CR	1	TOTAL CR		41	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	1	89CSP	0	90CSP	0	TOTAL CSP		2	
86USP	0	87USP	1	88USP	0	89USP	2	90USP	0	TOTAL USP		3	

Comments:

Was self-governing state in association with United Kingdom until independence in 1979.

1985: 1 CSP=Approval granted after submission of amplifying information.

1987: 1 USP=request cancelled owing to project revisions.

1988: 1 CSP=no response received.

1989: 2 USP=1 CR cancelled after major revisions involving vessel and schedule changes; request cancelled owing to major revision in proposed research.

1991: Talks underway for unification of Windward Island Nations of Dominica, Grenada, St. Lucia and St. Vincent into one sovereign state.

SAINT VINCENT AND THE GRENADINES

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm
Fisheries Zone: was 12 nm; subsumed by EEZ legis.
Excl. Economic Zone: 200 nm

Marine area: 9,500 sq. nm
TS Claimed: 1983
CS Claimed: 1983
FZ Claimed: -
EEZ Claimed: 1983

MARITIME BOUNDARIES

POTENTIAL: Barbados, Grenada, Saint Lucia, Trinidad and Tobago, Venezuela

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Maritime Areas Act, Act No. 15 of 8 June 1983, Articles 10, 11, 13, 20: Minister for Foreign Affairs may make regulations relating to the innocent passage of foreign vessels through the waters of Saint Vincent and the Grenadines in respect of marine scientific research and hydrographic surveys, and may make regulations relating to exercises of control in the EEZ with regards to marine scientific research; during passage through archipelagic sea lanes, maritime scientific research and hydrograph[ic] survey ships may not carry out any research or survey activities without prior authorization of the Minister.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country, if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0		
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0		
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0		
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0		
79 CR	1	80 CR	1	81 CR	2	82 CR	1	83 CR	0	84 CR	4	85 CR	9		
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0		
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	1		
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0		
86 CR	6	87 CR	3	88 CR	8	89 CR	8	90 CR	0	TOTAL CR 43					
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			TOTAL DN 0			
86CSP	0	87CSP	0	88CSP	2	89CSP	1	90CSP	0					TOTAL CSP 4	
86USP	0	87USP	1	88USP	0	89USP	2	90USP	0						

Comments:

Was a self-governing state in association with United Kingdom until independence in 1979.

1985: 1 CSP=approval granted after submission of amplifying information.

1987: 1 USP=request cancelled owing to project revisions.

1988: 2 CSP=1 no response received; 1 approval not received owing to problems involving revisions to STACS cruises.

1989: 1 CSP=CR not approved until the day the ship sailed.

2 USP=1 CR cancelled after major revisions involving vessel and schedule changes; request cancelled owing to major revision in proposed research.

1991: Talks underway for unification of Windward Island Nations of Dominica, Grenada, St. Lucia and St. Vincent into one sovereign state.

SAO TOME AND PRINCIPE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 7-13-83, ratified 11-3-87

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 37,400 sq. nm
 TS Claimed: 1978
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: Equatorial Guinea (2), Gabon, Nigeria

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Decree Law No. 15/78 of 16 June 1978: jurisdiction with respect to scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

Was overseas province of Portugal until independence in 1975.

No U.S. clearance request activity from 1972 to present.

SAUDI ARABIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-7-84

MARINE JURISDICTIONAL ZONES

Marine area: 54,300 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1958
Continental Shelf:	decreed ownership of minerals in Red Sea; some limits by agreements	CS Claimed:	1968
Fisheries Zone:	not specific	FZ Claimed:	1974
Excl. Economic Zone:	not declared	EEZ Claimed:	-

MARITIME BOUNDARIES

POTENTIAL: Egypt; Ethiopia; Jordan; Kuwait; Qatar; Sudan; Republic of Yemen

RESOLVED: for CONTINENTAL SHELF--Bahrain (1958), Iran (1969), Sudan (1974 agreement relating to joint exploitation of Red Sea seabed and subsoil resources)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

Not aware of any formal jurisdiction over MSR; Saudi Arabia signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report mentions approval of past request on condition that Saudi scientists be allowed to join vessel research party)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	1	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	1	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	2	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	1	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		1	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1977: 1 DN=Operator requested clearance for seabed work with 7-mo. lead-time; research was cancelled when no response was received.

1983: 1 DN=no reason given (State Dept. speculation that denial "likely due to tension in that region.")

SENEGAL

TREATY STATUS

1958 Geneva Conventions: party 4-25-69 (TS, CS)
1982 UNCLOS III: signed 12-10-82, ratified 10-25-84

MARINE JURISDICTIONAL ZONES

Marine area: 60,000 sq. nm

Territorial Sea: 12 nm (was 150 nm under 1976 Law)	TS Claimed: 1985
Continental Shelf: 200 nm or to edge of continental margin	CS Claimed: 1985
Fisheries Zone: was 200 nm; subsumed by EEZ legis.	FZ Claimed: 1976
Excl. Economic Zone: 200 nm	EEZ Claimed: 1987

MARITIME BOUNDARIES

POTENTIAL: Cape Verde, Mauritania, Guinea-Bissau
RESOLVED: The Gambia (2, 1976), Guinea-Bissau (1960 through diplomatic notes between France and Portugal, but not recognized by Guinea-Bissau)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Act No. 87-27 Establishing the Maritime Fishing Code, 1987: Fishing in waters under Senegalese jurisdiction shall be subject to authorization; so far as research vessels ... are concerned, authorization shall be given by order of the Minister for Maritime Fishing.
- Regulations for conducting research in Senegalese waters, 1987: include provision for one or more Senegalese researchers on board foreign R/Vs with access to research data; results and analysis of research must be provided to Senegal no later than one year following research activities. (See also "Comments" below.)
- Note to the United Nations from the Ministry of Planning and Cooperation on Conditions Governing Maritime Scientific Research in Senegal of 20 September 1988: Reiterates Presidential directive No. 86/PR/SG/EMP/CAB-3/S of 4 November 1986 on conditions to be complied with by foreign ships in order to obtain authorization to conduct scientific research in waters under Senegalese jurisdiction including condition that one or more Senegalese research workers must be taken on board the ship; they must participate in the utilization of information and their board and mission expenses must be paid at the same rate as those of the officers on board.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1972: #09 (Timely submission of clearance requests)
 1988: #76 (Research clearance requirements and port call clearances)
 1989: #85 (Foreign participation aboard U.S. Research Vessels: Senegal has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
 1990: #68[4] (Lead-time for Clearance Requests is 7 months; requests must be submitted through official channels)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	2	73 CR	2	74 CR	3	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	1	90 CR	1	TOTAL CR		10	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	1	90CSP	1	TOTAL CSP		2	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

SENEGAL

Comments:

1989: 1 CSP=The Senegalese government required payment of travel expenses and \$50 per day for each of two Senegalese observers while aboard the Woods Hole Oceanographic Institution's R/V OCEANUS. Since stations in Senegalese waters were essential to a major project, per diem was paid on a one-time only basis. Payments have also been required of research vessels from the Soviet Union and Germany.

1990: 1 CSP=Similar request that cruise accommodate two participants and pay them \$50 per day; outcome unknown.

SEYCHELLES

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82; ratified 9-16-91

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: 200 nm or to edge of continental margin
 Fisheries Zone: was 12 nm; subsumed by EEZ legis.
 Excl. Economic Zone: 200 nm

Marine area: 393,400 sq. nm
 TS Claimed: 1977
 CS Claimed: 1977
 FZ Claimed: 1969
 EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Comoros, Madagascar, Mauritius, Tanzania

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Maritime Zones Act 1977, Act No. 15 of 23 May 1977: exclusive jurisdiction to authorize, regulate, and conduct scientific research in the EEZ and on the continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1988: #80 (Format for Clearance Requests)
 If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

Was crown colony of United Kingdom; republic within the Commonwealth since 1976.

SIERRA LEONE

TREATY STATUS

1958 Geneva Conventions: party 9-10-65(TS), 11-25-66(CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 45,400 sq. nm

Territorial Sea: 200 nm	TS Claimed: 1971
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1966
Fisheries Zone: was 12 nm; superseded by TS legis.	FZ Claimed: 1965
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Guinea, Liberia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Not aware of any formal jurisdiction over MSR; Sierra Leone with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

• Fisheries Management and Development Act, 1988, of 30 April 1988: The Director, with approval of the Minister [of Fisheries], may in writing for the purposes of research or scientific investigation exempt any vessel or person from all or any of the provisions of this Act or any regulations or orders made hereunder, and in making such exemption, may impose such conditions as he may think fit.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	1	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	1	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		1	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

1972: 1 CSP=Operator requested clearance with 4-mo. lead-time for seabed and water-column work.
 Request was denied because of state of emergency, although port call permitted; research cancelled.

SINGAPORE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 100 sq. nm
 TS Claimed: 1878
 CS Claimed: -
 FZ Claimed: 1966
 EEZ Claimed: -

Territorial Sea: 3 nm
 Continental Shelf: not declared
 Fisheries Zone: beyond TS as defined in treaties and practice
 Excl. Economic Zone: not declared

MARITIME BOUNDARIES

POTENTIAL: Malaysia
 RESOLVED: for TERRITORIAL SEA--Indonesia (1974), Malaysia (1928)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Singapore signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

1991: Preliminary studies have begun for a proposed Great China Economic Zone which would include southeastern China, Taiwan, Macao, Hong Kong and Singapore. Formal discussions on the zone are expected to be held in Hong Kong starting in January 1992. We will monitor whether this economic zone encompasses maritime areas as yet unclaimed by China and Singapore.

SOLOMON ISLANDS

TREATY STATUS

1958 Geneva Conventions: party 9-81 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 445,000 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1979
Continental Shelf:	200 nm	CS Claimed: 1979
Fisheries Zone:	was 200 nm; subsumed by EEZ legis.	FZ Claimed: 1978
Excl. Economic Zone:	200 nm	EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: Papua New Guinea, Vanuatu

RESOLVED: France (for New Caledonia, 1990); for EEZ and CONTINENTAL SHELF--Australia (1988)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Delimitation of Marine Waters Act, 1978, No. 32 of 1978: Minister may make regulations in accord with international law for regulating the conduct of scientific research within the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	2	83 CR	0	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	2	87 CR	1	88 CR	1	89 CR	0	90 CR	1	TOTAL CR 10 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				

Comments:

Was British protectorate until independence in 1978.

1988: 1 CR made by U.S. Dept. of State at NOAA's request on behalf of Chinese vessel, Xiangyanghong No. 14, participating in TOGA cruise (Tropical Ocean Global Atmospheric Experiment).

SOMALIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82; ratified 7-24-89

MARINE JURISDICTIONAL ZONES

Territorial Sea: 200 nm
Continental Shelf: not declared
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 228,000 sq. nm
TS Claimed: 1972
CS Claimed: -
FZ Claimed: -
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Djibouti; Kenya; Republic of Yemen

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** N (See below)

Not aware of any formal jurisdiction over MSR; Somalia, with its 200-nm territorial sea, signed and ratified UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1976: #27 (Claim of 200-nm territorial sea/difficulty of obtaining research clearances)
 If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	1
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	1	82 CR	0	83 CR	0	84 CR	1	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	1	90 CR	0	TOTAL CR		6	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1978: 1 CSP—Operator requested clearance for seabed work with 6-mo. lead-time; approval not received; nearshore research cancelled.

SOUTH AFRICA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: signed 12-5-84

MARINE JURISDICTIONAL ZONES

Marine area: 296,500 sq. nm

Territorial Sea:	12 nm (also applies to Walvis Bay and islands claimed off coast of Namibia)	TS Claimed: 1977
Continental Shelf:	200 m or to depth of exploitation	CS Claimed: 1963
Fisheries Zone:	200 nm	FZ Claimed: 1977
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Mozambique, Namibia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; South Africa signed UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	1	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	1	89 CR	1	90 CR	0	TOTAL CR 5 TOTAL DN 0 TOTAL CSP 0 TOTAL USP 0			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0				
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0				

SPAIN

TREATY STATUS

1958 Geneva Conventions: party 2-25-71 (TS, CS)
1982 UNCLOS III: signed 12-4-84

MARINE JURISDICTIONAL ZONES

Marine area: 355,600 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1977
Continental Shelf:	200 m or to depth of exploitation; some limits set by boundary agreements with France, Portugal, and Italy	CS Claimed:	1971
Fisheries Zone:	was 12 nm; amended by EEZ legis.	FZ Claimed:	1967
Excl. Economic Zone:	200 nm	EEZ Claimed:	1978

MARITIME BOUNDARIES

POTENTIAL: Algeria, France, Morocco (2)

RESOLVED: Portugal (2; 1976-signed only); for TERRITORIAL SEA--France (1975); for CONTINENTAL SHELF--France (1975), Italy (1978)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- 1970 Circular Concerning Rules Applicable to the Conduct of Oceanographic Research in Maritime Areas Subject to Spanish Jurisdiction: iterates involvement of Spanish scientists and extent of post-cruise obligations.
- Royal Decree No. 799/1981, 27 Feb. 1981: For Territorial Sea--Express authorization of Spanish authorities required for marine scientific research activities in the territorial sea; request shall be submitted at least six months prior to start of research to Ministry of Foreign Affairs; Ministry of Foreign Affairs shall request report on the subject from Ministries of Defense, Agriculture, Industry and Energy, Transport and Communications, and Universities and Investigators; the concerned ministerial departments may send a scientist to the research institution of the requesting State to acquire first-hand knowledge of the kind of activities to be conducted and the elements to be utilized in the proposed expedition; the Ministry shall inform whether it is desired that Spanish scientists should participate in the expedition. For EEZ and Continental Shelf--authorization of Spanish authorities required for research activities within EEZ or on continental shelf; conditions above apply; authorization shall be assumed to be granted if, within 4 months of request submission, Ministry of Foreign Affairs has not notified requesting State that authorization is withheld or that supplementary information must be sent.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1975: #17 (Requirements for Port Calls by research vessels)
- 1988: #77 (Strict lead-time requirement for research clearances)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Spain has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
- #90 (Decree of 1981: Regulations governing marine scientific research and port calls by research vessels)
- 1990: #68[4] (Lead-time for Clearance Requests is 7 months: "requests must be submitted through official channels")

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

SPAIN

72 CR	1	73 CR	1	74 CR	2	75 CR	2	76 CR	0	77 CR	1	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	1	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	1	74CSP	0	75CSP	1	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	2	82 CR	2	83 CR	2	84 CR	2	85 CR	3
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	1	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	1	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	8	87 CR	3	88 CR	5	89 CR	0	90 CR	3	TOTAL CR		39	
86 DN	1	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		3	
86CSP	2	87CSP	1	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		6	
86USP	4	87USP	2	88USP	1	89USP	0	90USP	0	TOTAL USP		7	

Comments:

1973: 1 CSP-Anecdotal information unavailable.

1975: 1 DN -Operator requested clearance for water-column work with 5 mo. lead-time; request denied due to insufficient lead-time.

1 CSP-Operator requested clearance in May for water-column biological work in August; no response by late July, so research was cancelled.

1981: 1 CSP-Approval not granted because of failure to meet six-month lead-time.

1983: 1 DN -Spanish scientists did not support clearance as they had not been involved in planning research.

1986: 1 DN -Request submitted without sufficient lead-time and denied by Spain; research then conducted in Mediterranean outside of 12nm territorial sea; Spain complained about unauthorized research, no formal action taken by Spain.

2 CSP=2 CRs denied because of insufficient lead-time, both later approved.

4 USP=3 CR approved despite insufficient lead-time, 1 research cancelled when other countries involved in clearance request (France and Portugal) did not grant approval.

1987: 1 CSP=no response received.

2 USP=1 approval received with only 2 months notice; 1 cancellation prior to response (sponsors wanted to obtain clearance through cooperating Spanish agency).

1988: 1 USP= request denied by Spain owing to insufficient notice.

1990: 3 CRs=2 for Canary Islands, 1 for Spain.

SRI LANKA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: was 106 nm; superseded by EEZ legis.
Excl. Economic Zone: 200 nm

Marine area: 150,600 sq. nm
TS Claimed: 1971
CS Claimed: 1977
FZ Claimed: 1957
EEZ Claimed: 1977

MARITIME BOUNDARIES

RESOLVED: India (1974, 1976); for CONTINENTAL SHELF--India & Maldives (1976)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Maritime Zones Law No. 22 of 1 September 1976 (entered into force 15 January 1977): exclusive rights and jurisdiction to authorize, regulate, and control scientific research in the EEZ and on the continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

SUDAN

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 1-23-85

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 m or to depth of exploitation
Fisheries Zone: not declared
Excl. Economic Zone: not declared

Marine area: 26,700 sq. nm
TS Claimed: 1960
CS Claimed: 1970
FZ Claimed: -
EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Egypt, Ethiopia, Saudi Arabia
RESOLVED: for CONTINENTAL SHELF—Saudi Arabia (1974 agreement relating to joint exploitation of Red Sea seabed and subsoil resources)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

Not aware of any formal jurisdiction over MSR; Sudan signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea." As to jurisdiction over MSR on the continental shelf, UNCLOS III iterates in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

SURINAME

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: not declared
 Excl. Economic Zone: 200 nm

Marine area: 29,500 sq. nm
 TS Claimed: 1978
 CS Claimed: -
 FZ Claimed: -
 EEZ Claimed: 1978

MARITIME BOUNDARIES

POTENTIAL: France (for Fr. Guiana), Guyana

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Law Concerning the Extension of the Territorial Sea and the Establishment of a Contiguous Economic Zone of 11 June 1978: sovereign rights over the conduct of scientific research and experiments in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	1	75 CR	0	76 CR	1	77 CR	2	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	1	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	1	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	2	90 CR	2	TOTAL CR		13	
86 DN	0	87 DN	1	88 DN	0	89 DN	0	90 DN	1	TOTAL DN		2	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	1	90 CSP	0	TOTAL CSP		2	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

Was autonomous territory of the Netherlands until independence in 1975.

1984: 1 CSP=originally denied, but Embassy obtained approval during research cruise.

1987: 1 DN =research not approved.

1989: 1 CSP=not approved by Suriname despite repeated requests.

1990: 1 DN =Suriname initially approved request, but withdrew approval immediately prior to research cruise. (This CR involved requests to 18 countries of which this was the only major problem.)

SWEDEN

TREATY STATUS

1958 Geneva Conventions: party 6-1-66 (CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 45,300 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1979
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1966
Fisheries Zone: 200 nm or to equidistance line with neighboring states	FZ Claimed: 1978
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: for TERRITORIAL SEA--Denmark (1932); for FISHERIES ZONE--Denmark (1985), Poland (1989), Soviet Union (1988); for CONTINENTAL SHELF--Finland (1973), German Dem. Republic (1978), Norway (1969), Poland (1989)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** Y (See below)

Not aware of any specific jurisdiction; regulations are explicated below.

- Note to the United Nations from the Ministry of Foreign Affairs of 10 October 1988 on Foreign Scientific Research in Swedish Waters: Research within Swedish Territorial Waters requires permission by the Government, made through diplomatic channels 4 weeks in advance; prerequisites for permission are usefulness of research from Swedish point of view, whether Sweden will gain access to scientific data obtained and whether Swedish scientists are invited to follow the activities. Research on the Continental Shelf requires application to explore the shelf submitted through diplomatic channels at least 6 weeks prior to activities. Research in the Fishing Zone is free but for general information and identification purposes, foreign parties are required to provide Swedish government [Ministry for Foreign Affairs] with advance notification of proposed activity.
- Act (1966:314) on the Continental Shelf and Proclamation (1966:315) Concerning the application of the Act on the Continental Shelf: Permission from the Government is required for foreign research vessels to carry out scientific research on the continental shelf.
- Scientific Activities by Foreign Research Vessels within Areas Falling under Swedish Jurisdiction. Information from the National Board of Fisheries, 30 September 1981: Information similar to Note to UN 1988; form included for "Notification of Proposed Research Cruise".

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1990: #68[4] (Lead time required for Clearance Requests is 2 months)

1990: #92 (Regulations concerning foreign marine scientific research in Swedish waters)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0			CR	0
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0			DN	0
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0			CSP	0
										TOTAL USP	0		

Comments:

No U.S. clearance request activity from 1972 to present.

SYRIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 3,000 sq. nm

Territorial Sea: 35 nm	TS Claimed: 1981
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1963
Fisheries Zone: not declared	FZ Claimed: -
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Cyprus, Lebanon, Turkey

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

TAIWAN

TREATY STATUS

1958 Geneva Conventions:
1982 UNCLOS III: not party

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: unknown
Fisheries Zone: unknown
Excl. Economic Zone: 200 nm

Marine area: 156,400 sq. nm
TS Claimed: 1979
CS Claimed: -
FZ Claimed: -
EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: China, Japan, Philippines

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? Y (See below)

• "Law on the Exclusive Economic Zone and Continental Shelf of the Republic of China" was in draft stage in early 1991. Draft language on jurisdiction over research only referred to enforcement if research is conducted without permission: "In the case of ... scientific experiments conducted without permission, the penalties will consist of imprisonment of 5 years or less, forced labor, and/or a fine of 50,000,000 NTD or less." (Source, Taiwan United Daily News, 1/3/91)

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	1	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	1	TOTAL CR		3	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

TANZANIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 9-30-85

MARINE JURISDICTIONAL ZONES

Marine area: 65,100 sq. nm

Territorial Sea:	12 nm; was 50 nm (1973)	TS Claimed: 1989
Continental Shelf:	not declared	CS Claimed: -
Fisheries Zone:	not declared	FZ Claimed: -
Excl. Economic Zone:	200 nm	EEZ Claimed: 1989

MARITIME BOUNDARIES

POTENTIAL: Comoros, Mozambique, Seychelles
 RESOLVED: Kenya (1976)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Territorial Sea and Exclusive Economic Zone Act 1989: reduces territorial sea breadth to 12 nm; claims EEZ of 200 nm; claims jurisdiction with regard to marine scientific research; research may only be conducted under or in accordance with an agreement with the government.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

THAILAND

TREATY STATUS

1958 Geneva Conventions: party 7-11-68 (TS, CS)
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area: 94,700 sq. nm
Continental Shelf:	200 m or to depth of exploitation; some limits set by boundary agreements with Indonesia, Malaysia, India	TS Claimed: 1966
Fisheries Zone:	not declared	CS Claimed: 1968
Excl. Economic Zone:	200 nm	FZ Claimed: -
		EEZ Claimed: 1981

MARITIME BOUNDARIES

POTENTIAL: Cambodia, Vietnam
RESOLVED: Burma (1982), India (1978, 1979); for **TERRITORIAL SEA**--Malaysia (2; 1973, 1982); for **CONTINENTAL SHELF**--Indonesia (1973, 1978, 1979), Indonesia & Malaysia (1972), Malaysia (1979 Memorandum of Understanding on establishing joint authority for exploitation of the resources of the seabed--and 2, 1982)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Royal Proclamation, 23 February 1981: jurisdiction with regard to marine scientific research in EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

TOGO

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 4-16-85

MARINE JURISDICTIONAL ZONES

Marine area: 600 sq. nm

Territorial Sea:	30 nm	TS Claimed:	1977
Continental Shelf:	not declared	CS Claimed:	-
Fisheries Zone:	not declared	FZ Claimed:	-
Excl. Economic Zone:	200 nm	EEZ Claimed:	1977

MARITIME BOUNDARIES

POTENTIAL: Benin, Ghana

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR: Togo, with its 30-nm territorial sea, signed and ratified UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea"; and which iterates in Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

TONGA

TREATY STATUS

1958 Geneva Conventions: party 11-11-71 (TS, CS)
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 158,400 sq. nm

Territorial Sea:	12 nm	TS Claimed: 1972
Continental Shelf:	declared with no specific limits; but as party to Geneva Convention on Continental Shelf, assume claim of 200 m or to depth of exploitation	CS Claimed: 1971
Fisheries Zone:	was 12 nm; repealed by EEZ legis.	FZ Claimed: 1973
Excl. Economic Zone:	200 nm	EEZ Claimed: 1979

MARITIME BOUNDARIES

POTENTIAL: Fiji, New Zealand, Niue, United States (for Am. Samoa), Western Samoa
 RESOLVED: France (1980 for Wallis & Futuna I.)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• The Territorial Sea and Exclusive Economic Zone Act, Act No. 30 of 23 October 1978: A foreign fishing craft may be used for fishing within the Exclusive Economic Zone for the purpose of fisheries research or of experimentation or sport, subject to the prior consent of the Minister [of Fisheries]; the King may from time to time, by Order-in-Council, make regulations for the conduct of scientific research in the territorial sea and the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	1	83 CR	0	84 CR	1	85 CR	3
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	2
86 CR	0	87 CR	0	88 CR	0	89 CR	2	90 CR	3	TOTAL CR 10			
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0			TOTAL DN 0	
86USP	0	87USP	0	88USP	0	89USP	1	90USP	0				
										TOTAL USP 3			

Comments:

1985: 2 USP=complicated CRs due to major schedule revisions late in clearance process.
 1989: 1 USP= research cancelled by NOAA

TRINIDAD AND TOBAGO

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 7-11-68 (CS)
1982 UNCLOS III: signed 12-10-82, ratified 4-25-86

MARINE JURISDICTIONAL ZONES

Marine area: 22,400 sq. nm

Territorial Sea: 12 nm		TS Claimed: 1969
Continental Shelf: 200 m or to depth of exploitation		CS Claimed: 1969
Fisheries Zone: not declared		FZ Claimed: -
Excl. Economic Zone: 200 nm		EEZ Claimed: 1983

MARITIME BOUNDARIES

POTENTIAL: Barbados, Grenada, Guyana, Saint Vincent/Grenadines

RESOLVED: for TERRITORIAL SEA, CONTINENTAL SHELF and EEZ-Venezuela (1990); for CONTINENTAL SHELF-Venezuela (1945)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- Statement by the Minister of External Affairs, 27 May 1983: Jurisdiction over MSR in EEZ.
- "Guidelines for the Conduct of Marine Scientific Research in Marine Areas under the Jurisdiction of Trinidad and Tobago"-Note from Ministry of External Affairs 30 April 1985: consent necessary for scientific research in any areas under national jurisdiction; government has the right to participate or be represented in any and every program of scientific research undertaken; results of research done on its continental shelf are the property of the Government, these results may be published only with its expressed consent; all data and specimens are the property of the Government and where specimens cannot be duplicated, the originals must reside in its museums and laboratories.
- Archipelagic Waters and Exclusive Economic Zone Act, 1986: Jurisdiction over MSR in EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1976 #26 (Clearance request problems)
- 1977 #38 (Publication restriction on research data)
- 1978 #50 (Embassy report)
- If submitting Clearance Request, State Dept. recommends 3-month lead-time.
- 1990: #68[4] (Lead time for Clearance Requests is 7 months; "requests must be submitted through official channels")
- #93 (Regulations for the conduct of marine scientific research in archipelagic waters, territorial sea, EEZ and on the continental shelf of Trinidad and Tobago)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72CR	0	73CR	0	74CR	1	75CR	0	76CR	3	77CR	2	78CR	1
72DN	0	73DN	0	74DN	0	75DN	0	76DN	1	77DN	1	78DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	1	77CSP	1	78CSP	1
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79CR	1	80CR	0	81CR	0	82CR	0	83CR	0	84CR	1	85CR	6
79DN	0	80DN	0	81DN	0	82DN	0	83DN	0	84DN	0	85DN	0
79CSP	1	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	2
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	1
86CR	2	87CR	1	88CR	0	89CR	2	90CR	2	TOTAL CR		22	
86DN	1	87DN	0	88DN	0	89DN	0	90DN	0	TOTAL DN		3	
86CSP	1	87CSP	0	88CSP	0	89CSP	0	90CSP	1	TOTAL CSP		8	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		1	

Comments:

1976: 1 DN = Anecdotal information unavailable.

1 CSP = Operated requested clearance in December 1975 for research in June; clearance granted in May on condition that results of research in territorial waters or on shelf are State

TRINIDAD AND TOBAGO

- property and can be published only with prior approval. Research cancelled.
- 1977: 1 DN =Anecdotal information unavailable.
1 CSP=Operator requested clearance in February for biological work in June. In early June, T&T insisted on retaining unique specimens and controlling publication; research cancelled
- 1978: 1 CSP=Operator requested clearance for water-column work with 5-mo. lead-time. T&T required no data be published without prior approval; research cancelled.
- 1979: 1 CSP=cancellation due to restrictions on publication of data results.
- 1984: First approval obtained since 1977 without publication restriction on marine science reports.
- 1985: 2 CSP-1 CR not approved due to pre-publication approval requirement; 1 CR with problems not specified.
1 USP=Request cancelled by researcher due to lack of data from previous cruises.
- 1986: 1 DN =no reason given; 1 CSP=conditions for approval unacceptable.
- 1990: 1 CSP=Clearance submitted with required lead-time; response from Trinidad & Tobago received after ship's departure but research was conducted as proposed.

TUNISIA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82, ratified 4-24-85

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm

Continental Shelf: bilateral agreements

Fisheries Zone: was 12 nm; subsumed by TS legis.

Excl. Economic Zone: not declared

Marine area: 25,000 sq. nm

TS Claimed: 1973

CS Claimed: 1978

FZ Claimed: 1962

EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Algeria

RESOLVED: Libya (1982-signed only); for CONTINENTAL SHELF--Italy (1978)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** N (See below)

Not aware of any formal jurisdiction over MSR; Tunisia signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

TURKEY

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Territorial Sea:	6-12 nm (12 nm in Black and Mediterranean Seas)	Marine area: 69,000 sq. nm
Continental Shelf:	bilateral agreement with Soviet Union	TS Claimed: 1982
Fisheries Zone:	12 nm	CS Claimed: 1981
Excl. Economic Zone:	not declared	FZ Claimed: 1964
		EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Bulgaria, Cyprus, Egypt, Greece, Romania, Syria
 RESOLVED: for TERRITORIAL SEA-USSR (1982); for CONTINENTAL SHELF-USSR (1981)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? Y (See below)
 Not aware of any formal jurisdiction over MSR.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1978: #50 (Embassy report lists requirements for clearance requests, such as inclusion of Turkish national on board research vessel)
- 1988: #68[2] (Lead-time for Clearance Requests is 7 months)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Turkey has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	1	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	1	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	1	85USP	0
86 CR	0	87 CR	0	88 CR	1	89 CR	0	90 CR	0	TOTAL CR		3	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	1	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				
TOTAL DN		0		TOTAL CSP		1		TOTAL USP		1			

Comments:

- 1984: 1 USP=cancellation due to funding problems.
- 1988: (info. through Lamont-Doherty Geological Observatory) State Dept. will not forward a clearance request due to agreement between Turkey and Greece that no research will take place in waters contested between the two countries.
- 1 CSP=start of research delayed 4 days at Turkey's request.

TUVALU

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 225,000 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1984
Continental Shelf: not declared	CS Claimed: -
Fisheries Zone: was 200 nm; replaced by EEZ legis.	FZ Claimed: 1979
Excl. Economic Zone: 200 nm	EEZ Claimed: 1984

MARITIME BOUNDARIES

POTENTIAL: Fiji, France (for Wallis & Futuna I.), Kiribati

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Fisheries Ordinance No. 1 of 11 May 1978: The Minister may authorize any fishing vessel to fish within the fishery limits for the purpose of scientific investigations.
- Marine Zones (Declaration) Ordinance 1983: The Minister [of Foreign Affairs] may make regulations for regulating the conduct of scientific research within the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	1
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	1	87 CR	0	88 CR	0	89 CR	1	90 CR	1	TOTAL CR		4	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	1	90 USP	0	TOTAL USP		1	

Comments:

Was territory of British Commonwealth until independence in 1978.

1989: 1 USP=research cancelled by NOAA.

UNION OF SOVIET SOCIALIST REPUBLICS (until 1991)

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea:	12 nm	Marine area:	1,309,500 sq. nm
Continental Shelf:	200 m or to depth of exploitation	TS Claimed:	1921
Fisheries Zone:	was 200 nm; repealed by EEZ claim	CS Claimed:	1968
Excl. Economic Zone:	200 nm	FZ Claimed:	1977
		EEZ Claimed:	1984

MARITIME BOUNDARIES

POTENTIAL: Japan, Norway, Romania

RESOLVED: Finland (1986-replaces earlier continental shelf and fisheries zone boundary), North Korea (1987?), Poland (1986-replaces earlier continental shelf boundary), United States (1867, 1990); for TERRITORIAL

SEA--Turkey (1982); for CONTINENTAL SHELF--Norway (1958), Turkey (1981)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- On the Continental Shelf of the USSR, Decree of 6 February 1968: Surveying, exploring, or exploiting the natural resources or carrying on any other activity on the continental shelf prohibited unless such activity is specifically provided for by an agreement between the USSR and the foreign State concerned or by special permission granted by the competent authorities of the USSR.
- Resolution No. 564 of 18 July 1969 Concerning the Procedure for Carrying Out Work on the Continental Shelf and the Protection of its Natural Resources, and Decision of the Presidium Concerning the Continental Shelf of the USSR of 13 August 1969: Both provide addenda to the 6 February 1968 Decree, giving specifics on registration to do research on the continental shelf.
- Regulations for Safeguarding the Continental Shelf of the USSR, 11 January 1974: Conduct of research on continental shelf permitted after registration with appropriate authorities.
- Law on the State Frontier of the USSR of 24 November 1982: Prohibits research in USSR territorial waters (territorial sea), internal waters, and Soviet part of waters of frontier rivers, lakes and other reservoirs unless authorized by competent Soviet organs or under international treaties concluded by USSR.
- Decree of the Presidium of the Supreme Soviet of the USSR on the Economic Zone of the USSR, 28 February 1984, Articles 2, 7-11, 19: jurisdiction with regard to marine scientific research in the EEZ; consent for research required from competent Soviet authorities, with request six months in advance; foreign states and competent international organizations shall be obliged to ensure the right of Soviet representatives to participate in the research, especially on board research vessels and other craft or scientific research installations.
- Order No. 1272 of the Council of Ministers of 19 December 1985, Ratification of the Regulations on the Procedure for Conducting Marine Scientific Research in the Economic Zone of the USSR: Regulations in support of 28 February 1984 decree including specifics on deadlines, format, and handling of research applications, possible reasons for consent to be withheld, research cruise and post-cruise obligations; notes that research on the sea-bed of the economic zone of the USSR and in the subsoil thereof shall be carried out in accordance with the USSR legislation concerning the continental shelf of the USSR. Annex contains form "Information to be submitted to the State Committee of the USSR for Science and Technology by a foreign State or competent international organization in order to obtain consent to engage in scientific research in the economic zone of the USSR."

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1972: #08 (US/USSR Maritime Agreement: Port Calls)

1981: #62 (Fisheries Research Regulations)

1984: #65 (Establishment of USSR Economic Zone w/MSR jurisdiction)

1985: #68 (Lead-time for Clearance Requests is 7 months and, per U.S. State Dept., "requests must be submitted through official channels")

UNION OF SOVIET SOCIALIST REPUBLICS (until 1991)

1989: #83 (Regulations on the Procedure for Conducting MSR in the Economic Zone of the USSR, includes 5-page form which must be completed and accompany all requests for research in USSR jurisdiction)

#85 (Foreign participation aboard U.S. Research Vessels: the Soviet Union has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	1	74 CR	0	75 CR	0	76 CR	1	77 CR	2	78 CR	1
72 DN	0	73 DN	1	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	2	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	2	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	3	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	3	85 DN	0
79 CSP	1	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	2	87 CR	0	88 CR	3	89 CR	0	90 CR	1	TOTAL CR		16	
86 DN	2	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		6	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	1	TOTAL CSP		4	
86 USP	0	87 USP	0	88 USP	1	89 USP	0	90 USP	0	TOTAL USP		1	

Comments:

1973: 1 DN =Operator requested clearance in March for water-column work and port visit in October. State Dept. delayed action until October when permission was denied on basis that Petropavlovsk (Kamchatka Peninsula) closed to foreigners.

1977: 2 CSP=1 anecdotal information unavailable; 1 operator requested clearance for water-column work with 4-mo. lead-time. Permission never received; research cancelled for area in which clearance was sought.

1979: 1 CSP=Marine mammal research not permitted within 12 nm of Soviet Union.

1984: 3 DN=no reason given.

1986: 2 DN=1 no reason given; 1 insufficient information cited as reason for denial.

1988: 1 CR= first approval of U.S. research in USSR waters in 10 years.

1 CR=Approved with request that R/V THOMAS WASHINGTON pick up Soviet participating scientists at Provideniya, in Siberia.

1 USP=Dept. of State did not submit request since it was not in compliance with USSR 6-mo. prior notice requirement, nor was sufficient explanation provided to warrant seeking special consideration.

1990: 1 CSP=Although request was made with requisite 6-month prior notice, approval not received until 1 day prior to ship's departure.

1991: As the declarations of independence for former Soviet republics take effect and the Commonwealth of Independent States is formed, data will be recorded under separate entries for new coastal States to which U.S. State Dept. submits clearance requests. Country listings in this database do not yet exist for independent States. Offshore claims will be assumed to have succeeded with title from the former Soviet Union. As of December 1991, only Russia and Ukraine have notified the United Nations of discrete marine jurisdictions and no clearance requests have been submitted to independent States. As of December 1991, Russia, Ukraine, and Belarus (formerly Byelorussia) were the only states represented at the United Nations.

UNITED ARAB EMIRATES

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 3-12 nm	Marine area: 17,300 sq. nm
Continental Shelf: 200 m or to depth of exploitation	TS Claimed: 1970
Fisheries Zone: not declared	CS Claimed: 1966
Excl. Economic Zone: to agreed boundaries/median line	FZ Claimed: -
	EEZ Claimed: 1980

MARITIME BOUNDARIES

POTENTIAL: Iran (2), Oman (2)
 RESOLVED: for CONTINENTAL SHELF--between Abu Dhabi (UAE) and Qatar (1969); between Dubai (UAE) and Iran (1974-signed only)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)
 • Declaration of the Ministry of Foreign Affairs Concerning the EEZ and its Delimitation of 25 August 1980: full rights of jurisdiction within the economic zone for purpose of exercising supervision over scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1978: #50 (Embassy report)

If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	1	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	1	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	1	TOTAL CR		2	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0				
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0				
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0				
										TOTAL DN		0	
										TOTAL CSP		1	
										TOTAL USP		0	

Comments:

1983: 1 CSP=no approval received/research cancelled.

UNITED KINGDOM

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 520,400 sq. nm

Territorial Sea:	12 nm, except median line in vicinity of Isle of Man and limit in Straits of Dover as set by agreement with France (1988)	TS Claimed: 1987/89
Continental Shelf:	200 m or to depth of exploitation; defined by geographic coordinates	CS Claimed: 1964
Fisheries Zone:	200 nm, including dependencies of Anguilla, Ascension, Bermuda, Br. Indian Ocean Territory, Br. Virgin Isls., Cayman Isls., Falklands (disputed with Argentina), Montserrat, Pitcairn, St. Helena, Tristan da Cunha, Turks and Caicos	FZ Claimed: 1977
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Belgium, Denmark (for Faroe I.), France, Ireland; for dependencies: Antigua and Barbuda (2), Argentina (disputed claim over Falkland/Malvinas Is.--see Comments section below), Bahamas, Colombia, Cuba, Cyprus (4), Dominican Republic, Egypt (for Sovereign Base Areas), France (for Guadeloupe, 2), Haiti, Honduras, Jamaica, Lebanon (for Sovereign Base Area), Maldives, Netherlands (for Neth. Antilles), St. Kitts/Nevis, U.S. (for Puerto Rico; Virgin Is., 2), Venezuela

RESOLVED: France (for Fr. Polynesia, 1984); for **TERRITORIAL SEA**--Cyprus (for Sovereign Base Areas, 4; 1960), France (1988); for **CONTINENTAL SHELF**--Denmark (1972), France (1977, 1983, 1991 for southern North Sea), Fed. Rep. of Germany (1972), Ireland (1988), Netherlands (1966, Protocol 1972), Norway (1965, 1980)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

- An Act to Extend British Fishery Limits and Make Further Provision in Connection with the Regulation of Sea Fishing of 22 December 1976: permission is required to conduct marine scientific research within fishing limits.
- Per U.S. State Dept. (1988): Bermuda wishes to be notified of any "oceanographic research" within its 200-nm limit.
- Communication from Permanent Mission of the United Kingdom of Great Britain and Northern Ireland to the United Nations, 20 May 1988: In order to comply with government regulations, applications to carry out marine scientific research within the territorial sea, the 200 mile fishery zone or on the continental shelf of the United Kingdom should be submitted through diplomatic channels to the Maritime, Aviation and Environment Department of the Foreign and Commonwealth Office at least three months prior to start of cruise (standard application form included with this communication). One basic requirement is to invite participation of a British observer.
- Statement on the conservation of fisheries between the Government of Argentine Republic and the Government of the United Kingdom of Great Britain and Northern Ireland, 28 November 1990: the two governments agreed to establish a "South Atlantic Fisheries Commission" (with delegates from both states); the maritime area which the Commission will consider in relation to the conservation of the most significant offshore species will be waters between latitude 45°S and latitude 60°S; the commission will propose to both Governments joint scientific research work on the most significant offshore species.
- 22 November 1991 Britain announced the opening of waters around the Falkland Islands to oil exploration. Falkland islanders will be given the right to issue licenses to companies to make seismic readings of the surrounding waters out to a 200-mile limit and then sell those findings to interested exploration companies. The next step of exploration and drilling will not proceed until a further decree from London.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1975: #22 (Research Clearance Request formats)
- 1977: #37 (U.K./Dominican Rep. dispute over Silver, Navidad, and Mouchoir Banks)
- 1985: #22a (Prior notice requirement)
- #68 (Lead-time for Clearance Requests is 4 months)
- 1988: #68[2] (Lead-time for Clearance Requests to Bermuda is 2 months)
- 1989: #68[3] (Per U.S. State Dept., "requests must be submitted through official channels")

UNITED KINGDOM

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	2	73 CR	5	74 CR	2	75 CR	3	76 CR	6	77 CR	3	78 CR	4
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	1	76CSP	1	77CSP	1	78CSP	1
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	3	80 CR	3	81 CR	2	82 CR	3	83 CR	5	84 CR	10	85 CR	18
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	2	85USP	0
86 CR	12	87 CR	13	88 CR	25	89 CR	31	90 CR	16	TOTAL CR		166	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	2	87CSP	0	88CSP	3	89CSP	0	90CSP	1	TOTAL CSP		10	
86USP	1	87USP	3	88USP	4	89USP	3	90USP	0	TOTAL USP		13	

Comments:

- 1973: CRs for dependencies.
- 1975: 1 CSP=Anecdotal information unavailable.
- 1976: CRs for dependencies; 1 CSP=anecdotal information unavailable.
- 1977: 1 CSP=Anecdotal information unavailable.
- 1978: 1 CSP=Anecdotal information unavailable.
- 1979: 3 for dependencies.
- 1980: 2 for dependency.
- 1981: 2 for dependencies.
- 1982: 3 for dependencies.
- 1983: 2 for UK; 3 for dependency.
- 1984: 10 for dependencies. 2 USP= Approvals granted with very short lead-time.
- 1985: 18 for dependencies.
- 1986: 12 for dependencies. 2 CSP= 1 CR approved by UK, but local authorities (Bermuda) would not allow research; 1 CR for So. Georgia Island not forwarded by U.S. State Dept. owing to UK/Argentina disputed claim.
- 1987: 13 for dependencies.
3 USP=1 approval sought for site revision after loss of sites (by denial) in waters off Mauritius; 1 cancelled prior to response owing to project revisions; 1 request cancelled due to lack of funding.
- 1988: 25 CR for dependencies=12 CR for Bermuda, 1 for Montserrat, 5 for Turks & Caicos, 2 for Br. Virgin Islands/Anguilla, 2 for Falklands, 1 for Ascension, 1 for Cayman Is., 1 for So. Georgia Is.
3 CSP=1 not approved for Turks & Caicos despite repeated requests; 1 clearance not received owing to problems involving revisions to STACS cruises; 1 research cancelled in disputed area near Falklands owing to late response from UK and Argentina.
4 USP=2 research cancelled due to lack of funding/budget cuts (1 for Falklands; 1 for Br. Virgin Is.); 1 late response from Bermuda owing to late request, research delayed; 1 ship change for Bermuda for Global Change cruise, RESEARCHER replaced by MT. MITCHELL.
- 1989: 31 CR for dependencies=18 for Bermuda, 1 Falklands, 1 Pitcairn, 6 Montserrat, 4 Turks & Caicos, 1 Cayman
3 USP=1 CR (for Pitcairn) cancelled because of ship and schedule changes; 1 CR (for Montserrat) research after major revisions involving vessel and schedule changes; 1 CR (for Turks & Caicos) approved even though ship's schedule revised four times.
- 1990: 16 CR for dependencies=6 for Bermuda, 4 British Virgin Islands, 2 Montserrat, and 4 for Turks & Caicos.
• 1 CSP=1 approval (for Turks & Caicos) not received until ship arrived off the operations area.
• In November 1990: the governments of UK and Argentina agreed to establish a South Atlantic Fisheries Commission to consider conservation of the most significant offshore species (e.g., squid) in waters between latitude 45°S and latitude 60°S (see Research Jurisdiction section above).
- 1991: On 22 November 1991 Britain announced it was opening the waters around the Falkland Islands to oil exploration while Argentina at the same issued a decree claiming all of its continental shelf for commercial development including the Falkland Islands (New York Times, 11/24/91, p. 14). Although these steps seem adversarial, officials on both sides say they are part of a long diplomatic process to end in some kind of joint participation if oil is found around the Falklands. Under the 11/22/91 British announcement, Falkland islanders will be given the right to issue licenses to companies to make seismic readings of the surrounding waters out to a 200-mile limit and then sell those findings to interested exploration companies. The next step of exploration and drilling could not proceed until a later decree by London.

UNITED STATES

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 6-10-64 (CS)
 1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 3,107,000 sq. nm

Territorial Sea: 12 nm **TS Claimed:** 1988
Continental Shelf: proclaimed; not specific (White House press release described 100-fathom depth as outer limit) **CS Claimed:** 1945
Fisheries Zone: 200 nm, including Am. Samoa, Guam, Puerto Rico, US Virgin Is., Trust Territory of Pacific Islands, and other territories **FZ Claimed:** 1977
Excl. Economic Zone: 200 nm (also same territories as fisheries claim) **EEZ Claimed:** 1983

MARITIME BOUNDARIES

POTENTIAL: Bahamas, Canada (4); for dependencies: Cuba, Dominican Republic, Haiti (disputed claim with U.S. over Navassa I.), Kiribati (3), Jamaica, Japan, Marshall Islands, Fed. States of Micronesia, Netherlands (for Neth. Antilles), Niue, Tonga, United Kingdom (for Anguilla and British Virgin Is.), Western Samoa

RESOLVED: Canada (1984), Cuba (1977; pending exchange of instruments of ratification, agreement will be applied through biennial exchange of notes), Mexico (1976; exchange of notes governs application of boundary pending exchange of instruments of ratification of treaty signed 1978), USSR (1867, 1990); for **TERRITORIAL SEA** and **coastal zone:** Mexico (2; 1972); for dependencies: New Zealand for Tokelau and Cook Is. (1983 for Am. Samoa), Venezuela (1980 for Puerto Rico and Virgin Is.)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N **MSR Regulations other than Jurisdiction?** N (See below)

- Statement accompanying Presidential Proclamation No. 5030, 10 March 1983: asserts no jurisdiction over MSR in the EEZ.
- Note to the United Nations of 13 October 1988 on United States Practice Relating to Marine Scientific Research: "...consent is required in respect of research concerning the continental shelf and the territorial sea....Research activities involving the taking of marine mammals requires a permit issued by the United States under the Marine Mammal Protection Act, if conducted within the territorial sea or EEZ of the United States...The opportunity for U.S. scientists to participate in research is encouraged but is not ordinarily a requirement for the clearance of research requests.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

not applicable

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1984: 23 requests from 3 foreign governments asking to conduct research in U.S. waters. 21 were approved; 2 were for notification of intent to work in U.S. EEZ.

CANADA-21 requests (20 approved, 1 for EEZ notification); JAPAN-1 request (approved); GERMANY (FRG)-1 request (EEZ notification).

UNITED STATES

- 1985: 25 requests from 6 foreign governments asking to conduct research in U.S. waters. 18 were approved; 2 were cancelled; 5 were for notification of intent to work in U.S. EEZ.
CANADA-17 requests (12 approved, 2 cancelled, 3 for EEZ notification); CHINA-1 request (approved); FRANCE-1 request (for EEZ notification); GERMANY (FRG)-2 requests (both approved), JAPAN-3 requests (2 approved; 1 EEZ notification); UNITED KINGDOM-1 request (approved).
- 1986: 24 requests from 5 foreign governments asking to conduct research in U.S. waters. 15 approved; 1 denied; 7 were for notification of intent to work in U.S. EEZ; 1 for port call only.
CANADA-16 requests (11 approved, 1 for port call); FRANCE-1 request (approved); GERMANY (FRG)-1 request (approved); JAPAN-3 requests (2 approved; 1 denied); UNITED KINGDOM-2 requests (both for EEZ notification); USSR-1 request (for EEZ notification).
- 1987: 31 requests from 4 foreign governments asking to conduct research in U.S. waters. 14 approved, 14 were for notification of intent to work in U.S. EEZ; 3 for port call only.
CANADA-26 requests (12 approved, 12 for EEZ notification, 2 for port call); CHINA-1 request (for port call); JAPAN-2 requests (both for EEZ notification); POLAND-2 requests (both approved).
- 1988: 40 requests from 7 foreign governments asking to conduct research in U.S. waters. 9 approved, 1 cancelled, 18 were for notification of intent to work in U.S. EEZ, and 12 for port call only.
AUSTRALIA-1 request (cancelled); CANADA-20 requests (6 approved, 14 for EEZ notification); CHINA-11 requests (all for port call); FRANCE-1 request (for EEZ notification); GERMANY (FRG)-1 request (for EEZ notification); JAPAN-5 requests (3 approved, 2 for EEZ notification); TAIWAN-1 request for port call.
- 1989: 35 requests from 8 foreign governments asking to conduct research in U.S. waters. 18 approved; 1 cancelled; 3 denied (see below); 7 were for notification of intent to work in U.S. EEZ, and 6 for port call only.
AUSTRALIA-1 request (cancelled); CANADA-16 requests (12 approved, 4 for EEZ notification); CHINA-4 requests (2 for EEZ notification, 2 port call only); FRANCE-1 request (port call only); JAPAN-4 requests (all approved); MEXICO-1 request (denied--request submitted with insufficient time to obtain U.S. agency approvals for research proposed inside U.S. territorial sea; U.S. requested vessel to remain outside U.S. territorial sea); UNITED KINGDOM-3 requests (all port call only); USSR-5 requests (2 approved, 1 for EEZ notification, 2 denied-- 1 requested research near Hawaii, U.S. Line Islands and Am. Samoa, research near Hawaii denied for security reasons but research in other areas approved and conducted in cooperation with U.S. scientists; 1 late request and denied for security reasons).
- 1990: 41 requests from 6 foreign governments asking to conduct research in U.S. waters. 25 approved; 2 cancelled; 2 denied; 5 were for notification of intent to work in U.S. EEZ, and 7 for port call only.
CANADA-12 requests (8 approved, 3 for EEZ notification, 1 port call only); CHINA-3 requests (all port call only); GERMANY-3 requests (2 approved, 1 cancelled); JAPAN-10 requests (7 approved, 3 port call only); MEXICO-2 requests (both approved); USSR-11 requests (6 approved, 1 cancelled, 2 denied, 2 for EEZ notification).
- 1991: 41 requests from 6 foreign governments asking to conduct research in U.S. waters. 18 approved; 1 cancelled; 1 denied; 15 were for notification of intent to work in U.S. EEZ, and 6 for port call only.
CANADA-13 requests (8 approved, 5 for EEZ notification); CHINA-1 request (port call); GERMANY-1 request (for EEZ notification); JAPAN-10 requests (3 approved, 4 for EEZ notification, 3 port call only); MEXICO-1 request (approved); USSR-15 requests (6 approved, 1 cancelled, 1 denied, 5 for EEZ notification, 2 port call only).

URUGUAY

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 34,800 sq. nm

Territorial Sea:	200 nm (overflight and high seas navigation freedoms permitted beyond 12 nm)	TS Claimed: 1969
Continental Shelf:	200 m or to depth of exploitation	CS Claimed: 1963
Fisheries Zone:	200 nm (as part of TS legis.)	FZ Claimed: 1969
Excl. Economic Zone:	not declared	EEZ Claimed: -

MARITIME BOUNDARIES

RESOLVED: Argentina (1974), Brazil (1975)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? Y (See below)

Not aware of any formal jurisdiction over MSR; Uruguay with its 200-nm territorial sea signed UNCLOS III, however, which in Article 3 sets the breadth of the territorial sea to a limit not exceeding 12 nm and iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea." Per U.S. State Dept. Notice to Research Vessel Operators No. 61 (Rev. No. 7) of 1 May 1992: Overflight and high seas navigation freedoms permitted beyond 12 nm in Uruguayan territorial sea.

• State practice indicates a clearance requirement for research in waters subject to the jurisdiction of Uruguay.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

When submitting Clearance Requests, State Dept. recommends 3-month lead-time.

1989: #85 Foreign participation aboard U.S. Research Vessels: Uruguay has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.

1992: #61 (Rev. No. 7) Claimed Maritime Jurisdiction: footnote indicates that overflight and high seas navigation freedoms are permitted beyond 12 nm in Uruguay's 200-nm territorial sea.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0								
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0								
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0								
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	2	85 CR	0								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0								
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0								
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0								
86 CR	0	87 CR	0	88 CR	0	89 CR	2	90 CR	0	TOTAL CR		5									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0					TOTAL DN		0					
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0									TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0												
										TOTAL CR		5									
														TOTAL DN		0					
																		TOTAL CSP		0	

VANUATU

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 186,000 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1978
Continental Shelf:	200 nm or to edge of continental margin	CS Claimed:	1982
Fisheries Zone:	was 200 nm; see EEZ legis.	FZ Claimed:	1978
Excl. Economic Zone:	200 nm	EEZ Claimed:	1982

MARITIME BOUNDARIES

POTENTIAL: Fiji, France (for New Caledonia), Solomon Islands

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Maritime Zones Act No. 23 of 1981: exclusive jurisdiction to authorize, regulate, and conduct marine scientific research in the EEZ and on the continental shelf...Except in accordance with an agreement entered into with the Government of Vanuatu or under the authority of a licence granted by the responsible Minister no person shall in relation to the continental shelf or exclusive economic zone conduct any research...
- The Fisheries Act No. 37 of 1982: Minister's Power to Authorize Scientific Research Operations--The Minister may, in writing, authorize any fishing vessel to fish in Vanuatu waters for the purpose of scientific research...

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	1	83 CR	0	84 CR	1	85 CR	2
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	1
86 CR	2	87 CR	0	88 CR	0	89 CR	0	90 CR	1	TOTAL CR		7	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		0	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		1	

Comments:

Vanuatu was under joint British/French administration (as New Hebrides) until independence in 1980.

1985: 1 USP=Complicated CR due to major schedule revisions late in clearance process.

VENEZUELA

TREATY STATUS

1958 Geneva Conventions: party 9-10-64 (TS), 1-28-66 (CS)
1982 UNCLOS III: not signed

MARINE JURISDICTIONAL ZONES

Marine area: 106,100 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1956
Continental Shelf:	200 m or to depth of exploitation	CS Claimed:	1956
Fisheries Zone:	not declared	FZ Claimed:	-
Excl. Economic Zone:	200 nm	EEZ Claimed:	1978

MARITIME BOUNDARIES

POTENTIAL: Colombia, Dominica, Guyana, St. Kitts & Nevis, St. Lucia, St. Vincent & Grenadines, United Kingdom (for Montserrat)

RESOLVED: Dominican Republic (1982), France (1983 for Guadeloupe & Martinique); Netherlands (2; 1978 for Neth. Antilles), Trinidad & Tobago (1990), United States (for Puerto Rico, Virgin Is., 1980); for CONTINENTAL SHELF--Trinidad & Tobago (1945, 1990)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

- Act Establishing an EEZ along the Coasts of the Mainland and Islands of the Republic of Venezuela, 26 July 1978: jurisdiction and prior consent with regard to marine scientific research in the EEZ.
- Directive No. MD-EMC-DI-004-79 of 1 February 1980, Rules governing the grant of permits for scientific or exploratory research in waters under the jurisdiction of the Republic: Applications for conducting research will be processed only if certain requirements are met, including: The competent institution must have the backing or patronage of a competent Venezuelan institution with interests related to the proposed research project; the competent institution must agree to take aboard the research unit researchers of the sponsoring institution or qualified Venezuelan officials, who shall have access to the entire research or exploration process; model for research application attached as Annex A.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

- 1975: #18 (Clearance Procedures)
- 1976: #26 (Clearance Problems)
- 1977: #45 (Clearance Problems)
- 1978: #50 (Embassy report)
- 1988: #81 (Complex clearance requirements)
- 1989: #85 (Foreign participation aboard U.S. Research Vessels: Venezuela has stated or experience has indicated that foreign participation is required as a condition of approval for research projects in areas subject to its jurisdiction. This generally involves travel costs for foreign participants to meet the vessel, room and board while embarked, return travel costs, and cost of providing the data.)
- 1990: #68[4] (Lead-time for Clearance Requests is 5 months; "requests must be submitted through official channels")

VENEZUELA

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	1	73 CR	1	74 CR	4	75 CR	3	76 CR	2	77 CR	4	78 CR	2
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	1	73CSP	0	74CSP	1	75CSP	3	76CSP	1	77CSP	2	78CSP	1
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	2	80 CR	1	81 CR	1	82 CR	1	83 CR	2	84 CR	2	85 CR	6
79 DN	1	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	2	85 DN	0
79CSP	0	80CSP	1	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	4	87 CR	2	88 CR	5	89 CR	2	90 CR	2	TOTAL CR		47	
86 DN	1	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		4	
86CSP	2	87CSP	1	88CSP	2	89CSP	0	90CSP	0	TOTAL CSP		15	
86USP	1	87USP	0	88USP	2	89USP	1	90USP	1	TOTAL USP		5	

Comments:

- 1972: 1 CSP=Anecdotal information unavailable.
- 1974: 1 CSP=Operator requested clearance with 6-mo. lead-time for benthic chemical work in Cariaco Trench. Since State Dept. did not recognize jurisdiction over trench; information rather than request was forwarded by State Dept. Research cancelled when Venezuela threatened to seize ship if work was attempted.
- 1975: 3 CSP=Anecdotal information unavailable.
- 1976: 1 CSP=Operator requested clearance in August 1975 for biological work in January. State Dept. forwarded request one month later. Venezuela delayed approval awaiting report of earlier cruise. By February, no approval received; research cancelled.
- 1977: 2 CSP=1--anecdotal information unavailable. 1--Operator requested clearance with 5-mo. lead-time for biological work; approval apparently received conditional on accommodating observer who never appeared; research cancelled.
- 1978: 1 CSP=Anecdotal information unavailable.
- 1979: 1 DN =no reason given.
- 1980: 1 CSP=clearance received several weeks after scheduled start date of research.
- 1984: 1 CR for Venezuela, 1 for Aves Island; 2 DN=both originally approved, later denied when ships were unable to pick up Venezuelan participants.
- 1986: 1 DN =due to insufficient lead-time.
2 CSP=1--cancellation since approval not given until 3 days after proposed start of research; 1--no response to CR.
1 USP=cancellation due to funding problems.
- 1987: 1 CSP=Request cancelled "owing to onerous requirements for clearance."
- 1988: 2 CSP=1--approval received several days late, however research was conducted on schedule because of long transit to operating area; 1--Venezuela did not approve research, no reason given.
2 USP= 1--cancelled due to lack of funding; 1--several problems developed when revisions were requested after commencing research which were solved when Venezuelan participant went aboard during later part of survey.
- 1989: 1 USP=research cancelled due to lack of funding.
- 1990: 1 USP=research cancelled prior to Venezuelan response.

VIETNAM

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 210,600 sq. nm

TS Claimed: 1964

CS Claimed: 1977

FZ Claimed: -

EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Cambodia, China, Indonesia, Malaysia, Philippines, Thailand
RESOLVED: Cambodia (1982 agreement on historic waters)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

• Statement on the Territorial Sea, the Contiguous Zone, the Exclusive Economic Zone, and the Continental Shelf of 12 May 1977: exclusive jurisdiction with regard to scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

WESTERN SAMOA

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 9-28-84

MARINE JURISDICTIONAL ZONES

Marine area: 38,100 sq. nm

Territorial Sea:	12 nm	TS Claimed:	1971
Continental Shelf:	not declared	CS Claimed:	-
Fisheries Zone:	was 12 nm; amended by EEZ legis.	FZ Claimed:	1972
Excl. Economic Zone:	200 nm	EEZ Claimed:	1977

MARITIME BOUNDARIES

POTENTIAL: France (for Wallis & Futuna I.), New Zealand (for Tokelau I.), Tonga, U.S. (for Am. Samoa)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

• Exclusive Economic Zone Act No. 3 of 25 August 1977, as amended by the Exclusive Economic Zone Act 1980:
 Head of State may make regulations for the conduct of scientific research in the EEZ.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0								
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0								
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0								
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0								
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	2								
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0								
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0								
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0								
86 CR	2	87 CR	0	88 CR	0	89 CR	2	90 CR	2	TOTAL CR		8									
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0					TOTAL DN		0					
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0									TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	1	90USP	0												

Comments:

1989: 1 USP=research cancelled by NOAA.

YEMEN ARAB REPUBLIC (N. YEMEN)

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 12-10-82

MARINE JURISDICTIONAL ZONES

Marine area: 9,900 sq. nm

Territorial Sea: 12 nm	TS Claimed: 1967
Continental Shelf: 200 m or to depth of exploitation	CS Claimed: 1967
Fisheries Zone: was 12 nm; see TS claim	FZ Claimed: 1964
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Ethiopia, Saudi Arabia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? Y MSR Regulations other than Jurisdiction? Y (See below)

Reunification with Peo. Dem. Rep. of Yemen (S. Yemen) on 22 May 1990. All treaties and agreements concluded by either of the former republics and in force prior to merging will continue (per letter of 19 May 1990 from Ministers for Foreign Affairs of former republics to the Secretary-General of the United Nations). Thus LOS ratification by S. Yemen, offshore claims and MSR jurisdictions will be adopted by the new Republic of Yemen.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72CSP	0	73CSP	0	74CSP	0	75CSP	0	76CSP	0	77CSP	0	78CSP	0
72USP	0	73USP	0	74USP	0	75USP	0	76USP	0	77USP	0	78USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79CSP	0	80CSP	0	81CSP	0	82CSP	0	83CSP	0	84CSP	0	85CSP	0
79USP	0	80USP	0	81USP	0	82USP	0	83USP	0	84USP	0	85USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		0	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86CSP	0	87CSP	0	88CSP	0	89CSP	0	90CSP	0	TOTAL CSP		0	
86USP	0	87USP	0	88USP	0	89USP	0	90USP	0	TOTAL USP		0	

Comments:

No U.S. clearance request activity from 1972 to present.

1990: Although North and South Yemen unified in May 1990 as the Republic of Yemen, discrete country profiles will be maintained until national maritime legislation and claims are unified as well.

YEMEN, PEO. DEM. REP. OF (S. YEMEN)

TREATY STATUS

1958 Geneva Conventions: not party
1982 UNCLOS III: signed 12-10-82; ratified 7-21-87

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
Continental Shelf: 200 nm or to edge of continental margin
Fisheries Zone: not declared
Excl. Economic Zone: 200 nm

Marine area: 160,500 sq. nm

TS Claimed: 1970/77
CS Claimed: 1977
FZ Claimed: -
EEZ Claimed: 1977

MARITIME BOUNDARIES

POTENTIAL: Djibouti, Oman, Saudi Arabia, Somalia

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? **MSR Regulations other than Jurisdiction?** (See below)

Reunification with Yemen Arab Republic (N. Yemen) on 22 May 1990. All treaties and agreements concluded by either of the former republics and in force prior to merging will continue (per letter of 19 May 1990 from Ministers for Foreign Affairs of former republics to the Secretary-General of the United Nations). Thus LOS ratification, offshore claims and MSR jurisdiction of S. Yemen will be adopted by the new Republic of Yemen.

• Act No. 45 of 17 December 1977 concerning the Territorial Sea, Exclusive Economic Zone, Continental Shelf and Other Marine Areas: exclusive jurisdiction over the authorization, regulation, and control of scientific research in the territorial sea and exclusive economic zone; may regulate, authorize and control scientific research on the continental shelf.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	1
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	1
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	0	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	0	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1978: 1 CSP=Operator requested clearance with 6-mo. lead-time for seabed work. Approval never received; nearshore research cancelled.

1990: Although North and South Yemen unified in May 1990 as the Republic of Yemen, discrete country profiles will be maintained until national maritime legislation and claims are unified as well.

YUGOSLAVIA

TREATY STATUS

1958 Geneva Conventions: party 1-28-66 (TS, CS)
 1982 UNCLOS III: signed 12-10-82, ratified 5-5-86

MARINE JURISDICTIONAL ZONES

	Marine area: 15,300 sq. nm
Territorial Sea: 12 nm	TS Claimed: 1979
Continental Shelf: to lines established by international treaties [with Italy]	CS Claimed: 1987
Fisheries Zone: was 12 nm; superseded by TS claim	FZ Claimed: 1965
Excl. Economic Zone: not declared	EEZ Claimed: -

MARITIME BOUNDARIES

POTENTIAL: Albania
 RESOLVED: for CONTINENTAL SHELF-Italy (1970)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N Y **MSR Regulations other than Jurisdiction?** N Y (See below)

• Act Concerning the Coastal Sea and the Continental Shelf, 23 July 1987 (entered into force August 1990):
 Yugoslavia shall exercise sovereign rights over the continental shelf relating to the exploration and exploitation of the natural resources of the shelf....These rights do not affect the legal status of the waters or airspace above the continental shelf; the exercise of Yugoslavia's rights on the continental shelf shall not unjustifiably interfere with... fundamental oceanographic or other scientific research of a public nature....The Federal Executive Council shall prescribe the manner in which...foreign scientific research vessels may enter, traverse and stay, and undergo repairs in the coastal sea. The federal administrative authority responsible for internal affairs, by agreement with the Federal Secretary of National Defence, shall adopt regulations concerning the conduct of underwater activities (underwater photography, surveys of the seabed and the like).

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

1977 #34 (Regulations for diving and photography in coastal waters)
 If submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR 0	73 CR 0	74 CR 0	75 CR 0	76 CR 0	77 CR 0	78 CR 0	
72 DN 0	73 DN 0	74 DN 0	75 DN 0	76 DN 0	77 DN 0	78 DN 0	
72 CSP 0	73 CSP 0	74 CSP 0	75 CSP 0	76 CSP 0	77 CSP 0	78 CSP 0	
72 USP 0	73 USP 0	74 USP 0	75 USP 0	76 USP 0	77 USP 0	78 USP 0	
79 CR 0	80 CR 0	81 CR 0	82 CR 0	83 CR 0	84 CR 0	85 CR 0	
79 DN 0	80 DN 0	81 DN 0	82 DN 0	83 DN 0	84 DN 0	85 DN 0	
79 CSP 0	80 CSP 0	81 CSP 0	82 CSP 0	83 CSP 0	84 CSP 0	85 CSP 0	
79 USP 0	80 USP 0	81 USP 0	82 USP 0	83 USP 0	84 USP 0	85 USP 0	
86 CR 0	87 CR 0	88 CR 0	89 CR 0	90 CR 1	TOTAL CR 1		
86 DN 0	87 DN 0	88 DN 0	89 DN 0	90 DN 0			TOTAL DN 0
86 CSP 0	87 CSP 0	88 CSP 0	89 CSP 0	90 CSP 0			TOTAL CSP 0
86 USP 0	87 USP 0	88 USP 0	89 USP 0	90 USP 0			TOTAL USP 0

Comments:

1992: Discrete profile will be maintained until issues of sovereignty among former republics, maritime claims, and jurisdictions are settled.

ZAIRE

TREATY STATUS

1958 Geneva Conventions: not party
 1982 UNCLOS III: signed 8-22-83, ratified 2-17-89

MARINE JURISDICTIONAL ZONES

Territorial Sea: 12 nm
 Continental Shelf: not declared
 Fisheries Zone: 200 nm
 Excl. Economic Zone: 200 nm

Marine area: 300 sq. nm
 TS Claimed: 1974
 CS Claimed: -
 FZ Claimed: 1974?
 EEZ Claimed: 1983/89?

MARITIME BOUNDARIES

POTENTIAL: Angola (2)

RESEARCH JURISDICTION

MSR Jurisdiction Claimed? N MSR Regulations other than Jurisdiction? N (See below)

Not aware of any formal jurisdiction over MSR; Zaire signed and ratified UNCLOS III, however, which iterates in Article 245, "Coastal States, in the exercise of their sovereignty, have the exclusive right to regulate, authorize, and conduct marine scientific research in their territorial sea"; and Article 246: in the EEZ and on the continental shelf, the coastal state has the "right to regulate, authorize, and conduct" marine scientific research.

U.S. RESEARCH CLEARANCE HISTORY

U.S. State Dept. "Notices to Research Vessel Operators" (NTRVO) on this country:

No NTRVOs on this country; if submitting Clearance Request, State Dept. recommends 3-month lead-time.

U.S. Clearance Requests 1972-90:

[CR = Clearance requests of which some are: DN = Denials; CSP = Coastal State Problems; USP = US Problems]

72 CR	0	73 CR	0	74 CR	0	75 CR	0	76 CR	0	77 CR	0	78 CR	0
72 DN	0	73 DN	0	74 DN	0	75 DN	0	76 DN	0	77 DN	0	78 DN	0
72 CSP	0	73 CSP	0	74 CSP	0	75 CSP	0	76 CSP	0	77 CSP	0	78 CSP	0
72 USP	0	73 USP	0	74 USP	0	75 USP	0	76 USP	0	77 USP	0	78 USP	0
79 CR	0	80 CR	0	81 CR	0	82 CR	0	83 CR	0	84 CR	0	85 CR	0
79 DN	0	80 DN	0	81 DN	0	82 DN	0	83 DN	0	84 DN	0	85 DN	0
79 CSP	0	80 CSP	0	81 CSP	0	82 CSP	0	83 CSP	0	84 CSP	0	85 CSP	0
79 USP	0	80 USP	0	81 USP	0	82 USP	0	83 USP	0	84 USP	0	85 USP	0
86 CR	0	87 CR	1	88 CR	0	89 CR	0	90 CR	0	TOTAL CR		1	
86 DN	0	87 DN	0	88 DN	0	89 DN	0	90 DN	0	TOTAL DN		0	
86 CSP	0	87 CSP	1	88 CSP	0	89 CSP	0	90 CSP	0	TOTAL CSP		1	
86 USP	0	87 USP	0	88 USP	0	89 USP	0	90 USP	0	TOTAL USP		0	

Comments:

1987: 1 CSP=Request not submitted for political reasons.

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195	Figure 2. MAP, "MARITIME CLAIMS AND MARINE SCIENTIFIC RESEARCH JURISDICTION"
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200	Figure 4. DRAFT STANDARD FORM, "CONSENT TO CONDUCT MARINE SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL JURISDICTION OF"

Table 1: SUMMARY OF ANNUAL U.S. RESEARCH CLEARANCE ACTIVITY 1972-90

	19__:	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	TOTALS
U.S. Clearance Requests (CR)		37	62	50	59	60	92	81	100	68	78	72	109	165	276	259	179	268	255	230	2,500
Denials (DN)		0	3	0	2	2	8	1	5	1	4	2	2	8	4	12	4	4	2	4	68
Coastal State Problems (CSP)		10	7	7	18	11	25	20	15	9	5	3	9	14	34	33	27	58	35	35	375
U.S. Problems (USP)		0	2	2	0	0	1	0	6	16	6	9	8	22	26	21	17	36	33	21	226
Number of Coastal States with CR Activity		23	38	21	26	26	31	36	34	19	24	25	30	49	60	59	66	56	51	60	111
Number of Coastal States Issuing Denials		0	3	0	2	2	6	1	3	1	1	1	2	4	3	7	4	4	2	3	21
Number of Coastal States Generating Problems		8	5	3	11	11	12	14	5	3	4	2	6	9	22	14	15	24	16	18	71
Number of Coastal States Affected by U.S. Problems		0	1	2	0	0	1	0	4	6	4	3	6	17	15	15	13	22	22	9	53

Definitions

CLEARANCE REQUEST (CR): Requests for Research Vessel Clearance submitted on behalf of U.S. research vessel operators by U.S. Dept. of State to Coastal States.

DENIAL (DN): Request for clearance was denied by Coastal State.

COASTAL-STATE PROBLEMS (CSP):

Possible problems = late approval by Coastal State resulted in research delay/cancellation; approval withheld since U.S. didn't meet specified lead-time requirement; no response to U.S. request; or unusual conditions or fees imposed by Coastal State

U.S. PROBLEMS (USP):

Possible problems = cancellation or delay by U.S. due to funding problems or equipment/ship problems; or approval received although U.S. was late in submitting request within required lead-time.

Data sources for CR and DN

1972-78: W.S. Wooster, "Research in Troubled Waters", Ocean Dev. & Intl. Law Jnl., Vol. 9 (3-4).

1979-90: Yearly summaries of clearance requests prepared by U.S. Dept. of State's Office of Ocean Affairs (Bureau of Oceans and International Environmental and Scientific Affairs)

Table 2: LISTING OF COASTAL STATES AND ANNUAL U.S. RESEARCH CLEARANCE ACTIVITY 1972-90

	19																			Coastal State Totals †	
	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	CR	DN
ALGERIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	4	
ANGOLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
ANTIGUA AND BARBUDA	0	0	0	0	0	0	0	0	0	0	0	1	1	8	4	3	2	4	3	26	
ARGENTINA	1	0	0	2	1	0	2	1	0	3	0	0	3	1	3	0	5	2	0	24	
AUSTRALIA	0	1	1	1	1	0	0	2	0	0	0	0	1	2	2	2	1	0	2	16	
BAHAMAS	2	0	2	4	4	2	3	4	5	4	5	4	5	7	10	11	8	14	20	118	
BAHRAIN	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
BARBADOS	1	2	3	0	0	1	0	1	1	3	1	5	5	8	5	3	7	5	3	55	
BELIZE	0	0	0	0	0	0	0	0	0	1	0	0	1	3	1	2	1	0	2	11	
BENIN	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
BRAZIL	2	0	2	2	3	4	2	4	0	0	5	3	4	7	4	2	4	6	6	60	6
CAMEROON	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2		
CANADA	1	1	1	4	10	17	8	14	22	14	16	27	35	36	39	27	35	34	32	373	1
CAPE VERDE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	
CHILE	1	3	2	2	1	2	4	1	2	2	5	6	1	3	3	4	2	3	49		
CHINA, PEO. REPUBLIC OF	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	3	
COLOMBIA	1	2	2	1	1	3	3	0	0	0	0	1	0	2	6	2	8	6	2	40	2
CONGO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2		
COOK ISLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	1	2	10		
COSTA RICA	0	2	2	0	0	2	6	1	1	1	1	0	1	2	4	2	3	3	4	35	
COTE D'IVOIRE	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	4		
CUBA	0	0	0	0	0	1	2	3	1	0	0	0	0	0	0	0	0	0	8	3	
DENMARK	1	1	0	0	0	0	0	0	1	0	0	3	1	2	1	1	3	3	19		
DJIBOUTI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
DOMINICA	0	0	0	0	0	0	0	2	0	1	0	0	2	8	5	4	5	9	2	38	
DOMINICAN REPUBLIC	0	1	0	1	0	0	1	2	4	0	1	0	6	7	2	0	6	7	5	43	
ECUADOR	0	1	5	5	1	2	2	0	0	0	3	3	4	6	4	2	2	2	4	46	2
EGYPT	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	0	0	4		
EL SALVADOR	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	3		
EQUATORIAL GUINEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
ETHIOPIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
FIJI	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	0	0	2	10		
FRANCE	3	3	2	0	2	4	1	2	2	1	3	5	6	15	14	9	14	23	13	122	2
GABON	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3		
GAMBIA, THE	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2		
GERMANY, FEDERAL REPUBLIC OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
GUANA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4		
GREECE	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0	4		
GRENADA	0	0	0	0	0	0	0	1	0	0	0	0	2	8	6	2	3	7	29		
GUATEMALA	0	0	0	0	0	0	1	0	0	2	0	0	1	2	1	1	1	1	12		

Table 2: LISTING OF COASTAL STATES AND ANNUAL U.S. RESEARCH CLEARANCE ACTIVITY 1972-90

	19__																			Coastal State Totals ↑	
	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	CR	DN
GUINEA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
GUINEA-BISSAU	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	3	
GUYANA	0	0	1	0	1	2	0	1	0	0	0	0	1	5	0	1	2	1	2	17	
HAITI	1	1	0	0	0	0	1	1	1	2	2	2	5	8	4	1	6	6	3	44	
HONDURAS	0	0	0	0	0	1	2	0	0	1	1	1	3	6	6	1	6	3	2	33	
ICELAND	1	2	0	1	0	0	1	0	0	0	0	3	0	2	0	1	2	2	3	18	
INDIA	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
INDONESIA	0	1	0	2	1	2	0	1	1	0	0	0	0	1	1	2	3	0	0	15	1
IRAQ	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
IRELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
ISRAEL	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
ITALY	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	5	
JAMAICA	1	1	0	0	1	0	1	1	1	1	1	3	1	3	4	0	8	4	1	32	
JAPAN	0	1	0	1	1	0	0	0	0	0	0	0	3	2	2	5	1	1	2	19	
KENYA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
KIRIBATI, REP. OF	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	3	3	4	3	24	
KOREA, REPUBLIC OF (S. KOREA)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	
LIBERIA	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	5	
MALAYSIA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
MALDIVES	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	
MARSHALL ISLANDS, REPUBLIC OF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	2	8	
MAURITANIA	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	6	
MAURITIUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
MEXICO	6	8	10	12	7	14	12	33	19	26	12	11	13	20	29	17	23	19	28	319	23
MICRONESIA, FEDERATED STATES OF	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	5	12	
MOROCCO	0	1	0	0	0	0	2	1	0	1	1	2	0	3	4	1	2	0	1	19	1
MYANMAR (BURMA)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
NAURU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	1	5	
NETHERLANDS	1	1	1	0	0	3	0	1	0	0	1	1	1	2	4	2	2	5	2	27	
NEW ZEALAND	0	0	0	0	0	0	0	1	0	0	1	1	1	1	2	0	2	0	4	12	
NICARAGUA	0	0	0	0	0	2	4	1	0	1	0	0	0	0	1	0	0	0	0	9	
NIGERIA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	
NIUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	
NORWAY	0	0	0	0	1	0	2	0	0	0	0	5	3	0	1	3	5	4	2	3	
OMAN	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	0	26	1
PALAU	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	4	
PANAMA	0	1	0	1	1	2	4	2	0	0	0	2	3	1	5	1	3	1	2	29	
PAPUA NEW GUINEA	0	0	0	0	0	0	0	1	0	0	0	2	3	2	1	2	0	3	14		
PERU	0	4	2	3	5	5	1	1	1	2	4	4	3	3	5	2	1	1	2	49	
PHILIPPINES	0	1	0	2	2	0	0	2	2	0	0	0	0	1	0	1	6	1	2	20	

Table 2: LISTING OF COASTAL STATES AND ANNUAL U.S. RESEARCH CLEARANCE ACTIVITY 1972-90

	19__ : 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90																			Coastal State Totals †	
	CR	DN	CR	DN	CR	DN	CR	DN	CR	DN	CR	DN	CR	DN	CR	DN	CR	DN	CR	DN	CR
PORTUGAL	4	2	0	1	0	0	0	0	0	0	0	0	1	1	2	1	1	5	19	1	
ROMANIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0
SAINT KITTS AND NEVIS	0	0	0	0	0	0	0	0	0	0	0	0	4	4	3	2	5	2	20	2	0
SAINT LUCIA	0	0	0	0	0	0	2	1	2	2	0	3	8	6	3	5	8	1	41	4	1
SAINT VINCENT AND THE GRENADINES	0	0	0	0	0	0	1	1	2	1	0	4	9	6	3	8	8	0	43	4	1
SAUDI ARABIA	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	4	1	0
SENEGAL	2	2	3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	10	1	0
SEYCHELLES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
SIERRA LEONE	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4	4	0
SOLOMON ISLANDS	0	0	0	0	0	0	0	0	0	2	0	1	2	2	1	1	0	1	10	1	0
SOMALIA	0	0	0	0	0	0	1	1	0	1	0	1	0	1	0	0	1	0	6	6	0
SOUTH AFRICA	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	1	0	5	5	0
SPAIN	1	1	2	2	0	1	2	0	2	2	2	2	3	8	3	5	0	3	39	3	0
SRILANKA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0
SUDAN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
SURINAME	0	0	1	0	1	2	0	1	0	0	0	1	2	0	1	0	2	2	13	2	0
TAIWAN	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	3	3	0
TONGA	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	2	3	10	10	0
TRINIDAD AND TOBAGO	0	0	1	0	3	2	1	1	0	0	0	1	6	2	1	0	2	2	22	2	3
TURKEY	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3	3	0
TUVALU	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	4	4	0
UNION OF SOVIET SOCIALIST REPUBLICS	0	1	0	0	1	2	1	2	0	0	0	3	0	2	0	3	0	1	16	6	0
UNITED ARAB EMIRATES	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	2	0
UNITED KINGDOM	2	5	2	3	6	3	4	3	3	2	3	5	10	18	12	13	25	31	166	166	0
URUGUAY	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	5	5	0
VANUATU	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	0	1	7	7	0
VENEZUELA	1	1	4	3	2	4	2	2	1	1	2	2	6	4	2	5	2	2	47	4	0
WESTERN SAMOA	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2	8	8	0
YEMEN, PEO. DEM. REP. OF (S. YEMEN)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
YUGOSLAVIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
ZAIRE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0
Total Requests	37	62	50	59	60	92	81	100	68	78	72	109	165	276	259	179	268	255	230	2,500	68
<i>Number of Coastal States</i>	<i>23</i>	<i>38</i>	<i>21</i>	<i>26</i>	<i>26</i>	<i>31</i>	<i>36</i>	<i>34</i>	<i>19</i>	<i>24</i>	<i>25</i>	<i>30</i>	<i>49</i>	<i>60</i>	<i>59</i>	<i>66</i>	<i>56</i>	<i>51</i>	<i>60</i>	<i>111</i>	<i>21</i>

† CR = U.S. Clearance Requests; DN = Denial; request for clearance was denied by Coastal State

Data sources
 1972-78: W.S. Wooster, "Research in Troubled Waters", Ocean Dev. & Int. Law Jnl., Vol. 9 (3-4).
 1979-90: Yearly summaries of clearance requests prepared by U.S. Dept. of State's Office of Ocean Affairs
 (Bureau of Oceans and International Environmental and Scientific Affairs)

Table 3: SUMMARY OF ALL COASTAL STATES AND U.S. RESEARCH CLEARANCE ACTIVITY AND PROBLEMS 1972-90

[CR=U.S. clearance requests; DN=Denials to U.S.; CSP=Problems generated by coastal state; USP=Problems generated by U.S.]

	CR	DN	CSP	USP		CR	DN	CSP	USP
ALBANIA	0	0	0	0	IRELAND	1	0	0	1
ALGERIA	4	0	4	0	ISRAEL	1	0	0	0
ANGOLA	1	0	1	0	ITALY	5	0	2	0
ANTIGUA AND BARBUDA	26	0	1	0	JAMAICA	32	0	3	2
ARGENTINA	24	0	5	3	JAPAN	19	0	2	0
AUSTRALIA	16	0	0	3	JORDAN	0	0	0	0
BAHAMAS	118	0	5	10	KENYA	1	0	0	0
BAHRAIN	1	0	1	0	KIRIBATI, REP. OF	24	0	5	2
BANGLADESH	0	0	0	0	KOREA, DEM. PEOPLE'S REP. OF (N.	0	0	0	0
BARBADOS	55	0	7	4	KOREA, REPUBLIC OF (S. KOREA)	2	0	2	0
BELGIUM	0	0	0	0	KUWAIT	0	0	0	0
BELIZE	11	0	2	1	LEBANON	0	0	0	0
BENIN	1	0	0	0	LIBERIA	5	0	1	0
BRAZIL	60	6	6	10	LIBYA	0	0	0	0
BRUNEI DARUSSALAM	0	0	0	0	MADAGASCAR	0	0	0	0
BULGARIA	0	0	0	0	MALAYSIA	1	0	1	0
CAMBODIA	0	0	0	0	MALDIVES	2	0	1	0
CAMEROON	2	0	0	0	MALTA	0	0	0	0
CANADA	373	1	6	32	MARSHALL ISLANDS, REPUBLIC OF	8	0	1	0
CAPE VERDE	2	0	0	0	MAURITANIA	6	0	2	1
CHILE	49	0	6	6	MAURITIUS	1	1	0	0
CHINA, PEO. REPUBLIC OF	3	0	2	0	MEXICO	319	23	139	42
COLOMBIA	40	2	12	2	MICRONESIA, FEDERATED STATES OF	12	0	2	1
COMOROS	0	0	0	0	MONACO	0	0	0	0
CONGO	2	0	0	1	MOROCCO	19	1	1	2
COOK ISLANDS	10	0	0	2	MOZAMBIQUE	0	0	0	0
COSTA RICA	35	0	2	3	MYANMAR (BURMA)	1	1	0	0
COTE d'IVOIRE	4	0	0	0	NAMIBIA	0	0	0	0
CUBA	8	3	2	0	NAURU	5	0	1	0
CYPRUS	0	0	0	0	NETHERLANDS	27	0	2	2
DENMARK	19	0	1	2	NEW ZEALAND	12	0	0	2
DJIBOUTI	1	0	0	1	NICARAGUA	9	0	1	0
DOMINICA	38	0	3	3	NIGERIA	2	0	0	0
DOMINICAN REPUBLIC	43	0	7	4	NIUE	3	0	0	0
ECUADOR	46	2	5	4	NORWAY	26	0	1	2
EGYPT	4	0	0	0	OMAN	4	1	1	0
EL SALVADOR	3	0	1	0	PAKISTAN	0	0	0	0
EQUATORIAL GUINEA	1	0	0	0	PALAU	4	0	0	0
ETHIOPIA	1	0	1	0	PANAMA	29	0	6	5
FIJI	10	0	1	3	PAPUA NEW GUINEA	14	0	0	1
FINLAND	0	0	0	0	PERU	49	0	6	3
FRANCE	122	2	17	11	PHILIPPINES	20	0	2	0
GABON	3	0	0	1	POLAND	0	0	0	0
GAMBIA, THE	2	0	0	0	PORTUGAL	19	1	3	1
GERMAN DEMOCRATIC REPUBLIC	0	0	0	0	QATAR	0	0	0	0
GERMANY, FEDERAL REPUBLIC OF	1	0	0	0	ROMANIA	1	0	0	1
GHANA	4	0	1	1	SAINT KITTS AND NEVIS	20	0	2	1
GREECE	4	0	1	0	SAINT LUCIA	41	0	2	3
GRENADA	29	0	1	2	SAINT VINCENT AND THE GRENADINES	43	0	4	3
GUATEMALA	12	0	2	1	SAO TOME AND PRINCIPE	0	0	0	0
GUINEA	1	0	0	0	SAUDI ARABIA	4	1	1	0
GUINEA-BISSAU	3	0	0	0	SENEGAL	10	0	2	0
GUYANA	17	0	2	0	SEYCHELLES	1	0	0	0
HAITI	44	0	10	1	SIERRA LEONE	4	0	1	0
HONDURAS	33	0	4	4	SINGAPORE	0	0	0	0
ICELAND	18	0	2	2	SOLOMON ISLANDS	10	0	0	0
INDIA	3	3	0	0	SOMALIA	6	0	1	0
INDONESIA	15	1	7	0	SOUTH AFRICA	5	0	0	0
IRAN	0	0	0	0	SPAIN	39	3	6	7
IRAQ	1	1	0	0	SRI LANKA	1	0	0	0

Table 3: SUMMARY OF ALL COASTAL STATES AND U.S. RESEARCH CLEARANCE ACTIVITY AND PROBLEMS 1972-90

[CR=U.S. clearance requests; DN=Denials to U.S.; CSP=Problems generated by coastal state; USP=Problems generated by U.S.]

	CR	DN	CSP	USP
SUDAN	1	0	0	0
SURINAME	13	2	2	0
SWEDEN	0	0	0	0
SYRIA	0	0	0	0
TAIWAN	3	0	0	0
TANZANIA	0	0	0	0
THAILAND	0	0	0	0
TOGO	0	0	0	0
TONGA	10	0	0	3
TRINIDAD AND TOBAGO	22	3	8	1
TUNISIA	0	0	0	0
TURKEY	3	0	1	1
TUVALU	4	0	0	1
UNION OF SOVIET SOCIALIST REPUBLICS	16	6	4	1
UNITED ARAB EMIRATES	2	0	1	0
UNITED KINGDOM	166	0	10	13
UNITED STATES	0	0	0	0
URUGUAY	5	0	0	0
VANUATU	7	0	0	1
VENEZUELA	47	4	15	5
VIETNAM	0	0	0	0
WESTERN SAMOA	8	0	0	1
YEMEN ARAB REPUBLIC (N. YEMEN)	0	0	0	0
YEMEN, PEO. DEM. REP. OF (S. YEMEN)	1	0	1	0
YUGOSLAVIA	1	0	0	0
ZAIRE	1	0	1	0
<hr/>				
Total Requests	2,500	68	375	226
<i>Number of Coastal States with Activity</i>	<i>111</i>	<i>21</i>	<i>71</i>	<i>53</i>

**Table 4: REGIONAL SUMMARY OF
U.S. RESEARCH CLEARANCE ACTIVITY AND PROBLEMS 1972-90**

*[Countries listed in region where majority of U.S. clearance activity was requested,
e.g. France listed in Caribbean since majority of U.S. activity is in area of French Caribbean dependencies]*

REGION / COUNTRY	# U.S. Clearances Requested	# Denials	# Coastal State Problems	% of Clearances with Denials or Problems
MEDITERRANEAN / BLACK SEAS				
ALBANIA	0	0	0	0
ALGERIA	4	0	4	100
BULGARIA	0	0	0	0
CYPRUS	0	0	0	0
GREECE	4	0	1	25
ISRAEL	1	0	0	0
ITALY	5	0	2	40
LEBANON	0	0	0	0
LIBYA	0	0	0	0
MALTA	0	0	0	0
MONACO	0	0	0	0
ROMANIA	1	0	0	0
SYRIA	0	0	0	0
TUNISIA	0	0	0	0
TURKEY	3	0	1	33
YUGOSLAVIA	1	0	0	0
REGIONAL SUBTOTAL	19	0	8	42 %
PERSIAN GULF / RED SEA				
BAHRAIN	1	0	1	100
DJIBOUTI	1	0	0	0
EGYPT	4	0	0	0
IRAN	0	0	0	0
IRAQ	1	1	0	100
JORDAN	0	0	0	0
KUWAIT	0	0	0	0
OMAN	4	1	1	50
QATAR	0	0	0	0
SAUDI ARABIA	4	1	1	50
SUDAN	1	0	0	0
UNITED ARAB EMIRATES	2	0	1	50
YEMEN ARAB REPUBLIC (N. YEMEN)	0	0	0	0
YEMEN, PEO. DEM. REP. OF (S. YEMEN)	1	0	1	100
REGIONAL SUBTOTAL	19	3	5	42 %
INDIAN OCEAN				
COMOROS	0	0	0	0
ETHIOPIA	1	0	1	100
INDIA	3	3	0	100
KENYA	1	0	0	0
MADAGASCAR	0	0	0	0
MALDIVES	2	0	1	50
MAURITIUS	1	1	0	100
MOZAMBIQUE	0	0	0	0
PAKISTAN	0	0	0	0
SEYCHELLES	1	0	0	0
SOMALIA	6	0	1	17
SRI LANKA	1	0	0	0
TANZANIA	0	0	0	0
REGIONAL SUBTOTAL	16	4	3	44 %

**Table 4: REGIONAL SUMMARY OF U.S. RESEARCH CLEARANCE ACTIVITY
AND PROBLEMS 1972-90 (continued)**

REGION / COUNTRY	# U.S. Clearances Requested	# Denials	# Coastal State Problems	% of Clearances with Denials or Problems
EAST ASIAN				
BANGLADESH	0	0	0	0
BRUNEI DARUSSALAM	0	0	0	0
CAMBODIA	0	0	0	0
INDONESIA	15	1	7	53
MALAYSIA	1	0	1	100
MYANMAR (BURMA)	1	1	0	100
PHILIPPINES	20	0	2	10
SINGAPORE	0	0	0	0
TAIWAN	3	0	0	0
THAILAND	0	0	0	0
VIETNAM	0	0	0	0
REGIONAL SUBTOTAL	40	2	10	30 %
NORTHWEST PACIFIC				
CHINA, PEO. REPUBLIC OF	3	0	2	67
JAPAN	19	0	2	11
KOREA, DEM. PEO. REP. OF (N. KOREA)	0	0	0	0
KOREA, REPUBLIC OF (S. KOREA)	2	0	2	100
U.S.S.R. (until 1991) (also N. ATLANTIC, BLACK SEA)	16	6	4	63
REGIONAL SUBTOTAL	40	6	10	40 %
NORTHEAST PACIFIC				
EL SALVADOR	3	0	1	33
REGIONAL SUBTOTAL	3	0	1	33 %
SOUTH PACIFIC				
AUSTRALIA	16	0	0	0
COOK ISLANDS	10	0	0	0
FIJI	10	0	1	10
KIRIBATI, REP. OF	24	0	5	21
MARSHALL ISLANDS, REP. OF	8	0	1	12
MICRONESIA, FED. STATES OF	12	0	2	17
NAURU	5	0	1	20
NEW ZEALAND	12	0	0	0
NIUE	3	0	0	0
PALAU	4	0	0	0
PAPUA NEW GUINEA	14	0	0	0
SOLOMON ISLANDS	10	0	0	0
TONGA	10	0	0	0
TUVALU	4	0	0	0
VANUATU	7	0	0	0
WESTERN SAMOA	8	0	0	0
REGIONAL SUBTOTAL	157	0	10	6 %
SOUTHEAST PACIFIC				
CHILE	49	0	6	12
COLOMBIA (also CARIBBEAN)	40	2	12	35
ECUADOR	46	2	5	15
PERU	49	0	6	12
REGIONAL SUBTOTAL	184	4	29	18 %

Table 4: REGIONAL SUMMARY OF U.S. RESEARCH CLEARANCE ACTIVITY AND PROBLEMS 1972-90 (continued)

REGION / COUNTRY	# U.S. Clearances Requested	# Denials	# Coastal State Problems	% of Clearances with Denials or Problems
NORTH ATLANTIC				
BELGIUM	0	0	0	0
CANADA (also NORTHEAST PACIFIC)	373	1	6	2
DENMARK	19	0	1	5
FINLAND	0	0	0	0
GERMAN DEMOCRATIC REPUBLIC	0	0	0	0
GERMANY, FEDERAL REPUBLIC OF	1	0	0	0
ICELAND	18	0	2	11
IRELAND	1	0	0	0
NORWAY	26	0	1	4
POLAND	0	0	0	0
PORTUGAL	19	1	3	21
SPAIN	39	3	6	23
SWEDEN	0	0	0	0
REGIONAL SUBTOTAL	496	5	19	5 %
CARIBBEAN				
ANTIGUA & BARBUDA	26	0	1	4
BAHAMAS	118	0	5	4
BARBADOS	55	0	7	13
BELIZE	11	0	2	18
COSTA RICA (also NORTHEAST PACIFIC)	35	0	2	6
CUBA	8	3	2	63
DOMINICA	38	0	3	8
DOMINICAN REPUBLIC	43	0	7	16
FRANCE (also S. PACIFIC)	122	2	17	16
GRENADA	29	0	1	3
GUATEMALA (also NORTHEAST PACIFIC)	12	0	2	17
GUYANA	17	0	2	12
HAITI	44	0	10	23
HONDURAS	33	0	4	12
JAMAICA	32	0	3	9
MEXICO (also NORTHEAST PACIFIC)	319	23	139	51
NETHERLANDS	27	0	2	7
NICARAGUA (also NORTHEAST PACIFIC)	9	0	1	11
PANAMA (also NORTHEAST PACIFIC)	29	0	6	21
SAINT KITTS & NEVIS	20	0	2	10
SAINT LUCIA	41	0	2	5
SAINT VINCENT & THE GRENADINES	43	0	4	9
SURINAME	13	2	2	31
TRINIDAD & TOBAGO	22	3	8	50
UNITED KINGDOM (also S. PACIFIC, S.W. ATLANTIC)	166	0	10	6
VENEZUELA	47	4	15	40
REGIONAL SUBTOTAL	1,359	37	259	22 %
SOUTHWEST ATLANTIC				
ARGENTINA	24	0	5	21
BRAZIL	60	6	6	20
URUGUAY	5	0	0	0
REGIONAL SUBTOTAL	89	6	11	19 %

Table 4: REGIONAL SUMMARY OF U.S. RESEARCH CLEARANCE ACTIVITY AND PROBLEMS 1972-90 (continued)

REGION / COUNTRY	# U.S. Clearances Requested	# Denials	# Coastal State Problems	% of Clearances with Denials or Problems
WEST AND SOUTH AFRICA				
ANGOLA	1	0	1	100
BENIN	1	0	0	0
CAMEROON	2	0	0	0
CAPE VERDE	2	0	0	0
CONGO	2	0	0	0
COTE d'IVOIRE	4	0	0	0
EQUATORIAL GUINEA	1	0	0	0
GABON	3	0	0	0
GAMBIA, THE	2	0	0	0
GHANA	4	0	1	25
GUINEA	1	0	0	0
GUINEA-BISSAU	3	0	0	0
LIBERIA	5	0	1	20
MAURITANIA	6	0	2	33
MOROCCO (also MEDITERRANEAN/BLACK SEAS)	19	1	1	11
NAMIBIA	0	0	0	0
NIGERIA	2	0	0	0
SAO TOME & PRINCIPE	0	0	0	0
SENEGAL	10	0	2	20
SIERRA LEONE	4	0	1	25
SOUTH AFRICA	5	0	0	0
TOGO	0	0	0	0
ZAIRE	1	0	1	100
REGIONAL SUBTOTAL	78	1	10	14 %
TOTAL CLEARANCE REQUESTS	2,500	68	375	18 %
<i>Number of Coastal States with activity</i>	<i>111</i>	<i>21</i>	<i>71</i>	

**Table 5: CHRONOLOGY OF COASTAL STATE JURISDICTION OVER
MARINE SCIENTIFIC RESEARCH 1965-92**

116 Coastal States with jurisdiction or regulations for research
(* indicates maritime claim limited to 12-nm territorial sea or less)

1965	FINLAND *	1978	TONGA
1968	AUSTRALIA		TURKEY *
	BRAZIL		VENEZUELA
1969	BELGIUM	1979	BARBADOS
1972	DENMARK		DJIBOUTI
1973	ECUADOR		ICELAND
1974	BANGLADESH		KENYA
	GERMANY, FEDERAL REPUBLIC OF		SOLOMON ISLANDS
	PAPUA NEW GUINEA	1980	HONDURAS
	QATAR		UNITED ARAB EMIRATES
1975	ARGENTINA	1981	DOMINICA
	CHILE		EL SALVADOR
1976	COMOROS		FIJI
	GUATEMALA		MOROCCO
	MALDIVES		NICARAGUA
	MEXICO		SPAIN
	PAKISTAN		SWEDEN
	PERU		THAILAND
	SRI LANKA		VANUATU
	UNITED KINGDOM	1982	ANTIGUA AND BARBUDA
1977	BAHAMAS		CAMBODIA
	CAPE VERDE		LIBERIA
	COOK ISLANDS		PANAMA
	COTE d'IVOIRE	1983	CANADA
	CUBA		EGYPT
	DOMINICAN REPUBLIC		INDONESIA
	GAMBIA, THE		KIRIBATI, REP. OF
	GUYANA		SAINT VINCENT AND THE GRENADINES
	HAITI		TRINIDAD AND TOBAGO
	INDIA		TUVALU
	JAPAN	1984	EQUATORIAL GUINEA
	KOREA, DEM. PEOPLE'S REP. OF (N. KOREA)		GABON
	MAURITIUS		ITALY *
	MYANMAR (BURMA)		MALAYSIA
	NORWAY		SAINT KITTS AND NEVIS
	PORTUGAL		SAINT LUCIA
	SEYCHELLES		UNION OF SOVIET SOCIALIST REPUBLICS
	VIETNAM	1985	GUINEA
	WESTERN SAMOA		MADAGASCAR
	YEMEN ARAB REPUBLIC (N. YEMEN) *	1986	FRANCE
	YEMEN, PEO. DEM. REP. OF (S. YEMEN)		GHANA
1978	COLOMBIA		GUINEA-BISSAU
	GERMAN DEMOCRATIC REPUBLIC		ROMANIA
	GREECE *	1987	BULGARIA
	GRENADA		SENEGAL
	KOREA, REPUBLIC OF (S. KOREA) *	1988	ALGERIA *
	MARSHALL ISLANDS, REPUBLIC OF		MICRONESIA, FEDERATED STATES OF
	MAURITANIA		SIERRA LEONE
	MOZAMBIQUE	1989	CHINA, PEO. REPUBLIC OF *
	NAURU		COSTA RICA
	NETHERLANDS		IRELAND
	NEW ZEALAND		OMAN
	NGERIA		TANZANIA
	NIUE		URUGUAY
	PHILIPPINES	1991	JAMAICA
	SAO TOME AND PRINCIPE		POLAND
	SAUDI ARABIA *		TAIWAN
	SURINAME	1992	BELIZE

**Table 6: COASTAL STATES WITH NO U.S. RESEARCH
CLEARANCE REQUEST ACTIVITY 1972-90**

	MSR Jurisdiction or Regulations?		Claimed 200-nm Zone
	Yes/No	Date	
1 ALBANIA	N	-	-
2 BANGLADESH	Y	1974	1974
3 BELGIUM	Y	1969	-
4 BRUNEI DARUSSALAM	N	-	1983
5 BULGARIA	Y	1987	1987
6 CAMBODIA	Y	1982	1982
7 COMOROS	Y	1976	1976
8 CYPRUS	N	-	-
9 FINLAND	Y	1965	-
10 GERMAN DEMOCRATIC REPUBLIC	Y	1978	1977
11 IRAN	N	-	1973
12 JORDAN	N	-	-
13 KOREA, DEM. PEOPLE'S REP. OF (N. KOREA)	Y	1977	1977
14 KUWAIT	N	-	-
15 LEBANON	N	-	-
16 LIBYA	N	-	-
17 MADAGASCAR	Y	1985	1973
18 MALTA	N	-	1978
19 MONACO	N	-	-
20 MOZAMBIQUE	Y	1978	1976
21 NAMIBIA	N	-	1990
22 PAKISTAN	Y	1976	1973
23 POLAND	Y	1977	-
24 QATAR	Y	1974	1974
25 SAO TOME AND PRINCIPE	Y	1978	1978
26 SINGAPORE	N	-	-
27 SWEDEN	Y	1981	1978
28 SYRIA	N	-	1981
29 TANZANIA	Y	1989	1973
30 THAILAND	Y	1981	1981
31 TOGO	N	-	1977
32 TUNISIA	N	-	-
33 VIETNAM	Y	1977	1977
34 YEMEN ARAB REPUBLIC (N. YEMEN)	Y	1977	-

Table 7: COASTAL STATES WITH CLAIMS IN EXCESS OF 12-NM TERRITORIAL SEA AND NO JURISDICTION OR REGULATIONS OVER MARINE SCIENTIFIC RESEARCH

	<i>Coastal State</i>	<i>Maximum Offshore Zone</i>
<i>1</i>	ANGOLA	20-nm Territorial Sea
<i>2</i>	BENIN	200-nm Territorial Sea
<i>3</i>	BRUNEI DARUSSALAM	200-nm Fishery Zone
<i>4</i>	CAMEROON	50-nm Territorial Sea
<i>5</i>	CONGO	200-nm Territorial Sea
<i>6</i>	IRAN	50-nm Fishery Zone
<i>7</i>	MALTA	25-nm Fishery Zone
<i>8</i>	NAMIBIA	200-nm Exclusive Economic Zone
<i>9</i>	PALAU	200-nm Fishery Zone
<i>10</i>	SOMALIA	200-nm Territorial Sea
<i>11</i>	SOUTH AFRICA	200-nm Fishery Zone
<i>12</i>	SYRIA	35-nm Territorial Sea
<i>13</i>	TOGO	30-nm Territorial Sea and 200-nm EEZ
<i>14</i>	UNITED STATES	200-nm Exclusive Economic Zone
<i>15</i>	ZAIRE	200-nm Exclusive Economic Zone

Table 8: COASTAL STATES THAT HAVE REQUIRED OR RECOMMENDED OBSERVERS ON RESEARCH CRUISES OR RESEARCH PARTICIPATION

1	ALGERIA
2	ARGENTINA
3	AUSTRALIA
4	BAHAMAS
5	BRAZIL
6	BULGARIA
7	CANADA
8	CHILE
9	CHINA, PEO. REPUBLIC OF
10	COLOMBIA
11	COSTA RICA
12	DENMARK
13	DOMINICAN REPUBLIC
14	ECUADOR
15	EL SALVADOR
16	FIJI
17	GABON
18	GHANA
19	GREECE
20	GUINEA
21	GUYANA
22	HONDURAS
23	ICELAND
24	INDIA
25	INDONESIA
26	IRELAND
27	ITALY
28	JAMAICA
29	JAPAN
30	MALAYSIA
31	MALDIVES
32	MAURITANIA
33	MEXICO
34	MICRONESIA, FEDERATED STATES OF
35	NIGERIA
36	OMAN
37	PERU
38	PHILIPPINES
39	POLAND
40	PORTUGAL
41	ROMANIA
42	SAUDI ARABIA
43	SENEGAL
44	SOMALIA
45	SPAIN
46	SWEDEN
47	TRINIDAD AND TOBAGO
48	TURKEY
49	UNION OF SOVIET SOCIALIST REPUBLICS (until 1991)
50	UNITED KINGDOM
51	URUGUAY
52	VENEZUELA

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
ALBANIA	12 nm	not declared	was 12 nm; superseded by TS claim	no limits specified in decree of 1970 but as party to Geneva Convention on Continental Shelf, can assume claim of 200 m or to depth of exploitation
ALGERIA	12 nm	not yet declared, but provisions for jurisdiction over MSR in EEZ have been stated	12 nm	not yet declared, but provisions for jurisdiction over MSR on CS have been stated
ANGOLA	20 nm	not declared	200 nm	not declared
ANTIGUA AND BARBUDA	12 nm	200 nm	200 nm	200 nm or edge continental margin
ARGENTINA	12 nm (was 200 nm from 1967-91)	200 nm	was 200 nm; superseded by EEZ legislation	200 nm or to edge of continental margin; 11/22/91 decree claims continental shelf for commercial development, including Islas Malvinas/Falkland Islands
AUSTRALIA	12 nm; was 3 nm	200 nm (pending)	was 200 nm; superseded pending EEZ claim	200 nm or edge continental margin (pending)
BAHAMAS	3 nm	not declared	200 nm	200 m or to depth of exploitation
BAHRAIN	3 nm	not declared	not declared	limits specified through boundary agreements with Saudi Arabia, Iran
BANGLADESH	12 nm	200 nm	not declared	outer limits of the continental margin
BARBADOS	12 nm	200 nm	not declared	not declared
BELGIUM	12 nm	not declared	equidistant line	equidistant line
BELIZE	12 nm except in southern area bordering on Guatemala where TS has historically been 3 nm (from the mouth of Sarstoon River to Ranguana Caye)	200 nm or to equidistance line between Belize and adjacent State; the area beyond the southern 3-nm TS, Belize claims as part of its EEZ	not declared	declared; limits not specified; with ratification of LOS treaty, may assume 200 nm or edge continental margin; 1992 Maritime Areas Act 1992 does not define or delimit continental shelf
BENIN	200 nm	not declared	200 nm	was 100 nm but superseded by TS law
BRAZIL	12 nm assumed under new constitution, awaiting legislation; was 200 nm	200 nm assumed under new constitution, awaiting legislation	200 nm	200 m or to depth of exploitation
BRUNEI DARUSSALAM	12 nm	not declared	200 nm or median line	proclaimed; limits not specified

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
BULGARIA	12 nm	200 nm	not declared	decreed; limits not specified
CAMBODIA	12 nm	200 nm	not declared	200 nm
CAMEROON	50 nm	not declared	not declared	not declared
CANADA	12 nm	not declared	200 nm	200 nm or edge continental margin
CAPE VERDE	12 nm; was 100 nm (1975 decree)	200 nm	not declared	not declared
CHILE	12 nm	200 nm	was 200 nm; superseded by EEZ legis.	200 nm (350 nm for Easter and Sala y Gomez Islands)
CHINA, PEO. REPUBLIC OF	12 nm plus 12-nm contiguous zone	not declared	not declared	shallow areas of East China and Yellow Seas
COLOMBIA	12 nm	200 nm	not declared	200 m or to depth of exploitation
COMOROS	12 nm	200 nm	not declared	not declared
CONGO	200 nm	not declared	not declared	not declared
COOK ISLANDS	12 nm	200 nm	not declared	200nm or edge continental margin
COSTA RICA	12 nm	200 nm	was 200 nm; superseded by EEZ legis.	200 m or to depth of exploitation
COTE d'IVOIRE	12 nm	200 nm	was 12 nm; rescinded by EEZ legis.	200 nm
CUBA	12 nm	200 nm	was 10 nm; subsumed by EEZ legis.	200 m
CYPRUS	12 nm	not declared	not declared	200 m or to depth of exploitation
DENMARK	3 nm	not declared	200 nm	200 m or to depth of exploitation
DJIBOUTI	12 nm	200 nm	not declared	not declared
DOMINICA	12 nm	200 nm	200 nm	not declared
DOMINICAN REPUBLIC	6 nm	200 nm	was 12 nm; subsumed by EEZ legis.	200nm or edge continental margin
ECUADOR	200 nm	not declared	was 200 nm; subsumed by TS decree	area including continental and Galapagos territorial seas and up to 100 nm from 2500 meter isobath
EGYPT	12 nm	200 nm	not declared	200 m or to depth of exploitation
EL SALVADOR	200 nm	not declared	not declared	not declared
EQUATORIAL GUINEA	12 nm	200 nm	not declared	not declared
	12 nm	not declared	not specified	not declared

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
FIJI	12 nm	200 nm	not declared	200 m or to depth of exploitation
FINLAND	4 nm	not declared	12 nm	200 m or to depth of exploitation
FRANCE	12 nm	200 nm, including dependencies of Amsterdam/St. Paul, Bassas da India, Clipperton, Crozet, Europa Is., Fr. Guiana, Fr. Polynesia, Glorioso, Guadeloupe, Juan de Nova, Kerguelen, Martinique, Mayotte, New Caledonia, Reunion, St. Barthelemy, St. Martin, St. Pierre and Miquelon, Tromelin, Wallis and Futuna	was 12 nm; amended by EEZ legis.	200 m or to depth of exploitation
GABON	12 nm; was 100 nm (Ordinance of 1972)	200 nm	was 150 nm; superseded by EEZ legis.	not declared
GAMBIA, THE	12 nm	not declared	200 nm	declared; limits not specified
GERMAN DEMOCRATIC REPUBLIC	12 nm	not declared	median line or delimitation by agreement	200 m or to depth of exploitation
GERMANY, FEDERAL REPUBLIC OF	3-16 nm (Helgoländer Bucht extended TS)	not declared	200 nm in the North Sea	200 m or to depth of exploitation
GHANA	12 nm; was 200 nm (1977 decree)	200 nm	was 200 nm; superseded by EEZ legis.	200 nm
GREECE	6 nm	not declared	not declared	200 m or to depth of exploitation
GRENADA	12 nm	200 nm	not declared	not declared
GUATEMALA	12 nm	200 nm	not declared	200 m or to depth of exploitation
GUINEA	12 nm; was 200 nm (1965 decree)	200 nm	not declared	not declared
GUINEA-BISSAU	12 nm; was 150 nm (1974 decree)	200 nm	not declared	not declared
GUYANA	12 nm	200 nm (enabling legislation only)	200 nm	200nm or edge continental margin
HAITI	12 nm	200 nm	was 15 nm; superseded by EEZ decree	200 m or to depth of exploitation
HONDURAS	12 nm	200 nm	not declared	200 m or to depth of exploitation
ICELAND	12 nm	200 nm	was 200 nm; subsumed by EEZ legis.	200nm or edge continental margin

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
INDIA	12 nm	200 nm	was 6 nm; superseded by EEZ legis.	200nm or edge continental margin
INDONESIA	12 nm	200 nm	not declared	exploitation
IRAN	12 nm	not declared	50 nm in Gulf of Oman; equal to continental shelf limits in Persian Gulf	declared; limits set by boundary agreements (see below)
IRAQ	12 nm	not declared	not declared	no precise definition
IRELAND	12 nm	not declared	200 nm	no precise definition, but certain areas designated
ISRAEL	12 nm	not declared	no specific limits	exploitation
ITALY	12 nm	not declared	not declared	200 m or to depth of exploitation
JAMAICA	12 nm	200 nm	not declared	no precise limits; as party to 1958 Convention on Continental Shelf, may claim 200 m or to depth of exploitation
JAPAN	12 nm; 3 nm in Soya, Tsugaru, Osumi, Tsushima straits	not declared	200 nm	not declared; but joint development zone established with S. Korea
JORDAN	3 nm	not declared	not declared	not declared
KENYA	12 nm	200 nm	not declared	200 m or to depth of exploitation
KIRIBATI, REP. OF	12 nm	200 nm	was 200 nm; superseded by EEZ legis.	not declared
KOREA, DEM. PEOPLE'S REP. OF (N. KOREA)	12 nm; and 50 nm military zone	200 nm	not declared	not declared
KOREA, REPUBLIC OF (S. KOREA)	12 nm (except in Korea Strait where TS set at 3 nm)	not declared	12 nm	limits specified through boundary agreement with Japan
KUWAIT	12 nm	not declared	not declared	proclaimed; no precise limits
LEBANON	12 nm	not declared	8 nm	not declared
LIBERIA	200 nm	not declared	not declared	200 m or to depth of exploitation
LIBYA	12 nm plus Gulf of Sidra as internal waters	not declared	not declared	limits to be set by boundary agreements with Tunisia and Malta (see below)
MADAGASCAR	12 nm; was 50 nm (1973 ordinance)	200 nm; was 150 nm (1973)	not declared	200 nm or 100 nm from 2500m isobath; was 150 nm (1973)

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
MALAYSIA	12 nm	200 nm	200 nm	200 m or to depth of exploitation
MALDIVES	12 nm but geographic coordinates define irregular polygon approximately 3-55 nm	37-310 nm approximately (defined by geographic coordinates)	was 100 nm approximately (geographic coordinates); superseded by EEZ legis.	not declared
MALTA	12 nm	not declared	25 nm	200 m or to depth of exploitation
MARSHALL ISLANDS, REPUBLIC OF	12 nm	200 nm	200 nm	not declared
MAURITANIA	12 nm	200 nm	was 12 nm; superseded by EEZ legis.	200nm or edge continental margin
MAURITIUS	12 nm	200 nm	not declared	200nm or edge continental margin
MEXICO	12 nm	200 nm	was 12 nm; superseded by EEZ legis.	200nm or edge continental margin
MICRONESIA, FEDERATED STATES OF	12 nm	200 nm	was 12 nm; superseded by EEZ legislation	not declared
MONACO	12 nm	not declared	was 12 nm; subsumed by TS ordinance	not declared
MOROCCO	12 nm	200 nm	was 70 nm (6 nm in Strait of Gibraltar); amended by EEZ legis.	200 m or to depth of exploitation
MOZAMBIQUE	12 nm	200 nm	not declared	not declared
MYANMAR (BURMA)	12 nm	200 nm	not declared	200nm or edge continental margin
NAMIBIA	12 nm	200 nm	was 12 nm; superseded by EEZ	as defined in the Convention, i.e., 200 nm or to edge of continental margin
NAURU	12 nm	not declared	200 nm	not declared
NETHERLANDS	12 nm	not declared	200 nm	200 m or to depth of exploitation
NEW ZEALAND	12 nm	200 nm, including dependency of Tokelau (see individual listings for NIUE and COOK ISLANDS)	was 12 nm; amended by EEZ legis.	200nm or edge continental margin
NICARAGUA	200 nm	not declared	was 200 nm; subsumed by TS legis.	200 m
NIGERIA	30 nm	200 nm	was 12 nm; amended by EEZ legis.	200 m or to depth of exploitation
NIUE	12 nm	200 nm	repealed by EEZ legislation	not declared

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
NORWAY	4 nm	200 nm	was 12 nm; amended by EEZ legis.	200 nm plus natural prolongation
OMAN	12 nm	200 nm	was 200 nm; superseded by EEZ decree	200 m or to depth of exploitation
PAKISTAN	12 nm	200 nm	was 50 nm; amended by EEZ legis.	200nm or edge continental margin
PALAU	3 nm	not legislated	200 nm	not legislated
PANAMA	200 nm	not declared	not declared	decreed; limits not specified
PAPUA NEW GUINEA	12 nm	200 nm	was 200 nm; subsumed as part of EEZ proclamation	200 m or to depth of exploitation
PERU	200 nm	not declared	not declared	200 nm
PHILIPPINES	variable up to 285 nm	200 nm	not declared	exploitation
POLAND	12 nm	beyond and adjacent to territorial sea; boundaries defined by intl. treaties (see "Maritime Boundaries" and "Comments")	was 12 nm; TS legis. defines limit by lines connecting extreme points of specified lateral limits	200 m or to depth of exploitation; some limits set by boundary agreements with former GDR and USSR
PORTUGAL	12 nm	200 nm	was 12 nm; amended by EEZ legis.	200 m or to depth of exploitation
QATAR	3 nm	not declared	up to median line with neighboring states or international agreement	limits set by boundary agreements with Abu Dhabi [U.A.E.] and Iran
ROMANIA	12 nm	200 nm	not declared	200 m or to depth of exploitation
SAINT KITTS AND NEVIS	12 nm	200 nm	not declared	200nm or edge continental margin
SAINT LUCIA	12 nm	200 nm	was 12 nm; subsumed by EEZ legis.	200nm or edge continental margin
SAINT VINCENT AND THE GRENADINES	12 nm	200 nm	was 12 nm; subsumed by EEZ legis.	200 nm
SAO TOME AND PRINCIPE	12 nm	200 nm	not declared	not declared
SAUDI ARABIA	12 nm	not declared	not specific	decreed ownership of minerals in Red Sea; some limits by agreements
SENEGAL	12 nm (was 150 nm under 1976 Law)	200 nm	was 200 nm; subsumed by EEZ legis.	200nm or edge continental margin
SEYCHELLES	12 nm	200 nm	was 12 nm; subsumed by EEZ legis.	200nm or edge continental margin

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
SIERRA LEONE	200 nm	not declared	was 12 nm; superseded by TS legis.	200 m or to depth of exploitation
SINGAPORE	3 nm	not declared	beyond TS as defined in treaties and practice	not declared
SOLOMON ISLANDS	12 nm	200 nm	was 200 nm; subsumed by EEZ legis.	200 nm
SOMALIA	200 nm	not declared	not declared	not declared
SOUTH AFRICA	12 nm (also applies to Walvis Bay and islands claimed off coast of Namibia)	not declared	200 nm	200 m or to depth of exploitation
SPAIN	12 nm	200 nm	was 12 nm; amended by EEZ legis.	200 m or to depth of exploitation; some limits set by boundary agreements with France, Portugal, and Italy
SRI LANKA	12 nm	200 nm	was 106 nm; superseded by EEZ legis.	200nm or edge continental margin
SUDAN	12 nm	not declared	not declared	200 m or to depth of exploitation
SURINAME	12 nm	200 nm	not declared	not declared
SWEDEN	12 nm	not declared	200 nm or to equidistance line with neighboring states	200 m or to depth of exploitation
SYRIA	35 nm	not declared	not declared	200 m or to depth of exploitation
TAIWAN	12 nm	200 nm	unknown	unknown
TANZANIA	12 nm; was 50 nm (1973)	200 nm	not declared	not declared
THAILAND	12 nm	200 nm	not declared	200 m or to depth of exploitation; some limits set by boundary agreements with Indonesia, Malaysia, India
TOGO	30 nm	200 nm	not declared	not declared
TONGA	12 nm	200 nm	was 12 nm; repealed by EEZ legis.	declared with no specific limits; but as party to Geneva Convention on Continental Shelf, assume claim of 200 m or to depth of exploitation
TRINIDAD AND TOBAGO	12 nm	200 nm	not declared	200 m or to depth of exploitation
TUNISIA	12 nm	not declared	was 12 nm; subsumed by TS legis.	bilateral agreements

Table 9: CLAIMS TO MARITIME ZONES

Coastal State	Territorial Sea	Exclusive Economic Zone	Fisheries Zone	Continental Shelf
TURKEY	6-12 nm (12 nm in Black and Mediterranean Seas)	not declared	12 nm	bilateral agreement with Soviet Union
TUVALU	12 nm	200 nm	was 200 nm; replaced by EEZ legis.	not declared
UNION OF SOVIET SOCIALIST REPUBLICS (until 1991)	12 nm	200 nm	was 200 nm; repealed by EEZ claim	200 m or to depth of exploitation
UNITED ARAB EMIRATES	3-12 nm	to agreed boundaries/median line	not declared	200 m or to depth of exploitation
UNITED KINGDOM	12 nm, except median line in vicinity of Isle of Man and limit in Straits of Dover as set by agreement with France (1988)	not declared	200 nm, including dependencies of Anguilla, Ascension, Bermuda, Br. Indian Ocean Territory, Br. Virgin Isls., Cayman Isls., Falklands (disputed with Argentina), Montserrat, Pitcairn, St. Helena, Tristan da Cunha, Turks and Caicos	200 m or to depth of exploitation; defined by geographic coordinates
UNITED STATES	12 nm	200 nm (also same territories as fisheries claim)	200 nm, including Am. Samoa, Guam, Puerto Rico, US Virgin Is., Trust Territory of Pacific Islands, and other territories	proclaimed; not specific (White House press release described 100-fathom depth as outer limit)
URUGUAY	200 nm (overflight and high seas navigation freedoms permitted beyond 12 nm)	not declared	200 nm (as part of TS legis.)	200 m or to depth of exploitation
VANUATU	12 nm	200 nm	was 200 nm; see EEZ legis.	200nm or edge continental margin
VENEZUELA	12 nm	200 nm	not declared	200 m or to depth of exploitation
VIETNAM	12 nm	200 nm	not declared	200nm or edge continental margin
WESTERN SAMOA	12 nm	200 nm	was 12 nm; amended by EEZ legis.	not declared
YEMEN ARAB REPUBLIC (N. YEMEN)	12 nm	not declared	was 12 nm; see TS claim	200 m or to depth of exploitation
YEMEN, PEO. DEM. REP. OF (S. YEMEN)	12 nm	200 nm	not declared	200nm or edge continental margin
YUGOSLAVIA	12 nm	not declared	was 12 nm; superseded by TS claim	to lines established by international treaties [with Italy]
ZAIRE	12 nm	200 nm	200 nm	not declared

Extended Maritime Claims and Jurisdiction for Marine Scientific Research 1947-1992

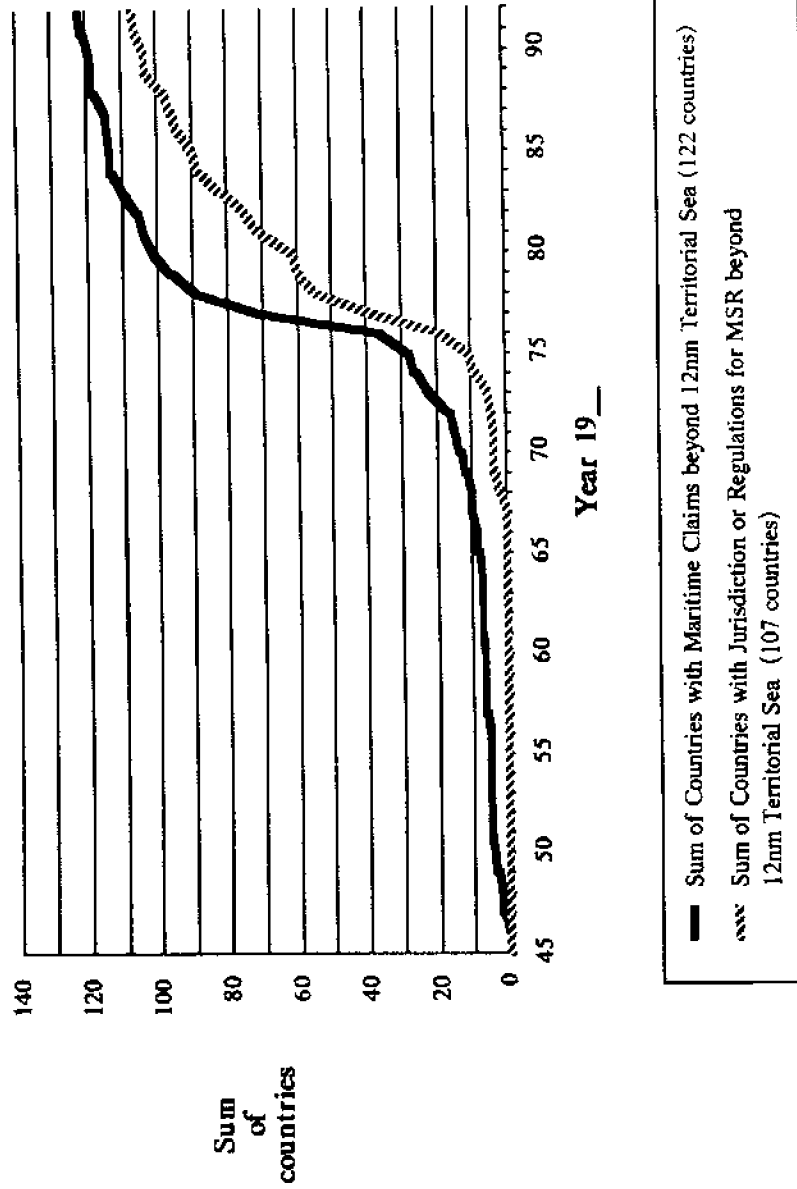


Figure 1: Chart showing sum of countries with extended maritime claims and jurisdiction for marine scientific research 1947-92

Annex I

DRAFT STANDARD FORM A*

APPLICATION FOR CONSENT TO CONDUCT MARINE SCIENTIFIC RESEARCH
IN AREAS UNDER NATIONAL JURISDICTION OF
(name of coastal State)

Date: _____

1. General information

1.1 Cruise name and/or number: _____

1.2 Sponsoring institution:

Name: _____

Address: _____

Name of director: _____

1.3 Scientist in charge of the project:

Name: _____

Address: _____

Telephone: _____

Telex: _____ Telefax: _____

1.4 Scientist(s) from involved in the planning of the project
(name of coastal State)

Name(s): _____

Address: _____

1.5 Submitting officer:

Name and address: _____

Country: _____

Telephone: _____

Telex: _____ Telefax: _____

* This form is intended for research projects undertaken by States or institutions. International organizations undertaking or sponsoring research projects under article 247 of the United Nations Convention on the Law of the Sea are not required to submit an application for consent, but it is advisable that they use a similar form for the purpose of notification of the project to the coastal State concerned. This form is to be used for all research undertaken in the exclusive economic zone or on the continental shelf, for research undertaken in internal waters, the territorial sea or archipelagic waters, additional information may be required by the coastal State concerned.

Figure 3: A suggested application to conduct marine scientific research to be submitted by a State for the researching institution; from, *The Law of the Sea: Marine Scientific Research--A Guide to the Implementation of the Relevant Provisions of the United Nations Convention on the Law of the Sea*. New York: United Nations. 1991. pp. 21-24.

2. *Description of project (Attach additional pages as necessary)*

- 2.1 Nature and objectives of the project: _____

- 2.2 Relevant previous or future research cruises: _____

- 2.3 Previously published research data relating to the project: _____

3. *Methods and means to be used*

- 3.1 Particulars of vessel
 Name: _____
 Nationality: _____
 Owner: _____ Operator: _____
 Overall length: _____
 Maximum draught: _____
 Net tonnage: _____ Gross tonnage: _____
 Propulsion: _____
 Cruising speed: _____ Maximum speed: _____
 Call sign: _____
 Method and capability of communication (including telex, frequencies): _____

 Name of master: _____
 Number of crew: _____
 Number of scientists on board: _____
- 3.2 Aircraft or other craft to be used in the project: _____
- 3.3 Particulars of methods and scientific instruments

<i>Types of samples and data</i>	<i>Methods to be used</i>	<i>Instruments to be used</i>

- 3.4 Indicate whether harmful substances will be used: _____

- 3.5 Indicate whether drilling will be carried out: _____
- 3.6 Indicate whether explosives will be used: _____

4. *Installations and equipment*

Details of installations and equipment (dates of laying, servicing, recovery; exact locations and depth): _____

5. *Geographical areas*

- 5.1 Indicate geographical areas in which the project is to be conducted (with reference in latitude and longitude): _____

- 5.2 Attach chart(s) at an appropriate scale showing the geographical areas of the intended work and, as far as practicable, the positions of intended stations, the tracks of survey lines, and the locations of installations and equipment.

6. *Dates*

- 6.1 Expected dates of first entry into and final departure from the research area of the research vessel: _____

- 6.2 Indicate if multiple entry is expected: _____

7. *Port calls*

- 7.1 Dates and names of intended ports of call in :
(name of coastal State)

- 7.2 Any special logistical requirements at ports of call: _____

- 7.3 Name/Address/Telephone of shipping agent (if available): _____

8. *Participation*

- 8.1 Extent to which will be enabled to
(name of coastal State)
participate or to be represented in the research project: _____

- 8.2 Proposed dates and ports for embarkation/disembarkation: _____

9. *Access to data, samples and research results*

- 9.1 Expected dates of submission to of preliminary reports
(name of coastal State)
which should include the expected dates of submission of the final results: _____

- 9.2 Proposed means for access by to data and samples:
(name of coastal State)

- 9.3 Proposed means to provide with assessment of
(name of coastal State)
data, samples and research results or provide assistance in their assessment or interpretation:

- 9.4 Proposed means of making research results internationally available: _____

Annex II
DRAFT STANDARD FORM B

CONSENT TO CONDUCT MARINE SCIENTIFIC RESEARCH IN AREAS
UNDER NATIONAL JURISDICTION OF
(name of coastal State)

Cruise name and number:

1. Consent is hereby granted for the marine scientific research to be conducted by _____

(name and address of institution)
with the research vessel _____
during the period of _____
in the _____
(area(s) under national jurisdiction)
2. The research shall be conducted in accordance with the information submitted by _____

on _____
with supplementary information submitted on _____
3. Any proposed changes in the research programme shall be notified as soon as possible to _____

(name and address of MSR office)
4. Evidence of this consent shall be kept on board the research vessel.
Date: _____
Place: _____

(Signature)

Figure 4: A suggested consent form to be used by the coastal State for giving consent; from, *The Law of the Sea: Marine Scientific Research--A Guide to the Implementation of the Relevant Provisions of the United Nations Convention on the Law of the Sea*. New York: United Nations. 1991. pp. 21-24.

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