

UNITED STATES
DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Northeast Region
State, Federal & Constituent Programs Office



COMPLETION REPORT

Grantee: VIRGINIA MARINE RESOURCES COMMISSION

Project No: 3-ACA-023

Grant No: NA66FG0257

Project Title: VIRGINIA ENFORCEMENT OF ASMFC FISHERY
MANAGEMENT PLANS

Period Covered: 07/01/96 - 06/30/97

Prepared by: _____

Approved by: _____

Date: SEPTEMBER 29, 1997

Statutory Funding Authority: Anadromous Fish Conservation Act
(P.L. 89-304)

- ☐ Chesapeake Bay Studies
- ☐ Endangered Species Act
- ☐ Interjurisdictional Fisheries
Act (Title III of P.L. 99-659)
- ☐ Magnuson Act
- ☐ Oyster Disease Research
- ☐ Saltonstall-Kennedy
- ☐ Unallied Industry Projects
- ☐ Unallied Science Projects
- ☒ ACFCMA

FINAL PROGRESS REPORT

Virginia Enforcement of Atlantic State Marine Fisheries Commission Fishery Management Plans.

Purpose of Project: The purpose of this project is to ensure that the Virginia Marine Resources Commission maintains and enhances its finfish enforcement efforts, in particular the enforcement of those regulations promulgated to implement the fishery management plans of the Atlantic States Marine Fisheries Commission (ASMFC).

Approach: Virginia Marine Patrol area supervisors will be briefed on the content, goals, objectives, and need for each existing and new ASMFC fishery management plan. Field forces will receive regular briefs from their supervisors and Fisheries Management Division personnel. Content of the briefings will include regulatory and enforcement compliance requirements of each ASMFC plan. Approximately 7705 hours of enforcement will be directed toward ASMFC related regulations. Enforcement will occur in all enforcement areas. Progress reports to the National Marine Fisheries Service will include a summary of enforcement efforts and summons writing activity.

Active Summary: Virginia Marine Patrol area supervisors and/or their First Sergeants continue to attend monthly Fisheries Division staff meetings wherein fisheries management plans and regulations are discussed. Area supervisors have been briefed on each fishery management plan applicable to Virginia and have participated in the development of enforceable regulations to implement those plans. Since the last progress report, the Virginia Marine Resources Commission has implemented new regulations or amendments to existing regulations to address issues concerning Weakfish, Striped Bass, American Shad, Scup, Summer Flounder and Horseshoe Crabs.

Every Marine Patrol Officer has also received a copy of the Interstate Fisheries Management Program of the Atlantic States Marine Fisheries Commission. The colorful brochure, prepared by ASMFC, provides a description of the planning process and how citizens can provide input to the process. Additionally, the document describes the life history, commercial and recreational fisheries, and management program for each species managed under an ASMFC plan.

During the period January 1, 1997 to June 30, 1997, 8,668 hours were directed toward enforcement of finfish regulations in Virginia. However, zero hours were directed to enforcement of ASMFC Management Plans as provided by this grant during this period because all of the grant funds had been expended in the previous reporting period. For the entire grant year a total of 7,847.25 hours of enforcement occurred.

Total finfish enforcement hours are down approximately five percent when compared to the same period last year. This can be attributable to the cost of living increase of four and one-half percent given to our Marine Patrol Officers in FY97.

Summons writing activity in FY97 by the Virginia Marine Patrol decreased from FY96 totals. Fish violations totaled 315 in FY97, down from 463 in FY96. The FY97 value, however, is the fourth highest in the last seven years. The rate of conviction for these violations increased in FY97 to 90%.

VIRGINIA MARINE PATROL

History of FY Convictions by Type

29-Sep-97

TYPE OF VIOLATION	1991	1992	1993	1994	1995	1996	1997
Buyers			9	17	8	9	8
Casting Garbage/Trash	6	6	7	12	3	2	
Clams	19	21	15	9	19	16	24
Commercial Fishing License			4	8	15	10	7
Conchs		1	10	6		3	4
Crabs	295	253	283	400	426	346	272
Fish	204	250	258	399	541	401	284
Fishing without a license/revoked license			10	9	10	1	1
Habitat/Wetlands	2		1	1	6	1	2
Landing License							2
License Tags	2	4	6	7	6		1
Mandatory Reporting						1	
Misc			1			1	
Non-residents	7	4	2				
NSSP			6	35	16	3	2
Other Agencies	404	316	326	458	419	371	239
Oysters	183	88	40	32	74	20	12
Piers	3	7	1	2	3		
Police Powers		1					
Removal of Obstructions			3	2	3	7	2
Resisting officer	10	10	16	13	9	3	5
Shellfish	14	13	9				
SW Recreational Licenses			131	617	551	504	281
<i>FY TOTALS</i>	1,149	974	1,138	2,027	2,109	1,699	1,146

Note: 1997 totals are fiscal year to date.

VIRGINIA MARINE PATROL

History of FY Arrests by Type

29-Sep-97

TYPE OF VIOLATION	1991	1992	1993	1994	1995	1996	1997
Buyers			9	17	10	13	10
Casting Garbage/Trash	11	7	9	15	4	2	
Clams	21	23	20	11	21	20	26
Commercial Fishing License			9	9	16	13	9
Conchs		1	11	6		3	6
Crabs	316	269	296	420	511	408	317
Fish	257	285	313	451	623	463	315
Fishing without a license/revoked license			12	11	11	1	2
Habitat/Wetlands	2		2	1	6	1	3
Landing License							2
License Tags	2	5	8	9	6		1
Mandatory Reporting						2	
Misc			1			1	
Non-residents	10	4	2		1	1	1
NSSP		1	6	45	18	5	5
Other Agencies	452	352	357	489	472	430	260
Oysters	198	96	57	35	96	26	17
Piers	3	10	1	5	3		
Police Powers		1					
Removal of Obstructions			7	7	3	9	5
Resisting officer	14	23	22	15	14	7	6
Shellfish	19	21	17				
SW Recreational Licenses			142	669	588	522	295
<i>FY TOTALS</i>	1,305	1,098	1,301	2,215	2,403	1,927	1,280

Note: 1997 totals are fiscal year to date.

Page 1 of 1

Budget Actual Comparison Report					
	Title:	Virginia Enforcement of ASMFC Fishery Management Plans			
	Grant number	NA66FG0257			
	Start date	07/01/96			
	End date	06/30/97			
	Extension				
	Cost Code	084			
	FINAL				
			Actual Expense	Grant Budget	Difference
	Total		147,850.00	147,850.00	0.00
	Salaries		102,636.60	102,708.00	71.40
	Fringes				
	VSRS		10,203.78	10,185.00	(18.78)
	SS Classified		8,266.62	7,855.00	(411.62)
	Group life insurance		0.00	359.00	359.00
	Medical Insurance		11,126.00	11,126.00	0.00
	Total Direct Cost		132,233.00	132,233.00	0.00
	Indirect Cost		15,617.00	15,617.00	0.00

YEAR: FY 97

No. of FTE:	
FTE @ 7/30/96	61
FTE @ 6/30/97	63
Avg	62

AREA: All Areas

FY 97

ACTIVITY CODE (P, S, or A)	TYPE OF ACTIVITY (Description)	Jul to Sep	Oct to Dec	Jan to Mar	Apr to Jun	Total	% of Time
P	Clams	1,100	554	694	868	3,215	4.0%
P	Crabs	2,316	1,590	1,101	2,294	7,300	9.0%
P	Fish	4,177	4,697	4,141	4,525	17,539	21.6%
P	Oysters	141	1,900	1,121	162	3,324	4.1%
P	Conchs	4	28	0	39	71	0.1%
P	NSSP(Nat.Shellfish Sanitation)	2,748	2,704	2,942	2,819	11,212	13.8%
P	SBA-Small Boating Act	704	461	103	490	1,757	2.2%
P	Wetlands	241	174	168	186	768	0.9%
P	SBBT-Seafood Buyer(Boat/Truck)	17	57	68	48	189	0.2%
P	SBBT-Seafood Buyer(Business)	261	291	309	345	1,206	1.5%
P	Special Duty (non-VMRC activity)	1,071	651	546	1,199	3,466	4.3%
P	Special Assignment (VMRC related)	244	414	395	624	1,676	2.1%
P	Other	473	219	92	260	1,043	1.3%
S	SAR (Search & Rescue)	286	114	255	393	1,047	1.3%
S	Repletion	106	59	36	70	270	0.3%
S	Court	580	408	220	292	1,499	1.8%
S	Public Display	7	32	79	75	193	0.2%
S	Public Speaking	4	14	8	13	39	0.0%
S	Liasion Meeting	14	6	14	25	58	0.1%
S	Hazard Material Spill	11	11	3	5	30	0.0%
S	Assist Citizen	59	43	9	27	138	0.2%
S	Assist Other L.E. Officers	136	80	78	131	424	0.5%
S	Serve Legal Paper	45	89	73	82	288	0.4%
S	Instructing	228	43	135	10	415	0.5%
S	Standby/Miscellaneous	42	55	0	4	101	0.1%
S	Reef	9	9	0	0	18	0.0%
S	Potomac River Fisheries Commission	12	0	0	0	12	0.0%
S	Virginia Institue of Marine Science	0	0	0	0	0	0.0%
S	Virginia State Fair	0	0	0	0	0	0.0%
S	EEO Meeting	0	0	0	0	0	0.0%
S	Equipment Maintenance	1,947	1,841	1,546	1,972	7,306	9.0%
A	Paperwork	1,125	1,164	895	841	4,024	4.9%
S	Receive Training	759	715	2,720	1,088	5,281	6.5%
A	Supervisors Meeting	288	499	294	67	1,147	1.4%
S	Boat Theft Investigation	0	0	0	4	4	0.0%
S	Boat Accident Investigation	63	30	52	144	288	0.4%
A	Office Detail	700	956	796	585	3,035	3.7%
A	OWI/DUI Case	3	22	1	14	40	0.0%
S	Complaints	185	101	108	365	759	0.9%
S	Misdemeanor Investigation	51	41	160	55	306	0.4%
S	Felony Investigation	165	287	301	302	1,055	1.3%
A	Operations(pick up supplies/equip)	0	0	6	30	36	0.0%
A	Miscellaneous	275	203	178	131	786	1.0%
	TOTALS	20,589	20,553	19,640	20,577	81,358	

ALL REGIONAL AREAS
FY 1996 - 1997Recap of Hours Worked
By Type of Activity:

Patrol	52,763
Service	19,526
Administrative	9,068
Total Hours	81,358

Recap of Percent of Time
Spent on Each Activity:

Patrol	64.85%
Service	24.0%
Administrative	11.1%
Total	100.0%

No. of FTE:

FTE @ 7/30/96	61
FTE @ 6/30/97	63
AVG	62

YEAR: FY 97

EASTERN SHORE
FY 96

Patrol	10,820
Service	3,597
Administrative	1,479
Total Hours	15,895

Patrol	68.1%
Service	22.6%
Administrative	9.3%
Total	100.0%

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Recap of Hours Worked By Type of Activity:	
Patrol	13,222
Service	6,774
Administrative	3,044
Total Hours	23,040

Recap of Percent of Time Spent on Each Activity:	
Patrol	57.4%
Service	29.4%
Administrative	13.2%
Total	100.0%

AREA: Northern Area YEAR: FY 97

ACTIVITY CODE (P, S, or A)	TYPE OF ACTIVITY (Description)	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL HOURS	% OF TIME
P	Clams	1	2	9	2	5	32	5	10	11	4	2	3	86	0.5%
P	Crabs	383	388	148	132	78	170	358	61	49	173	271	352	2,563	13.5%
P	Fish	296	237	339	329	409	284	318	412	368	376	314	330	4,009	21.1%
P	Oysters	0	1	11	153	174	212	168	170	121	21	0	11	1,041	5.5%
P	Conchs	0	0	0	0	0	2	0	0	0	0	0	0	2	0.0%
P	NSSP(Nat.Shellfish Sanitation)	181	93	100	129	98	103	136	135	153	148	127	112	1,514	8.0%
P	SBA-Small Boating Act	100	43	14	50	28	18	7	9	11	20	26	73	398	2.1%
P	Wetlands	70	29	57	34	31	28	40	31	32	35	25	27	439	2.3%
P	SBBT-Seafood Buyer(Boat/Truck)	0	0	3	1	4	6	10	9	4	5	4	6	52	0.3%
P	SBBT-Seafood Buyer(Business)	53	62	37	35	14	54	25	51	38	47	59	41	514	2.7%
P	Special Duty (non-VMRC activity)	23	21	55	0	0	26	7	14	0	1	63	163	373	2.0%
P	Special Assignment (VMRC related)	41	55	0	91	54	80	16	17	11	22	54	51	492	2.6%
P	Other	0	14	15	13	8	2	0	0	3	0	12	39	106	0.6%
S	SAR (Search & Rescue)	13	3	8	13	17	2	0	19	29	17	11	35	166	0.9%
S	Repletion	24	35	27	15	5	22	3	4	2	0	12	52	201	1.1%
S	Court	54	21	69	22	20	8	12	27	4	9	15	46	305	1.6%
S	Public Display	0	0	0	0	0	0	0	0	0	0	0	3	3	0.0%
S	Public Speaking	2	0	0	0	0	3	3	3	0	0	0	0	11	0.1%
S	Liasion Meeting	0	0	0	0	0	0	0	0	9	0	4	0	13	0.1%
S	Hazard Material Spill	2	0	0	5	6	0	0	0	0	1	0	1	15	0.1%
S	Assist Citizen	0	2	7	1	1	2	1	1	1	0	0	2	18	0.1%
S	Assist Other L.E. Officers	11	0	1	5	2	8	3	4	35	32	3	12	116	0.6%
S	Serve Legal Paper	6	0	6	0	0	8	5	1	2	2	0	2	32	0.2%
S	Instructing	0	0	16	0	12	0	4	0	11	0	0	0	43	0.2%
S	Standby/Miscellaneous	0	0	9	0	0	16	0	0	0	0	0	0	25	0.1%
S	Reef	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Potomac River Fisheries Commission	0	0	12	0	0	0	0	0	0	0	0	0	12	0.1%
S	Virginia Institue of Marine Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Virginia State Fair	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	EEO Meeting	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Equipment Maintenance	160	120	191	191	182	182	144	155	189	205	167	154	2,037	10.7%
A	Paperwork	57	54	47	63	61	77	58	65	67	57	47	64	716	3.8%
S	Receive Training	161	0	5	29	119	3	162	112	513	0	29	0	1,133	6.0%
A	Supervisors Meeting	26	30	54	28	33	29	5	47	53	17	0	15	336	1.8%
S	Boat Theft Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Boat Accident Investigation	0	19	8	4	0	0	0	0	15	0	19	0	65	0.3%
A	Office Detail	87	90	78	84	97	181	179	174	197	95	118	119	1,496	7.9%
A	OWI/DUI Case	0	2	0	0	0	0	0	0	0	0	0	0	2	0.0%
S	Complaints	26	14	11	5	41	3	7	5	65	174	19	46	414	2.2%
S	Misdemeanor Investigation	1	13	4	5	5	0	0	0	1	1	2	2	34	0.2%
S	Felony Investigation	0	0	0	0	0	0	0	0	0	0	0	2	2	0.0%
A	Operations(pick up supplies/equip)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
A	Miscellaneous	45	4	12	0	38	7	15	28	33	7	0	0	188	1.0%
	TOTALS	1,820	1,350	1,352	1,436	1,540	1,565	1,691	1,563	2,025	1,467	1,401	1,760	18,967	100.0%

NORTHERN AREA
FY 96Recap of Hours Worked
By Type of Activity:

Patrol	11,586
Service	4,643
Administrative	2,738
Total Hours	18,967

Recap of Percent
of Time Spent on
Each Activity:

Patrol	61.1%
Service	24.5%
Administrative	14.4%
Total	100.0%

AREA: Southern Area YEAR: FY 97

ACTIVITY CODE (P, S, or A)	TYPE OF ACTIVITY (Description)	JUL	AUG	SEP	OCT	NOV	DEC Estimate	JAN	FEB	MAR	APR	MAY	JUN	TOTAL HOURS	% OF TIME
P	Clams	202	228	268	171	40	35	12	56	71	124	197	225	1,627	6.9%
P	Crabs	111	138	157	64	32	244	51	23	29	112	113	107	1,178	5.0%
P	Fish	541	527	783	659	573	408	751	410	467	564	372	583	6,636	28.3%
P	Oysters	3	8	39	170	179	230	132	170	132	72	22	16	1,170	5.0%
P	Conchs	0	1	0	0	1	0	0	0	0	0	0	0	2	0.0%
P	NSSP(Nat.Shellfish Sanitation)	380	301	381	244	200	329	232	258	262	422	245	332	3,583	15.3%
P	SBA-Small Boating Act	77	81	101	43	68	49	9	6	18	25	51	59	585	2.5%
P	Wetlands	10	4	36	6	3	8	8	12	13	13	9	27	145	0.6%
P	SBBT-Seafood Buyer(Boat/Truck)	0	1	6	6	13	0	3	12	7	2	10	8	68	0.3%
P	SBBT-Seafood Buyer(Business)	12	9	16	36	25	16	16	32	32	27	32	30	282	1.2%
P	Special Duty (non-VMRC activity)	10	49	63	0	36	54	4	27	144	107	89	101	682	2.9%
P	Special Assignment (VMRC related)	1	47	43	14	104	0	77	51	40	44	38	260	717	3.1%
P	Other	0	151	145	15	64	12	0	0	0	0	14	64	464	2.0%
S	SAR (Search & Rescue)	11	35	26	24	9	9	7	68	25	17	168	60	455	1.9%
S	Repletion	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Court	73	48	96	78	68	45	35	36	35	35	30	62	637	2.7%
S	Public Display	0	0	0	0	0	0	0	0	14	12	0	0	26	0.1%
S	Public Speaking	0	0	2	0	3	4	0	2	0	4	2	0	17	0.1%
S	Liasion Meeting	0	0	0	0	0	0	0	1	2	0	7	7	17	0.1%
S	Hazard Material Spill	0	1	8	0	0	0	0	0	0	0	0	1	10	0.0%
S	Assist Citizen	4	7	1	2	3	2	2	0	1	7	1	0	29	0.1%
S	Assist Other L.E. Officers	28	3	10	2	9	14	4	1	7	3	9	13	100	0.4%
S	Serve Legal Paper	5	0	0	18	0	3	1	8	6	3	11	14	69	0.3%
S	Instructing	156	0	0	0	0	0	0	14	14	0	0	0	184	0.8%
S	Standby/Miscellaneous	0	0	0	0	0	8	0	0	0	2	2	0	12	0.0%
S	Reef	0	9	0	0	0	9	0	0	0	0	0	0	18	0.1%
S	Potomac River Fisheries Commission	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Virginia Institue of Marine Science	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Virginia State Fair	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	EEO Meeting	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Equipment Maintenance	112	119	147	109	110	97	0	132	110	117	0	146	1,197	5.1%
A	Paperwork	90	89	123	91	95	112	0	89	103	90	0	122	1,001	4.3%
S	Receive Training	230	0	16	35	140	43	101	40	699	0	0	0	1,302	5.5%
A	Supervisors Meeting	0	31	1	29	1	28	3	50	10	23	0	0	175	0.7%
S	Boat Theft Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
S	Boat Accident Investigation	0	13	0	3	8	11	1	0	0	0	0	92	128	0.5%
A	Office Detail	109	49	32	60	0	93	0	0	2	0	0	17	362	1.5%
A	OWI/DUI Case	0	0	0	0	0	14	1	0	0	0	0	8	23	0.1%
S	Complaints	13	20	21	1	6	5	0	3	5	9	0	20	102	0.4%
S	Misdemeanor Investigation	4	2	1	0	10	0	1	24	116	0	0	29	186	0.8%
S	Felony Investigation	0	0	0	0	0	0	0	0	0	28	0	0	28	0.1%
A	Operations(pick up supplies/equip)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
A	Miscellaneous	0	4	0	52	3	25	0	51	0	60	52	0	247	1.1%
	TOTALS	2,178	1,972	2,518	1,929	1,798	1,900	1,448	1,572	2,358	1,917	1,469	2,399	23,456	100.0%

SOUTHERN AREA
FY 96Recap of Hours Worked
By Type of Activity:

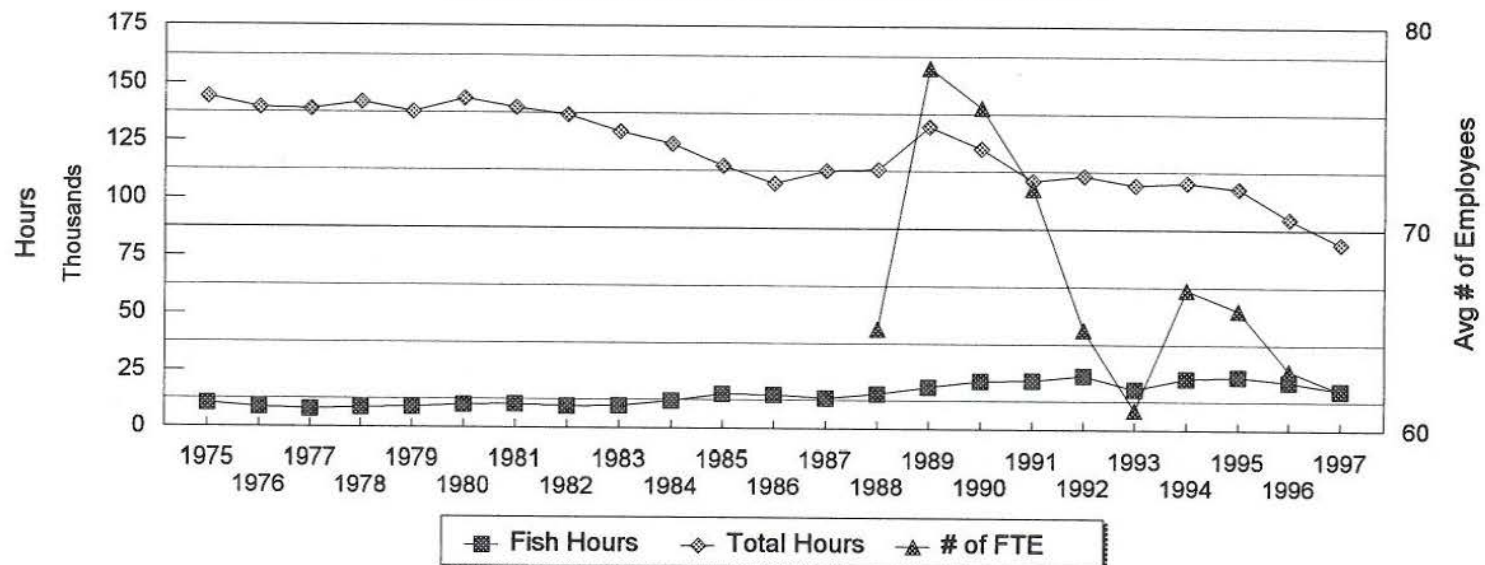
Patrol	17,136
Service	4,513
Administrative	1,808
Total Hours	23,456

Recap of Percent
of Time Spent on

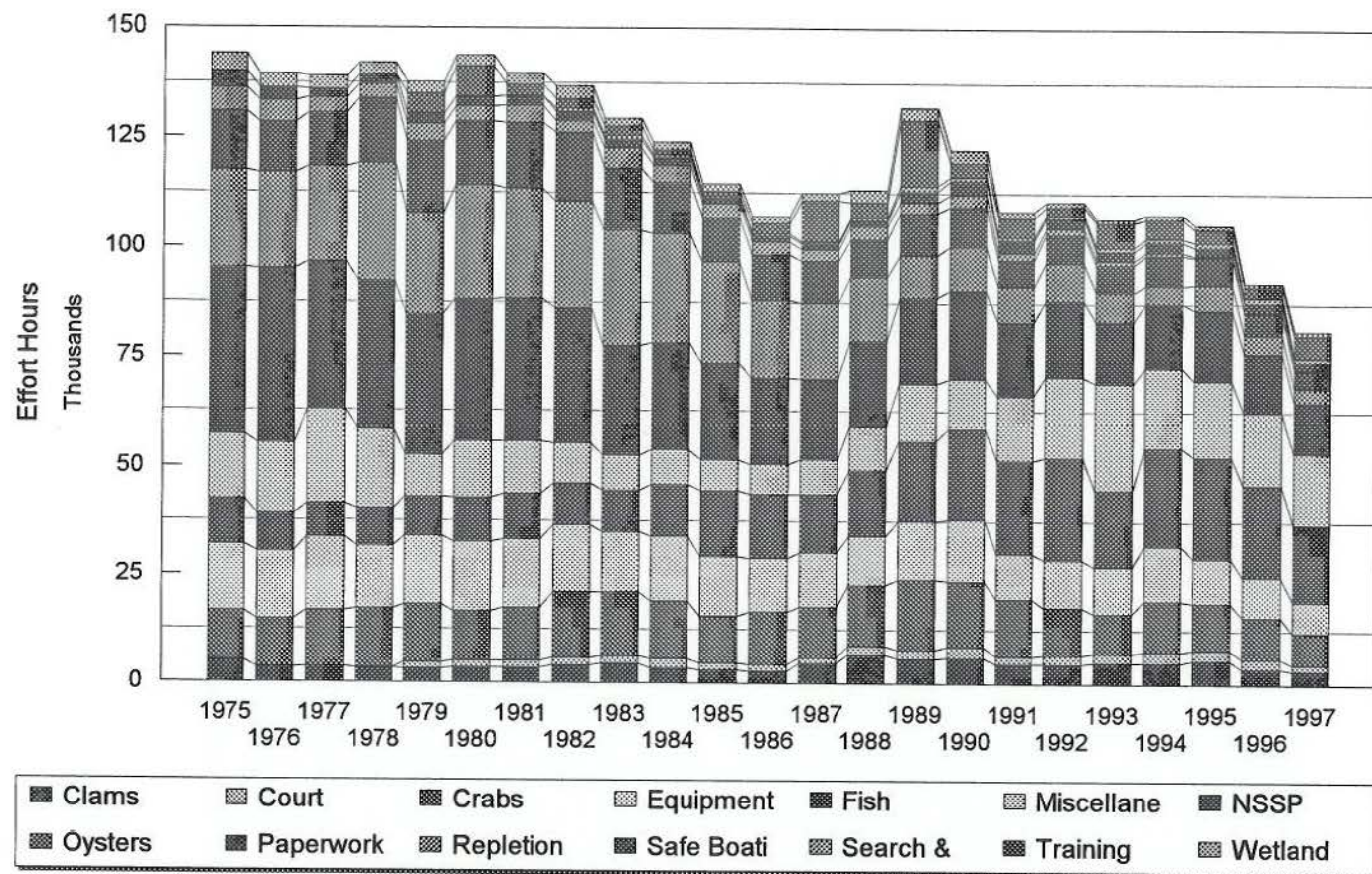
Each Activity:

Patrol	73.1%
Service	19.2%
Administrative	7.7%
Total	100.0%

Marine Patrol Time and Effort



Marine Patrol Total Efforts



ical Years 1975 - 1997

	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	3,352	3,183	3,578	3,540	4,025	4,467	3,574	3,026	2,768	4,632	6,667	5,865	6,028	4,593	4,696	5,003	5,004	5,510	3,675	3,215
	0	1,545	1,591	1,636	1,820	1,842	2,174	1,686	1,573	1,309	2,005	2,049	2,487	1,770	2,027	2,134	2,555	2,539	2,289	1,499
	13,764	13,439	11,444	12,218	15,223	14,660	13,278	10,838	12,212	11,743	14,056	16,213	15,323	13,306	10,932	9,248	11,724	10,795	9,690	7,300
	14,415	15,719	16,076	15,816	15,487	13,935	14,841	13,677	12,301	12,662	11,307	13,435	14,048	10,516	11,036	10,847	12,718	10,306	9,317	7,306
	8,691	9,060	10,203	10,570	9,600	9,729	11,998	15,316	14,960	13,412	15,340	18,606	21,271	21,589	23,764	17,856	22,756	23,522	21,259	17,539
	18,335	9,878	13,008	12,223	9,370	8,106	8,170	7,149	6,840	8,057	10,091	12,748	10,860	14,401	18,078	24,226	17,918	17,202	16,351	16,823
	33,623	31,933	32,292	32,310	30,584	24,839	24,344	22,092	19,435	18,212	19,517	19,920	20,348	17,110	17,654	14,372	14,893	16,308	13,812	11,212
	26,865	22,988	25,944	25,100	24,435	26,301	24,697	23,010	17,975	17,375	14,403	9,450	9,944	8,102	8,613	6,630	4,124	5,603	4,140	3,324
	14,760	16,406	14,514	14,942	15,641	14,133	11,796	10,122	10,260	9,579	8,656	9,679	9,106	5,887	6,495	6,171	6,741	6,196	4,892	4,024
	3,109	3,878	3,387	3,764	2,619	4,677	3,889	3,107	3,082	2,632	2,943	2,516	2,792	1,214	1,214	1,004	768	356	372	270
	2,292	2,249	2,188	2,300	2,173	1,810	1,682	1,199	1,214	1,308	1,373	2,511	3,201	2,358	2,358	2,134	2,236	2,075	2,015	1,757
	0	0	0	0	678	874	542	430	569	437	576	1,224	906	685	760	979	964	1,033	1,228	1,047
	0	4,678	7,002	2,546	2,061	2,161	1,207	1,179	2,333	9,429	3,476	14,929	3,132	4,320	1,987	5,544	4,311	2,925	2,512	5,281
	2,660	2,611	2,383	2,599	2,915	1,781	1,816	1,723	1,598	1,708	2,836	2,734	2,939	1,575	1,076	741	967	1,053	640	768
	141,866	137,567	143,610	139,564	136,631	129,315	124,008	114,554	107,120	112,495	113,246	131,879	122,385	108,517	110,690	106,689	107,679	105,423	92,188	81,365
											65	78	76	72	65	61	67	66	63	62