



UNITED STATES DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration
NOAA Marine and Aviation Operations
Marine Operations Center - Pacific
2002 SE Marine Science Drive
Newport, OR 97365

23 August, 2013

MEMORANDUM FOR: Captain Wade J. Blake, NOAA
Commanding Officer, Marine Operations Center - Pacific

FROM: Lieutenant Commander Colin D. Little, NOAA
Deputy Chief of Operations, Marine Operations Center - Pacific

SUBJECT: Amendment 1 to final project instructions, *Bell M. Shimada*
SH-13-05.

Please amend the subject project instructions dated 27 March 2013, as follows:
(Please see included .pdf file)

APPROVED

DISAPPROVED

LET'S DISCUSS





Deputy ChiefOps.MOP - NOAA Service Account <deputyops.mop@noaa.gov>

Fwd: SaKe 2013 -- Addendum to project instructions

Brian Parker - NOAA Federal <brian.parker@noaa.gov> Wed, Aug 21, 2013 at 1:32 PM
To: "Deputy ChiefOps.MOP - NOAA Service Account" <deputyops.mop@noaa.gov>
Cc: XO MOC Pacific - NOAA Service Account <XO.MOC.Pacific@noaa.gov>, Scott Sirois - NOAA Federal <scott.sirois@noaa.gov>

Colin,

Please process this addendum to the SH's current project instructions. I approve this as ship's Acting CO.

FYI: Current plan is for SH to return to Newport on the 2000 high tide on 8/29. CDR Hopkins is aware of the details but this is largely to allow all of the next day for early morning off load (0700-1000) followed by fueling from M2 (1000-end of the day).

Thanks much, Brian

----- Forwarded message -----

From: **David Demer - NOAA Federal** <david.demer@noaa.gov>
Date: Wed, Aug 21, 2013 at 1:17 PM
Subject: SaKe 2013 -- Addendum to project instructions
To: Brian Parker - NOAA Federal <Brian.Parker@noaa.gov>
Cc: Rebecca Thomas <rebecca.thomas@noaa.gov>, Larry Hufnagle <lawrence.c.hufnagle@noaa.gov>, Cisco Werner <cisco.werner@noaa.gov>, Russ Vetter <russ.vetter@noaa.gov>

CO Parker,

Attached is an addendum to the SaKe 2013 Project Instructions. They have been approved by the SW Director, Cisco Werner, acting NW Chief Scientist, Rebecca Thomas, and me.

Respectfully,

David

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David Demer
Leader, Advanced Survey Technologies Group
Southwest Fisheries Science Center

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CDR Brian Parker, NOAA Corps
Chief of Operations
Marine Operations Center, Pacific
2002 SE Marine Science Drive
Newport, OR 97365-5229
541.867.8703
http://www.moc.noaa.gov/mop_about.html

Addendum to Project Instructions for SH-13-05

Date Submitted: Aug 20, 2013
Platform: NOAA Ship *Bell M. Shimada*
Project Number: SH-13-05 (OMAO)
Project Title: 2013 Joint U.S.-Canada Integrated Acoustic and Trawl Survey of Pacific Hake and Pacific Sardine (SaKe 2013)
Project Dates: 6 June 2013 to 30 August 2013

The SaKe 2013 project instructions are hereby modified to allow completion of some transects that the collaborating vessel, CCGS *W.E. Ricker* will be unable to complete. The Joint U.S.-Canada Pacific hake survey operates under the auspices of an international treaty (“Agreement with Canada on Pacific hake/whiting”) and has traditionally been performed by NOAA ships *Miller Freeman* or *Shimada* in conjunction with the CCGS *W.E. Ricker*. This collaboration has necessarily and routinely required some flexibility of each ship’s project instructions when one side or the other has been unable to complete its assigned transects.

During the 2013 survey, *Ricker* will not be able to complete all of the lines assigned to Canada’s portion of the survey. *Shimada* will therefore extend the planned U.S. portion of the survey by approximately three transects (nominally 97, 98, and 99; totaling approximately 280 nautical miles), north of Vancouver Island.

waypoint	latitude		longitude		decimalized	
	degrees	minutes	degrees	minutes	lat	long
97.1	50	55.65	129	47.14	50.9275	129.7857
97.0	50	55.65	128	16.54	50.9275	128.2757
98.0	51	5.65	127	41.94	51.0942	127.6990
98.1	51	5.65	130	6.85	51.0942	130.1142
99.1	51	15.65	130	18.89	51.2608	130.3148
99.0	51	15.65	128	16.13	51.2608	128.2688

Farther north, on August 22, 2013, *Ricker* will commence surveying the remainder of the planned Canadian transects, dropping transects as their time constraints dictate.

Note, the exact transects to be surveyed by *Shimada* may vary, depending on the actions of *Ricker*, and the available time. Completing these additional transects will require no additional equipment or supplies by either the ship or the programs involved. *Shimada* will complete all additional lines within the scheduled days at sea.

Arrival to Newport, OR will be 8/29, one day early. All original project goals will have been met, facilitating the early arrival.

David A. Demer, Ph.D.
Chief Scientist, SaKe 2013 Leg IV