



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL OCEAN SERVICE  
Office of Coast Survey  
Silver Spring, Maryland 20910-3282

25 June 2008

MEMORANDUM FOR: Captain Michele G. Bullock NOAA  
Commanding Officer, Marine Operations Center - Pacific

FROM: Jeffery Ferguson  
Chief, Hydrographic Surveys Division

SUBJECT: Hydrographic Survey Project Instructions,  
OPR-P136-RA-08, North Coast Kodiak Island, AK

Subject Hydrographic Survey Project Instructions are forwarded for concurrence and issue to the Commanding Officer, NOAA Ship RAINIER. Please email concurrence cover memo to the vessel Commanding Officer and the Chief, Operations Branch, Hydrographic Surveys Division (James.M.Crocker@noaa.gov).

Attachment  
cc Commanding Officer, NOAA Ship RAINIER



# Hydrographic Survey Project Instructions, OPR-P136-RA-08, North Coast of Kodiak Island, AK

<i>project number</i> <b>OPR-P136-RA-08</b>	<i>project name</i> <b>North Coast of Kodiak Island, AK</b>
<i>field unit(s) assigned to project</i> <b>NOAA Ship RAINIER</b>	<i>planned acquisition</i> <b>June-July, 2008</b>
<i>expected delivery to Pacific Hydrographic Branch</i> <b>120 days from completion of data acquisition</b>	
<i>Purpose and location</i> This request is from John Matthews at the USCG Facilities Design and Engineering Center. The survey is in front of three piers for comparison to 1999 survey data to allow USCG to assess the extent of silting, if any, the shoal resurvey is also included for navigation safety. This project will cover a survey area of 1.5 nm <sup>2</sup> .	

<i>Hydrography shall consist of Navigable Area Surveys in accordance with the following support documents.</i>
<b>NOS Hydrographic Surveys Specifications and Deliverables Manual (HSSDM), April 2008</b>
<b>NOS Field Procedures Manual for Hydrographic Surveying (FPM), May 2008</b>
<b>Hydrographic Survey Technical Directives</b>

**PERSONNEL SAFETY AND DATA QUALITY SHALL ALWAYS BE EMPHASIZED OVER DATA QUANTITY! THE HYDROGRAPHER SHALL NEVER SUBJECT BOATS OR PERSONNEL TO UNDUE RISKS AND HAZARDS.**

## REGISTRY DETAILS AND SURVEY PRIORITIES

All sheets for this project have the general locality of the Kodiak Island and are in the state of Alaska. See attached sheet layout and project sketch dated 6/16/2008.					
<i>registry number</i>	<i>sheet letter</i>	<i>sublocality</i>	<i>scale</i>	<i>estimated SNM</i>	<i>priority</i>
F00558	A	Women's Bay Approaches and Harbor	1:10,000	1.5	1 <sup>st</sup>

## REQUIRED COVERAGE TYPES

<i>water depth range or area</i>	<i>required coverage type(s)</i>
> 4 meters water depth	<ul style="list-style-type: none"> <li>Complete MB</li> </ul>
For designated AWOIS items	<ul style="list-style-type: none"> <li>Object Detection Coverage</li> </ul>

# Hydrographic Survey Project Instructions, OPR-P136-RA-08, North Coast of Kodiak Island, AK

## TASKS

<i>Acknowledgement</i>	Acknowledge receipt of these instructions and submit any comments or questions via email to: <a href="mailto:Rachel.Soraruf@noaa.gov">Rachel.Soraruf @noaa.gov</a>			
<i>Aids to Navigation (ATONs)</i>	Position ATONs assigned by the Marine Chart Division (MCD). The list of assigned ATONs will be provided with the project data from Operations Branch. Refer to section 3.5.3.3 and 5.2.3.3.5 of the FPM.			
<i>AWOIS Items</i>	<ul style="list-style-type: none"> <li>• 6 items are assigned for full investigation*</li> <li>• 2 items are provided for background information only</li> </ul> *conduct search only within limits of survey			
<i>Bottom Samples</i>	Obtain bottom samples in accordance with section 7.1. of the HSSDM, and section 2.5.3.6.1. of the FPM.			
<i>Chart Comparison</i>	Use the latest editions of NOS nautical raster charts which are included with the project data from Operations Branch for comparison during this project in accordance with section 4.5 of the FPM and section 8.1.3., D.1 of the HSSDM. Resolve any discrepancies in the field and explain them in the Descriptive Report.			
	<i>Chart Number</i>	<i>Edition</i>	<i>Edition Date</i>	<i>Raster (.kap) Date</i>
	16596	12	08/01/2002	6/11/2008
	16595	15	11/01/2004	6/11/2008
<i>Coast Pilot</i>	Review and make recommendations for changes to the Coast Pilot excerpts provided with the project data. Submit the revised Coast Pilot section or a report stating no changes are recommended, via email to <a href="mailto:OCS.NDB@NOAA.GOV">OCS.NDB@NOAA.GOV</a> with a copy to N/CS34. The report should be submitted as soon as possible following field work for the project. Refer to sections 3.5.6 and 5.2.3.2.5. of the FPM for more information.			
<i>Dangers to Navigation (DTONs)</i>	Generate DTON reports in accordance with the HSSDM, section 8.1.2. <b><i>It is of paramount importance that DTONs be reported as soon as possible.</i></b>			
<i>Data directory size report</i>	After data acquisition is complete for each survey, send an e-mail indicating the survey/project number, survey platform, raw MBES and/or VBES directory size, and raw SSS directory size to NGDC at <a href="mailto:hydro.info@noaa.gov">hydro.info@noaa.gov</a> with a copy to the chief of the Pacific Hydrographic Branch.			
<i>Electronic Navigational Chart (ENC)</i>	The following ENC's are provided for general reference purposes.			
	<i>ENC Cell Name</i>	<i>Edition</i>	<i>Update Application Date</i>	<i>Issue Date</i>
	US5AK5DM	3	08/24/2007	05/30/2008

## Hydrographic Survey Project Instructions, OPR-P136-RA-08, North Coast of Kodiak Island, AK

<i>Progress sketches and statistics sheet</i>	Email zipped monthly progress sketch MapInfo table with workspace (without raster charts) and separate Excel statistics spreadsheet directly to <a href="mailto:progress.sketches@noaa.gov">progress.sketches@noaa.gov</a> with a copy to the chief of the Pacific Hydrographic Branch. The submittal is due within 5 days after the end of each month.			
<i>Special data handling requirements</i>	Coordinate with Alaska Navigation Manager Dave Zezula on creation and delivery of preliminary products to USCG.			
<i>Survey outlines</i>	Create a survey outline region in MapInfo, UTM (NAD 83), showing the extent of hydrography as soon as possible after field acquisition is completed on a sheet. Instructions for creating this outline are included with the project data. Email the outline to <a href="mailto:survey.outlines@noaa.gov">survey.outlines@noaa.gov</a>			
<i>Tide requirements</i>	Comply with the requirements from COOPS which are included with the project data from Operations Branch. Submit surveys with final approved water levels applied. Contact the Operations Branch if this causes the survey to miss a submission deadline.			
	Zoning method: Discrete			
	<i>operating water level stations</i>	<i>station ID</i>	<i>leveling required?</i>	<i>installation required?</i>
	Kodiak Island, AK	945-7292	No	No
<i>Topography</i>	No shoreline verification is required. A composite source file has been created using the latest ENC and prior survey information.			

# **Hydrographic Survey Project Instructions, OPR-P136-RA-08, North Coast of Kodiak Island, AK**

## **USER EVALUATION**

The following primary offices and persons **shall be** contacted at or near the beginning and ending of field operations to discuss survey objectives and accomplishment.

### **NOAA Navigation Manager, Mid Atlantic Region (Acting)**

LCDR David Zezula, NOAA

Alaska N/CS52x8

NOAA - Office of Coast Survey

4230 University Drive, #102

Anchorage, AK 99508

Office: 907-786-7004

Cell: 907-242-5199

[david.j.zezula@noaa.gov](mailto:david.j.zezula@noaa.gov)

---

The following secondary contacts are listed **for reference** and are to be contacted at the discretion of the Commanding Officer.

### **Seventeenth U.S. Coast Guard District**

Commander (dpw)

LTJG David Wohlers

P.O. Box 25517

Juneau, AK 99802-5517

E-mail: [dwohlers@cgalaska.uscg.mil](mailto:dwohlers@cgalaska.uscg.mil)

907-463-2265

### **U.S. Army Corps of Engineer Alaska District**

Office of the District Engineer

Attn: Andrew W. Brewer

P.O. Box 6898

Elmendorf Air Force Base, AK 99506-6898

E-mail: [Andrew.W.Brewer@usace.army.mil](mailto:Andrew.W.Brewer@usace.army.mil)

906-753-2504

### **State Historic Preservation Officer (SHPO), AK**

Alaska Department of Natural Resources

Attn: Dave McMahan

550 W. 7th Avenue

Suite 1310

Anchorage, AK 99503-5921

E-mail: [dave.mcmahan@alaska.gov](mailto:dave.mcmahan@alaska.gov)

(907) 269-8723

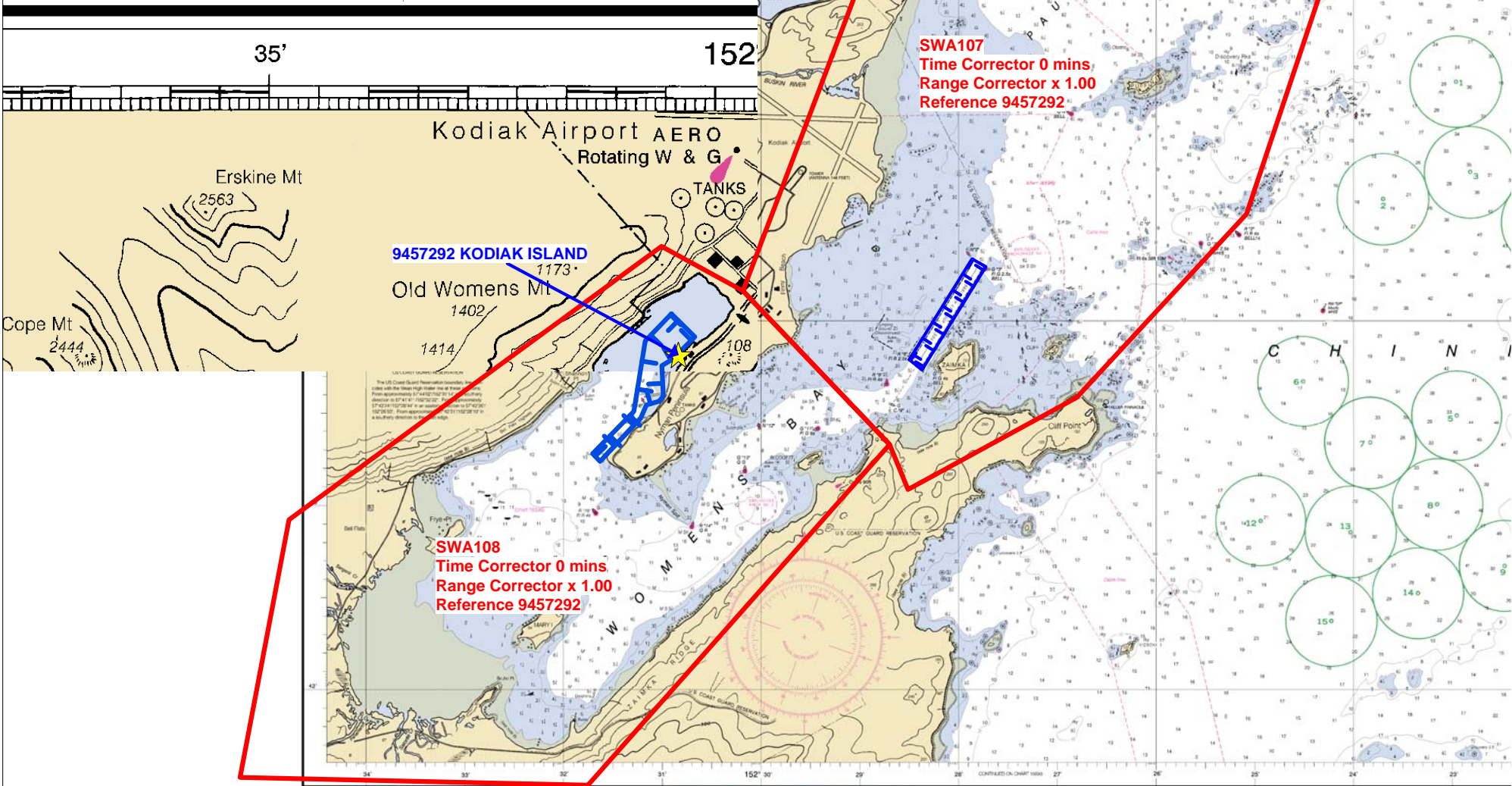




designed to promote safe navigation. The National  
to submit corrections, additions, or comments for  
Marine Chart Division (N/CS2), National Ocean  
Maryland 20910-3282.

**Preliminary Tidal Zoning  
for OPR-P136-RA-2008  
Kodiak, AK**

Formerly C&GS 8



16595

SOUNDINGS IN FATHOMS

Published in Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

**Electronic Navigation Certificate of Authenticity**  
This electronic chart was produced under the authority of the National  
Oceanic and Atmospheric Administration (NOAA). NOAA is the national  
hydrographic office for the United States of America. The digital data  
provided by NOAA from which this electronic chart was produced has  
been certified by NOAA for navigation. "NOAA" and the NOAA emblem  
are registered trademarks of the National Oceanic and Atmospheric Administration.  
"Maptech" and the Maptech emblem are registered trademarks of Maptech, Inc.

**CAUTION**  
 Womens Bay and the area adjacent to the  
 entrance channel was surveyed in 1978.  
 Depths outside this area reflect conditions  
 prior to the earthquake of 1964.

