

NOAA COMMISSIONED OFFICER BILLET DESCRIPTION

SECTION 1 - GENERAL INFORMATION

A. Billet Number	2263	B. Billet Title	Benthic Mapping Specialist		
C. Grade Requested	O2 - LTJG	D. Type of Submission	ANNUAL RECERTIFICATION		
E. Minimum amount of overlap between incumbent officer/reporting officer for continuity of duties	1 Month				
F. Duty Type	FIXED SHORE	G. Estimated Length of Assignment	3 years		

SECTION 2 - DUTY STATION ADDRESS AND CONTACT INFORMATION

A. Street Address	NMFS/AFSC/RACE/HRG	B. Street Address	7600 Sand Point Way NE				
C. City	Seattle	D. State	Washington	E. Country	United States	F. Zip Code	98115
G. Office	+1 (206) 526-4339	x		H. Mobile		I. Fax	+1 (206) 526-6723

SECTION 3 - OFFICER EVALUATION REPORTING

A. Supervisor							
1. Name	Dr. Bob McConnaughey	2. Position	Research Fishery Biologist	3. Grade	ZP IV		
4. Email	bob.mcconnaughey@noaa.gov	5. Office	+1 (206) 526-4150	x		6. Mobile	
B. Reporting Officer (2nd Level Supervisor)							
1. Name	Dr. Bob McConnaughey	2. Position	Research Fishery Biologist	3. Grade	ZP IV		
4. Email	bob.mcconnaughey@noaa.gov	5. Office	+1 (206) 526-4150	x		6. Mobile	
C. Reviewer (Normally the Reporting Officer's Supervisor)							
1. Name	CAPT Todd C. Stiles	2. Position	Executive Officer, NMFS	3. Grade	O6		
4. Email	todd.c.stiles@noaa.gov	5. Office	+1 (301) 427-8060	x		6. Mobile	

SECTION 4 - ACCOUNTING AND ORGANIZATION

Complete as many of the following fields as possible. If in doubt, leave the field blank

A. Organizational Hierarchy - Use common acronyms when possible.					
1. Staff or Line Office		2. Office, Center, or Lab			
3. Division		4. Branch		5. Section or Team	
B. NOAA Goal/Subgoal			C. Program		
D. NOAA Org Code		E. NFC Org Code		F. Project-Task	

SECTION 5 - PROGRAM, PROJECT OR ACTIVITY OVERVIEW

RACE Division Groundfish Assessment Program conducts research directed at understanding the role habitat plays in the health and sustainability of marine resources in Alaska. The Essential Fish Habitat (EFH) provisions of the Magnuson-Stevens Fishery Conservation and Management Act mandate NOAA Fisheries to describe and identify EFH of federally managed species, and to protect these areas from adverse impacts due to fishing and other activities.

SECTION 6 - DUTIES AND RESPONSIBILITIES

- Property Accountability Officer - Administer and maintain a system of control and accountability for personal property as prescribed in OMAO's Personal Property Policy #1502
- Property Custodians - Maintain all accountable personal property within your designated area of responsibility as prescribed in OMAO's Personal Property Policy #1502

6A. Description of Duties and Responsibilities

- (1) Support multiple fisheries projects in a hydrographic role within Alaska Fisheries Science Center (AFSC) Resource Assessment and Conservation Engineering (RACE) Division and outside NOAA as needed.
- (2) Provide hydrographic expertise and technical assistance to NOAA Fisheries projects during implementation of bathymetric systems.
- (3) Deployment to fisheries and hydrographic platforms as needed to support RACE Division.
- (4) Support projects involving acoustic backscatter and its application to modern hydrography and fisheries.
- (5) Ensure that bathymetric data acquired meet NOAA's hydrographic standards.
- (6) Submit relevant hydrographic surveys and data to OCS for charting use.
- (7) Participate and develop skills in deployment/recovery/operation of specialized scientific equipment (e.g. Klein 7180 LRSSS).
- (8) Function as liaison between RACE and OCS and develop awareness of multi-mission advantages.

6B. Division of Duties and Responsibilities, Total Must = 100%

Technical + Operational + Leading and Managing + Executive Leadership = 100%

SECTION 6 - DUTIES AND RESPONSIBILITIES (continued)

6C. Resources Managed

1. Human

Does the Officer supervise personnel? Yes No Number of personnel supervised

Grades of supervised personnel

Will the Officer lead people, but has no supervisory responsibilities? Yes No Number of personnel led

Grades of personnel led

2. Fiscal

Will the Officer have budget responsibility? Dollar Amount (K)

3. Assets - Will the Officer be directly responsible for managing Government assets such as ships, aircraft, boats, etc? If so, list the asset(s) below in terms of physical description and when known, replacement value (indicate if estimated):

Maintaining, operating, and transporting specialized scientific equipment including: Klein 7180 long-range sidescan sonar system (LRSSS; \$1M each), Klein 5410 sidescan sonar system (\$200K), fiber-optic tow winch (\$170K), Sonardyne Fusion wideband USBL system (\$150K), Towed Automatically Compensating Optical System (TACOS; \$120K), Free-Fall Cone Penetrometer (FFCPT; \$120K), Seabed Observation and Sampling System (SEABOSS; \$50K).

SECTION 7 - LEADERSHIP PREREQUISITES

GRADE	LEADERSHIP MATURITY LEVEL	LEADERSHIP COMPETENCIES NEEDED FOR THIS BILLET
ENS (O1)	Leading Self	<input checked="" type="checkbox"/> Core Values & Conduct <input checked="" type="checkbox"/> Health & Well Being <input checked="" type="checkbox"/> Responsibility <input checked="" type="checkbox"/> Followership <input checked="" type="checkbox"/> Adaptability
LTJG (O2)		<input checked="" type="checkbox"/> Interpersonal Skills <input checked="" type="checkbox"/> Continuous Learning <input checked="" type="checkbox"/> Technical Proficiency <input checked="" type="checkbox"/> Listening <input checked="" type="checkbox"/> Speaking
LT (O3)	Leading Others	<input checked="" type="checkbox"/> Writing <input checked="" type="checkbox"/> Team Building <input type="checkbox"/> Leveraging Diversity <input checked="" type="checkbox"/> Influencing Others <input type="checkbox"/> Developing Others <input checked="" type="checkbox"/> Execution
LCDR (O4)		<input checked="" type="checkbox"/> Decisiveness <input checked="" type="checkbox"/> Problem Solving <input checked="" type="checkbox"/> Conflict Management <input checked="" type="checkbox"/> Customer Focus <input type="checkbox"/> Entrepreneurship
CDR (O5)	Leading Performance and Change	<input checked="" type="checkbox"/> Creativity & Innovation <input type="checkbox"/> Human Capital Management <input type="checkbox"/> Financial Management <input type="checkbox"/> Technology Management
CAPT (O6) and RADM (O7/O8)		<input type="checkbox"/> External Awareness <input type="checkbox"/> Strategic Thinking <input type="checkbox"/> Political Savvy <input type="checkbox"/> Vision <input type="checkbox"/> Partnering

Leadership Prerequisite Comments (Optional)

This is a challenging crossover billet involving activities and situations that are above and beyond the traditional duties of a hydrographic junior officer.

SECTION 8 - OPERATIONAL PREREQUISITES

A. Marine Prerequisites

- Officer of the Deck Senior Watch Officer ECDIS Dynamic Positioning Boat Deployment MedPIC
 Coxswain/OIC HAZWOPER AUV Deployment U/W UAS Deployment Buoy/Mooring Qualified
 Trawl Qualified Longline Qualified Hydro Launch PIC Foreign Port Calls

B. Aviation Prerequisites

- Co-Pilot Pilot Aircraft Commander Mission Commander Instructor Pilot Hurricane Qualified
 Alaska/Wilderness Qualified Flight Meteorologist International Flights UAS Pilot

C. Dive Prerequisites

- Scientific Diver Working Diver Advanced Working Diver Master Diver Dive Master Dive Medic
 Unit Diving Supervisor

D. Additional Operational Prerequisites (security clearances, special training) and Operational Prerequisite Comments (Optional)

SECTION 9 - PROGRAM, PROJECT, OR ACTIVITY PREREQUISITES

List specific qualifications, knowledge, skills or abilities required prior to reporting to this billet. For example: budget (MARS, CBS); personnel; contracting (COTR, Warrants); Scientific (IHO Category A, scientific papers/publications, GIS); engineering (marine survey, ABYC, ABS, FAA); regulatory (US Code, CFR); information technology (databases, networks, programming).

A minimum of one field tour aboard a NOAA hydrographic survey vessel, including experience in bathymetric multibeam and side scan sonar data acquisition and processing. Sheet manager. Strong computer and problem solving skills and good oral and written communication skills.

SECTION 10 - LEADERSHIP DEVELOPMENT

GRADE	LEADERSHIP MATURITY LEVEL	LEADERSHIP COMPETENCIES DEVELOPED IN THIS BILLET
ENS (O1)	Leading Self	<input checked="" type="checkbox"/> Core Values & Conduct <input checked="" type="checkbox"/> Health & Well Being <input checked="" type="checkbox"/> Responsibility <input checked="" type="checkbox"/> Followership <input checked="" type="checkbox"/> Adaptability
LTJG (O2)		<input checked="" type="checkbox"/> Interpersonal Skills <input checked="" type="checkbox"/> Continuous Learning <input checked="" type="checkbox"/> Technical Proficiency <input checked="" type="checkbox"/> Listening <input checked="" type="checkbox"/> Speaking
LT (O3)	Leading Others	<input checked="" type="checkbox"/> Writing <input checked="" type="checkbox"/> Team Building <input type="checkbox"/> Leveraging Diversity <input checked="" type="checkbox"/> Influencing Others <input type="checkbox"/> Developing Others <input checked="" type="checkbox"/> Execution
LCDR (O4)		<input checked="" type="checkbox"/> Decisiveness <input checked="" type="checkbox"/> Problem Solving <input checked="" type="checkbox"/> Conflict Management <input checked="" type="checkbox"/> Customer Focus <input type="checkbox"/> Entrepreneurship
CDR (O5)	Leading Performance and Change	<input checked="" type="checkbox"/> Creativity & Innovation <input type="checkbox"/> Human Capital Management <input type="checkbox"/> Financial Management <input checked="" type="checkbox"/> Technology Management
CAPT (O6) and RADM (O7/O8)		<input type="checkbox"/> External Awareness <input type="checkbox"/> Strategic Thinking <input type="checkbox"/> Political Savvy <input type="checkbox"/> Vision <input type="checkbox"/> Partnering
Leadership Development Comments (Optional)		

SECTION 11 - OPERATIONAL DEVELOPMENT

<p>A. Marine Development</p> <p><input type="checkbox"/> Officer of the Deck <input type="checkbox"/> Senior Watch Officer <input type="checkbox"/> ECDIS <input type="checkbox"/> Dynamic Positioning <input type="checkbox"/> Boat Deployment <input type="checkbox"/> MedPIC</p> <p><input type="checkbox"/> Coxswain/OIC <input type="checkbox"/> HAZWOPER <input checked="" type="checkbox"/> AUV Deployment <input type="checkbox"/> U/W UAS Deployment <input type="checkbox"/> Buoy/Mooring Qualified</p> <p><input type="checkbox"/> Trawl Qualified <input type="checkbox"/> Longline Qualified <input type="checkbox"/> Hydro Launch PIC <input type="checkbox"/> Foreign Port Calls</p>
<p>B. Aviation Development</p> <p><input type="checkbox"/> Co-Pilot <input type="checkbox"/> Pilot <input type="checkbox"/> Aircraft Commander <input type="checkbox"/> Mission Commander <input type="checkbox"/> Instructor Pilot <input type="checkbox"/> Hurricane Qualified</p> <p><input type="checkbox"/> Alaska/Wilderness Qualified <input type="checkbox"/> Flight Meteorologist <input type="checkbox"/> International Flights <input type="checkbox"/> UAS Pilot</p>
<p>C. Dive Development</p> <p><input type="checkbox"/> Scientific Diver <input type="checkbox"/> Working Diver <input type="checkbox"/> Advanced Working Diver <input type="checkbox"/> Master Diver <input type="checkbox"/> Dive Master <input type="checkbox"/> Dive Medic</p> <p><input type="checkbox"/> Unit Diving Supervisor</p>
<p>D. Additional Operational Development (security clearances, special training) or Operational Development Comments (Optional)</p> <p>The incumbent will gain experience with towed systems, ROVs, and bottom sampling equipment; training will be provided as needed.</p>

SECTION 12 - PROGRAM, PROJECT, OR ACTIVITY DEVELOPMENT

List specific qualifications, knowledge, skills or abilities to be developed in this billet. For example: budget (MARS, CBS); personnel; contracting (COTR, Warrants); Scientific (IHO Category A, scientific papers/publications, GIS); engineering (marine survey, ABYC, ABS, FAA); regulatory (US Code, CFR); information technology (databases, networks, programming).

The incumbent will gain experience with GIS, Caris, and Fledermaus software; training will be provided as needed. Authoring, presenting, reviewing, and publishing of original scientific research. Innovative acquisition and processing of hydrographic and benthic data.

SECTION 13 - CRITICAL SUCCESS CRITERIA

Provide brief measurable performance goals which would represent successful performance in this billet.

- Acquires bathymetric data that meet NOAA's hydrographic standards, are submitted to OCS, and are incorporated into nautical charts.
- Demonstrates skills in deployment/recovery/operation of specialized scientific equipment, including Klein 7180 LRSSS, Klein 5410 side scan sonar, Sonardyne Fusion wideband USBL system, 2-part towed TACOS camera system, SEABOSS bottom sampler and FFCPT.
- Develops expertise in acquisition and processing of acoustic backscatter for fisheries and hydrographic purposes.
- Maintains productive relationship between RACE and OCS by successfully exercising the IOCM concept.

SECTION 14 - ROUTING, REVIEW, RECOMMENDATION AND APPROVAL

A. Developer's Statement

"I certify that I have written this billet description and certify that it is a true and correct representation of the billet."

1. Signature



Digitally signed by Adam Pfundt
DN: cn=Adam Pfundt, o=noaa.gov, ou=NOAA Corps,
email=adam.pfundt@noaa.gov, cn=US
Date: 2014.02.27 09:05:40 -0800

2. Date 2014-02-27

3. Name LTJG Adam Pfundt

4. Title/Position Benthic Mapping Specialist

B. Supervisor's Statement

"I have reviewed this billet description and certify that it is a true and correct representation of this billet "

1. Signature

MCCONNAUGHEY.ROBERT.
A.1365835744

Digitally signed by MCCONNAUGHEY.ROBERT.A.1365835744
DN: cn=US, ou=U.S. Government, ou=DoD, ou=PKI, ou=OTHER,
cn=MCCONNAUGHEY.ROBERT.A.1365835744
Date: 2014.03.03 10:11:28 -0800

2. Date 2014-03-03

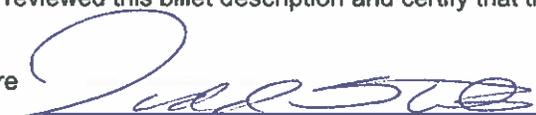
3. Name Robert A. McConnaughey, Ph.D.

4. Title/Position Research Fishery Biologist

C. Reviewing Officer's Statement

"I have reviewed this billet description and certify that this billet is a priority for my Line, Staff, or Headquarters Office."

1. Signature



2. Date 4/10/14

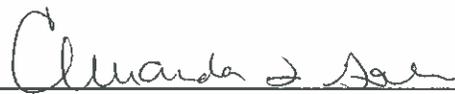
3. Name Todd Stiles

4. Title/Position XO / NMFS

D. Commissioned Personnel Center Endorsement

"I am the OMAO/CPC Officer Career Management Division representative. I recommend approval of this billet."

1. Signature



2. Date 4/20/14

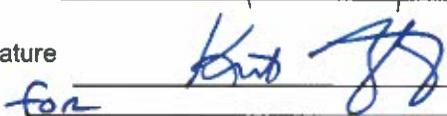
3. Name LCDR Amanda Geller, NOAA

4. Title/Position Chief, Officer Assignment Branch

E. Director, NOAA Corps Endorsement

"I am the authorized representative of Director NOAA Corps and I approve this billet."

1. Signature

 CON/NOAA
for

2. Date 2014-05-19

3. Name CAPT Lawrence Kreppe, NOAA

4. Title/Position Director, CPC

Print Form

Submit to CPC (Reviewer Use Only)