

NOAA COMMISSIONED OFFICER BILLET DESCRIPTION

TO: DIRECTOR, COMMISSIONED PERSONNEL CENTER, CPC		FROM: LCDR MICHAEL J. HOSHLYK
THRU (Liaison Officer): NOAA - NMAO - NMFS LIAISON OFFICER		ROUTING CODE: F/SWC6
BILLET TITLE: CoastWatch Operations Officer W. Coast Region		ADDRESS: NMFS PACIFIC FISHERIES ENVIRONMENTAL LAB (PFEL) 1352 LIGHTHOUSE AVENUE PACIFIC GROVE, CALIFORNIA 93950
RANK REQUESTED: (0-2, 0-3, 0-4, etc.) 0-3		PHONE NUMBER: (831) 648-8515
GS/IGM EQUIVALENT:		(This block to be completed by liaison officer) IS THIS A NEW BILLET: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO BILLET PRIORITY: <input checked="" type="checkbox"/> A, <input type="checkbox"/> B, <input type="checkbox"/> C, <input type="checkbox"/> R
IMMEDIATE SUPERVISOR: LCDR MICHAEL J. HOSHLYK, NOAA	TITLE: EXECUTIVE OFFICER, NMFS-SWFSC-PFEL	PHONE NUMBER: (831) 648-8515
EDUCATIONAL REQUIREMENTS: Bachelor of Science Degree in Mathematics, Physical Science or Computer Science		
OTHER QUALIFICATIONS (INCLUDE PARTICULAR SECURITY CLEARANCES, SKILLS, ETC...) Strong background or research experience in math, physical sciences, with interest in oceanography or fisheries. Familiarity with Unix-Linux based computer programming.		
1. GENERAL DESCRIPTION OF BILLET: The officer is assigned to the NMFS Southwest Fisheries Science Center (SWFSC), Pacific Fisheries Environmental Laboratory (PFEL), in Pacific Grove, California as the NOAA NESDIS Coastwatch West Coast Regional Node (WCRN) Operations Officer. The CoastWatch West Coast Regional Node maintains data received from various NOAA/NASA environmental monitoring satellites. Data are distributed in near real time to researchers, managers, educators, and the public sector via Internet server. Primary data products include sea surface temperature, ocean color, and surface wind. http://coastwatch.pfel.noaa.gov/ The officer will develop a detailed technical expertise with the CoastWatch operations, maintain documentation of CoastWatch data, and assist with WCRN data management. The officer will monitor data being processed for compliance with NOAA data standards. The WCRN Operations officer will serve as the main point of contact for data users and the node. The officer will interact with, and provide support for users of CoastWatch data as well as monitor usage of the data. The officer will work with the CoastWatch team to develop and distribute new products based on this interaction. The officer is also encouraged to develop and implement outreach programs with local schools and research institutions to enhance community awareness of CoastWatch and PFEL activity.		
2. DUTIES AND RESPONSIBILITIES: a. Is this a supervisory billet? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO b. If so, state number and grade of personnel supervised. Number: _____ Grade(s): _____ The officer will assist CoastWatch team with data management and quality control. The officer will serve as point of contact for CoastWatch customers. Assist customers (public, scientist, government) with the access and distribution of CoastWatch data products and services. The officer will monitor usage of data. Based on this monitoring, assist in the development of new NOAA satellite-based data products and services. The officer will assist with other various PFEL and/or Node project opportunities. The officer will develop and maintain a outreach program with local schools and the various marine research institutes in the Monterey Bay area.		

CONTINUE IN ITEM 4

JAN 25 2006

3. CAREER DEVELOPMENT OPPORTUNITIES:

The officer will develop understanding of NOAA, NMFS and NESDIS agency missions, administration, and supported research. The officer will gain experience in environmental data management, enhancing his management, planning, communication and computer application skills. The officer will develop speaking and public relations skills through the liaison interaction with CoastWatch data users, graduate studies, and community outreach programs.

The CoastWatch node is located at SWFSC PFEL in Pacific Grove on the Monterey Peninsula proximate to several universities including the US Naval Postgraduate School in Monterey, California. The billet offers opportunity to study and pursue graduate studies related to the PFEL/Coastwatch mission. The billet offers opportunity for limited study and pursuit of graduate studies related to billet duties or PFEL mission.

4. ADDITIONAL COMMENTS:

This is a Category A Billet located at the NMFS SWFSC - F/SWC6 - Pacific Fisheries Environmental Laboratory in Pacific Grove, California.

History:

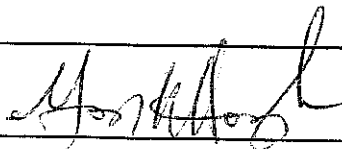
The Pacific Fisheries Environmental Group (PFEG) was established in 1969, as part of the Bureau of Commercial Fisheries, later incorporated into National Marine Fisheries Service. PFEG represented a unique collaboration with the US Navy's Fleet Numerical Meteorology and Oceanography Center (FNMOC) developing environmental databases and products regarding marine weather, climate variability and ocean dynamics. PFEG's mission being to develop the analysis to provide a means to effectively understand the effects of environmental variability on fisheries over a broad range of scientific and economic management and operational concerns of US Government and US Commercial Fishing Industry.

PFEG moved seven times during 1969-1996, always remaining on the Monterey Peninsula to allow continued collaboration and data links with FNMOC. This relationship demonstrated a longstanding example of dual use of military environmental data assets. The 4.5 acres on which the facility resides were originally part of a parcel acquired by the US Coast Guard for the Point Pinos Lighthouse. In 1952, the Navy constructed a building on site, designed to withstand the blast of an atom bomb, and to serve as an air interceptor training facility for Navy Pilots and ground personnel during the Cold War. In 1963, the facility became home to part of the FNMOC and was used as a computing and archival center for meteorological and oceanographic products. In 1996, the FNMOC/Naval Reserve Center was formally transferred from the Navy to NOAA NMFS

The Pacific Fisheries Environmental Laboratory (PFEL) is recognized domestically and internationally for superior scientific excellence and outreach in research related to understanding environmental variability affecting stewardship of living marine resources, recovery and maintenance of marine protected species, data assimilation and distribution of marine environmental products and time series databases critical in marine research. PFEL is also active in extensive expansion of CoastWatch ocean satellite remote sensing capabilities through NOAA/NASA/NESDIS/NMFS partnerships.

For more information visit:
<http://www.pfeg.noaa.gov/>
<http://coastwatch.noaa.gov/>
<http://swfsc.nmfs.noaa.gov/>

SIGNATURE OF SUPERVISOR:



DATE:

28 FEB 2005