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Service Change Notice 13-77 Corrected
National Weather Service Headquarters Washington DC
730 AM EDT Tue Apr 1 2014

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From: Mark A. Tew
 Chief, Marine and Coastal Weather Services Branch

Subject: Corrected: Changes in Offshore Waters Marine Zones for the New England and West Central North Atlantic and for the Washington, Oregon and California Waters in the Pacific Ocean: Effective April 1, 2014

Corrected the following:

- Changed part of the World Meteorological Organization (WMO) Headings in Table 3/Pacific Product Name from KWMN to KWNM. The rest of the WMO Headings in Table 3 are correct.
- Corrected name of PZZ945 in Table 2 from PZZ945 - 120W to San Clemente Island, CA between 150 NM and 250 NM offshore, to PZZ945 - San Clemente Island, CA to Guadalupe Island from 60 NM offshore west to 120W.
- Corrected name of ANZ825 in Table 2 from ANZ825 - Baltimore Canyon to Hatteras Canyon to 100 NM offshore, to ANZ825 - Baltimore Canyon to Cape Charles Light to 100 NM offshore.
- Corrected name of ANZ915 in Table 2 from ANZ915 - Between 1,000 fathoms and 39N west of 69W, to ANZ915 - Between 1,000 fathoms and 38.5N west of 69W.
- Corrected Headings and Advanced Weather Interactive Processing System (AWIPS) identifiers in Table 4: Pacific WMO Headings were incorrectly listed as FZNT35 KWBC and FZNT36 KWBC. These headings have been corrected to FZPN35 KWBC and FZPN36 KWBC. In addition, all the AWIPS identifiers in Table 4 were corrected from 9 to 6 characters.

Effective Tuesday, April 1, 2014, at 200 pm Eastern Daylight Time (EDT) or 1800 Coordinated Universal Time (UTC), the Ocean Prediction Center (OPC) of the National Centers for Environmental Prediction (NCEP) will reconfigure its marine zones for the offshore waters in the both the Atlantic and Pacific Oceans. The Atlantic offshore waters include New England and the west central North Atlantic. For the Pacific, offshore waters include Washington, Oregon and California.

Currently, there are eight marine zones covering the OPC Atlantic offshore

waters and five marine zones covering the Pacific offshore waters. These zones will be reconfigured into 18 zones for the Atlantic offshore waters and 19 marine zones to cover the Pacific offshore waters. Marine observations, local effects, and customer feedback all indicate that the current marine zones are too large to provide the necessary detail for the marine community. This reconfiguration will serve to improve the precision of marine warnings, forecasts and other services by allowing forecasters to be more area specific.

Table 1 lists the current marine zones and corresponding Universal Geographic Codes (UGC) for which OPC issues forecasts and warnings. Table 2 lists the marine zones and corresponding UGCs for which OPC will issue forecasts and warnings effective April 1, 2014. Table 3 lists all of the products issued by OPC that will be affected by the marine zone changes. Table 4 lists future product headers for U.S. Coast Guard (USCG) voice broadcasts.

Table 1. Current Marine Zones and Corresponding UGCs for which OPC Issues Offshore Forecasts and Warnings:

OPC Atlantic Ocean Offshore Waters:

UGC - Zone Name

ANZ080 - Synopsis for New England Waters.
ANZ081 - Gulf of Maine to the Hague Line.
ANZ082 - Georges Bank from the Northeast Channel to the Great South Channel including the waters east of Cape Cod to the Hague Line.
ANZ083 - South of New England from the Great South Channel to Hudson Canyon including the waters south of Martha's Vineyard and Nantucket Island out to 1,000 fathoms.
ANZ089 - Synopsis for Mid Atlantic Waters. ANZ084 - Hudson to Baltimore Canyon.
ANZ085 - Baltimore Canyon to Hatteras Canyon out to 36N 70W to 34N 71W.
ANZ086 - Hatteras Canyon to Cape Fear out to 34N 71W to 32N 73W.
ANZ088 - Cape Fear to 31N out to 32N 73W to 31N 74W.
ANZ094 - Baltimore Canyon to the Hague Line South of 1,000 Fathoms.

OPC Pacific Ocean Offshore Waters:

UGC - Zone Name

PZZ080 - Synopsis for Washington and Oregon Waters.
PZZ081 - Cape Flattery to Cape Lookout.
PZZ082 - Cape Lookout to Point St. George.
PZZ089 - Synopsis for California Waters Offshore.
PZZ083 - Point St. George to Point Arena.
PZZ084 - Point Arena to Point Conception.
PZZ085 - Point Conception to Guadalupe Island.

Table 2. Marine Zones and Corresponding UGCs for which OPC will Issue Forecasts and Warnings Effective April 1, 2014:

OPC Atlantic Offshore Waters:

New UGC - New Marine Zone Name

- ANZ898 - Synopsis for New England waters.
- ANZ899 - Synopsis for Mid Atlantic waters.
- ANZ800 - Gulf of Maine to the Hague Line.
- ANZ805 - Georges Bank between Cape Cod and 68W north of 1,000 fathoms.
- ANZ810 - South of New England between the Great South Channel and Montauk Point to 1,000 fathoms.
- ANZ815 - South of Long Island between Montauk Point and Sandy Hook to 1,000 fathoms.
- ANZ820 - Hudson Canyon to Baltimore Canyon to 1,000 fathoms.
- ANZ825 - Baltimore Canyon to Cape Charles Light to 100 NM offshore.
- ANZ828 - Cape Charles Light to Currituck Beach Light to 100 NM offshore.
- ANZ830 - Currituck Beach Light to Cape Hatteras to 100 NM offshore.
- ANZ833 - Cape Hatteras to Cape Fear to 100 NM offshore.
- ANZ835 - Cape Fear to 31N to 1,000 fathoms.
- ANZ900 - Georges Bank between 68W and the Hague Line.
- ANZ905 - East of 69W to the Hague Line between 1,000 fathoms and 39N.
- ANZ910 - East of 69W and south of 39N to 250 NM offshore.
- ANZ915 - Between 1,000 fathoms and 38.5N west of 69W.
- ANZ920 - Baltimore Canyon to 69W east of 1,000 fathoms and south of 38.5N to 250 NM offshore.
- ANZ925 - Baltimore Canyon to Hatteras Canyon between 100 NM and 250 NM offshore.
- ANZ930 - Hatteras Canyon to Cape Fear 100 NM and 250 NM offshore.
- ANZ935 - Cape Fear to 31N east of 1000 fathoms to 250 NM offshore.

OPC Pacific Offshore Waters:

New UGC - New Marine Zone Name

- PZZ898 - Synopsis for Washington and Oregon waters.
- PZZ899 - Synopsis for California waters.
- PZZ800 - Cape Flattery to Cape Shoalwater between 60 NM and 150 NM offshore.
- PZZ805 - Cape Shoalwater to Cape Lookout between 60 NM and 150 NM offshore.
- PZZ810 - Cape Lookout to Florence, OR between 60 NM and 150 NM offshore.
- PZZ815 - Florence, OR to Point St. George between 60 NM and 150 NM offshore.
- PZZ900 - Cape Flattery to Cape Shoalwater between 150 NM and 250 NM offshore.
- PZZ905 - Cape Shoalwater to Cape Lookout between 150 NM and 250 NM offshore.
- PZZ910 - Cape Lookout to Florence, OR between 150 NM and 250 NM offshore.
- PZZ915 - Florence, OR to Point St. George between 150 NM and 250 NM offshore.
- PZZ820 - Point St. George to Point Arena between 60 NM and 150 NM offshore.
- PZZ825 - Point Arena to Pigeon Point between 60 NM and 150 NM offshore.
- PZZ830 - Pigeon Point to Point Piedras Blancas between 60 NM and 150 NM

offshore.

PZZ835 - Point Piedras Blancas to Santa Cruz Island, CA between 60 NM and 150 NM offshore.

PZZ840 - Santa Cruz Island, CA to San Clemente Island, CA between 60 NM and 150 NM offshore.

PZZ920 - Point St. George to Point Arena between 150 NM and 250 NM offshore.

PZZ925 - Point Arena to Pigeon Point between 150 NM and 250 NM offshore.

PZZ930 - Pigeon Point to Point Piedras Blancas between 150 NM and 250 NM offshore.

PZZ935 - Point Piedras Blancas to Santa Cruz Island, CA between 150 NM and 250 NM offshore.

PZZ940 - Santa Cruz Island, CA to 120W between 150 NM and 250 NM offshore.

PZZ945 - San Clemente Island, CA to Guadalupe Island from 60 NM offshore west to 120W.

To view images of the current marine zones and the proposed marine zones for which OPC will issue forecasts and warnings effective April 1, 2014, go to the following website:

http://www.opc.ncep.noaa.gov/new_zones.php

Table 3. OPC Products Affected by the Marine Zone Changes Effective April 1, 2014:

Atlantic Product Name -----	WMO Heading -----	AWIPS ID -----
Offshore Waters Forecast	FZNT21 KWBC	OFFNT1
Offshore Waters Forecast	FZNT22 KWBC	OFFNT2
Boston, MA NAVTEX Forecast	FZNT23 KWNM	OFFN01
Portsmouth, VA NAVTEX Forecast	FZNT24 KWNM	OFFN02
Charleston, SC NAVTEX Forecast	FZNT25 KWNM	OFFN03
Pacific Product Name -----	WMO Heading -----	AWIPS ID -----
Offshore Waters Forecast	FZPN25 KWBC	OFFPZ5
Offshore Waters Forecast	FZPN26 KWBC	OFFPZ6
Astoria, OR NAVTEX Forecast	FZPN24 KWNM	OFFN09
San Francisco, CA NAVTEX Forecast	FZPN23 KWNM	OFFN08
Cambria, CA NAVTEX Forecast	FZPN22 KWNM	OFFN07

Customers must reprogram affected hardware and software to continue correctly processing the products listed in Table 3. Also, customers using a graphical representation of these zones must download an updated marine zone map shapefile to correctly depict the marine forecast areas for the Atlantic and Pacific Ocean offshore marine zones. An updated marine zone map shapefile containing the new zones effective April 1, 2014, is available for download from the following website:

www.nws.noaa.gov/geodata/catalog/wsom/html/marinezones.htm

To meet the time constraints for broadcast via USCG Navigational Telex (NAVTEX), the NAVTEX products will combine the forecasts for the zones so they are similar to the NAVTEX forecasts before reconfiguration.

To meet the time constraints for voice broadcast via the U.S. Coast Guard, four new products will be made available as listed in Table 4. These products will combine forecasts for the 18 zones in the Atlantic and 19 zones in the Pacific in such a way that they will be similar to the Offshore Waters Forecasts before reconfiguration.

Table 4. Future Product Headers for USCG Voice Broadcasts:

Product Name -----	WMO Heading -----	AWIPS ID -----
Broadcast Text for offshore New England	FZNT33 KWBC	OFFN31
Broadcast Text for offshore mid Atlantic	FZNT34 KWBC	OFFN32
Broadcast Text for offshore Washington/Oregon	FZPN35 KWBC	OFFN35
Broadcast Text for offshore California	FZPN36 KWBC	OFFN36

If you have any questions or comments about this reconfiguration of OPC offshore waters marine zones, please contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/archive>

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