

Review NOAA Marianas data for phone call

#noaa_oer

Try to diversify outside of archaeology and ocean sciences (geology?)

what's going to have the biggest impact / scientific utility?

2016 Deepwater Exploration of the Marianas (April 20 - July 10 2016)

Marianas Trench Marine National Monument (MTMNM) and the Commonwealth of the Northern Mariana Islands (CNMI). The primary expedition goal was to acquire baseline information in deepwater areas to support science and management needs and to understand the diversity and distribution of deepwater habitats in and around the CNMI and MTMNM.

deep-sea coral and sponge communities

World War II B-29 Superfortress leg 3, dive 22

three new hydrothermal vent sites including small amounts of hydrothermal activity at Eifuku Seamount, an entirely new vent field at Chamorro Seamount (an area with no known history of eruptions), and a new active high-temperature “black smoker” vent field composed of multiple chimneys (one over 30 meters tall!) on the Mariana Back Arc spreading center.

pillow basalts, seen on Dive 6 at Fina Nagu Caldera C

<http://oceanexplorer.noaa.gov/oceanos/explorations/ex1605/dailyupdates/media/video/0503-pillow/0503-pillow.html>

On Dive 9, we dove on a new pillow lava flow

<http://oceanexplorer.noaa.gov/oceanos/explorations/ex1605/dailyupdates/media/video/0429-glassy-lavas/0429-glassy-lavas.html>

Black smoker

<http://oceanexplorer.noaa.gov/oceanos/explorations/ex1605/dailyupdates/media/video/0501-hydrothermal-vents/0501-hydrothermal-vents.html>

Lots of fauna, lots of flow

Two-camera system

<http://oceanexplorer.noaa.gov/oceanos/explorations/ex1605/dailyupdates/media/video/0427-extinct-chimney/0427-extinct-chimney.html>

2016 Deepwater Wonders of Wake: Exploring the Pacific Remote Islands Marine National Monument

Amakasu Maru WWII Shipwreck

Opportunities to rendezvous with D2:

In Hawaii Dec 01-08 /Dec 10-16

Central pacific Jan 18-May 19 (stops in Samoa)

Notes from phone call

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