

PacWave11 Tsunami Exercise

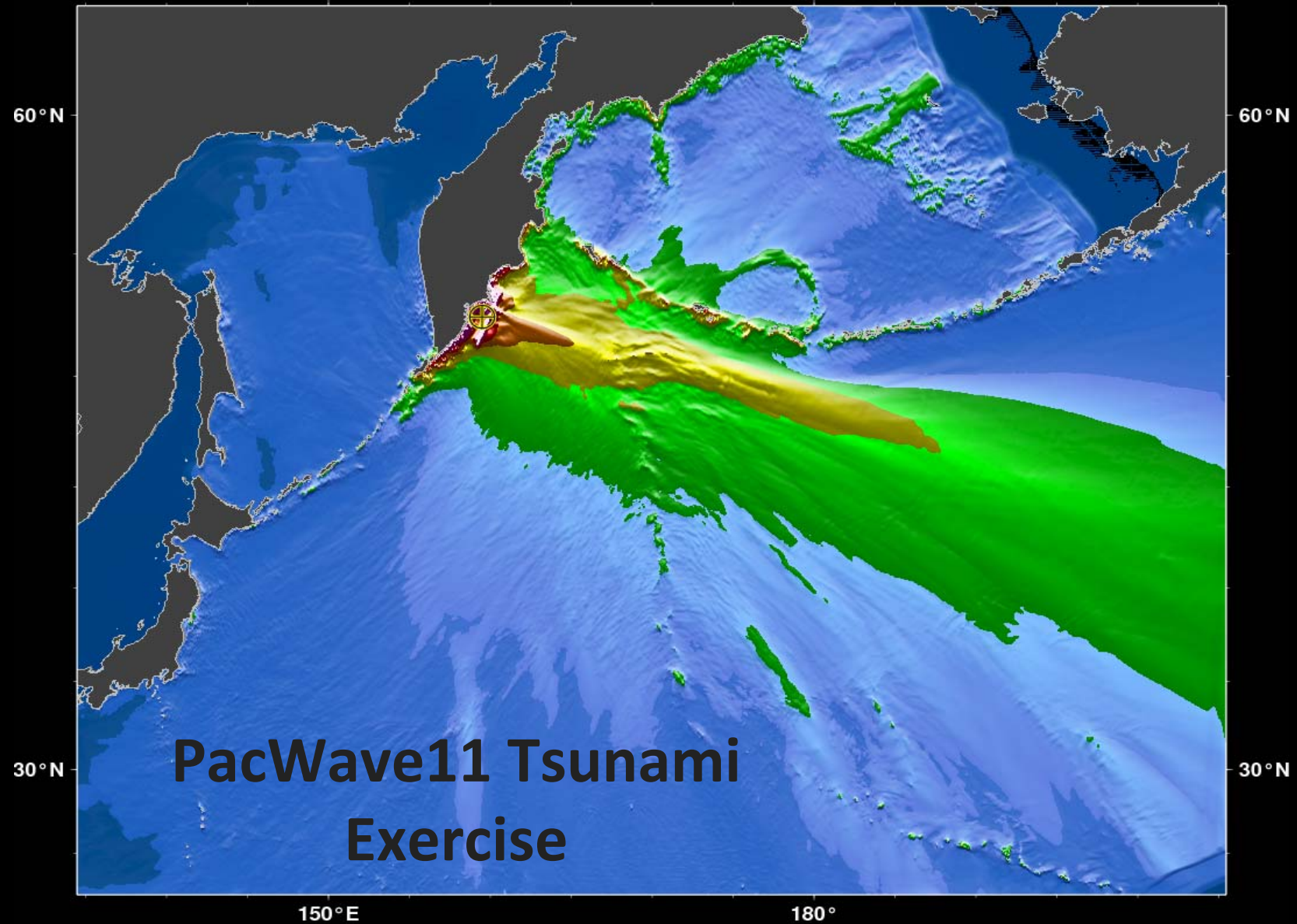
**Kamchatka Mw=9 Earthquake and
Tsunami Scenario**

Draft Experimental Maps

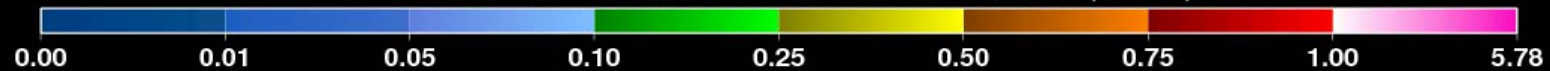
PRODUCT #01
would be issued at 2208 UTC,
8 minutes after the earthquake,
and includes the following 3 maps
as part of the 1st product suite.

To provide a fast product,
the size of the forecast area
for Product #01 is limited.
The whole Pacific forecast is in Product #02.

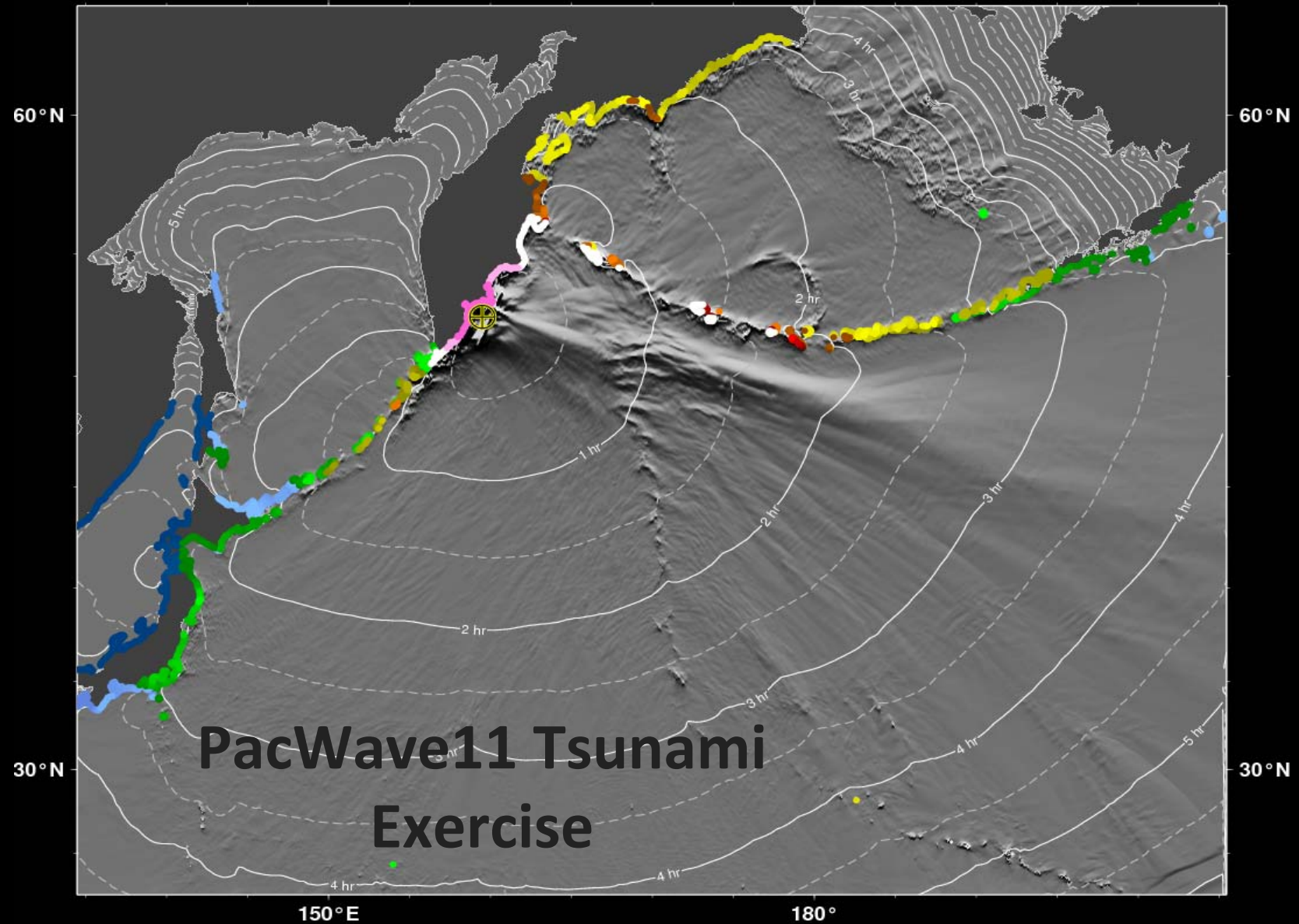
Initial Preliminary Mw=8.4



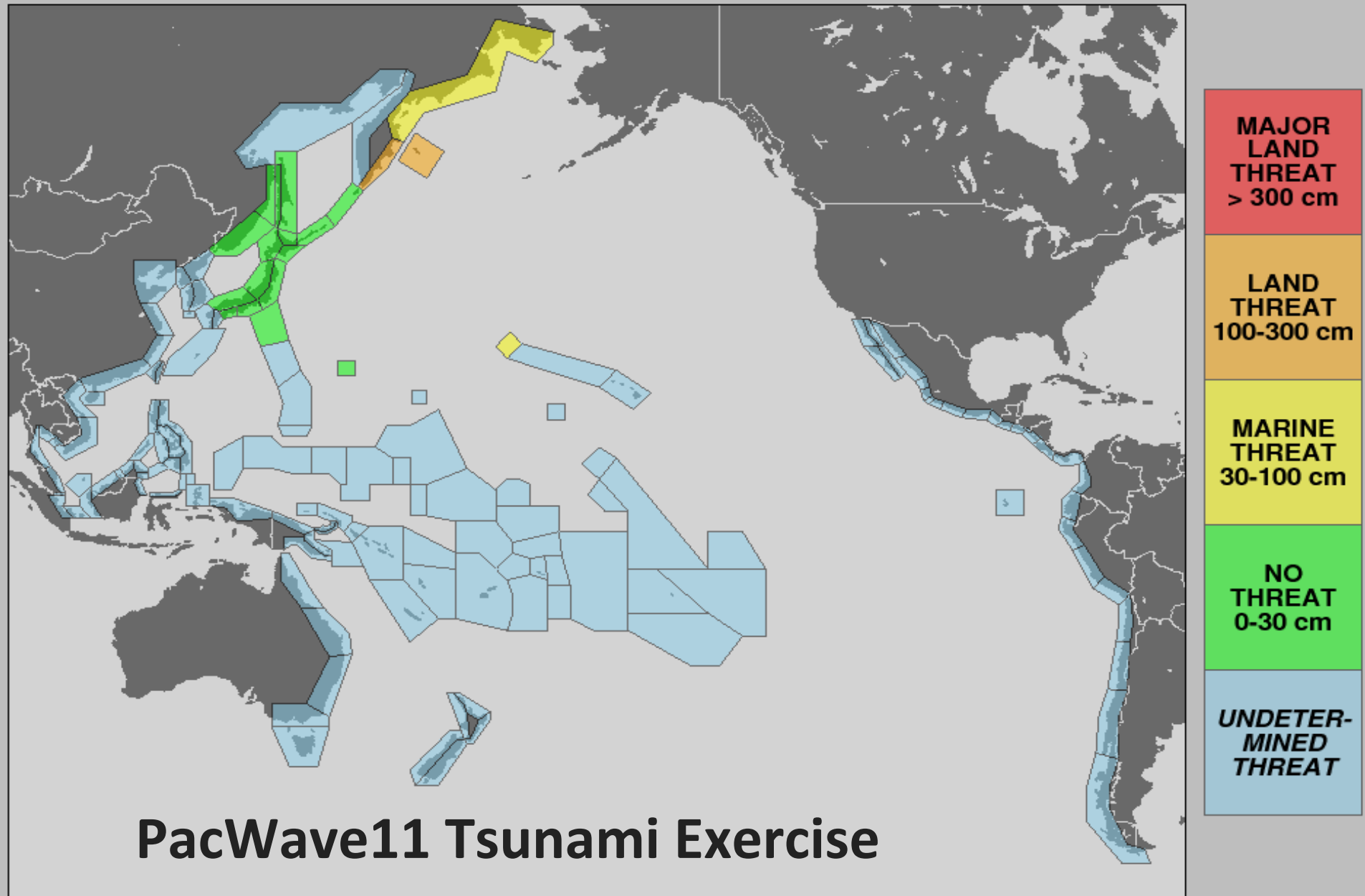
PREDICTED TSUNAMI WAVE AMPLITUDE (meters)



EQ : [52.5, 159.5, 20], Mag=8.4



PTWC Tsunami Threat Level Forecast Number 01 - Issued 11/09/2011 at 2208 UTC



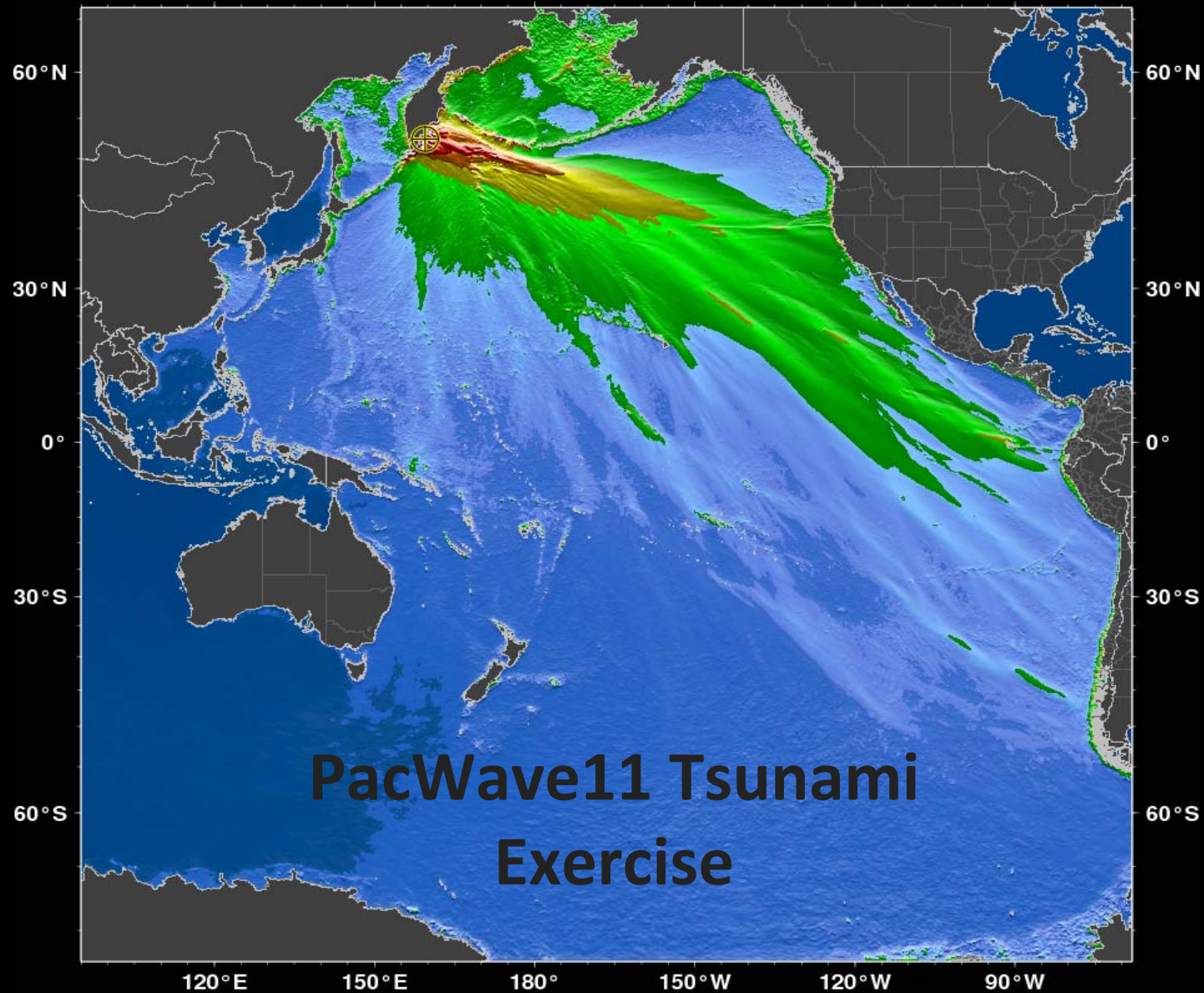
Earthquake: 11/09/2011 2200 UTC 52.5°N 159.5°E h=20km Mw=8.4

PRODUCT #02

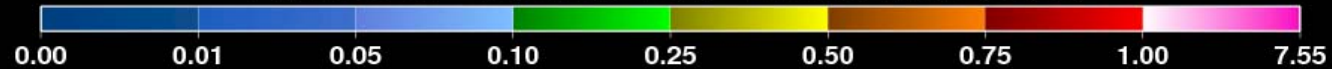
**would be issued at 2245 UTC,
45 minutes after the earthquake, and
includes the following 3 maps as part
of the 2nd product suite.**

Updated Mw=8.7

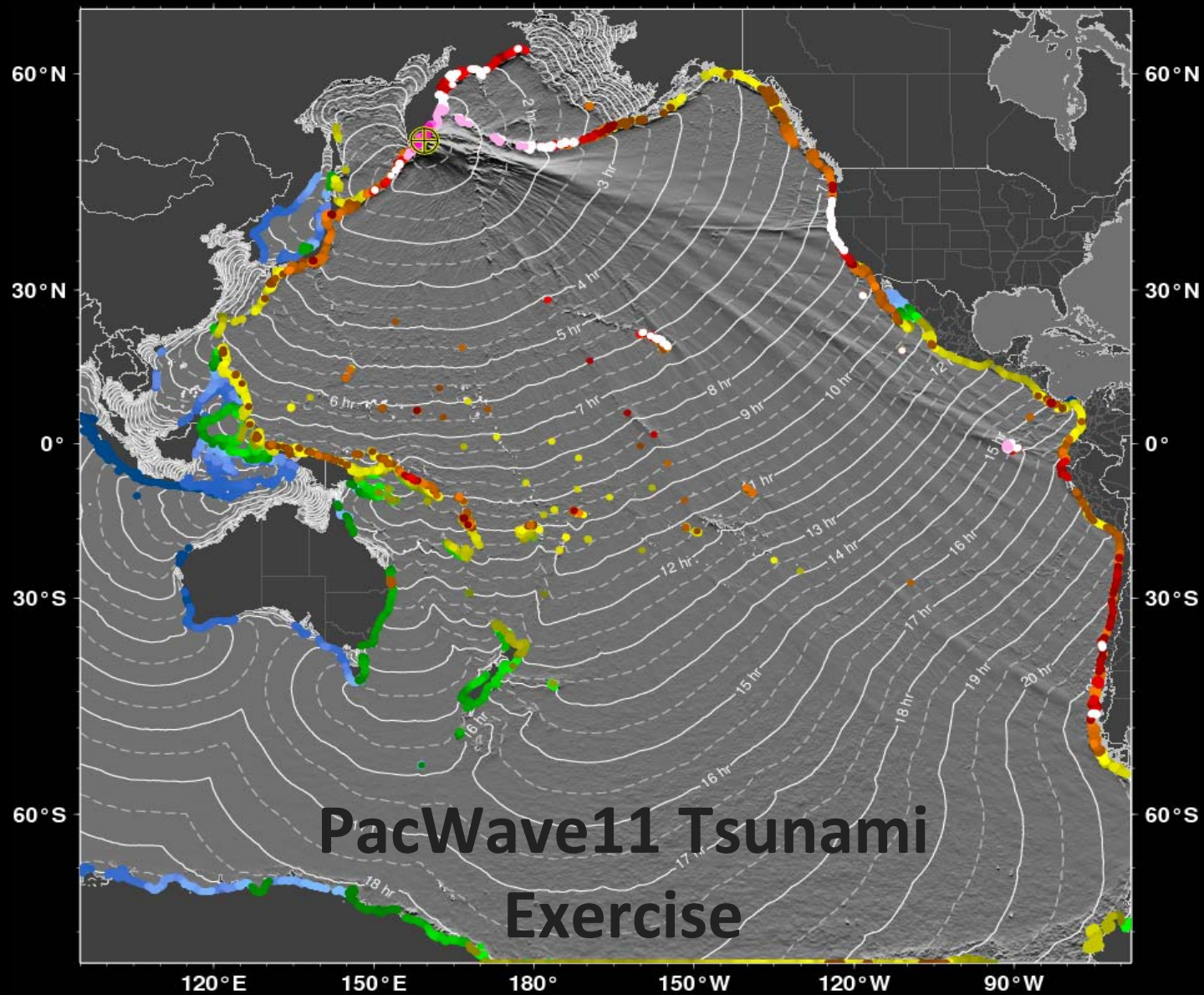
PTWC Deep-Ocean Tsunami Forecast Number 02 – Issued 11/09/2011 2245 UTC



PREDICTED TSUNAMI WAVE AMPLITUDE (meters)



EQ : [52.5, 159.5, 20], Mag=8.7



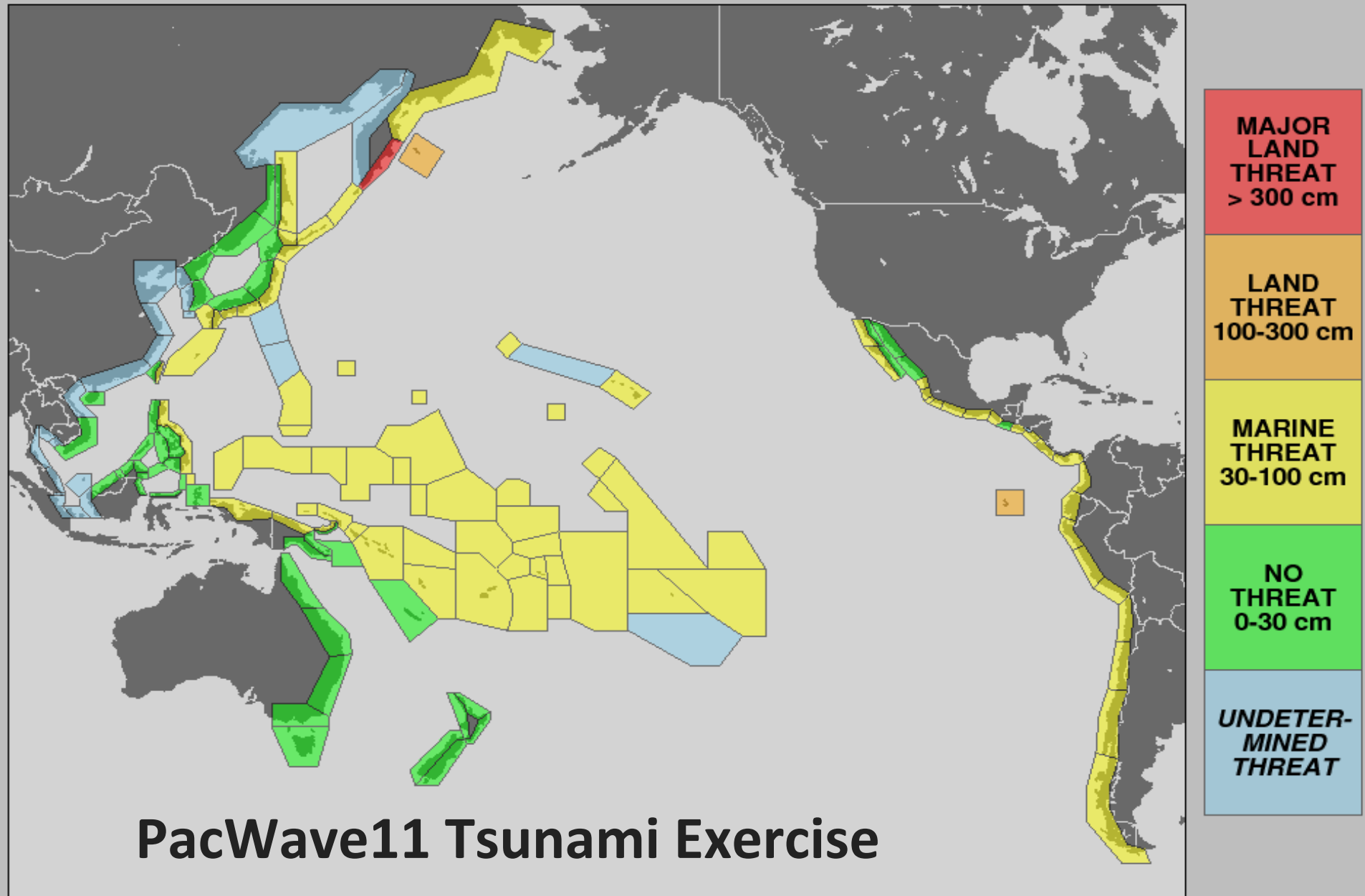
PacWave11 Tsunami Exercise

PREDICTED TSUNAMI WAVE AMPLITUDE (meters)



EQ : [52.5, 159.5, 20], Mag=8.7

PTWC Tsunami Threat Level Forecast Number 02 - Issued 11/09/2011 at 2245 UTC



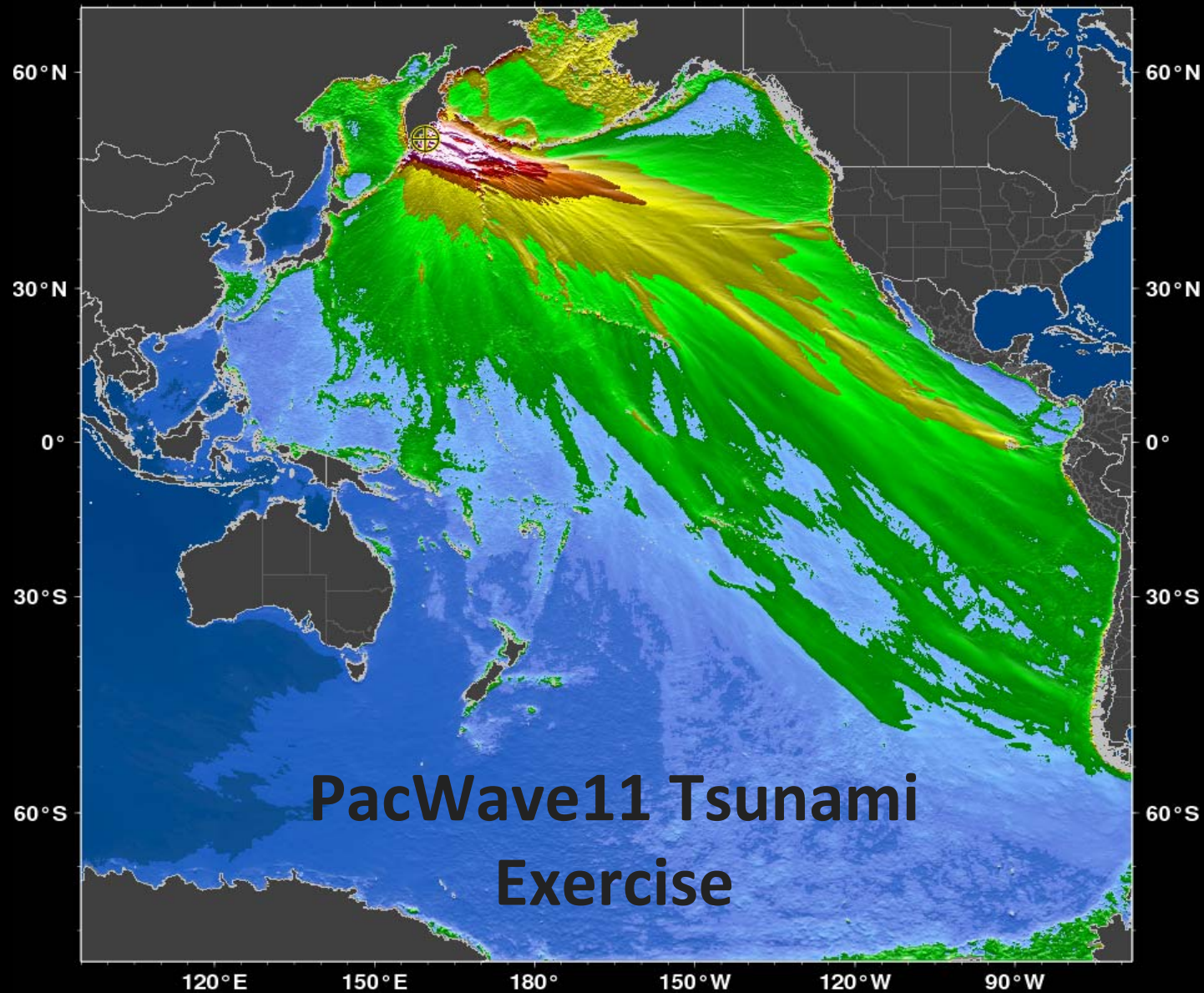
Earthquake: 11/09/2011 2200 UTC 52.5°N 159.5°E h=20km Mw=8.7

PRODUCT #03
would be issued at 2345 UTC,
105 minutes after the earthquake,
and includes the following 3 maps as
part of the 3rd product suite.

Updated Mw=9.0

The maps do not change further for
this scenario.

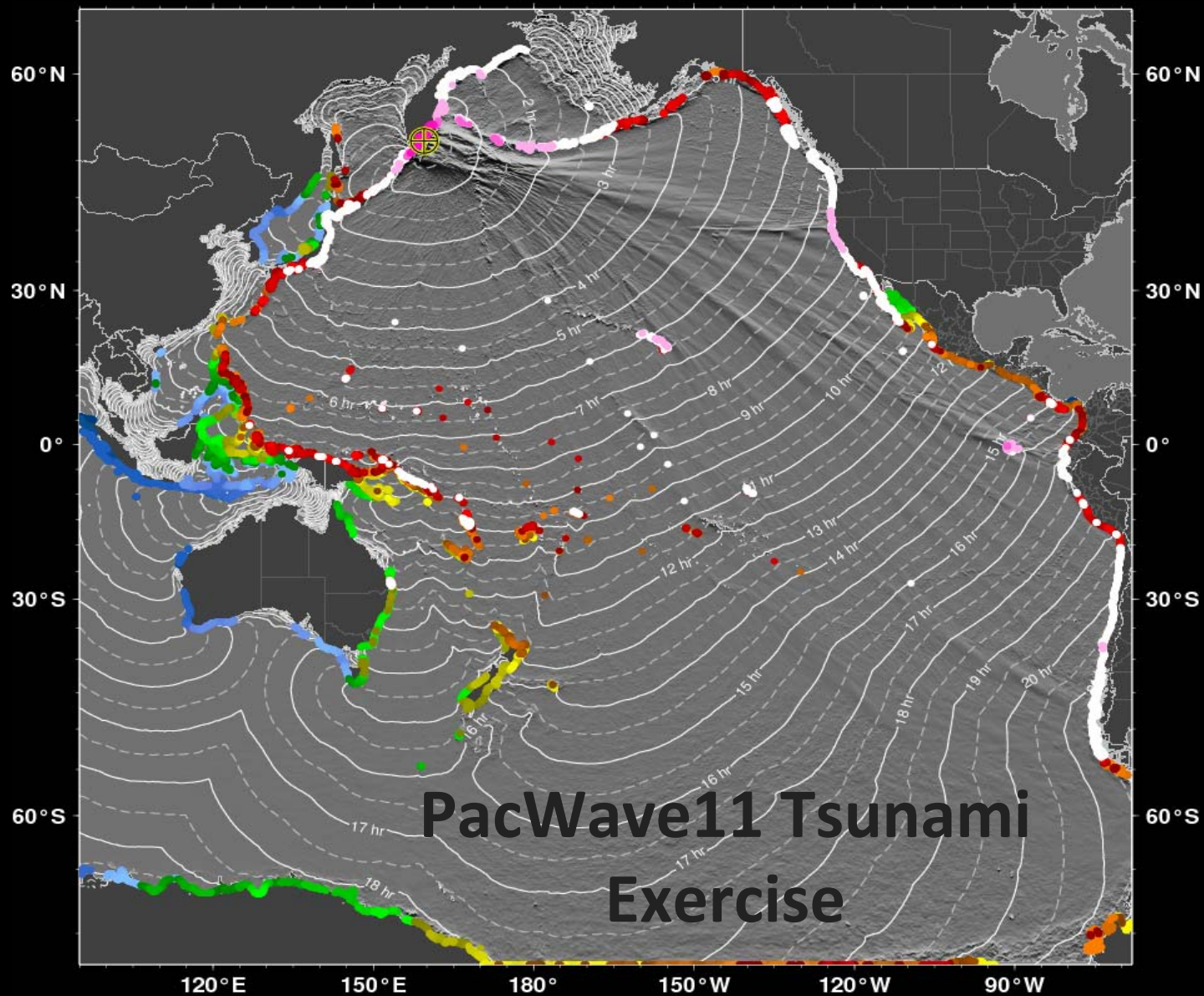
PTWC Deep-Ocean Tsunami Forecast Number 03 – Issued 11/09/2011 2345 UTC



PREDICTED TSUNAMI WAVE AMPLITUDE (meters)



EQ : [52.5, 159.5, 20], Mag=9.0

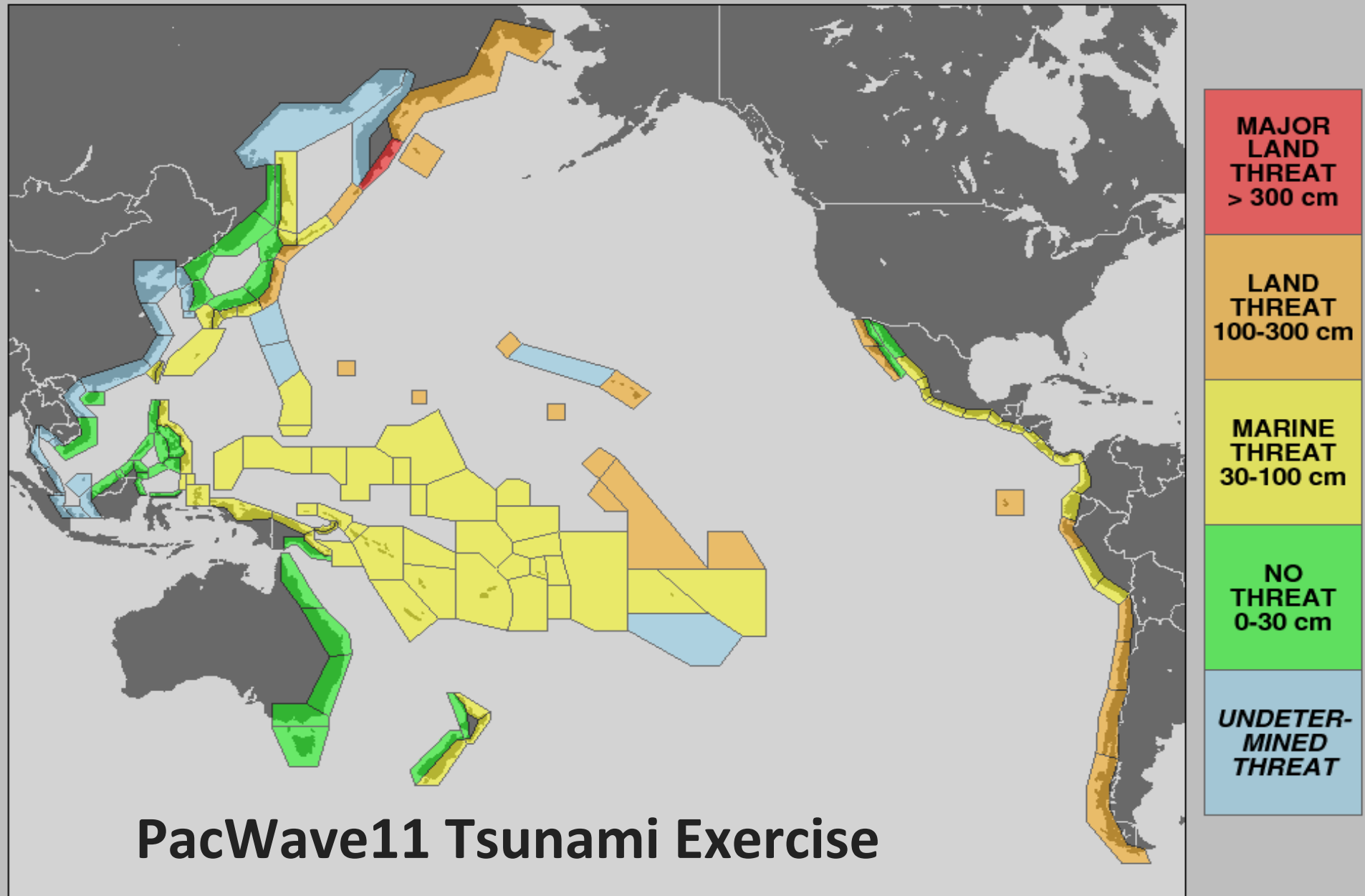


PREDICTED TSUNAMI WAVE AMPLITUDE (meters)



EQ : [52.5, 159.5, 20], Mag=9.0

PTWC Tsunami Threat Level Forecast Number 03 - Issued 11/09/2011 at 2245 UTC



Earthquake: 11/09/2011 2200 UTC 52.5°N 159.5°E h=20km Mw=9.0