

**PacWave11 Tsunami Exercise**

**Central America Mw=9 Earthquake  
and Tsunami Scenario**

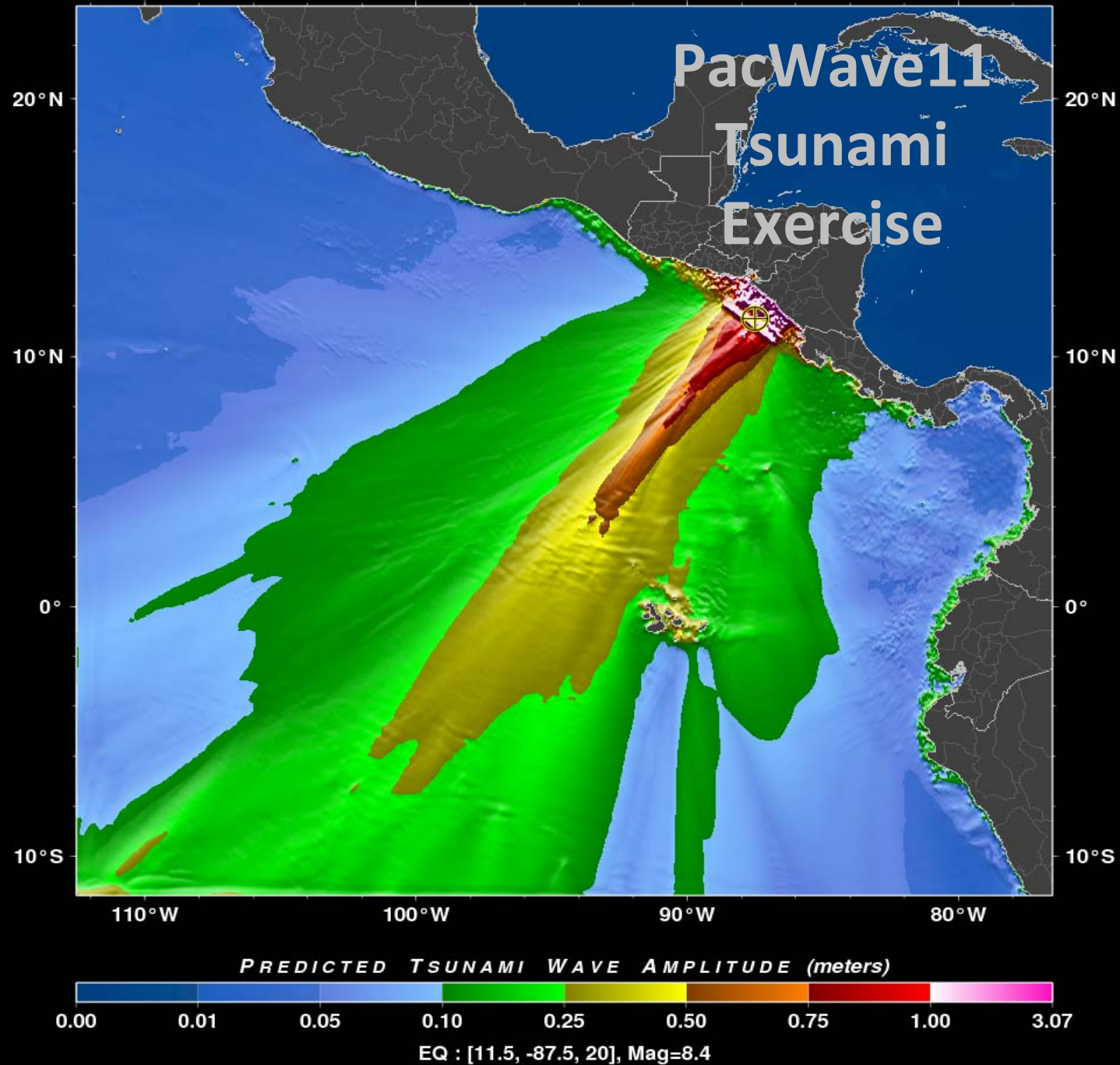
**Draft Experimental Maps**

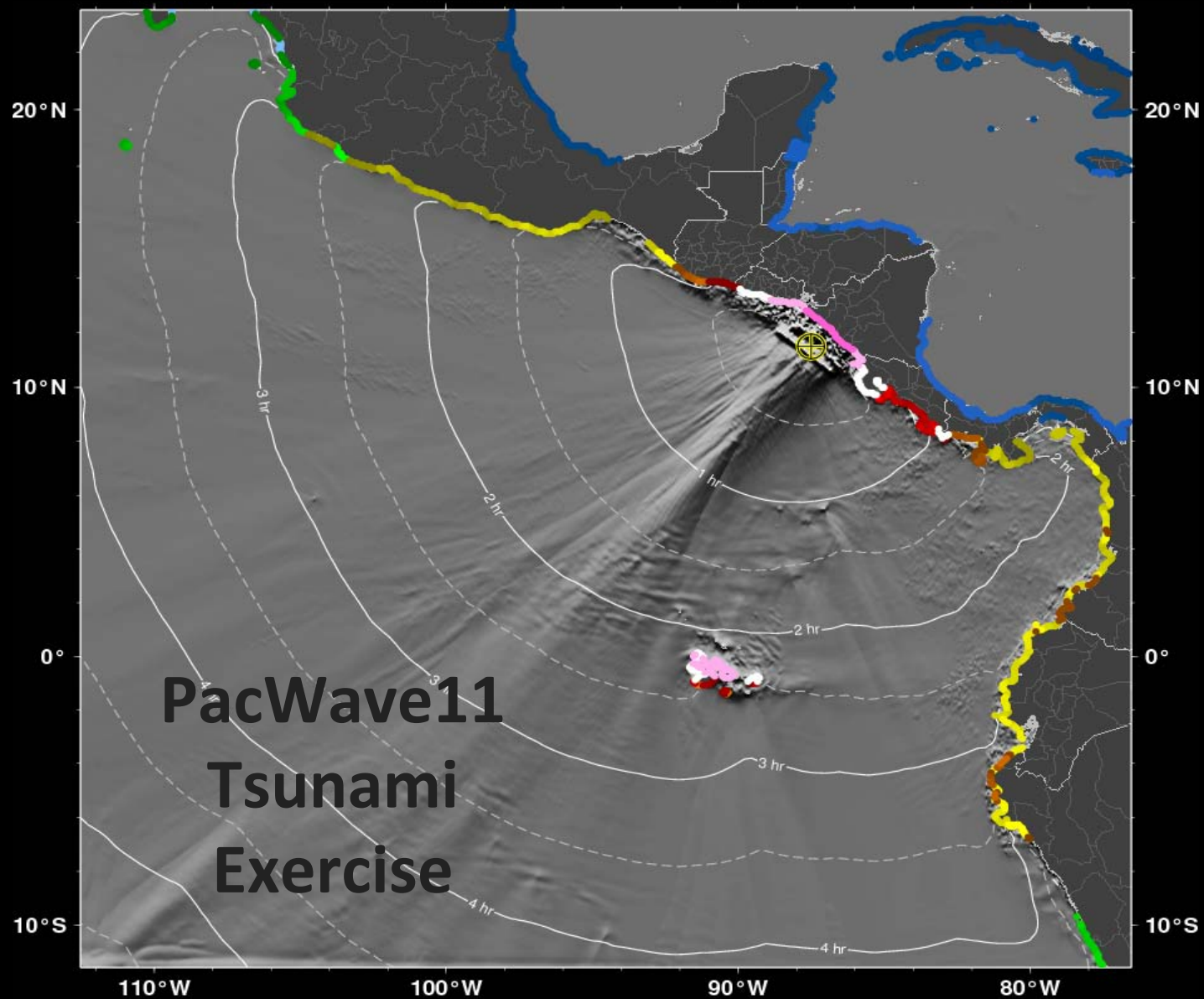
## **PRODUCT #01**

**would be issued at 1508 UTC,  
8 minutes after the earthquake, and  
includes the following 3 maps as part  
of the 1<sup>st</sup> 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**





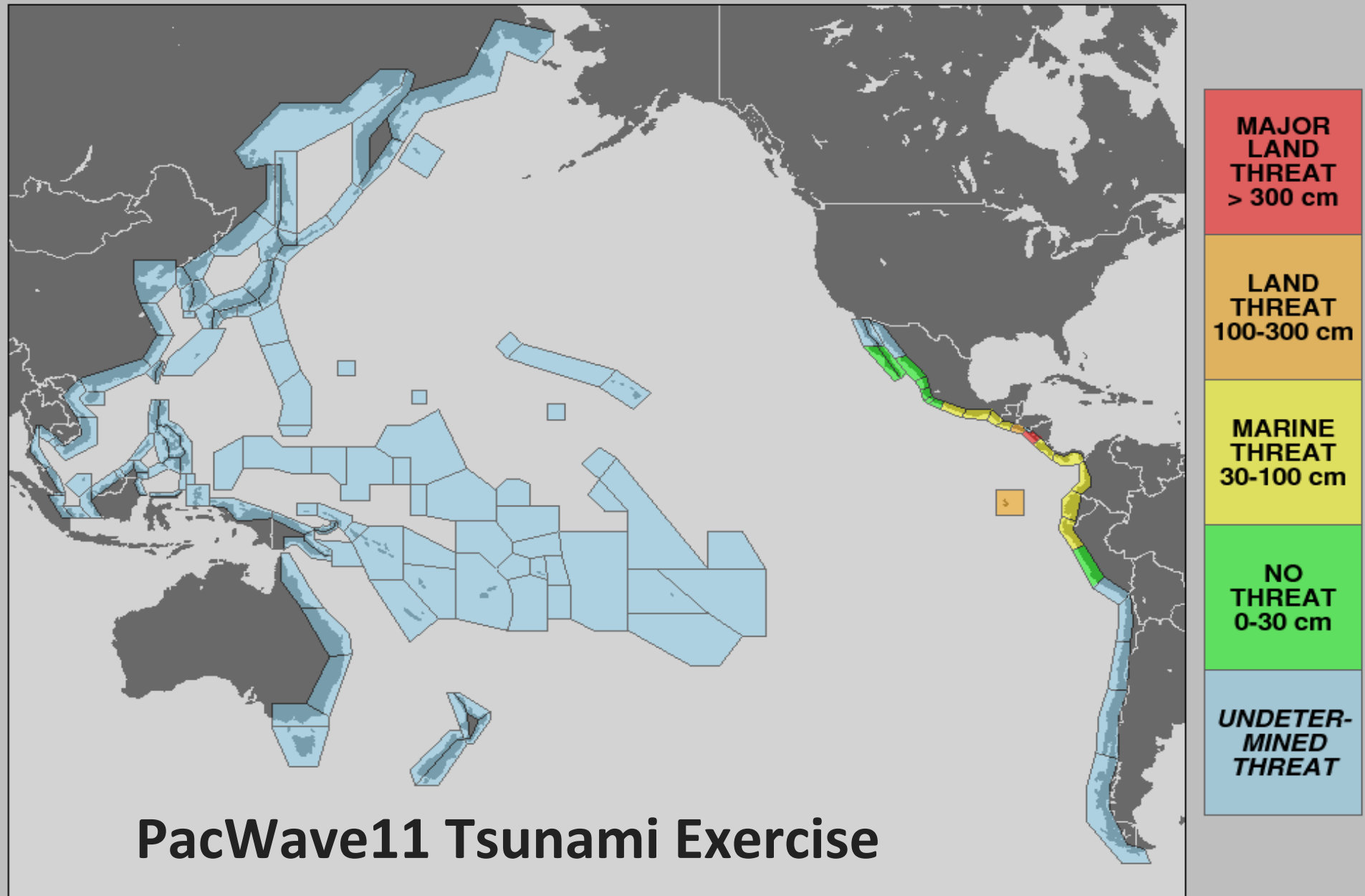
PacWave11  
Tsunami  
Exercise

PREDICTED TSUNAMI WAVE AMPLITUDE (meters)

0.00 0.01 0.05 0.10 0.25 0.50 0.75 1.00 2.00 5.00 7.01

EQ : [11.5, -87.5, 20], Mag=8.4

PTWC Tsunami Threat Level Forecast Number 01 - Issued 11/09/2011 at 1508 UTC



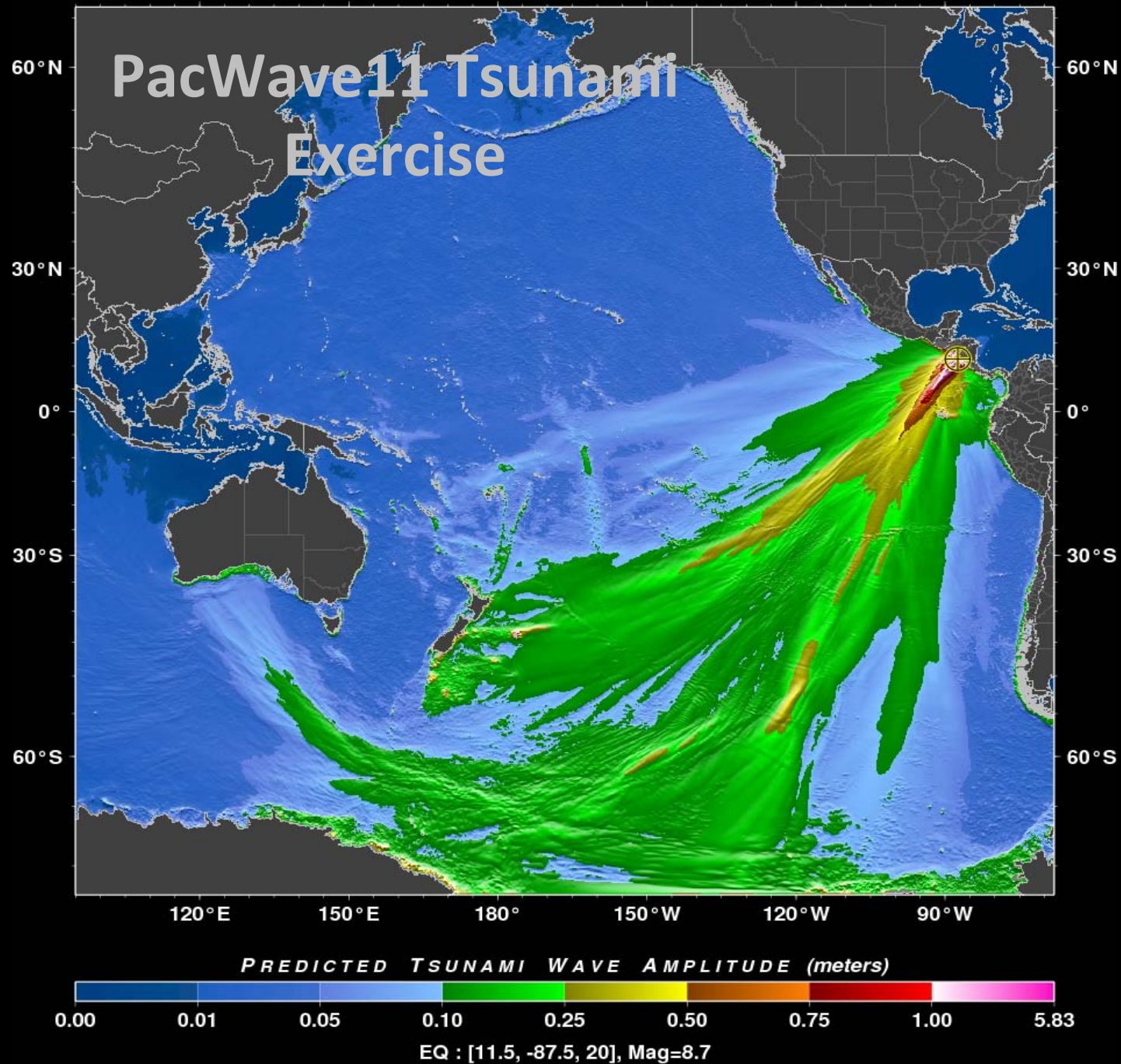
Earthquake: 11/09/2011 1500 UTC 11.5°N 87.5°W h=20km Mw=8.4

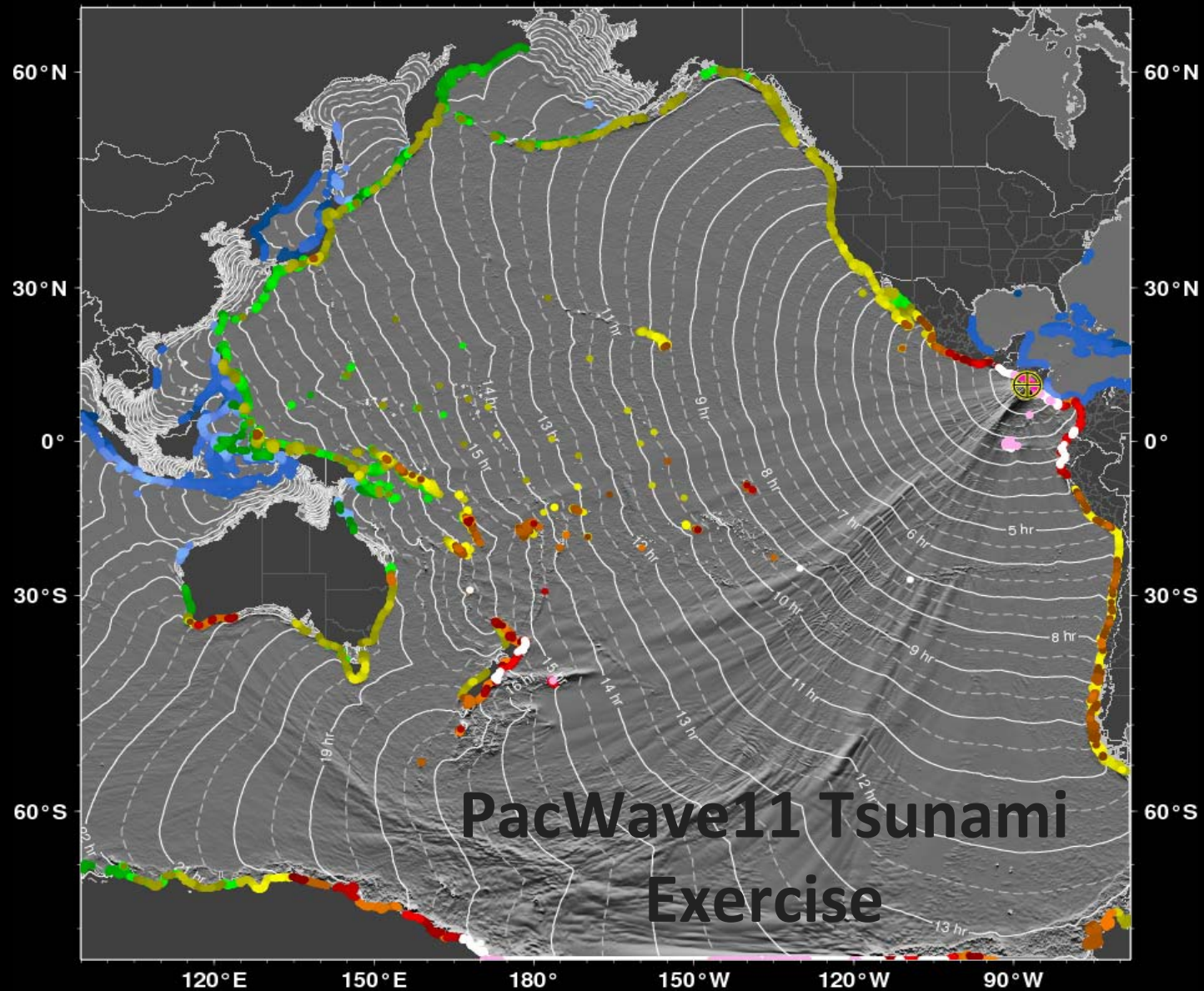
## **PRODUCT #02**

**would be issued at 1545 UTC,  
45 minutes after the earthquake, and  
includes the following 3 maps as part  
of the 2<sup>nd</sup> product suite.**

**Updated Mw=8.7**







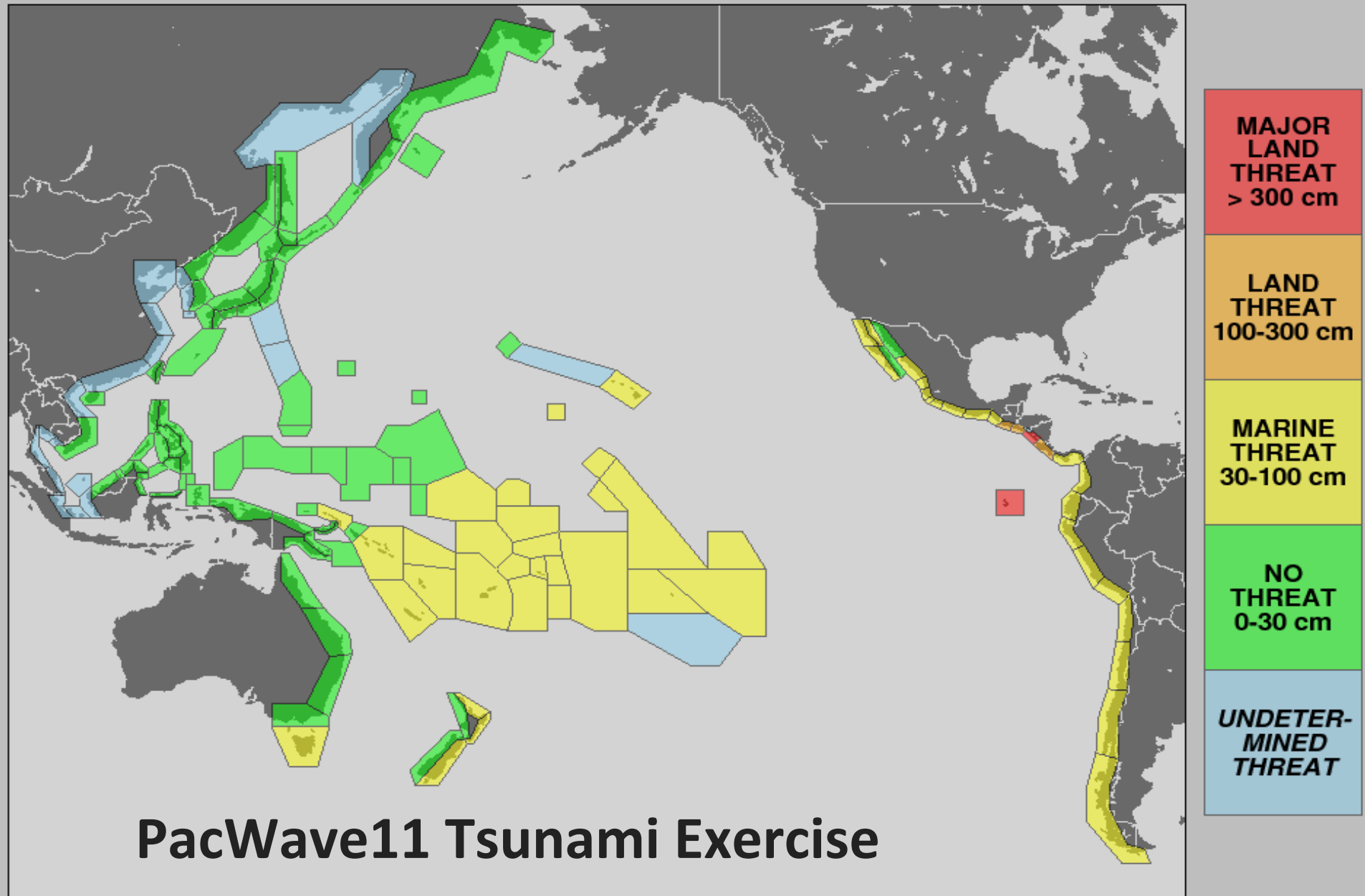
PREDICTED TSUNAMI WAVE AMPLITUDE (meters)

0.00 0.01 0.05 0.10 0.25 0.50 0.75 1.00 2.00 5.00 10.00 10.85

EQ : [11.5, -87.5, 20], Mag=8.7



PTWC Tsunami Threat Level Forecast Number 02 - Issued 11/09/2011 at 1545 UTC

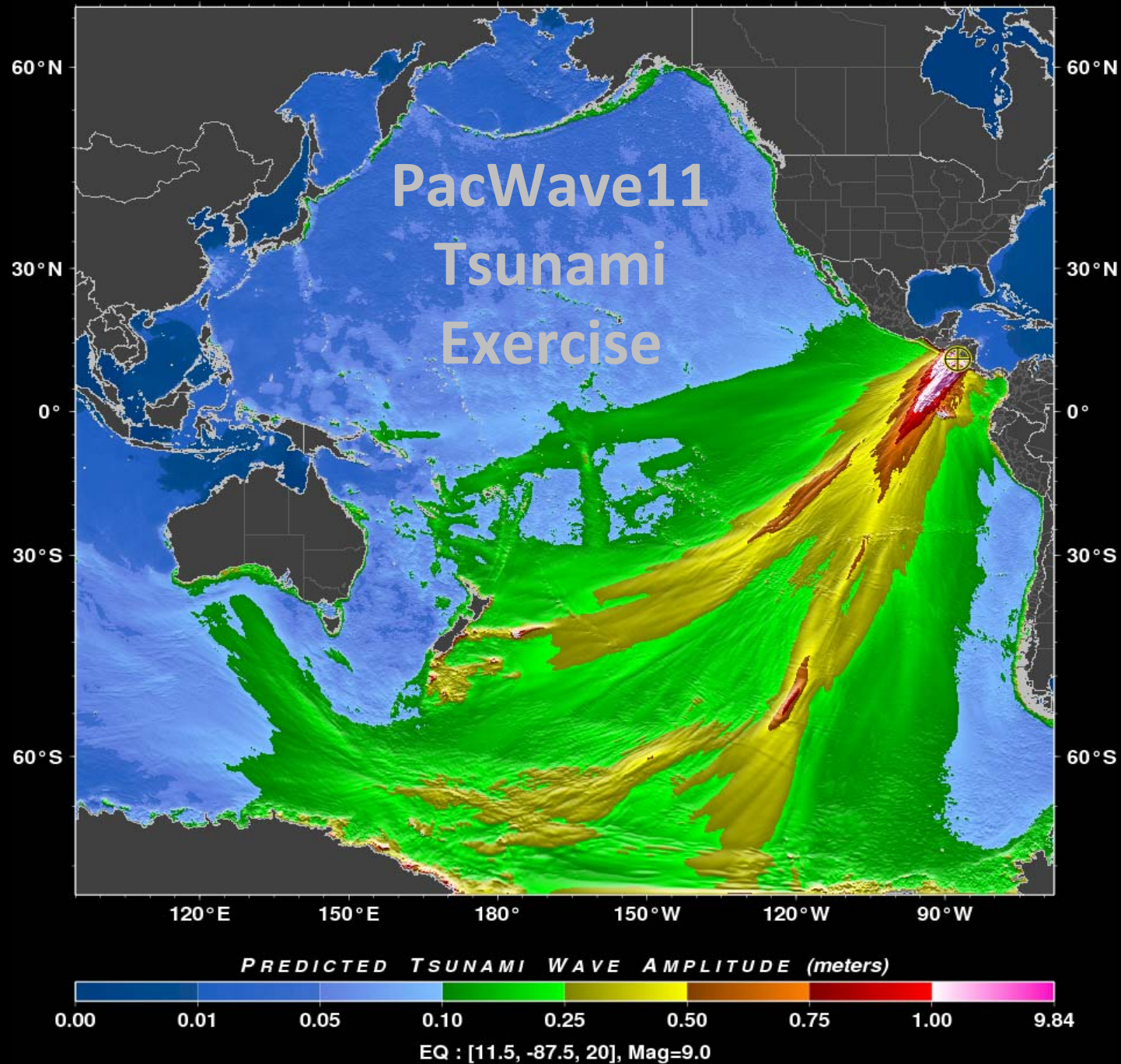


Earthquake: 11/09/2011 1500 UTC 11.5°N 87.5°W h=20km Mw=8.7

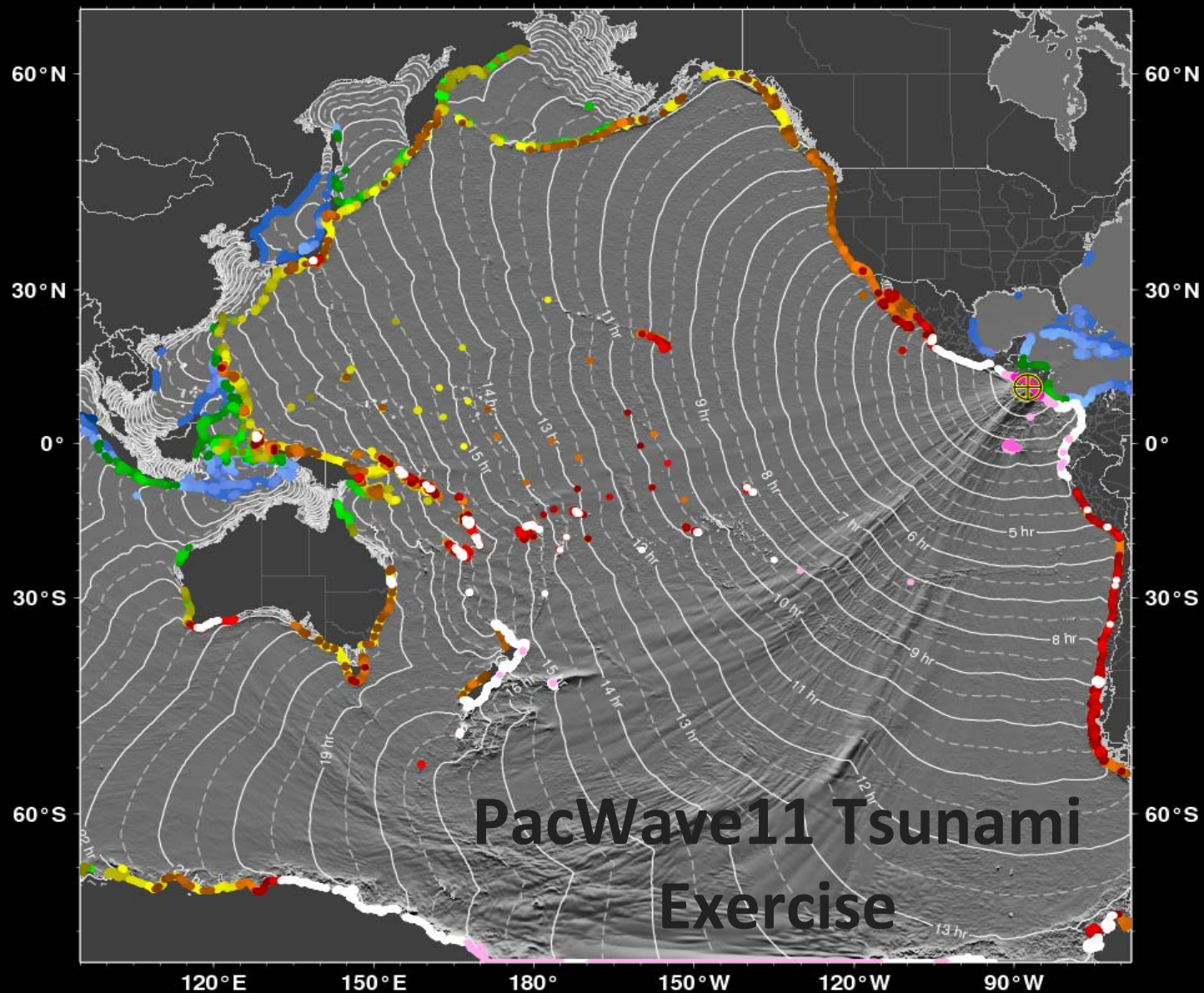
**PRODUCT #03**  
**would be issued at 1645 UTC,**  
**105 minutes after the earthquake,**  
**and includes the following 3 maps as**  
**part of the 3<sup>rd</sup> product suite.**

**Updated Mw=9.0**

**The maps do not change further for**  
**this scenario.**







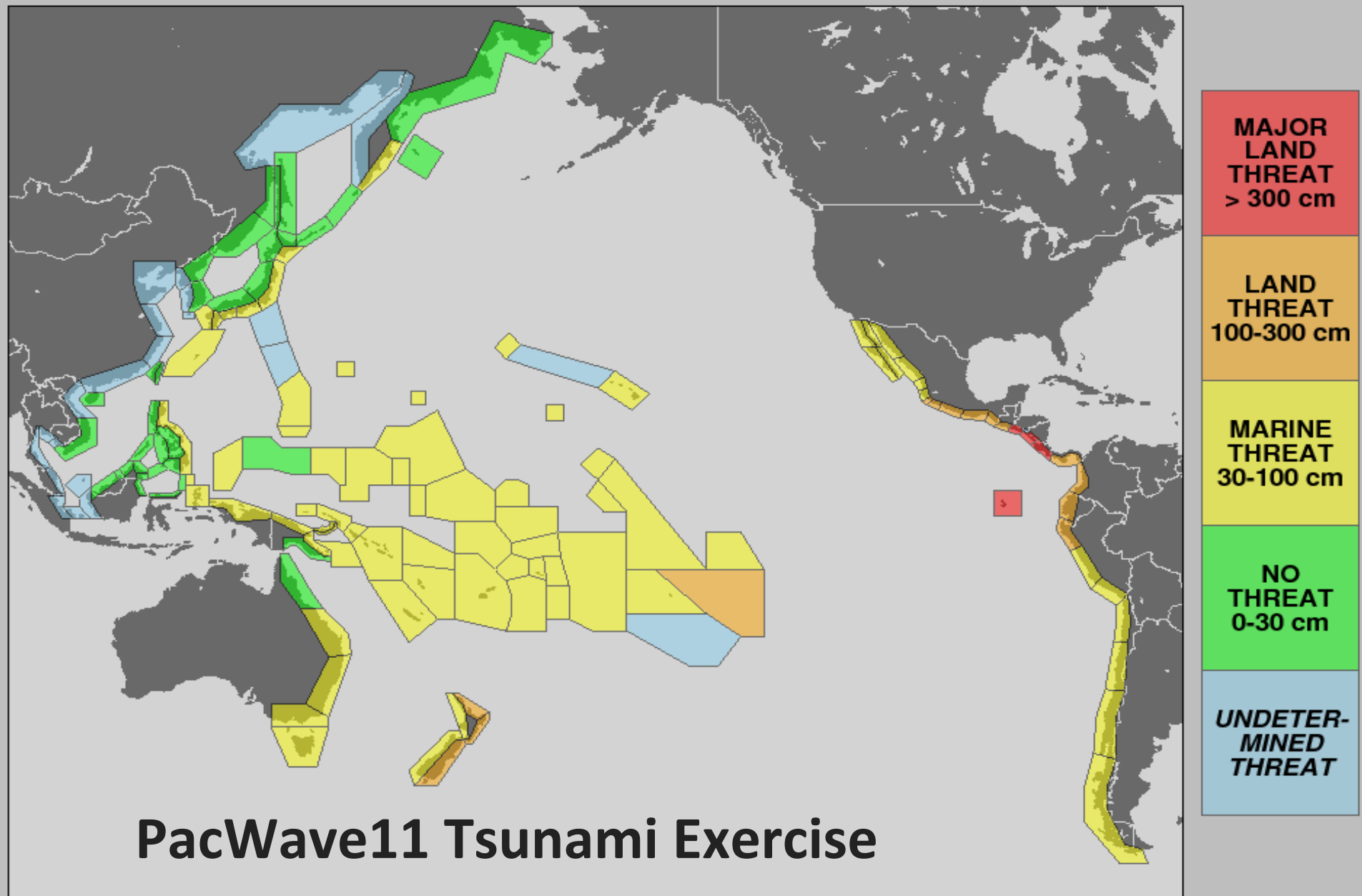
PREDICTED TSUNAMI WAVE AMPLITUDE (meters)

0.00 0.01 0.05 0.10 0.25 0.50 0.75 1.00 2.00 5.00 10.00 16.54

EQ : [11.5, -87.5, 20], Mag=9.0



PTWC Tsunami Threat Level Forecast Number 03 - Issued 11/09/2011 at 1645 UTC



Earthquake: 11/09/2011 1500 UTC 11.5°N 87.5°W h=20km Mw=9.0