DATE: 03/18/2013

REPORT TITLE : A Tsunami Forecast Model for Santa Monica, CA
Comment Review Response Form

General Comments	Action Accepted/ Rejected	Brief Responder Comments
1. Draft document had some inconsistencies in mentioning the number of historical events treated.	Accepted	Inconsistencies when mentioning the total number of historical events tested in the model development were identified and corrected. Total number of tested historical events is 13 as reflected in Table 1.
2. Several errors/omissions in reference list. Various typos pointed out and suggestions for wording changes in text and captions.	Accepted	The errors and omissions pointed out to the author in the Reference List have been fixed.

Specific Comments *(Field will expand upon reaching the end of each line)*	Action Accepted/ Rejected	Brief Responder Comments
1. Draft did not mention the tidal range at Santa Monica.	Accepted	Section 3.2 of the manuscript now mentions that the tidal range in Santa Monica Bay is approximately 2 m.
2. Queried lack of inundation of area south of Marina del Rey in CalEMA tsunami charts where flooding in the forecast model is not uncommon in large synthetic events. Suggested verification that optimized bathymetry did not lower a dyke in that area.	Accepted	The Reference and Forecast Inundation grids (Grids C) have been inspected for inconsistencies. All dykes and embankments have very similar elevation in both models.
3. Suggested explicit mention that Santa Monica Pier is elevated on piles and does not impede the flow. Also identify topo/bathy source for figure 3.	Accepted	Explicit mention of the structural features of the Santa Monica pier has been included in Section 3.2 and Figure 3 caption.
4. Possible errors in Appendix A tables relating to time step and run duration.	Rejected	Appendix A Tables have been checked and they

		have proven to be consistent with development parameters.
5. Suggest highlighting vertical axis range in Figure 56 for the extreme Case 16 scenario.	Accepted	Both the vertical and horizontal access have been emphasized in Figure 56.