**DRAFT MINUTES (needs review by Subcommittee members before posting)**

**MMS Breakout Session, NTHMP Annual Meeting, Portland, OR**

08:00, Wednesday, February 02, 2011

Introductions / In attendance: Rob Witter, Paul Whitmore, Mark Roberts, George Parkes, Jake Hinz, Stephen Dickson, Juan Horrillo, Stephan Grilli, Susan McLean, Tim Walsh, Rick Wilson, Victor Torres, Scott Thurston, Dan O’Brien, Adam Stein, Vasily Titov, John Goeke, Roger Hansen; Not present: Al Javios, Aurelio Mercado, Bill Knight, Fai Cheung

1. March Benchmark Workshop – Final logistics discussion
* Sue introduced the purpose of the workshop specified by the Tsunami Education and Warning Act.
* Reviewed list of participants. Note: Hong Kie Thio of URS will be validating a hydrodynamic model used for probabilistic tsunami hazard assessments
* Total attendees: 23 (including Costas)
* Collaboration among the modelers at the meeting and mutual sharing of code will be encouraged. The question was raised: If a model is benchmarked at the workshop, will it then be shared with the NTHMP modeling community? The act of participating in the workshop does not require that the participant’s code will be required to be in the public domain. We cannot require modelers presenting codes not used for NTHMP tsunami mapping to “share” their code.
* The runup data for the Okushiri field benchmark has not been located. Vasily offered to have the data digitized by PMEL staff. Data will be posted to PMEL website.
* An alternative (optional) field benchmark will be identified from among the following (finalized through email by modeling team - -DUE end of February):
	+ Samoa – a complicated source raises issues
	+ PNG – published source; however, poorly constrained but would offer an underwater landslide field case
	+ Long-distance propagation on a sphere using DART data for the Rat Island tsunami – good for forecast models
	+ Indian Ocean tsunami case is problematic because there have been so many source models developed.
1. Juan’s update on April Landslide-Tsunami Workshop
* ~20 attendees will present models simulating tsunamis using landslide sources
* Airport recommended: Houston-Hobby regional airport
* Alternative for people coming from PR or outside US is to fly into Bush International and rent a car
* Alternative for people flying from AK is to fly to Dallas and then to Houston-Hobby airport
1. Review National DEM priority list
* Completed: Santa Monica, Juneau, Tatitlek, Chenega, San Francisco Bay, and Southern Oregon / Northern Cal
* Underway: Matagorda Bay, Unalaska, Gustavus, Hoonah, and Elfin Cove
* San Juan Islands DEM may include proprietary multi-beam data (Gary Green)
1. Membership
* To respond to a recommendation in the NAS report, the subcommittee passed a motion to ask the NTHMP CC to invite a USGS representative to join the MMS to provide expertise on tsunami sources. Sue, Rob, and Rick to wordsmith language to this effect for recommendation to CC.
* How will a new member be paid for? Would the NTHMP budget cover this additional expense?
1. Propose new co-chairs
* MMS recommends Rick Wilson as the new State co-chair to the subcommittee
* NOAA has identified Bill Knight to succeed Sue McLean and assume co-chair position through the duration of the benchmark workshop; Bill will probably step down in May when he retires. At that time, NOAA will identify a replacement for Bill.
1. 2011 Workgroup Meeting – agenda items, when, where
* When: A date will be found in the second half of August; Rob will set up a Doodle poll
* Where: Boulder
* Draft AGENDA:
	+ Identify coastal regions that are / will be mapped by Sept 2012
	+ Identify process and plan to establish inundation zones for non-modeled regions
	+ Review and wrap up Benchmark Workshop results & publication
1. Notes and other business
* Please add Victor R.H. Torres to email list: victor.torres@bsp.guam.gov
* Adam Stein expressed interest in the Guidelines documents prepared by the MMS. He requested that we (Sue?) email him latest versions: adam.stein@noaa.gov
* Aurelio Mercado was not informed of the meeting.

Actions to Present to CC:

1. MMS recommended nominations for new co-chairs: Rick Wilson and Bill Knight.
2. MMS recommends a change in the subcommittee that increases membership to 13. In response to the NAS recommendation for NOAA and NTHMP partners to assess the sources of tsunamis that threaten the US and its territories, the MMS is requesting that the CC ask the USGS to identify a tsunami source expert to join the Subcommittee.
3. MMS provides the CC with draft document: Guidelines and Best Practices to Establish Areas of Tsunami Inundation for Non-Modeled or Low-Hazard Regions.
4. MMS requests the CC to review and consider approving the document submitted at the 2010 Annual Meeting: Guidelines and Best Practices for Tsunami Inundation Modeling for Evacuation Planning.
5. In an interest to minimize costs, MMS is planning future annual meetings and technical workshops based on the proposed budget. MMS will work with NWS to cover travel expenses at the original proposed costs but acknowledges that these costs may increase and will need to an additional USGS subcommittee member.

Adjourned: 10:00

*[2-4-11 Incorporates comments from Aurelio, Juan… no other comments.]*

Appendix: Participants and contact information

Name Affiliation Email

Co-Chairs

Sue McLean NOAA / NGDC susan.mclean@noaa.gov

Rob Witter DOGAMI rob.witter@state.or.us

Voting Members

Bill Knight (not present) WCATWC william.knight@noaa.gov

Rick Wilson CA Geol. Survey rick.wilson@conservation.ca.gov

Roger Hansen UAF roger@giseis.alaska.edu

Jim Kirby (not present) U Delaware kirby@udel.edu

Juan Horillo Texas A&M horrillj@tamug.edu

Fai Cheung U Hawaii cheung@hawaii.edu

Aurelio Mercado (not present) Puerto Rico aurelio.mercado@upr.edu

Tim Walsh Wash DNR tim.walsh@dnr.wa.gov

John Goeke ASDHS / AMSAM goekejohn@gmail.com

Al Javios (not present) US Virgin Islands alj7bari@viaccess.net

Others in attendance

Vasily Titov NOAA / OER Vasily.titov@noaa.gov

Paul Whitmore (for Bill Knight) WCATWC paul.whitmore@noaa.gov

Mark Roberts AKDHS & EM mark.roberts@alaska.gov

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Jake Hinz Naval Meteorology & Jacob.hinz@navy.mil

 Oceanography

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