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April 1998 Tsunami Inundation Mapping Progress Report

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NOAA/PMEL/TIME

ALASKA

I. SUMMARY OF MAPPING STATUS

On 23-24 March 1998, site visits and exploratory meetings were conducted on Kodiak Island, Alaska, for the purpose of evaluating Kodiak regional needs for tsunami inundation maps. Three communities were identified as the highest priority:

1. Kodiak City
2. USCG Base
3. Women s Bay

Dr. Roger Hansen and Dr. Elena Troshina (U. Alaska, Fairbanks) were invited to submit a proposal for the inundation modeling simulations. This proposal has been submitted and is now in review.

A detailed summary of the site visits, meetings, and critical tasks to be performed has been distributed by e-mail to all Steering Group members and is also posted on the [NTHMP site](#).

CALIFORNIA

I. SUMMARY OF MAPPING STATUS

On 17 February 1998, a Planning Meeting was held at the California Office of Emergency Services in Oakland. Two areas were identified as top priority:

1. Santa Barbara / Ventura Counties
2. Francisco / San Mateo Counties

Costas Synolakis (USC) has been invited to submit for review a proposal to perform the inundation modeling simulations for these areas. Three other high priority areas were identified for modeling, time and resources permitting.

1. Humbolt and Del Norte Counties (Eureka and Crescent City)
2. San Diego County (South of Oceanside to San Diego Bay)

3. Santa Monica, Los Angeles, Ventura Counties

A more detailed summary of the meeting is under review by meeting participants and, once approved, will be distributed to the Steering Group and posted on the NTHMP web site.

OREGON

I. SUMMARY OF MAPPING STATUS

- Siletz Bay - Note that this work was done pre-NTHMP support, completed in 1995 by Priest et al. and published as GMS-99 by DOGAMI. It is included in this list simply for completeness.
- Yaquina Bay (Newport) - Completed December 1997 and published as DOGAMI Report IMS-2 and Open-file report O-97-34.
- Seaside - The modeling has been completed. A draft inundation map has also been completed and reviewed, and is now undergoing final revision.
- Gold Beach Numerical grid completed. Modeling in progress.
- Warrenton-Astoria Numerical grid near completion. Digitizing of topography in progress and near completion (31 of 36 sheets completed).

WASHINGTON

I. SUMMARY OF MAPPING STATUS

- Gray s Harbor area - Regional grid complete. Local grid under construction from newly received topographic data.
- Willapa Bay/Long Beach Peninsula area Regional grid near completion. Topographic data are being gathered.