IMPROVEMENT OF PREDICTED BATHYMETRY

Meeting February 5 and 6 - Scripps Institution of Oceanography
(For directions to SIO, see attached map 1.)

Contact: David Sandwell - cell 858 663 9426 - dsandwell@ucsd.edu
(If you need a parking pass: Park temporarily, Call Sandwell on cell for a pass, and find permanent location).

Attendees:

Bill Rankin	NAVO - Telecon
Jim Braud	NAVO - Telecon
Jim Beale	NGA
Sarah Ingalls	NGA
George Sharman	NOAA
Walter Smith	NOAA
Ron Trimmer	NGA
John VonRosenberg	NGA
Gary Wallace	NGA
David Sandwell	SIO
Steve Miller	SIO
Seung-Hee Kim	SIO

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MEETING LOCATIONS - SIO

1) February 5 - 12:00 - 5:30 PM - Helen Raitt Room, SIO Library.
See attached map for location of Library. Ask at front desk for location of Helen Raitt Room.

2) February 6 - 8:00 - 11:45 AM - SIO 114, (see attached map 2).

3) February 6, 1:00 - 6:00 PM - Sandwell Computer Lab (see attached map 3)

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AGENDA

February 5, 1:00 - 5:30 PM

1) Introductions, Agenda - Sandwell

2) MOU - Trimmer

3) Desired objectives and perceived role of each partner
NGA - Trimmer
NOAA - Smith and Sharman

NAVO - Rankin - Telecon Tuesday
SIO - Sandwell

4) Products and publications
classified products - Trimmer
unclassified products - Smith

5) Bathymetric prediction theory - Smith

6) New gravity models - Sandwell

February 6, 8:00 - 11:45 AM
(NAVO - Telecon 9:00 - 11:00 AM PST)
Meet me number (1-800-882-3610, PIN 0564875) has been reserved for our Improvement of Predicted Bathymetry MOA teleconference on Tuesday February 6 from 1200 EST until 1400 (0900 to 1100 PST).

7) Bathymetry data - shallow to deep
SRTM30 topography - Depner
Shoreline data - Depner
Reef data - ?
NGA Holdings - GEODAS and DNC - von Rosenberg, Wallace
MGD77 and IFREMER - SIO editing - Sharman, Sandwell
Multibeam Grids - Miller, Sharman
Other XYZ - Sandwell, Smith

8) Software
NOAA prediction software - Smith
SIO data exchange and editing - Sandwell
NAVO, SRTM_MASK - Depner

9) Example Predictions - Mercator
V9.2 +/- 72 latitude, 2 min, new gravity old bathymetry
V10.1 +/- 81 latitude, 1 min, new gravity, new bathymetry