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May 21, 2014

Jenifer Austin Foulkes
Google Inc.
1600 Amphitheatre Parkway
Mountain View, California 94043

Dear Jenifer,

We have completed the second phase of our project "A New Global Predicted Bathymetry Synthesis for Google Maps & Earth". This new grid is based on the latest V22 global gravity model as well as all the new multibeam soundings at NGDC. In addition we have added soundings from an AGSO compilation around Australia as well as GEOMAR soundings in the Southeast Pacific and Cape Verde Islands. We originally scheduled the delivery of this version for March 1, 2014 but delayed the completion to have the grid reviewed by Karen Marks at NOAA.

The data and results should be copied from the following ftp site.

ftp://topex.ucsd.edu/pub/sandwell/google/02_delivery

README.V10.0.txt – Explains data format and improvements of V10 with respect to previous versions.

SRTM30_PLUS.kmz – Google Earth overlay showing bathymetry and sounding constraints.

topo30.grd – Global topography and bathymetry for V10.0 of SRTM30_PLUS.

topo30_sid.grd.gz – Global map showing source identification (SID) number for each bathymetry cell.

sid_filelist_V10.txt – Metadata for each of the 9241 source bathymetry files used in V10.

During the next phase of the project we will develop a grid at 15 arc seconds resolution and plan to deliver this in September, 2014.

The SRTM30_PLUS team,

Christopher Olson Amber Jackson JJ Becker David Sandwell