Subject: plot irregularly gridded map data
Posted by Tom Spisz SRM on Wed, 04 Aug 1999 07:00:00 GMT
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<P>I have an irregularly gridded latitude/longitude data set. Although
the data is in a polar (radius, azimuth) format like a radar swath, I have
the exact lat/lon position for each point. I cannot plot the data
using map_image because that requires a regular grid. I used map_patch
successfully on small portions of the data. Unfortunately, any attempts
to plot larger portions of the data using map_patch result in the error:

 % TRIANGULATE: Points are co-linear, no solution.
% Error occurred at: MAP_PATCH   &
amp;nbsp;
181
  /usr/local/rsi/idl_5.2/lib/map_patch.pro

Does anyone know:

  a) how to plot this type of "radar swath" data onto a map?

or

  b) how to sort the data in a way to work around the problem
of "co-linear" points?
<PRE>-- Tom Spisz
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