Subject: Re: converting Lat/Long to UK Ordnance Survey National Grid Reference (NGR)
Posted by Ben Tupper on Wed, 15 Sep 1999 07:00:00 GMT
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<!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
Paul Morris wrote:
<blockquote TYPE=CITE>I was wondering if anyone had an IDL routine available
to take latitude and

longitude co-ordinates and convert them to UK Ordnance Survey Eastings
and

Northings? I have found some C code to do the conversion but was hoping
to

avoid using CALL_EXTERNAL if I possibly can! I have searched for a
suitable

IDL library or user-written routine but with no success.

 </blockquote>

<p>
I have written some code for converting from Lat/lon to UTM False
Eastings/Northings for NAD27 and WGS84 (NAD83) map datums. You welcome
to have them if useful to you. In any event, you should get your
hands on this reference: Snyder, J.P., "MapProjections Used by the U.S.
Geological Survey", 2nd ed., Geol. Survey Bulletin 1532, 313pp, U.S. Government
Printing Office, Washington, DC, 1982.   It has detailed
explanantions of mapping datums and conversion methods.   I don't
recall if it has info on mapping systems used outside of North America.

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