The Plymouth Student Scientist - Volume 02 - 2009

The Plymouth Student Scientist - Volume 2, No. 2 - 2009

2009

How effective can GSM signals, using DCM, be as an aid to coastal navigation?

Brewer, C.

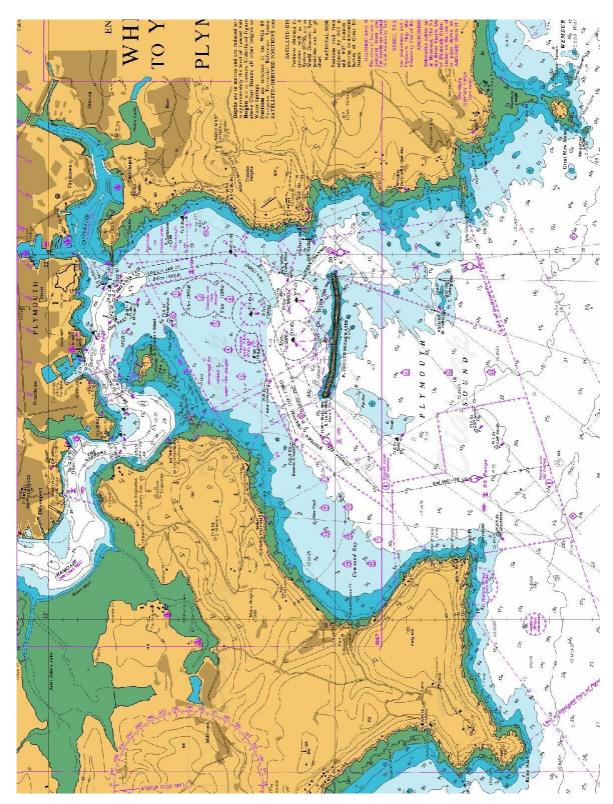
Brewer, C. (2009) 'How effective can GSM signals, using DCM, be as an aid to coastal navigation?', The Plymouth Student Scientist, p. 170-198. http://hdl.handle.net/10026.1/13877

The Plymouth Student Scientist University of Plymouth

All content in PEARL is protected by copyright law. Author manuscripts are made available in accordance with publisher policies. Please cite only the published version using the details provided on the item record or document. In the absence of an open licence (e.g. Creative Commons), permissions for further reuse of content should be sought from the publisher or author.

APPENDIX A - Project Progress Gantt Chart

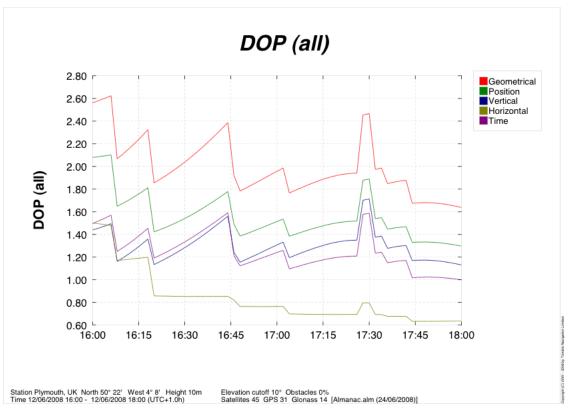
| | 2008 | | | | | | | | | | | | 2009 | | |
|------------------------------|------|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-------|
| Task | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| Initial Research | | | | | | | | | | | | | | | |
| Initial Testing | | | | | | | | | | | | | | | |
| Project Proposal Write-up | L, | | | | | | | | | | | | | | |
| Project Proposal | Dead | dline: | 14/3 | | | | | | | | | | | | |
| On-Going Research | | | | | | | | | | | | | | | |
| Data Collection | | | | ₽ | | | | | | | | | | | |
| Data Analysis | | | | | | | ╘ | | | | | | | | |
| Write-up (1st Draft) | | | | | | | | L→ | | | | | | | |
| Review and Amend | | | | | | | | | ╘ | | | | | | |
| Final Write-up | | | | | | | | | | ╘ | | | | | |
| Reserve Time | | | | | | | | | | | ╘ | | | | |
| Final Deadline | | | | | | | | | | | | | Ļ | 2 | /4/09 |



APPENDIX B - Admiralty Chart of Plymouth Sound Area

Chart: © Crown Copyright/SeaZone Solutions Ltd. [2007]. All Rights Reserved.

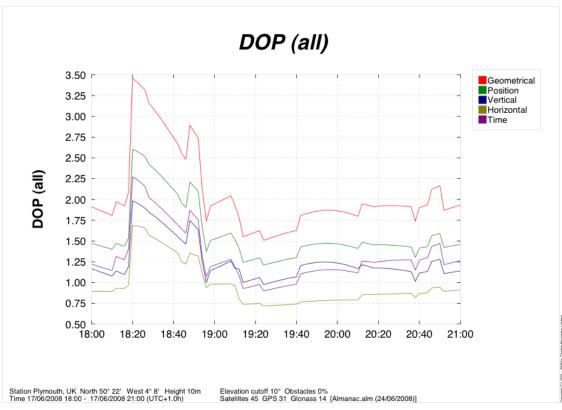
Mercator Projection. Not to be used for Navigation.



APPENDIX C - GPS Dilution of Procession (DOP) During Data Collection

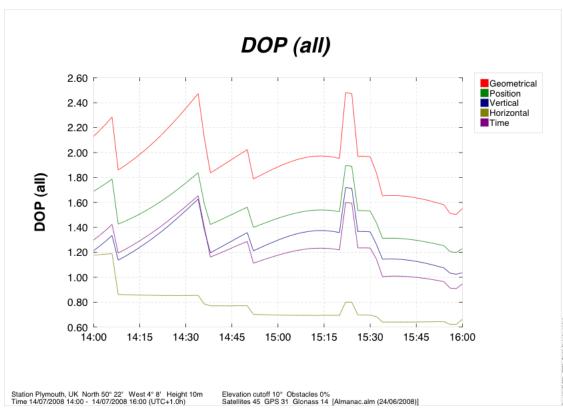
12 June 2008

Copyright 2001 – 2008 by Trimble Navigation Ltd.



17 June 2008

Copyright 2001 – 2008 by Trimble Navigation Ltd.



14 July 2008

Copyright 2001 – 2008 by Trimble Navigation Ltd.

DOP data is from Trimble GPS Planning Software: http://www.trimble.com/planningsoftware.html