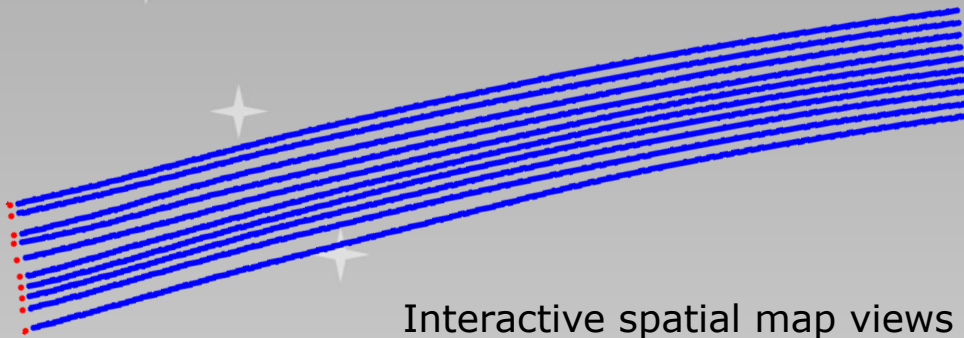


GeoMetis PXCheck

P1 and P2 data format checking system

GeoMetis PXCheck carries out format compliance checks on UKOOA P1 and P2 plus OGP P1/11 and P2/11 data files. P1 and P2 are the standard data formats used on marine towed streamer, ocean bottom and transition zone seismic surveys.



Interactive spatial map views of the data provides the user with additional tools for analysis

```
001 12.50 0 01
```

```
1000 297.0000000  
1000 298.2572236  
0.1560 -1.2000
```

16000000

```
13 012  
006 13 13 240  
007 13 13 240  
007 13 13 240  
007 13 13 240  
007 13 13 240  
006 13 13 240  
10 005 04  
10 005 04  
10 004
```

1	FORM HMMO1
	If geographical co-ords:
2	Latitude of point
3	Longitude of point
	If cartesian co-ords:

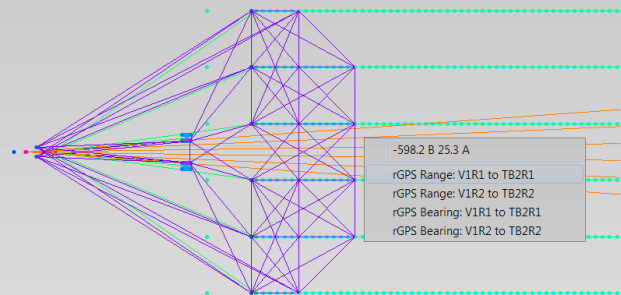
Messages

----- Format Check Results -----

Record "Start Day" is not recorded in Line "H"

Record "Source" is not recorded in Line "H0"

Record "Zone Number" is not recorded in Line "H0"



PXCheck allows the user to check the P1 and P2 data and data format for compliance and errors as well as visualise the data for evaluation. It is an invaluable tool for anyone working with P1 and P2 navigation data files.



PXCheck

Applications

- ◇ Quality control by Client Representatives
- ◇ Office tool for data evaluation (from planning to sales)
- ◇ At a processing centre for fast cost effective problem identification
- ◇ For training personnel in understanding the data and the formats
- ◇ At tape libraries as part of the data storage function

Features

- ◇ Runs on Laptop or Desktop computers
- ◇ Small physical footprint
- ◇ Intuitive software, easy to learn and use
- ◇ Check files for UKOOA and OGP format compliance
- ◇ Locate format errors and compare record by record with data format description
- ◇ List format errors and allow the user to mitigate and report upon the results
- ◇ Format listing, parsing of data and data selection by node and identifier
- ◇ Easily view and interact with P1 and P2 files
- ◇ Manage and interact with files from a whole survey
- ◇ View P2 header parameters using an interactive graphical display
- ◇ View P1 data as a spatial map, and play it through the line using video functionality
- ◇ Extract specific records and save into a file for analysis

Requirements

Operating System Hardware

Microsoft Windows XP / Vista / 7 / 8 / 10
Runs on 32 and 64 bit machines

P1 and P2 formats courtesy of the United Kingdom Offshore Operators Association (UKOOA) and OGP
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