MultiStudio QC

Provides various levels of QC analysis and display
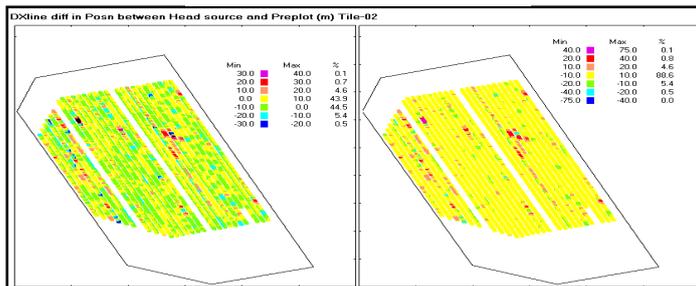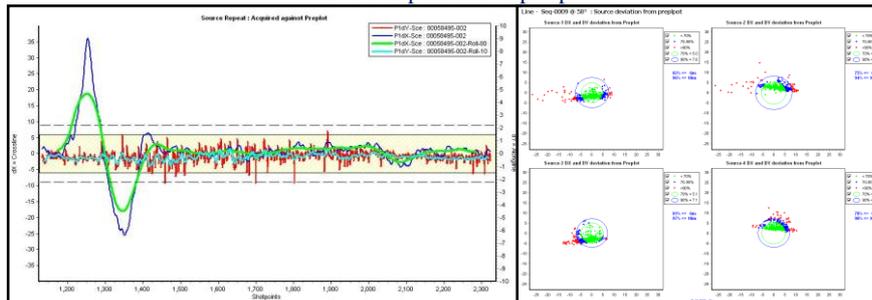
attribute maps – what-if

source comparisons to pre-plot

MultiStudio QC

Probably the most comprehensive and versatile suite of QC tools available

MultiSeis Programmes Ltd   MultiStudio QC - overview

MultiSeis Programmes Ltd

Developers of unique, versatile, software.

Supplying to the oil & gas industry for over a decade.

Excellent reputation for innovative software and rapid support.

48 Gunton Drive
Lowestoft
Suffolk
NR32 4QB
United Kingdom

Phone: +44 (0)1502 530504
E-mail: info@multiseis.com
Web: www.multiseis.com

Operation
Can be interfaced to the MultiSeis Manager or be used as a standalone QC tool.

Comprehensive Unique and Versatile
Many unique tools including 4D analysis, Wide and Multi azimuth, Coil survey, Broadseis surveys.

Comprehensive data gather
Gathers a multitude of QC attributes from navigation, seismic and other systems for entire survey (current meters, weather stations, DGPS systems etc).

Unique and Comprehensive data visualisation
Provides many data display tools, some are unique. Time-series by sequence or by survey, Attribute maps customised to data, Custom displays for streamer channel noise, Custom displays for 4D repeat, Wide-Azimuth display. Too many to mention.

Hardware (optional)
Can be supplied with high-spec laptop, external disc backup and robust carry case.

Web Viewing
A detailed set of plots can be provided to MultiSeis Live for viewing via the web.

Import

Analyse

Summarise

Present

MultiPlot

MultiSeis

MultiStudio QC – Compiles an attribute dataset with versatile analysis/QC tools

- **Broad Scope** when licensed with the MultiSeis Manager, covers project management and reporting, navigation and seismic QC.

- **Comprehensive** Checks QC attributes for every shot of a survey, not just a subset.

- **Imports** Can import attributes from a multitude of inputs P294, P190, Orca SBS, current meter etc....

- **Navigation QC** Checks processed position data (P190/SPS) against raw data (P294), quick turnaround with definitive results unlike parallel processing.

- **Seismic and other QC** Receiver noise, source timing, source comparison, fin angles, streamer depths, current meter etc.

- **Custom displays** Includes many displays designed to meet specific requirements of field QC, e.g. mapping of any attribute, receiver separation and depth at all offsets.

- **Additional tools** Includes those designed specifically for 4D and multi azimuth surveys.

- **What-if** tools for "what-if" situations, e.g. to easily assess if contract specified tolerances are exceeded and whether this is significant.

Channel noise with bird and acoustic locations
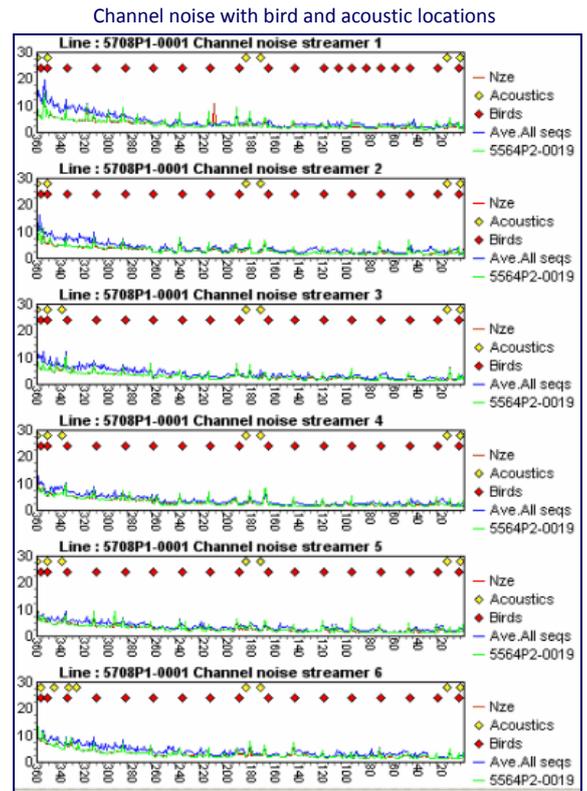
MultiStudio QC – Data Analysis Features
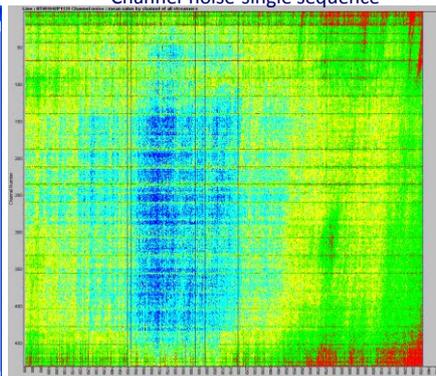
QC plots uploaded to MS live – displayed as thumbnails until selected

- **Auto generation** Scripts to enable automatic generation of summary QC plots (e.g. attribute maps) for high level QC and efficient presentation to project managers ashore.

- **Users/Teamwork** Does not require dedicated user, operated by usual QC team and encourages cross discipline (nav and seis) understanding of acquisition.

- **Integration** Reads information from MultiSeis database to check against project management information.

- **Offline data tools** Tools for offline data 24/7, e.g. current meter, DGPS height – provides improved analyses tools for feather vs. tides.

- **Archive** Provides flat-file attribute dataset for archive.

- **Presentation** QC plots can be uploaded to **MultiSeis Live**

Single cable noise whole prospect	Channel-noise-single sequence	Areal Map any attribute
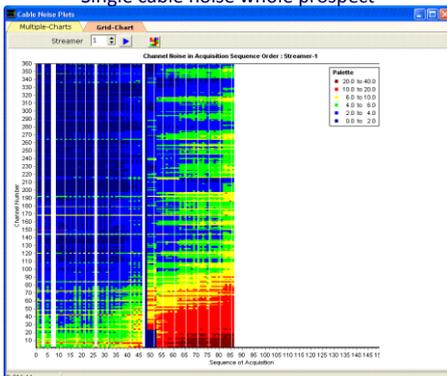
 MultiPlot

 MultiSeis