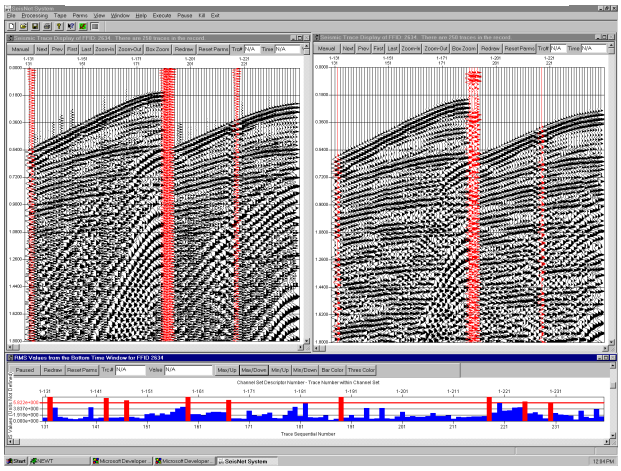
SeisNet™

Introducing SeisNet Version 10 - Windows 7
Seismic Data Quality Assurance

Featuring:

- **Universal recording system compatibility**
- **SEG-D & Y Data Read from network disk**
- **Data display & plotting (V80 + Network)**
- **QC attribute analysis & display**
- **Bad Trace Detection & Highlight**
- **Vertical/Diversity Stacking & Noise Edit**
- **Correlation - Before & After Stack**
- **SEG-D or SEG-Y image to disk output**
- **SPS QC - Error Detection & Correction**
- **Windows 7 (32 & 64 bit) compatibility**

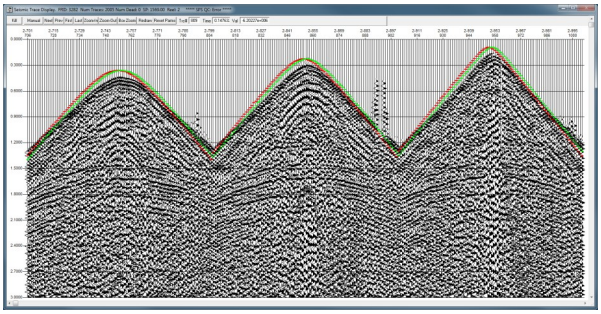
Raw/Filtered Data & RMS QC + Bad Trace Detection



SeisNet's attribute analysis, bad trace detection and display capabilities provide data quality assurance for both real-time and post-recording applications. Display image GIF files created by SeisNet may be distributed and viewed using the SeisNet QC Viewer utility, providing a convenient cost effective, environment friendly alternative to paper plots.

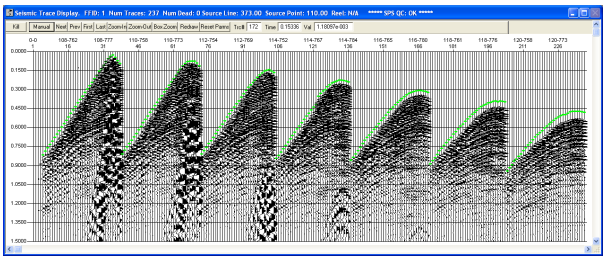
Seismic Support Technology, Inc.
1115 Augusta Drive, #24
Houston, Texas 77057, USA
Phone: 713-266-5075
Email: info@seismicsupport.com
Website: www.seismicsupport.com

SPS Error Detection, Correction + Logging



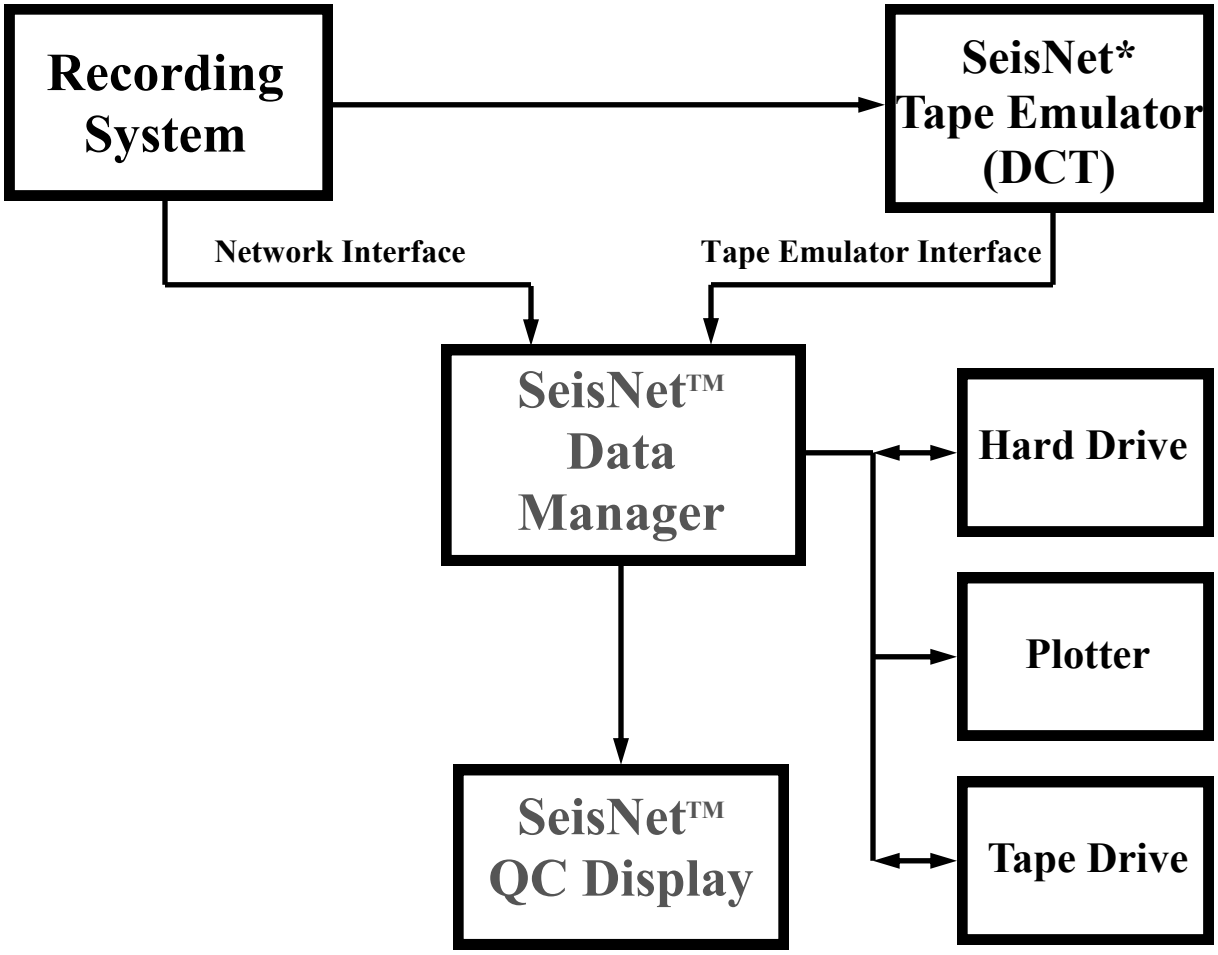
SPS QC

SeisNet's SPS QC module compares the geometry information contained in the SPS dataset with data in the seismic records, creates an error log and corrected X file for efficient data processing. A predicted first arrival display also confirms accurate system deployment.



V80 + Network plotting capabilities and the extensive range of SeisNet's data processing modules enable optimum quality assurance and management of seismic data.

SeisNet is currently in operation worldwide and is the system of choice for a number of major seismic contractors and recording system manufacturers. SeisNet also offers a cost effective alternative to Sercel's eSQC-Pro.



The SeisNet™ System

Input Options

Tape Drive Emulator (40 Mbytes/Sec)*
Read SEG-D or SEG-Y from network.

Processing

Shot Record Display & Plot + Filtering
Amplitude Attribute Analysis/Display
Single Trace Gather Display & Plot
Vertical/Diversity Stack + Noise Edit
Correlation - Before & After Stack
VSP Trace Gather Display
SPS QC-Error Detection & Correction
Bad Trace Detection & Highlight
Marine QC Attribute Database
System 4/Scorpion to SEG-D Tape
GSR SEG-D to SEG-Y

Plotting

V80 Compatible, OYO 612/622/624, HP LaserJet, Isys V12/24 - including V12 network interface.
Display plot GIF file capture & viewer.

Tape Copy - Dual/Quad Write

3480/3490/3590/3592, DLT, LTO, + Hard Disk Archive.

System Compatibility

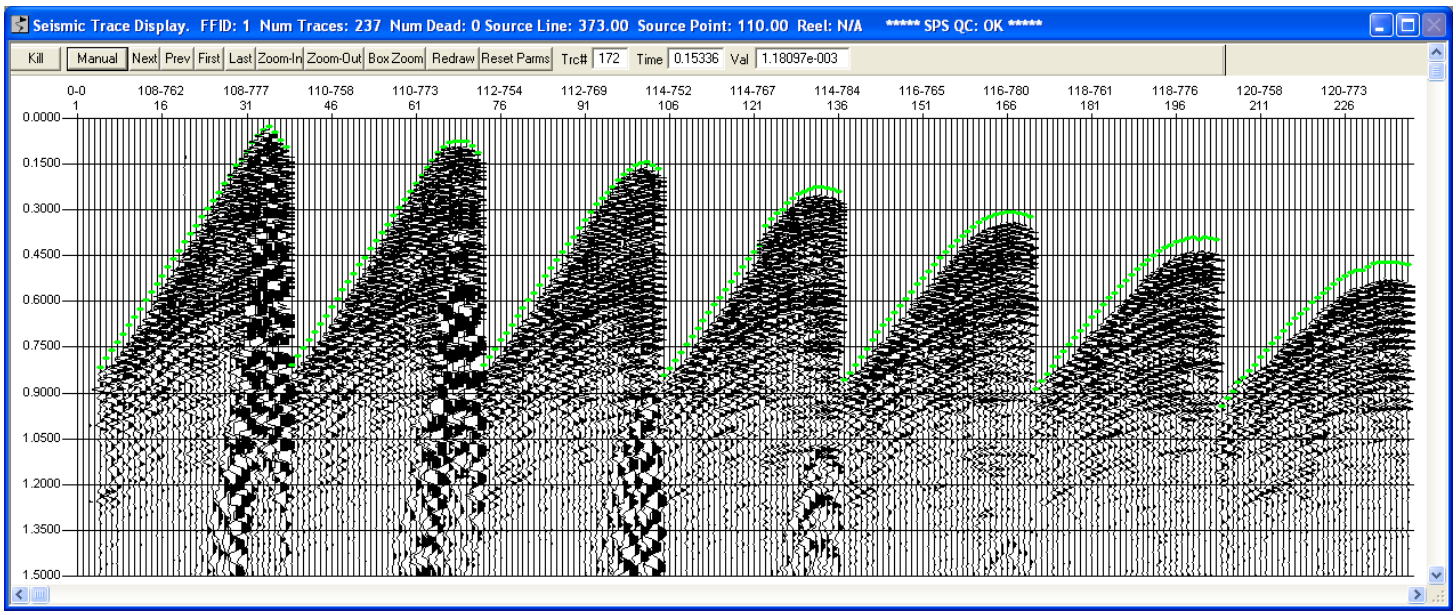
Compatible with all major recording systems including: Hydroscience NTRS2, Sercel 388/408/428/SEAL/ Syntrak, Ion I/O-2/Image/RSR/MSX/ System Four/Scorpion/ARAM-Aries, Fairfield BOX/ZNodal, Geospace GSR/ GeoRes/DAS,
Wireless Seismic RT System 2.

Software

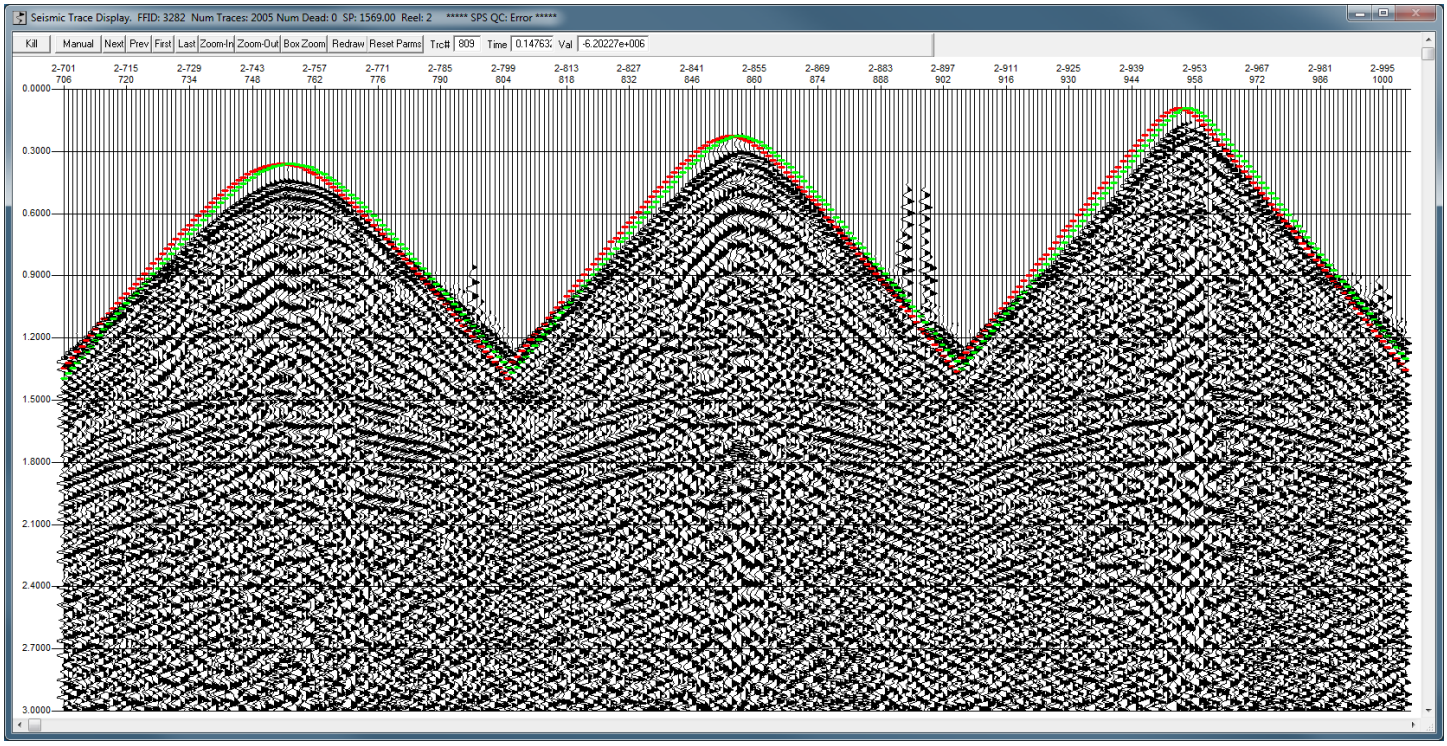
*Tape Drive Emulator – Windows XP only
*NTRS2 is a trademark of Hydroscience Technologies, Inc.
*Focus is a trademark of Paradigm Geophysical
*GeoRes, GSR and DAS are trademarks of OYO Geospace, Inc.
*ProMAX is a trademark of Landmark Graphics Corp.
*I/O 2, Image, RSR, MSX, System Four, Scorpion and ARAM Aries are trademarks of Ion, Inc.
*388/408/428, SEAL, Syntrak & eSQC-Pro - trademarks of Sercel.
*SeisNet is a trademark of Seismic Support Technology, Inc.

SeisNet SPS QC Feature Details

SPS QC Error Free Display



SPS QC Error Display



SPS QC Error Log File

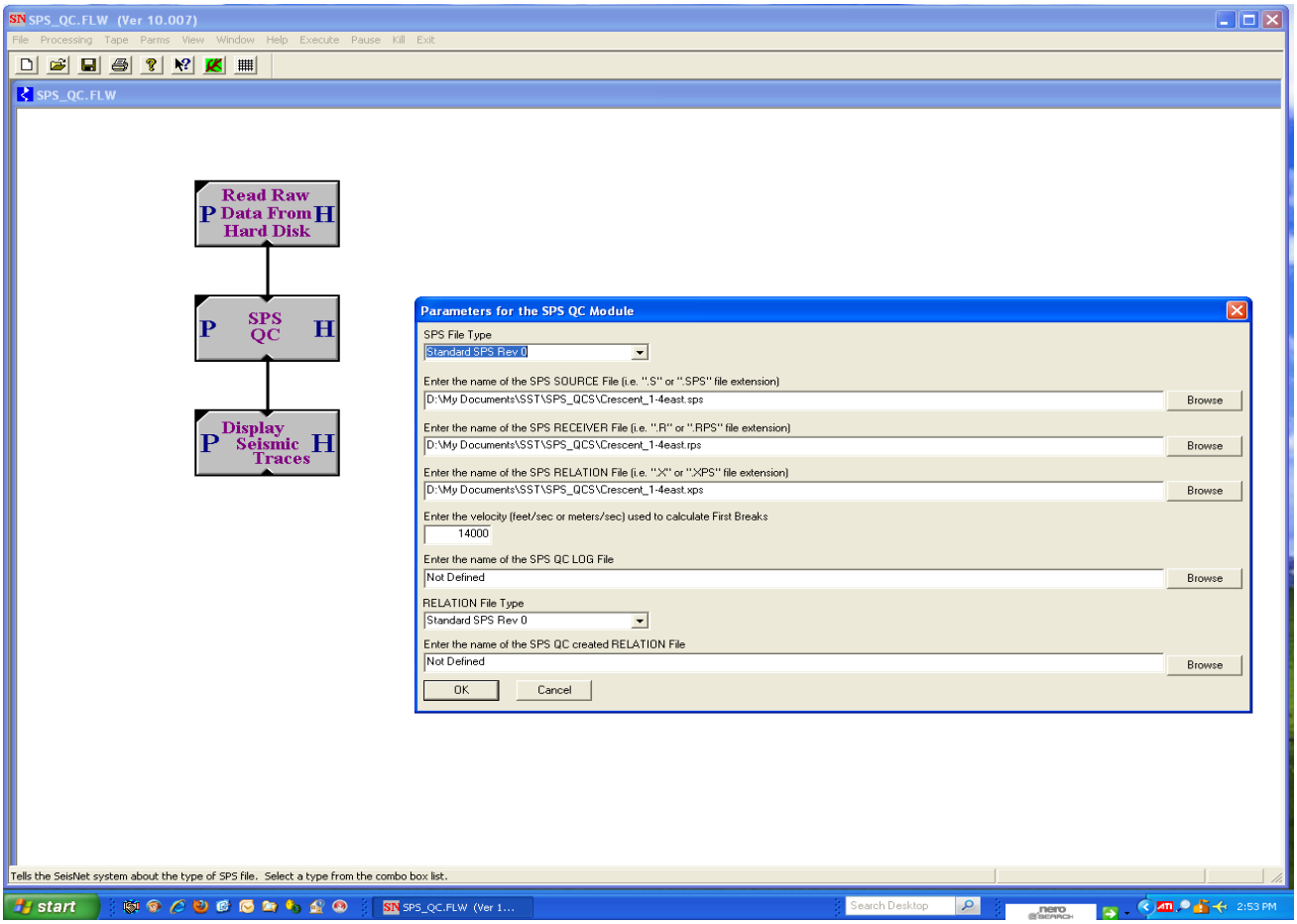
SeisNet SPS QC Feature Details

SPS_QC_Error_Log - Notepad

File Edit Format View Help

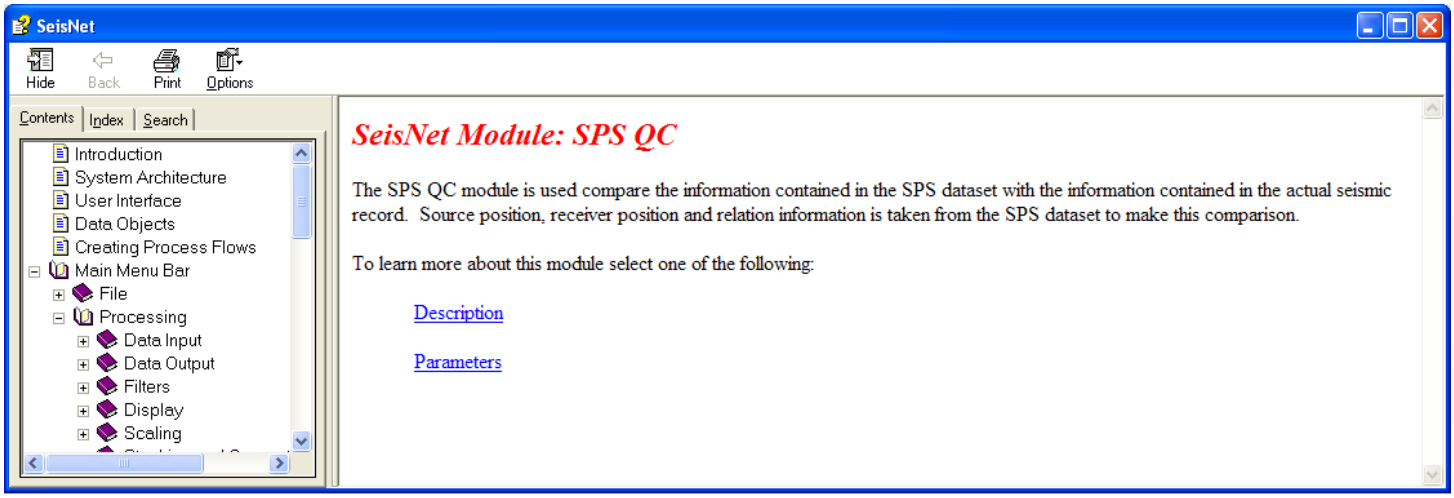
```
LOG FILE FROM THE <SPS QC> MODULE
Creation Date: 01\06\2012 14:57:00

01\06\2012 14:57:00 - FFID: 003282  Source Point: 5643:1569.00
        Trace Counts Match: 2000
        Error 000001:   40 SPS Trace(s) not found in Seismic record.
        Error 000002:   1521:5536     1521:5537     1526:5536     1526:5537     1531:5536
        Error 000003:   1531:5537     1536:5536     1536:5537     1541:5536     1541:5537
        Error 000004:   1546:5536     1546:5537     1551:5536     1551:5537     1556:5536
        Error 000005:   1556:5537     1561:5536     1561:5537     1566:5536     1566:5537
        Error 000006:   1571:5536     1571:5537     1576:5536     1576:5537     1581:5536
        Error 000007:   1581:5537     1586:5536     1586:5537     1591:5536     1591:5537
        Error 000008:   1596:5536     1596:5537     1601:5536     1601:5537     1606:5536
        Error 000009:   1606:5537     1611:5536     1611:5537     1616:5536     1616:5537
        Error 000010:   40 Seismic Trace(s) not found in SPS record.
        Error 000011:   1521:5436     1521:5437     1526:5436     1526:5437     1531:5436
        Error 000012:   1531:5437     1536:5436     1536:5437     1541:5436     1541:5437
        Error 000013:   1546:5436     1546:5437     1551:5436     1551:5437     1556:5436
        Error 000014:   1556:5437     1561:5436     1561:5437     1566:5436     1566:5437
        Error 000015:   1571:5436     1571:5437     1576:5436     1576:5437     1581:5436
        Error 000016:   1581:5437     1586:5436     1586:5437     1591:5436     1591:5437
        Error 000017:   1596:5436     1596:5437     1601:5436     1601:5437     1606:5436
        Error 000018:   1606:5437     1611:5436     1611:5437     1616:5436     1616:5437
```

SPS QC Flow

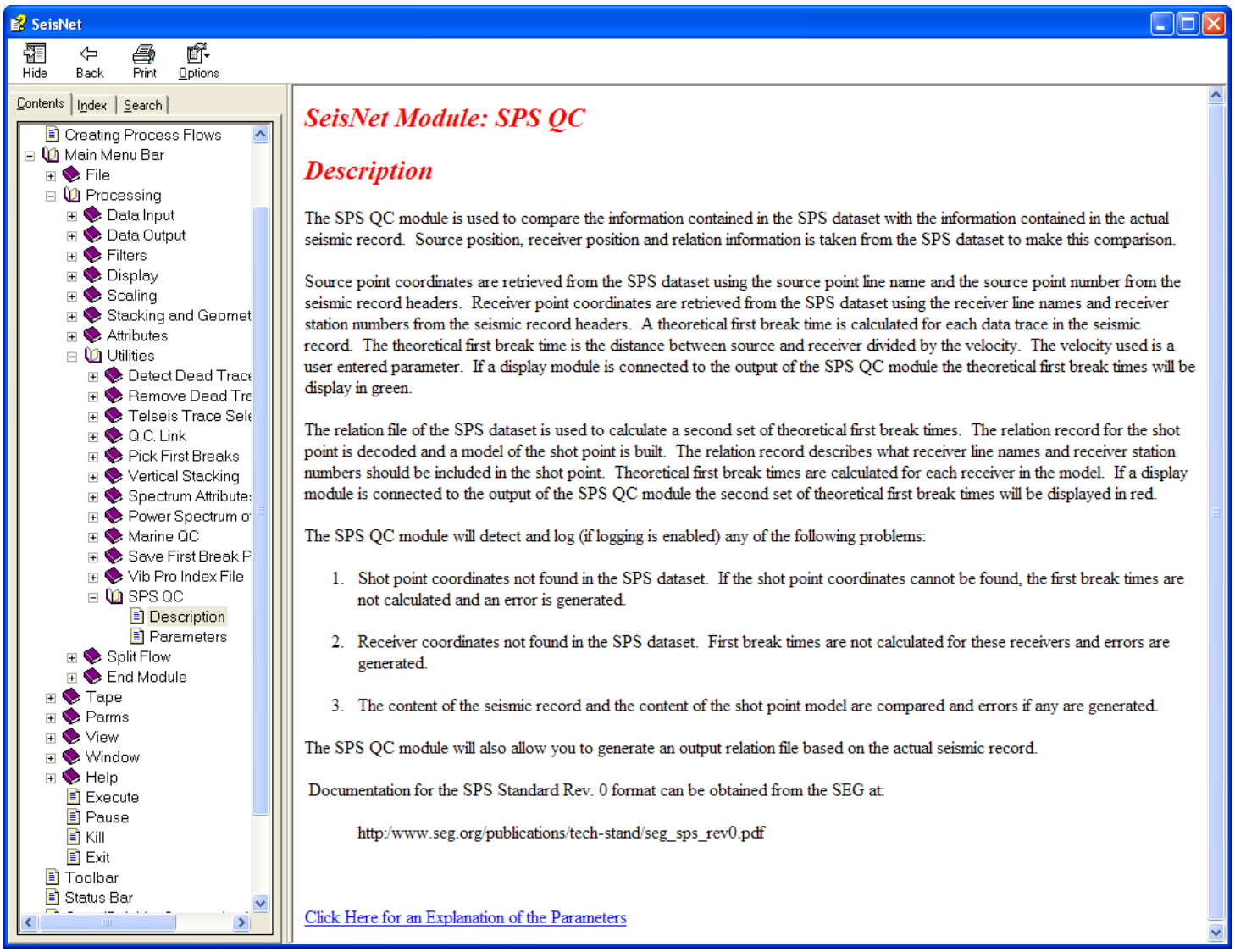


SeisNet SPS QC Feature Details

SPS QC Help File

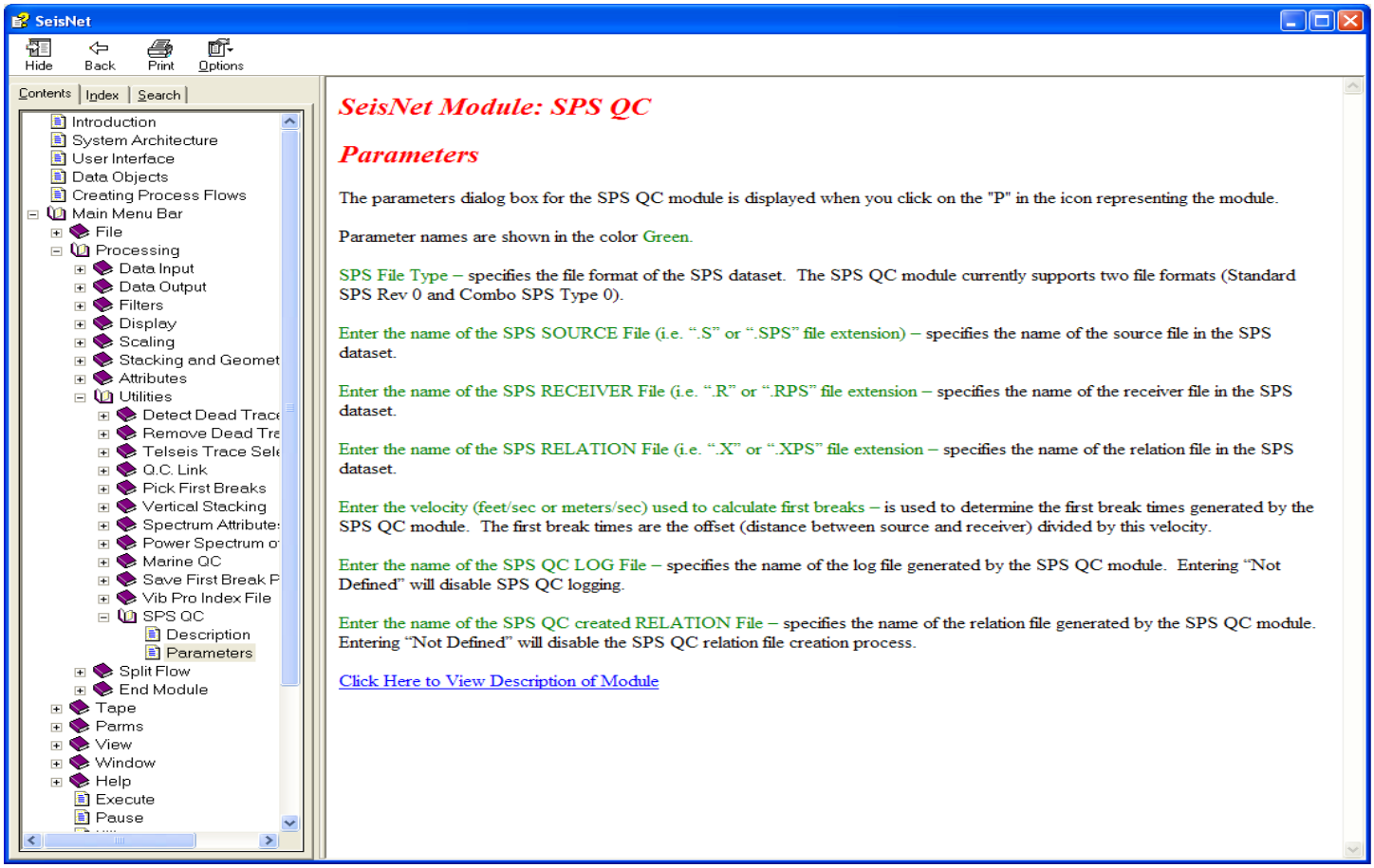


SPS QC Help File - Description



SeisNet SPS QC Feature Details

SPS QC Help File - Parameters



Key SeisNet SPS QC Features

- **Standard SPS Rev.0, Rev.2.1 & Combo SPS Type 0 support**
- **SPS QC Log File creation – Error logging**
- **SPS QC Relation File generation – From Seismic Record**
- **Predicted first break display – SPS Data File (Red) & Seismic Record (Green)**
- **Cost effective alternative to eSQC-Pro***

***eSQC-Pro is a trademark of Sercel**