

QTC

VIEW™

-  BEDROCK
-  FINE GRAVEL
-  COARSE GRAVEL
-  SANDY SILT
-  SILTY SAND

Classification of Single Beam Echosounder Data

QTC VIEW 5.5

- Survey in water depths of less than 1 metre to over 2000 metres
- Simple survey system or sophisticated survey tool



- Patented process for depth compensation
- System logs time-stamped, geo-referenced, raw bipolar waveform data for post-processing in QTC IMPACT
- Wide bandwidth and high-speed acquisition rates

Acoustic remote sensing systems to map bottom type in the ocean, lakes, rivers or streams

Simple, user friendly acquisition software

Easy connection to almost any echosounder

Sophisticated application of Automatic Gain Control (AGC)

Processes first echo-return only for accuracy and repeatability

Turnkey systems available

QTC

VIEW

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QTC VIEW 5.5

The QTC VIEW 5.5 system represents an updated generation of single beam seabed classification from Quester Tangent. With the highest digitization rate of any single beam classification system on the market, the QTC5.5 system achieves accurate, repeatable classification in less than 1 meter of water.

QTC5.5 follows a simple philosophy: capture all the fundamental acoustic data by recording a high fidelity version of the full echo waveform and apply the proven Quester Tangent classification process to provide a map of seabed diversity. The system can be used for simple repetitive mapping, or scaled up to become a sophisticated research tool providing a wealth of information about the composition and diversity of the seabed.

FEATURES

High-speed data acquisition rates
in very shallow waters

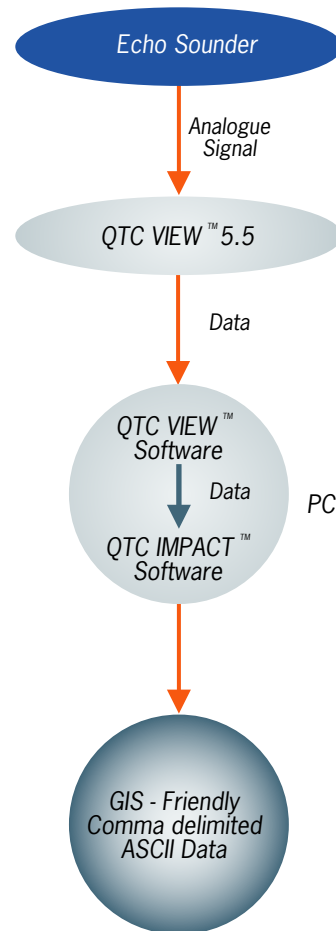
Sophisticated application of Automatic Gain
Control (AGC) ensures very high dynamic range

Power consumption 15 W @ 12 - 36 VDC

Interface to survey computer via USB 2.0

No calibration required

Data Processing Flow



QUESTERTANGENT™
Making Data Intelligent™

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