

Single Beam Classification



Single beam sonar systems, echo sounders and formats supported by Quester Tangent Products

Last Update: 01-Apr-11

	System/format is supported
	System/format support coming soon
	System/format not supportable

Digital data acquired by the following systems is supported directly in QTC IMPACT. Some systems can also provide direct real-time classification with QTRT software.

Supported System	XTF	OEM	Real-time QTRT
Atlas Deso 30/35/350/350M			Deso Control rqd
Biosonics		DT4	
Knudsen 320M		KEB	
Kongsberg Maritime EA400; EA600; EK60		*.RAW	
Odom (logged by E-Chart or ChartVIEW)			E-Chart required
SonarData EchoVIEW		ISAH DB	
QTC VIEW 5.5 acquisition		FWF; Env	

Support for the following systems is provided via QTC echoIMPACT with data collected by echoVIEW from SonarData and exported with the EchoIMPACT Export Module

System	EchoVIEW supported models
BioSonics	102, DE4000, DE5000, DE6000, DT4000, DT5000, DT6000, DTX series
Furuno	FQ80, ETR-30N
HTI	241, 243, 244 split beam systems
Kaijo	KFC-500, KFC-1000, KFC-2000, KFC-3000
Precision Acoustic Systems	PAS-103 single beam and Pas-103 split beam systems
Kongsberg Maritime	EK60, EQ60, ES60, EY60, EK500, EA500, EY500, EA400, EA600
SonarData	Echo Listener

For analogue echosounders not supported above, a QTC VIEW is required to digitize and acquire suitable data. The requirements for an echo sounder to interface to a QTC VIEW are as below.

Feature	Requirement
Frequency	22 kHz to 220 kHz
Pulse length	Must have full manual control
Depth range	Less than 1m to 2000m, echosounder dependant
Beam width	Wider beamwidth preferable
Power	Manual control preferable