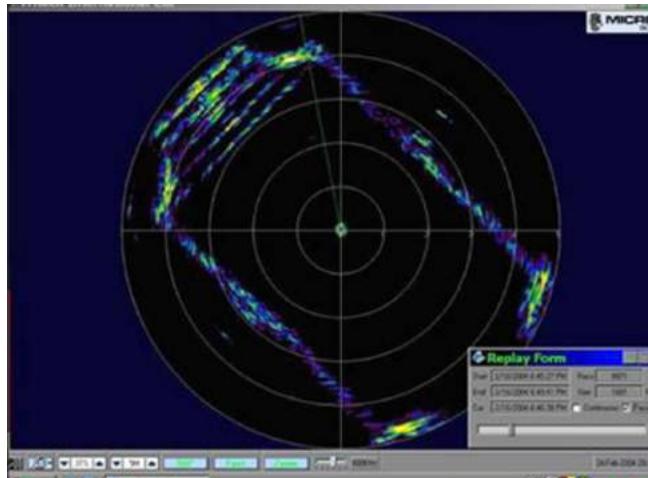
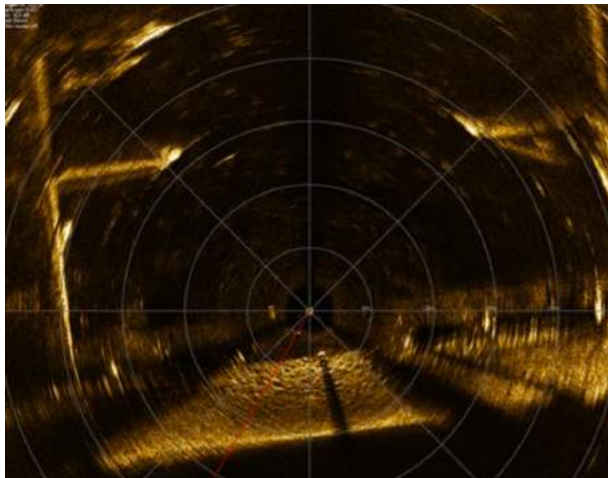


Echologger MRS900 vs. Tritech Micron Scanning sonar

	MRS900	Micron	Note
Frequency	900 kHz	700 kHz	
Pulse	Chirp (long range) CW (short range) Switchable (manual or auto)	Chirp only	MRS transmits more sophisticated tailored pulses, ie., uses CW at short ranges and Chirp at long ranges
Pulse Length	CHIRP : 500μsec CW : 10~ 100μsec	200μsec	
Gain control	±15dB	NA	MRS can control signal gain

	MRS900	Micron Sonar	Note
Beam angle	2°(H)/ 25°(V)	3°(H)/ 35°(V)	MRS has more resolution with sharper horizontal beam angle (2°)
Range	0.3 ~60m	0.3~75m	Micron covers longer range
Range resolution	Max 7.5mm	Max 7.5mm	Same
Scanning resolution	0.1125°, 0.225°, 0.45°, 0.9°, 1.8°	0.45°, 0.9°, 1.8°	MRS has better image resolutions with finer angular scanning resolutions (X4)



	MRS900	Micron Sonar	Note
Interface	RS232/RS485	RS232/RS485	Same
Comm. speed	115,200 ~ 921,600 & 1,00,0000 baud (Auto detection)	Max. 115,200 baud	MRS has a higher communication speed (X8)
Power supply	12 - 60 VDC 2W	12-48 VDC @ 4W	MRS has more flexible power supply range with less consumption (50%)

	MRS900	Micron Sonar	Note
Connector	Side or Bottom	Side only	MRS has a connector either on the side or on the bottom
Depth rate	1,000m/2,000m	750m	MRS can go deeper
Size	D74,H64 / D76,H66	D56,H79	Micron is smaller in diameter, MRS is smaller in height
Weight	410g(190g water) / 580g(350g water)	420g/(180g)	Similarly light



MRS900



Micron