



**MAQ SONAR COMPANY**  
DIVISION OF HELO ENTERPRISES INC.

	<b>MAQ 90</b>	<b>MAQ 60</b>	<b>MAQ 22</b>
<b>Features</b>			
Frequency	<b>87.5-92.5 KHz</b>	<b>57.5-62.5 KHz</b>	<b>20-24 KHz</b>
Verified Detection Distance versus -26 dB target strength	<b>300 M</b>	<b>650 M</b>	<b>1100 M</b>
With RDT	<b>N/A</b>	<b>N/A</b>	<b>1250 M</b>
Verified Detection Distance versus 0 dB target strength	<b>700 M</b>	<b>1000 M</b>	<b>2700 M</b>
With RDT	<b>N/A</b>	<b>N/A</b>	<b>3400 M</b>
Maximum Vessel Speed	<b>12 kts</b>	<b>12 kts</b>	<b>20 kts</b>
Hoist Speed	<b>18 s</b>	<b>18 s</b>	<b>9 s</b>
Sea-chest Requirement	<b>8 inch</b>	<b>8 inch</b>	<b>18 inch</b>
Protective Shield	<b>ABS</b>	<b>ABS</b>	<b>Optional SS</b>
Range Scales: 15 Steps	<b>60-1200 M</b>	<b>80-2200 M</b>	<b>100-6000 M</b>
Pulse Length 0.2-20 ms	✓	✓	✓
Stabilization: Directional	✓	✓	✓
Tilt Control +10° to -45°	✓	✓	✓
Echo Strength Presentation Colour: 8 or 64 Colours	✓	✓	✓
Hoist Control Activation Alarm Automatic on or Manual	✓	✓	✓
Transceiver Transmitters: 64 channels	✓	✓	✓
Transmitters RDT: 256 Channels	<b>N/A</b>	<b>N/A</b>	✓
Receiver: 256 Controls to 32 Channels	✓	✓	✓
Interface with: ITI, GPS, External Synchronization	✓	✓	✓
Programmable tonnage readout	✓	✓	✓
Automatic target tracking	✓	✓	✓
Event marker displays for fish heading and speed	✓	✓	✓
Multi-Language control panels	✓	✓	✓

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