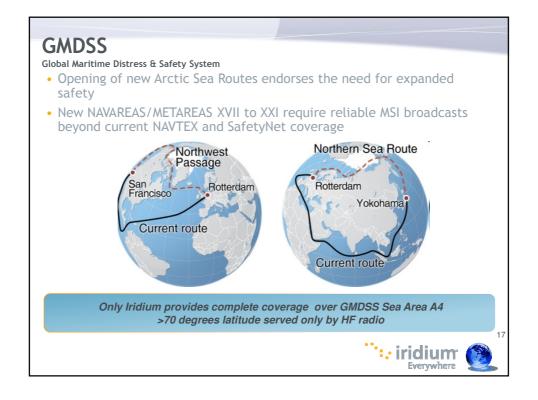




GMDSS		
Global Maritime Distress & Safety System		
Regulatory Status		
IMO guidelines for other mobile satellite systems to provide GMDSS services		
Amendments to SOLAS Chapter IV = effective July 1, 2009		
<ul> <li>Resolution A.1001(25) = establishes criteria for qualification</li> <li>International Mobile Satellite Organization (IMSO) to provide oversight</li> </ul>		
<ul> <li>COMSAR subcommittee has voted to endorse expansion of Worldwide Navigational Warnings for Arctic Region; relies on HF radio now</li> </ul>		
<ul> <li>Iridium Application as GMDSS Service Provider being prepared</li> </ul>		
Technical review and project planning in progress		
Ongoing discussions with sponsoring government		
• Expect to submit application to IMO at MSC87 (May 2010)		
<ul> <li>Iridium already has Proven success in Aviation safety</li> </ul>		
<ul> <li>ICAO granted Iridium international approval to offer satellite air traffic safety services in 2008</li> </ul>		
Green Light – submission planning in progress		
<b>iridium</b> Everywhere		



GMDSS Global Maritime Distress & Safety System	
<ul> <li>Global Data Broadcast Capabilities are currently being investigated by Iridium using our proven Short Burst Data (SBD) Service</li> </ul>	
• These capabilities would include all GMDSS rec	quirements
<ul> <li>Scheduled and unscheduled broadcasts</li> </ul>	
<ul> <li>Global (All Ships), 21 NAV/METAREAS, Coastal Warning areas and Circular, Rectangular and User-defined Areas (SAR ops)</li> </ul>	
<ul> <li>MSI message particulars (type, priority, number)</li> </ul>	
<ul> <li>Main specifications (provisional)</li> </ul>	
<ul> <li>Capacity 8.3 Mbytes per day</li> </ul>	
• Data rates from 770 bps (global) to 9,200 bps (local)	
• Low latency (< 30 seconds from receipt to deliver	у)
Recorded voice?	
• Availability (tentative)	
• H1 2011	
18 Iridium Proprietary and Confidential	Everywhere



