

Iridium SafetyCast Report July 2023



NEW DISTRESS ALERT

New Distress Alert ID: 5e42f686_0004 from Vessel MMSI 000000031 at 52° 1.87920' N / 0° 17.26800' E.

You are the PRIMARY RCC.

Acknowledge





Status of Iridium SafetyCast

- Iridium GMDSS was recognised over five years ago.
- The Iridium SafetyCast service is fully operational and has been since launch in December 2020.
- Iridium is now supporting four interfaces for Iridium SafetyCast (Email, FTP, Web and API).
- IMO EGC Panel Deadline 1 July 2023 for MSI providers to supply MSI to all RMSS (Iridium) – Replacement
- On going work with remaining METAREAs and NAVAREAs
- Ongoing work to Onboard 23 RCCs.

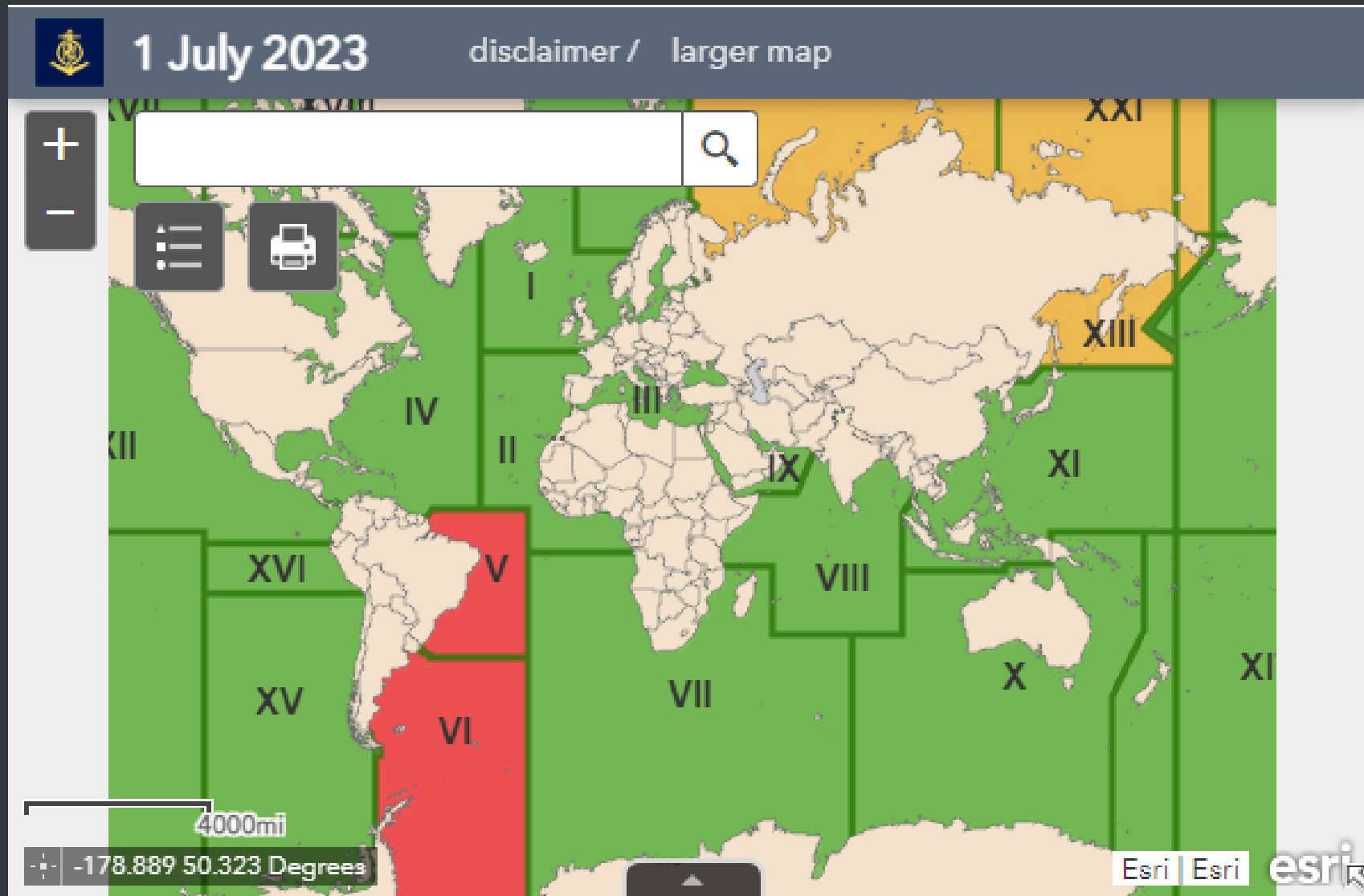
Iridium GMDSS RCC progress

Current Rescue Coordination Centre's (14)	Mode	Operational
RCC Atlantic Area Command – United States	Automatic	X
RCC Pacific Area Command – United States	Automatic	X
JRCC Fareham – United Kingdom	Manual	X
RCC Stavanger (South Norway) - Norway	Manual	X
RCC New Zealand – New Zealand	Automatic	X
RCC Australia - Australia	Manual	X
JRCC Bodoe – (North Norway) - Norway	Manual	X
JRCC Piraeus - Greece	Manual	X
MRCC Torshavn – Faroe Islands	Manual	X
RCC Bremen - Germany	Manual	X
JRCC Larnaca - Cyprus	Manual	X
MRCC Riga - Latvia	Manual	X
RCC Argentina - Argentina	Manual	X
RCC Rabat - Morocco	Manual	X

US Future RCCs (10)
RCC Boston
RCC Norfolk
RCC Miami
RSC San Juan (Sub-Center of RCC Miami)
RCC New Orleans
RCC Cleveland
RCC Seattle
RCC Honolulu (operated as JRCC with DOD)
Sector Guam (coordinates SAR under RCC Honolulu)
RCC Juneau

Other Future RCCs (13)	Country
JRCC Denmark	Denmark
MRCC Hong Kong	Hong Kong
RCC Chile	Chile
MRCC Iceland	Iceland
RCC Griz-Nez	France
RCC Den Helder	Netherlands
RCC Tokyo	Japan
MRCC Madrid	Spain
MRCC Dublin	Ireland
RCC Chennai	India
RCC Nairobi	Kenya
MRCC Vietnam	Vietnam
MRCC Monrovia	Liberia

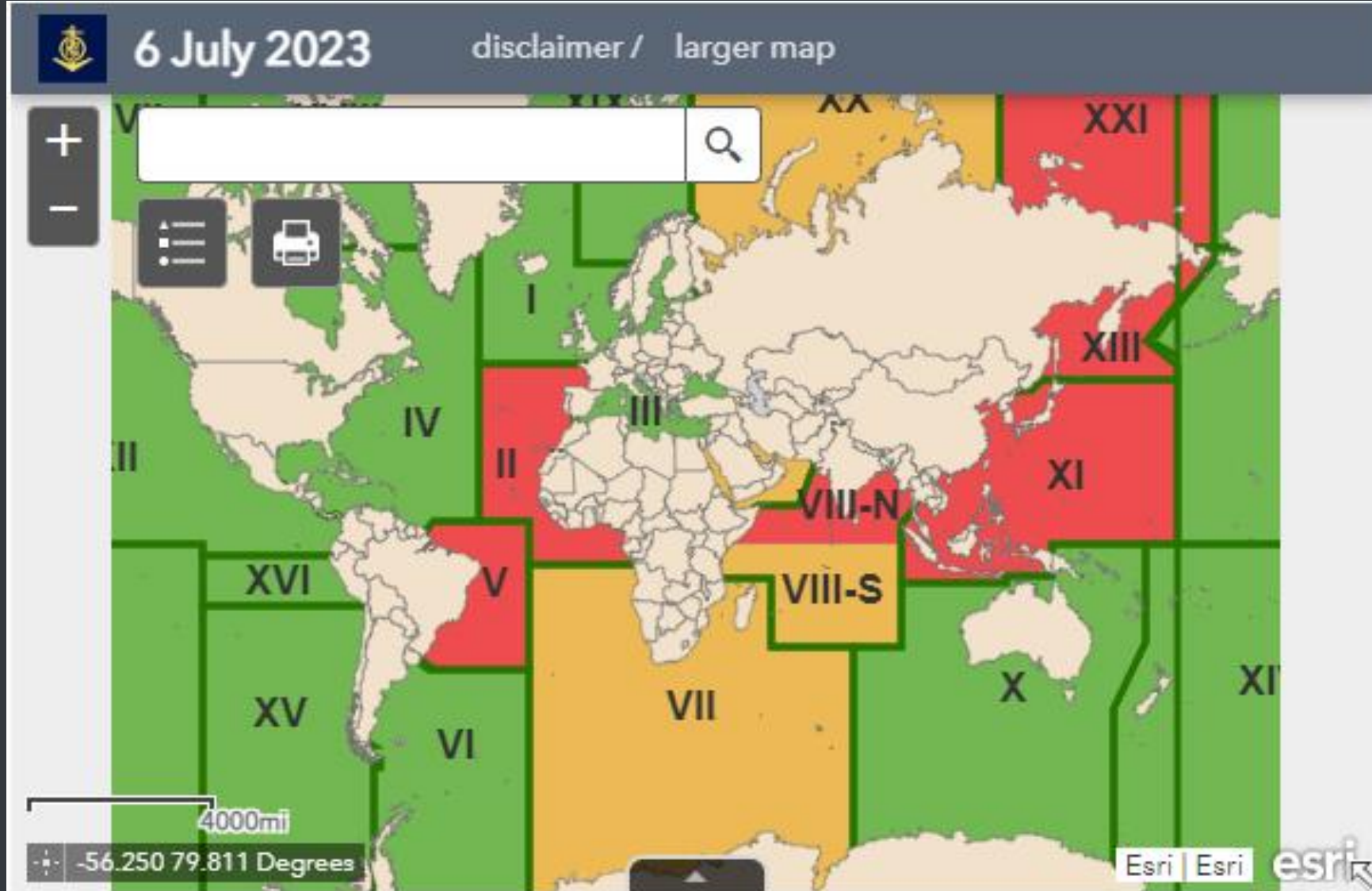
NAVAREA Status on IHO



Iridium SafetyCast - NAVAREAs

Area	Country	Last Broadcast	Number of Broadcasts	Note	Operational State
NAVAREA I	UK				
NAVAREA II	France				
NAVAREA III	Spain				
NAVAREA IV	US				
NAVAREA V	Brazil	0	0	Cannot Broadcast	Needs Training
NAVAREA VI	Argentina	0	0	Cannot Broadcast	Waiting for RCC
NAVAREA VII	South Africa				
NAVAREA VIII	India				
NAVAREA IX	Pakistan				
NAVAREA X	Australia				
NAVAREA XI	Japan				
NAVAREA XII	United States of America				
NAVAREA XIII	Russian Federation	No info		Through 3 rd Party	
NAVAREA XIV	New Zealand				
NAVAREA XV	Chile				
NAVAREA XVI	Peru				
NAVAREA XVII	Canada				
NAVAREA XVIII	Canada				
NAVAREA XIX	Norway				
NAVAREA XX	Russian Federation	16 May 2021	61	Through 3 rd Party	
NAVAREA XXI	Russian Federation	16 May 2021	20	Through 3 rd Party	

METAREA Status on IHO



Iridium SafetyCast - METAREAs

Area	Country	Last Broadcast	Number of Broadcasts	Note	Operational State
METAREA I	United Kingdom				
METAREA II	France	0	0	New Coord, cannot broadcast	Needs Training
METAREA III	Greece				
METAREA IV	US				
METAREA V	Brazil	0	0	Cannot broadcast	Needs Training
METAREA VI	Argentina	Today	2651		
METAREA VII	South Africa	Today	724	Should be Operational - WWMIWS	READY
METAREA VIII	India	Today	64	Should be Operational - WWMIWS	READY
	Mauritius	Today	190	Should be Operational - WWMIWS	READY
METAREA IX	Pakistan	Today	2603	Should be Operational - WWMIWS	READY
METAREA X	Australia				
METAREA XI	Japan	0	0	Trialled API - seeking internal approval	Tests Completed
	China				
METAREA XII	United States of America				
METAREA XIII	Russian Federation	28 May 2021	210	Through 3 rd Party	
METAREA XIV	New Zealand				
METAREA XV	Chile				
METAREA XVI	Peru				
METAREA XVII	Canada				
METAREA XVIII	Canada				
METAREA XIX	Norway				
METAREA XX	Russian Federation	16 Dec 2021	452	Through 3 rd Party	
METAREA XXI	Russian Federation	2 Sept 2021	252	Through 3 rd Party	



Iridium view on the status of Iridium SafetyCast

- The lack of Operational MSI in the Iridium GMDSS is potentially compromising maritime safety.
- Iridium continues to support MSI Providers including suspending charging for 2020, 2021 & 2022.
- Iridium has also offered to suspend charging for those countries which declare to IMO that they can not afford the expense for Iridium SafetyCast in future.
- Therefore: Iridium believes that any liability resulting an incident, accident, injury or loss of life caused by the lack of MSI in the Iridium GMDSS, belongs with the MSI Provider for that area and/or the IMO.
- Iridium to suspend charges MET/NAV AREA VIIIN for 2023



Iridium view on the status of Iridium GMDSS

- Record adoption of Iridium GMDSS during the summer.
- Around 20% of vessels installing two Iridium GMDSS terminals.
- Many shipping companies installing Iridium GMDSS by default.
- Iridium working with SAR organisation to try to improve response coordination and timing for Iridium equipped vessels.
- Also working with a software company that is looking to build an application that will optimise MSI received through an Iridium GMDSS terminal:
 - Auto-recognising coordinates and key text.
 - Plotting MSI events on map.
 - Automatically activating alarm based on event proximity.

Thank you



@IridiumComm



@MyIridium



@Iridium



@IridiumComm