

5th Meeting Of the IHO Council

IRCC Report 13

Annex B: SPI allocation



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IRCC13
VTC, 23 – 25 June, 2021

SPI allocated for HSSC and IRCC

Targets	Strategic Performance Indicator (SPI)-measurement for success	Proposed Lead
Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation		
1.1 Deliver standards for hydrographic data and specifications of hydrographic products; support their regular production; and coordinate regional and global services for their provision.	1.1.1 Percentage of Member States having operationalized production and distribution of hydrographic data products and services based on IHO Universal Hydrographic Data Model (S-100), under an implementation framework of coordination and agreed timelines (2026: 100%).	HSSC 60 % of MS distribute at least one product based on S-100.
	1.1.2 Number of hydrographic data products and services based on Universal Hydrographic Data Model that cater for the new requirements: autonomous shipping, reduction of emission.	By 2026, 7* Product Specifications should be operational (ed 2.0.0.) [S-124]

Based on that 62 of 94 IHO MS produce S-57 ENC's (March 2021)



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Targets	Strategic Performance Indicator (SPI)-measurement for success	Proposed Lead
Goal 1: Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation		
1.3 Use capacity building and training to develop and increase the ability of Member States to support safety and efficiency of maritime navigation.	1.3.1 Ability and capability of Member States to meet the requirements and delivery phases of the S100 implementation plan (2026: 50%).	CBSC RHCS



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Targets	Strategic Performance Indicator (SPI)-measurement for success	Proposed Lead
Goal 3: Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean		
3.1 Collaborate with other bodies who deliver capacity building and training to improve effectiveness of capacity building activities and programmes	3.1.1 Percentage of Coastal States that are capable to provide marine safety information (MSI) according to the joint IMO/IHO/WMO manual on MSI (2026 90%).	WWNWS CBSC (Phase 1)

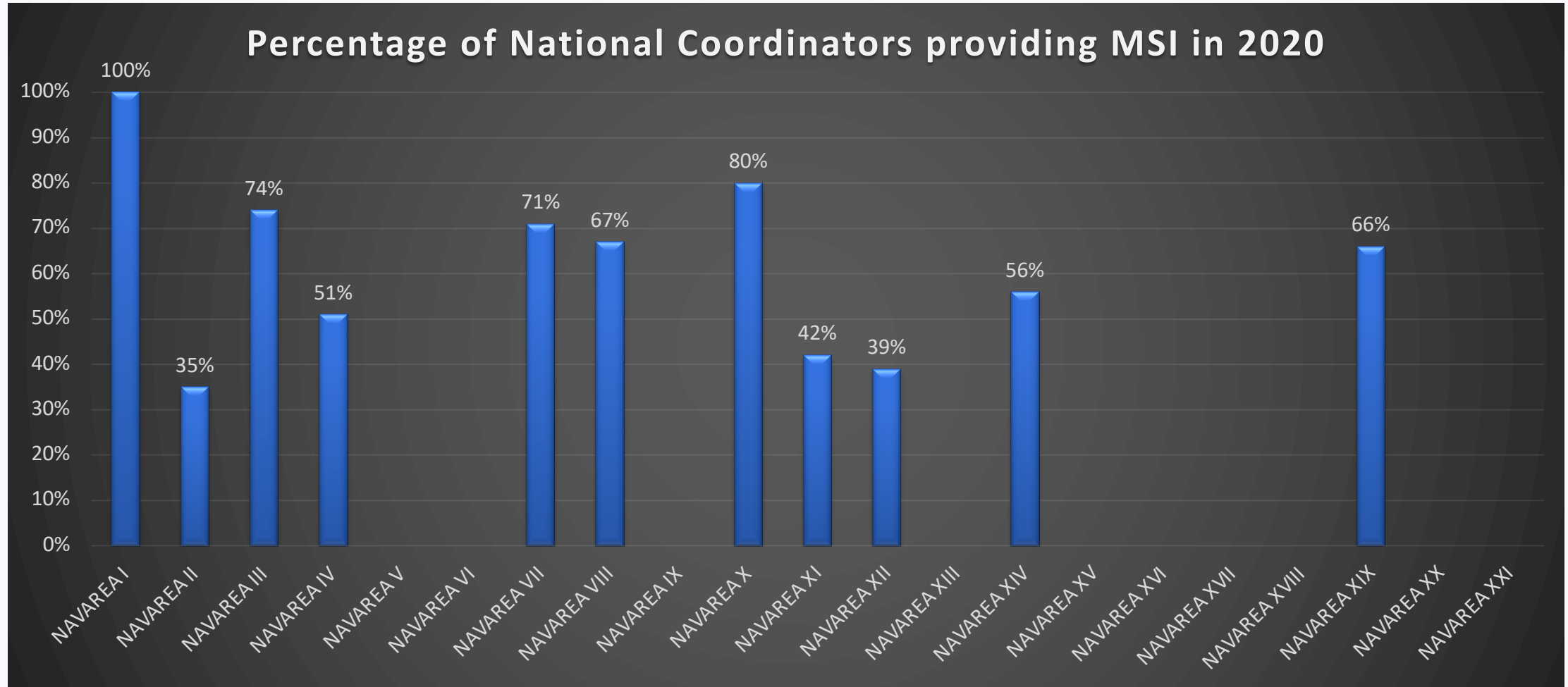


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National Coordinator MSI Support 2020

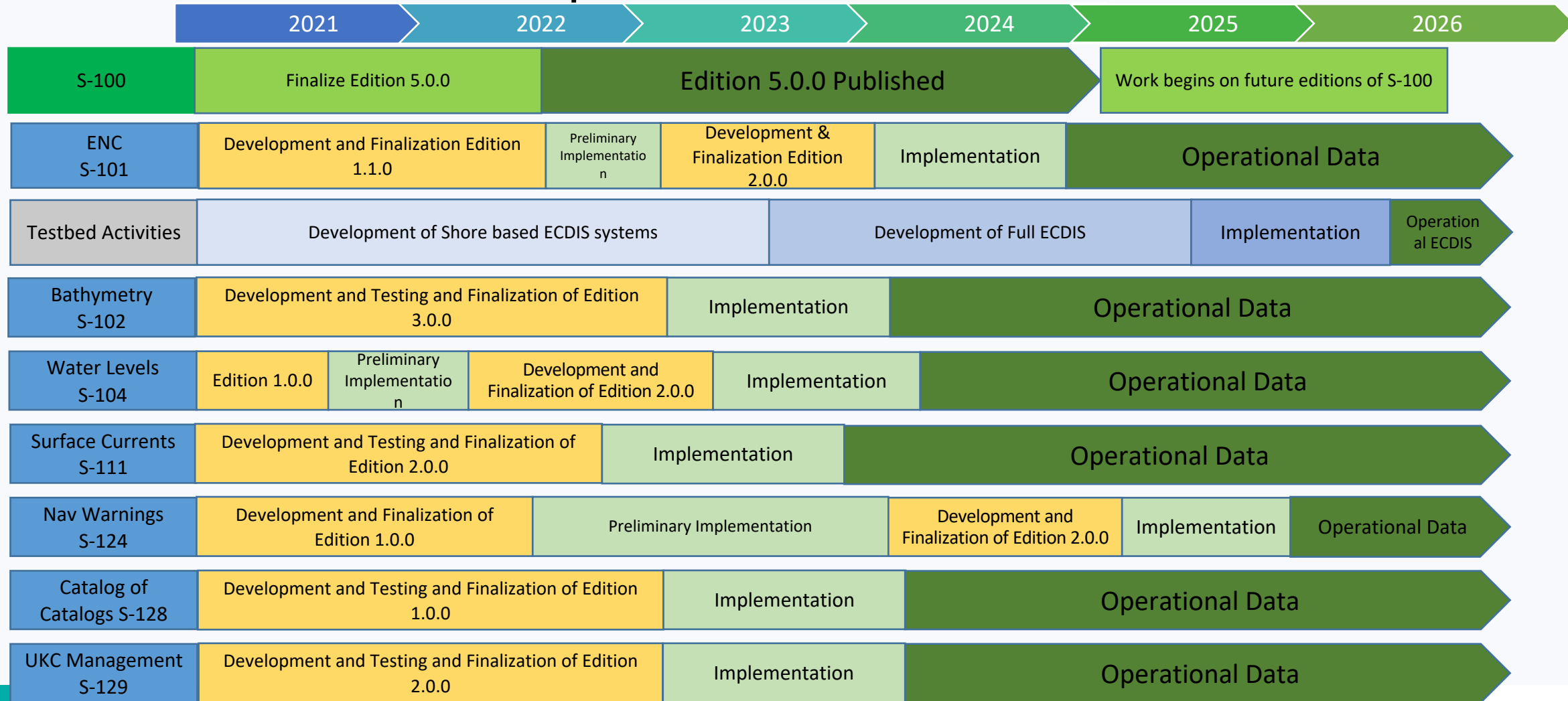


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S-100 Product Specifications developments and Timeline

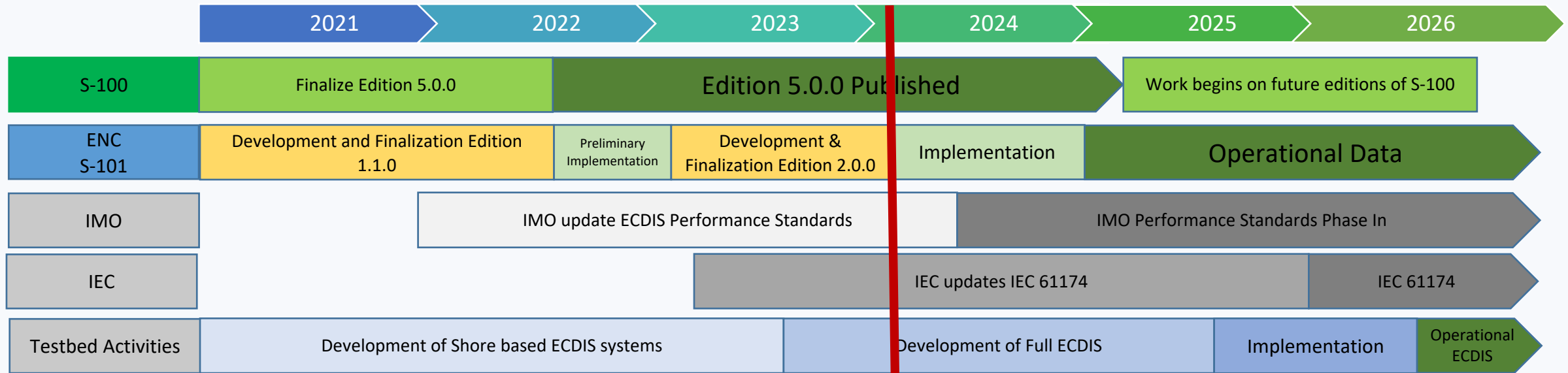


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- This timetable should be restructured as a Gantt diagram in the S-100 Implementation Strategy, Annex 2 and also include S-98, S-164 and the Route Monitoring S-1xx PS.

S-100 Product Specifications developments and Timeline



HOs to Produce Operational S-101 ENC's

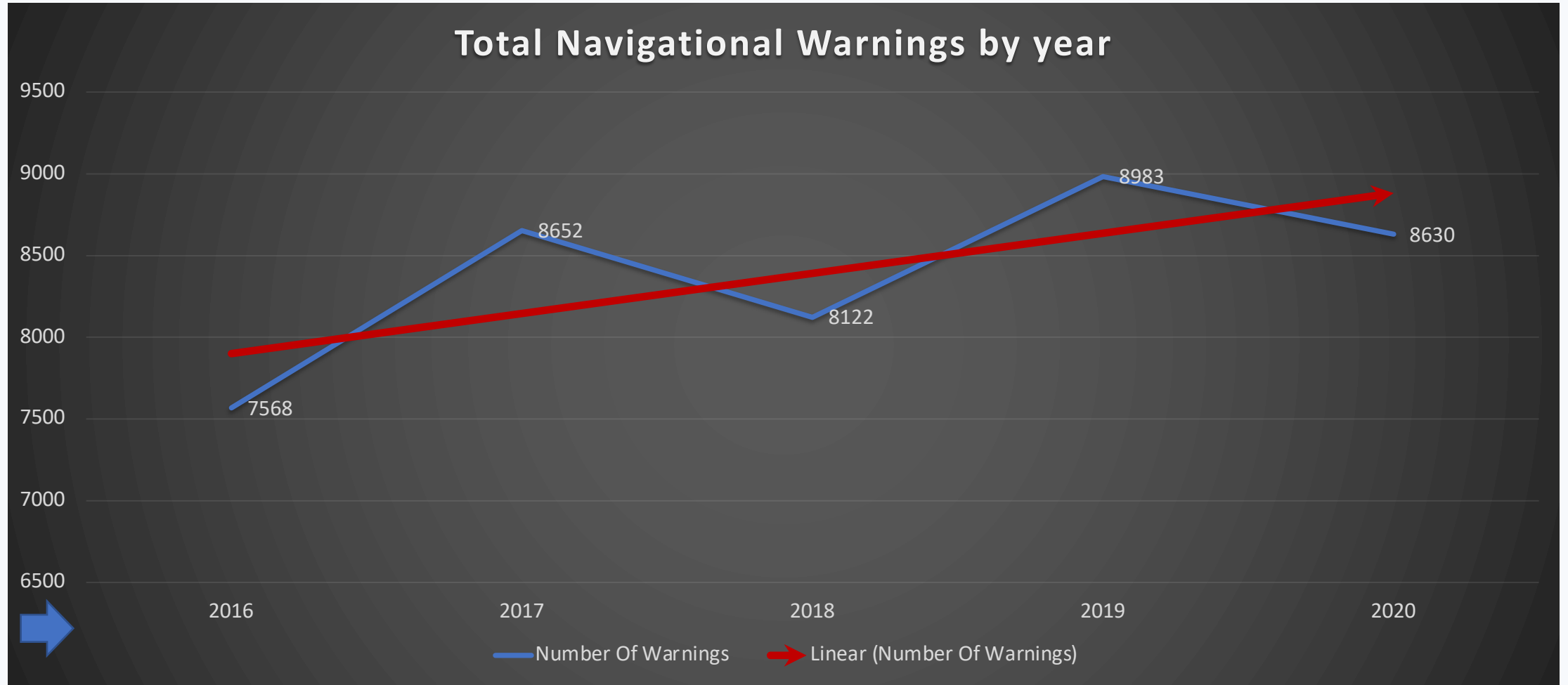


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Total Navigational Warnings by year

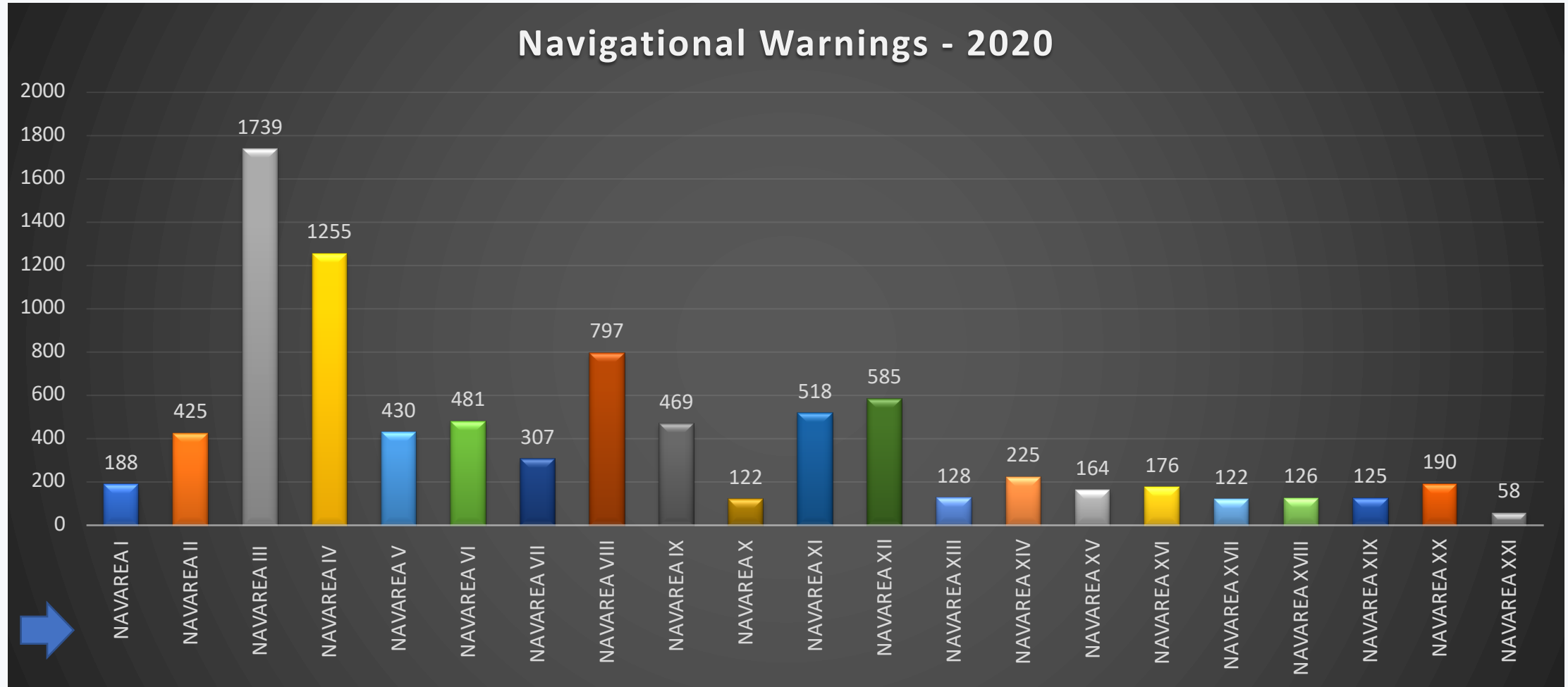


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NAVAREA warnings promulgated by each NAVAREA for 2020

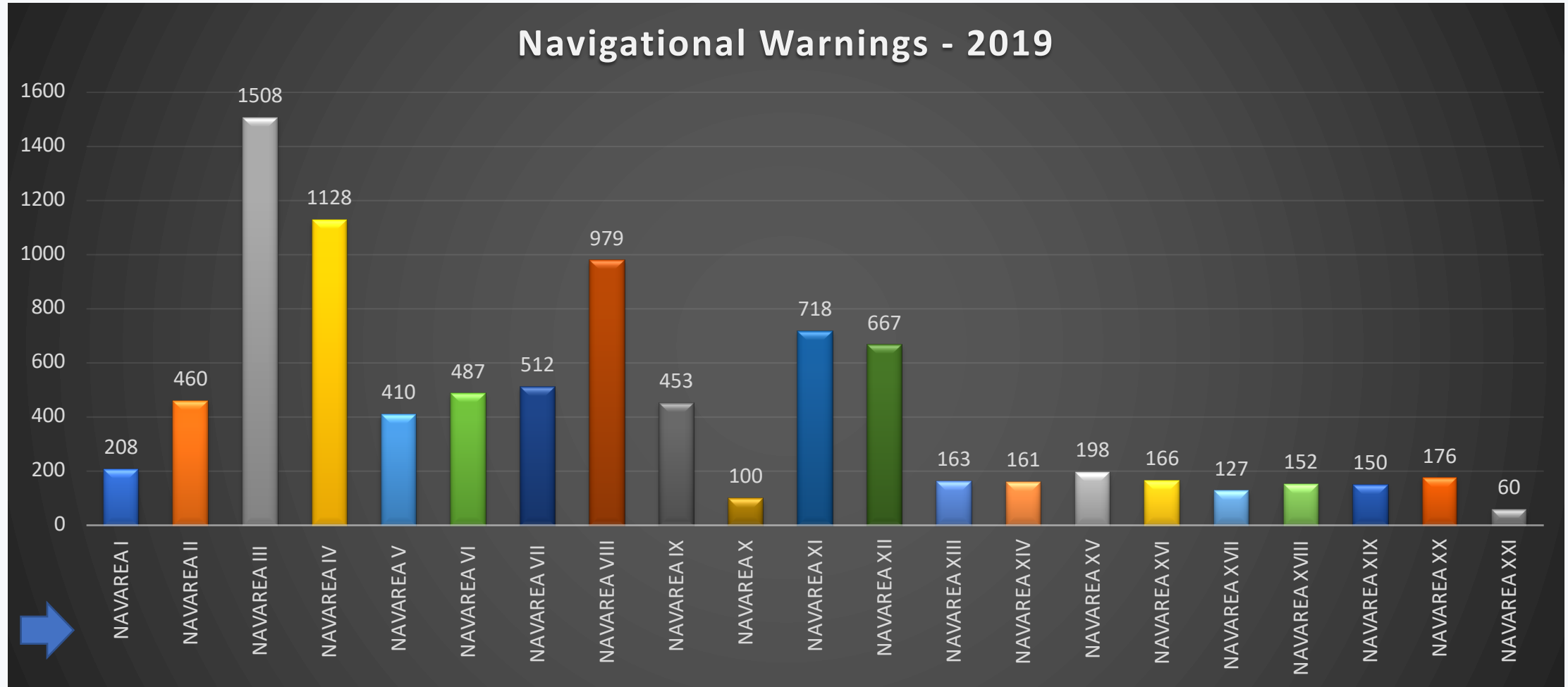


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NAVAREA warnings promulgated by each NAVAREA for 2019

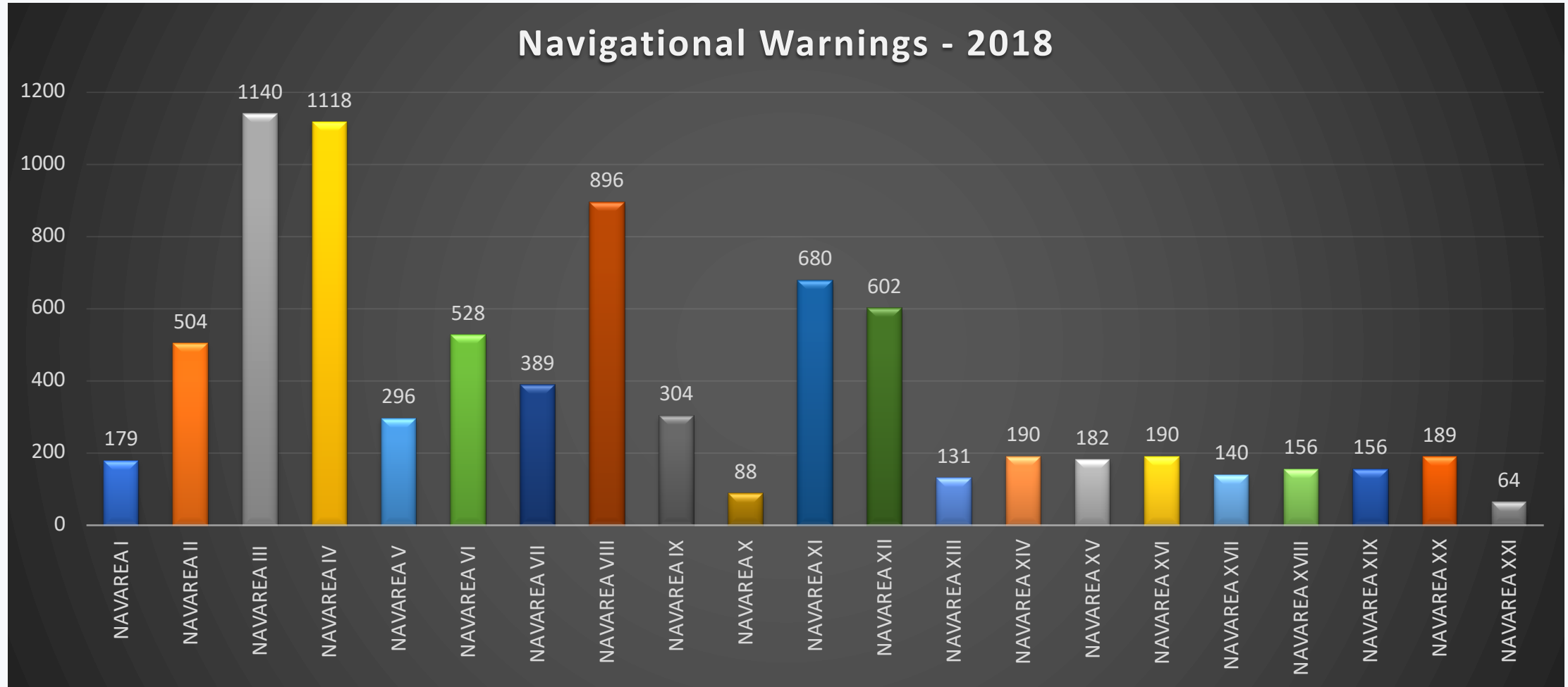


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NAVAREA warnings promulgated by each NAVAREA for 2018



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Display anomalies in ECDIS

- In the beginning of May 2021 the ENCWG was informed by one of the major ECDIS kernel manufacturer that they have identified a display problem in their software, affecting a large amount of type approved ECDIS being used, possibly endangering safety of navigation.
- As a consequence, and due to the challenging existing updating mechanisms in existing S-57 based ECDIS, HOs have been requested to always issue New Editions of ENCs when so called Skin-of-the-Earth features are changed and not issue these updates as ERs. Some ENCs, where updates have been provided as ER, must also be re-issued as New Editions.
- An ENC Encoding Bulletin is under development by the ENCWG, but all HOs have already been informed by ENCWG Letters and information from the RENCs. At present this new routine is to be considered temporary, but understanding the difficulties to update possibly affected ECDIS, HOs should understand that it could stay for a longer period.



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ENC STANDARDS MAINTENANCE WORKING GROUP (ENCWG)

[A Working Group of the Hydrographic Services and Standards Committee (HSSC)]

Distribution: IHO Member States

07 May 2021

Ref: SevenCs ECDIS Kernel EC2007, ENC updates causing ECDIS display issues.



As ENCWG chair I have held a meeting with SevenCs and the IHO Secretariat to discuss the issue. SevenCs have assured us that the ECDIS still alarms and indicates in route planning and monitoring mode and all objects are visible in IMO display mode ALL OTHER. SevenCs internal investigation has resulted in a small number of ENC s cells in a database of over 17,000 ENCs that may be impacted by this issue. They have informed the IHO Secretariat that the problem can be fixed by issuing an ENC new edition. The RENCs have been informed and will contact any MS who has affected cells.