

**Report of the Polygonal Demarcations of Global Sea Areas
Product Specification and Dataset (S-130) Project Team**

Submitted by:	Chair, S-130PT
Related Documents:	S-130PT Terms of Reference
Related Projects:	S-100

Chair:	Britt Lonneville, Belgium
Vice-Chair:	Wu Lingzhi, China
Secretary:	Yong Baek, IHO Secretariat
Member States:	Belgium, Brazil, China, DPRK, Greece, India, IR of Iran, Japan, Republic of Korea, Singapore, Türkiye, United Kingdom, United States of America
Expert Contributor Organisations:	IIC

<i>see Annex A for full details</i>

Meetings Held During Reporting Period

- [S-130PT6](#): 28-29 November 2023, Monaco, Hybrid Meeting
- [S-130PT7](#): 5 February 2024, Remote Meeting
- [S-130PT8](#): 8 April 2024, Remote Meeting

Work Program

- Task A.1-A.3

Through the work of the S-130PT, the S-130PT is able to present Edition 1.1.0 of the S-130 Product Specification to HSSC.

- Task B.1-B.2

During the current reporting period, various sample datasets were produced and discussed by the S-130PT, leading to substantive semantic changes to the Application Schema and the development of Edition 1.1.0 of the S-130 Product Specification.

- Task D.1

During the current reporting period, the S-130PT held one hybrid meeting and two remote meetings, focusing mainly on the outcome of the initial implementation of S-130 Edition 1.0.0 and development and initial tests of the S-130 sample datasets and their impact on the S-130 Product Specification.

The fully detailed work program for the next reporting period is presented in Annex B.

Progress on HSSC Action Items

N/A

Problems Encountered

- The representation of MultiPolygon geometry is critical for the development of S-130 (sample) datasets and the way this can be achieved within the S-100 framework is currently under discussion in the Project Team.
- The conversion of textual descriptions of locations into digital coordinates requires reliable sources that are supported by the Project Team and wider community.
- The S-130 Project Team is rather small in size, which leads to an unbalanced distribution of work.

Any Other Items of Note

Mrs. Britt Lonneville (Belgium) and Mr. Lingzhi Wu (China) were re-elected as Chair and Vice-Chair, respectively, of the S-130PT.

Conclusions and Recommended Actions

N/A

Justification and Impacts

The development of S-130 Product Specification Edition 2.0.0 (Task A.3) requires more testing through sample datasets and would be targeted for completion by HSSC-17 (2025).

Action Required of HSSC

The HSSC is invited to:

- a. **take note** of the S-130PT report
- b. **review** and **endorse** the work plan presented in Annex B

Membership of S-130PT

MS / Organisation	Name of Delegate	email
Member States		
Belgium	Britt Lonneville	britt.lonneville@vliz.be
Brazil	José Celso	jose.celso@marinha.mil.br
China	Wu Lingzhi	3511431@qq.com
	Wang Qiuyi	wangqiuyi1122@163.com
	Li Chunju	zhangkunkunmsa@163.com
DPRK	O Myong Chol	jagang@star-co.net.kp
Greece	Marianna Vasileiou	dcd_hnhs@navy.mil.gr
India	BK Ramprasad	ia-inho@navy.gov.in
IR of Iran	Atiyeh Segheh Mojtahedi	atym1977@yahoo.com
Japan	Kentaro Kaneda	iao@jhod.go.jp
Republic of Korea	Jong Yeon Park	zpz100@korea.kr
	Sewoong Oh	osw@kriso.re.kr
Singapore	Weng Choy Lee	lee_weng_choy@mpa.gov.sg
Türkiye	Emre Tükenmez	etukenmez@shodb.gov.tr
United Kingdom	Eleanor Woods	Eleanor.Woods@UKHO.gov.uk
United States of America	Trent Palmer	palmertc@state.gov
Expert Contributors		
IIC	Jonathan Pritchard	jonathan.pritchard@iictechnologies.com
IHO Secretariat		
IHO Secretariat	Yong Baek	addt@iho.int

S-130 Project Team Proposed Work Plan - 2022 to 2025

S-130PT Tasks

A. Develop and maintain S-130 “Polygonal Demarcations of Global Sea Areas Product Specification” (IHO Task 2.3.4)

B. Produce and distribute S-130 dataset (IHO Task 2.3)

C. Maintain maintenance procedure and user/information manual (IHO Task 2.3)

D. Conduct the 2022-2025 meetings of S-130PT (IHO Task 2.1)

Task	Work Item	Priority H-high M-medium L-low	Milestones	Start Date	End Date	Status P-planned O-ongoing C-Completed	Contact Person	Affected Pubs/Standard	Remarks
A.1	Develop S-130 Product Specification Edition 1.0.0	H	HSSC 15	2022	2023	C	Britt Lonneville (VLIZ)		
A.2	Initial implementation S-130 Edition 1.0.0	M		2023	2023/2024	C	Britt Lonneville (VLIZ)		
A.3	Develop S-130 Product Specification Edition 2.0.0	H	HSSC 17	2024	2025	P	Britt Lonneville (VLIZ)		
B.1	Develop S-130 sample dataset	H		2023	2023/2024	O	Britt Lonneville (VLIZ)		
B.2	Initial test of S-130 sample dataset	M		2023	2023/2024	O	Britt Lonneville (VLIZ)		
B.3	Develop S-130 dataset	M		2024	2025	P	Britt Lonneville (VLIZ)		
D.1	Meetings S-130PT	M		2022	Ongoing	O	Britt Lonneville (VLIZ)		

Meetings (Task D)

Date	Location	Activity
TBD	VTC	S-130PT9

S-130PT Chair: Britt Lonneville, Belgium

S-130PT Vice Chair: Wu Lingzhi, China

S-130PT Secretary: Yong Baek, IHO Secretariat

Email: britt.lonneville@vliz.be

Email: 3511431@qq.com

Email: yong.baek@iho.int

IHO Standards Development - Progress Report Diagram

