

**17<sup>th</sup> MEETING OF THE IHO CAPACITY BUILDING SUB-COMMITTEE**  
**IHO-CBSC17**  
**Genoa, Italy, 29-31 May 2019**

**Paper for Consideration by CBSC17**

**Status of C-55 database**

<b>Submitted by:</b>	Secretary
<b>Executive Summary:</b>	This paper presents the status of the IHO Publication C-55 database
<b>Related Documents:</b>	CBSC17-08.3B
<b>Related Projects:</b>	xxx

### **1. Introduction / Background**

The IHO Publication C-55 presents the Status of Hydrographic Surveying and Nautical Charting Worldwide. It is updated regularly by Member States and Primary Charting Authorities.

### **2. Analysis/Discussion**

During May 2019 a consistency analysis of C-55 database was conducted. Several inconsistencies were identified for survey data, in particular to ensure that the percentages of the three categories sum up to 100%:

- a) Adequately surveyed
- b) Re-survey required
- c) Never systematically surveyed

This was done for both shallow waters (less than 200m) and deep waters (more than 200m).

### **3. Conclusions**

The Annex presents the findings for each RHC. Several Member States were contacted and provided useful feedback and updates. Additional work is required to ensure a full picture of the status of surveys. Paper CBSC17-08.3B has the potential to improve the quality of the C-55 database.

### **4. Recommendations**

To investigate the separation of the overall coverage of C-55 into three areas:

- a) Shallow waters, less than 200m (excluding inland waters)
- b) Deep waters, more than 200m (excluding inland waters)
- c) Inland waters (independent of depth)

This separation is for the reporting of coverage and does not change the C-55 database infrastructure.

### **5. Action Required of CBSC**

The CBSC is invited to:

- a. note this report,
- b. encourage the CB Coordinators to engage with Member States within their areas to update C-55 regularly,

- c. task the Secretariat to investigate the separation of C-55 in the three areas proposed under item 4, and
- d. take any action as considered appropriate

Annex A: Status of Survey Data in the C-55 Database (summary by RHC)

Annex B: Status of Survey Data in the C-55 Database (Excel file)

## IHO Publication C-55 Status of Hydrographic Surveying and Charting Worldwide

Region	Area	Depths < 200m			Depths > 200m		
		Adequately	Resurvey	No survey	Adequately	Resurvey	No survey
A	North America (W, E)	19,1	39,3	41,6	33,3	10,1	56,6
B	Central America (W, E), Caribbean	31,9	47,9	20,2	26,8	20,2	53,0
C1	South America (E)	60,0	15,0	25,0	5,0	0,0	95,0
C2	South America (W)	69,2	3,7	27,1	54,3	13,6	32,1
D	North Sea	52,2	23,4	24,5	39,0	16,6	44,4
E	Baltic Sea	63,2	30,9	5,9	65,7	12,3	22,0
F	Mediterranean Sea	36,8	40,0	23,2	32,2	32,0	35,8
G	Africa (W)	23,6	26,7	49,7	31,7	4,4	63,9
H	Africa (S)	26,7	22,3	51,0	15,8	9,2	75,0
I	ROPME Sea Area	54,4	35,7	9,9	42,5	18,3	39,3
J	India Ocean	32,3	15,0	52,6	31,5	5,4	63,1
K	East Asia	41,6	25,3	33,1	47,1	20,5	32,4
L	South West Pacific	14,6	27,5	57,8	6,4	6,5	87,1
M	Antarctica	4,8	22,8	72,3	3,0	11,7	85,3
N	Artic Region	51,8	23,5	24,8	40,3	3,5	56,3
	World Average of Surveyed Areas	38,8	26,6	34,6	31,6	12,3	56,1

Note: the status of hydrographic surveys are provided by coastal States or their primary charting authority for their areas of national jurisdiction and does not include the areas beyond national jurisdiction (the Area as defined by the UNCLOS).