

Hydrographic Services and Standards Committee

Report by HSSC Chair/IHO Secretariat

HSSC11-04.2C

HSSC comments and proposals
for the « Future Strategic Plan of IHO »

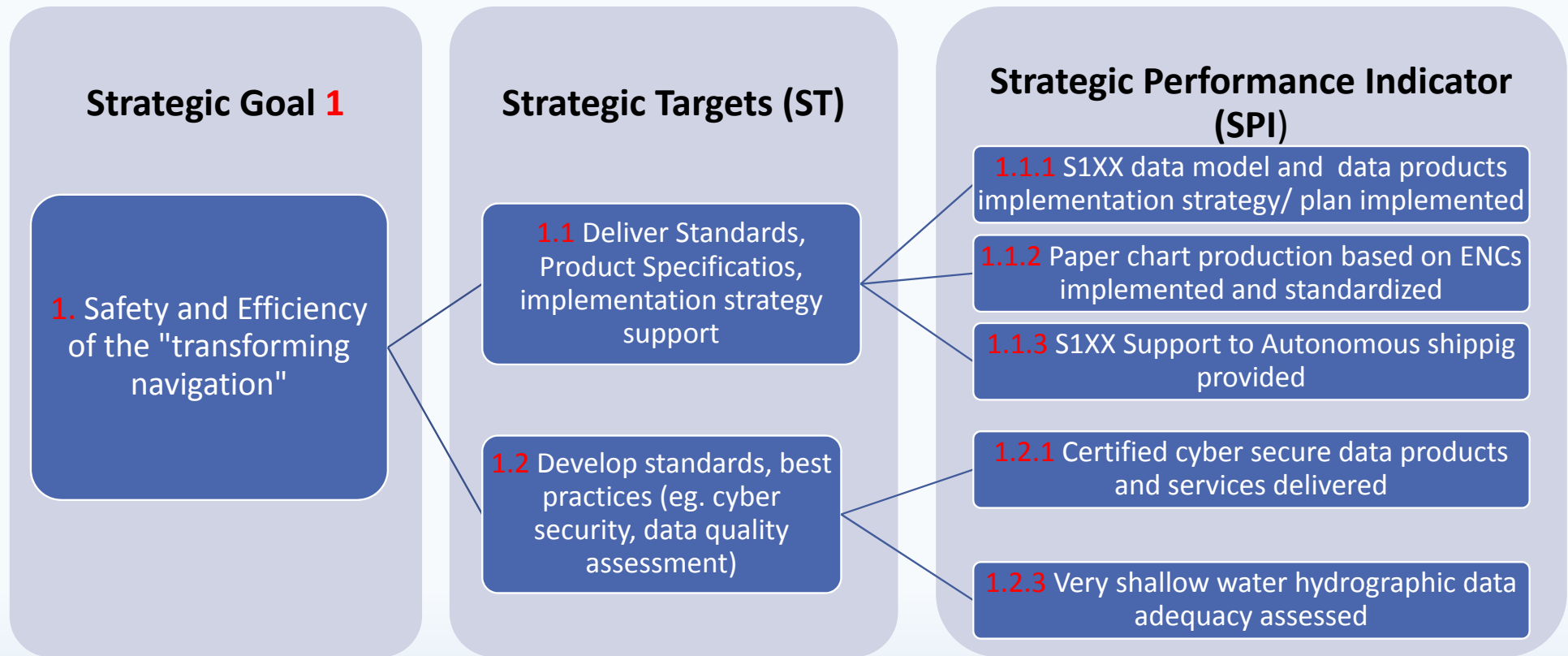


Introduction

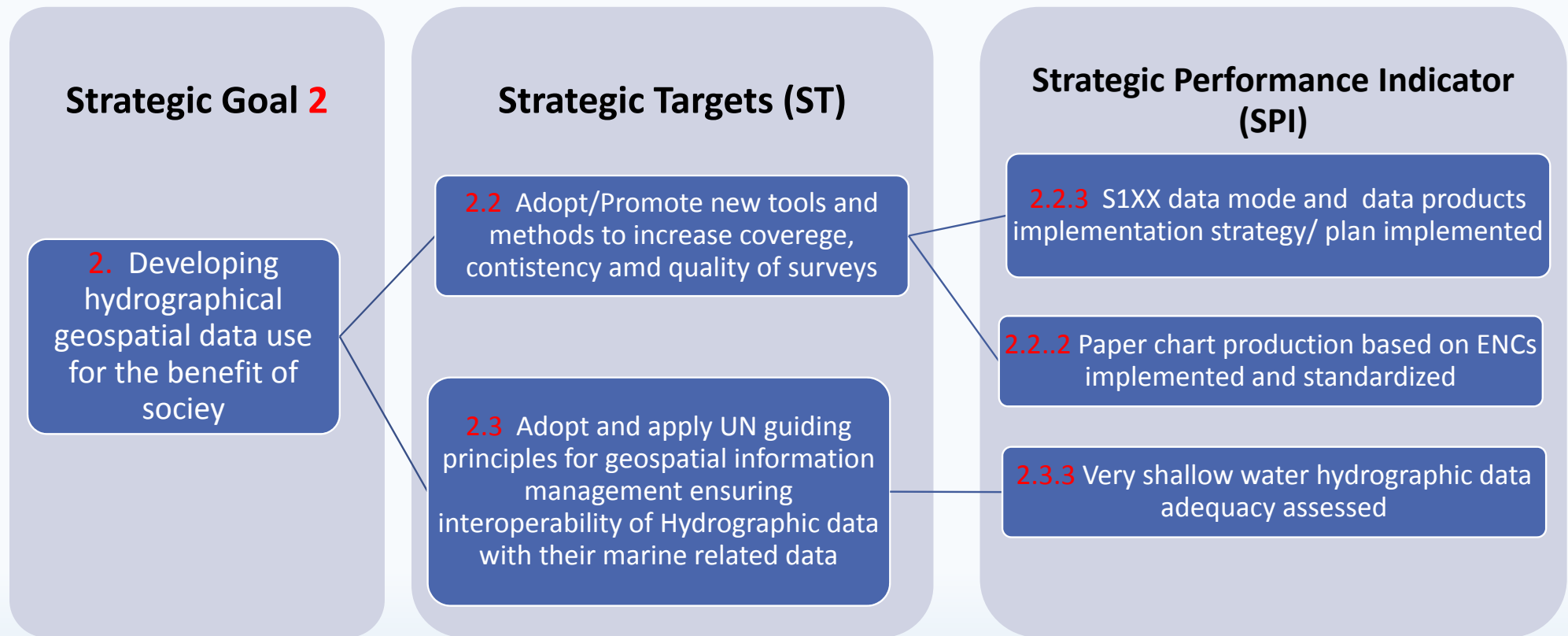
- SPRWG provided a “Draft IHO Strategic Plan” (17th March 2019) where are defined:
 - Strategic Goals
 - Strategic Targets (ST)
 - Strategic Performance Indicators (SPI)
- HSSC relevant elements of the Future IHO Strategic Plan to be considered
- HSSC Chairs were asked to provide their comments on ST and SPI



Future Strategic Plan



Future Strategic Plan



Future Strategic Plan

S.P.I.	WG	Open topics
1.1.1	NIPWG, <u>S100 WG</u> , ENC WG	Draft S-1xx Implementation in preparation
1.1.2	<u>NCWG</u> , ENCWG	NCWG role to be evaluated in accordance with paper chart future
1.1.3	<u>S100 WG</u> , NIPWG, ENCWG, DQWG	
1.2.1	ENCWG, <u>DQWG</u>	
1.2.3	<u>HSPT</u> , DQWG	
2.2.1	<u>DQWG</u>	
2.2.2	<u>HSPT</u>	
2.3.1	<u>S100 WG</u> , NIPWG, DQWG	



Analysis/Discussion (1)

- Effectiveness of SPI (measurability): general concerns arose about the effectiveness of SPIs and in particular their measurability. A correlated implementation strategy is necessary to achieve the Strategic Targets.
- Connection with the implementation strategy
 - Under development
 - Connection between S-100 Readiness Levels and SPIs
 - (eg. SPI 1.1.1 - S1XX data model and data products implementation strategy/plan implemented)



Analysis/Discussion (2)

- Specific comments about STs, and SPIs provided by WG Chairs
- *Strategic Goal 1: Safety and Efficiency of the “Transforming Navigation”*
 - Explain the concept of “transforming navigation” and correlate it with the S-1xx concept
 - **Handover point between HSSC and IRCC responsibilities** should be defined. Where does HSSC responsibility ends?
 - Requirements of autonomous shipping to be known in advance



Analysis/Discussion (3)

- Specific comments about STs, and SPIs provided by WG Chairs
- *Strategic Goal 2: Developing the use of hydrograph geospatial data for the benefit of society*
 - Quality indicators should be applied to all sorts of hydrographic data. How to achieve that?
 - Harmonize DQ indicators within S1xx PS
 - DQ indicators used in the marine domain should be used or translated to land based geo-information systems (eg. Ports, channels, rivers, etc...)



Additional considerations

- Some HOs currently have limited expertise in data models
 - Who will do what?
- Man-machine interaction to be built up
 - What about the industry?
- ISO and other international standards regarding S-1xx aspects of interest should be monitored and WGs should be advised accordingly
 - Who will do that?
- DQWG could provide advices to IRCC WGs/PTs and communicate with other stakeholders outside the IHO for DQ correlated matters
 - Which are the other main connections with IRCC WGs or other external actors?



Future work programme

- Current work is on track against the HSSC Work Plan 2020. All HSSC action items are scheduled, already completed or undergoing
- HSSC WGs were also invited to analyse the draft Future Strategic Plan in preparation of the **HSSC Work Programme (2021-2023)**



Action required of HSSC

- Comments provided represent the first step towards a consolidated contribute paper for the SPRWG
- The HSSC WGs are invited to:
 - Note this paper
 - Support HSSC Chair in the production of a coordinated HSSC input paper for the SPRWG
 - Be ready to update the HSSC Work Programme in accordance with the revised SP as approved
 - Make any proposal as appropriate

