

**5TH MEETING OF THE HYDROGRAPHIC SERVICES AND STANDARDS COMMITTEE
Shanghai, China, 5-8 November 2013**

Paper for Consideration by HSSC

Programme Performance Indicators for HSSC

<i>Submitted by:</i>	IHB
<i>Executive Summary:</i>	This paper reports on the implementation of the operational performance indicators for HSSC.
<i>Related Documents:</i>	IHO Strategic Plan 2009 Final minutes of HSSC2 (section 4A) HSSC4-04.1A - <i>Programme Performance Indicators for HSSC</i> Final minutes of HSSC4 (section 4.1) Draft Annual Report of the IHO for 2012 - Appendix V - <i>Status Report on Performance Monitoring</i>
<i>Related Projects:</i>	HSSC Work Plan.

Background

1. The introduction of IHO performance indicators (PI) was decided at the 4th Extraordinary International Hydrographic Conference (EIHC4) together with the adoption of the IHO Strategic Plan. EIHC4 adopted nine strategic performance indicators (SPI) associated to the seven objectives of the IHO and invited the IHB Directing Committee to consider, in liaison with the HSSC and the IRCC the implementation of working level (operational) performance indicators (WPI) based on an inventory of potential indicators associated with the strategic directions.
2. In 2012, the 18th International Hydrographic Conference (IHC18) welcomed the monitoring system to be put in place by the IHB Directing Committee based on the agreed SPIs. The HSSC and the IRCC were invited to review the WPIs relevant to them.
3. In 2010 HSSC2 had developed a simplified and pragmatic set of WPIs for consideration by the Directing Committee. HSSC4 (September 2012) decided to implement the WPIs agreed by HSSC2, with two minor adjustments, and invited the IHB to include them in the IHO monitoring report for 2012. The committee decided also that HSSC5 would revisit the usefulness of the adopted WPIs (action HSSC4/05).

Analysis

4. The status of HSSC WPIs as of 31 December 2012 has been reported in Table 2 of Appendix V of the draft annual report of the IHO for 2012. A copy is shown in annex A to this paper.
5. The compilation of the status of the WPIs has been relatively straightforward except for the PI of percentage of annual work programme achieved and the number of ENC's distributed annually under licence.
6. In order to account for the fact that the current work plans of HSSC Working Groups (WG) vary in their precision, the following simple rules have been adopted to compile the percentage of annual work programme achieved:

- a. when the column “End Date” of the work plan has been completed for all work items with status “on-going”, the progress of the WG has been measured by the number of work items completed in 2012 and the total number of “on-going” work items marked 2012 in the column “End Date”;
- b. when the column “End Date” has not been completed for one or several “on-going” work item(s) the progress of the WG has been measured by the number of high priority work items completed in 2012 and the total number of high priority work items (marked “H” in the “Priority” column).

The percentage of annual work programme achieved has then been calculated by summing the two sets of numbers for all the work plans. A more robust assessment would require that the column “End Date” be completed for all “on-going” work items. However, the result (17%) achieved so far, seems to indicate that the timings associated with the current work plans are generally over-optimistic.

7. The number of ENC’s distributed annually was compiled from the data provided by Primar and IC-ENC directly to the IHB. It does not account for ENC’s distributed through other channels.

8. As this is the first year that the HSSC WPIs have been compiled, there is no historical data available from which to derive trend statistics or to draw conclusions with regard to progress.

Recommendations

9. Based on the above analysis, it is recommended to:
 - 9.1. ensure that the level of detail, particularly concerning timing, in the WG work plans is homogenous and that the work plans identify clearly the work items which are expected to be completed in the subsequent year;
 - 9.2. invite the WEND WG to assess how representative is the ENC usage indicator if it is based solely on the inputs from Primar and IC-ENC, and to propose alternatives if it is appropriate;
 - 9.3. retain the current WPIs until sufficient historical data is available to assess their usefulness;
 - 9.4. consider whether additional operational indicators could help in assessing further the general performance and added value of HSSC;
 - 9.5. confirm the data collection points and methodologies.

Action required of HSSC

10. The HSSC is invited to:
 - a. **note** this report;
 - b. **consider** the recommendations in paragraph 9, and
 - c. **take** any other action as appropriate.

Annex A

Extract from the draft Annual Report of the IHO for 2012

HSSC WPIs

Metric	Data Collection Point	Rationale	Status 31 Dec 2012
Number of S-100 based product specifications approved	IHB	Relative indicator of uptake of IHO standards including for purposes other than SOLAS navigation	1 S-102 (CL 10, 41)
Percentage of annual work programme achieved	HSSC WGs (all)	Progress against objectives in the strategic plan	17%
Total number of participants at meetings (MS and Expert Contributors)	HSSC WGs (all)	Indicates participation of MS and wider community in execution of the plan	168 <i>MS: 131</i> <i>Expert Contrib.: 37</i>
Number of technical revisions and clarifications approved	IHB	Indicative of ability to provide comprehensive, safe and effective standards	5 ¹ M-3 (CL 20, 84, 94) S-4 (CL 67) S-11 Part A (CL 56) S-32 (CL 76) S-63 (no CL)
Number of ENC's distributed annually under license (equivalent annual licences)	WEND WG	Relative indicator of ENC usage throughout SOLAS market	2 052 269 Primar: 1 283 092 IC-ENC: 769 177

¹ All revisions and clarifications approved in 2012 relates to normal updates.