

Paper for consideration by HSSC9

S100WG and NIPWG input paper to amend IHO resolution 2/2007

Submitted by:	NIPWG+S100WG
Executive Summary:	Provision of a draft Annex to IHO Res 2/2007 which describes the conduction of an Impact study
Related Documents:	IHO Publication M-3-Resolutions of the IHO-2 nd Edition-2010 - Updated to June 2017 Assembly 1, Report of Proceedings
Related Projects:	NIL

Introduction / Background

The resolutions of the IHO are collated and published in IHO Miscellaneous Publication M-3. They provide inter alia guidance and recommendations on which information should be provided in nautical publications. Having the entitlement to reflect the current standard of hydrographic technologies, the resolutions experience regular updates.

The current 2nd edition is dated 2010 and is updated to June 2017. Appropriate entries provide reference information on which International Hydrographic Conference or Assembly decision the amendments/ deletions/ additions are based on.

HSSC has been tasked by Assembly-1 Action Decision 12 to review Resolution 2/2007. This paper provides first inputs to the discussion.

Analysis/Discussion

The Resolution 2/2007 is the mandatory resolution when making changes to IHO specifications. Requests to improve the information provided in this Resolution have been addressed by the Assembly-1 (proposal 6). In particular, the Resolution should take into account that S-100 based Product Specifications can interact together and therefore, the impact of Product Specifications should be investigated.

It was addressed to specify the conduction of an impact study in more detail. The forthcoming introduction of the first two Product Specifications for Nautical Publication information, and the intention to conduct an assessment on the effects on various stakeholders, raised the need to have a standardised impact study format. This format has been commonly developed by the S-100WG and NIPWG and is provided as an Annex to this paper.

Justification and Impacts

The proposed Resolution 2/2007 Annex provides Guidance and will harmonise the impact study procedure. The harmonisation makes impact study results comparable. No significant impact on resources has been expected. Rather, it can be assumed that the preparation time and efforts of impact studies according to IHO resolution 2/2007 will be reduced.

Recommendations

The proposed input draft paper should be seen as a starting point to satisfy the request of the Assembly-1 decision.

Action required of HSSC9

The HSSC9 is invited to:

- a. note this paper,
- b. assign the further development of the Resolution 2/2007 review to S100WG and to invite NIPWG to contribute on request.

ANNEX

Proposed ANNEX to Resolution 2/2007

GUIDANCE ON CONDUCTION OF AN IMPACT STUDY

Description of the purpose of the study (testable hypotheses)

An impact study plan should include the general description of the impact assessment and a plan to conduct the study.

The general description should specify a set of hypotheses about the outcomes and impacts of the study.

There are three distinct levels of potential impact that a change to the standard might have:

- Does the new version of a standard impact on the market and business procedures?
- Does the new version of a standard impact on producing offices/agencies?
- Does the new version of a standard impact on the stakeholders?

Identification of measurable indicators

Measurable indicators should be defined that can be used to determine potential impacts to the community. The results of the survey questionnaire will populate the indicators.

Identification of potential stakeholders

A list of potential stakeholders is being maintained by the IHO Secretariat and should be available. The initiator of the impact study should select those stakeholders on which the intended new standard has significant impact.

It is recommended to approach following sources:

- Software developer
- Implementers
- End users

Identification of appropriate survey tools and methods

Online tools should be used for the survey. Stakeholders should be approached by e-mail. The survey should be conducted under the supervision of the initiating organisation or IHO Working Group.

Specification of the survey duration

The survey time should be limited to 3 months as the maximum duration.

Specification of the result assessment methods

The intended assessment method should be specified before the survey will be initiated. That ensures that the assessed results are transparent and that misinterpretations will be prevented.

Specification of requested actions and dissemination of the findings

The findings of the impact study should be summarized and the findings should be made public on the IHO website.

The in-depth analyses should be conducted by the initiating organisation and be supervised by the IHO Secretariat. That ensures that the analytic capacity is available and that the results will be compiled correctly.

The raw data should be stored for backward research and for transparency. The cleaned data should be provided in tables, diagrams or other appropriate formats.

The final report and the outcome of the study should be forwarded to the IHO-Secretariat and should be publicly available on the IHO website. That ensures that others who are in the position to use the results for their work too can benefit from the study.