

## Paper for consideration by HSSC10

## Proposal to amend M-3 sections

<b>Submitted by:</b>	NIPWG
<b>Executive Summary:</b>	Summary of M-3 amendments proposal
<b>Related Documents:</b>	HO Publication M-3-Resolutions of the IHO-2 <sup>nd</sup> Edition-2010 - Updated to June 2017
<b>Related Projects:</b>	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 2<sup>nd</sup> 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.

Based on an HSSC action item, the sections relevant for the NIPWG work have recently experienced a validation check. Several issues have been detected which may require an amendment either by deletion or amendment.

**Analysis/Discussion**

NIPWG has a work item which requests the regular review of those M-3 sections which are relevant for nautical publications. Relevant is section 2.4 (Publications) with the following parts:

- 2.4.1 (General),
- 2.4.2 (Digital),
- 2.4.4 (Distance Tables),
- 2.4.5 (Radio Signals), and
- 2.4.6 (Sailing Directions).

It was detected that only a few items may require an amendment to reflect the current methods of information provision. Those are:

**Part 2.4.1**

<b>TIME REFERENCE</b>	<b>7/2009</b>		<b>A2.17</b>
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It is resolved that all references to time in nautical publications should be referred to the Universal Time Co-ordinated (UTC) standard, e.g. 1537 (UTC), 1637 (UTC+1), etc. If considered necessary, a note may be included indicating that UTC has replaced GMT.

**Part 2.4.5**

<b>UNIFORM SEQUENCE OF INFORMATION</b>	<b>9/1932 as amended</b>	<b>IHC 4</b>	<b>E2.4</b>
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It is resolved that the various particulars for each category of station shall be listed in the following uniform sequence:

- a) Serial (or index) number.
- b) Name of the station (call signal).
- c) Geographical position: latitude and longitude (taken from the largest-scale original coastal chart). If necessary, the positions of the transmitter and the receiver shall be given.
- d) Wave (or waves: call, bearing, transmission), type, power.
- e) Hours (G.M.T.)
- f) Nature of service.
- g) Sectors of utilization and, possibly, range.
- h) Call station (if necessary).
- i) Characteristics of signal or of message (sources of data, codes utilized, areas concerned, clear weather transmission, etc.).

Note: FOR REASONS OF ECONOMY, DELEGATES ARE KINDLY REQUESTED TO BRING THEIR OWN COPIES OF THE DOCUMENTS TO THE MEETING

- j) Procedure: preparatory signal, form of message, repetitions, errors.
- k) Auxiliary or supplementary signals.
- l) Control stations, combined stations, relay stations, synchronization.
- m) Remarks, changes, etc.

**Part 2.4.6**

<b>ARRANGEMENT OF INFORMATION</b>	<b>4/1982 as amended</b>	<b>IHC 16</b>	<b>C2.8</b>
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It is recommended that in printed publications the information in chapters or sections be arranged as follows. The style may be in the form of a notebook with bullet point side headings containing single sentence statements. Information that properly rests in another publication shall be omitted or reference only made to that publication.

- a) Waterways and coast
  - i) Chapters or sections should begin with introductory paragraphs dealing with general information applicable to the whole area of the chapter or section, see below:  
...
  - ii) After the introductory paragraphs, each significant portion of the waterway or coastal route should contain the following information of a more local nature:  
...
- b) Port information:
  - Name and position of port or harbour;
  - Limits of port;
  - General remarks on type of port, main function,
  - Port authority;
  - Limiting conditions due to draught, size of vessel See 2/1967 (C3.3) and 5/1962 C3.4);
  - Water level and mean tidal range;
  - Density or salinity of water if differing from normal seawater See 9/1962 (C3.14);
  - Ice;
  - Local meteorological conditions;
  - Arrival information required and notice for ETA;
  - Port information service, signal stations ;
  - Pilotage and tugs;
  - Regulations;
  - Outer anchorages and sea berths;
  - Tidal streams;
  - Entrance channel or fairway;
  - Traffic signals;
  - Directions for entering;
  - Berths, basins and depths of water See 5/1962 (C3.4);
  - Port facilities in brief for cargo handling, ro-ro, containers, lighters, cranes, etc;
  - Repair facilities, dry docking, and slipways;
  - Supplies of fuel, water, etc; and
  - Transport facilities from the port by sea, road, rail, canal and nearest main airport.

<b>POPULATION OF TOWNS</b>	<b>4/1937 as amended</b>	<b>IHC 12</b>	<b>C3.9</b>
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It is recommended that when the population of a town is stated, the year date of the census be also given, if known. If the figures mentioned are derived only from an estimate, it shall be so stated.

*Note: The purpose of this information is only to provide a convenient way of indicating the size and importance of the place.*

<b>DENSITY AND SALINITY OF WATER</b>	<b>9/1962 as amended</b>	<b>IHC 16</b>	<b>C3.14</b>
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It is recommended that, when available, the density and/or the salinity of the water at ports of the world be inserted in Sailing Directions.

See also 4/1982b (C2.8b).

The following proposed amendments are based on the fact that:

- general information is available from various internet sources,
- the information provided presently by ship's agents is more current and more accurate than by nautical publications,
- the information is no longer important for safe navigation, or
- the terms used have been changed since a resolution is in force.

IHO Resolution	Topic	Decision
7/2009	Time Reference	Replace the text by: "Time in nautical publications should be expressed as Universal Time Co-ordinated (UTC): Example 13:21 (UTC). Alternative time references may be used, as follows: 1. Local time with offset: Example 13:21 (UTC + 3) 2. Unspecified local time: Example 13:21 (Local Time) if time zone reference is provided within the publication."
9/1932 as amended	Uniform Sequence of information	Replace Item e) by "Operational Hours"
4/1982 as amended	Arrangement of information	Remove item: "Density or salinity of water if differing from normal seawater See 9/1962 (C3.14)"
		Replace item: "Repair facilities, dry docking, and slipways;" by "Repair facilities, dry docking, and slipways; and"
		Remove "and" n item "Supplies of fuel, water, etc; and" and close the item with a full stop.
		Remove item: Transport facilities from the port by sea, road, rail, canal and nearest main airport
4/1937 as amended	Population of town	Remove the resolution
9/1962 as amended	Density and Salinity of Water	Remove the resolution

A redline version of the referred recommendations is attached as Annex A.

### Justification and Impacts

The proposed amendments have been discussed with the Nautical Publications producing offices/agencies and no negative impacts on the end user are expected.

### Recommendations

The amendments should seek Member State endorsement and the resolutions should be amended accordingly.

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## **Conclusions**

The proposed amendments would

- apply the resolution(s) to the current methods of information provision,
- simplify the update of nautical publication information,
- provide clarification of information which is described differently at two places in the resolution.

## **Action Required of HSSC10**

The HSSC10 is invited to:

- a. note this paper,
- b. initiate the M-3 amendment process by submitting a draft resolution revision to the Council-2 to seek the Member State endorsement.

**Part 2.4.1**

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<b>UNIFORM SEQUENCE OF INFORMATION</b>	<b>9/1932 as amended</b>	<b>IHC 4</b>	<b>E2.4</b>
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- d) Wave (or waves: call, bearing, transmission), type, power.
- e) ~~Hours (G.M.T.)~~ **Operational Hours**
- f) Nature of service.
- g) Sectors of utilization and, possibly, range.
- h) Call station (if necessary).
- i) Characteristics of signal or of message (sources of data, codes utilized, areas concerned, clear weather transmission, etc.).
- j) Procedure: preparatory signal, form of message, repetitions, errors.
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**Part 2.4.6**

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- Water level and mean tidal range;
- ~~Density or salinity of water if differing from normal seawater See 9/1962 (C3.14);~~
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- Port facilities in brief for cargo handling, ro-ro, containers, lighters, cranes, etc;
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- Supplies of fuel, water, etc.; and
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