

Paper for Consideration by NIPWG

Revision of M-3 (Resolutions of the IHO) nautical publication sections

<b>Submitted by:</b>	Germany (BSH)
<b>Executive Summary:</b>	Provide information on proposals to amend M-3 sections relevant to nautical publications
<b>Related Documents:</b>	M-3
<b>Related Projects:</b>	none

**Introduction / Background**

The resolutions of the IHO are collated and published in IHO Miscellaneous Publication M-3. This current 2<sup>nd</sup> edition is dated 2010. The resolutions are continuously updated. Appropriate entries provide reference information on which International Hydrographic Conference decision amendments/deletions/additions are based on.

The NIPWG was tasked by HSSC to revise those M-3 sections which are relevant for nautical publications on a regular basis. 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).

**Analysis/Discussion**

Only a few items which may require an amendment or which need discussions have been detected during the revision process. 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,

1. a note may be included indicating that UTC has replaced GMT
2. a note may be included indicating that UTC has been replaced by Local Time (LT).

**Part 2.4.5**

<b>NUMBERING OF TYPES OF STATIONS</b>	<b>5/1937</b>		<b>E2.3</b>
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It is recommended that for purposes of quick reference each station be assigned an index number corresponding to the nature of the services it carries out and ensuring connection between the various chapters in which the same station appears.

The following system is recommended:

Index

- Coastal W/T Station 0 (optional)
- Direction finding station 1
- Radiobeacon 2
- Wireless time signals 3
- Meteorological bulletins; Storm warning signals 4
- Navigational warnings; Ice reports 5
- Distress notices 6
- Medical and quarantine advice 7
- Coastal wireless telephone station 8 (Optional)

<b>UNIFORM SEQUENCE OF INFORMATION</b>	<b>9/1932 as amended</b>	<b>IHC 4</b>	<b>E2.4</b>
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**Commented [JS-F1]:** Is that still the case? I can't remember that the printed UKHO or SHOM pubs providing those information

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.).
- 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.

Commented [JS-F2]: Same problem here

#### Part 2.4.6

ARRANGEMENT OF INFORMATION	4/1982 as amended	IHC 16	C2.8
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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;

Commented [JS-F3]: Useless in modern time

Supplies of fuel, water, etc; and  
Transport facilities from the port by sea, road, rail, canal and nearest main airport.

**Commented [JS-F4]:** Is it important for the mariner? Ordering a taxi is always an option.

<b>POPULATION OF TOWNS</b>	<b>4/1937 as amended</b>	<b>IHC 16</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.

**Commented [JS-F5]:** Wikipedia will provide more accurate information than SDs

<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.

**Commented [JS-F6]:** See yellow mark at part ii) b) which indicates that this information should only be provided if the salinity differs from normal sea water

### Conclusions

The proposed amendments would

- apply the resolution 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.

### Recommendations

Determine if the proposed amendments are worthwhile enough to be proposed for a M-5 revision.

### Action Required of NIPWG

The NIPWG is invited to:

- a. Note this paper.
- b. Discuss the proposed amendments.