**Radiocommunication Study Groups**

## Annex 33 to Working Party 5B Chairman's Report

## IMPLEMENTATION OF RESOLUTION 355 (WRC-07) CONCERNING THE LIST OF SHIP STATIONS AND MARITIME MOBILE SERVICE IDENTITY ASSIGNMENTS (LIST V)

### 1      Introduction

During the second meeting of Working Party 5B (Geneva, 29 October – 7 November 2008) the Bureau presented Document 5B/90 concerning the future consolidated new maritime publications and invited Working Party 5B to provide guidance based on its experience and expertise on maritime issues.

With reference to the new List of ship stations and maritime mobile service identity assignments (List V), considerable progress was achieved with regard to the proposed *contents and presentation of the data*, while it was decided that further discussion was needed, concerning the *form and periodicity* of this publication. Administrations were invited to provide their thoughts, through contributions, to future meetings of Working Party 5B concerning this List.

The conclusions of the work carried out, during that meeting, are reflected in Annex 34 to the Chairman's Report (Document 5B/175). An extract of this Annex is herewith attached to facilitate discussions for the forthcoming meeting.

Furthermore, some administrations re-iterated the need to publish the new list also in a paper form.

The intention of this document is to present to administrations certain options regarding the possible "paper" form of the new List V that the Bureau has identified, taking into consideration the current publishing policy, as mentioned in point 2 below and the statistics concerning the number of ships recorded with an MMSI.

### 2      Current situation concerning List of ship stations (List V)

The current List of ship stations is composed of two parts: a paper publication and a CD-ROM.

In the paper publication, Section III contains all ship stations that have been notified to the ITU with an MMSI, with the exception of ships notified with general classification PL (pleasure) and/or individual classification YAT (yacht).

The CD-ROM contains all ship stations notified to the ITU in a pdf format as well as in database format.

The 2009 Edition of the List of ship stations (paper publication) is approximately 1 200 pages. It should be noted that approximately 100 ship stations are printed on each page of the paper publication.

## 2.1 Statistics

| Contents of the ITU ship stations database (as of 24 February 2009) | |
| --- | --- |
| Total number of ships recorded | 542 884 |
| Total number of ships recorded with an MMSI | 313 333 |
| Total number of PL and/or YAT classes of ships recorded with an MMSI | 192 950 |

Breakdown of ship stations notified with an MMSI number:

| MMSI format | Total number of ships | PL and/or YAT |
| --- | --- | --- |
| Three trailing zeros (000) | 48 989 | 4 998 |
| Two trailing zeros (00) | 26 452 | 12 215 |
| One trailing zero (0) | 140 422 | 106 866 |
| No trailing zero | 97 470 | 68 871 |

## 3 Possible options regarding the "paper" form of the new List V

## 3.1 General considerations

Administrations are invited to note that:

a)      the "paper" form of the new publication should also contain the MMSI assignments to stations other than ships as mentioned in Sections II to IV (see attachment);

b)      the information should be presented in a columnar format;

c)      the CD-ROM should contain all the data as published in the paper form as well as a database format similar to the MARS website.

**3.2**      The Bureau invites administrations to review the options below in order to determine the most appropriate form of the future "paper" publication:

## Option 1:

The new publication should contain, in Section I (MMSI assigned to ship stations) of the paper form, the ship stations that meet the **"current"** criteria (i.e. all ship stations that have been notified to the ITU with an MMSI, **with the exception of** ships notified with general classification PL (pleasure) and/or individual classification YAT (yacht)).

Based on the statistics mentioned above, 120 383 ships meet this criteria. Therefore it is envisaged that this section would comprise 1 200 pages (approx.).

**Option 2:**

The new publication should contain, in Section I (MMSI assigned to ship stations) of the paper form, **ALL** ship stations that have been notified **to the ITU with an MMSI having three or two trailing zeros.**

Based on the statistics mentioned above, <u>75 441</u> ships meet this criteria. Therefore it is envisaged that this section would comprise 760 pages (approx.).

**Option 3:**

The new publication should contain, in Section I (MMSI assigned to ship stations) of the paper form, **ALL** ship stations that have been notified to the ITU with an MMSI having **three, two or one trailing zeros**:

a)      ALL:

Based on the statistics mentioned above, <u>215 863</u> ships meet this criteria. Therefore it is envisaged that this section would comprise 2 200 pages (approx.).

b)      Excluding those that are classified as PL and/or YAT:

Based on the statistics mentioned above, <u>91 784</u> ships meet this criteria. Therefore it is envisaged that this section would comprise 950 pages (approx.).

Option 4:

The new publication should contain, in Section I (MMSI assigned to ship stations) of the paper form, **ALL** ship stations that have been notified with an MMSI.

Based on the statistics mentioned above, <u>313 333</u> ships meet this criteria. Therefore it is envisaged that this section would comprise 3 300 pages (approx.).

**4      Concluding remarks**

The deadline established in Resolution **355 (WRC-07)** for the completion of the studies and implementation of the results in view of developing a functional series of maritime service Publications (List IV and List V) is 31 December 2010.

An early completion of the studies on the new List V is required to allow the Bureau the necessary time to develop the new database and related software, including the migration of data.

Considering the significant progress already made during the last meeting of Working Party 5B, the Bureau appreciates every effort to finalise, if possible during the forthcoming meeting, the remaining issues, namely the contents and presentation of the data, the form and the periodicity of the new List V.

# Attachment

**1      Considerations regarding the consolidated new publication – List of ship stations and maritime mobile service identity assignments (List V)**

## 1.1      Proposed content

–      Part A (paper publication):

| Preface | Preface + Tables of reference: |
|---|---|
| | • International call sign series (Appendix **42** of the Radio Regulations); |
| | • Blocks of coast station identification numbers; |
| | • Blocks of selective call numbers for ship stations and selective call numbers for groups of ship stations; |
| | • Maritime identification digits (MID); |
| | • Symbols and abbreviations used in the List. |
| | • Global statistics; Statistics by country |
| Section I | Ship stations for which **an MMSI has been notified** to the Bureau |
| Section II | MMSI assigned to coast stations |
| Section III | MMSI assigned to aircraft |
| Section IV | Predetermined groups of stations assigned a common call sign and/or numerical identities (i.e. selective call numbers and/or MMSI) |
| Annex I | Contact information – Accounting authority identification codes (AAICs) |
| Annex II | Contact information – Administrations responsible for the notification of data to this publication |

–      Part B (CD-ROM publication):

| | **Contents** |
|---|---|
| Preface | Preface, Tables of reference |
| **Database** | All information published in the Part A <u>as well as</u> other notified ship stations in a database format along with a software interface similar to the ITU MARS system (http://www.itu.int/ITU-R/terrestrial/mars) |
| Others | |

## 1.2    Proposed presentation of data in the List

### Section I (MMSI assigned to ship stations)

| Field | Data | Yes | No | Comments |
|-------|------|-----|-----|----------|
| 1 | Maritime mobile service identity (MMSI) | X | | |
| 2 | Name of station | X | | |
| 3 | Call sign | X | | |
| 4 | Country | X | | |
| 5 | Auxiliary installations | X | | Information concerning number of lifeboats fitted with radio apparatus. Optionally show type of auxiliary equipment (EPIRBs) indicated by a symbol |
| 6 | Class of ship | X | | |
| 7 | Vessel identification (IMORegistration number) | X | | Either the IMO number or the national registration number |
| 8 | Gross tonnage | X | | |
| 9 | Capacity for persons on board | X | | Total number of passengers and crew |
| 10 | Nature of service | | [X] | [Appendix 4] |
| 11 | Telegraph transmission frequency bands | X | | With the exception of symbol W - bands between 110 and 160 kHz; Note to BR: Remove symbol "W" from next and future editions |
| 12 | Telephone transmission frequency bands | X | | |
| 13 | Accounting authority | X | | |
| 14 | MMSI assigned to craft associated with parent ship | X | | |
| 15 | Selective call number(s) | X | | Where applicable |
| 16 | Inmarsat number(s) | X | | |
| 17 | Ship radio installations | X | | |
| 18 | Other information required (please specify in comments field) | X | | |

## Section II (MMSI assigned to coast stations)

| Field | Data | Yes | No | Comments |
|-------|------|-----|-----|----------|
| 1 | Maritime mobile service identity (MMSI) | X | | |
| 2 | Name of station | X | | |
| 3 | Call sign | X | | Where applicable |
| 4 | Country | X | | |
| 5 | Type of station | X | | e.g. SAR station, port station, coast station providing public correspondence, AIS station, etc. |
| 6 | Contact information | X | | e.g. Fax number, telephone number, etc. |
| 7 | ~~Other information required~~ Geographical position of coast stations ~~(please specify in comments field)~~ | X | | Include: 1. Geographical position of coast stations |
| 8 | Other information required (please specify in comments field) | | | Suggestion to add sea area information, (Note - This would require administrations to notify this information for the future List IV) |

## Section III (MMSI assigned to SAR aircraft)

| Field | Data | Yes | No | Comments |
|-------|------|-----|-----|----------|
| 1 | Maritime mobile service identity (MMSI) | X | | |
| 2 | Country | X | | |
| 3 | Aeronautical registration/Call sign | X | | |
| 4 | Type of aircraft | X | | |
| 5 | Licence holder | X | | |
| 6 | Maritime radio equipment | X | | |
| 7 | Other information required (please specify in comments field) | | | |

**Section IV (MMSI assigned to AIS aids to navigation stations)**

**Detailed – updated - information available via the ITU MARS database**

| Field | Data | Yes | No | Comments |
|---|---|---|---|---|
| 1 | Maritime mobile service identity (MMSI) | X | | |
| 2 | Country | X | | |
| 3 | Type of AtoN | X | | Note: Symbols to signify Real, Synthetic, Virtual<br>To be created. Maximum 2 characters |
| 4 | Position (longitude) | X | | |
| 5 | Position (latitude) | X | | |
| 6 | Dimension (height x width x length) | X | | |
| 7 | Type of electronic position fixing device | X | | |
| 8 | Contact information | X | | |
| 9 | Other information required (please specify in comments field) | | | |

## Section IV (Predetermined group of stations)

| Field | Data | Yes | No | Comments |
|---|---|---|---|---|
| 1 | Maritime mobile service identity (MMSI) | X | | |
| 2 | Country | X | | |
| 3 | Group name | X | | |
| 4 | Call sign | X | | |
| 5 | Selective call number | X | | Where applicable, e.g. SSFC, NBDP information |
| 6 | Other information required (please specify in comments field) | | | |

## Annex I (Contact information – Accounting authorities (AAICs))

| Field | Data | Yes | No | Comments |
|---|---|---|---|---|
| 1 | Country code | X | | |
| 2 | AAIC code | X | | |
| 3 | Address | X | | |
| 4 | Other information required (please specify in comments field) | | | |

**Annex II (Contact information – Administrations notifying data)**

| Field | Data | Yes | No | Comments |
|---|---|---|---|---|
| 1 | Country code | X | | |
| 2 | Address | X | | |
| 3 | Other information required (please specify in comments field) | X | | |

## 1.3    Form

| | Yes | No | Comments |
|---|---|---|---|
| Paper + CD-ROM (current form) | X | | 1. = Option 1 of paragraph 3 of this doc.<br>2. CD Rom containing searchable database |
| | | | |
| Downloadable electronic file (PDF) from the ITU-R website | | X | |
| | | | |
| CD-ROM | | | |
| | | | |
| Others | | | |

## 1.4    Periodicity

No supplements. ITU MARS should continue to be updated on a weekly basis.

Regarding the preferred periodicity, the membership should be consulted with regard to several options, as indicated hereunder.

| | Yes | No | Comments |
|---|---|---|---|
| **Paper + CD-ROM** | | | |
| Every six months | | | |
| Once a year | X | | |
| Others | | | |
| **Downloadable electronic file (PDF) from the ITU-R website** | | | |
| Every three months | | | |
| Every six months | | | |
| Once a year | | | |
| Others | X | | Ships identification and selected data should, upon request, be regularly updated and provided to SAR organizations. |