Malaysian Communications and Multimedia Commission

Internal Procedure and Guidelines on Maritime Mobile Service Identity (MMSI) for Ship Stations.

This Internal Procedure and Guidelines is issued as a source of information and guidance to staff of the Commission. The information contained in this will be updated from time to time by Technical Division either via an addendum or a revised guidelines.

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INTENT

1. The intent of this document is to provide information on the formation and management of Maritime Mobile Service Identity (MMSI). It will also serve as a guide on the process and assignment of MMSI to ship stations on their apparatus assignment in the country; taking into consideration the International Telecommunication Union (ITU) Circular-letter CM/4 dated 9 February 1998 and Appendix 43 of the ITU Radio Regulations.

INTRODUCTION

2. Vessels at sea are served by a complex and worldwide access to terrestrial maritime public correspondence, satellite telecommunications, radio navigation and safety services. For an efficient service and to ensure an effective search and rescue operation during the time of distress, it is therefore essential to have a unique ship station identification system.

3. MMSI is a nine-digit number assignment system to uniquely identify maritime mobile service. For ship stations, the MMSI comprises of a 3 digit country of registration identifier (Maritime Identification Digits or MID) followed by a 6 digit ship identity.

4. The International Maritime Organisation (IMO) has mandated the full implementation of Global Maritime Distress and Safety System (GMDSS)[1] by 1 February 1999 . All ocean-going passenger ships and cargo ships larger than 300 gross tonnage must be equipped with the necessary GMDSS radio communications equipment by that date.

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[1] GMDSS is a worldwide network of automated emergency communication for ships at sea. Search and Rescue (SAR) authorities on shore as well as shipping in the immediate vicinity of a distressed ship will be rapidly alerted through satellite and terrestrial communication techniques to a distress incident so that they could assist in a coordinated SAR operation with the minimum delay.

5. The MMSI is meant to be an all-inclusive ship electronic identity, used in one form or another by every GMDSS or telecommunications instrument on board. It is programmed into the automatic radio communications system such as the digital selective calling (DSC), satellite earth station (SES) and the emergency position-identified radio beacon (EPIRB).

ELIGIBILITY

6. MMSI maybe assigned upon request to Malaysian registered commercial and recreational vessel that requires such identity :

   6.1. as a unique international standard number for locating and contacting the vessel in cases of distress;

   6.2. for Rescue Coordinating Centre (RCC) to gain useful information with regard to the vessel ownership and identity, the intended route and information of other radio equipment on board;

   6.3. for worldwide access and a common number for billing and settlement of account. As for the case of INMARSAT SES or other INMARSAT earth terminal that may commissioned to be used as the land base terminal;

   6.4. to gain automatic connectivity by telephone or telex from ship to shore and shore to ship or through suitably equipped coasts station;

   6.5. for ship-to-ship selective calling incorporating automated radio communications system.

FORMATION OF MMSI TO SHIP STATION

M	I	D	X_4	X_5	X_6	X_7	X_8	X_9
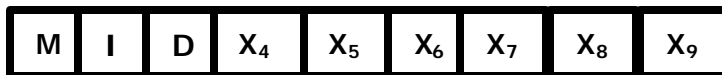
7. In its basic form, the MMSI for a ship station is a nine digit number comprising of a 6 digit number preceded by a 3 digit Maritime Identification Digit or MID, unique to a particular country. The ITU has allocated a single MID to each administration and the MID for Malaysia is 533. Request for a second MID could only be made upon exhaustion of the existing MMSI allocation.

8. The MMSI for ship stations registered in Malaysia would take the form:

5	3	3	X_4	X_5	X_6	X_7	X_8	X_9
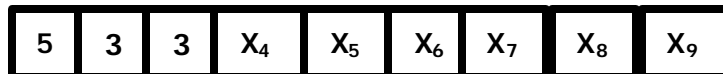
where X_4, X_5, X_6, X_7, X_8, and X_9 are any digit 0 to 9.

9. The MMSI is structured into four different format depending on the type of ship station radio communication equipment, type of access and the area of operation.

10. **Format 1 :   no trailing zero**

5	3	3	X_4	X_5	X_6	X_7	X_8	X_9
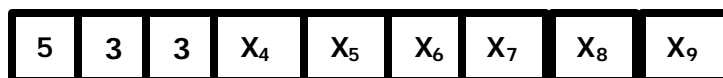
where: X_4, X_5, and X_6, are any digit 0 to 9

X_9 is any digit 1 to 9

X_8 is any digit 0 to 9 (it could not be 0 when X_9 is also 0)

X_7 is any digit 0 to 9 (it could not be zero when X_8 and X_9 are 0s)

13.1   Assignment Eligibility:

Ship that requires numerical identification operating in domestic water for terrestrial radio communications access requiring manual coast station intervention to place calls as well as If ships fitted with INMARSAT standard system A or any other satellite equipment other than INMARSAT B, C or M.
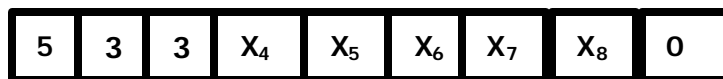
11. **Format 2:   one-trailing zero**

5	3	3	X_4	X_5	X_6	X_7	X_8	0

where: X_4, X_5, and X_6, are any digit 0 to 9

X_8 is any digit 1,4,5,6,7,8,9[2]

X_7 is any digit 0 to 9 (it could not be zero when X_8 is 0)

14.1   Assignment Eligibility:

Ship stations intended to receive automatically only from the country of ships' registry shore-to-ship originated terrestrial radio communication traffic without the domestic coast station intervention as well as ships which are fitted with INMARSAT C ship earth station, or it is expected to be so equipped in the foreseeable future.

12. **Format 3:   two-trailing zero**

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[2] Digits 2 and 3 are reserved for potential use in future plan.

5	3	3	X_4	X_5	X_6	X_7	0	0

where: X_4, X_5, and X_6, are any digit 0 to 9

X_7 is any digit 1 to 9

15.1   Assignment Eligibility:

Ship stations intended for automatic shore-to-ship terrestrial radio communications access through the coast stations of a group of countries within a region.

13. **Format 4:   three-trailing zero**

5	3	3	X_4	X_5	X_6	0	0	0

where: X_4, X_5, and X_6, are any digit 0 to 9

16.1   Assignment Eligibility:
Ships on international voyages requiring automatic international terrestrial radio communication access through coast stations of countries as well as ship fitted with INMARSAT B and M (ship earth station), or is expected to be equipped in the foreseeable future, and for INMARSAT earth terminal commissioned to be use as land base terminal.[3]

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[3] The ITU-T recommendation requires that INMARSAT ship earth stations be assigned the identity (MESIN) TMIDXXXZZ, where T digit indicates the type of INMARSAT terminal, e.g., "6" for INMARSAT M, ZZ indicates the INMARSAT ship's extension number (the primary extension is always "10"), and MIDXXX indicate the ship station number, which relates to the assigned ship station identity MIDXXX000, since, the ITU-R Recommendation E.125 requires maritime mobile earth station identities to be derived from an MMSI.

SHIP STATION IDENTITIES ASSIGNMENT

14. Table 1 classifies the formation of MMSI according to the ships' radio communication equipment capabilities and the area of operation for the appropriate assignment of ship station identity:

Table 1:   Assignment of MMSI To Ship Station

Communication	Access	Area of Operation	MMSI Format
Terrestrial/ INMARSAT A	Manual-Coast station (National)/ Satellite	Domestic waters/ All areas	Format 1 (533XXXXXX)
Terrestrial/ INMARSAT C	Automatic-Coast Station / Satellite	Domestic waters/ All areas	Format 2 (533XXXXX0)
Terrestrial	Automatic-Coast station	Regional waters	Format 3 (533XXXX00)
Terrestrial/ INMARSAT B,M	Automatic (Worldwide) Satellite	International Waters All areas	Format 4 (533XXX000)

APPLICATION FOR MMSI

15. Application for a MMSI could be made together with the application for a ship apparatus assignment using the form as in Annex D or E. It could also be made during a request for an amendment of the existing ship apparatus assignment. The application and assignment process are described in the Standard Operating Procedure for Ship Apparatus Assignment.

16. The applicant shall provide sufficient and accurate information to ensure the proper assignment of MMSI to ship station. The correct type of MMSI formation will be determined based on the ship radio communication requirement or equipment capabilities and intended area of operation.

17. The application for a ship station **MMSI** shall be processed by the Technical Division. The issuance of MMSI to a ship station shall be made in accordance with the formation prescribed in Table 1 of paragraph 16.

TRANSFER OF SHIP REGISTRY

18. Ship owner holding a MMSI previously issued by another country of registry should apply for a Malaysian MMSI upon transferring the ship to Malaysian registry through the new apparatus assignment application process. The non-Malaysian MMSI must be surrendered to the former country of registry and vice versa.

ASSIGNMENT OF MMSI

19. In assigning MMSI to a ship station, a personnel must follow the guidelines described in earlier paragraphs and take serious consideration before assigning ship station identities especially to those with three-trailing-zeros.

MANAGEMENT OF THE MMSI

20. The personnel [in Apparatus Assignment Department] who issues the Ship Station AA shall prepare and maintain a record of all the MMSI assignments which had been issued or cancelled by the applicant. The personnel in Apparatus Assignment Division shall also submit to the Technical Department the application form as in Annex D or E for every new application of MMSI on a monthly basis. A report from the AFMS shall be generated on a bi-annual basis (1 July and 1 Jan) and submitted to the Technical Division on the usage and

status of MMSI assignments. The Technical Division will keep a National Record of all the MMSIs that have been issued and notified with the ITU.

21. An increased in the demand for MMSI is anticipated with full implementation of the GMDSS.

ADDITIONAL INFORMATION

22. Additional information on MMSI may be found in the following ITU publications:

- Recommendation ITU-R M585-2
- Recommendation ITU-T E.210/F.120
- Article 25 and Appendix 43 ITU-R
- Resolution 344 (WRC-97) (COM4-5)
- ITU Circular Letter. 41; dated 17 October 1984
- ITU Circular Letter CM/4; dated 9 February 1998.
- IMO, GMDSS. London 1987

NOTIFICATION TO THE ITU

23. The Technical Division shall notify the ITU using the form as in Annex B.

ANNEXES

ANNEX A: PROCEDURES

Each application contains 31 sections.

AC*	Action Code	Indicates the action to be performed: A – add a new station M – modify particulars of an existing station S – SUPPRESS AN EXISTING STATION
1*#	Ship (Vessel) Name	Refer to the Preface of List V.
2**#	Call Sign	Conforming to Appendix S42 and the call sign formation of Article S19 of the Radio Regulations.
3	Selective Call Number(s)	First character (shaded) to be either a **S** or **T**. Please refer to the Preface in List V.
4**#	Maritime Mobile Service Identity (MMSI) Number	MMSI is a nine digit unique identification number assigned by Administrations to their ship stations. The first three digits represent the MID allocated to that Administration.
5#	Inmarsat Number(s)	Inmarsat ship earth station identities or numbers are recorded as given by the Administrations. Tenth (10th) character (shaded) can be either one of the following symbols: - or **/**. The - symbol defines a range (e.g.) 426456788-98 The / symbol to be used when last two or 3 digits differ (e.g.) 426456788/793
6	NTLX Number	National Telex Number, where applicable.
7*#	Notifying Administration	Administration responsible for the registration of the ship.
8	Territory or Geographical Area code	Where applicable.
9	Life Boats	Number of life boats.
10	Radio Beacons (EPIRBs)	Refer to the Preface of List V.
11#	General Classification	Refer to the Preface of List V (Table 2).
12	Individual Classification	See above.
13	Nature of Service	Refer to the Preface in List V.
14	Services Available	Refer to the Preface in List V.
15	Service Hours	Refer to the Preface in List V.
16	Telegraph transmission frequency bands	Refer to the Preface in List V.

17	Telephone transmission frequency bands	Refer to the Preface in List V.
18	Accounting Authority Identification Code (AAIC)	Refer to the Preface in List V.
19	AAIC used for Inmarsat Communications	If a separate entity from above.
20	Owner name	Refer to the Preface in List V.
21	Ex Ship-Name	Refer to the Preface in List V.
22	Ex Call Sign	Refer to the Preface in List V.
23#	EPIRB Identification code	The identification code of the EPIRBs **should normally be** the same as the MMSI of the ship station.
24#	Vessel Identification number	IMO number or national registration number.
25#	Gross Tonnage	Total enclosed space or internal capacity of a vessel, calculated in the terms of "tons" of 100 cubic feet each.
26#	Emergency Contact Person ashore (Name & Address)	Name and Address of emergency contact person ashore. As given by Administrations.
27#	Phone Number	Telephone number of emergency contact person ashore. As given by Administrations and prefixed with country destination code.
28#	Fax Number	Telefax number of emergency contact person ashore. As given by Administrations and prefixed with country destination code.
29#	Alternative 24-hour emergency telephone number	As given by Administrations and prefixed with country destination code.
30#	Capacity for persons on board	As given by Administrations. Total number of passengers and crew.
31#	Ship's radio installation	Inmarsat A, B, C, M, VHF, digital selective calling (DSC) , etc.

NOTE:

List of Ship Stations can preface in List V

The information provided
- (i)   Identification stations - (Ship name, Call sign, Selective call numbers, MMSI)
- (ii)   Auxiliary information –(EPIRB, SART and life boats)
- (iii)   Class and type of ship
- (iv)   Frequency bands
- (v)   Accounting authorities information

  (vi)   Annex of pre-determined groups of stations
  (vii)   Addresses of Administrations

* Mandatory fields

Information as specified in Resolution 340 (WRC-97)

** Either one or both of the items is to be provided.

ANNEX B: NOTIFICATION FORM (SHIP STATIONS)

The notification MMSI number ship stations to ITU is under RES 340. This is provide their account number to Rescue Coordination centre under their jurisdiction which the information may be necessary for effective and coordinated search and rescue activities in the current Global Maritime Distress System (GMDSS) regime. Please refer to Annex A for detail.

	Field Name	
AC*	Action Code	☐
1*#	Ship (Vessel) Name	
2**#	Call Sign	
3	Selective Call Number(s)	
4**#	MMSI Number	
5#	Inmarsat Number(s)	
6	NTLX Number	
7*#	Notifying Administration	
8	Territory or Geographical Area code	
9	Life Boats	
10	Radio Beacons (EPIRBs)	
11#	General Classification	
12	Individual Classification	
13	Nature of Service	
14	Services Available	

15	Service Hours				
16	Telegraph transmission frequency bands				
17	Telephone transmission frequency bands				
18	Accounting Authority Identification Code (AAIC)				
19	AAIC used for Inmarsat Communications				
20	Owner Name				
21	Ex Ship-Name				
22	Ex Call Sign				
23#	EPIRB Identification code				
24#	Vessel Identification number				
25#	Gross Tonnage				
26#	Emergency Contact Person ashore	N			
27#		P			
28#		T			
29#	Alternative 24-hour emergency telephone				
30#	Capacity for persons on board				
31#	Ship's radio installation				

* MANDATORY FIELDS
# INFORMATION AS SPECIFIED IN RESOLUTION 340 (WRC-97)
** EITHER ONE OR BOTH OF THE ITEMS IS TO BE PROVIDED.

ANNEX C: DATA FORMAT FOR ELECTRONIC NOTIFICATION (SHIP STATIONS)

Field	Field Name	Length (Max.)	Occurrences (Max.)	Remarks
AC*	Action Code	1	1	Indicates the action to be performed: A – add a new station M – modify particulars of an existing station S – suppress an existing station
1*#	Ship (Vessel) Name	50	1	Refer to the Preface of List V.
2**#	Call Sign	7	1	Conforming to Appendix S42 and the call sign formation of Article S19 of the Radio Regulations.
3	Selective Call Number(s)	12+1	2	Maximum Length of an **occurrence** is 6.
4**#	Maritime Mobile Service Identity (MMSI) Number	9	1	MMSI is a nine digit unique identification number assigned by Administrations to their ship stations. The first three digits represent the MID allocated to that Administration.
5#	Inmarsat Number(s)	104+7	8	Inmarsat ship earth station identities or numbers are recorded as given by the Administration. Maximum Length of an **occurrence** is 13.
6	NTLX Number	5	1	National telex number, where applicable.
7*#	Notifying Administration	3	1	Administration responsible for the registration of the ship.
8	Territory or Geographical Area code	3	1	Where applicable.
9	Life Boats	2	1	Number of life boats.
10	Radio Beacons (EPIRBs)	9	1	Refer to the Preface of List V.
11#	General Classification	2	1	Refer to the Preface of List V (Table 2).
12	Individual Classification	6+1	2	See above. Maximum length of an **occurrence** is 3.
13	Nature of Service	4+1	2	Refer to the Preface in List V. Maximum Length of an **occurrence** is 2.

14	Services Available	5	1	Refer to the Preface in List V.
15	Service Hours	3	1	Refer to the Preface in List V.
16	Telegraph transmission frequency bands	5	1	Refer to the Preface in List V.
17	Telephone transmission frequency bands	4	1	Refer to the Preface in List V.
18	Accounting Authority Identification Code (AAIC)	4	1	Refer to the Preface in List V.
19	AAIC used for Inmarsat Communications	4	1	If a separate entity from above.
20	Owner Name	50	1	Refer to the Preface in List V.
21	Ex Ship-Name	50	1	Refer to the Preface in List V.
22	Ex Call Sign	7	1	Refer to the Preface in List V.
23#	EPIRB Identification code	15	1	The identification code of the EPIRBs **should normally be** the same as the MMSI of the ship station.
24#	Vessel Identification number	7	1	IMO number or national registration number.
25#	Gross Tonnage	7	1	Total enclosed space or internal capacity of a vessel, calculated in the terms of "tons" of 100 cubic feet each.
26#	Emergency Contact Person ashore (Name & Address)	200	1	Name and Address of emergency contact person ashore. As given by Administrations..
27#	Emergency Contact Person ashore (Phone)	15	1	Telephone number of emergency contact person ashore As given by Administrations and prefixed with country destination code.
28#	Emergency Contact Person ashore (Telefax)	15	1	Telefax number of emergency contact person ashore. As given by Administrations and prefixed with country destination code.
29#	Alternative 24-hour emergency telephone number	15	1	As given by Administrations and prefixed with country destination code.

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30#	Capacity for persons on board	4	1	As given by Administrations. Total number of passengers and crew.
31#	Ship's radio installation	50	1	Inmarsat A, B, C, M, VHF, digital selective calling (DSC) , etc.

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ANNEX D: MMSI APPLICATION FORM –SHIP STATIONS WITH VHF/DSC

IMPORTANT: ***Use this application form if the vessel radio equipment on board consists of a VHF/DSC radio(s) with or without GPS or LORAN***.
In such case, a Format 1 MMSI should be issued. If additional radio equipment is installed, use the application form in Annex E instead.

Part A - Action:

☐ Assign a new MMSI   ☐ Modify an existing MMSI

☐ Cancel an existing MMSI

Part B - Information

(**U** denotes *mandatory* fields and ⁻ denotes *mandatory* fields *if issued or installed*):

☐ The vessel is NOT equipped with an INMARSAT mobile terminal standard B,C or M.

⁻ MMSI: Nine digit Maritime Mobile Service Identity beginning with 533	
U Vessel Name:	
Ex Vessel Name: (in case of a modification to the vessel name)	
⁻ Radio Call Sign: Radio call sign of the vessel as issued by Marine Dept/MCMC beginning with the prefix 9MA-9MZ and 9WA-9WZ	
Ex Radio Call Sign: (in case of a modification to the radio call sign)	

U	<u>Vessel Owner Name</u>: Last, First or Company name	
U	<u>General Classification</u>: Make a selection from Annex F	
	<u>Individual Classification(s)</u>: Make the appropriate selection(s) from Annex F	
-	<u>Ship Station Group MMSI</u> (if the vessel belongs to a group)	
U	<u>Gross Tonnage</u>: Vessel=s internal capacity (for pleasure craft of 12 meters or less, see Annex F)	
U	<u>Emergency Contact Person Ashore Name and Address</u>: Name and address of an individual ashore in case of emergency	
U	<u>Emergency Contact Person Ashore Telephone Number</u>: Telephone number of an individual ashore in case of emergency (include area code)	

	Emergency Contact Person Ashore Fax Number: Fax number of an individual ashore in case of emergency (include area code)	
	Alternate 24-hour Emergency Telephone Number: Other telephone number in case of emergency and accessible at any time (include area code)	
U	Capacity for Persons on Board: Maximum number of persons on board	
U	Radio Installation Information: Radio equipment on board (VHF/DSC GPS LORAN)	*VHF/DSC*

ANNEX E: MMSI APPLICATION FORM -SHIP STATION

IMPORTANT: ***Use this application form if additional equipment is installed on board***. If the vessel radio equipment on board consists of a VHF/DSC radio(s) with or without GPS or LORAN, use the application form in Annex D instead.

Part A - Action:

☐ Assign a new MMSI   ☐ Modify an existing MMSI

☐ Cancel an existing MMSI

Part B - INMARSAT mobile terminal(s) on board (select only one):

☐ The vessel is NOT equipped with an Inmarsat mobile terminal standard B, C or M.

☐   The vessel is, or soon will be fitted with an Inmarsat mobile terminal standard B,C or M

Part C - Information

(**U** denotes *mandatory* fields and ⁻ denotes *mandatory* fields *if issued or installed*):

⁻	<u>MMSI</u>: Nine digit Maritime Mobile Service Identity beginning with 533	
U	<u>Vessel Name</u>:	
	<u>Ex Vessel Name</u>: (in case of a modification to the vessel name)	
U	<u>Vessel Owner Name</u>: Last, First or Company name	
U	<u>General Classification</u>: Make a selection from Annex F	
	<u>Individual Classification(s)</u>: Make the appropriate selection(s) from Annex F	

¯	Ship Station Group MMSI: (if the vessel belongs to a group)	
U	Gross Tonnage: Vessel=s internal capacity (for pleasure craft of 12 meters or less, see Annex F)	
U	Emergency Contact Person Ashore Name and Address: Name and address of an individual ashore in case of emergency	
U	Emergency Contact Person Ashore Telephone Number: Telephone number of an individual ashore in case of emergency (include area code)	
	Emergency Contact Person Ashore Fax Number: Fax number of an individual ashore in case of emergency (include area code)	
	Alternate 24-hour Emergency Telephone Number: Other telephone number in case of emergency and accessible at any time (include area code)	

U	<u>Gross Tonnage</u>: Total enclosed space or internal capacity of a vessel, calculated in the terms of "tons" of 100 cubic feet each.	
U	<u>Capacity for Persons on Board</u>: Maximum number of persons on board	
U	<u>Radio Installation Information</u>: Radio equipment on board (i.e. MF/HF MF/HF/DSC VHF VHF/DSC CB CELL PCS MSAT NBDP RTTY DF FAX NAVTEX LORAN INMARSAT-A-B-C-M-Mini-M-M4 EGC GPS SART)	
-	<u>Radio Call Sign</u>: Radio call sign of the vessel as issued by Marine Dept/MCMC beginning with the prefix 9MA-9MZ and 9W A-9WZ	
	<u>Ex Radio Call Sign</u>: (in case of a modification to the radio call sign)	
-	<u>Selective Call Number(s)</u>: Five digit selective call number(s) as issued by MCMC between 02500-0299; 56200-56299 and 69900-69999 prefixed with the letter S if used for Sequential Single Frequency Code (SSFC) *only* or letter T if used *also* for Narrow-Band Direct Printing (NBDP) or NBDP *only*	

? <u>Number of Life Boats</u>: Number of life boats fitted with or without radio apparatus	
? <u>Frequency(ies) for EPIRB</u>: Operating frequency(ies) of the EPIRB equipment on board. Make the appropriate selection(s) from Annex F	
<u>Nature(s) of Service</u>: Make the appropriate selection(s) from Annex F	
<u>Service(s) Available</u>: Make the appropriate selection(s) from Annex F	
<u>Service Hours</u>: Make a selection from Annex F	
<u>Telegraphy Frequency Band(s)</u>: Make the appropriate selection(s) from Annex F	
<u>Telephony Frequency Band(s)</u>: Make the appropriate selection(s) from Annex H	
<u>Accounting Authority</u> (AAIC): The Accounting Authority Identification Code of the entity charged with the accounting for the vessel in respect to the maritime mobile and maritime mobile-satellite services. Make a selection from Annex F	

	<u>AAIC Used for INMARSAT</u>: If a separate entity from the above, the Accounting Authority Identification Code of the entity charged with the accounting for the vessel in respect to the maritime mobile-satellite service only. Make a selection from Annex F	
?	<u>EPIRB Identification Code</u>: The fifteen hexadecimal character string, referred to as the beacon 15 Hex ID.	
	<u>Vessel Identification Number</u>: The six digit Official Number (the national registration number as issued by Malaysia Ship Registrar) or the seven digit International Maritime Organization (IMO) Number as issued by the IMO	
?	<u>INMARSAT Identity(ies)</u>: INMARSAT Mobile Number(s) (IMN) assigned to each INMARSAT mobile terminal on board	

ANNEX F: INTERNATIONAL TELECOMMUNICATION UNION (ITU) CODES

General Classification of vessels

Fishing vessel	FV
Naval ship	NS
Pleasure craft	PL
River vessel	NF
Merchant ship	MM
Official service ship	GV
Rescue vessel	SV
Unspecified	XX

Individual Classification of vessels

A	
Aircraft Carrier	PTA
Air Cushion vehicle	ACV
Auxiliary ship	AUX
B	
Banker	MOR
Barge	CHA
Barge carrier	PCH
Bulk carrier	BLK
Buoy ship	BLS
C	
Cable ship	CBL
Cargo and passenger	PMX
Cargo ship	CA
Cement carrier	CIM
Coaster	CAB
Coast-guard	CGT
Collier	COA
Container ship	CON
Corvette	COR
Cruiser	CRO
Customs launch	DOU
Cutter	CTR

D	
Despatch vehicle	AVI
Destroyer	DES
Dredger	DRG
Drilling unit	PER
Dry cargo	DRY
E	
Escort ship	ESC
F	
Factory ship	BTA
Fast patrol ship	FPS
Ferry	FBT
Firefloat	PMP
Fishing guard	PHS
Fishing vessel	PH
Floating crane	GRF
Forest-product carrier	TPW
Frigate	FRT
Fruit carrier	FRU
G	
General cargo	GEN
Grain carrier	GRC
H	
Helicopter carrier	PTH
Hospital ship	HOP
Hydrofoil	VDT
Hydrographic ship	HYD
I	
Ice breaker	ICE
Inspection ship	INS
K	
Ketch	DUN
L	
Launch	VDO
Lighter	BAR
Lightship	PHA
Liner	PAQ
Lighthouse tender	PHR
Liquefied gas carrier	TPG
Livestock carrier	PBE
Lobster ship	LAN

Lugger	LOU
M	
Mine Layer	MOU
Minesweeper	DMN
Motor boat	MTB
N	
Naviplane	NVP
O	
Oceanographic ship	OSC
Ocean-station vessel	OSV
Oil tanker	OIL
Ore-bulk-oil-carrier	OBO
Ore carrier	TPO
P	
Passenger ship	PA
Patrol ship	SRV
Pilot tender	PLT
Platform	PLE
Pollution vessel	NET
Pontoon	PON
Pusher/Tug	TUG
R	
Reefer	FRG
Rescue vessel	SAU
Research/Survey vessel	EXP
Rock breaker	ROC
RoRo ship	ROU
S	
Sailing ship	VLR
Salvage ship	RAM
Schooner	GOL
Ship used by divers	DIV
Sloop	SLO
Solvent carrier	TPS
Submarine	SMN
Supply vessel	RAV
Standby safety vessel	SEC
T	
Tanker	CIT
Training ship	ECO

Transport	TPT
Tramp	TRA
Trawler	CHR
Tunny Ship	THO
U	
Unspecified	XXX
V	
Vehicle carrier	TVH
W	
Warship	GS
Waste incinerator	ICN
Weather ship	FRM
Whaler	BLN
Y	
Yacht	YAT

Frequency(ies) for EPIRB

2182 kHz	A
121.5 MHz	B
243 MHz	C
156.525 MHz	D
406 - 406.1 MHz	E
1645.5 - 1646.5 MHz	F
9200 –9500 MHz	G

Nature of Service

Station open to official correspondence exclusively	CO
Station open to public correspondence	CP
Station open to limited public correspondence	CR
Station open exclusively to correspondence of a private agency	CV
Station open to operational traffic of the service concerned	OT

Service Available (for use with Nature of Service CP or CR only)

Radiotelephone calls	C
Radiotelex calls	D
OBS messages (voluntary observing ship)	O
Facsimile communications	P
Radiotelegrams	R

Hours of Service

Continuous service throughout the twenty-four hours	H24
16-hour service provided by a ship station of the second category	H16
8-hour service provided by a ship station of the third category	H8
Intermittent service throughout the twenty-four hours, or station having no specific working hours	HX
Day service	HJ
Night service	HN

Telegraphy Frequency Bands

Frequency bands used in the maritime mobile-satellite service	S
Bands between 110 and 160 kHz	W
Bands between 415 and 535 kHz	X
Bands between 1605 and 4000 kHz	Y
Bands between 4000 and 27500 kHz	Z

Telephony Frequency Bands

Frequency bands used in the maritime mobile-satellite service	S

Bands between 1605 and 4000 kHz	T
Bands between 4000 and 27500 kHz	U
Bands between 156 and 174 MHz	V

Accounting Authority Identification Code (AAIC)

Malaysian Based AAIC	Organisation/Company
MA01	Telekom Malaysia Berhad
MA04	Malaysian International Shipping Corporation Berhad
MA05	Perbadanan National Shipping Line Berhad
MA06	Ministry of Defence (Navy department)
MA07	Nelayan Jayadiri Sdn Berhad
MA08	Yayasan Sabah Shipping Sdn Berhad
MA09	Syarikat Perkapalan Kris Sdn Berhad

Accredited Foreign AAIC	Organisation/Company
BE02	Marlink SA
GB07	STC International Marine
GB11	ABB NERA LTD
GR01	A.A.I.C.
NL02	Radio Holland Communications BV
RS16	Telecom Authority of Singapore

Length Overall vs Gross Tonnage for Pleasure Crafts of 12 Meters or Less

Length overall	Gross tonnage	Length overall	Gross tonnage
Less than 8.5 m	5	10 m or more but less than 10.5 m	10
8.5 m or more but less than 9 m	6	10.5 m or more but less than 11 m	11
9 m or more but	7	11 m or more but	13

less than 9.5 m		less than 11.5 m	
9.5 m or more but less than 10 m	8	11.5 m or more but not exceeding 12 m	15

ELECTRONIC NOTIFICATION FORMAT

All Notifications should be addressed to:

- **For Notification forms, diskettes, telefax, mail, etc.**

The Director of Radiocommunication Bureau-ITU
Place des Nations
CH-1211 Geneva 20
Switzerland
(Direct Telefax. No.: +41 22 730 5785)

- **For Electronic mail (email)**
brmail@itu.int