

### PRIDA Workshop on maritime communication services 27-29 February 2024 Tunis, Tunisia

Updates to the ITU Maritime Publications - Ship Stations



# How are MARS and the maritime publications kept up-to-date?

### **Regular Notifications from Administrations to the BR**

### **Accurate up-to-date notifications from Administrations**

**Essential for maritime industry:** 

- Safety of life at sea
- Crew onboard ships
- Search and rescue authorities
- Port authorities etc.



# **Q: Who can notify information the ITU?**

Only Administrations of ITU Member States with jurisdiction over the stations or, <u>Entities officially</u> <u>designated by Administrations</u>.



### Administration notification provisions (RR 20.16)

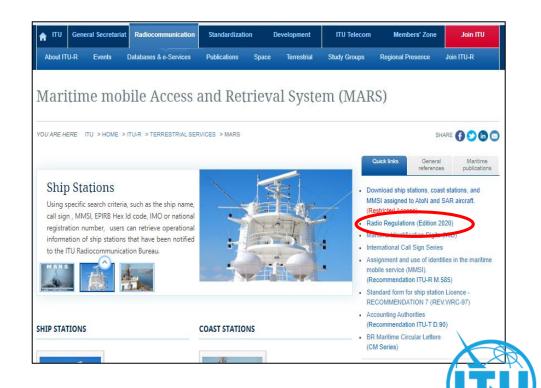
- In view of the importance of this information, particularly with regard to safety
- Administrations shall immediately notify the BR of changes in the operational information in List IV (Coast stations) and List V (Ship stations)
- For ship data published in List V and MARS, administrations shall communicate changes <u>at least once a month</u>





### The Radio Regulations are free to download on MARS





### **Types of information notified by Administrations**





### **Overview of Ship Station Licensing and Notification Processes**

1. Ship owner/operator applies to their Administration for a ship station license 2. Administration issues license (RR Article 18) in accordance with their national criteria and legislation

Administration issues unique vessel identifiers i.e. call sign and MMSI (RR Article 19) (<u>Rec ITU-R M.585</u>) 3. Administrati on notifies ITU of ship station particulars for recording in MARS and Publication in List V





### **Ship Station License Requirements**

ANNEX 2 TO RECOMMENDATION 7 (REV.WRC-97)

(Full name of the authority issuing the licence, in the national language)

#### SHIP STATION LICENCE LICENCE DE STATION DE NAVIRE LICENCIA DE ESTACIÓN DE BARCO

No. ..... Period of validity

In accordance with (*Jills.of.ibs.Mational\_Regulation*) and with the Radio Regulations which complement the Constitution and the Convention of the International Telecommunication Union now in force, this authorization is herewith issued for the installation and for the use of the radio equipment described below:

1		2		3	4		
	Identifica	ation of the sl	hip station				
Name of ship	Call sign	MMSI	Other identification (optional)	Holder of licence	Accounting authority identification code, or additional information including accounting information if required		

	Equipment	Type or description of equipment	Frequencies
5	Transmitters		
6	Other equipment (optional)		

For the Issuing Authority:

Place	Date	Authenticatio

\* The words "Ship Station Licence" written in the national language, if this is not English, Spanish or French.
\*\* Specifically or by reference to List V. columns 8 and 9.

### **RR Appendix 16 Specifies the documents to be carried onboard ships**

#### It includes the ship station licence prescribed by Article 18 (Licences)



### Appendix 16 to the RR: Ship stations shall be provided with the licence prescribed by Article 18

Under Article 49 of the Radio Regulations: Ship stations may be subject to inspection

Licence issued by Administration should be available for inspection



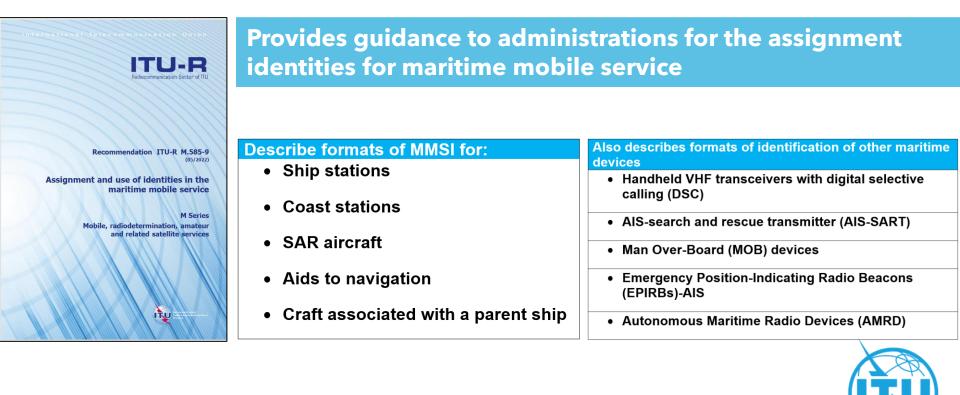


### **Formation of call signs**

Ship Station call signs are formed from the international call sign series of Appendix 42 to the RR and as indicated in provision 19.55 of the RR are as follows:	Permitted formations	No. of combinations
<ul> <li>two characters and two letters, or</li> </ul>		
• two characters, two letters and one digit (other than the digits 0 or 1), or	XXAA-XXZZ	676
<ul> <li>two characters (provided that the second is a letter) followed by four digits (other</li> </ul>	XXAA2-XXZZ9	5408
than the digits 0 or 1 in cases where they immediately follow a letter), or	X <u>L</u> 2000-XL9999	8000
• two characters and one letter followed by four digits (other than the digits 0 or 1 in	XXA2000-	
cases where they immediately follow a letter)	XXZ9999	208 000



Assignment and use of identities in the maritime mobile service Recommendation ITU-R M.585-9



### **General Notification Process:**

1. Data notified by Administrations to ITU BR (Txt/Excel file or notification form)

2. Data received by BR is validated If a notification contains errors, ITU reverts to the Administration for clarification and to provide assistance

**3. Valid Information accepted into ITU maritime database** 



### Guide on the notification processes available on MARS

See <u>"How to notify"</u> link for each type of station:

- Coast Stations
- Ship Stations
- Search and Rescue (SAR) Aircraft Stations
- AIS Aids to Navigation (AtoN)





### **Ship Stations Notifications**

#### Notifications can be made by electronic submission (txt notification file)

#### **Recommended!**

A;DUYFKEN;VNW4455;;503507400;450302223;;AUS;;;;;;;;;;;;;;;855969;;;;;;;;;; M;KESTREL BAY;VMQ4105;;503739000;450300754;;AUS;;;;;;;;;;;;9071478;;;;;;;;; M;MUSTIQUE;VMQ8072;;503323000;;;AUS;;;;;;;;;;;;;;851867;;;;;;;;;;; S;AVOLARE;;;503592300;;;AUS;;;;;;;;;;856417;;;;;;;;; M;CORAL EXPEDITIONS II;VJQ5202;;503796000;;;AUS;;;;;;;;;;;;8409240;;;;;;;;;; A;STV ONE AND ALL;VKON;;503305000;450301974;;AUS;;;;;;;;;;;;;852032;;;;;;;;;; S;EXPERIENCE;VLV7305;;503074070;;;AUS;;;;;;;;;;;;;854036;;;;;;;;;; A;TARATIBU;VKN9984;;503598700;;;AUS;;;;;;;;;;;;;;850074;;;;;;;;;; M;MUSTANG SALLY;VHW4696;;503024610;;;AUS;;;;;;;;;;;;;;;;853063;;;;;;;;;;; S;STAR DANCER III;VMQ9226;;503732700;;;AUS;;;;;;;;;;;;;858318;;;;;;;;; A;COGNAC;VKV6761;;503025800;;;AUS;;;;;;;;;;;;;;856854;;;;;;;;; M;TEVAKE II;VKV6965;;503039450;;;AUS;;;;;;;;;;;;;;;858081;;;;;;;;;; M;TAO;VJN3893;;503662300;;;AUS;;;;;;;;;;;;;;860224;;;;;;;;;;; M;GLEEWYND;VHS5778;;503018570;;;AUS;;;;;;;;;;;;;;857071;;;;;;;;; A;GANNET II;VKN3069;;503395300;;;AUS;;;;;;;;;;;;;;856933;;;;;;;;

Notifications can be made using individual Word or PDF form documents

C	<u> </u>	EXAMPLE OF NOTIFICATION (SHIF STATIONS) Radio Regulations (RR) Article 20
AC.*	Action Code	A
r,	Ship (vissel) Name	EXAMPLE
2	Call Sign	HBAA
3.	Selective Call Number(s)	
4.11	Maritime Mobile Service Identity (MMSI)	2 5 9 9 4 1 0 0 0
L	Satulite Number()	4         2         6         9         9         1         1         0         1
6	NTLX Number	
2.*	NotPying Administration	S U I & Tentory or Geographical Area code S U I
۹.	Lifeboats	0 2 30. Radio Beacons (EPRIN) E 1 G 1
11.	General Classification	M M S2. Individual Cassification (primary and secondary) B L K
13.	Nature of Service (primary and secondary)	C P 54. Services Available C D P
15.	Service Roam	H 2 4
16.	Talegraph transmission frequency bands	S W X Y Z 17. Telephone transmission frequency bands S T U V
18.	Accounting Authority Identification Code (AAIC)	R E 0 2 28. ANC for latelite Communications
28.	Owner Name	EXAMPLE COLTD INTERNATIONAL TELECOMMUNICATION UNION GENEVA, SWITZERLAND
n	ExShip (Vessel) Name	OLD EXAMPLE
22.	Ex Call Sign	H B Z Z
23.	EPHB identification code (MMSI or MID+Call Sign)	2 6 9 9 4 1 0 0 0
24.	Ship Messell identification number	9 0 0 8 5 7
25.	Gross Tornage	3 5 8 9 0
26.	Emergency Cantact Person ashore	MR. EXAMPLE NO.1 EXAMPLE STREET EXAMPLE CITY, 5000
22.		+45 23 730 5007
28.		+41 22 730 5607
29.	Alternative 24-hour emergency phone number	+4 1 2 2 7 3 0 5 1 1 1
30.	Capacity for persons on board	30
51.	Ship's radio installation	SAT C, M, VHF DSC, VHF PORT, EPIRE 406, RADAR
<u>10</u> .	EPREHEX ID Code (one or multiple). Separate accurrences with comma (.)	9000481170000A5
33.	MMSI assigned to craft associated with a parent ship (one or multiple). Separate ecourtences with commo []	982691000, 982091100
34.	Mentity assigned to handheld VHF transceivers (one ormultiple). Separate occurrences with exercise (.)	826930301



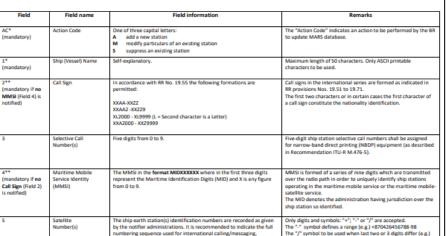
### Ship station notifications document form

NTLX Number

40\*

C		EXAMPLE OF NOTIFICATION (SHIP STATIONS) Radio Regulation (INI) Article 20
AC.*	Action Code	A
1.*	Ship (Vessel) Name	EXAMPLE
2.**	Call Sign	НВАА
1	Selective Call Number(s)	
4**	Maritime Mobile Service Identity (MMSI)	2 6 9 9 4 1 0 0 0
s.	Satellite Number(s)	4         2         6         9         9         1         1         0         1
6.	NTLX Number	
2.*	Notifying Administration	S U I 8. Territory or Geographical Area code S U I
9.	Lifeboats	0 2 10. Radio Beacons (EPIRBs) E 1 G 1
11.	General Classification	M M 12. Individual Classification (primary and secondary) B L K
13.	Nature of Service (primary and secondary)	C P 14. Services Available C D P
15.	Service Hours	H 2 4
16.	Telegraph transmission frequency bands	S W X Y Z 17. Telephone transmission frequency bands S T U V
18.	Accounting Authority Identification Code (AAIC)	B E 0 2 19. AAIC for Satellite Communications
20.	Owner Name	EXAMPLE COLTD INTERNATIONAL TELECOMMUNICATION UNION GENEVA, SWITZERLAND
21.	ExShip (Vessel) Name	OLD EXAMPLE
22.	Ex Call Sign	н в z z
23.	EPIRB identification code (MMSI or MID+Call Sign)	2 6 9 9 4 1 0 0 0
24. 25.	Ship (Vessel) identification number	9 p 0 0 8 5 7 3 5 8 9 0 1
	Gross Tonnage	
26.	Emergency Contact Person ashore	MR. EXAMPLE NO.1 EXAMPLE STREET EXAMPLE CITY. 1000
27.		+41 22 730 5007
28.		+41 22 730 5007
29.	Alternative 24-hour emergency phone number	+4 1 2 2 7 3 0 5 1 1 1
30.	Capacity for persons on board	3 0
31.	Ship's radio installation	SAT C, M, VHF DSC, VHF PORT, EPIRB 406, RADAR
32.	EPIRB HEX ID Code (one or multiple). Separate accurrences with comma (,)	9D0D481E70000AS
33.	MMSI assigned to craft associated with a parent ship (one or multiple). Separate occurrences with comma [,]	982691000, 982691100
34.	Identity assigned to handheld VHF transceivers (one ormultiple). Separate occurrences with commo (.)	826910101

**Document notification form in MS Word** 



+881626456788/793

No longer used.

Explanation of the fields to be notified (SHIP STATIONS) (Applies for both Individual notification form and electronic notification UTF-8 text format file)



including applicable prefixes. Satellite service provider may be also

specified in Field 31 "Ship's radio installation".

National Telex Number.



### Ship station notifications electronic txt format

Action Code         1         1         1           Ship (Vessel) Name         50         1         50           Call Sign         7         1         7           Selective Call Number(s)         5         2         111           Maritame Mobile Service identity (MMMs)         9         1         9           Selective Call Number(s)         13         8         111           Maritame Mobile Service identity (MMMs)         9         1         9           Statilite Number(s)         13         8         111           ID4+7 comma regarators)         7         1         7           NTLN Number         5         1         3         1           Territory or Geographical Area code         3         1         3         1           Urlebosts         2         1         2         1         2           Rado Bracons (EPRBa)         9         1         9         1         9           General Classification (primary and secondary)         2         2         2         (6+ comma separator)           Services Available         5         1         5         5         1         5           Service Rores Available         5	ield	Field Name	Field Length (Max.)	Occurrences (Max.)	Total Field Length (Max.)
Call Sign         7         1         7           Selective Call Number(s)         5         2         11           Marine Mobile Service Identity (MMS)         9         1         9           Satelike Number(s)         13         8         111           Satelike Number(s)         13         8         111           Marine Mobile Service Identity (MMS)         9         1         9           NTLX Number         5         1         5           Nettifying Administration         1         1         3           Territory or Geographical Area code         3         1         9           Lifeboats         2         1         2         1           Radio Bracons (EPRBL)         9         1         9         1         9           Individual Classification (rimary and secondary)         3         2         7         16(±1 comma separator)           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Services Available         5	•	Action Code			
Call Sign         7         1         7           Selective Call Number(s)         5         2         11           Marine Mobile Service Identity (MMS)         9         1         9           Satelike Number(s)         13         8         111           Satelike Number(s)         13         8         111           Marine Mobile Service Identity (MMS)         9         1         9           NTLX Number         5         1         5           Nettifying Administration         1         1         3           Territory or Geographical Area code         3         1         9           Lifeboats         2         1         2         1           Radio Bracons (EPRBL)         9         1         9         1         9           Individual Classification (rimary and secondary)         3         2         7         16(±1 comma separator)           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Services Available         5		Ship (Vessel) Name	50	1	50
Martime Mobile Service Identity (MMS)         9         1         9           Satellite Number(s)         13         8         (104-7 comma separator)           NTLX Number         5         1         5           Natrikine Mobile Service (administration)         3         1         3           Territory or Geographical Area code         3         1         3           Uleboats         2         1         2           Individual Cascitation (primary and secondary)         2         1         2           Individual Cascitation (primary and secondary)         2         2         2         5           Services Available         5         1         5         5         5           Services Available         5         1         5         5         5         5         5         5         1         5         5         5         5         5         1         5         5         5         5         1         5         5         5         1         5         5         5         5         1         5         5         5         5         5         1         5         5         1         5         5         5         1         5<			7	1	7
Satelite Number(s)         13         8         (111 (104-7 comma separator)           NtLK Number         5         1         5           Notifying Administration         3         1         3           Territory or Geographical Area code         3         1         3           Lifeboats         2         1         2           Radio Beacons (EPRIBs)         9         1         9           General Classification (primary and secondary)         2         2         7           Individual Classification (primary and secondary)         2         2         1         3           Services Available         5         1         5         5         1         5           Services Available         5         1         3         1         3         1           Telepone transmission frequency bands         4         1         4         4         4           Accounting Authority Identification Code (AAKC)         4         1         4         4           Owner Name         200         1         50         1         50           Ex Ship Vissel) Name         50         1         10         10         5           Gross Tomage         7		Selective Call Number(s)	5	2	11
Intix Number         1         5         1         5           Native processing of the second sequences of the second second sequences of the second second sequences of the second sequences of the second second sequences of the second sequences of the seco	_	Maritime Mobile Service Identity (MMSI)	9	1	9
Notifying Administration         1         1         3           Territory or Geographical Area code         3         1         3           Territory or Geographical Area code         3         1         3           Lifeboats         2         1         2           Radio Beacons (EPRBs)         9         1         9           General Classification (primary and secondary)         3         2         7           Individual Classification (primary and secondary)         2         2         6(±1 comma separator)           Nature of Service (primary and secondary)         2         2         6(±1 comma separator)           Services Available         5         1         5           Service Nows         3         1         3           Telephone transmission frequency bands         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           Owner Name         200         1         200         1         200           Ex Ship (Vessel) Name         50         1         50         1         50         1         50         1         50         1         50         1         50         1         50		Satellite Number(s)	13	8	111 (104+7 comma separators)
Tentary or Geographical Area code         3         1         3           Lifeboats         2         1         2           Radio Reacons (EFRRs)         9         1         9           General Classification         2         1         2           Individual Classification (primary and secondary)         3         2         7           Nature of Service (primary and secondary)         2         2         6(±1 comma separator)           Services Available         5         1         5           Service Rours         3         1         3           Teleprahar transmission frequency bands         4         1         4           Accounting Authority identification Code (AAIC)         4         1         4           Owner Name         50         1         50         1           Ex Sity [Vessel] Name         50         1         70         1           Ex Gal Sign         7         1         7         1         7           Ex Gal Sign         7         1         7         1         7           Ex Gal Sign         7         1         7         1         7           Ex Gal Sign         7         1         7		NTLX Number	5	1	5
Lifeboals         2         1         2           Radio bracons (EPRBs)         9         1         9           General Classification (primary and secondary)         2         1         2           Individual Classification (primary and secondary)         3         2         7           Nature of Service (primary and secondary)         2         2         2         5           Services Available         5         1         5         1         5           Services Available         5         1         5         5         1         5           Services Available         5         1         5         5         1         5           Telegopath transmission frequency bands         4         1         4         4         4           Actic for Satellite Communications         4         1         4         4         0         0         1         00         1         00         1         00         1         50         1         5         1         5         1         5         1         5         1         1         1         1         0         1         00         1         00         1         10         0         1 <td>-</td> <td>Notifying Administration</td> <td>3</td> <td>1</td> <td>3</td>	-	Notifying Administration	3	1	3
Radio Reacons (EPRRb)         9         1         9           General Classification         2         1         2           Individual Classification (primary and secondary)         3         2         7           Nature of Service (primary and secondary)         2         2         6(#1 comma separator)           Services Available         5         1         5           Service Available         5         1         5           Services Available         5         1         5           Services Available         5         1         5           Service Rours         3         1         3           Telephone transmission frequency bands         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           Owner Kame         200         1         200         1         20           Ex Ship (Vessel) Name         50         1         10         10         10           Ship (Vessel) Name         7         1         7         1         7           Ex Ship (Vessel) Name         50         1         100         10         10         10           Ship (Vessel) Name <td< td=""><td>_</td><td>Territory or Geographical Area code</td><td>3</td><td>1</td><td>3</td></td<>	_	Territory or Geographical Area code	3	1	3
General Classification         2         1         2           Indivial Classification (primary and secondary)         3         2         7         (6+1 comma separator)           Nature of Service (primary and secondary)         2         2         5         (6+1 comma separator)           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Telegraph transmission frequency bands         4         1         4         4           Acker for statice Communications         4         1         4         4           Owner Name         200         1         200         1         200           Ex Shig [Vessel] Name         50         1         50         1         50           Ex Call Sign         7         1         7         1         7           ErNBI Identification code         100         1         10         10         10           Shig (Vessel) Identification number         15         1         1         7         1         7           ErnBig Ide	_	Lifeboats	2	1	2
Individual Classification (primary and secondary)         3         2         7           Nature of Service (primary and secondary)         2         2         5         5           Services Available         5         1         5         1         6           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Services Available         5         1         5         1         5           Telegropt transmission frequency bands         4         1         4         4           AAUC for Satellite Communications         4         1         4         200         1         200           Ex Skip (Vessel) Name         50         1         50         1         50         1         50           Ex Skip (Vessel) Name         50         1         50         1         10		Radio Beacons (EPIRBs)	9	1	9
Image: Control of the secondary of		General Classification	2	1	2
Services Available         5         1         5           Services Available         5         1         5           Services Available         5         1         3           Telegraph transmision frequency bands         5         1         5           Leiphone transmission frequency bands         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           Owner Kame         200         1         200         1           Owner Kame         50         1         50         1           Ex Ship (Vessel) Name         50         1         10         10           Ex Roligenflication number         10         1         10         11         10           Ship (Vessel) Mame         7         1         7         1         7         1         7           Er/RB identification number         10         1         100         10		Individual Classification (primary and secondary)	3	2	
Service Hours         3         1         3           Telegraph transmission frequency bands         5         1         5           Telephone transmission frequency bands         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           AAL for Satelite Communications         4         1         4           Owner Name         200         1         200           Ex Ship (Vessel) Name         50         1         50           Ex Ship (Vessel) Mame         50         1         10           Ship (Vessel) Mame         7         1         7           Errik Identification code         0         1         10           Ship (Vessel) Identification number         15         1         15           Gross Contact Revision ashore (Name & Address)         20         1         200           Emergency Contact Revision ashore (Pleney)         30         1         30           Emergency Contact Revision ashore (Pleney)         30         1         30           Capachy for persons on board         4         1         4         4		Nature of Service (primary and secondary)	2	2	
Telegraph transmission frequency bands         5         1         5           Telephone transmission frequency bands         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           AAIC for Stelliet Communications         4         1         4           Owner Name         200         1         200           Ex Selliet Communications         4         1         4           Dwner Name         50         1         50           Ex Call Sign         7         1         7           EVERIB Identification code         10         1         10           Ship (Vessel) Identification number         15         1         15           Gricss Tornage         7         1         7           Emergency Cortact Revison above (Plenne)         30         1         30           Emergency Cortact Revison above (Plenne)         30         1         30           Atternative 24-hour emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship' Stadio installation         100         1         30           Emergency Cortact Revison above (Tele		Services Available	5	1	5
Telephone transmission frequency bands         4         1         4           Accounting Authority Identification Code (AAIC)         4         1         4           AAIC for Statilite Communications         4         1         4           Owner Name         200         1         200           Ex Ship (Vessel) Name         50         1         50           Ex Call Sign         7         1         7           EVRB Identification code         10         1         10           Ship (Vessel) Identification number         15         1         15           Gross Tannage         7         1         7         1           Energency Cortact Person achore (Name & Address)         200         1         200           Emergency Cortact Person achore (Plean/Email)         30         1         30           Afternative 24-hour emergency contact neuron subore (Plean/Email)         30         1         30           Capacity for persons on board         4         1         4         4           Ship's radio installation         100         1         100         1         200         1         200         200         1         200         200         1         30         30		Service Hours	3	1	3
Accounting Authority Identification Code (AAIC)         4         1         4           AAIC for Statelite Communications         4         1         4           Owner Name         200         1         200           Ex Ship (Vessel) Name         50         1         50           Ex Ship (Vessel) Name         50         1         7           Er Ril Identification code         10         1         10           Ship (Vessel) Mame         7         1         7           Er Ril Identification number         15         1         15           Gross Tornage         7         1         7           Emergency Cortact Person axhore (Name & Address)         200         1         200           Emergency Cortact Person axhore (Telefau/Email)         30         1         30           Emergency Cortact Person axhore (Telefau/Email)         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         100         1         100           PIRB HKIN Code         15         239         239           MMSI assigned to craft associated with a parent ship         9         10         610		Telegraph transmission frequency bands	5	1	5
AAUC for Satellite Communications         4         1         4           Owner Name         200         1         200           Ex Ship (Vessel) Hame         50         1         50           Ex Call Sign         7         1         7           Er Riel Identification code         10         1         10           Ship (Vessel) Identification number         15         1         15           Gross Tornage         7         1         7           Emergency Contact Person axhore (Name & Address)         200         1         200           Emergency Contact Person axhore (Pelany)         30         1         30           Atternative 24-hour emergency Contact Person axhore (Pelany)         30         1         30           Atternative 24-hour emergency Contact Person son bard         4         1         4           Ship's radio installation         100         1         30         239           Erriel Hard Struct Docker         15         15         224+4 comma separatorn           MMSI axiggnet to craft associated with a parent ship         9         10         99		Telephone transmission frequency bands	4	1	4
Owner Name         200         1         200           Ex Sup (Vested) Name         50         1         50           Ex Call Sign         7         1         7           EPH8 Identification code         10         1         10           Ship (Vested) Identification number         15         1         15           Gross Tonoge         7         1         7           Emergency Cortact Person axhore (Name & Address)         200         1         200           Emergency Cortact Person axhore (Pelnav/Email)         30         1         30           Atternative 24-hour emergency phone number         30         1         30           Capacy for persons on board         4         1         4           Ship's radio installation         100         1         100           EPIRB HEX Dodde         15         15         224           MMSI assigned to craft associated with a parent ship         9         10         99		Accounting Authority Identification Code (AAIC)	4	1	4
Ex Ship (Vessel) Name         50         1         50           Ex Call Sign         7         1         7           EVRB identification code         10         1         10           Ship (Vessel) identification number         15         1         15           Griss Tornage         7         1         7           Emergency Contact Person ashore (Name & Address)         200         1         200           Emergency Contact Person ashore (Plenne)         30         1         30           Atternative 24 hour emergency dyne number         30         1         30           Capacity For persons on board         4         1         4           Ship' radio installation         100         1         100           EVRB HEX TO Code         15         15         239           MME3 assigned to craft associated with a parent ship         9         10         9		AAIC for Satellite Communications	4	1	4
Ex Call Sign         7         1         7           EFRB identification code         10         1         10           Ship (Vessei) identification number         15         1         15           Griss Toronage         7         1         7           Emergency Contact Person ashore (Name & Address)         200         1         200           Emergency Contact Person ashore (Phone)         30         1         30           Emergency Contact Remon ashore (Telefax/Email)         30         1         30           Alternative 24 hour emergency phone number         20         1         20           Capacity for prinors on board         4         1         4           Ship's radio installation         100         1         100           EPRB HEXID Code         15         15         239           MMSI assigned to craft associated with a parent ship         9         10         9		Owner Name	200	1	200
EPIRB identification code         10         1         10           Ship (Vessel) identification number         15         1         15           Gross Tonnage         7         1         7           Emergency Cortact Person ashore (Name & Address)         200         1         200           Emergency Cortact Person ashore (Plenke)         30         1         30           Emergency Cortact Person ashore (Plenke/Email)         30         1         30           Attensative 24-hour emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         100         1         100           EPIRB HEXI Dock         15         15         239           (226+12 comma separated with a parent ship)         9         10         9		Ex Ship (Vessel) Name	50	1	50
Ship (Vessel) identification number         15         1         15           Griss Tornage         7         1         7           Griss Tornage         7         1         7           Emergency Contact Person ashore (Name & Address)         200         1         200           Emergency Contact Person ashore (Plenne)         30         1         30           Atternative 24-hour emergency dynen number         30         1         30           Atternative 24-hour emergency dynen number         30         1         30           Capacity For persons on board         4         1         4           Ship's radio installation         100         1         100           LPIRB HKI To Code         15         15         239           MMSI assigned to craft associated with a parent ship         9         10         9		Ex Call Sign	7	1	7
Gross Tonnage         7         1         7           Emergency Contact Person ashore (Phone)         30         1         30           Emergency Contact Person ashore (Phone)         30         1         30           Emergency Contact Person ashore (Phone)         30         1         30           Alternative 24 hour emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         100         1         100           EVRB HEXID Code         15         15         239           MMSI assigned to craft associated with a parent ship         9         10         9		EPIRB identification code	10	1	10
Emergency Contact Person ashore (Name & Address)         200         1         200           Emergency Contact Person ashore (Pelnav)         30         1         30           Emergency Contact Person ashore (Pelnav/Email)         30         1         30           Attensitive 24-hour emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         1000         1         100           EVRIB HEX to Code         15         15         239           (225-14 Comma separation)         9         10         9		Ship (Vessel) identification number	15	1	
Emergency Contact Person ashore (Phone)         30         1         30           Emergency Contact Person ashore (Telefax/Email)         30         1         30           Alternative 24-hour emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         100         1         100           EPIRB HEX ID Code         15         239 (225+14 comma separators)         239 (225+14 comma separators)           MMSI assigned to craft associated with a parent ship         9         10         9		Gross Tonnage	7	1	7
Emergency Contact Person ashore (Telefax/Email)         30         1         30           Alternative 24-boar emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         100         1         100           EPIRB HEX ID Code         15         15         239 (225+14 contain separators)           MMSI assigned to craft associated with a parent ship         9         10         99		Emergency Contact Person ashore (Name & Address)	200	1	200
Alternative 24 hour emergency phone number         30         1         30           Capacity for persons on board         4         1         4           Ship's radio installation         1000         1         100           LTRIB HEX TO Code         15         15         239 (225-14 comma separation)           MMSI assigned to craft associated with a parent ship         9         10         99			30		30
Capacity for persons on board         4         1         4           Ship's radio installation         100         1         100           EPIRB HEX ID Code         15         15         239 (225+14 comma separator)           MMSI assigned to craft associated with a parent ship         9         10         99					
Ship's radio installation         100         1         100           EPIRB HEX ID Code         15         15         239 (225+14 comma separators (225+14 comma separators)           MMSI assigned to craft associated with a parent ship         9         10         99					
EPIRB HEX ID Code         15         15         239 (225+14 comma separation)           MMSI assigned to craft associated with a parent ship         9         10         9         10					
(225+14 comma separators MMSI assigned to craft associated with a parent ship 9 10 99					
		EPIRB HEX ID Code	15	15	239 (225+14 comma separators
		MMSI assigned to craft associated with a parent ship	9	10	99 (90+9 comma separators)



Data Elements for Electronic TXT File Submission

#### File format = UTF-8 ASCII text file

## "ASCII printable characters" only accepted e.g. no accents

#### AC "Action code" field + 34 ship station data fields



### Ship station notifications electronic txt format

#### Example of a notification line for 1 ship station:

A;DIVA MARIA;MPBP2;;235039142;;;G;;;;PL;YAT;;;;;GRAHAM;;;235039142;;8;MRS D PELHAM BURN,FLAT 5,35 ELM PARK GARDENS,SW10;0207 3514845;;;3;VHFPORT,RADAR,EPIRB406,VHFDSC;9D0D481E70000C5;982359000

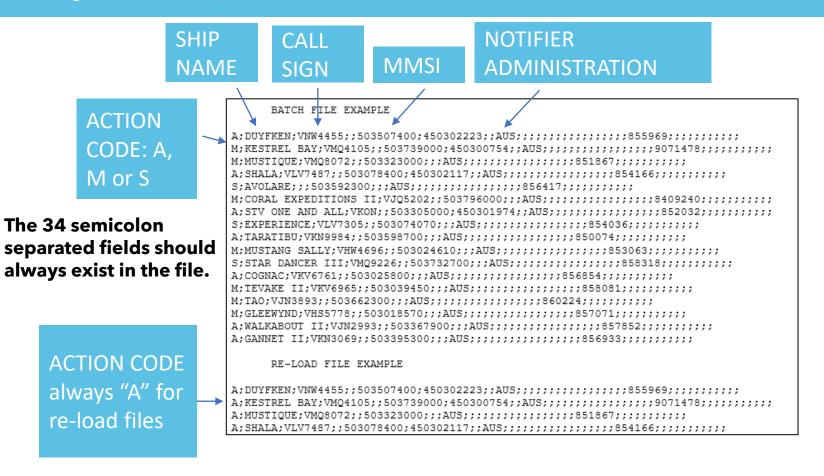
- Field delimiter: Semicolon (;)
- Multiple occurrences in one field separated by: Comma (,)
- Ship Record delimiter: New line

Administrations may notify using 2 file options:

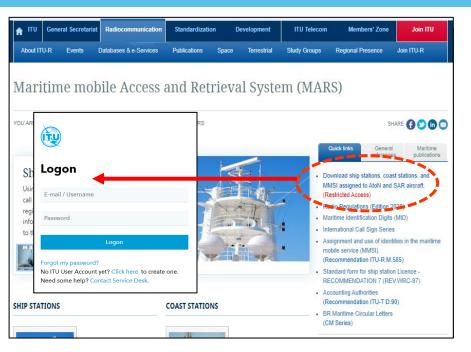
**Option 1**: "Batch file" - updates to the database are notified by the "Action Codes" A (Addition), M (Modification) and S (Suppression) accordingly; or

Option 2: "Re-load file" - the complete list of ship stations for a flag is notified. Therefore, the new list completely replaces the existing one. For Option 2 the "Action Code" A (Addition) is used for all ship stations.

### Ship station notifications electronic txt format



## **Note:** Administration records can be downloaded from MARS May be used as the basis for electronic txt notifications



IRL - Irela	and											
BANTRY										Position: 51°3	3'24"N 010°00'06"W	1
Admin./Geo.	Area symbol: IRL	MM5I: 00250	0380							Services: AIS		
Services												
AIS - Automa	atic identification System											
Address: E-addr.:	No information available No information available						Num. Notes: Remarks:					
MHSI	Latitude	Longibude	Tx Freq.	Unit	Rx Freq.	Channel	Emission Class	Watch I	fours	Remote Name	Num. Note	Remarka
002500380	51*38'24'N 51*28'24'N	010*00'06'W	161.975	M	161.975	A25 1 A35 2	020 020	H24				
BANTRY CO	AST GUARD RADIO									Position: 51º3	3'24"N 010°00'06"W	1
Remotely cor	Area symbol: IRL ntrolled by: MRSC VALENTIA R		0200							Services: MED-AI	DVICE, RCC(s), METEO, N	IOTICE-NAV
Remotely cor		IDIO								Services: MED-AI		
Remotely cor	ntrolled by: MRSC VALENTIA RJ	IDIO					Num. Notes: Remarks:			Services: MED-A		
Remotely cor Services MED-ADVICE Address: E-addr.:	transmitting medical advice     No information available	IDIO		Tx Pre 160.43	q. Ur	t Channel C05	Num. Notes:	Freq. Band VHF	Tic Hits ON REQUEST	Services: MED-A		
Remotely cor Services MED-ADVICE Address: E-addr.: Coll Sign	Transmitting medical advic     No information available     No information available     Sei cost     west	e Listhude S1*36/24*78	Löngitude 650°00'06'W	Tx Free	q. Ur	t Channel	Num. Notes: Remarks:				Nurs. Note	
Remotely cor services MED-ADVICE Address: E-addr.: CSE Son RCC(s) - Ress Address: E-addr.:	trolled by: HRSC VALENTA R         Transmitting medical advic         No information available         No information available         det cost events         exect over the second seco	canada c	Congitude e1940010ff w	Tx Fee 160.81	с. Ur 5 М	z Channal C05	Num. Notes: Remarks: File Remarks: Remarks: Languages:English Sea Area: A1, A2	VHF		Ramote Name	Num, Nola 201.002	Annaria
Remotely cor Services MED-ADVICE Address: E-addr.: Coll Son RCC(s) - Reso Address:	trolled by: HRSC VALENTA R         Transmitting medical advice         Transmitting medical advice         No information available         for oran available         der coart         exerce         coartoartise available         coartoartise         coar	canada c	Congitude e1940010ff w	Tx Fee 160.81	с. Ur 5 М	t Channel	Num. Notes: Remarks: Pre- Pre- Remarks: Remarks: Languages: English See Areas:	VHF		kanada Yama	Num, Nola 201.002	



### Minimum fields for all ship station notifications

- <u>Action Code (AC)</u>
   (A = add new ship station, M = modify existing ship station, S = suppress existing ship)
- <u>Field 1</u> Ship (vessel) name
- Field 2 Call sign (if assigned) AND/OR Field 4 MMSI (if assigned)
- Field 7 Notifying Administration



### **Recommended additional ship stations fields**

### **Administrations** recommended to provide all information which may assist ships in distress

### Information is important for Safety of Life at Sea

#### Field 10 Field 11

Field 12

Field 24

- General classification

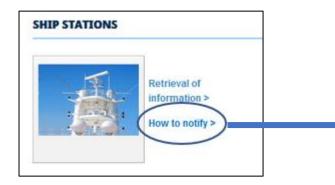
- EPIRBs

- Individual classification
- Vessel Identification Number (IMO number)
- Gross Tonnage
- Emergency contact information
  - Capacity of persons on board
  - EPIRB HEX ID Code
  - MMSI assigned to craft associated with a parent ship
  - Identities for handheld VHF transceivers



- Field 25
- Field 30
- Field 32
- Field 33
- Field 34
- Fields 26 to 29

# Demonstration of ship station notification electronic file using Excel



List of Ship Stations - Notification	
YOU ARE HERE HOME > ITU-R > TERRESTRIAL SERVICES > MARS > LIST OF SHIP STATIONS - NOTIFICATION	SHARE 🔮 😒 👘 😂
IMPORTANT NOTICE	
Only notifications submitted by the responsible Administration or by an Accounting Authority autho (ITU-T Recommendation D.90), will be accepted by the Radiocommunication	
Provision No. 20.16 of the Radio Regulations states that:	
Administrations shall take all appropriate measures to notify the Radiocommunication Bureau immediately of any changes and V, in view of the importance of this information, particularly with regard to safety.	is in the operational information contained in Lists IV
In the case of the data published in List V, which is also made available online through MARS, <u>administrations shall commu</u>	nunicate those changes at least once a month.
In the case of other publications, administrations shall communicate the changes in the information contained in them as s	, soon as possible.
GENERAL INFORMATION PAPER NOTIFICATION FO	FORM
Preface and Reference tables Symbols which designate classes of ships and other abbrevia	Reference Tables link
Description of fields Example	
ELECTRONIC NOTIFICATION Notifications should be	addressed to
	for electronic notification link
Example of electronic notification (multiple ship station <del>b) Direct resear. No. 141227</del> Email: <u>brmail@itu.int</u>	730 3783,
Data elements, Preface an	d Reference
ີables may be used as a gເ	

### **Demonstration ship station notification electronic file** generated using Excel

	DATA ELEMENTS FOR ELECT (SHIP STATIC Radio Regulations (R	ONS)	ION		Data Elements for Electronic TXT File S
Field	Field Name	Field Length (Max.)	Occurrences (Max.)	Total Field Length (Max.)	
AC*	Action Code	1	1	1	
1*	Ship (Vessel) Name	50	1	50	
2**	Call Sign	7	1	7	
3	Selective Call Number(s)	5	2	11	<b>34 ship station data fields plus</b>
4**	Maritime Mobile Service Identity (MMSI)	9	1	9	
5	Satellite Number(s)	13	8	111 (104+7 comma separators)	
6	NTLX Number	5	1	5	
7*	Notifying Administration	3	1	3	
8	Territory or Geographical Area code	3	1	3	
9	Lifeboats	2	1	2	
10	Radio Beacons (EPIRBs)	9	1	9	
11	General Classification	2	1	2	
12	Individual Classification (primary and secondary)	3	2	7 (6+1 comma separator)	More ship data provided
13	Nature of Service (primary and secondary)	2	2	5 (4+1 comma separator)	
14	Services Available	5	1	5	
15	Service Hours	3	1	3	
16	Telegraph transmission frequency bands	5	1	5	
17	Telephone transmission frequency bands	4	1	4	
18	Accounting Authority Identification Code (AAIC)	4	1	4	
19	AAIC for Satellite Communications	4	1	4	
20	Owner Name	200	1	200	
21	Ex Ship (Vessel) Name	50	1	50	
22	Ex Call Sign	7	1	7	Greater information available
23	EPIRB identification code	10	1	10	
24	Ship (Vessel) identification number	15	1	15	
25	Gross Tonnage	7	1	7	
26	Emergency Contact Person ashore (Name & Address)	200	1	200	
27	Emergency Contact Person ashore (Phone)	30	1	30	
28	Emergency Contact Person ashore (Telefax/Email)	30	1	30	
29	Alternative 24-hour emergency phone number	30	1	30	
30	Capacity for persons on board	4	1	4	
31	Ship's radio installation	100	1	100	
32	EPIRB HEX ID Code	15	15	239 (225+14 comma separators)	
33	MMSI assigned to craft associated with a parent ship	9	10	99 (90+9 comma separators)	
34	Identity assigned to handheld VHF transceiver	9	10	99 (90+9 comma separators)	



bmission

#### action code

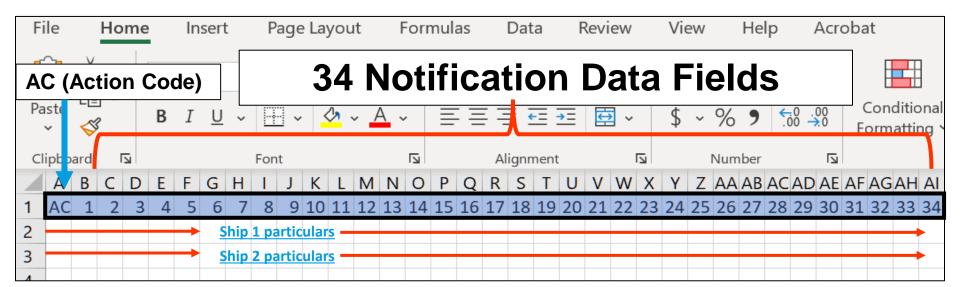
### **y Administration**

or search & rescue

- 1. Open Excel spreadsheet
- 2. On the first row enter in the first column "AC" (Action Code), followed by numbers 1 to 34 i.e the 34 notification data fields

Note:

- Each horizontal row contains 1 ship record
- Each column contains 1 data field



#### \*Mandatory fields

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

Note: If there is no data to notify in a field, the empty field should be retained

(All 34 columns should be provided including empty fields)

Field	Description of Fields	Data to be entered	REMARKS
AC.*	Action Code	A	A – ADDING A NEW SHIP STATION
1 <b>.*</b>	Ship (Vessel) Name	LARA VENTURE	
2.**	Call Sign	VRIJ7	REFER TO RR 19.55
4.**	MMSI Number	<mark>477434300</mark>	
5	Inmarsat Number(s)	<mark>773230382</mark>	
7 <b>.*</b>	Notifying Administration	CHN	
11	General Classification	MM	MM – MERCHANT MARINE VESSEL
13	Nature of Service	CP	CP – PUBLIC CORRESPONDENCE
18	Accounting Authority Identification Code (AAIC)	HX13	
20	Owner Name	OCEAN SHIPPING LTD WAN CHAI, HONG KONG	
24	Vessel Identification number	<mark>9512575</mark>	IMO number or national registration number
25	Gross Tonnage	<mark>52718</mark>	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)	CAPT. XIAO XI HENNESEY ROAD WAN CHAI, HONG KONG	
27	Emergency Contact Person ashore (Phone)	<mark>+852 2863 5333</mark>	
30	Capacity for persons on board	25	

#### Action code and 34 data fields entered in Excel

	Α	В	С	D	E	F	G	Н	I.	J	К	L	м
1	AC	1	2	3	4	5	6	7	8	9	10	11	12
2	A	LARA VENTURE	VRU7		477434300	773230382	CHN					мм	

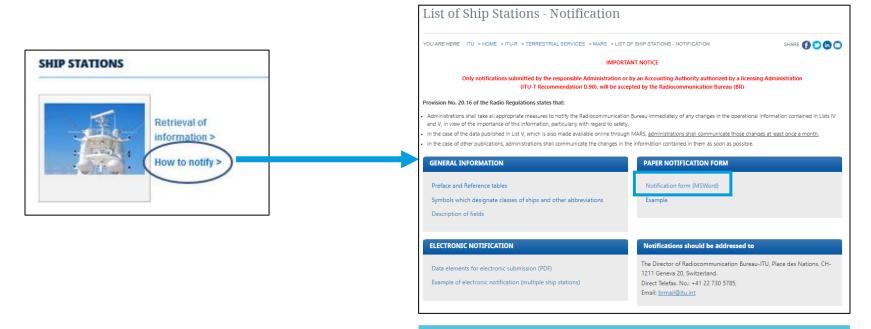
N	0	Р	Q	R	S	Т	U	V	W	Х	Y
13	14	15	16	17	18	19	20	21	22	23	24
СР					HX13		OCEAN SHIPPING LTD, WAN CHAI, HONG KONG				9512575

Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
25	26	27	28	29	30	31	32	33	34
52718	CAPT. XIAO XI HENNESEY ROAD WAN CHAI, HONG KONG	+852 2863 5333			25				

The Excel file can be saved as a text file and notified to brmail@itu.int



### **Demonstration ship station notification using MS Word form**



MS Word form available to download on MARS

## Administrations recommended to notify all information which may assist in a maritime distress

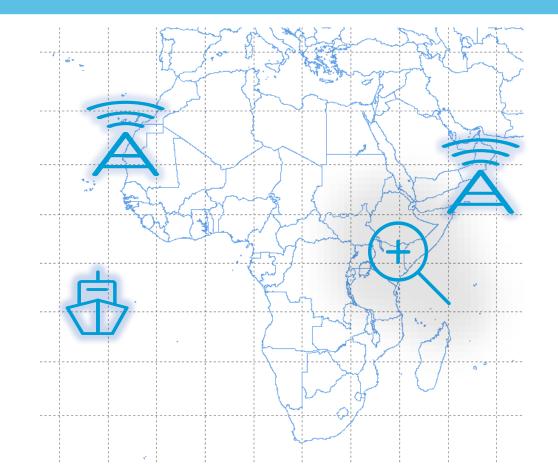
#### Notify by emailing the updated document to <u>brmail@itu.int</u>

Field	Description of Fields	Data to be entered
AC.*	Action Code	A
1.*	Ship (Vessel) Name	LARA VENTURE
2.**	Call Sign	VRIJ7
4.**	MMSI Number	<mark>477434300</mark>
5	Inmarsat Number(s)	<mark>773230382</mark>
7.*	Notifying Administration	CHN
11	General Classification	MM
13	Nature of Service	CP CP
18	Accounting Authority Identification Code (AAIC)	HX13
20	Owner Name	ocean Shipping LTD Wan Chai, Hong Kong
24	Vessel Identification number	<mark>9512575</mark>
25	Gross Tonnage	<mark>52718</mark>
26	Emergency Contact Person ashore (Name & Address)	CAPT. XIAO XI HENNESEY ROAD WAN CHAI, HONG KONG
27	Emergency Contact Person ashore (Phone)	<mark>+852 2863 5333</mark>
30	Capacity for persons on board	<mark>25</mark>

(	NOTIFICATION FORM (SHIP STATIONS) Radio Regulations (RR) Article 20					
AC.*	Action Code					
1.*	Ship (Vessel) Name					
2.**	Call Sign					
1.	Selective Call Number(s)					
4.**	Maritime Mobile Service Identity (WMSI)					
5.	Satellie Harsber(s)					
6.	NTLX Number					
7.*	Notifying Administration	IL Territory or Geographical Area code				
9.	Lifebratx	18. Radio Beacors (EPIRIs)				
11.	General Classification	12. Individual Classification (primary and secondary)				
13.	Nature of Service (primary and secondary)	54. Services Available				
15.	Service Hours					
16.	Telegraph transmission frequency bands	17. Telephone transmission frequency bands				
18.	Accounting Authority Identification Code (AAIC) Owner Name	19. AAIC for Satelite Communications				
21.	Ex Ship (Vessel) Norme					
22.	Ex Call Sign					
21.	EPIRE identification code (WIMSI or MID+Call Sign)					
24.	Ship [Vessel] identification number					
25.	Gross Tonnage					
26.	Emergency Contact Person solvere	[Narse & Address]				
27.		(Phone)				
28.		(Telefan/Ernali)				
29.	Alternative 28-hour energency phone number					
30.	Capacity for persons on board					
11.	Ship's radio installation					
32.	EPIRE HEX ID Code (one or multiple). Separate accurrences with comma $\{J$					
33.	MNIS unigned to craft associated with a parent ship (one or multiple). Separate accumences with commo (,)					
14.	identity assigned to handheid VHF transceivers (one or multiple). Separate accumences with commo $\zeta$ )					



### Information concerning Ship Stations registered in MARS





Country	Ship Stations	Country	Ship Stations
Algeria	614	Sao Tome &	
Burundi	0	Principe	14
Cameroon	99	Senegal	306
Comoros	748	Seychelles	215
Côte d'Ivoire	120	Somalia	30
DRC	13	South Africa	227
Ghana	52	South Sudan	0
Guinea-Bissau	54	Sudan	9
Liberia	5585	Tanzania	222
Madagascar	161	Tchad	0
Maroc	2989	Uganda	1
Mauritania	146	Zambia	0
Niger	0	Zambia	0
RCA	0		
Congo (Republic of)	1		
Rwanda	0		



- Format file contains non-ASCII characters
- Notification file contains existing or duplicated Call Signs or MMSIs
- Notification file contains invalid Call Signs or MMSIs
- Notification received from unauthorized email address; Administration details out-of-date
- Notifications submitted by companies or individuals, instead of through official channels i.e., the Administration
- Accounting authority information submitted by the AAIC company, instead of through official channels i.e., the Administration

Notification tutorial videos are available online to assist Administrations



### **Notification for List V**

### **Extract Coast and Ship Stations**



#### Importance of the Maritime Information Notified by Administrations



Provides ship and shore-based information that facilitates communications for global commercial shipping operations



#### Importance of the Maritime Information Notified by Administrations



Accurate notified information from ITU Member States is a key factor for saving lives at sea



### ITU - Radiocommunication Bureau Questions to: <u>brmail@itu.int</u>