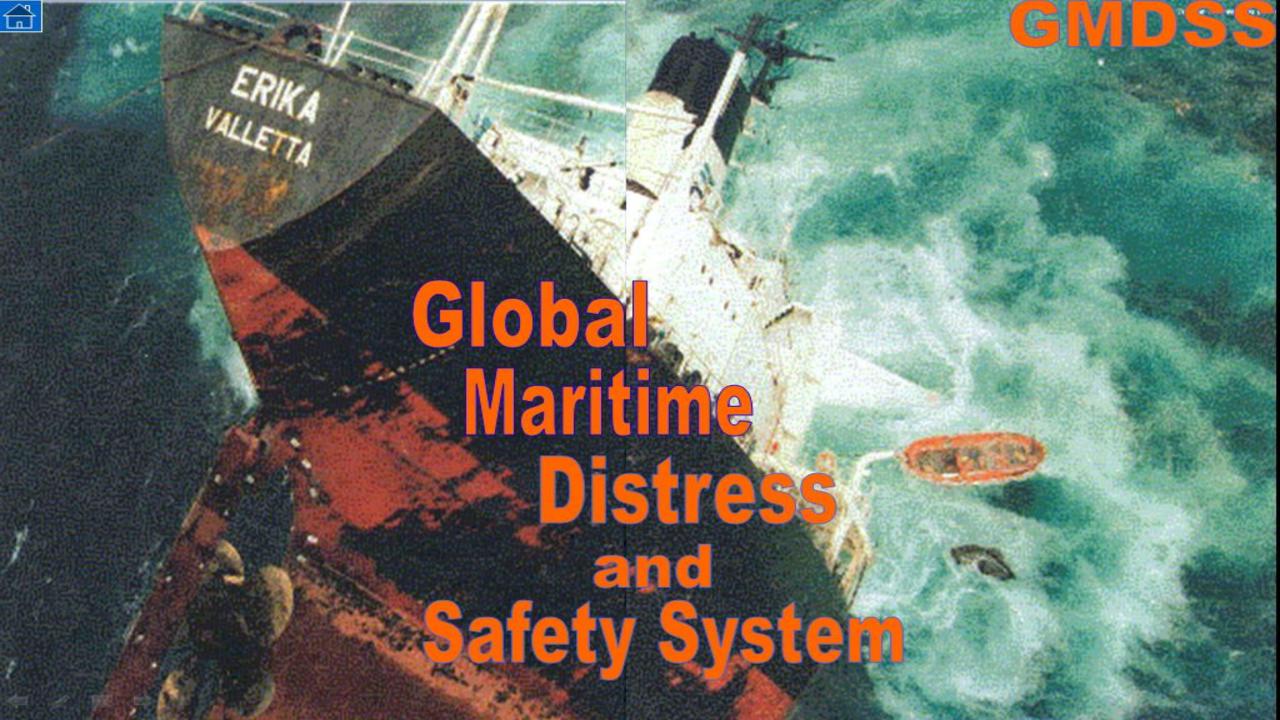


CONTENTS

- Introduction
- **■** Distress-, Urgency- and Safety communication
- Search & Rescue communication
- Routine communication
- **Ship Reporting System (MAREP/POSREP)**
- **■** POSREP-practice
- Role plays: Distress-, Urgency- and Safety messages
- Role plays: routine communication







G.M.D.S.S. VHF/MF/HF Ch.16 simplex DSC INMARSAT COSPAS/SARSAT IMO SOLAS navtex EGC NAVWNG EPIRB TELEX A1-A2-A3-A4 areas SAR SART SMCP (SMV) IMLP VTS mmsi MID MSI etc. etc.



Non-GMDSS vessels (e.g. small vessels)

Announcement & acknowledgement on VHF



Non-GMDSS vessels (e.g. small vessels)

Announcement & acknowledgement on VHF

GMDSS vessels

Announcement & acknowledgement by Digital Selective Calling (DSC)

Non-GMDSS vessels (e.g. small vessels)

Announcement & acknowledgement on VHF

GMDSS vessels

Announcement & acknowledgement by Digital Selective Calling (DSC)

Message by conversation on VHF











Ship's radio-room.



. DISTRESS ALERT: "Urgent! There is serious and immediate danger".



Ship's radio-room.



. DISTRESSALERT:

"Urgent!
There is serious
and immediate danger".

. URGENCY MESSAGE: "Urgent! There is serious danger!"



Ship's radio-room.



. DISTRESSALERT:

"Urgent!
There is serious
and immediate danger".



"Urgent!
There is serious danger!"



Ship's radio-room.



. SAFETY MESSAGE:

"Imminent risk for navigation".

. DISTRESSALERT:

"Urgent!
There is serious
and immediate danger".





Ship's radio-room.



. SAFETY MESSAGE:

"Imminent risk for navigation".

. ROUTINE MESSAGE:

"... to ensure safe navigation".

RCC



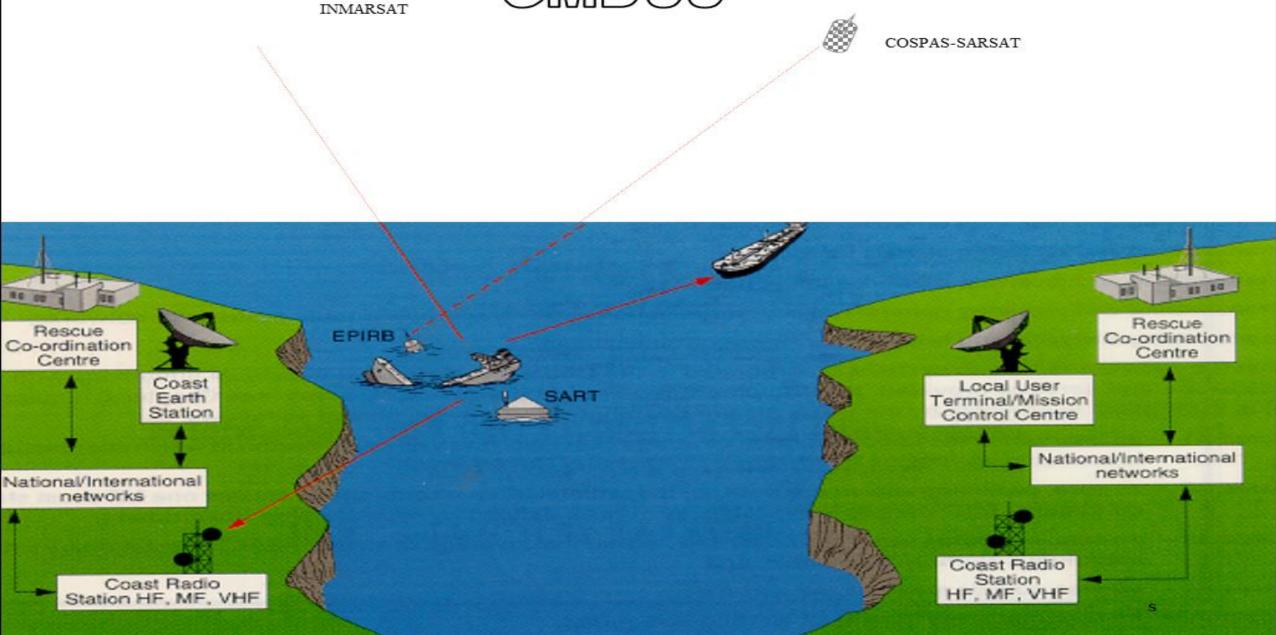
Urgency message announcement by non-GMDSS vessel:

"PAN PAN - 3 X
All stations - 3 X
This is Alcona - BUCE
Alcona - BUCE
Alcona - BUCE:".

Safety message announcement by non-GMDSS vessel:

"SECURITE - 3 X
All stations - 3 X
This is Anticosti - V8SH
Anticosti - V8SH
Anticosti - V8SH:".

GMDSS



DSC-announcement (GMDSS - vessels).







DSC-announcement (GMDSS - vessels).

A <u>Distress Alert</u>, <u>Urgency Message</u> or <u>Safety Message</u> is *announced* to *Rescue Coordination Centre* and all vessels in the *vicinity* through "*Digital Selective Calling*".



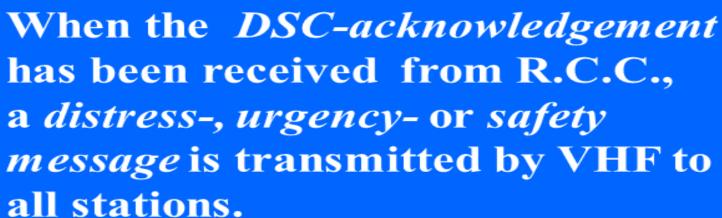




DSC-announcement (GMDSS - vessels).

A <u>Distress Alert</u>, <u>Urgency Message</u> or <u>Safety Message</u> is *announced* to *Rescue Coordination Centre* and all vessels in the *vicinity* through "*Digital Selective Calling*".





Received mayday



Pearl Head - VRSE



Ocean Queen - IRSL





Received mayday

Any ship receiving a *distress alert* <u>acknowledgement</u> from a coastal station must transmit a RECEIVED MAYDAY to the distressed vessel.



Pearl Head - VRSE



Ocean Queen - IRSL



Received mayday

Any ship receiving a *distress alert* <u>acknowledgement</u> from a coastal station must transmit a RECEIVED MAYDAY to the distressed vessel.



Pearl Head - VRSE



Ocean Queen - IRSL



"MAYDAY
Pearl Head (3X) - VRSE
This is Ocean Queen (3X) - IRSL
RECEIVED MAYDAY".



Supplementary received-mayday



Pearl Head - VRSE



Ocean Queen - IRSL

Supplementary received-mayday



Pearl Head - VRSE



Ocean Queen - IRSL

Any vessel that is "able to comply" (within "short range" of the distressed vessel) must transmit a "supplementary received-mayday" to the vessel in distress.

Supplementary received-mayday



Pearl Head - VRSE



Ocean Queen - IRSL

Any vessel that is "able to comply" (within "short range" of the distressed vessel) must transmit a "supplementary received-mayday" to the vessel in distress.

Pearl Head - VRSE





Ocean Queen-IRSL



R.C.C. Aveiro Radio

Distress relay on VHF ("mayday relay")

Any ship, knowing that a vessel in distress is not able to transmit a distress alert, must transmit a distress alert relay.

Pearl Head - VRSE







Ocean Queen-IRSL



Distress relay on VHF ("mayday relay")

R.C.C. Aveiro Radio

Any ship, knowing that a vessel in distress is not able to transmit a distress alert, must transmit a distress alert relay.

Pearl Head - VRSE







Ocean Queen-IRSL



Distress relay on VHF ("mayday relay")

R.C.C. Aveiro Radio

After announcement by DSC or VHF, communication by conversation begins on VHF.



Distress -, urgency - and safety -messages on VHF must contain:

- The vessel's identification;
 9-digit Maritime Mobile Service Identity-Code
 (MMSI-Code);
 or Name and Call Sign;
- . position of the vessel;
- . the nature of distress or danger;
- . number of persons on board;
- . the assistance that is required;
- . any other important information.

when things go wrong.....



MAYDAY on VHF...



(CLICK)

"Coastal response..."



(CLICK)

- "MAYDAY: This is two three five seven eight six zero zero zero
- Pearl Head Victor Romeo Sierra Echo.
- My position: three eight degrees one zero minutes North / zero one eight degrees one zero minutes East.
- I am on fire: fire is in engine room and number-two hold. Vessel is sinking. Crew must abandon vessel. I require assistance.
- Number of crew on board: one eight; number of injured persons: eight; number of casualties: two.
- Over".

"MAYDAY: This is two three five - seven eight six - zero zero zero Pearl Head - Victor Romeo Sierra Echo.

My position: three eight degrees one zero minutes North / zero one eight degrees one zero minutes East.

I am on fire: fire is in engine room and number-two hold. Vessel is sinking. Crew must abandon vessel. I require assistance.

Number of crew on board: one eight; number of injured persons: eight; number of casualties: two.

Over".



distress message







"Securite, securite; securite; all stations, all stations; this is 426 477 000 - tanker Vermont - CAPK in posn. bearing 259 degr. from Falls Light, distance 1.5 miles; time: August 6 - 1645 UTC.

Information: Buoy FL-1 in position 259 degrees from Falls Light, distance 2 miles, missing. OUT"













Situation Report (SITREP) - short form. DISTRESS - Priority; - Date and Time; September twelve time: 13.40 UTC;

- From RCC: San Juan Rescue Co-ordination Centre; All ships in vicinity of position 37 degr. 15 min. N/ 016 degr. 10 min. E;

- SAR SITREP number Search and Rescue Situation Report number one;

(Name, call sign, Flagstate) Bulgarian registration - Position (Latitude / longitude) In position

37 degr. 15 min. N/ 016 degr. 10 min. E;

Distress;

16

211 687 000 Pearl Head-VRSE

Date and time; September twelve 13.43 UTC Pearl Head on fire; Nature of Distress;

- To:

- Identity of casualty

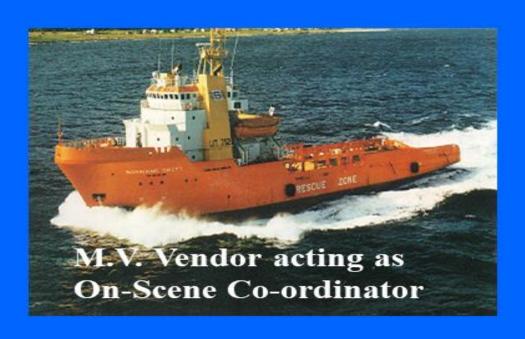
- Situation: Message:

Number of Persons at risk;

- Assistance that is required; Fire fighting assistance and SAR.

Co-ordinting Centre: San Juan Rescue Co-ordination Centre.

Search and Rescue (SAR)



M.V. Pearl Head in distress.



Search and Rescue (SAR)



M.V. Pearl Head in distress.



A Situation Report (SITREP) is transmitted by the *OSC* to inform the SAR-Mission Co-ordinator (SMC) at RCC.













Routine communication

ship to coastal station

intership

intraship

Announcement (by non-GMDSS vessels).



M.V. Anticosti - V8SH



VTS Halifax Radio

Announcement (by non-GMDSS vessels).

Intership communication and communication between ship and coastal station is announced on VHF.



M.V. Anticosti - V8SH



VTS Halifax Radio

Announcement (by non-GMDSS vessels).

Intership communication and communication between ship and coastal station is announced on VHF.



M.V. Anticosti - V8SH

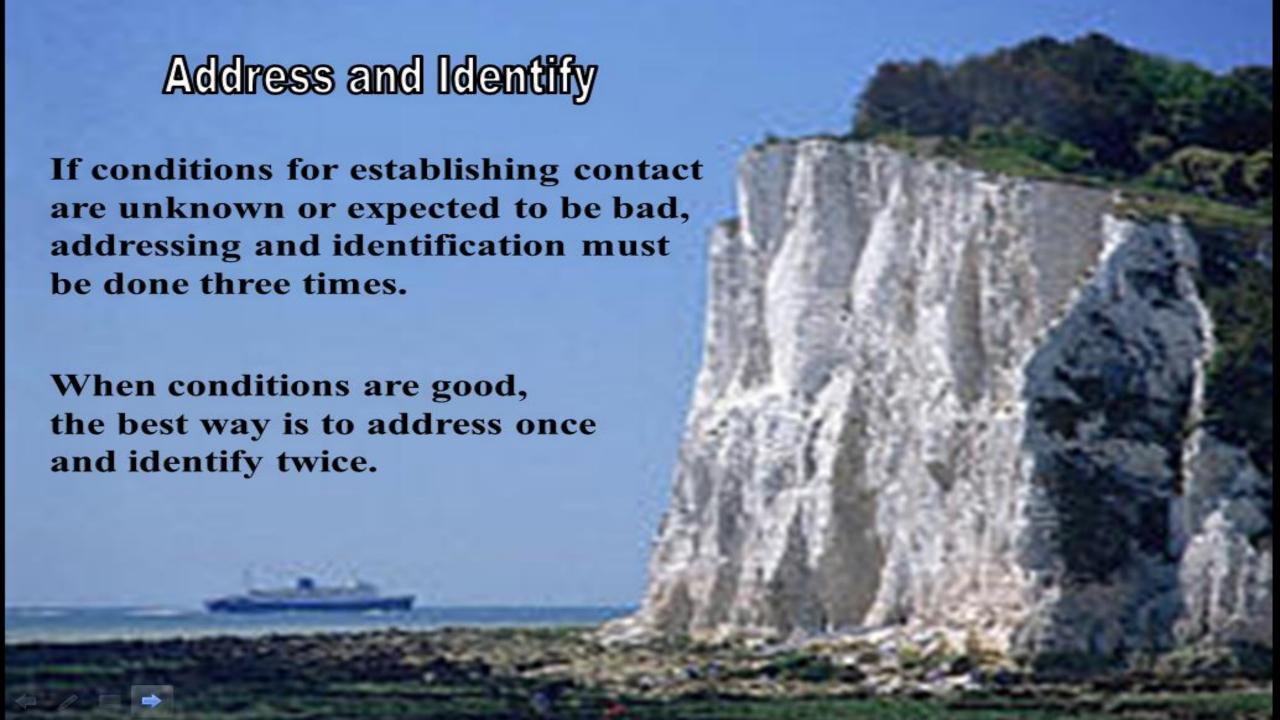


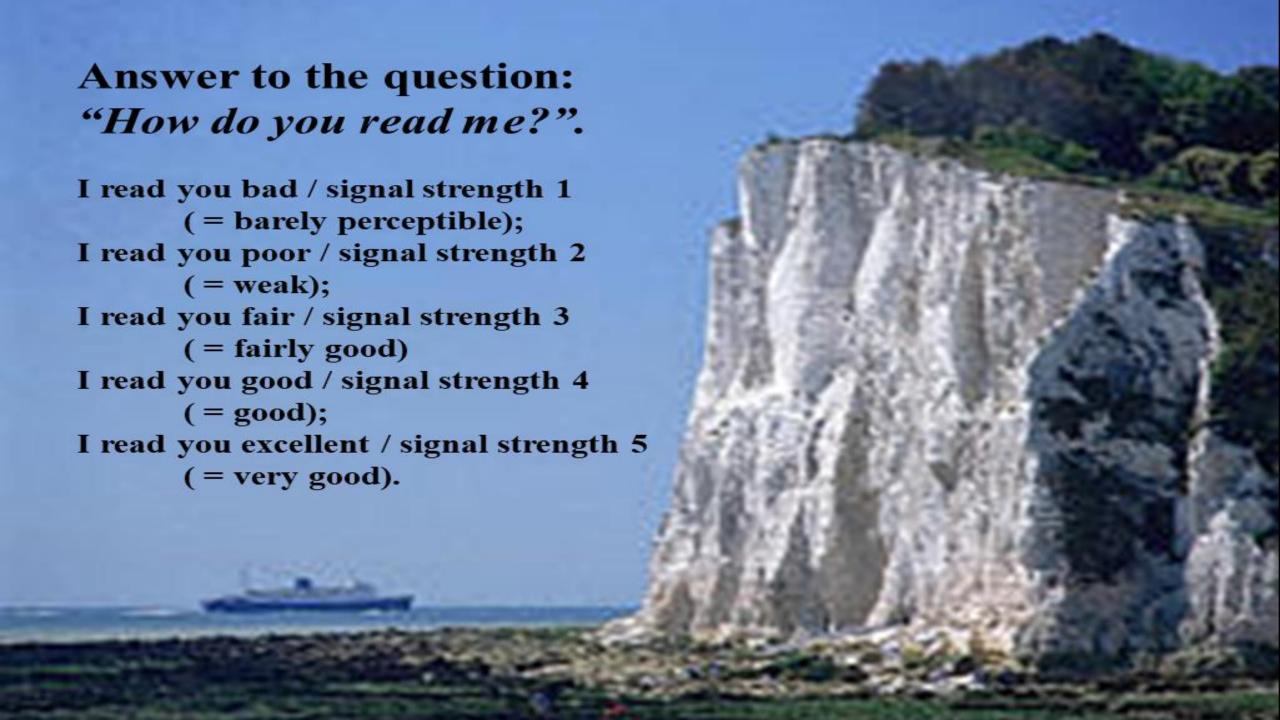
VIS Halifax Radio

"Address" and "Identify"











DSC-announcement (GMDSS - vessels).

Intership communication and communication between ship and coastal station is *announced* through Digital Selective Calling.





DSC-announcement (GMDSS - vessels).

Intership communication and communication between ship and coastal station is *announced* through Digital Selective Calling.





When the *DSC-acknowledgement* has been received, communication by VHF will begin.

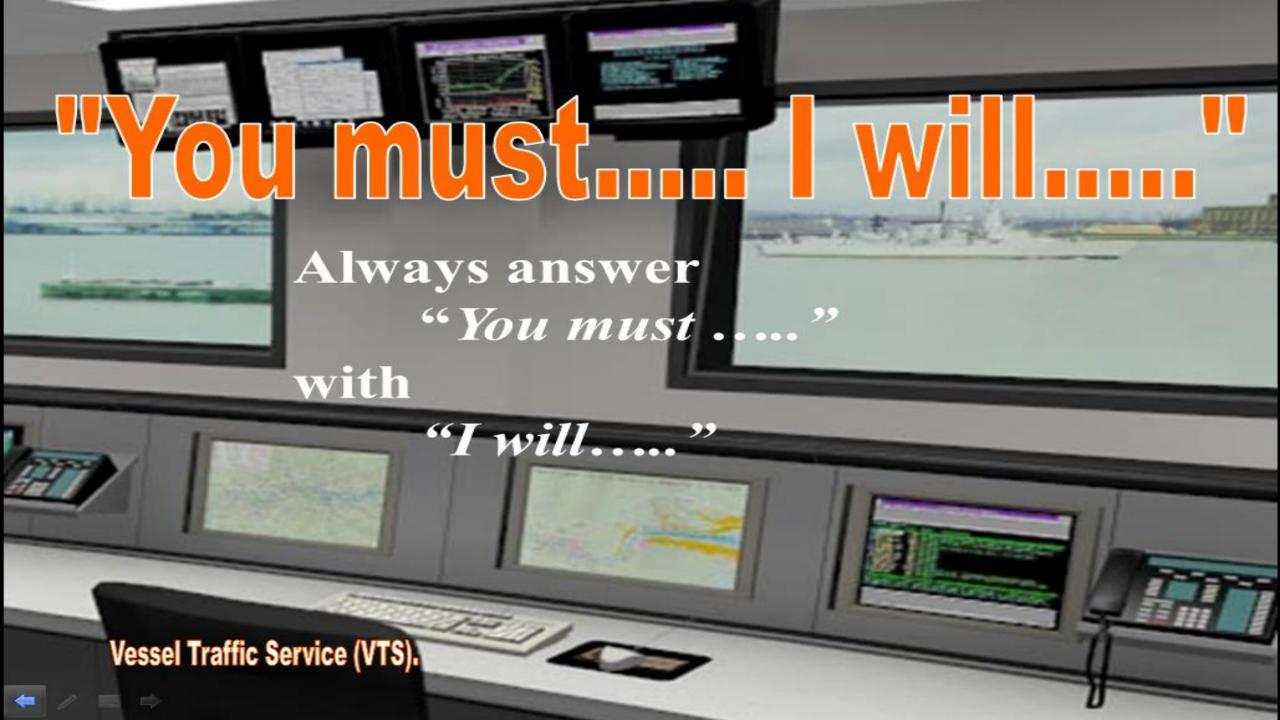
REMEMBER:

Always

ADDRESS AND IDENTIFY

after you have heard the word

"OVER".



"Mistakecorrection"



"Mistake correction" is used when incorrect information has been given.

"Mistakecorrection"



"Mistake correction" is used when incorrect information has been given.

Repeat

"Repeat" (or "I say again") is used when an *important* message or part of a messages is repeated.

"Say again"

"Say again" is used when a message or part of a message has not been clearly understood.

SMCP

In VHF-communication the IMO Standard Marine Communication Phrases must always be used to keep the conversation short.

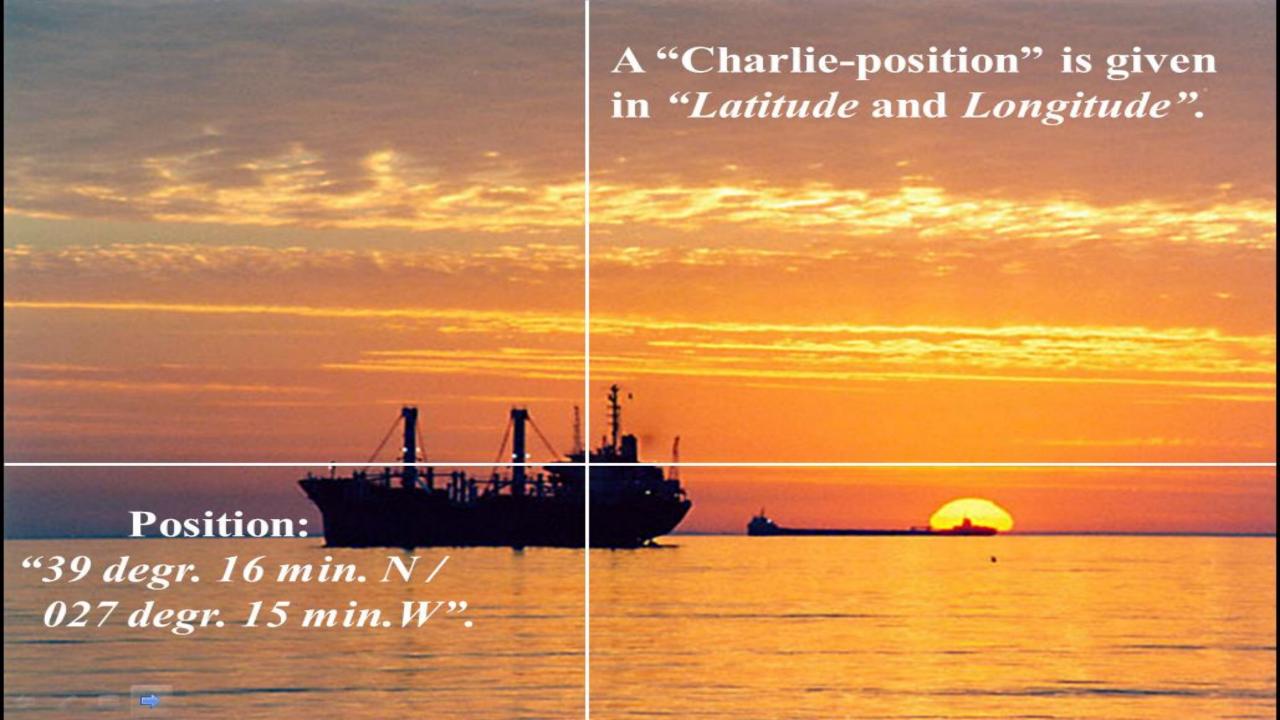


IMO Ship Reporting System

Coastal stations often ask for a MARITME and POSITION REPORT of your ship. For this MAREP/POSREP the Standard Marine Alphabet is used.

MAREP / POSREP

<u>ALFA</u>	- VESSEL'S NAME + CALL SIGN;	OSCAR	- DRAFT;
<u>BRAVO</u>	- DAY OF MONTH AND TIME	PAPA	- CARGO
	(UTC/Z / ZONE / LOCAL TIME);		(TYPE AND QUANTITY);
CHARLIE	- POSITION	QUEBEC	- ANY DEFECTS OR
	(LONGITUDE / LATITUDE);	<u>VCLBLC</u>	LIMITATION;
DELTA	- POSITION (AS BEARING AND	ROMEO	
	DISTANCE FROM FIXED POINT.);	ROMEO	- ANY POLLUTANTS OR
ЕСНО	- TRUE COURSE;		DANGEROUS GOODS;
	- SPEED (IN KNOTS);	SIERRA	- WEATHER CONDITIONS;
<u>FOXTROT</u>		TANGO	- SHIP'S REPRESENTATIVE
GOLF	- LAST PORT OF DEPARTURE;		OR OWNER;
HOTEL	- TIME AND POINT OF ENTRY	UNIFORM	- SIZE AND TYPE OF
	INTO THE SYSTEM;		VESSEL;
<u>INDIA</u>	- DESTINATION (+ ETA);	VICTOR	
JULIET	- DEEP SEA OR LOCAL PILOT	WHISKEY	
	ON BOARD;	WHISTEE	BOARD;
KILO	- TIME OF EXIT FROM THE	V D AV	- ANY OTHER USEFUL
	SYSTEM;	X-RAY	
LIMA	- INTENDED TRACK;		INFORMATION.
		YANKEE	- REQUEST TO RELAY
MIKE_	- VHF-CHANNELS GUARDED;		REPORT TO OTHER
NOVEMBER	- TIME OF NEXT REPORT;		SYSTEM (E.G. AMVER);
		ZULU	- END OF REPORT.



A "Delta-position" is a bearing and distance-indication from a fixed point. It is *preceded* by the word "bearing".

Position:

"Bearing 158 degr. from the Bassurelle, distance 1.5 miles".