

Coastal and Offshore Cruising Log Book

This log book has been designed as an aid only, for the collection and interpretation of the types of navigational data and weather information commonly used by small and leisure craft when making coastal and offshore passages. The actual interpretation of navigational and weather information is the sole responsibility of the vessel's master. It is recommended that a minimum level of knowledge, about vessel navigation and weather, equivalent to a Yacht Master Coastal, shore based certificate, has been obtained before attempting to interpret data.

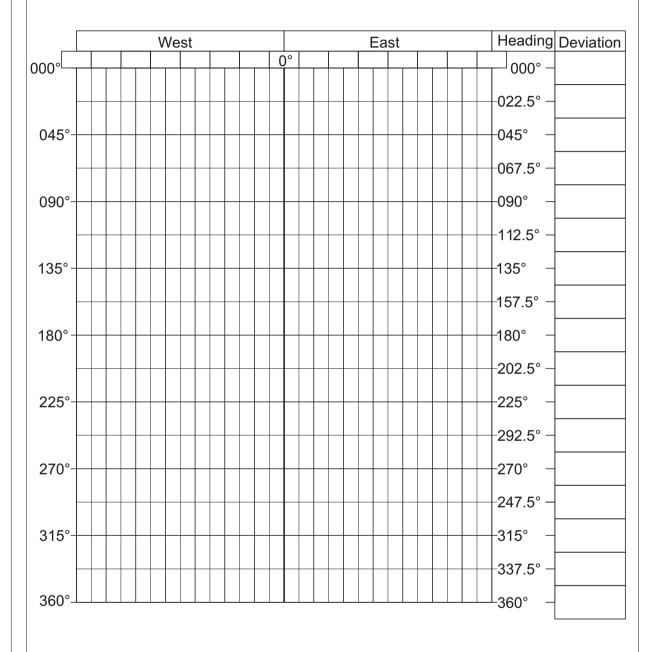
Note on marine VHF usage.

In Ireland or the UK, if you are the owner of a marine VHF hand held or fixed set you are required by law to hold an operators licence. Bluesea's will bear no responsibility for encouraging unlawful radio transmissions of any type by including a radio log in this publication.

The Bluesea's log book is an initial edition, in what will be an ongoing project. We would welcome any feedback in the way of comments, constructive criticism or requests. Please direct these to info@blueseas.ie

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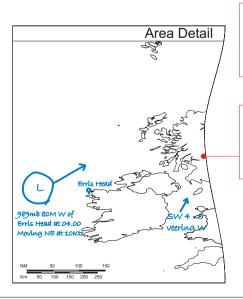
Compass Deviation Table



Suggestions for using the Weather Forecast, Radio log and Area Detail page

Date	Date: 27/05 /08						
Wea	Weather Forecast						
Time	Sea Area	Imminent / Soon (Within 6hrs / 6-12hrs)	Later (More than 12hrs)	Outlook for 24 Hours			
07.00	Belfast Lough to Wicklow Hd	F4 to 5 SW	veering 3 to 4 W	Light to variable westerly wind some showers in places.			

Rad	io Log	3		
Time	Channel	Station	Position	Message
08.10	DSC 70 Ch 83	Yacht Pequod	N 53° 18′ 18″	Traffic Report - Enroute to Douglas Isle of
	Ch 83	,	W 06° 07' 511"	Mann. 4 persons on board. ETA 21.00hrs.
08.11	Ch 83	Dublin CGR		Traffic Report received. Cancel TR with
				Holyhead Coastguard upon arrival
12.15	Ch 16	MV Lollipop	N 53° 33′ 37″	Pan Pan. Engine failure. 5 persons
12.10	01120		W 05° 57′ 51″	on board. Require assistance
1 12.10 0/1 10 15/10/10/10/10/10	To MV Lollipop. Clogher Head Life boat			
		7100000 9 10		Has been called and is being launched.
			•	



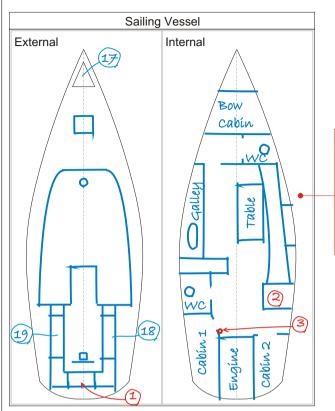
Radio Log

This is useful for recording radio traffic to and from your vessel, emergency and other relevant radio information related to your area.

Area Detail

The Area Detail box is useful for sketching quick graphic representations, related to wind, weather and geography etc.

Suggestions for using the Vessel Inventory page



Choose the generic boat shape that is most suited to your vessel.

Using a pencil, draw a simple external deck plan and an internal cabin plan.

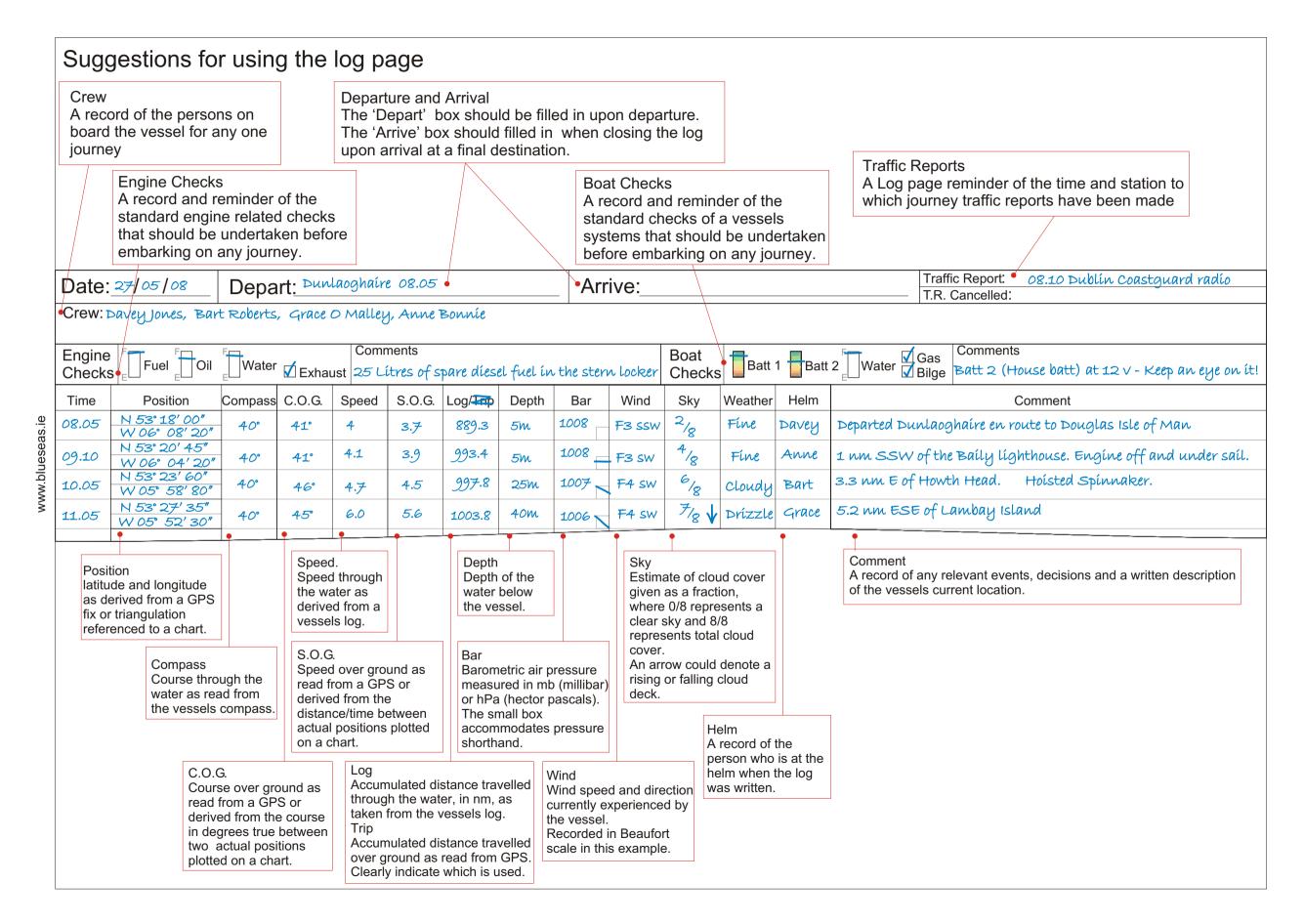
On these it is then possible to mark in the stowage location of equipment etc on your vessel.

	Emergency E	Equipment Inventory
	Item	Location
1	Life Raft x 6 persons	Stern Locker behind helm
2	Flares	Grab bag in Locker under Nav Table
3	E.P.I.R.B.	Mounted in companionway

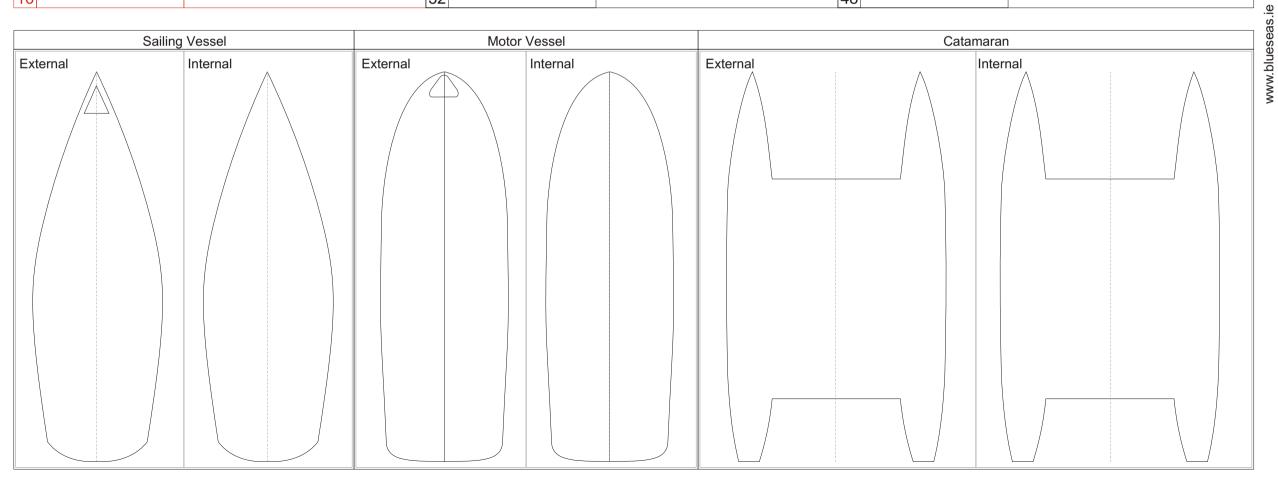
	Equipment Inventory 🗸
Item	Location
17 Anchor	Anchor Locker
18 Spare Anchor	Starboard cockpít Locker
19 Warps	Port cockpít Locker

The vessel inventory is divided into two sections. The first section, in red is dedicated to emergency equipment.

The second section, in black is for the vessels regular working equipment.
The numbered item slots can then also be referenced to the vessel plan as shown in the example.



Eme	Emergency Equipment Inventory			Equipment Inventory	
Item	Location	Item	Location	Item	Location
1		17		33	
2		18		34	
3		19		35	
4		20		36	
5		21		37	
6		22		38	
7		23		39	
8		24		40	
9		25		41	
10		26		42	
11		27		43	
12		28		44	
13		29		45	
14		30		46	
15		31		47	
16		32		48	

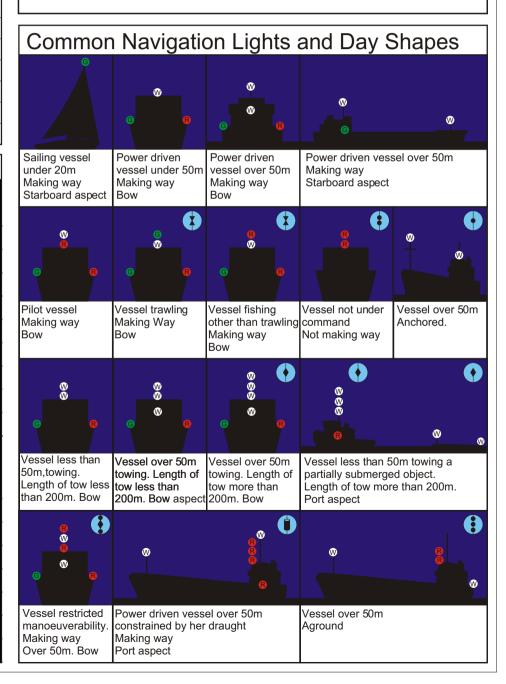


Beau	fort Scale			
Force	Description	Wind Speed Knots	Sea State	Approximate wave height in metres
0	Calm	0 - 1	Mirror smooth	0
1	Light air	1 - 2	Scaley ripples without crests	Less than 0.1
2	Light breeze	3 - 6	Small wavelets, glassy crests that do not break	0.1 to 0.3
3	Gentle breeze	7 - 10	Large wavelets, crests may break	0.3 to 0.9
4	Moderate breeze	11 - 15	Small waves, some white horses	0.9 to 1.5
5	Fresh breeze	16 - 20	Moderate waves, many white horses	1.5 to 2.5
6	Strong breeze	21 - 26	Large waves with foam crests and some spray	2.5 to 4
7	Moderate gale	27 - 33	Sea heaps up. White foam starting to be blown in streaks	4 to 6
8	Fresh gale	34 - 40	High long waves forming spindrift. Streaks of foam	6 to 8
9	Strong gale	41 - 47	High waves, dense foam, crests roll over, Lots of spray	8 to 10
10	Storm	48 - 55	Sea white with foam. Tumbling waves. Airborne spray	10 to 12
11	Violent Storm	56 - 63	Extremely high, violent waves. Spray reduces visibility	12 to 14
12	Hurricane	64 +	Huge heaped up waves. Visibility seriously affected	14 +

Sound Signals		
Restricted Visibility Signals	Meaning	
One long blast every 2 min's	ı	Power driven vessel making way
Two long blasts every 2 min's		Vessel underway but stopped
One long, two short blasts every 2 min's		Sailing vessel
One long, two short blasts every 2 min's	- :	Vessel not under command
One long, two short blasts every 2 min's		Vessel constrained by her draught
One long, two short blasts every 2 min's		Vessel fishing
One long, two short blasts every 2 min's		Vessel towing
One long, three short blasts every 2 min's		Vessel or object under tow
Four short blasts every 2 min's	• • • •	Pilot vessel
Bell rung rapidly for 5 sec's every 1 min	(A)(Rapid ringing)	Vessel at anchor
Three strokes of a bell, then rung rapidly for 5 sec's followed by three strokes of bell, every 1 min	444 (4) 444	Vessel aground
Safety Signals		Meaning
One short blast	•	I am altering course to starboard
Two short blasts	• •	I am altering course to port
Three short blasts	• • •	I am operating astern
Two long, one short blast		I intend to overtake to starboard
Two long, two short blasts		I intend to overtake to port
One long, one short, one long, one short blast		Affirmitive reply/Proceed
Five or more short blasts	••••	Warning!/What are your intentions?

Barometric pressure)		
Pressure changes	Description	Shorthan	d
Less than 0.1Mb in 3 hours	Steady		
0.1 - 1.5Mb in 3 hours	Rising / Falling slowly		
1.6 - 3.5Mb in 3 hours	Rising / Falling		
3.6 - 6Mb in 3 hours	Rising / Falling quickly		
More than 6Mb in 3 hours	Rising / Falling rapidly		

Pressure change of more than 5Mb in 3 hours - almost certain force 6 Pressure change of more than 8Mb in 3 hours - almost certain gale



Date	e: / /			
Wea	ather Fored	ast		
Time	Sea Area	Imminent / Soon (Within 6hrs / 6-12hrs)	Later (More than 12hrs)	Outlook for 24 Hours
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Rad	io Log			
Time	Channel	Station	Position	Message





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Date:	1 1	Depart:				Arr	Arrive: Traffic Report: T.R. Cancelled:				fic Report: Cancelled:		
Crew:												1	
Engine Checks	Fuel Fuel Oil	F Water □ Exhau	Comr	nents					Boat Checks Batt 1 Batt 2 Water Gas Bilge Comments				Comments
Time	Position	Compass C.O.G.	Speed	S.O.G.	Log/Trip	Depth	Bar	Wind	Sky	Weather	Helm		Comment
		_											

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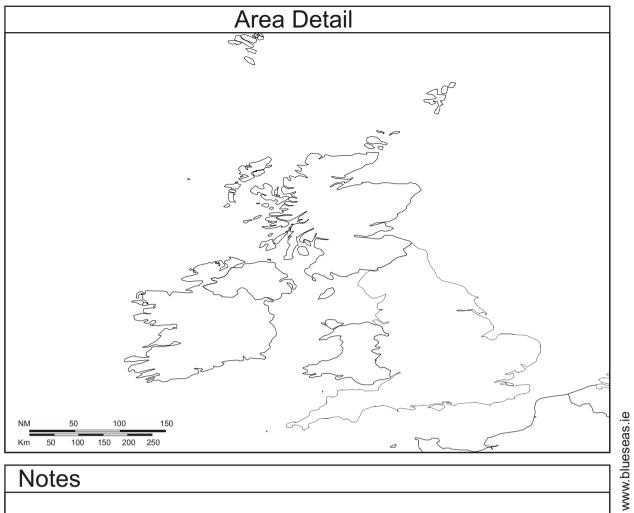
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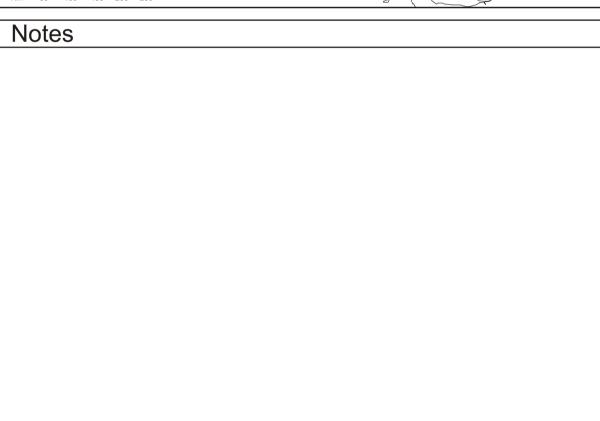




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Date:	1 1	Depart:	Depart:						Arrive: Traffic Report: T.R. Cancelled:				
Crew:												1	
Engine Checks	Fuel Fuel Oil	F Water □ Exhau	Water Exhaust Comments							Batt	1 Batt	2 E Water ☐ Gas ☐ Bilge	Comments
Time	Position	Compass C.O.G.	Speed	S.O.G.	Log/Trip	Depth	Bar	Wind	Sky	Weather	Helm		Comment
		_											

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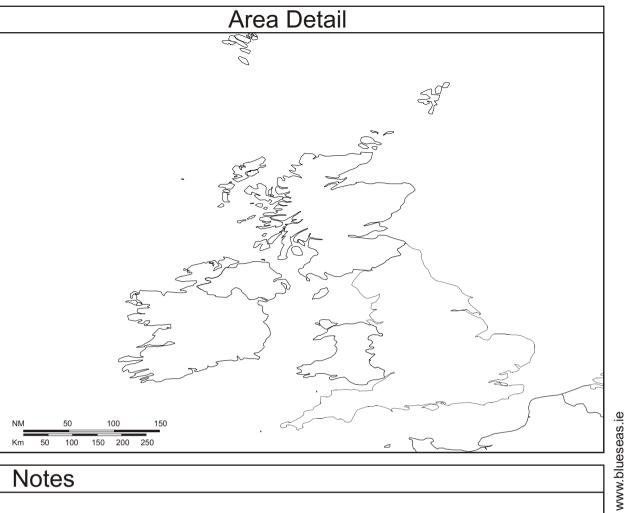
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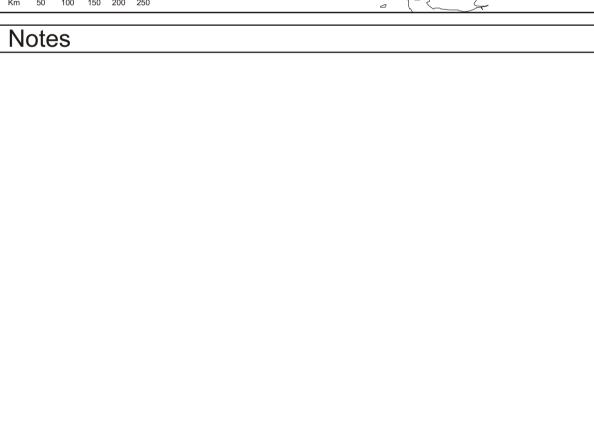




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eather Forecast							
'S	Outlook for 24 Hours	Later (More than 12hrs)	Imminent / Soon (Within 6hrs / 6-12hrs)	Sea Area	Time		
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Radio Log Time Channel Station Position Message						
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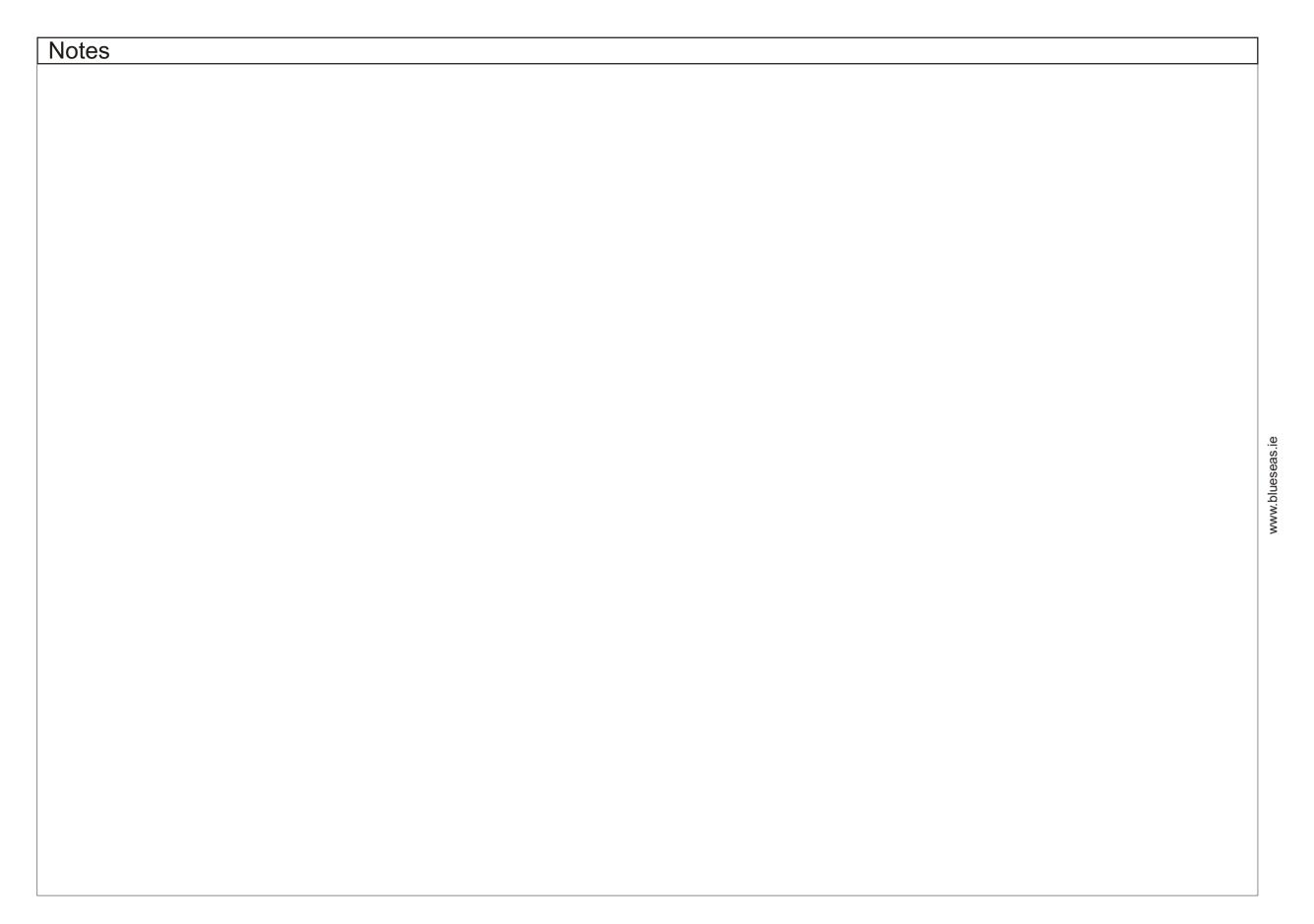


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Pan Pan - Means that there is an emergency aboard a vessel but for the time being at least there is no immediate danger to life or the vessel's integrity.

Pan Pan Medico - is appropriate when a person aboard a vessel is is in need of medical assistance but not in immediate mortal danger.

Mayday - Grave and imminent danger to vessel and/or life.

Mayday Relay - Is made by one vessel on behalf of another vessel which is in distress and cannot on its own, for whatever reason raise assistance on its own.

Phonetic Alphabet

Α	Alpha	N	November
В	Bravo	0	Oscar
С	Charlie	Р	Papa
D	Delta	Q	Quebec
Ε	Echo	R	Romeo
F	Foxtrot	S	Sierra
G	Golf	Т	Tango
Н	Hotel	U	Uniform
]	India	V	Victor
J	Juliet	W	Whiskey
K	Kilo	Χ	X-ray
L	Lima	Υ	Yankee
M	Mike	Z	Zulu

DSC Emergency Distress Call

Option 1 Sends an undesignated distress signal

- -Lift the cover on the red SOS button and press the button for at least five seconds.
- -Wait 15 seconds and send a Mayday using voice as laid out in the VHF Emergency Distress Procedure.

Option 2 Sends a designated distress signal

- -Lift the cover on the red SOS button and press the button momentarily.
- -Follow the menu instructions and select the type of emergency.
- -Lift the cover on the red SOS button and press the button again for at least five seconds.
- -Wait 15 seconds and send a Mayday using voice as laid out in the VHF Emergency Distress Procedure.

VHF Emergency Distress Call

- -Select Channel 16
- -Press the transmit button, and say slowly and clearly
- -"Mayday, Mayday, Mayday"
- -"Mayday, this is" (Repeat the name of your boat three times)
- -"My position is" (Use latitude and longitude, or a true bearing and distance from a known point if you don't know, don't guess.)
- -" am" (State the nature of distress such as sinking, on fire)
- -"I require immediate assistance"
- -"I have" (Number of persons on board and any other useful information)
- -"Over" (this means please reply)
- -Now release the transmit button and wait for a reply.
- -Keep listening to Channel 16 for instructions.
- -If you hear nothing then repeat the distress call.