

VHF Booklet

Imagine what may happen if a distress situation were to take place and you or a guest on your boat needed to place some form of priority call. In the excitement of the moment, it is easy to forget the proper procedure. It would be handy to have a reminder of what buttons to press on your radio and the form of the different types of calls.

This program uses WORD. You modify this document required and then print this out. It becomes a small-sized booklet that can fit into a handy space near your radio. Advise guests that in the event that they need to make a priority call, information relating to your radio will be found there.

After printing out the booklet, you should laminate the pages with a simple kit available at office supply stores. This will waterproof the booklet. This is especially needed if you use an ink-jet printer because most ink-jet printouts will run if they get wet.

If you have a DSC radio, the exact sequence of buttons to press can vary from model to model. Refer to your User's Guide and modify the instructions to match **your** equipment.

The instructions in green are for standard VHF radios, the instructions in orange are for DSC radios. Before printing, delete the sections that do not apply to your equipment.

Before modifying the text, copy the file 'Booklet.doc' from the CD to your hard drive, then use WORD to work on the document. Be careful to keep the information on each page in the same location where it is so that the tabs will match up with the data (e.g., Distress information will be found when you select the Distress tab).

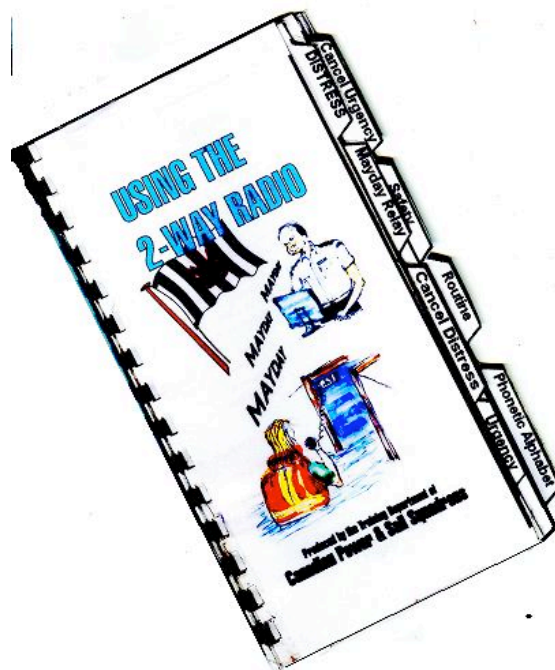
Where it says 'Capri' in the sample text, you will change 'Capri' to the name of your vessel before printing the booklet. In that way, the booklet becomes customized to match your vessel. Where

there is a description of the vessel, you will substitute the proper description of your boat.

Print using 'Page Layout Printing'. In Word, with some printers this is accomplished by choosing "File", "Print", "Properties", "Page Setup" and select "Page Layout Printing" under "Printer Type". The settings depend on the options available on your model of printer.

You can create tabs by trimming with a scissors along the line the right edge of the pages. These tabs will make it easier to find the correct page.

Starting on page 1 (after the cover) there is also a trim line along the left edge of each page. Cut all pages that have a trim line on the left side.

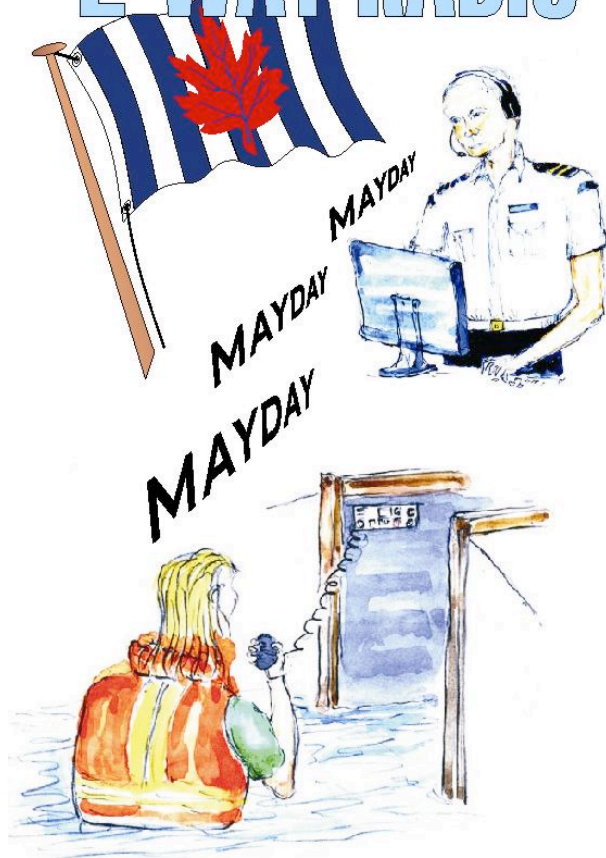


Discard these first two instruction pages and begin your booklet with the following sheet which is the cover.

With some printers, you may have to adjust the margins.

This document is intended to be printed two pages per sheet of paper. By cutting along the lines, you end up with a compact booklet with two rows of tabs.

USING THE 2-WAY RADIO



Trim
along
these
lines
on
the
rest
of
these
pages



DISTRESS CALL

For both standard AND DSC radios, select Channel 16.

For a DSC radio. . .

Input the vessel's position (latitude and longitude and UTC time (if the radio is not connected to a GPS). To do this. . .

- Push DSC/ENT twice
- Rotate channel selector to set a digit
- Push CH/WX to advance the cursor or SCAN to move cursor backwards
- Push HI/LO to clear data
- Push DSC/ENT after you have set your position
- Set time then press DSC/ENT

To set distress type,

- push DSC/ENT,
- select DSC menu
- use channel selector choose 'DTRS set'
- press DSC/ENT and select type (flooding, collision, etc.)
- Press DSC/ENT

To make the Distress call. . .

Lift Distress button cover, hold down button for five seconds. When acknowledgement is received, the system switches to channel 16.

Produced by the Training Department of
Canadian Power & Sail Squadrons

Making a Mayday (Distress call) on a standard radio.

Select Channel 16

MAYDAY, MAYDAY, MAYDAY

This is (Esquire, Esquire, Esquire)

MAYDAY, Esquire

Position is (state your location)

Vessel is a 30 foot Newport cruiser sailboat,
White with blue stripe and blue dodger

State number of persons on board

Type of Distress (sinking, fire, explosion etc.)

Plan of Action (abandoning ship, advise if there is a dinghy, if people are wearing life jackets)

This is Esquire

Over



MAYDAY RELAY CALL

Select Channel 16

(There is no digital Mayday relay call, only a regular voice call on Channel 16).

MAYDAY RELAY, MAYDAY RELAY, MAYDAY RELAY

This is Esquire, Esquire, Esquire

MAYDAY (the name of the distress vessel)

Location of the Distress vessel

Nature of the distress (sinking, personal injury, etc.)

Number of persons on board

Their plan of action

Esquire

Over



CANCELLATION OF DISTRESS

Cancellation of distress is done by voice only.

Select Channel 16

MAYDAY

**ALL STATIONS, ALL STATIONS,
ALL STATIONS**

This is Esquire

Time (filing time of message, spelt phonetically,
e.g., one eight three zero Pacific Standard)

Name of vessel in distress

SEELONCE FEENEE

**Reason why Distress situation is being cancelled (e.g. all persons safe on board
Your vessel. Distressed vessel has sunk)**

Esquire OUT

Establish contact with the Coast Guard and make certain they know that the distress has been cancelled.



URGENCY CALL

For both standard AND DSC radios, select Channel 16.

For DSC radios

- push DSC/ENT,
- select DSC menu
- use channel selector choose 'All Ships'
- press DSC/ENT
- press DSC/ENT again to make the call

Select Channel 16

For standard radios. . .

**PAN PAN, PAN PAN, PAN PAN
ALL STATIONS, ALL STATIONS,
ALL STATIONS**

(Or if addressed to a specific station, transmit that name three times)

This is Esquire, Esquire, Esquire

Position is (your location)

Vessel is a 30 foot Newport cruiser, white with blue stripe and blue dodger

The urgency situation (damaged rudder, unable to steer, out of gas, . . .)

Request (need tow)

Esquire OVER

CANCELLATION OF URGENCY

Select Channel 16 (there is no DSC cancellation, it must be done manually)

Pan Pan

All Stations, All Stations, All Stations

This is Esquire, Esquire, Esquire

(Give reason for cancellation such as 'Under tow to Marina')

Urgency Ended

Esquire Out

Cancel Urgency

SAFETY CALL

For DSC radios, select Channel 06

- push DSC/ENT,
- select DSC menu
- use channel selector choose 'All Ships'
- press DSC/ENT
- press DSC/ENT again to make the call

Both standard and DSC radios. . .

Select Channel 16

Example One

**SECURITE, SECURITE, SECURITE,
ALL STATIONS, ALL STATIONS,
ALL STATIONS**

This is Esquire, Esquire, Esquire

**Safety message concerning to follow on
channel - (06)**

Esquire OUT

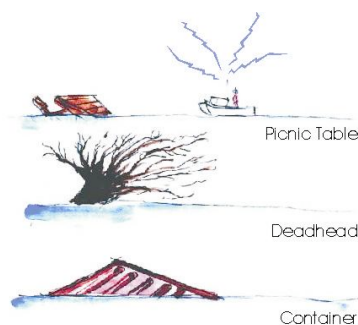
Safety

Example Two

SECURITE, SECURITE, SECURITE
ALL STATIONS, ALL STATIONS, ALL STATIONS
This is **Esquire, Esquire, Esquire**
Safety message (e.g., large deadhead floating near...
menace to navigation)
Esquire
OUT

Example Three

SECURITE, SECURITE, SECURITE
ALL STATIONS, ALL STATIONS, ALL STATIONS
This is the Sailing Vessel **Esquire, Esquire, Esquire**
Our position is _____
Our course is _____ degrees magnetic and our speed
is _____ knots.
We are sailing in reduced visibility
Any vessel in the area please respond on Channel 16
Esquire
OUT



Routine Calls (call an individual station)

For DSC radios, select the channel you will be communicating on.

Push DSC/ENT

Use the channel selector, choose 'Individual' and push DSC/ENT.

Use channel selector to choose an MMSI# or select 'Manual set'.

Press DSC/ENT to transmit call.

Standby for acknowledgement. When one is received, system changes to the channel you selected.

Calling on a standard (non-DSC) radio.
Select calling frequency (usually Channel 16)

(Name of friend's boat, repeated three times)
This is **Esquire, Esquire, Esquire**
Over

After making contact, switch to a working channel.

Phonetic Alphabet

Alpha	November
Bravo	Oscar
Charlie	Papa
Delta	Quebec
Echo	Romeo
Foxtrot	Sierra
Golf	Tango
Hotel	Uniform
India	Victor
Juliett	Whiskey
Kilo	X-Ray
Lima	Yankee
Mike	Zulu

CH. CANADIAN USAGE

- 06 This is the primary working channel for intership use.
- 09 In the U.S. this channel can be used as a calling channel recreational boats. It is not a calling channel in Canada.
- 11,13,74 Victoria Traffic. Passively listening to these channels will keep boaters informed of the intentions of the large commercial ships in the area. Only vessels over 20 meters use the Vessel Traffic System. Traffic area boundries are the same as for continuous marine broadcast
- 11 Prince Rupert Traffic, Comox Traffic
- 12 Vancouver Traffic
- 16 Emergency and for calling up other boats. If someone else is transmitting wait until they have finished. Commercial ships call each other on a different channel.
- 66A Marinas on the West Coast and in Washington State are now standing by on this channel. However, many marinas still use 68 and 73.
- 67 Suggested intership channel for recreational boaters.
- 68 Suggested intership channel for recreational boaters.
- 69 Suggested intership channel for recreational boaters.
- 70 Digital Selective Calling (DSC). Many new VHF sets come equipped with DSC. The Global Maritime Distress and Safety System (GMDSS), designed to provide an automatic means of transmitting and receiving distress alerts, uses DSC via VHF marine radio. It is illegal to use this channel for intership communication.
- 71 Comox Traffic and Prince Rupert Traffic
- 72 Suggested intership channel for recreational boaters.
- 73 Suggested intership channel for recreational boaters.
- 74 Tofino Traffic, Victoria Traffic, Main Arm, Fraser River Traffic
- 83A Coast Guard Working Channel

CH. U.S. USAGE

- 06 Intership safety. For ship-to-ship safety communications, including Search and Rescue communication with Coast Guard vessels and aircraft.
- 09 Intership and shore to shore. Both commercial and non-commercial vessels use this channel.
- 13 Vessels to vessel bridge. Another safety channel. Messages must be about ship navigation (passing or meeting other ships). This channel may also be used to contact locks and bridges.
- 14 Vessel traffic system (Southern Puget Sound area).
- 16 International distress and calling. Make sure no distress traffic in progress before calling this channel.
- 22A Coast Guard Liaison. The U.S. Coast Guard does not always maintain a listening watch on this channel. For emergency assistance, call 16
- 66A Port Operations. Channel for calling up marinas. Most marinas now monitor this channel.
- 67 Intership only for all vessels. A recreational vessel working Channel
- 68/69 Intership and ship to shore for pleasure vessels only. Frequently used recreational vessel working channels.
- 70 Digital Selective Calling only.
- 72 Intership for all vessels (Southern Puget Sound area). Another recreational vessel working channel.
- 78A Intership and ship to shore for pleasure vessels only. Marinas may monitor this as a secondary working channel. Some marinas still monitor 68 and 73, but are being encouraged to change to 66A.

EMERGENCY CONTACTS

CANADIAN COAST GUARD EMERGENCY NUMBERS

Search and Rescue	VHF Ch. 16
Phone	(800) 567-5111
Cellular Phones only	*311
Coast Guard District Office: Victoria	(250) 480-2600

EMERGENCY CONTACTS IN WASHINGTON

U.S. Coast Guard Emergency Numbers	VHF Ch. 16 or call 911 (206) 220-7001 (206) 217-6000
U.S. Coast Guard District Office: Seattle	(206) 220-7000

PARALYTIC SHELLFISH POISONING (PSP) INFO

Washington State Paralytic Shellfish Poisoning closures	(800) 562-5632
B.C. Paralytic Shellfish Poison closures	(604) 666-2828