





# SHORT RANGE CERTIFICATE MARINE BABIS K



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### **VHF RADIO**

**VHF: VERY HIGH FREQUENCY** 

**MARINE PURPOSES: 156.0 - 162.025 MHz** 

CALLED BY THE ITU: VHF MARITIME MOBILE BAND

TRANSMITTER

MARINE VHF: + RECEIVER

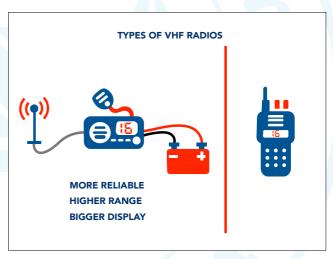
+ CHANNELS

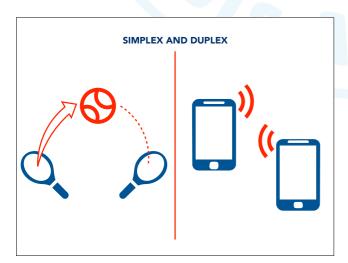
TRANSMISSION POWER: 1 - 25 WATTS

**MAXIMUM RANGE: 60 NM** 







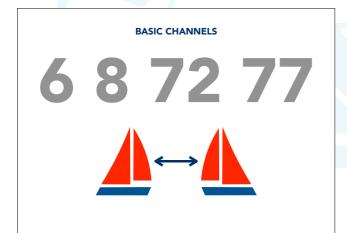


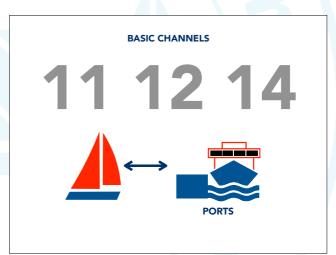


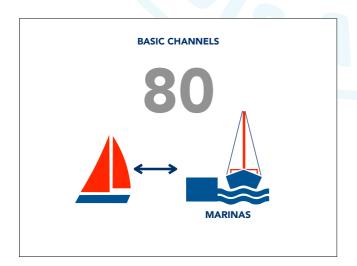


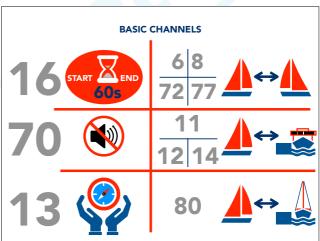




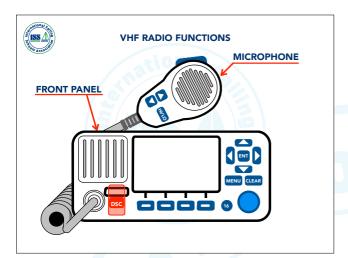


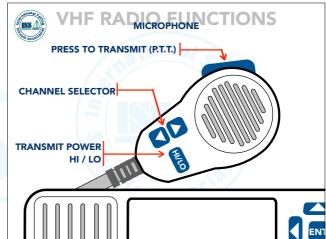


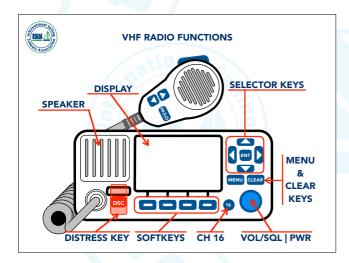


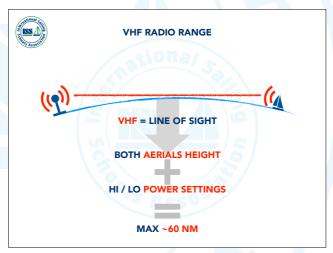


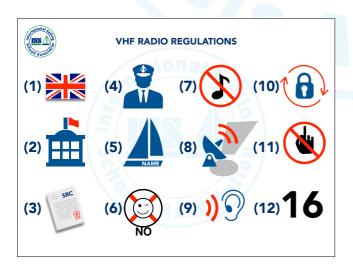




















RADIO PROCEDURE WORDS



NO REPLY REQUIRED

RECEIVED CONFIRMATION OF RECEIVING

RADIO PROCEDURE WORDS

SAY AGAIN REPEAT YOUR YOUR I SAY AGAIN MY X

SPELL SPELL USING PHONETIC ALPHABET

**RADIO PROCEDURE WORDS** 

CORRECTION I MADE A MISTAKE + REPEAT AGAIN

CORRECT CONFIRMATION THAT REPEATED RIGHT

WRONG INFORMATION THAT REPEATED WRONG



**RADIO PROCEDURE WORDS** 

ALL AFTER REPEAT AGAIN ALL AFTER THIS PHRASE

ALL BEFORE REPEAT AGAIN ALL BEFORE THIS PHRASE

RADIO CHECK DO YOU HEAR ME?

**RADIO PROCEDURE WORDS** 

READ BACK YES I HEAR YOU

STATION CALLING
WHEN YOU ARE UNSURE OF THE NAME AND ID

THIS IS ALWAYS
BEFORE YOUR STATION NAME



### **MAYDAY**

**USED ONLY FOR** 

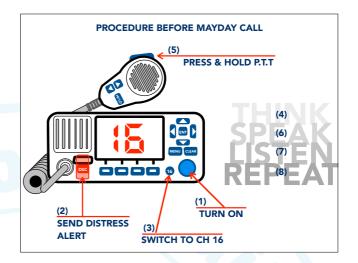
**DISTRESS & EMERGENCY** 

**PURPOSES** 

**CREW IN** 

**GRAVE & IMMINENT** 

**DANGER** 



### **MAYDAY CALL**

MAYDAY CALL MAYDAY, MAYDAY, MAYDAY
THIS IS NAME x3

**MAYDAY NAME** 

MY POSITION IS 38°50.5′ N & 001°25,3′ E

**NATURE OF DISTRESS** 

MAYDAY

IMMEDIATE ASSISTANCE REQUIRED WE HAVE # OF PEOPLE ON BOARD ANY OTHER USEFUL INFORMATION

**OVER** 

### **MAYDAY CALL**

MAYDAY CALL MAYDAY, MAYDAY, MAYDAY
THIS IS VENUS, VENUS, VENUS

**MAYDAY VENUS** 

MY POSITION IS 38°50.5′ N & 001°25,3′ E

**FIRE ON BOARD** 

MAYDAY

IMMEDIATE ASSISTANCE REQUIRED
WE HAVE 10 PEOPLE ON BOARD

OUR EXTINGUISHERS ARE NOT WORKING

**OVER** 

### **ANY CALL BASIC RULES**

PROCEDURE WORD x3
THIS IS NAME x3

POSITION MESSAGE

### **REPLY TO MAYDAY CALL**

**MAYDAY** 

VENUS, VENUS, VENUS
THIS IS COAST GUARD,
COAST GUARD,

**COAST GUARD** 

RECEIVED MAYDAY

**OVER** 



### **MAYDAY RELAY**

VESSEL CANNOT SEND A DISTRESS MESSAGE ITSELF
THE MESSAGE IS NOT HEARD

YOU ARE TO FAR TO PROVIDE ASSISTANCE

IF NO STATION
ANSWERS
MAYDAY CALL







### **MAYDAY RELAY**

RECORD THE CALL AND TIME IN VESSEL'S LOG

KEEP WATCH ON CH 16 FOR A COAST STATION TO ACKNOWLADGE

IF NO STATION
ANSWERS
MAYDAY CALL







### **MAYDAY RELAY**

MAYDAY RELAY, MAYDAY RELAY THIS IS GIZMO, GIZMO, GIZMO

WE RECEIVED A DISTRESS CALL FROM A VESSEL BY NAME OF VENUS AT 12:30

**VENUS IN POSITION 38° 50.5′ N & 001° 25,3′ E** 

VENUS HAS FIRE ON BOARD

10 PEOPLE ON BOARD

THEIR EXTINGUISHERS ARE NOT WORKING

**REQUIRE IMMEDIATE ASSISTANCE** 

**OVER** 

### **MAYDAY RELAY**

MAYDAY RELAY, MAYDAY RELAY, MAYDAY RELAY
THIS IS GIZMO, GIZMO, GIZMO

IN POSITION 38°49.5′ N & 001°26,5′ E

RED ROCKET FLARE IS OBSERVED ON BEARING 320° FOR A DISTANCE OF ALMOST 2 NM FROM OUR POSITION

OVER



### **SEELONCE MAYDAY**

### **MAYDAY**

ALL STATIONS, ALL STATIONS

THIS IS COAST GUARD,

**COAST GUARD,** 

**COAST GUARD** 

**MAYDAY VENUS** 

**TIME 13:00 UTC** 

**SEELONCE MAYDAY** 

OUT



### **SEELONCE DISTRESS**

**USED BY** 



TO ANNOUNCE RADIO SILENCE

### **SEELONCE DISTRESS**

**MAYDAY** 

ALL STATIONS, ALL STATIONS

THIS IS GIZMO, GIZMO, GIZMO

**MAYDAY VENUS** 

**TIME 13:00 UTC** 

**SEELONCE DISTRESS** 

OUT

### **PRUDONCE**

**USED BY** 







TO ALLOW RESTRICTED WORKING TO RESUME ON THE CHANNEL

PRUDONCE = CAUTION (FR)

### **PRUDONCE**

### MAYDAY

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

THIS IS COAST GUARD,

**COAST GUARD,** 

**COAST GUARD** 

**MAYDAY VENUS** 

**TIME 14:30 UTC** 

**PRUDONCE** 

OUT

### **SEELONCE FEENEE**

**USED BY** 







TO END THE RADIO SILENCE

### **SEELONCE FEENEE**

### **MAYDAY**

**ALL STATIONS, ALL STATIONS** 

THIS IS COAST GUARD,

**COAST GUARD,** 

**COAST GUARD** 

**MAYDAY VENUS** 

**TIME 15:30 UTC** 

SEELONCE FEENEE

OUT



### **CANCELLING DISTRESS ALERT**

ALL STATIONS, ALL STATIONS
THIS IS VENUS, VENUS, VENUS
A DISTRESS MESSAGE SENT BY ERROR
CANCEL DISTRESS ALERT SENT AT TIME 12:30 UTC
OUT

### **PAN PAN**

**USED ONLY FOR** 

### **URGENCY**

PURPOSES

### **VESSEL HAS A PROBLEM**

**BUT NO** 

**GRAVE & IMMINENT** 

**DANGER YET** 

### **PAN PAN**

PAN PAN, PAN PAN, PAN PAN
ALL STATIONS, ALL STATIONS, ALL STATIONS
THIS IS VENUS, VENUS, VENUS
MY POSITION IS 38°50.5′ N & 001°25,3′ E
MY ENGINE IS BROKEN DOWN
URGENT ASSISTANCE REQUIRED
OVER

### **PAN PAN MEDICO**

USED ONLY FOR

### **URGENCY**

PURPOSES

PERSON ON BOARD HAS A
MEDICAL PROBLEM

BUT NO
GRAVE & IMMINENT
DANGER YET

### **PAN PAN MEDICO**

PAN PAN MEDICO,
PAN PAN MEDICO,
PAN PAN MEDICO
ALL STATIONS, ALL STATIONS, ALL STATIONS
THIS IS VENUS, VENUS, VENUS
MY POSITION IS 38° 50.5′ N & 001° 25,3′ E
ONE CREW MEMBER IS SEROUSLY INJURED
MEDICAL ASSISTANCE REQUIRED
OVER

### **SECURITE**

USED ONLY FOR

**SAFETY** 

PURPOSES

IMPORTANT INFORMATION CONCERNING SAFETY





### **SECURITE**

**SECURITE, SECURITE, SECURITE** 

ALL STATIONS, ALL STATIONS, ALL STATIONS THIS IS COAST GUARD,

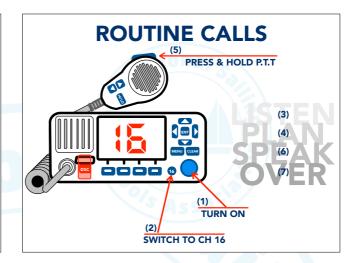
**COAST GUARD,** 

**COAST GUARD** 

IMPORTANT WEATHER UPDATES.

**LISTEN ON CHANNEL 14** 

OUT



### **RECEIVING CALL FROM UNKNOWN STATION**

IF YOU WERE UNABLE TO HEAR THE NAME OF THE STATION THAT WAS CALLING YOU:

STATION CALLING VENUS, STATION CALLING VENUS, THIS IS VENUS SAY AGAIN OVER

### **TYPES OF CALLS**

- 1. MAYDAY DISTRES+EMERGENCY
- 2. MAYDAY RELAY
- 3. SEELONCE MAYDAY
- 4. SEELONCE DISTRESS
- 5. PROUDONCE
- 6. SEELONCE FEENEE
- 7. PAN PAN URGENCY
- 8. PAN PAN MEDICO URGENCY
- 9. SECURITE SAFETY
- **10. ROUTINE CALLS**



### **GMDSS**

### **GMDSS COMPONENTS**

**DSC** - DISTRESS SELECTIVE CALLING

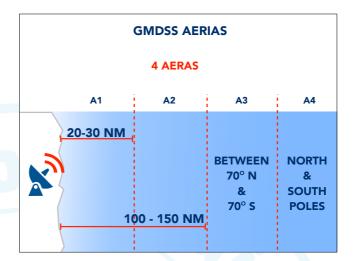
**EPIRB** - EMERGENCY POSITION-INDICATING RADIO BEACON

**SART** - SEARCH AND RESCUE TRANSPONDER

**NAVTEX** - AUTOMATED MSI DISTRIBUTION

INMARSAT - LONG RANGE DATA BROADCAST

HF RADIO WITH DSC - LONG RANGE RADIO









DISTRESS + URGENCY + SAFETY + CALLING
ONLY TO ESTABLISH CONTACT

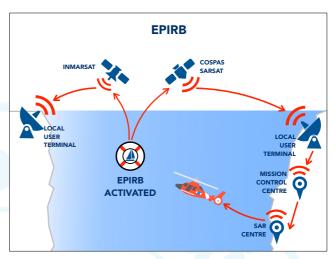
(1) ALL STATIONS

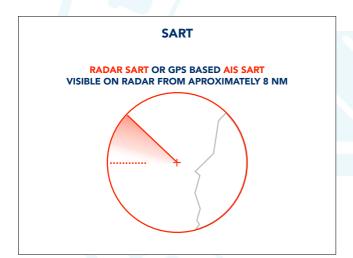
(2) GROUP STATIONS

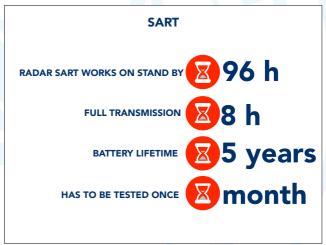
(3) INDIVIDUAL STATIONS









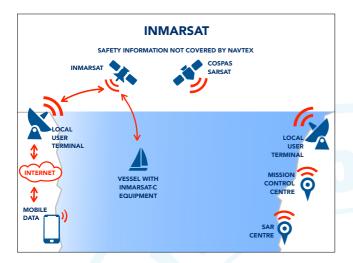


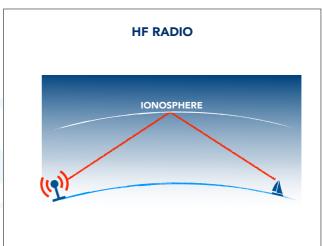
## AUTOMATED SYSTEM FOR INSTANTLY DISTRIBUTING MS MARITIME SAFETY INFORMATION NVIGATIONAL WARNINGS WEATHER FORECASTS WEATHER WARNINGS SAR NOTICES 518 kHz for 490 kHz for local language

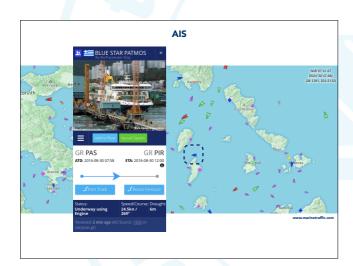












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### ISSA.global Wherever You Sail