Covered in this chapter:
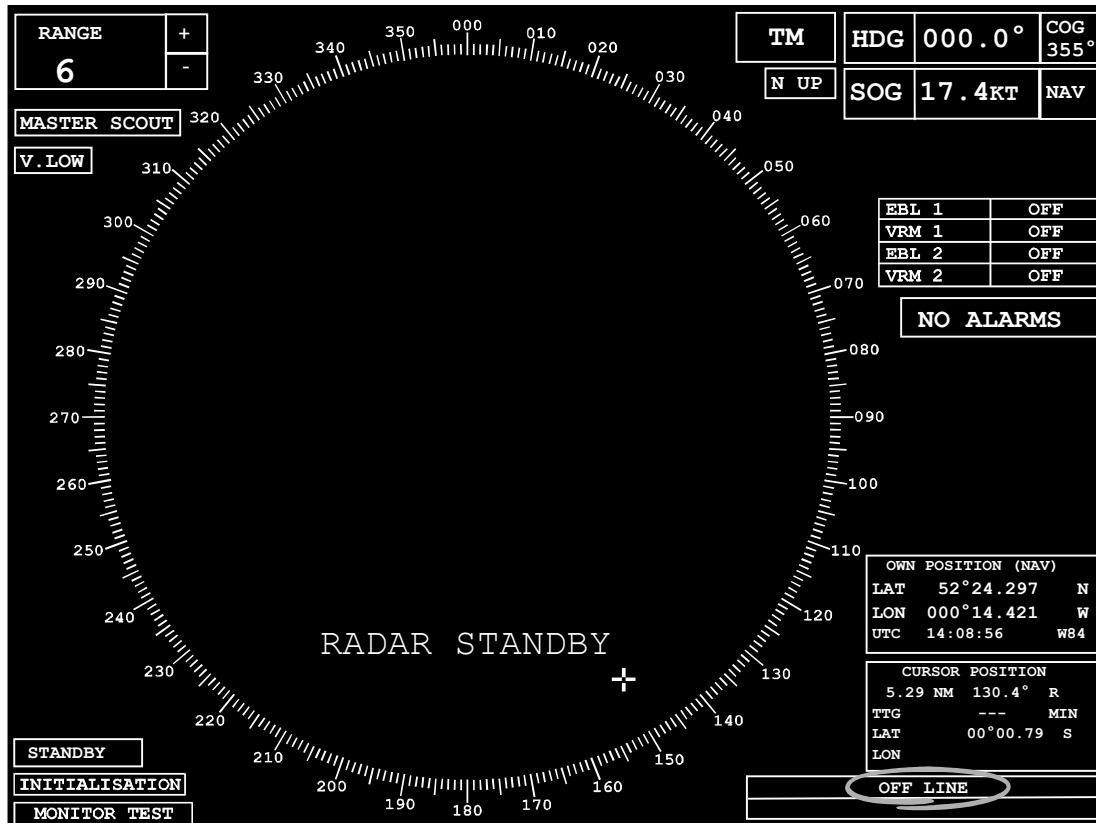
- Drop down menus and keypads.
- Memory cards and their function.
- Help line warning prompts and their interpretation.
- List of warning prompts.

Introduction

This chapter gives more detailed information on topics such as drop down menus and keypads, and memory card functions, which are encountered at various points throughout the manual. You don't need to spend too much time initially becoming familiar with these topics, as you will be referred to this chapter when necessary. An alphabetical list of warning prompts is also included.
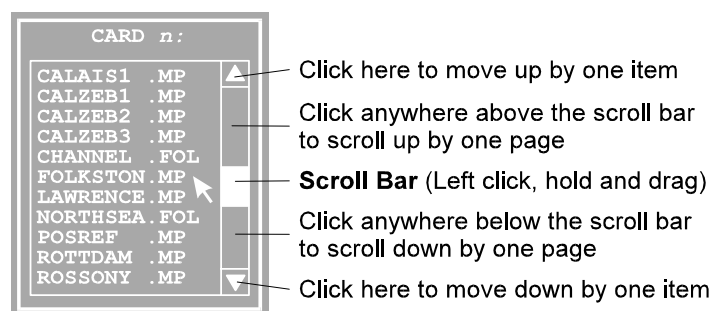
Soft Keys and Fixed Menus

These topics are covered in Chapter 2.

Drop Down Menus

A drop down menu is usually displayed in the vicinity of the screen cursor when the selection is made. Once a menu is displayed, the cursor is restricted to the area within the menu and selections are made with a left click. A right click <u>will close the menu without taking further action</u> (i.e. Cancel).

In some instances a drop down menu may contain a list of filenames or other data. If the list is too long to be displayed within the menu area, a scroll bar is displayed at the right hand side of the menu, see below.
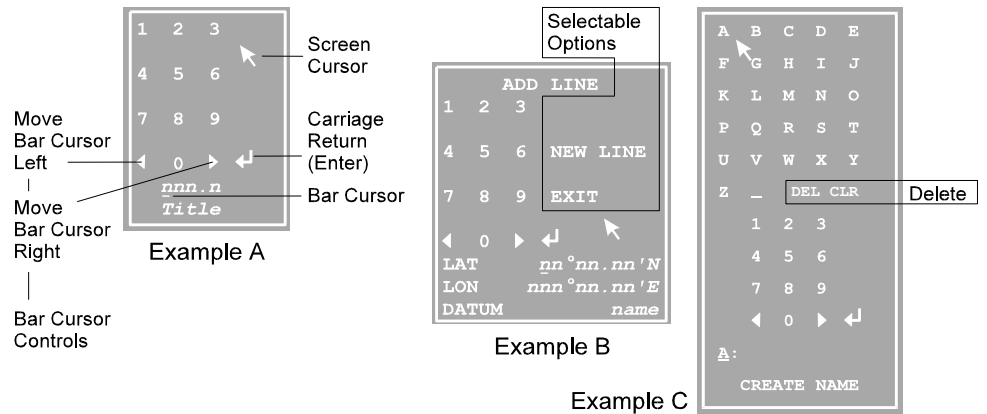
Selecting an Item from a Scrolled List

1. Items in the list are highlighted as the cursor passes over them. Use the cursor to highlight the item required.
2. Left click to select (the menu is closed automatically), or right click to close the menu without making a selection.

Drop Down Keypads

Where the input of a variable parameter or filename is required, a right click will reveal a drop down numeric or alpha-numeric keypad, see examples below. All keypads have a similar format and are used in the same way.

Example A

Example B

Example C

Numeric Keypads

Examples A and B above are of typical numeric keypads. The parameter(s) to be entered are shown in italics (*n*'s). When the keypad is initially displayed, a small bar cursor is positioned under the first (left hand) digit in the parameter. This cursor indicates where the next digit entered will be placed.

Entering a Parameter Value

1. Position the screen cursor over the first digit required (from 0 to 9).
2. Left click to select.
   The digit will appear in the appropriate position and the bar cursor will move right by one position.
3. Repeat steps 1 and 2 until all digits of the parameter have been entered.
   Where the parameter is a latitude or longitude (qualified by a letter N or S, E or W) a left click on the displayed letter will toggle it to the alternative.
4. Position the screen cursor over the carriage return symbol.
5. Left click to enter the parameter.

If an entered value is outside the acceptable limits for the selected parameter, the keypad will remain open for a new input.

Correcting a Wrong Selection

If an incorrect digit is entered,

1. Left click on the left or right bar-cursor control symbols (left and right facing arrowheads) to position the bar cursor under the digit to be changed.
2. Position the screen cursor over the correct digit (from 0 to 9).
3. Left click to select.

Entering a Negative Value

Where a particular parameter can be a positive or negative value, a +/- symbol will be included in the keypad.

1. Position the screen cursor over the +/- symbol.
2. Left click to toggle between +(positive) or -(negative). A negative selection is indicated by a negative sign (-) in front of the parameter. A positive selection is indicated by the absence of the negative sign.

Closing the Keypad

When a keypad is displayed, a right click will close the keypad without taking further action leaving the old value. For most numeric keypads, a left click on the carriage return symbol will enter the parameter and close the keypad. However, where multiple entries can be made, like defining lines or symbols on a map, the keypad is held open. In such cases an EXIT caption is included in the keypad. To close this type of keypad either right click as explained earlier, or left click on the EXIT caption.

Memory Cards

Your radar system may be fitted with a memory card reader and two memory cards identified as CARD A and CARD B. see Chapter 2. Each card is fitted with a back-up battery for maintaining data when the primary power source is switched-OFF. *(**IMPORTANT** - See Ship's Manual, Chapter 7 'Routine Maintenance', for details of memory card battery maintenance).*

When required, data can be moved between memory cards using the memory card menu. For certain functions, data can be loaded from a memory card into the system. Files are saved with a date and time stamp which is updated each time the file is written to. However, it should be noted that the date stamp will only be valid if a date message is being received from a nav sensor, or if the operator has correctly entered the date (under NAV soft key).

Filenames and Alpha-numeric Keypads

The method used for entering a filename is much the same as that described earlier for entering a parameter value, except that in this case a mixture of letters and numbers can be entered. See **Drop Down Keypads** earlier in the chapter.

Example C, given earlier, shows a typical alpha-numeric keypad for the input of a filename and an indication of where the file is to be saved.
At the bottom of the keypad is the line **A:** (immediately above the CREATE NAME caption) with a small bar cursor under the first (left hand) character position. This character, immediately before the colon, is for identification of the memory card (A or B) on which the file is to be saved.

The space to the right of the colon is for the input of an 8-character filename under which the file will be saved. The filename can consist of a mixture of alpha numeric characters. The file extension is pre-determined and cannot be changed.

The DEL caption in the menu (treated like any other alpha/numeric) is used for deleting single characters.

Memory Card Functions
In the chapters of the User Guide, specific memory functions are explained as they arise within the chapter. However, a general summary of the basic SAVE, DELETE and LOAD functions is given on the following pages.

See also **Memory Card Facilities** in Chapter 14.

SAVE

SAVE

The SAVE soft key, when encountered, allows the user to save a file to a memory card.

During and after the save operation, one or more of the following self-explanatory prompts may be displayed.

```
Save completed
```

```
Card not present
```

```
Card write protected
```

```
Card full
```

DELETE

DELETE

A DELETE soft key selects a drop down menu containing a list of filenames. See Drop Down Menus earlier in the chapter.

A left click on the DELETE soft key will reveal a YES/NO dialog box. A left click on YES will delete the highlighted file unless one of the warning prompts shown below is displayed.

```
Card not present
```

```
Card write protected
```

ERROR
If an invalid, uninitialised card or the memory card is faulty one of the following warning prompts will be displayed.

```
                          Card error
```

```
                     Card not formatted
```

To remove this problem the card must be re-initialised.

If a file on a card has an error when accessed one of the following warning prompts will be displayed.

```
                      Bad file format
```

```
                     Invalid file name
```

```
                    File checksum error
```
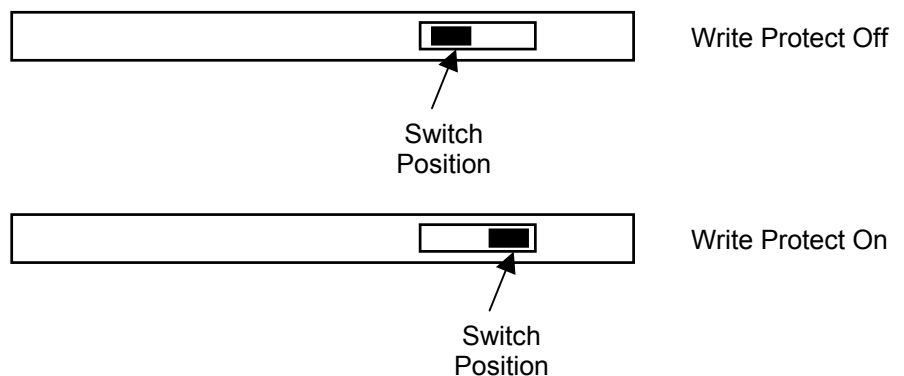
In these cases it will be necessary to delete the file being accessed.

Write Protect Switch
The following diagrams show the position of the write protect switch on the edge of the memory card.

Write Protect Off

Switch
Position

Write Protect On

Switch
Position

To switch between the modes simply move the slider from one position to the other.

Help Line Warning Prompts

A help area consisting of two lines of yellow text is given in the bottom right hand corner of the display.

```
┌────────────────────────────────────────────┐
│  This line is used for PERMANENT PROMPTS    │
├────────────────────────────────────────────┤
│  This line is used for TEMPORARY PROMPTS    │
└────────────────────────────────────────────┘
```

This area is used to provide prompt information when, for instance, the user is trying to make a selection which conflicts with the existing set up. The prompts are by nature brief but are generally self explanatory. Permanent prompts, when they exist, are displayed on the upper of the two lines. Temporary prompts are displayed on the lower line.

A selection of prompts encountered in the User Guide are assembled here to form a quick reference section. The chapter in which each prompt arises is also identified.

Selected List of Warning Prompts

```
┌────────────────────────────────────────────┐
│       All marks are now allocated           │
└────────────────────────────────────────────┘
```
The maximum number marks (20) have already been defined. (Chapter 12)

```
┌────────────────────────────────────────────┐
│            Target display off               │
└────────────────────────────────────────────┘
```
The Target autotrack synthetics are turned OFF. (Chapter 2)

```
┌────────────────────────────────────────────┐
│               Card full                     │
└────────────────────────────────────────────┘
```
The memory card you've selected is full. (Chapter 15)

```
┌────────────────────────────────────────────┐
│           Card not present                  │
└────────────────────────────────────────────┘
```
The memory card you've selected is not there. (Chapter 15)

```
┌────────────────────────────────────────────┐
│          Card write protected               │
└────────────────────────────────────────────┘
```
The memory card you've selected is write protected. (Chapter 15)

```
┌────────────────────────────────────────────┐
│        Compass error - H UP only            │
└────────────────────────────────────────────┘
```
You can't select a stabilised presentation mode because there is a compass alarm. (Chapter 5)

You can't select a true motion mode because there is a compass alarm. (Chapter 5)

```
Compass error - REL motion only
```

You can't plot a target because the compass heading is invalid. (Chapter 7)

```
Compass heading not valid
```

You're trying to cancel a target which is selected as the echo reference. (Chapter 7)

```
Cannot cancel echo ref target
```

EBL2 origin exceeds own ship's origin by five screen radii. (Chapter 6)

```
EBL 2 and VRM 2 re-centred
```

The Folio you've selected is full. (Chapter 10)

```
Folio is full
```

There isn't enough space left on the card you've selected to save your file. (Chapter 15)

```
Insufficient room on card
```

Own Ship's lat/long is outside permitted limits for the display of routes. (Chapter 3)

```
Invalid latitude
```

The selected range is too low for Enhanced Video mode operation. (Chapter 3)

```
Invalid range for enhanced mode
```

The range scale selected is too low for display of Index Lines. They will be restored when a higher range is selected. (Chapter 11)
Tracks cannot be replaced if an invalid range is selected. (Chapter 9)

```
Invalid range for index lines
```

```
Invalid range for replay
```

The selected range scale is too low for Relative Motion – True Trails (RM(T)) mode. (Chapter 5)

```
Invalid range for RM(T)
```

The selected range scale is either too low or too high for True Motion (TM) mode. (Chapter 5)

```
Invalid range for TM
```

```
┌──────────────────────────────────┐
│        Invalid target range       │
└──────────────────────────────────┘
```

The selected range scale is either too low or too high for target tracking. (Chapter 7)

```
┌──────────────────────────────────┐
│   Lat/lon is outside valid limits │
└──────────────────────────────────┘
```

The lat/lon you've entered is outside valid limits. (Chapter 10)

```
┌──────────────────────────────────┐
│         No line defined           │
└──────────────────────────────────┘
```

The line you're trying to delete is already undefined. (Chapter 11)

```
┌──────────────────────────────────┐
│     Map has not been selected     │
└──────────────────────────────────┘
```

You must first select the map you wish to edit. (Chapter 10)

```
┌──────────────────────────────────┐
│         Master in standby         │
└──────────────────────────────────┘
```

You can't set a slave radar to 'Transmit' while the master radar is in 'Standby' mode. (Chapter 2)

```
┌──────────────────────────────────┐
│   Speed too high for radius of turn │
└──────────────────────────────────┘
```

The vessel has reached the maximum rate-of-turn for the defined 'Radius Turn'. (Chapter 12)

```
┌──────────────────────────────────┐
│     All guard lines are defined   │
└──────────────────────────────────┘
```

The maximum number of guard lines (20 has already been defined. (Chapter 10)

```
┌──────────────────────────────────┐
│          No target found          │
└──────────────────────────────────┘
```

The target you've selected to be the echo reference can't be found. (Chapter 9)

```
┌──────────────────────────────────┐
│            Off line               │
└──────────────────────────────────┘
```

The radar is in 'Standby' mode (ie Off-Line and not transmitting). (Chapter 2)

```
┌──────────────────────────────────┐
│  Own ship lat/lon not available   │
└──────────────────────────────────┘
```

The display you've selected can't be switched on because there is a nav position alarm (own ship's lat/lon not available). (Chapter 10)

```
┌──────────────────────────────────┐
│      Past position T/R 2 min      │
└──────────────────────────────────┘
```

The selected time interval for the display of past positions is as indicated, eg 2 minutes in the example right. (Chapter 4)

```
┌──────────────────────────────────┐
│   Cannot record while playing     │
└──────────────────────────────────┘
```

A track history file cannot be recorded if one is presently being played. (Chapter 9)

A track history file cannot be played if one is presently being recorded. (Chapter 9)

```
Cannot play while recording
```

The 'Save' operation you initiated has been successfully completed. (Chapter 2)

```
Save completed
```

You can't switch the routes display-ON in an unstabilised mode. Select a stabilised mode if you wish to proceed. (Chapter 9)

```
Select stabilised mode
```

The selected range scale is inappropriate for the display routes. (Chapter 9)

```
Select a valid range
```

The target you're trying to cancel can't be found. (Chapter 7)

```
Target not found
```

The compass must be aligned before you can enter a stabilised presentation mode. (Chapter 5)

```
Must align compass first
```

You've reached the maximum range scale available. You can't select a high range. (Chapter 3)

```
You have reached the max range
```

You've reached the minimum range scale available You can't select a lower range. (Chapter 3)

```
You have reached the min range
```

Intentionally Blank