

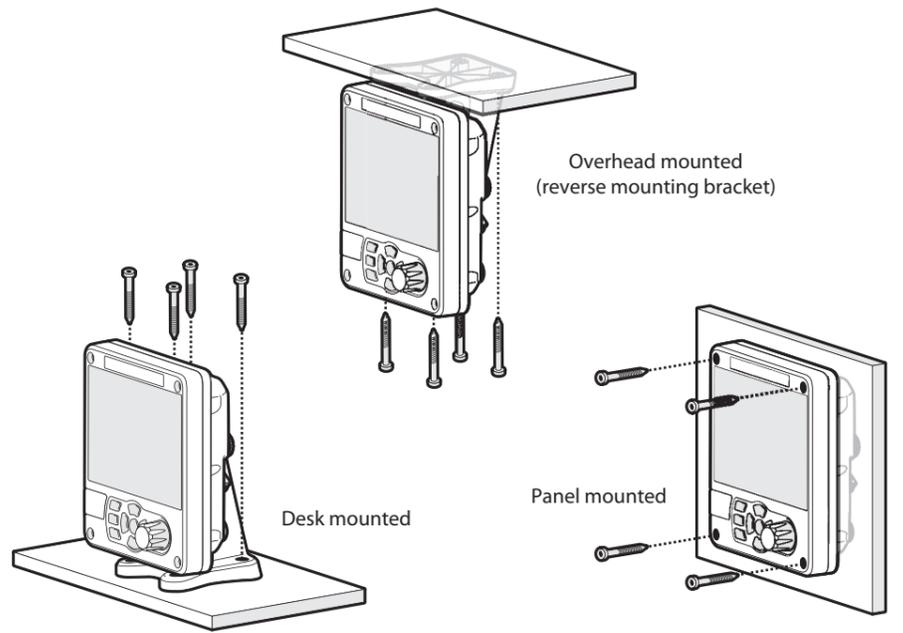
# Class B AIS Transceiver

## QUICK START GUIDE

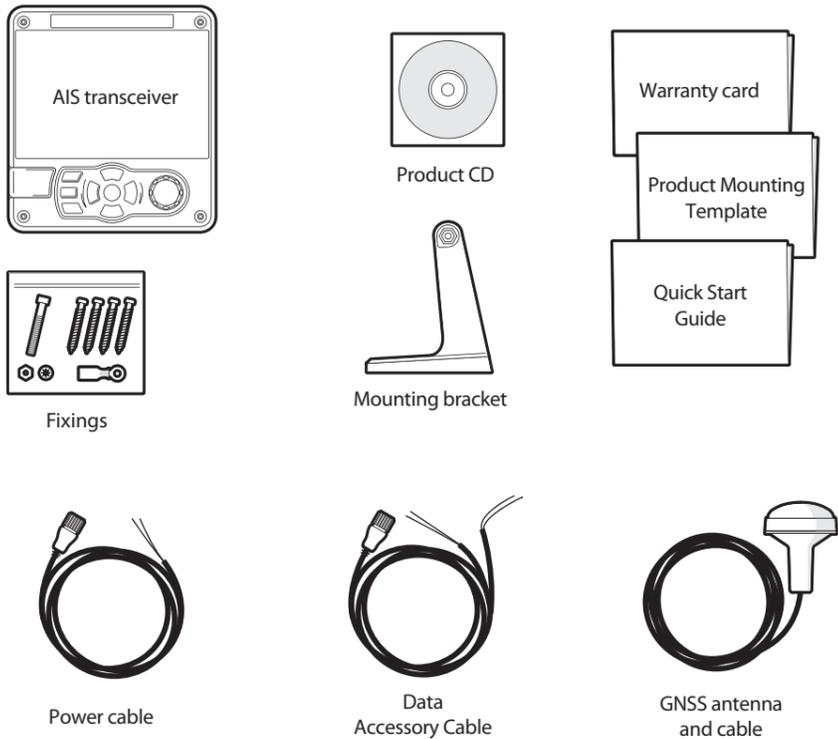


For full instructions on how to install and use your AIS Transceiver please refer to the product manual.

### Step 1 – Install the Transceiver



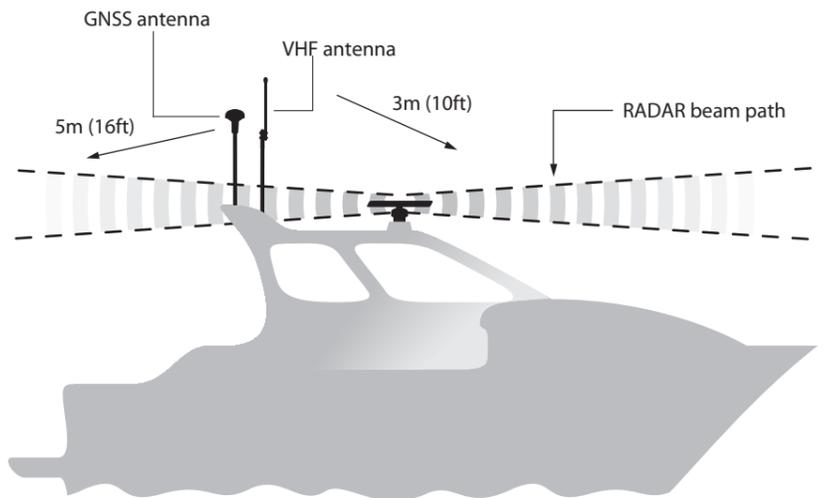
### What's in the box?



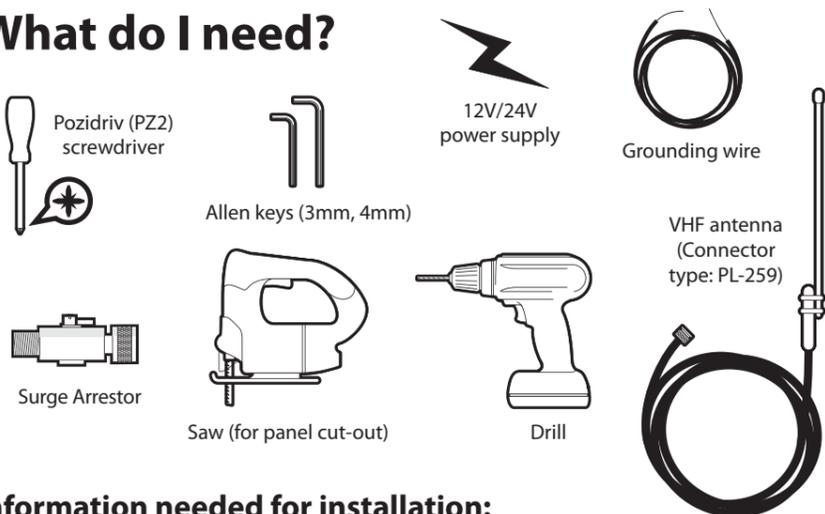
### Step 2 – Install the Antennas

GNSS antenna should be at least 5m (16ft) from RADAR or satellite communication antennas. It should also be away from the RADAR beam path and mounted on a rigid surface.

VHF antenna should be at least 3m (10ft) from other transmitting radio, satellite and RADAR antennas.



### What do I need?



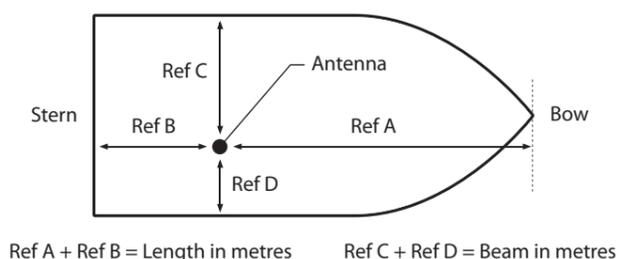
#### Information needed for installation:

MMSI number (9 digits): .....

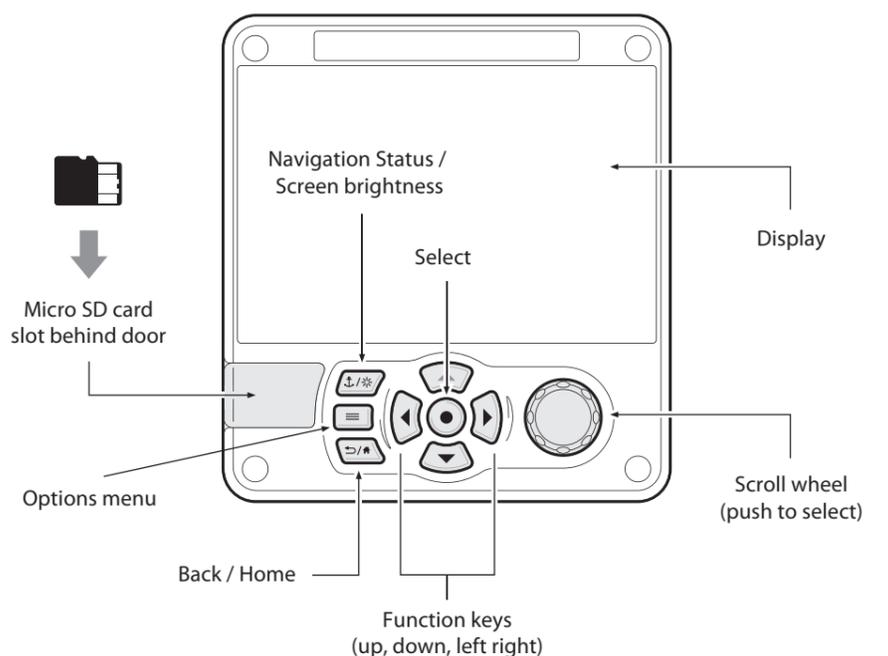
Vessel name: .....

Vessel callsign: .....

Vessel dimensions and GNSS antenna position:



### Front panel controls

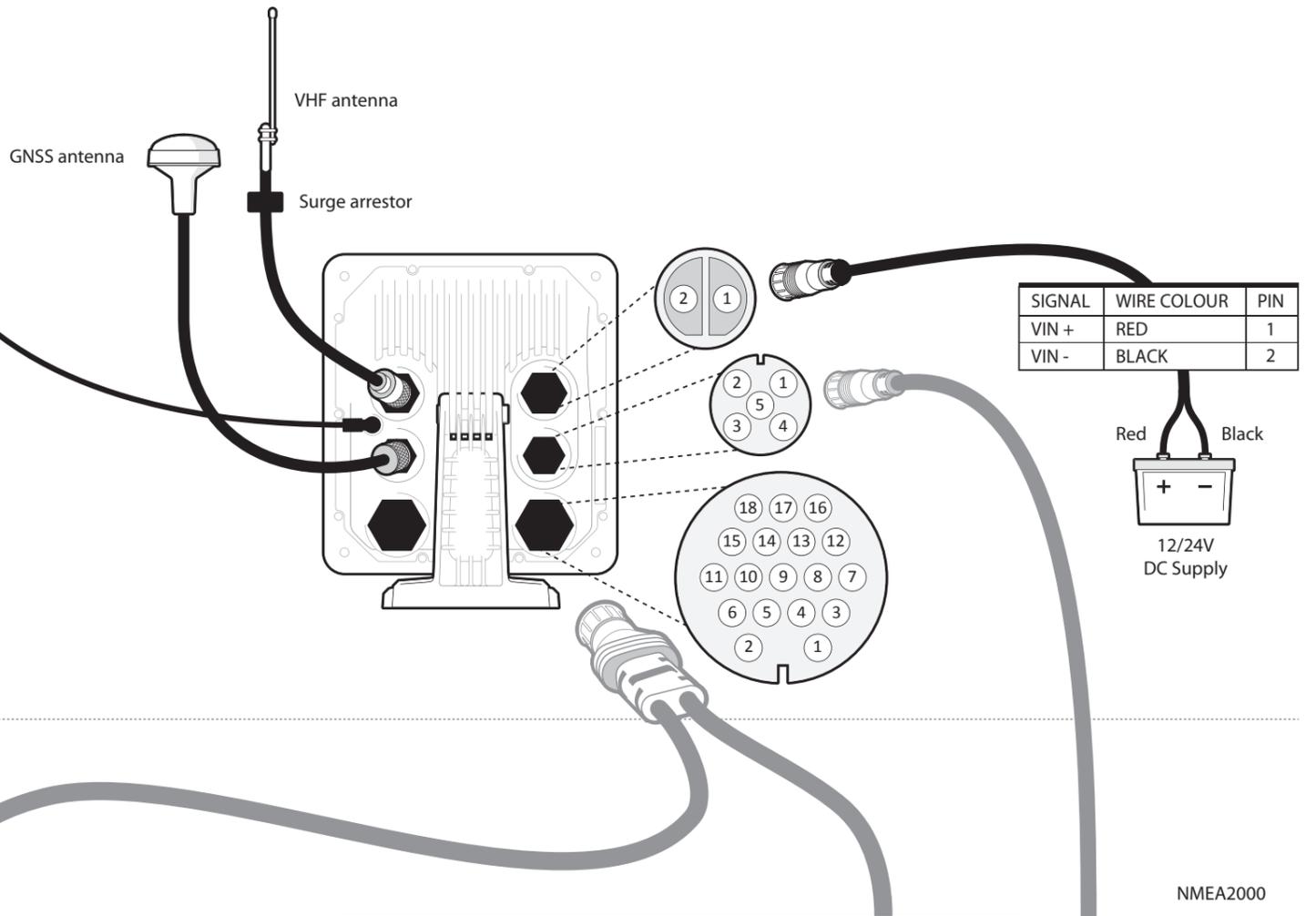


# Step 3 – Connecting the transceiver

**NOTE: Numbers and tables refer to connector pins on unit**



This product **must** be connected to protective earth via the earth connection point. It is essential that the earth connection point is used in **all** installations, regardless of what other equipment is connected. The earth connection point must be bonded to protective earth using as short a connection as possible.



SIGNAL	WIRE COLOUR	PIN
VIN +	RED	1
VIN -	BLACK	2



## Optional connections

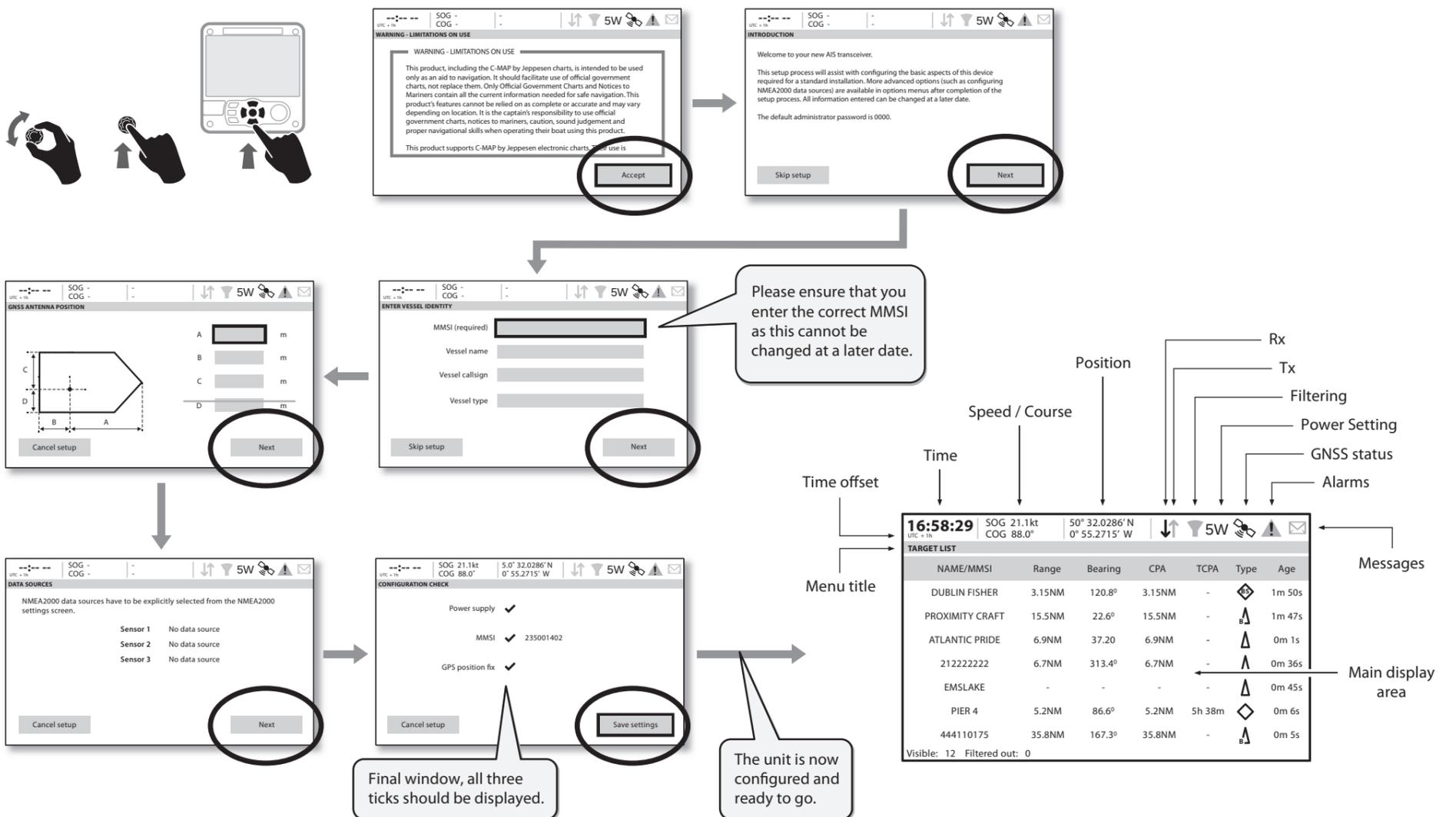
DESCRIPTION	PORT NAME IN MKD	WIRE COLOUR	PIN	FUNCTION
NMEA0183 PORT 1 COM	NMEA0183 PORT 1	BLACK	1	HIGH SPEED NMEA0183 OUTPUT (38,400 baud) INTENDED FOR CHART PLOTTERS
NMEA0183 PORT 1 Tx B	NMEA0183 PORT 1	BLUE/WHITE	3	
NMEA0183 PORT 1 Tx A	NMEA0183 PORT 1	WHITE/BLUE	4	

DESCRIPTION	PORT NAME IN MKD	WIRE COLOUR	PIN	FUNCTION
NMEA0183 PORT 2 Rx B	NMEA0183 PORT 2	RED/WHITE	6	CAN BE SET TO LOW SPEED (4,800 baud) INTENDED FOR CONNECTION TO OTHER NMEA0183 COMPATIBLE SENSORS FOR MULTIPLEXING OF DATA TO THE CHART PLOTTER
NMEA0183 PORT 2 Rx A	NMEA0183 PORT 2	ORANGE/WHITE	10	
NMEA0183 PORT 2 COM	NMEA0183 PORT 2	BLACK	11	

SIGNAL	PIN
N2K_NET_SHIELD	1
N2K_NET_S	2
N2K_NET_C	3
N2K_NET_H	4
N2K_NET_L	5

An optional junction box, USB cable and 14/18 way data cables are available to assist with wiring to sensors and displays

# Step 4 – Quick Start Sequence



**WARNING - LIMITATIONS ON USE**

This product, including the C-MAP by Jeppesen charts, is intended to be used only as an aid to navigation. It should facilitate use of official government charts, not replace them. Only Official Government Charts and Notices to Mariners contain all the current information needed for safe navigation. This product's features cannot be relied on as complete or accurate and may vary depending on location. It is the captain's responsibility to use official government charts, notices to mariners, caution, sound judgement and proper navigational skills when operating their boat using this product.

This product supports C-MAP by Jeppesen electronic charts. The use is

**Accept**

**INTRODUCTION**

Welcome to your new AIS transceiver.

This setup process will assist with configuring the basic aspects of this device required for a standard installation. More advanced options (such as configuring NMEA2000 data sources) are available in options menus after completion of the setup process. All information entered can be changed at a later date.

The default administrator password is 0000.

**Next**

**ENTER VESSEL IDENTITY**

MMSI (required)

Vessel name

Vessel call sign

Vessel type

**Next**

Please ensure that you enter the correct MMSI as this cannot be changed at a later date.

**GNSS ANTENNA POSITION**

A  m

B  m

C  m

D  m

**Next**

**DATA SOURCES**

NMEA2000 data sources have to be explicitly selected from the NMEA2000 settings screen.

Sensor 1 No data source

Sensor 2 No data source

Sensor 3 No data source

**Next**

**CONFIGURATION CHECK**

Power supply

MMSI  235001402

GPS position fix

**Save settings**

Final window, all three ticks should be displayed.

The unit is now configured and ready to go.

**16:58:29** SOG 21.1kt COG 88.0° 50° 32.0286' N 0° 55.2715' W

**TARGET LIST**

NAME/MMSI	Range	Bearing	CPA	TCPA	Type	Age
DUBLIN FISHER	3.15NM	120.8°	3.15NM	-	⚠	1m 50s
PROXIMITY CRAFT	15.5NM	22.6°	15.5NM	-	⚠	1m 47s
ATLANTIC PRIDE	6.9NM	37.20	6.9NM	-	⚠	0m 1s
212222222	6.7NM	313.4°	6.7NM	-	⚠	0m 36s
EMSLAKE	-	-	-	-	⚠	0m 45s
PIER 4	5.2NM	86.6°	5.2NM	5h 38m	⚠	0m 6s
444110175	35.8NM	167.3°	35.8NM	-	⚠	0m 5s

Visible: 12 Filtered out: 0

- Time
- Speed / Course
- Position
- Time offset
- Menu title
- Rx
- Tx
- Filtering
- Power Setting
- GNSS status
- Alarms
- Messages
- Main display area