XB Internal Photos - 2

vespermarine

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Version History

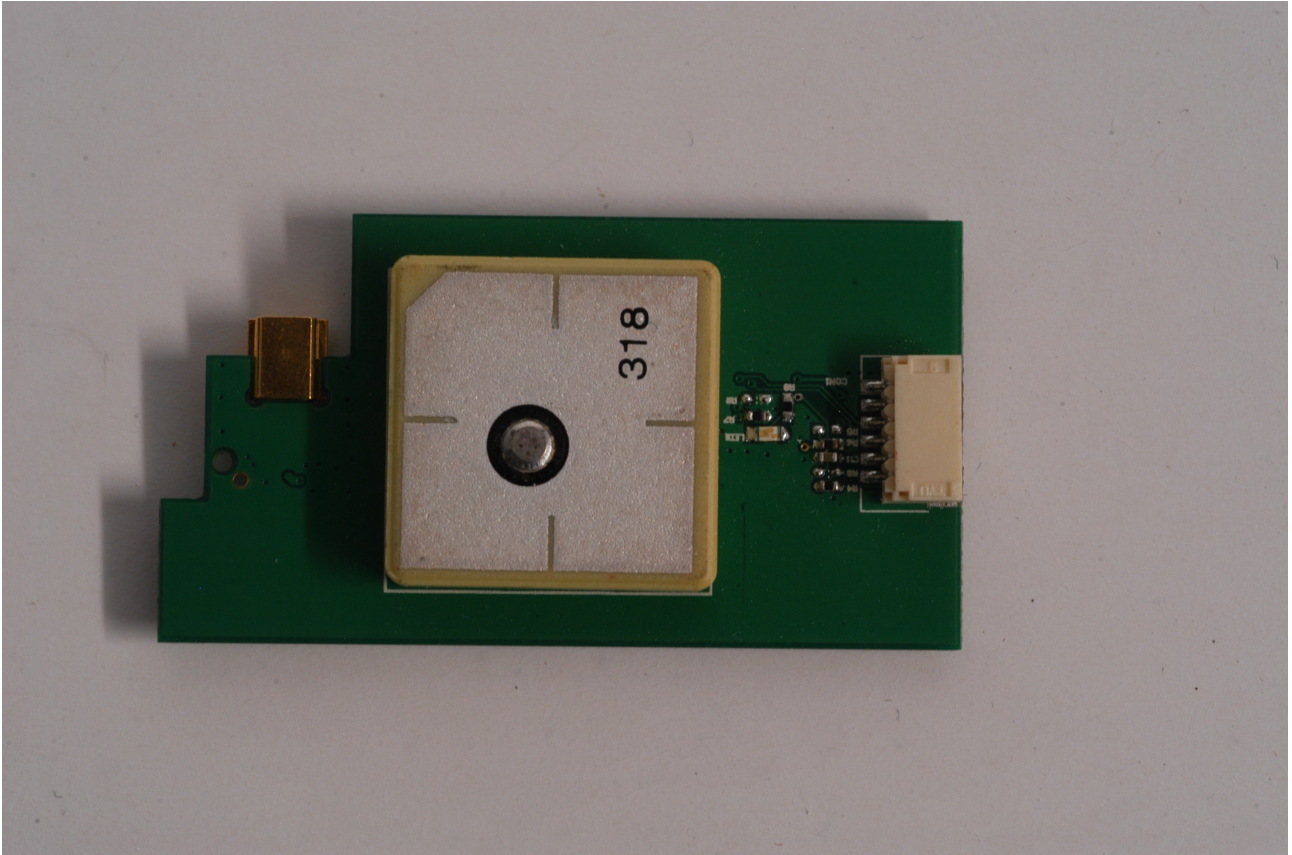| Version	Date	Comment	Author
1	09/07/12	First version	CBO
2	10/07/12	Higher Resolution Photos	CBO
3	10/09/12	Seperate Documents to accoomdate FCC size restrictions	CBO

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Product Identification

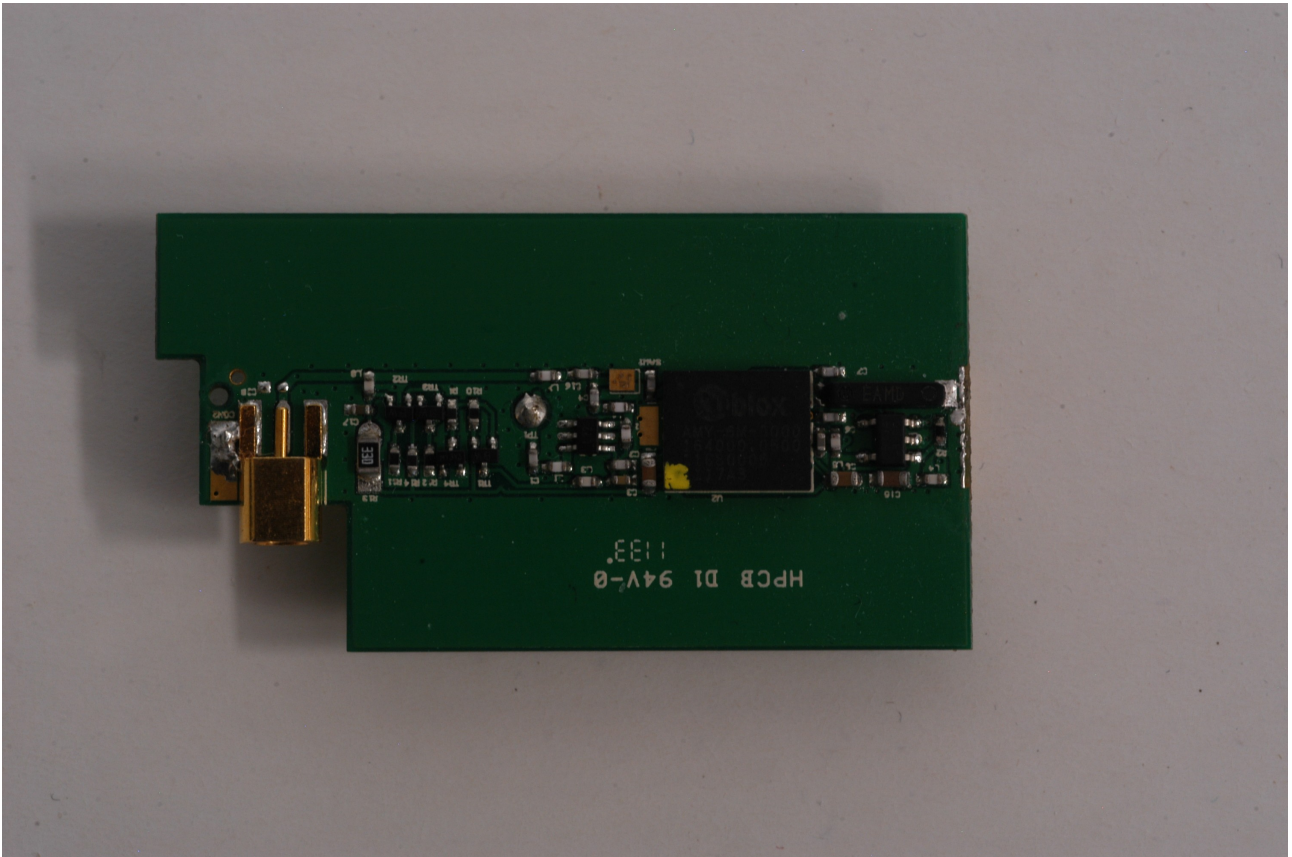|	
Product Family	XB Series
Manufacturer	Vesper Marine Ltd
Model Number s	**XB9000, XB8000, XB6000***
Power Supply	12-24V DC
VHF Frequency Range	161.500 – 162.025 MHz TX 156.025 – 162.025 MHz RX
Transmit Power	33dBm (2W)
Modulation Technique	FM GMSK
Channel Spacing	25kHz
Temperature Range	-25 - +55 deg C
Intended Users	General Public
Enclosure	Ipx7
Wireless connectivity	802.11 b/g (XB9000 and XB8000 only)

*XB-6000 is a deconfigured variant of the XB-8000 as it does not include the User Interface Processor board but is otherwise identical.
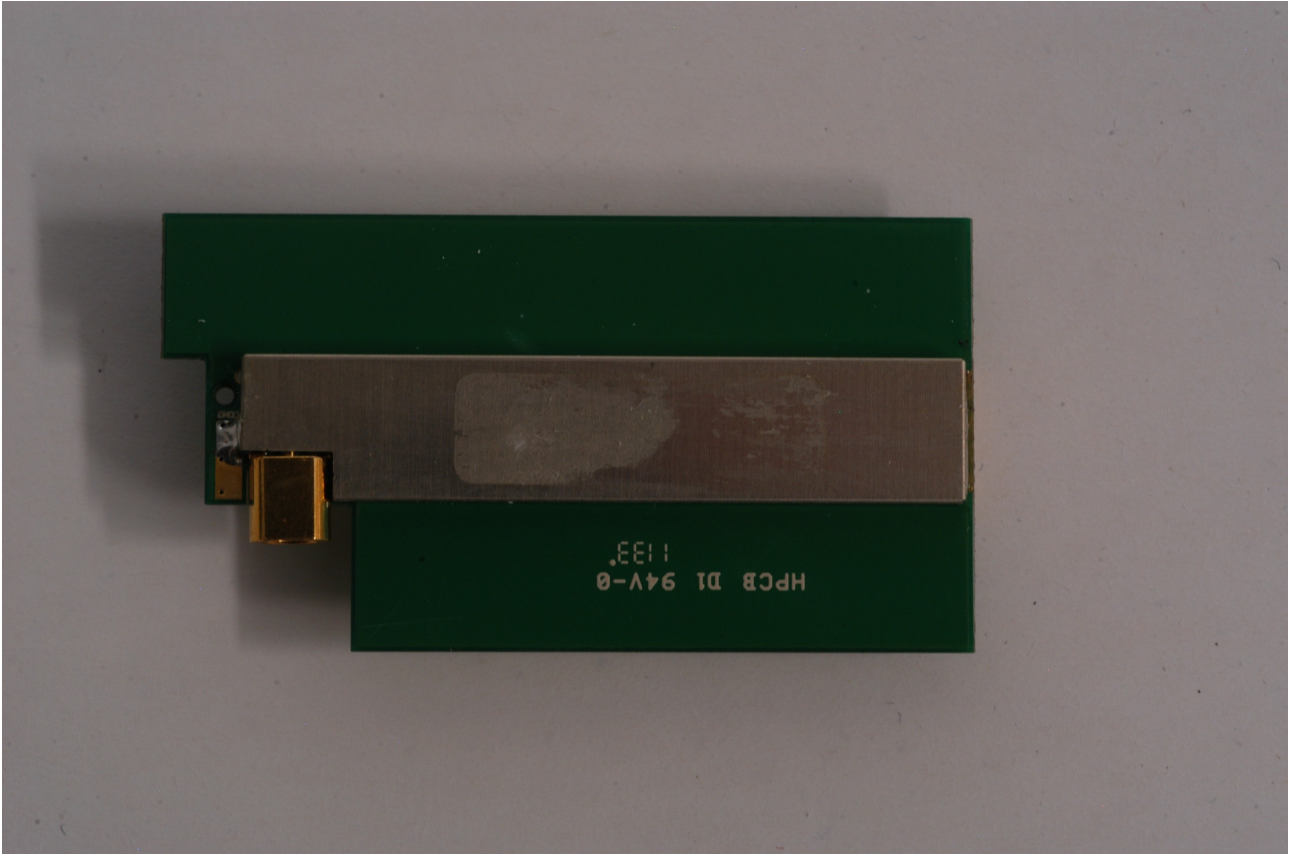
Internal Photos – Modules, PCB Assemblies

GPS Module

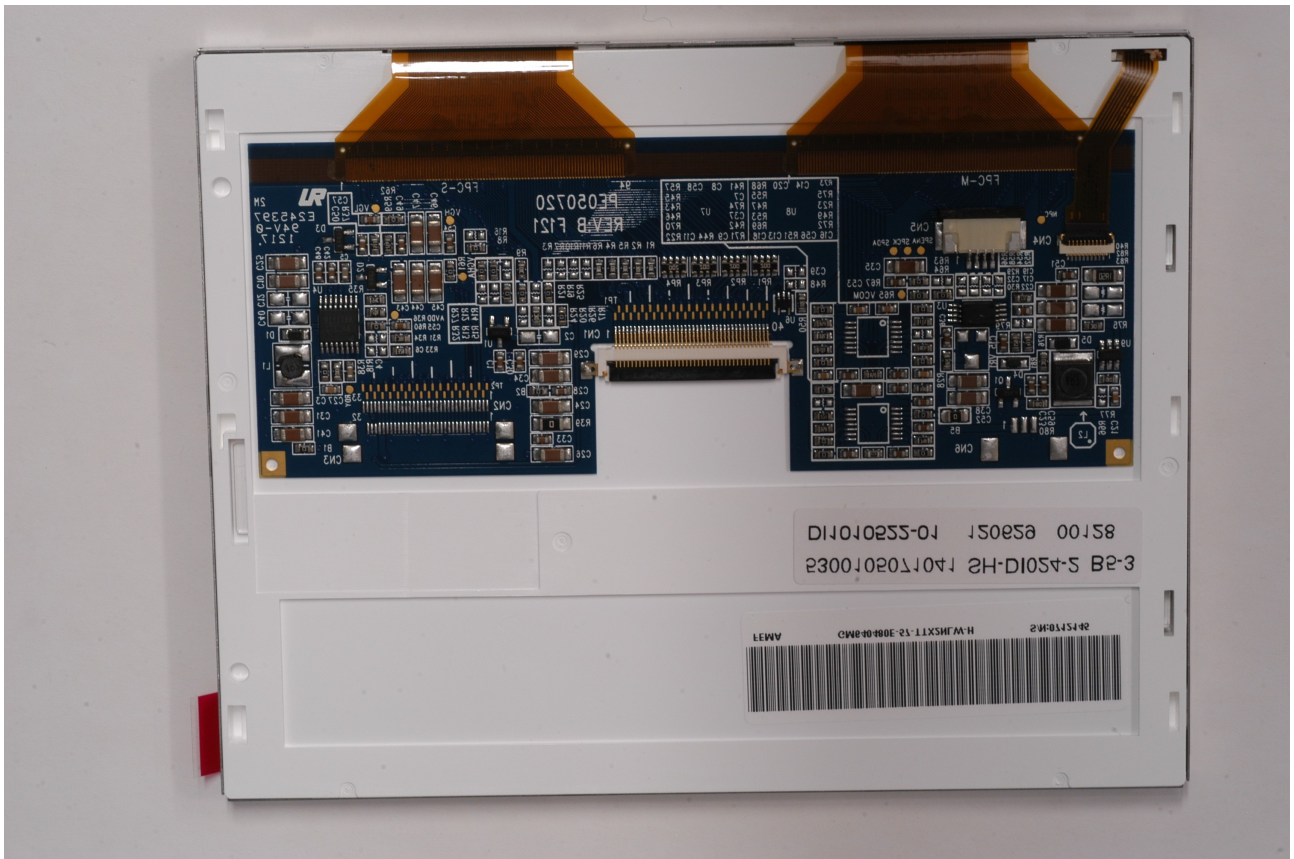GPS Module – Top Side

GPS Module (Shield Removed) – Bottom Side

GPS Module (Shield Fitted) – Bottom Side
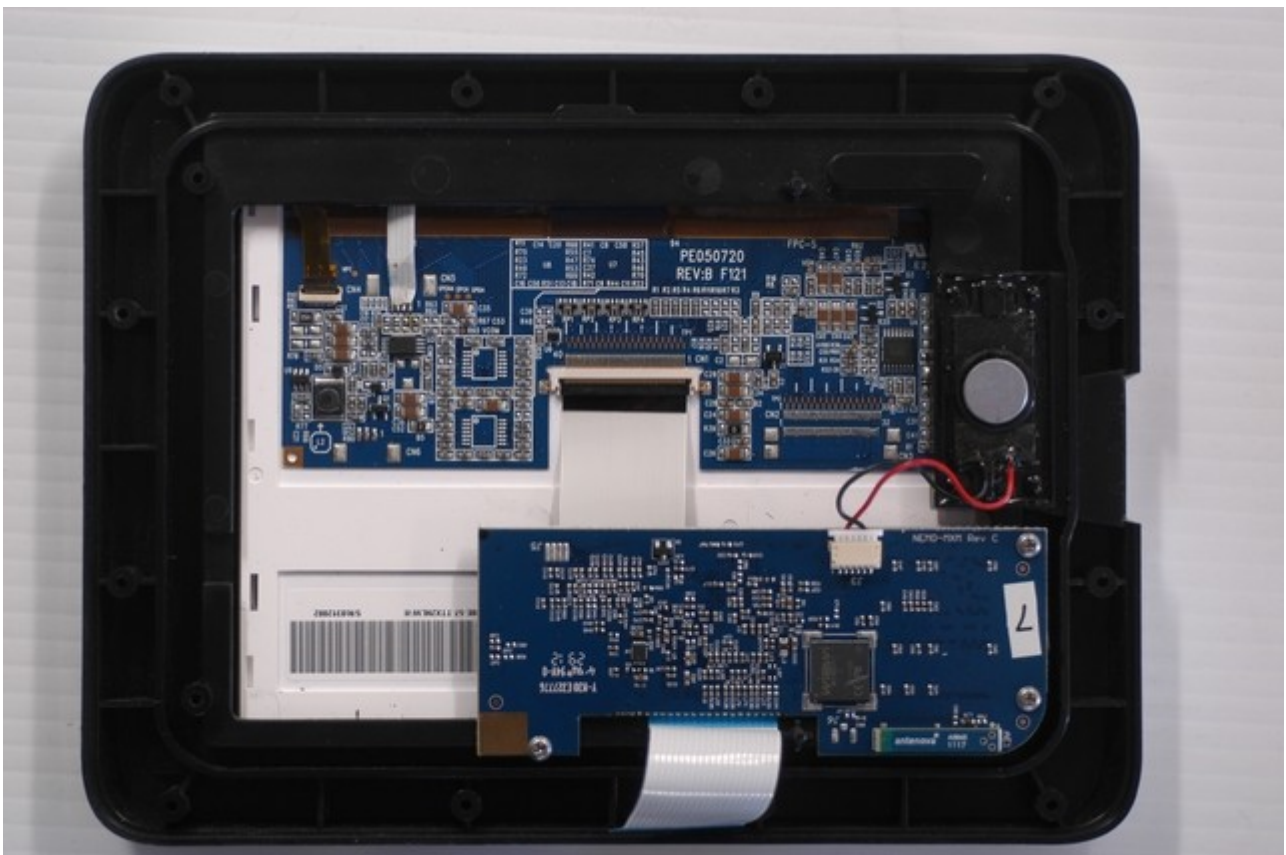
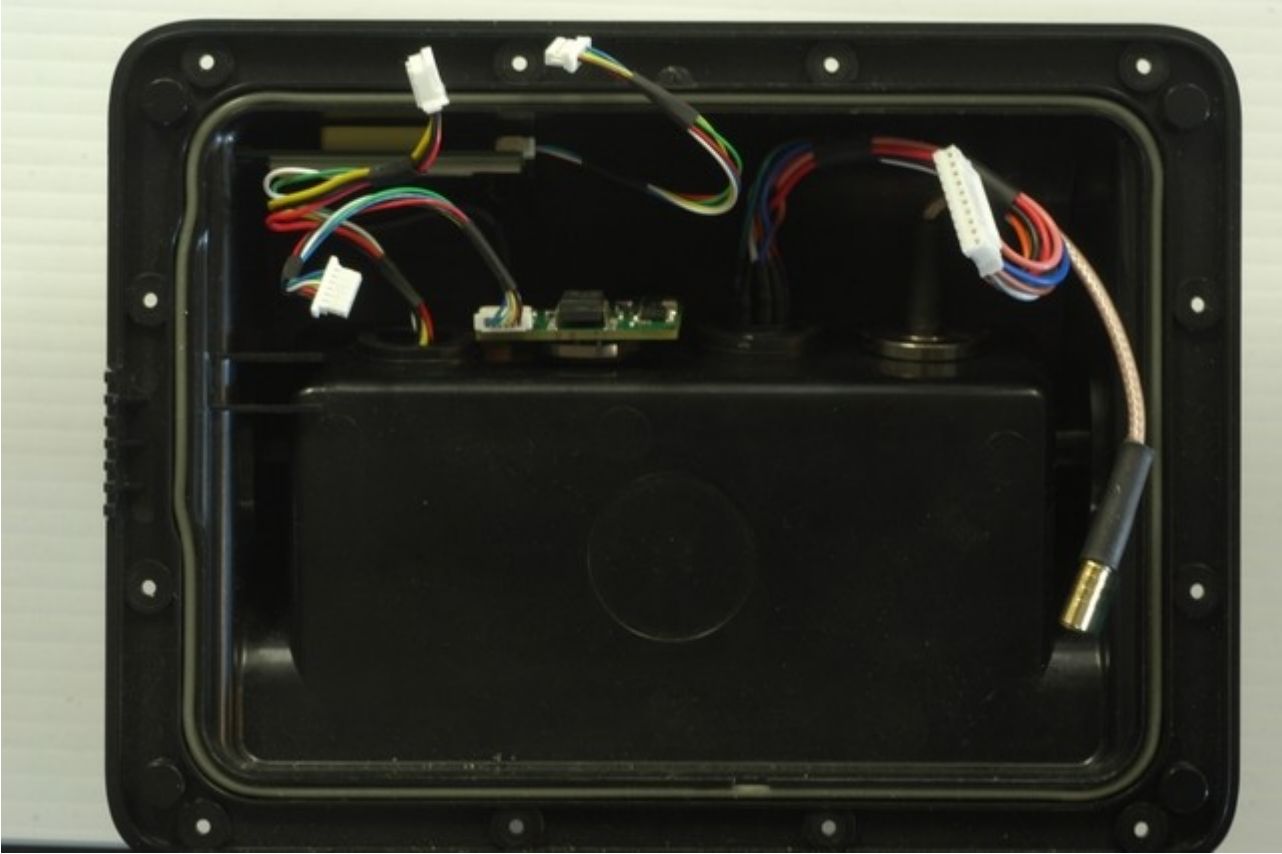## LCD Module

LCD Module – Front

LCD Module – Rear

Internal Photos – Assembly stack up

WatchMate Vision (XB9000)

WatchMate Vision (XB9000) – Front LCD and User Interface assembly

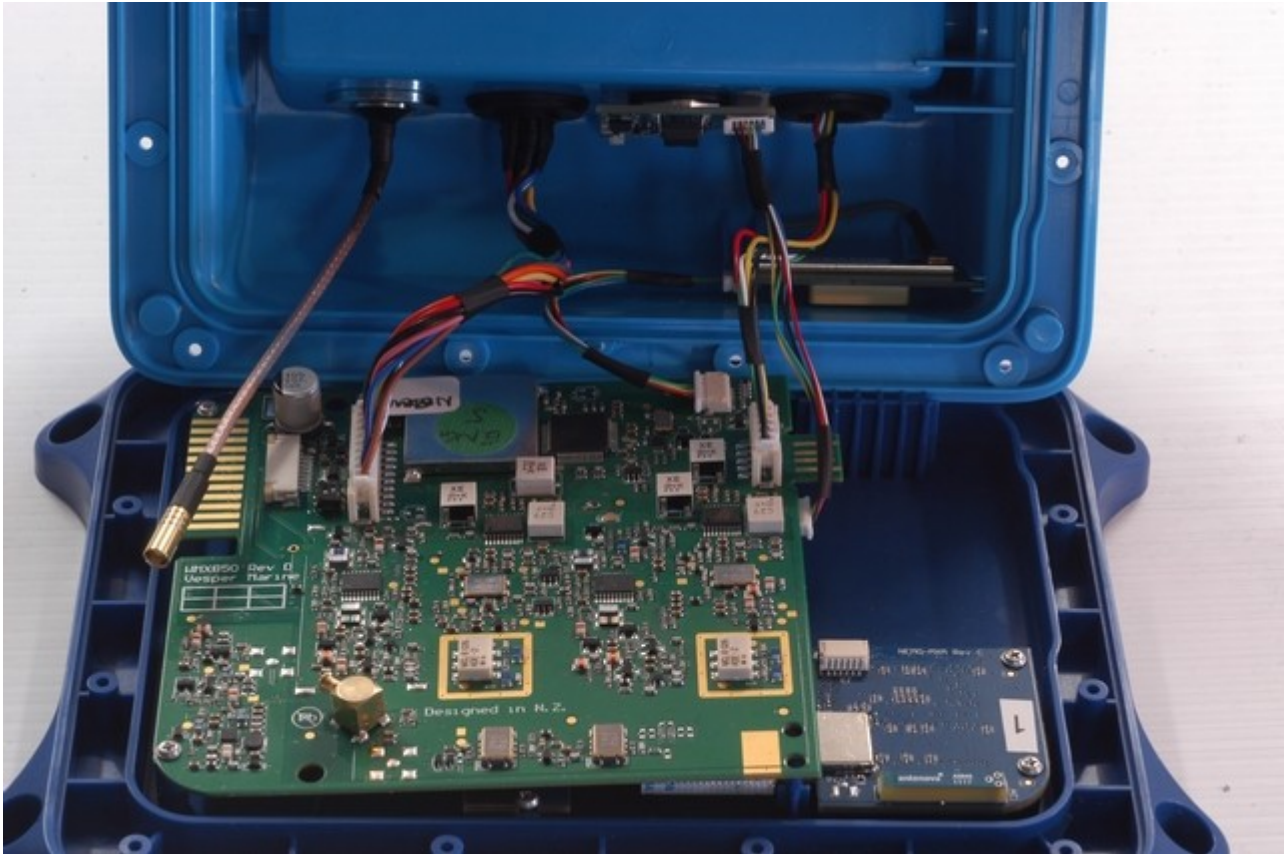WatchMate Vision (XB9000) – Rear GPS and External Connectors

WatchMate Vision (XB9000) – Internal Connector Assembly

XB-8000 / XB-6000

XB-8000 – Rear AIS Engine and User Interface Processor

Note, XB-6000 is as shown but without the XB User Interface Processor

XB-8000 – Internal Connector assembly

Note, XB-6000 is as shown but without the XB User Interface Processor