

4 Limited Spares List for Field Replacement

4.1 Display Monitors

Assembly Type	Part Numbers			
	180 High Res.	250 Med Res.	250 High Res.	340 Med Res.
CRT	3025845	MA00010231	MA00010322	MA0001223
Degauss Coil	91003688	91003689	91003689	91003608
CRT Board Set*	65814611	65820611	65821611	65826611
consisting of:-	consisting of:-	consisting of:-	consisting of:-	consisting of:-
Drive PCB	65814882	65820882	65821882	65826882
Base PCB	65814883	65820883	65821883	65826883
Controller PCB	65800881	65800881	65800881	65800881
Brilliance PCB	65800885 (desk mounting displays ONLY)			
Fan	65826612			
Video O/P (Optional)	65800884			

*Note that all three CRT PCBs must be changed as a complete matched set.

4.2 S-Band Turning Units (Masthead and Bulkhead)

Assembly	Part Number
TRIGGER PCB ASSEMBLY	65801801
INPUT PCB ASSEMBLY (MASTHEAD TRANSCEIVER)	65801804/65801813
INPUT PCB ASSEMBLY (BULKHEAD TRANSCEIVER)	65801814
POWER SUPPLY PCB ASSEMBLY	65801809
BEARING AND HEADING MARKER PCB ASSEMBLY	65801805
RECEIVER FILTER PCB ASSEMBLY	65801818
RECEIVER ASSEMBLY	65830616
MODULATOR PCB ASSEMBLY	65830812
LIMITER ASSEMBLY	91005224
MAGNETRON	91005225
CIRCULATOR	91005223
PERFORMANCE MONITOR	91003746
MOTOR 220/240V AND 380/440V 3PH Normal Speed	91003751
MOTOR 110/220V 3PH Normal Speed	91003752
MOTOR 220/240V AND 380/440V 3PH High Speed	91003753
MOTOR 110/220V 3PH High Speed	91003754
MAINS FILTER PCB ASSEMBLY	91005228
FUSE 3.15A (240VAC SYSTEM)	MA00007245
FUSE 5.0A (115VAC SYSTEM)	2180413
FAN - AXIAL 80x80x25 12VDC (MASTHEAD Tx/Rx)	65830656
THERMAL SWITCH (FOR FAN - MASTHEAD Tx/Rx)	MA00007765

4.3 X-Band Turning Units (Masthead and Bulkhead) (10kW & 25kW Units)

Assembly	Part Number
TRIGGER PCB ASSEMBLY	65801801
INPUT PCB ASSEMBLY (TURNING UNIT)	65801813
INPUT PCB ASSEMBLY (BULKHEAD TRANSCEIVER)	65801820
POWER SUPPLY ASSEMBLY (AC)	65825816
POWER SUPPLY ASSEMBLY (DC)	65810816
INPUT FILTER PCB ASSEMBLY (DC)	91003686
BEARING AND HEADING MARKER PCB ASSEMBLY	65801805
RECEIVER FILTER PCB ASSEMBLY	65801818
RECEIVER ASSEMBLY	65801616
MODULATOR PCB ASSEMBLY (10kW)	65810812
LIMITER ASSEMBLY (10kW)	91005221
MAGNETRON (10kW)	91003015
MODULATOR PCB ASSEMBLY (25kW)	65825812
LIMITER ASSEMBLY (25kW)	91005226
MAGNETRON (25kW)	91003496
CIRCULATOR	91005227
PERFORMANCE MONITOR	91005220
MOTOR DRIVE & DYNAMIC BRAKE PCB ASSEMBLY	65801811
MOTOR & GEARBOX ASSEMBLY	91003765
IMPELLER	65801136
MAINS FILTER PCB ASSEMBLY (AC)	65825601
FUSE 3.15A (240VAC SYSTEM)	MA00007245
FUSE 5.0A (115VAC SYSTEM)	2180413
FUSE 16A (24VDC SYSTEM)	2162342
BELT DRIVE (40W)	MA00008979
FAN - AXIAL 80x80x25 12VDC (BULKHEAD Tx/Rx)	65830656
THERMAL SWITCH (FOR FAN - BULKHEAD Tx/Rx)	MA00007765
CABLE ASSY. - SCANNER ON/OFF (INC. SWITCH)	65801506

4.4 Processor Electronics Unit

Assembly	Part Number
DISPLAY PROCESSOR PCB ASSEMBLY	65800811
RADAR PROCESSOR PCB ASSEMBLY	65800812/813/814/815
COMPASS PCB ASSEMBLY	65800831/832
INPUT/OUTPUT PANEL ASSEMBLY (AC/DC)	65800818/821
BACKPLANE	65800819
POWER SUPPLY (AC/DC) PCB ASSEMBLY	65800822/823
MEMORY CARD ASSEMBLY	65800602
MEMORY BUFFER ASSEMBLY	65826607
ON/OFF SWITCH ASSEMBLY	65800607
JOYSTICK ASSEMBLY	65800606
TRACKERBALL ASSEMBLY	65800603
KEYBOARD MODULE	65845600
FAN ASSEMBLY	65800613
AIR FILTER (Standard)	65800111
AIR FILTER (Integral Keyboard Option)	65800214

4.5 Kit Display Control Panel

Assembly	Part Number
ON/OFF SWITCH MODULE	65826656
JOYSTICK MODULE	65826658
TRACKERBALL MODULE	65826654
MEMORY CARD MODULE	65826655
KEYBOARD MODULE	65845600
BRILLIANCE MODULE	65826657