

Product: Decca BridgeMaster E Series Radars

Subject: General Information 7

1. X Band Transceivers: Replacement of Receiver and LNFE Assembly

It is highly recommended that whenever a Receiver/LNFE assembly is replaced the Limiter is also replaced at the same time. Also note that there are 'biased' and 'non-biased' Limiters fitted (MIB 24 refers). At the worst case, if a 'non-biased' Limiter is required but not available, then a 'biased' Limiter may be fitted and the bias connector (from PLYD on the Trigger PCB) left disconnected.

2. X Band Turning Units: Remotely Selectable Antenna Speed Facility

The introduction of this facility has generated a new Pulse Bearing PCB type 65801826 and a new Motor Drive PCB 65801827. These PCBs are 'backward' compatible but the revised link settings must be observed.

Pulse Bearing PCB or Motor Drive PCB

LK1

Normal Speed: 1-2

High Speed: Not Fitted or parked on 1 pin

Selectable Speed Selected: 2-3

3. Special Compass Interface PCB 65800832

The Special Compass PCB 65800832 (from issue 2 onwards) has an additional link LK3. Set this link for Reference voltages as follows:

LK3 Nominal Reference Voltage

2-4 150Vrms

3-4 115Vrms

1-2 50Vrms

1-3 26Vrms

4. Software version C5.01

Commercial software version C5.01 is now released. The additional features are noted in Service Bulletin No. 43 **release 3**.