

LITTON MARINE SYSTEMS UK
Service Bulletin No.13 (Release 2)

Product: BridgeMaster E Series Radars

Subject: Transceiver Compatibility Unit / Switch SW1-8 settings

Please use this document in conjunction with Chapter 2 of Ancillary Units Manual 65800012

ENSURE MOD AXA1-5 HAS BEEN CARRIED OUT. U14 MUST BE TYPE 32MAB023 (V1.7 SOFTWARE).

For NON-INTERSWITCHED systems use the following table for the type of Transceiver installed. SW 1, 6,7,8 are not important. **Observe Notes 1, 2 & 3**

SW	OFF	ON
2	Master (Default)	Not used (note 3)
3	S Band	X Band
4	25kW or 30kW	10kW
5	BM X Band	S90 S or X Band (note 2)

For INTERSWITCHED systems types **65842** or **65846** use the following table for each Transceiver/TCU combination installed. SW 1,6,7,8 are not important. **Observe Notes 1, 2 & 3**

SW	OFF	ON
2	Master (Default)	Not used (note 3)
3	S Band	X Band
4	25kW or 30kW	10kW
5	BM X Band	S90 S or X Band (note 2)

For INTERSWITCHED system type **65642** use the following table for each Display/TCU combination installed. **Observe Notes 2,3 & 4.**

SW	OFF	ON
1	Display is A	Display is B
2	Master (Default)	Not used (note 3)

Transceiver A Details

3	S Band	X Band
4	25kW or 30kW	10kW
5	BM X Band	S90 S or X Band (note 2)

Transceiver B Details

6	S Band	X Band
7	25kW or 30kW	10kW
8	BM X Band	S90 S or X Band (note 2)

Notes

1. Ensure a wire link is fitted between TSE5 and TSC8
2. For a S90 Tx/Rx fit a link between TSA5 and TSC5
3. In all systems where the TCU is used to interface a Tx/Rx with a Display, SW2 is set to Master (OFF). Permanent Slave is only used when the TCU is performing a monitoring function only, such as when connected to a VCR system.
4. Ensure **NO** link is fitted between TSE5 and TSC8.