

**SPERRY MARINE UK**  
Service Bulletin No. 34

**Product: Decca BridgeMaster E Series Radars**

**Subject: Trigger PCB 65801806 Compatibility**

Trigger board 65801806 can be used as a direct replacement for Trigger board 65801803 in all turning units or transceivers if the system is not using the radar silence input (connected to TSD10 and TSD11 in the turning unit for masthead transceivers or TSD1 and TSD2 in the transceiver for bulkhead transceivers). And in all turning units and transceivers fitted with input boards with issues detailed below:

Input board 65801819 is issue 5 or higher for "S" band masthead transceiver.  
Input board 65801815 is issue 3 or higher "S" band bulkhead transceiver  
Input board 65801821 is issue 2 or higher "X" band bulkhead transceiver

If the radar silence input is required, and an issue input board than that listed above is fitted, the 65801806 trigger board can still be used to replace Trigger board 65801803 if the radar silence input signal is not in RS422 format (normally indicated by LK1 not being fitted on the input board).

If an earlier issue input board than that listed above is fitted, and the radar silence input is in the RS422 format it will be necessary to connect a 120Ω resistor between TSD10 and TSD11 in the turning unit for masthead transceivers, or between TSD1 and TSD2 in the transceiver for bulkhead transceiver.

If input board 65801810 is fitted (early "S" band aloft only), and the radar silence input is in the RS422 format it will be necessary to connect a 120Ω resistor between TSD10 and TSD11 in the turning unit.