

**EMC Technologies Report Number: M081218\_Cert\_Console\_IRc**

**Attachment 2**

**CONSOLE and INTERNAL ROUTER**

## 4 Appendix 1 – Internal Router (IR)

In order to extend Crewsafe network range to areas where there is no requirement for UV stabilisation and IP67 ingress protection (that is, internal areas and compartments), Mobilarm may deliver Internal Routers (IR).

The IR provides the same network functional requirement as the External Router (ER); that is, a device that provides routing functionality and extends the range of the Crewsafe Network.

In order to reduce cost, IR functionality is provided by using the exact same Printed Circuit Assembly (PCA) and plastic housing as the Display Console; specifically, the IR provides the same network routing functionality as that device.

The **only hardware** difference between the Display Console and Internal Router devices is the membrane switch decal on the front of the plastic enclosure.

- The Internal Router uses exactly the same PCA as the Display Console (PCA-00040).
  - There is no difference in component builds (Bill Of Materials – BOM), between the two devices.
  - RF settings are exactly the same.
- The Internal Router uses exactly the same plastic housing as the Display Console.

