

# RFD Beaufort Limited Service Bulletin

DUNMURRY - BELFAST - NORTHERN IRELAND

## No. 10/06 Marine

### Transmittal

This page authorises the issue of a Marine Service Bulletin, which consists of this transmittal sheet plus 3 pages.

**TITLE: Marin-Ark Liferaft – Over-capacity, Dual & Single Point Bowsing  
(in GRP Container).**

Service Bulletin Number 10/06 is approved technically for RFD Beaufort Ltd.

Name:  ..... Date: 1<sup>st</sup> June 2006

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**TITLE: Marin-Ark Liferaft – Over-capacity, Dual & Single Point Bowsing (in GRP Container).**

### 1. Introduction

Under unlikely operational circumstances the weak link alone of the hydrostatic release unit (HRU) may be required to apply the necessary tension to the liferaft firing line to initiate liferaft inflation. It has been found that the weak link employed in Marin-Ark liferaft installations may not be sufficiently strong to fire all of the inflation system operating heads whenever a liferaft falls from its stowage (under float free circumstances the weak link performs reliably).

In order to eliminate this possible failure mode, the firing line is to be connected directly to the liferaft rack. This shall not affect operation, as the firing line is not attached directly to the liferaft hull (an inflated liferaft is controlled using bowsing lines fitted with HRUs that assure float free release).

### 2. Implementation

During ongoing annual servicing of the liferafts, the action described at Paragraph 6 is to be carried out.

### 3. Equipment Affected

All Marin-Ark liferafts packed in a GRP container as an over-capacity, dual or single point bowsing configuration.

Service manual M217 (RFD PN 06652009) – MARIN-ARK LIFERAFTS – refers.

### 4. Parts Required

None.

### 5. Tools Required

None.

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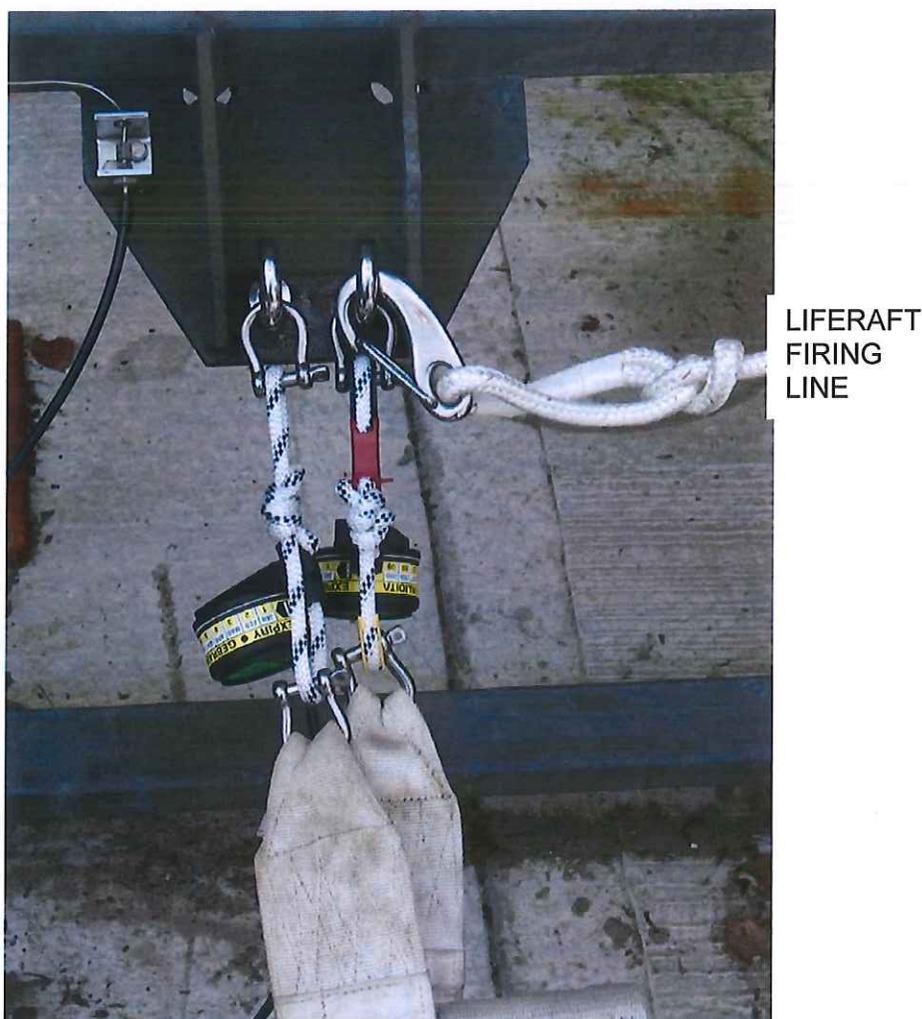
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### 6. Details

Connect the firing line as shown in Figure 1. The snap hook or shackle and ring is connected to the shackle or eye nut that holds the HRU to the launching rack.

This arrangement shall be adhered to for single-point bowing, dual-point bowing and over-capacity liferafts.



*Fig 1 – LIFERAFT FIRING LINE ATTACHMENT*

*(Note – On some installations, connection to the anchorage uses a shackle and ring arrangement in place of the snap hook shown above)*

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### 7. Testing

None required.

### 8. Recording & Reporting

On embodiment of this bulletin, write 'SB 10/06 applied' in the relevant record documents and the liferaft log book. Complete a QAF102 form (Service Bulletin Action Transmittal Receipt) for each modified system, and return it to:

MES Operations Manager, RFD Beaufort Limited, Kingsway, Dunmurry, Belfast,  
BT17 9AF.