

SURVIVAL TECHNOLOGY
**Marine Mk IV Liferafts — Hull :
*Introduction of design changes***

This Service Bulletin affects products from the brands that follow:

	Survitec Dunmurry - Belfast Northern Ireland		Survitec Dunmurry - Belfast Northern Ireland
RFD Beaufort Inc	RFDB Inc Sharon Centre - Ohio USA		DBC Marine Safety Systems Ltd. Vancouver Canada
	SSPI Ohio USA		Survitec Zodiac Chevanceaux France
Survitec Safety Solutions	SSS		
	Eurovinil S.p.A Grosseto Italy		
	DSB Deutsche Schlauchboot Eschershausen Germany		

This Service Bulletin has been technically approved by Survitec Design Authority.

Signed: 

Dated: 22-Dec-2025

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23/24	Marine Mk IV Liferafts — Hull : Introduction of design changes		
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1. Introduction

As part of Survitec's ongoing commitment to continuous improvement and innovation, the design of the marine Mk IV liferaft has been updated to improve efficiency and reduce environmental impact (Refer to **Figure 1**).

This design will have reduced weight and packing bulk due to lower bulk materials and reduced adhesive. The operational packing procedure remains the same with the exception of the light attachment point.



Figure 1
Mk IV 25 DL with new design features

The design changes that follow will be introduced:

Welded hull

- Construction of the hull now uses welded seams and attachments, replacing most glued joints (Refer to **Figure 2**).



Figure 2
New seam construction

Updated webbing and fabric materials

- Both webbing and fabric materials have been updated to support improved performance (Refer to **Figure 3**).

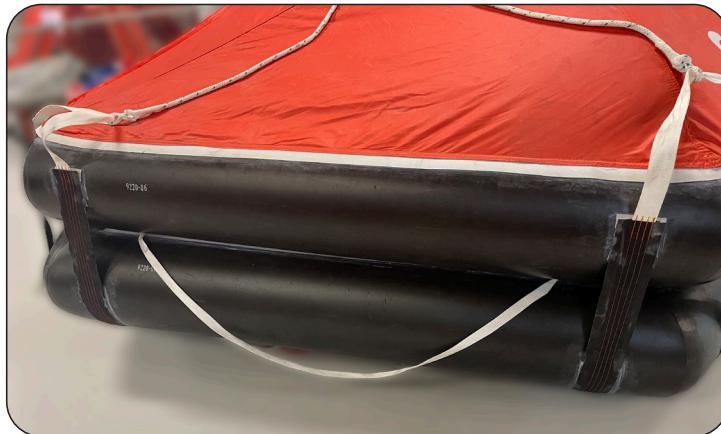


Figure 3
Updated webbing and fabric materials

Updated water pocket attachment

- Water pockets are now rigged to the liferaft floor using bowline knots (Refer to **Figure 4**). This allows water pockets to be replaced, if necessary.



Figure 4
Updated water pocket attachment

Updated attachment point for light activation line

- The attachment point for the light activation line has been moved from the loop patch to the adjacent liferaft lifelines (Refer to **Figure 5**).

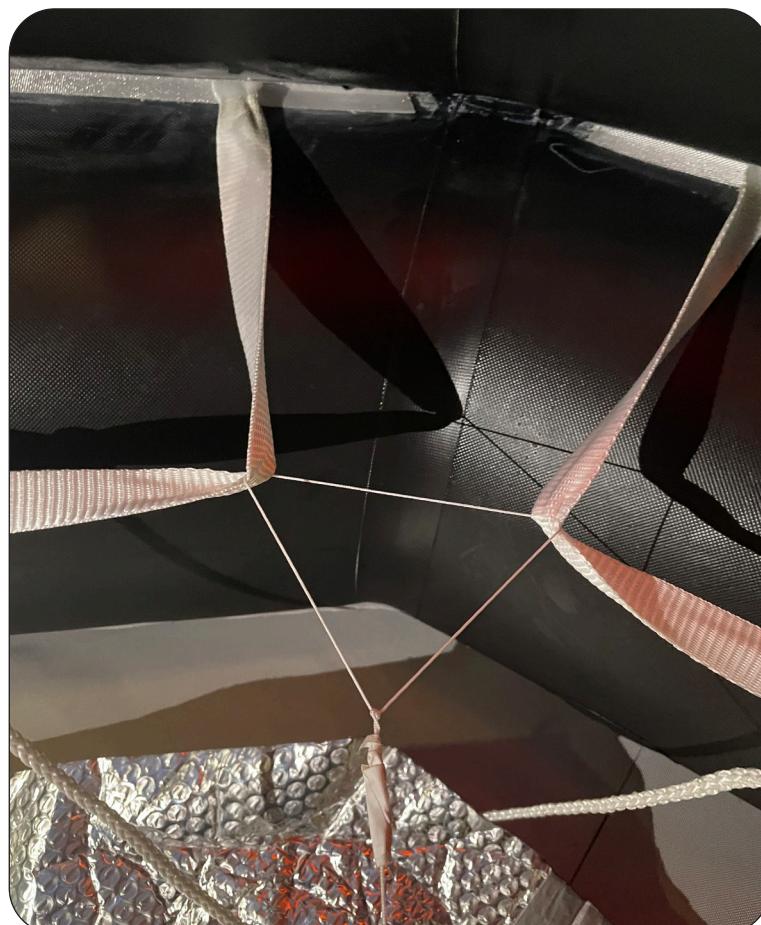


Figure 5
Updated light attachment point

Updated attachment to floor insulation

- The floor insulation is now attached to the lifelines instead of the retaining elastic that was attached to the underside of the floor (Refer to **Figure 6**).



Figure 6
Updated attachment to floor insulation

Improved canopy doorway

- The canopy doorway has been redesigned to improve watertightness and resistance to impact (Refer to **Figure 7**).



Figure 7
Improved canopy doorway - Open and closed

Use of water-based inks

- White water-based inks are now used for prints and stencils (Refer to **Figure 8**).



Figure 8
New white water-based inks

2. Equipment and vessels affected

Product group	Capacities	Service manual reference
Marine Mk IV annual service liferafts	Throw over (TO) 4 - 25 Persons Davit-launch (DL) 12 - 25 Persons	M269-00, M269-02
Marine Mk IV extended service liferafts	Throw over (TO) 6 - 25 Persons Davit-launch (DL) 12 - 25 Persons	M271
Marine Mk IV coastal liferafts	Throw over (TO) 4 - 8 Persons	M303

NOTE: New design Mk IV rafts can be identified by a new serial number format:

Mk IV raft design	Serial Number Example
Old design Mk IV raft	5086310500001
New design MK IV raft	50863105W00001

3. Embodiment date

This service bulletin is effective immediate for all new welded design Mk IV rafts. These new welded design Mk IV rafts will start being placed on the market in 2026.

NOTE: Old design Mk IV rafts can continue to be used.

NOTE: The light tie off instruction in this service bulletin is optional for old design Mk IV rafts.

4. Necessary parts

Part number	Description	Quantity
02096004	Self-adhesive tape (white)	As required
02236006	50 lb (23 kg) cord	As required per liferaft
54105001	58L water pocket	As required
54105002	77L water pocket	As required

5. Necessary equipment and tools

None required.

6. Tasks

- A. Do the steps that follow to attach the light activation line.

NOTE: This procedure is compatible with all Mk4 liferafts already in service.

- (1) Cut the correct length of activation line (50 lb cord) (Refer to **Table 1**).
- (2) Loop the activation line around two adjacent lifelines.
- (3) Use a bowline knot to tie the activation line (Refer to **Figure 9**).
- (4) Wind self-adhesive tape around the flying ends to hold in position.

- B. Do the steps that follow to replace or repair the water pockets, if necessary:

- (1) Tie the water pocket in position with a bowline knot at each loop.

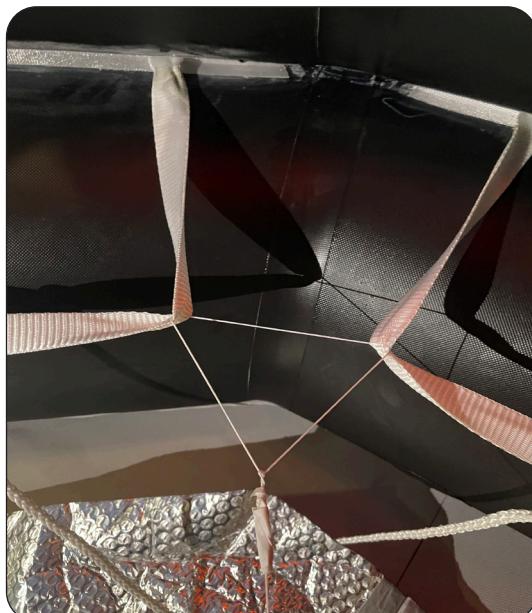


Figure 9
Activation line attachment point

RL6 Light tie-off cord cut lengths

Liferaft capacity	Cut length (mm)
4	850
6	500
8	500
10	1200
12	1200
16	1700
20	1800
25	1950

Table 1
Activation line cord lengths

Key	
	Activation cord

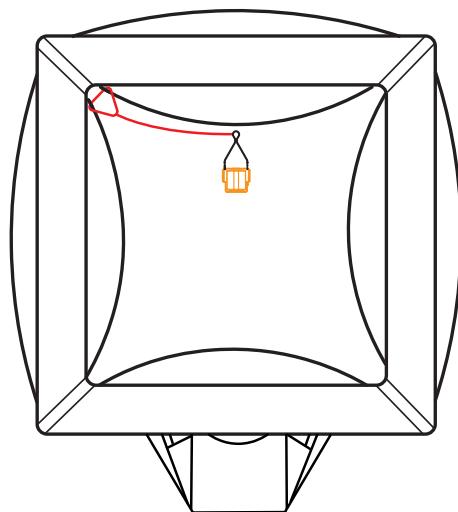


Figure 10
Attachment point of activation line for 4 person liferaft

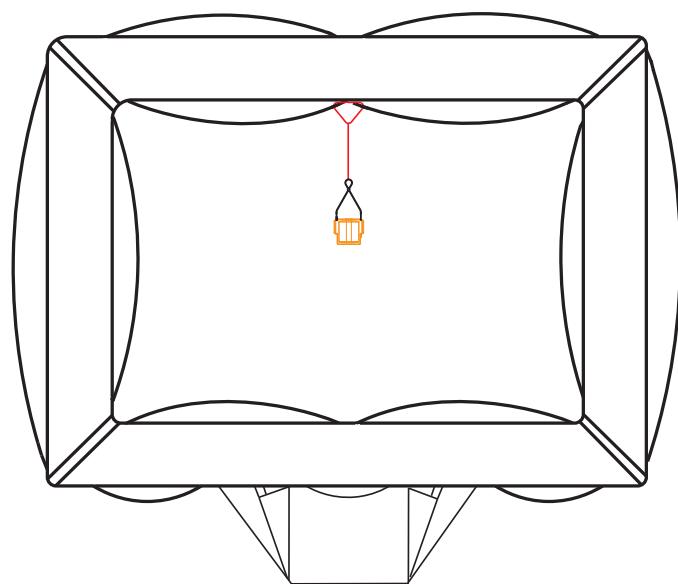


Figure 11
Attachment point of activation line for 6 and 8 person liferaft

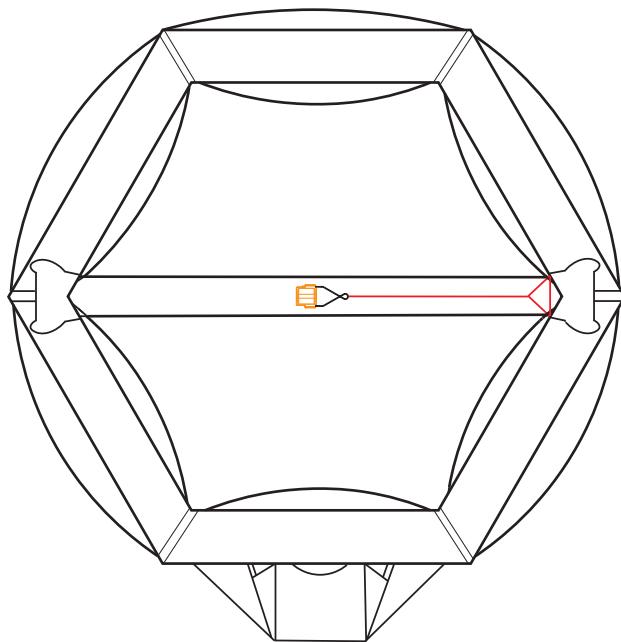


Figure 12
Attachment point of activation line for 10, 12 and 16 person liferaft

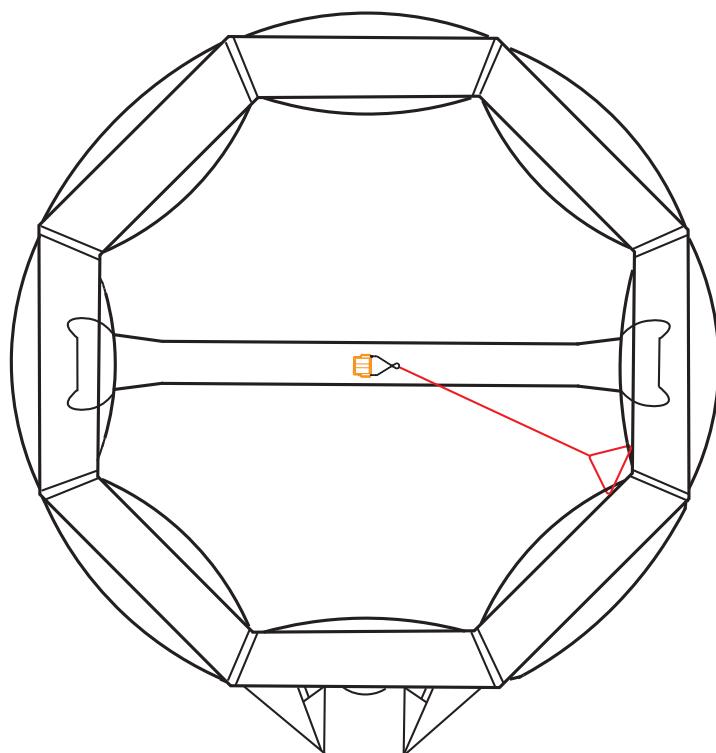


Figure 13
Attachment point of activation line for 20 and 25 person liferaft

7. Recording

None required.

8. Reporting

None required.

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Service provider:

Associated Publications: M269-00, M269-02, M271, M303

As part of Survitec procedures, each technician who is trained to service the equipment affected by this publication must read and fully understand this publication.

When each technician has read and fully understood the publication, they must complete and sign the table below.

Keep this table with this publication.

Each person named below has read and fully understood this publication: