



Marine Safety Information Bulletin

Commandant
U.S. Coast Guard
Design and Engineering Standards (CG-ENG)
2703 Martin Luther King Jr Ave SE, STOP 7509
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Imperial Immersion Suit Cosmetic Defect

NOTE: This MSIB updates and replaces the D17 MSIB 01-22, dated July 1, 2022.

In June 2022, Sector Anchorage found several Survitec Imperial immersion suits with neoprene sections that had become unglued. These suits could have the following approval numbers: 160.171/2/0 (Model 1409A), 160.171/3/0 (Model 1409J), 160.171/4/0 (Model 1409C) and/or 160.171/21/0 (Model 1409D).

Survitec has conducted an internal investigation and water ingress and leakage testing of over 30 affected immersion suits and found that all tested suits passed the USCG requirements. The small pieces that have come unglued near the hood/zipper are a cosmetic defect, posing no safety concern. The USCG conducted oversight of the manufacturing facility and confirmed these results with additional testing. Immersion suits with the approval numbers above continue to meet carriage requirements and do not require replacement.

While these suits continue to meet carriage requirements, Survitec is taking proactive steps to reduce the issue. Survitec released Work Instruction WI-CPT-11 “Additional Stitching to the Imperial Model 1409 Immersion Suit” on 05 October 2022. This document outlines both the steps that owners of affected immersion suits may take to conduct repairs and how servicing technicians shall conduct repairs.

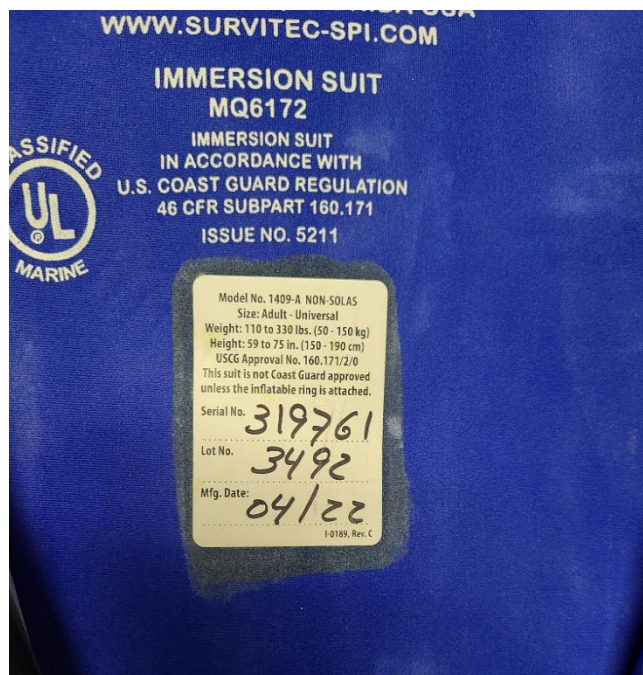


Figure 1: Immersion suit model 1409A



Figure 2: Glue peeled away near the chin area

The Coast Guard recommends owner/operators to follow all manufacturer guidance for care, storage, servicing, and repair of immersion suits.

Questions concerning this notice may be directed to the Office of Design and Engineering Standards, Commandant (CG-ENG) at TypeApproval@uscg.mil.