



Ministry
of Defence

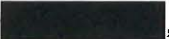


FOI2021/05898

E-mail: NavyStratPol-SECFOI@mod.gov.uk



25 June 2021

Dear ,

Release of Information

Thank you for your correspondence of 4 June 2021 in which you requested the following information:

'I'm requesting some information which is held in BRd 766, specifically I'm looking for the survival times graph for cold water immersion.'

Your enquiry has been considered to be a request for information in accordance with the Freedom of Information Act 2000.

A search has now been completed within the Ministry of Defence and I can confirm that information in scope of your request is held and can be found at Annex A to this letter.

I should advise that the enclosed information provides a quick ready reference to personnel on board a ship after aircrew have ditched in the water. Caution should be taken when reviewing the content of the graph as if taken out of context and on its own, this could lead to incorrect assumptions about what should be worn when immersed in water.

If you have any queries regarding the content of this letter, please contact this office in the first instance.

If you wish to complain about the handling of your request, or the content of this response, you can request an independent internal review by contacting the Information Rights Compliance team, Ground Floor, MOD Main Building, Whitehall, SW1A 2HB (e-mail CIO-FOI-IR@mod.uk). Please note that any request for an internal review should be made within 40 working days of the date of this response.

If you remain dissatisfied following an internal review, you may raise your complaint directly to the Information Commissioner under the provisions of Section 50 of the Freedom of Information Act. Please note that the Information Commissioner will not normally investigate your case until the MOD internal review process has been completed. The Information Commissioner can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF. Further details of the role and powers of the Information Commissioner can be found on the Commissioner's website at <https://ico.org.uk/>.

Yours sincerely

Navy Command Secretariat - FOI Section

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<p>UK OFFICIAL-SENSITIVE BRd766 Last Amended-November 2020</p>	<p>UK OFFICIAL-SENSITIVE BRd 766 Last Amended-November 2020</p>
<p align="center">ESTIMATED SURVIVAL TIMES FOR VARIOUS AIRCREW CLOTHING ASSEMBLIES AND WATER TEMPERATURES</p> <p>Estimated calm water survival times plotted against water temperature for individuals (see note 1) wearing various levels of immersed clothing insulation.</p>	<p>Notes:</p> <ol style="list-style-type: none"> <i>tog = 0.645clo = 0.1°c. M2/w1. As these estimates are to be used for safety purposes, they are on the shortest likely survival times for relatively thin individuals (approx. 10th percentile mean skinfold thickness).</i> <i>At these temperatures individuals without immersion coveralls may die rapidly from cold shock before the onset of life threatening hypothermia.</i> <i>Immersion coveralls are assumed as serviceable. Significant leaks can reduce effective insulation.</i>
<p>UK OFFICIAL-SENSITIVE N.2350(1)A-31</p>	<p>UK OFFICIAL-SENSITIVE N.2350(1)A-32</p>

