

ANNEX 36B**CBRNDC PUBLICATIONS****1. Introduction**

There are numerous publications that have been produced to assist those at sea in setting up a sound, well structured and effective CBRN and Damage Control (CBRNDC) organisation. The aim of this Annex is to list some of the more important publications that are relevant to CBRNDC.

2. Joint Warfare Publications (JWP)

The Joint Service policy and procedures for CBRN Defence are covered in the following publications:

- a. **JWP 3-61 - CBRN Defence in Joint Operations.** Focuses on the higher operational level in order to inform development of CDS' Directive, guide Joint Commander's Directive and Joint Task Force Commander's Campaign Plan.
- b. **JWP 3-61.1 - Joint CBRN Defence.** This volume is to guide CBRN specialist staff in advising commanders on the production of CBRN defence plans and defence operations.
- c. **JWP 3-61.1.1 - Joint Manual of CBRN Defence.** Advises on CBRN defence training, provides detail on aspects of CBRN defence operations and defence equipment.

3. BR 60 - Royal Naval Reserve Regulations

The second volume, BR 60A, contains the RNR CBRNDC training policy.

4. BRd 2170 Volume 1 (Damage Control)

Deals with the specific aspects of Damage Control and Firefighting. The publication also contains details of all CBRNDC, Continuation and Sea Safety Training including CBRNDC training lecture plans. In addition provides ship CBRNDC Inspection, Test and Trials Guidance.

5. BRd 2170 Volume 2 (CBRN Defence)

Volume 2 deals with all aspects of CBRN Defence. In addition, JSP 925 - CBRN Training Manual and JSP 926 - Counter CBRN Aide Memoire has been introduced to the RN service in support of BRd 2170 Volume 2. These publications provides comprehensive guidance on all aspects of Counter CBRN defence training and supplements the individual's knowledge of how to survive and operate in a CBRN or Toxic Industrial Hazard Environment.

6. BRd 2170 Volume 3 (Damage Control Stores Catalogue for HM Surface Ships, Submarines and RFAs)

Contains ship and submarine firefighting and damage control equipment scalings. Platform specific CBRN scalings, individual CBRN clothing and monitoring equipment details are available in JSP 886 - The Defence Logistics Support Chain Manual Volume 6 Part 3.

7. BRd 2170 Volume 4 (CBRNDC for Submarines)

CBRNDC for HM Submarines including the FOST Back Pocket Guide for use in combination with Volume 4.

8. BRd 2170 Volume 5 (Embarked Aviation Crash Fire Rescue (CFR))

Guidance on the Aviation firefighting organisation and its interface with the ships CBRNDC organisation, new firefighting aims prioritising on increasing the chances of survival to ensure ships safety and a four phased approach to dealing with aviation fire incidents.

9. BRd 2170 Volume 6

The purpose of this publication is to bring a variety of past damage control incidents, primarily, to the attention of the ship's Damage Control Teams, so that they can learn from them with the benefit of hindsight.

10. BRd 2170 Volume 7

Platform Type Specific CBRNDC Orders approved by Navy Command HQ enabling Flotilla Staff/Naval Command overview of the content of the orders held.

11. BR 4007 - The Naval Guide to Ship Firefighting

Produced in simple uncomplicated language, this publication covers onboard fire prevention, firefighting organisation and equipment, personal protection and practical firefighting (**HARD COPY ONLY**).

12. BR 4008 - The Naval Guide to Damage Control and Stability

This publication covers all aspects of damage control methods and techniques, shoring, flooding, pumping and ballasting including basic guidance to ships stability (**HARD COPY ONLY**).

13. BR 4487 - Fighting Instructions

Volume 1 of this publication includes guidance on maritime warfare operations in a CBRN environment.

14. CB 4538 Series - CBRNDC Class Books

CBRNDC Class books contain levels of information, specific to individual ships or class, sufficient to assist Ships Staff's to form an estimate of the effects of CBRNDC attack, fire or damage. They include examples and give guidance on countermeasures and the maintenance of power and services.

15. BR 6622 - CBRNDC Handbook for HUNT Class

This is the equivalent of a CBRNDC Class Book for HUNT Class ships but in a different format.

16. BR 8828 - CBRNDC Handbook for SRMHs

This is the equivalent of a CBRNDC Class Book for SANDOWN Class SRMHs. BR 8828 applies to vessels 01 to 05. Vessels 06 to 12 will be covered by a Class Book in the BR/CB 4538 series.

17. CB 8844 - Weapon Effect

This gives general information regarding the effects of weapon attack on surface ships.

18. BRd 9274 - Maintenance of Operational Capability (Surface Ships, Submarines and RFA)

The onboard training publication lists all the CBRN and Damage Control exercises that should be planned and actioned over a given period. The publication should be readily understood by all those responsible for particular CBRN and Damage Control training.

19. BRd 9275 (1 and 2) - Operational Sea Training (OST) Guide

Volume 1 of this guide provides guidance for major ships of the Surface Flotilla, all RFA and, where applicable, embarked FOMA aircraft undergoing OST. Volume 2 provides guidance for MM/PPs undergoing OST at Faslane, when visited by FOST (MPV) or accredited Squadron Staff worldwide.

20. BRd 9275(3) - Operational Sea Training (OST) Guide (Submarines (OSTG(SM)))

Volume 3 of the Operational Sea Training Guide covers training in submarines issued in CD format.

21. CB 9500 Series - Stability and Survivability Books

Stability and Survivability Books contain a level of information specific to individual ships or class, sufficient to advise the Command of draughts, angles of heel and stability that will arise from various damage incidents including the addition of firefighting water.

22. AAP-21

This gives the NATO standard CBRN and Damage Control term and definitions, which are reflected in the BR 2170 series.

23. AMedP-6

AMedP-6 - NATO Handbook on the Medical Aspects of CBRN Defensive Operations, is a generic document, which reflects the CBRN threat as perceived by NATO. It also outlines agreed NATO treatment protocols for chemical and biological weapons. Separate UK supplements cover areas where the UK policy has a subtle difference of emphasis.

24. ATP-1 Volume 1

This publication includes approved NATO procedures for operating in a CBRN environment.

25. ATP-45C

This publication contains the information, procedures and instructions for CBRN warning and reporting, including hazard prediction areas. The ATP-45 information is also held onboard in the BRACIS software.

26. AXP-5C(NAVY)(AIR)

This covers experimental CBRN procedures that may be used as directed in National and/or NATO training exercises.

27. AXP-6(C)

This describes Nuclear Casualty and Damage Assessment for Exercises.

28. AXP-8

This describes the degrading effects expected when personnel wear IPE during exercises.

29. Fleet Operational and Tactical Instructions (FOTI)

Section 9 of FOTI provides considerable information on national procedures for operations in a CBRN environment. It is an aide memoire for CBRNDC Qualified (CBRNDCQ) personnel, for exercise and operation planning.

30. Submarine General Memoranda (SGM)

SGMs contain Damage Control and Firefighting course requirements for all submarine personnel.

31. CBRNDC Training Posters and Forms

Details of the contents of CBRNDC Training Posters and Forms are provided in BRd 2170(3) Para 0105 (RN S Forms) and Para 0106 (Fleet Graphics Posters).