

ANNEX 35C

HAT (CBRNDC) PART 2B - PRE-READY FOR SEA DATE (RFSD) CHECKS

HMS.....

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Damage Control and Identification Markings			
1. Do the following openings have the correct risk, control and location markings in accordance with BRd 2170 Chapter 3 /the ships CBRNDC Class Book/Fire Plan?		Fleet Upkeep	
Doors.			
Hatches.			
Vent terminals and trunking.			
Scuttles and deadlights.			
Opening bridge windows.			
Electrical connectors, sockets and deck tubes.			
2. Are the following systems and fittings correctly identified in accordance with Chapter 3 ?		Fleet Upkeep	
Pipe systems.			
Gas boxes.			
Discharge overboard valves.			
Drains and discharges.			
Watertight slide valves.			
Trunks.			
Foam tubes		Audited by MCTA during MSVI	
Through bulkhead hose connections.			
3. Are the following marked with photoluminescent paint?		Audited by MCTA during MSVI	
HPSW system main isolating valves			
Machinery space fire isolation valves.		Fleet Upkeep	

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Damage Control and Identification Markings (Cont'd)			
BA charging panel isolating valves.		Audited by MCTA during MSVI	
Remote diesel engine stops.		Fleet Upkeep	
Remote fuel stops for auxiliary boilers.			
The fully closed position on all WT door handles.			
Operating levers and/or handwheels on escape scuttles.			
4. Are valves and hydrants on the HPSW main identified in accordance with Para 0332 ?		Fleet Upkeep	
Miscellaneous Markings			
Are the following signs in accordance with Chapter 3 ?		Fleet Upkeep	
Other side markings.			
Sub citadel boundaries.			
Damage Control zone boundaries.			
Compartment Contents circles.			
Two clip markings.			
Compartment below signs			
Shelter routes.			
Upperdeck MMS boundary cooling markings.			
Incinerator Compartments			
1. Is the remote fuel drain valve clearly marked?		Fleet Upkeep	
2. Are clear operating instructions, including clinker and ash removal?			
3. Is there a SPE (AFFF) in the vicinity?		Audited by MCTA during MSVI	
Citadel Airlocks			
1. Are the insides of both doors marked ‘CITADEL OUT’ and the outsides marked ‘CITADEL IN’?		Fleet Upkeep	
2. Are light exclusion plates fitted to the viewing ports?			
3. Are air bleed valves (where fitted) in good condition?			

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Seat Covers and DIY Additions			
1. Are all seat units fitted with removable, flame retardant covers?		Fleet Upkeep	
2. Are seat locker lids securable?			
3. Are DIY additions in messes:			
Made of flame retardant materials?			
Readily removable?			
Clear of any Damage Control arrangements?			
RAMSET Tool			
1. Is the holding in accordance with the allowance?		Fleet Upkeep	
2. Is the correct set of charges held?			
3. Are ear defenders and goggles included in the set?			
4. Are there sufficient trained operators?			
Mobile Repair Party Post			
1. Are immersion suits available?		Fleet Upkeep	
2. Are 2 fully stocked leak stopping bags available?			
3. Is there a dedicated and functional communication line between the MRP and the MCR/SCC?			
Thermal Lance Cutting Equipment			
1. Is the holding of cutting equipment and oxygen cylinders in accordance with the allowance?		Fleet Upkeep	
2. Is a regular functional test carried out?			
3. Are there sufficient trained operators?			
4. Is a set stowed in the superstructure, within reach of a hatch leading between decks?			
5. Are the batteries recharged at least every 8 weeks?			
6. Is a copy of the operating instructions included in the case?			
7. Are the oxygen cylinders stowed in a correct location as near as practicable to the set?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Cutting and Spreading Equipment			
1. Is the holding in accordance with the allowance? Is the equipment in date for test?		Fleet Upkeep	
2. Is a functional test of all components regularly carried out?			
3. Are there sufficient trained operators? (completed CBRNDC 35 course).			
4. Is the equipment stowage readily accessible to the MRP?			
5. Is a copy of the operating instructions stowed with it?			
6. Are visor/goggles and heavy duty gloves stowed with it?			
Emergency Electrical Supplies			
1. Are cables and stowages correctly marked (pre T23 ships)?		Fleet Upkeep	
2. Are cables and connectors in good condition?			
3. Are portable transformers and fuse panels in good condition?			
HP Air/Hydraulic Hose Repair Kits			
1. Is the correct outfit held in accordance with BRd 2170(3)? Is the equipment in date for test?		Fleet Upkeep	
2. Is the stowage accessible to the MRP?			
Magazine Spray Systems			
1. Are manual spray valves locked and the keys available adjacent to the valves?		Fleet Upkeep	
2. Are automatic spray systems correctly set up in accordance with the operating instructions?			
3. Are spray systems identified and operating instructions clearly displayed? (white on red).			
Hangar Spray System			
1. Is the spray operating valve (or pneumatic control) locked and the key available nearby?		Audited by MCTA during MSVI	
2. Is the spray system identified and operating instructions clearly displayed? (white on red).			

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SF90 Mobile Foam Unit			
1. Is the holding of SF90s for the aviation facilities in accordance with the allowance?		Audited by MCTA during MSVI	
2. Is the foam tank correctly filled with a 6% AFFF/fresh water solution?			
3. Is the air cylinder charged to 123 bar?			
10 kg CO ₂ Extinguisher			
1. Is the holding in accordance with the allowance for the aviation facilities?		Audited by MCTA during MSVI	
2. Is the flexible hose, extending lance and removable discharge horn in good condition?			
3. Is the CO ₂ cylinder fully charged?			
Hangar Firefighting Locker			
Are the contents of the locker in accordance with BRd 2170(3)? (single spot ships).		Audited by MCTA during MSVI	
Fire and Repair Party Posts			
1. Are the locker contents and adjacent equipment itemised on checklists?		Audited by MCTA during MSVI	
2. Are locker drawers marked to show contents?			
3. Are locker keys available in a glass fronted frangible keybox?			
4. Is the whole ship incident board stowed securely and in accordance with its classification when not in use but portable when rigged? For DSAC systems; are the terminals functional?		Fleet Upkeep	
5. Does the incident board emergency lighting work?			
6. Does the incident board/DSAC systems show personnel locations at State 1?			
7. Are the following held at each post?			
Personnel muster cards.			
State 1 preparation check lists.			
State 1 dispersal plan.			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Fire and Repair Party Posts (Cont'd)			
Patrol route cards.		Fleet Upkeep	
Kill cards for compartments covered by that FRPP.			
Closing down cards for Yankee, Zulu, Alfa and Mike openings.			
8. Is there a whole ship electrical board?			
9. Is there an electrical 'underground map'?			
10. Is there a 'green line' to HQ1 (and Section Base)?			
11. Is there a working clock?			
12. Are there stowage arrangements for duplicate key boxes?			
13. Is there a visual representation of the whole ship HPSW system board?			
14. Are the patrol, leakstopping and shoring bags held in accordance with BRd 2170(3)?			
Machinery Space Damage Control (DC) Equipment			
1. Are the DC boxes and bags in accordance with BRd 2170(3)?		Fleet Upkeep	
2. Are the boxes properly secured, fully stocked iaw BRd 2170(3) and the contents available for immediate use?			
3. Are the shoring materials in accordance with BRd 2170(3), properly secured and available for immediate use?			
4. Are all eductors functional and ready for use?			
5. Where fitted, are all MMS manometers filled with water coloured with methyl orange? Where fitted, are digital manometers functional?			
6. Are signs posted at accesses detailing length of hoses required to reach extremities of compartment?			
7. Are the following held in each DC box?			
State 1 preparation cards.			
Blanket search cards.			
Fire isolation cards for adjoining main machinery spaces.			
Muster list for DC box.			
8. Is DC equipment available for use in the Tiller Flat?			

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HQ2			
1. Is the location separated from HQ1 by at least 2 main transverse bulkheads?		Audited by MCTA during MSVI	
2. Are the equipment and documentation as specified for HQ1?			
Section Bases			
Are the facilities in accordance with Para 0834 ?		Audited by MCTA during MSVI	
Alternative HQ (AHQ)			
1. Does the location give easy access to fresh air?		Audited by MCTA during MSVI	
2. Is a whole ship incident board available, with a stowage and emergency lighting? For DSAC systems, is there network connectivity?			
3. Is a full set of Kill Cards and smoke clearance plans available? (see Annex 21J).			
4. Is a HPSW system board available?			
5. Is a Damage Control ventilation board available?			
6. Is a Damage Control electrical information board available?			
7. Are the following communications available?			
Damage Control open line to HQ1, FRPPs and Ops Room.			
'Green line'.			
Main broadcast.			
Exchange telephone.			
Field telephone and cable (may be stowed in UDRFPP).			
Weapon Section Base			
1. Are WSB facilities available in accordance with Para 3818 ?		Fleet Upkeep	
2. Is an alternative WSB available in accordance with Para 0837 ?			
Orders and Publications			
1. Is the CBRNDC section of Ships General Orders in accordance with Annex 34A ?		Fleet Upkeep	
2. Is a copy of the Ships CBRNDC Orders held?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Orders and Publications (Cont'd)			
3. Are Volumes 1, 2, 3, 5 and 6 of BRd 2170 held and at the latest change state? (for the current change state, visit the Navy Publications and Graphics Organisation (NPGO) site on the Defence Intranet).		Fleet Upkeep	
4. Are the holding and custody of the CBRNDC Class Book in accordance with the CB Register?			
5. Where applicable, is the holding and custody of the Ship Stability and Survivability Book in accordance with the CB Register?			
6. Are the Stability Statement, Curves of Statical Stability and Hydrostatic Particulars up to date?			
7. Are Damage Control and CBRN posters, selected from BRd 2170(3) Para 0106, displayed around the ship?			
8. Is ATP 45 Volume 1 held, and at the latest change state?			
9. Is the BRACIS software held and available for use?			
Damage Control Organisation and Logs			
1. Is BR 9274 being used as a basis for Damage Control training? (see Annex 36C for CBRNDC Lecture Plans).		Fleet Upkeep	
2. Do the signatories regularly inspect the logs?			
3. Are recorded shortcomings being actioned by XO/MEO?			
4. Are the HFEP and SSEP organisations in accordance with Chapter 20 ?			
5. Are daily duty watch lists, detailing HFEP duties, displayed effectively?			
6. Has a Jettison Bill been produced?			
7. Are there any outstanding A&As or major defects affecting the DC and CBRN capability?			
8. Are regular HOD covered fire exercises being conducted and recorded?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Emergency Medical Facilities			
1. Are first aid posts and Secondary Medical Positions provided and clearly identified?		Fleet Upkeep	
2. Are sufficient first aid trained personnel in accordance with Chapter 13 ?			
Citadel			
1. Has a satisfactory HAT (Citadel) been completed?		Fleet Upkeep	
2. Where fitted, are all manometers filled with water coloured with Methyl Orange? Where fitted, are digital manometers functional?			
3. Are all manometers marked to show the differential pressure being measured? (eg Zone 1/Atmosphere).			
4. Is a portable digital manometer held?			
5. Are all AFUs in date for test and filter life?			
Collective Protection (COLPRO) in Non-Citadel Ships			
1. Are the COLPRO arrangements clearly defined in Ships Standing Orders? (UCPS Winterbourne or sanctuary).		Fleet Upkeep	
2. Are the material arrangements available and proven?			
3. Can the CBRNPO be accommodated in or adjacent to HQ1?			
4. Does the CBRNPO have easy access to the following: Communication to the Command Adviser, the SIRS indicating unit and the Main Broadcast?			

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CBRN Protection Officer (CBRNPO) Facilities			
Is the following documentation available to the CBRNPO?		Fleet Upkeep	
Total Dose Record Board.			
Log/Log Graph Paper.			
Stay-Time Table.			
Monitoring Route Cards (in splashproof covers).			
Radiological Monitoring and Decontamination Boards.			
Chemical State Board.			
Citadel In/Out Log.			
CBRNPO's Incident Board.			

CHECKLIST COMPLETION BY SHIPS STAFF	
Signature	
Print Name	
Rank/Rate	
Post	

AUDITED BY FLEET WATERFRONT STAFF	
Signature	
Print Name	
Rank/Rate	
Post	