

ANNEX 35A

HAT (CBRNDC) PART 1 - PRE-SSMOB CHECKS

HMS.....

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Escape Routes	MANDATORY for SSMOB/CS(F)		
1. Are all escape hatches/panels clearly identified with 'ESCAPE' on both sides and also adjacent structure with direction arrows?		Naval Command Support	
2. Are all escape hatches/panels operable from all positions, with openings/routes free from obstruction?			
3. Are portable wire ladders correctly fitted with appropriate rungs and securely connected to the deckhead?			
4. Are escape hatch handwheels fitted with extension bars? (MM/PPs only).			
5. Is there a routine for regularly proving all escape hatches?			
6. Are escape routes marked correctly and logically throughout the ship?			
7. Are handwheels, ladder rungs, operating levers and T bar operating handles painted with photoluminescent paint or marked with photoluminescent tape?			
Escape BA (EEBD)	MANDATORY for SSMOB/CS(F)		
1. Are holdings in accordance with the allowances in BRd 2170(3)?		Naval Command Support	
2. Are they distributed and stowed correctly iaw the Fire Plan?			
3. Are stowages and EEBD's numbered?			
4. Are belt worn EEBD's available for use by Command rovers?			
5. Are 'ESCAPE BA' signs posted on all EEBD stowages?			
6. Are custody, accounting and maintenance procedures correct?			
7. Have EEBD stowage straps been modified and/or centre clip broken out of the buckle?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Watertight Integrity Organisation	MANDATORY for SSMOB		
1. Is there an established watertight integrity organisation?		Naval Command Support	
2. Is the Watertight Integrity Log maintained correctly?			
3. Are ship specific instructions for the issue of 'MAY BE LEFT OPEN' tallies included inside the front cover?			
4. Are the instructions in accordance with the ships SGO/CBRNDC Orders?			
5. Are the correct numbers and types of MBLO tallies held in HQ1?			
Master CBRNDC Training and Material Assessment Log	MANDATORY for SSMOB		
1. Do the contents comply with the instructions in Annex 36C?		Naval Command Support	
2. Has the log been weeded to dispose of unwanted records?			
Harbour Watch Training Log	MANDATORY for SSMOB		
1. Do the contents comply with the instructions in Annex 36C?		Naval Command Support	
2. Has the log been weeded to dispose of unwanted records?			
3. Is the Harbour Watch Training Plan sound and up to date?			
4. Are the full range of lecture plans contained within Annex 36D available to Duty Watches?			
CBRNDC Organisation	MANDATORY for SSMOB		
1. Is the number and employment of key DC personnel in accordance with Chapter 2?		Naval Command Support	
2. Do they all have the appropriate CBRNDC qualifications?			
3. Is there an effective system for accounting for all personnel in the event of a harbour fire?			
4. Is HFEP training carried out daily, using the lesson plans in Annex 36D?		MCTA/Navy Command Support	
5. Have HFEP personnel been training in ‘the actions to be taken in the event of a fire in a main machinery space’? Are personnel competent in conducting main machinery space isolations iaw Annex 21E?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
CBRNDC Command and Control Facilities	MANDATORY for SSMOB/CS(F)		
1. Where applicable are the HQ1 (and HQ2) information boards in place as detailed at Annex 8A and are they in good condition?		MCTA	
2. Where applicable are the incident boards as large as practicable and is the symbology in accordance with Annex 8B ?			
3. Are all boards and/or DSAC terminals adequately secured?			
4. Does incident board and/DSAC terminal emergency lighting work effectively?			
5. Where boards are fitted, are there sufficient pegs, marker pens etc?			
6. Are class specific master copies of closing down cards for X, Y, Z, A and M openings held in HQ1?		Navy Command Support	
7. Is a full set of Kill Cards available in HQ1? Is there a full set of validated Main Machinery Space Isolation cards available in HQ1/SCC? Are copies held at the FRPPs? Are the cards iaw Annex 21E ?		MCTA/Navy Command Support	
8. Are class specific smoke clearance plans held and are they available in HQ1 for the OOD?		MCTA	
9. Are all headsets and/or handsets in position and have DC comms been fully checked between HQ1 and all outstations (AHQ1, WSB, AWSB and FRPPs)?			
10. Do the main broadcast microphone and alarm push operate correctly?			
11. Is the duplicate key stowage in good order and is an organisation in place for the distribution of duplicate key boxes?		Navy Command Support	
12. Is an aide memoire readily available for the OOD to cover fire/flood incidents?			
13. Is the 999 telephone system working?			
14. Is there a fluids stateboard? (see Annex 8A).			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Petrol Stowages	MANDATORY (Once Fuelled)		
1. Are fuel tanks painted grey and contents identified with 25 mm red lettering?		MCTA	
2. Are stowages marked ‘PETROL STOWAGE NO SMOKING’ in white letters on a red background?			
3. Is the remote release at least 5 m from the stowage? Is the quick release handle clearly identified?			
4. Does the mechanism appear operable? Is it in date for annual functional test?			
Flammable Gas Bottle Stowages	MANDATORY (Once Stocked)		
1. Are all bottles correctly stowed?		MCTA	
2. Are the stowages correctly marked identifying the gas?			
3. Are the spray operating valves clearly marked and operable?			
4. Are the valves locked, with the keys available (in frangible keybox) nearby?			
Smoke Curtains	HIGH PRIORITY for SSMOB/CS(F)		
1. Do the curtains meet the specification at Para 2323 ?		MCTA	
2. Do they appear to be smoke tight?			
3. Is the fabric in good condition?			
4. Can they be easily deployed and tied back?			
Galley(s)/Emergency Feeding Stations	MANDATORY (Once Operational)		
1. Can the power switches be locked OFF only?		MCTA	
2. Are the switches painted red and marked ‘SWITCH OFF IN THE EVENT OF A GALLEY FIRE’?			
3. Is the exhaust vent flap operable from outside the galley and are all operating positions clearly marked?			
4. Is a Kill Card, highlighting the position of the deep fat fryer displayed outside the door?			
5. Are Fry Fighter extinguishers sited correctly? (see Para 2311). Are AFFF extinguishers available at each galley door?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Galley(s)/Emergency Feeding Stations (Cont'd)	MANDATORY (Once Operational)		
6. Are viewing ports/spy holes fitted to doors and shutters giving a view of the deep fat fryer?		MCTA	
7. Are food/provision lift doors marked 'KEEP SHUT WHEN NOT IN USE'? Fixed FF system working if fitted?			
8. Are galley vent flaps fitted, functional and clearly marked?			
9. Are galley fan starters identified in accordance with BRd 2170(1) Chapter 3 ?			
10. Where applicable are fixed fire suppression system operating points located outside the galley clearly marked?			
Breathing Apparatus (Damage Control)	MANDATORY for SSMOB/CS(F)		
1. Are BA holdings in accordance with the Fire Plan?		MCTA	
2. Are BA lockers and spare cylinder stowages sited in accordance with the latest Fire Plan?			
3. Is there a qualified BA maintainer? Is the correct PMS held?		Navy Command Support	
4. Are all cylinders numbered correctly?		MCTA	
5. Do charged spare cylinders have the connection/caps taped over?			
6. Do nominated, correctly marked BA lockers contain SAR guidelines in accordance with Annex 21H ?			
7. Does each locker contain a self-adhesive pre-wear checklist?			
8. Does each BA have a distress alarm (horn) fitted?			
9. Does each BA have a 'set number' tally attached?			
10. Are BA control boards stowed in nominated and correctly marked BA lockers? Is a marker pen fitted?			
11. Does each locker contain a firefighters hood and anti-flash gloves and are they in good condition?			
12. Are all sets fully charged? (minimum 10 bar below max HP air system operating pressure).			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
BA Extension Equipment	MANDATORY for SSMOB/CS(F)		
1. Are the holdings in accordance with the Fire Plan?		MCTA	
2. Are the lockers correctly stowed with one 2 m extension fitted to a rescue mask and one separate 15 m extension?			
3. Are the correct instructions displayed on the inside of the locker door? (see Para 2608).			
4. Are the rescue masks clean and the hoses in good condition?			
5. Are the lockers portable?			
BA Charging Panels	MANDATORY for SSMOB/CS(F)		
1. Is there a minimum of 1 onboard fully functional BA charging point? (remaining points to be correctly tagged out).		MCTA	
2. Has the air at each functional charging point been tested and does it meet the specification for breathing air? (clean air purity certificate posted and available).			
3. Are all charging panel gauges in date for test and correctly zoned? (6 monthly starred item).			
4. Are relief valves on dedicated charging panels set correctly for the ships system? (test tally/certificate available).			
5. Are ear defenders and goggles available at each charging panel? (2 pairs of each).			
6. Is the charging hose restraining wire attached to the hose and clipped to the panel?			
7. Are detailed charging instructions and warnings displayed?			
8. Are the cylinder stowages used for recharging marked ‘ONLY TO BE USED FOR RECHARGING CYLINDERS’?			
9. Is HQ1/OOD aware of current status of all BA charging points?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
HPSW Hydrants and Softwall Hoses	MANDATORY for SSMOB/CS(F)		
1. Are all hoses the correct size and in good condition?		MCTA	
2. Where single hose baskets are fitted, are hoses correctly stowed (12 m hose faked in basket connected to hydrant and correct nozzle fitted)? Where twin baskets are fitted, are hoses correctly stowed? (6 m outer hose rolled ready for running. 12 m inner hose faked in basket connected to hydrant and correct nozzle fitted). (WARNING see Para 2211).			
3. Are the rubber seals in all female hose connections in good condition?			
4. Are valves and hydrants on the HPSW main identified in accordance with Para 0332 ?			
5. Are through bulkhead connections painted red, fitted with rubber seals and blanking caps?			
6. Is there a hose basket adjacent to all hydrants?			
7. Are the correct hose types/lengths iaw the Fire Plan?			
Nozzles	MANDATORY for SSMOB/CS(F)		
1. Are all nozzles operable through the full range of travel?		MCTA	
2. Are all nozzles stowed in the closed position?			
3. Are fixed hatch waterwall nozzles set at the correct angle and clear of obstruction?			
4. Are all FHWW fitted with operable instantaneous blanking caps bearing the same watertight and gastight markings as the parent hatches?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Centre Feed Hose Reel (CFHR)(Where fitted and operational)	MANDATORY for SSMOB/CS(F)		
Note. If a CFHR is OOA, all compartments served by it must be capable of being reached by lay flat hoses.			
1. Are all CFHR set up in accordance with Para 2225 ?		MCTA	
2 x HPSW valves fitted:			
HPSW isolating valve padlocked open.			
HPSW valve adjacent to the inductor panel shut.			
Three position selector valve set to FOAM (Mk 1) or foam/water selection lever set to FOAM (Mk 2).			
Nozzle valve shut.			
1 x HPSW isolating valve not adjacent to the inductor panel (not applicable to Mk 2):			
HPSW valve pinned open.			
Three position selector valve shut.			
Nozzle valve shut.			
2. Are all CFHR hoses, nozzles and pick up spills in good condition?			
3. Are operating instructions displayed adjacent to each CFHR?			
4. Are shaded deck plans, indicating the compartments served, displayed adjacent to each CFHR?			
5. Is the foam position clearly marked using photo luminescent tape?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Foam Making Equipment	MANDATORY for SSMOB/CS(F)		
1. Are FB5X branchpipes sited only between decks and in the UDRFPP with the spill pick ups fitted?		MCTA	
2. Are only Mk 2 FB5X branchpipes held and checked as follows:			
Pick-up suction holes clear?			
Rubber hoses not cracked, perished or distorted?			
Strainer clear?			
Pick-up spill connected to branchpipe?			
Foam mix selector set to 6%?			
Non-return valve fitted in spill pick-up coupling?			
3. Are FB10/10 branchpipes located only at the hangar/flightdeck in accordance with the FCP and checked as follows:			
Are the control vanes greased and free?			
Are they stowed under cover unless at Flying Stations?			
4. Are the caps on all AFFF drums only hand tight with an unbroken security seal?			
5. Are the holdings of AFFF drums in accordance with the allowance? Has the AFFF LIFEX date been written on the drum in indelible ink? (20 years from Date of Manufacture (DOM).			
6. Have all FBU5X inductors been stowed with a 2 m hose?			
7. Are the holdings of FBU5X inductors and associated 2 m hoses correct?			
8. Are FBU5X inductors stowed adjacent to machinery spaces?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Foam Making Equipment (Cont'd)	MANDATORY for SSMOB/CS(F)		
9. Where fitted, are AFFF storage tanks marked with 20 mm white letters on a red background stating: 'Time' MINUTES, TOTAL CAPACITY OF AFFF , the '%' CONCENTRATION of AFFF and the AFFF LIFEX date?		MCTA	
10. Are AFFF drums of the correct concentration in the correct location iaw the Fire Plan?			
Foam Tubes	MANDATORY for SSMOB/CS(F)		
1. Are the caps free and fitted with sealing washers? (to include retaining chains where applicable).		MCTA	
2. Are notices posted, stating the compartment served and the number of AFFF drums required for full bilge coverage?			
3. Are the caps engraved or notices posted to indicate the compartment served?			
4. Where deck caps are fitted, are keys sited adjacent to each one?			
5. Are AFFF drums stowed adjacent to all foam tubes?			
Portable Fire Extinguishers	MANDATORY for SSMOB/CS(F)		
1. Is the number of AFFF, dry powder, Fry Fighter and CO ₂ extinguishers in accordance with the Fire Plan and are they in date for test?		MCTA	
2. Does each extinguisher and stowage have a clearly marked, unique identification mark/number? Can this number be referenced to the SPEs LIFEX date?			
3. In compartments fitted with CO ₂ injection points, is the correct type of diffuser fitted to CO ₂ extinguishers?			
4. Are portable extinguishers fitted with safety pins, anti-tamper tags, fully charged, serviceable and in date for test?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Portable Fire Extinguishers (Cont'd)	MANDATORY for SSMOB/CS(F)		
5. Is there adequate provision of bulk AFFF for recharging extinguishers, stored separately from AFFF drum stowages?		MCTA	
6. Is the SPE recharging cylinder in date for test? (Pressurex Re-Charging cylinder - 3-7648-0000 MOP 001 UxE 5A*).			
Fixed Firefighting Systems	MANDATORY for SSMOB/CS(F)		
1. Are system valves, etc clearly identified?		MCTA	
2. In the event of fire can the compartments be closed down in accordance with the SOPs?			
3. Are operating instructions displayed and correct?			
4. Are keys/operating handles available at all operating positions?			
5. Are the visual and audible warning alarm systems functional?			
6. Are all operating positions functional?			
Gaseous Drenching Systems	MANDATORY for SSMOB/CS(F)		
1. Is the gaseous drenching system functional and intact?		MCTA	
2. In the event of fire can the compartments be closed down iaw the SOPs?			
3. Has all maintenance been carried out and records updated?			
4. Are system cylinders in date for test (8A out to maximum of 10 years).			
5. Are all manifold hoses in date for test? (BR 2000(53)(2) - 8A).			
6. Are overboard discharge and air blowthrough valves padlocked in the closed position?	If fitted, relief valve to be in date for test		
7. Does the compartment isolating valve(s) manually rotate to the open position?			
8. Are discharge nozzles clear and free from debris?			
9. Are the visual and audible warning alarm systems functional?			
10. Are warning signs posted at the entrance to compartments denoting gas used? (including gas bottle stowages).			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Gaseous Drenching Systems (Cont'd)	MANDATORY for SSMOB/CS(F)		
11. In compartments fitted with CO ₂ drench, is one ventilation flap marked 'TO BE SHUT BUT NOT CLIPPED WHEN CO ₂ DRENCHING'?		MCTA	
12. Where applicable is the back up system correct? eg water/AFFF back up to gas drench.			
13. Does the operating CO ₂ bottle have its pin out and available?			
14. Is the Halon/CO ₂ bottle store correctly identified?			
Fire Detection System	MANDATORY for SSMOB/CS(F)		
Do visual and audible warning alarms operate on activation of detectors?		MCTA	
Flood Detection System	MANDATORY for SSMOB		
Do visual and audible warning alarms operate on activation of detectors?		Navy Command Support	
FRPP Firefighters Clothing	MANDATORY for SSMOB		
1. Are the holdings iaw the Fire Plan?		MCTA	
2. Are the firefighting suits, boots and socks in good condition?			
3. Do all BA lockers contain one firefighter's hood and one pair of anti-flash gloves? Are they in good condition?			
FRPP Firefighters Helmets	MANDATORY for SSMOB		
1. Are the holdings of helmets in accordance with the Fire Plan?		MCTA	
2. Do the built-in radios and hand-held radios provide clear communications?			
Thermal Imaging Camera (TIC)	MANDATORY for SSMOB		
1. Are all TICs stowed with a spare charged battery?		MCTA	
2. Are all TIC regularly proved by a functional test?			
3. Are spare batteries readily available in either the TIC box or at the FRPPs?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Portable and Fixed Diesel and Gas Turbine Driven Pumps	MANDATORY for SSMOB/CS(F)		
1. Is the full outfit of accessories held in accordance with the pump BR, Annex 27C and Annex 27D ?		MCTA	
2. Is a functional test regularly completed?			
3. Do all suction hoses have good coupling seals?			
Portable Eductors	MANDATORY for SSMOB		
1. Are the holdings of eductors and associated accessories at each FRPP/ZCP in accordance with BRd 2170(3)?		Navy Command Support	
2. Is a functional test regularly completed?			
3. Do the suction hoses have good coupling seals?			
Indicator Test Plugs (ITP)	MANDATORY for SSMOB		
1. Are ITPs easily workable by hand and unpainted?		Navy Command Support	
2. Are leather/fibre and metal washers fitted?			
3. Do those fitted to magazines and flammable stores have a split pin fitted preventing removal?			
Electric Submersible Pumps	MANDATORY for SSMOB/CS(F)		
1. Is a 12 mm diameter lowering line spliced to each pump?		Navy Command Support	
2. Are the power cables whipped to the lowering lines?			
3. Are the WEDA pump accessories held iaw Annex 27A ?			
4. Are the pumps secured properly?			
5. Is a functional test regularly completed?			
6. Are the power sockets painted yellow and numbered in black?			
7. Are the socket interlocks effective?			
8. Are Type A or Type B adaptor leads held iaw Annex 27A ?			
9. Are all pumps in date for electrical testing in accordance with MMS? (4 monthly).			
Damage Control and Firefighting Equipment	MANDATORY for SSMOB		
1. Are the contents of FRPP lockers in accordance with BRd 2170(3)? Do the lockers have a contents list displayed and are both the lockers and lists in good condition?			

CHECKS TO BE MADE	NOTES	AUDITED BY/ REPORTED TO	ACHIEVED Y/N
Damage Control and Firefighting Equipment (Cont'd)	MANDATORY for SSMOB		
2. Is the DC equipment stowed adjacent to FRPPs in good condition and at dispersed positions in accordance with BRd 2170(3)?		Navy Command Support	
3. Is the equipment at the UDRFPP in good condition and in accordance with BRd 2170(3)?			
4. Is all electrical equipment in date for electrical testing? (Periodicity - 4 monthly motorised/6 monthly the remainder).			
5. Is the DC open line working?			
Main and Auxiliary Machinery Space Ventilation Systems	MANDATORY for SSMOB		
1. Are all MMS ventilation starters identified as per Para 0316 ?		Navy Command Support	
2. Are all machinery space HWTC/dampers and their operating mechanisms kept free from obstruction and functional?		MCTA	
3. Are all machinery space HWTC/dampers identified as per Para 0316 ?			

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