



Recompression Chamber Checklist

Updated Mar 2025

ADMINISTRATION

1. (RC01) Is a copy of BUMEDINST 6320.38D (Clinical Use of Recompression Chambers for Non-Diving Illness) available to the Diving Officer / Supervisor?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

-
2. (RC02) Is the chamber log available on station with required minimum information, reviewed and signed by the Master Diver and / or Diving Officer?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

-
3. (RC03) Is the chamber log bound and not loose leaf?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

-
4. (RC04) Is the recompression chamber pre-dive and post-dive checklist from the U.S. Navy Diving Manual used to ensure that the chamber is operational and ready for use?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

5. (RC05) Do the Operating Procedures and Emergency Procedures (OPs/EPs) reflect valve line-up and are they the most current approved revision per NAVSEA 00C diving publications?

Reference: NAVSEA 00C website

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

GAUGES

6. (RC06) Have all critical pressure gauges been calibrated in the past 24 months, portable pressure gauges in the past 18 months?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

RELIEF VALVES

7. (RC07) Have all system relief valves been tested during the last 36 months and tagged? Is the supporting objective quality evidence (OQE) on file?

Reference: NAVSEA SS521-AA-MAN-010
Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

8. (RC08) Are the installed ball (Gag) stop valves wired open and is a warning plate posted in the vicinity of each valve?

References: U.S. Navy Diving Manual
Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS

FLASKS

9. (RC09) Do flasks not permanently marked when certified have a tag affixed to the flasks with required information?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS

-
10. (RC10) Have all flasks (MILSPEC, ASME and DOT) been inspected, tested and tagged per NAVSEA procedures?

References: TM-CHENG / 05-010-SCA (ASME / MILSPEC)
Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
-

HOSES

11. (RC11) Is a hose log maintained with all required information?

References: NAVSEA TS500-AU-SPN-010

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

AIR SYSTEMS

12. (RC12) Do all system flex hoses have a tag installed with required information?

References: NAVSEA TS500-AU-SPN-010

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

13. (RC13) Are flex hoses outfitted with a properly configured strain relief as required?

References: Manufacturer's Tech Manual

System Drawings

NAVSEA TS500-AU-SPN-010

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

14. (RC14) Are strain reliefs attached to a structural member to prevent whipping in the event of hose failure?

References: NAVSEA TS500-AU-SPN-010
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

15. (RC15) Are flexible hoses proof tested prior to initial installation and inspected annually?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

INTERIOR/ EXTERIOR

16. (RC16) Have provisions been considered for effectively fighting fires?

References: TS500-AU-SPN-010
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

17. (RC17) Is the chamber equipped with flameproof bedding material?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

18. (RC18) Is the chamber free of extraneous gear and not being used as a stowage space?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

19. (RC19) Is the inside of the chamber, bilges and medical lock clean and dry?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

20. (RC20) Are personnel afforded ear protection for use inside the chamber and are they modified for use to allow equalization of pressure?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

21. (RC21) Are the chamber dogs operating and intact? Are the doors and seals undamaged? Are the seals lubricated?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

22. (RC22) Is a fire/explosion hazard warning sign prominently mounted on the outside of the chamber?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

23. (RC23) If the chamber is steel, is it painted in accordance with the U.S. Navy Diving Manual?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

24. (RC24) Does the recompression chamber have back-up lighting?

References: NAVSEA TS500-AU-SPN-010
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

25. (RC25) Does the primary and secondary communications in the chamber work both ways?

References: NAVSEA TS500-AU-SPN-010
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

26. (RC26) Is the color code and flow arrow direction on piping, correct?

References: System Drawings
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

27. (RC27) Have all valves and gauges been labeled?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

28. (RC28) Are all system components in good repair and working condition?

References: Operations and Maintenance Manual
System Drawings
Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

MED KITS

29. (RC29) Do the primary and secondary medical kits have the minimum required equipment?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

30. (RC30) Are all drugs and consumables in the primary and secondary medical kits in satisfactory condition and within expiration date?

Reference: NAVMED P-117 Manual of the Medical Department

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

31. (RC31) Are inventories performed on the primary and secondary medical kits quarterly, after each use and documented in SKED?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

32. (RC32) Does each chamber have its own primary and secondary medical kit and are they easily accessible?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

33. (RC33) If the command's mission requirements dictate the use of Advanced Life Support (ALS), do they maintain sufficient ALS medications in accordance with the current guidelines to support a cardiac event?

References: U.S. Navy Diving Manual
Current ALS Protocol
AIG 22-08

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

MAINTENANCE

34. (RC34) Are torque wrenches calibrated per local requirements and documented?

References: COMUSFLTFORCOMINST 4790.3D

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

35. (RC35) Has a Joint Tightness Test (JTT) been completed on the recompression chamber per applicable PMS?

References: U.S. Navy Diving Manual

Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

36. (RC36) Has all situational maintenance to include hygienic maintenance performed on built-in-breathing masks. Are authorized solutions used per the PMS card? Is the maintenance documented in SKED?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

37. (RC37) Is any equipment that is out of commission, out of maintenance periodicity, or otherwise unsafe, tagged out to prevent use?

References: OPNAVINST 5100.23H
OPNAV M-5100.23
S 0400-AD-URM-010/TUM
OPNAVINST 3150.27D

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

38. (RC38) Is a Preventive Maintenance System (PMS) program implemented for all diving and diving support equipment? If not, has a feedback report been submitted for all equipment not covered?

References: OPNAVINST 3120.32D
NAVSEAINST 4790.8D
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

39. (RC39) Is diving equipment serialized for tracking in SKED? Is the equipment appropriately listed in SKED on single line items?

Reference: NAVSEAINST 4790.8D

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

40. (RC40) Is maintenance correctly anchored for periodicity in SKED or tracked on a separate document (I.E. excel spread sheet, status board)?

Reference: NAVSEAINST 4790.8D

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

41. (RC41) Is the command tracking and in compliance with all active AIGs pertaining to the equipment in use?

Reference: NAVSEA 00C Guidance

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

42. (RC42) If medical equipment in addition to the minimum required equipment is used, is it on the Authorized for Navy Use (ANU) list? If not on the ANU list, has the senior Medical Officer at Navy Experimental Diving Unit been consulted prior to use in the chamber?

References: NAVSEA 00C Authorized for Navy Use (ANU)
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
-

RECOMPRESSION CHAMBER

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE: