



DIVE
RECOMPRESSION CHAMBER
(5RC)
Checklist

UPDATED July 2015

SAFETY REVIEW ITEMS - RECOMPRESSION CHAMBER

A. RECOMPRESSION CHAMBER, GENERAL

1. (A1A0) IS COLOR CODE AND FLOW ARROW DIRECTION ON PIPING CORRECT?
REF: U.S. NAVY DIVE MANUAL 21-2.8.1
NAVSEA SS521-AA-MAN-010 REV 2

C R NA UA
 Repeat
 Significant
 PMS

2. (A1C0) HAVE PROVISIONS BEEN CONSIDERED FOR EFFECTIVELY FIGHTING FIRES? (IE PORTABLE SYSTEM LOCATED INSIDE BUILDING HAS FIRE MARSHAL BEEN CONTACTED)
REF: NAVSEA SS521-AA-MAN-010 REV 2
U.S. NAVY DIVE MANUAL 21-6.2.6

C R NA UA
 Repeat
 Significant
 PMS

3. (A1D0) IS THE CHAMBER EQUIPPED WITH FLAMEPROOF BEDDING MATERIAL?
REF: U.S. NAVY DIVE MANUAL 21-6.2.6

C R NA UA
 Repeat
 Significant
 PMS

4. (A1E0) IS CHAMBER FREE OF EXTRANEIOUS GEAR AND NOT BEING USED AS A STOWAGE SPACE?
REF: U.S. NAVY DIVE MANUAL figure 21-3

C R NA UA
 Repeat
 Significant
 PMS

5. (A1E1) IS THE INSIDE OF THE CHAMBER, BILGES AND MEDICAL LOCK CLEAN AND DRY?
REF: U.S. NAVY DIVE MANUAL figure 21-14

C R NA UA
 Repeat
 Significant
 PMS

6. (A1G0) ARE PERSONNEL AFFORDED EAR PROTECTION FOR USE INSIDE THE CHAMBER AND ARE THEY MODIFIED FOR USE TO ALLOW EQUALIZATION OF PRESSURE?

REF: U.S. NAVY DIVE MANUAL Figure 21-13

C R NA UA
 Repeat
 Significant
 PMS

7. (A1I0) ARE THE CHAMBER DOGS OPERATING AND INTACT? ARE DOORS, SEALS UN DAMAGED, AND ARE THE SEALS LUBRICATED?

REF: U.S. NAVY DIVE MANUAL 21-5.2

C R NA UA
 Repeat
 Significant
 PMS

8. (A1L0) IS A FIRE/EXPLOSION HAZARD WARNING SIGN PROMINENTLY MOUNTED ON THE OUTSIDE OF THE CHAMBER?

REF: U.S. NAVY DIVE MANUAL 21-6.2.6

C R NA UA
 Repeat
 Significant
 PMS

9. (A1M0) IF THE CHAMBER IS STEEL, IS IT PAINTED IN ACCORD WITH NAVY DIVE MANUAL?

REF: U.S. NAVY DIVE MANUAL 21-6.2.3 through 21-6.2.5

C R NA UA
 Repeat
 Significant
 PMS

10. (A1M1) HAS AN AIR SAMPLE BEEN TAKEN FROM THE AIR CHAMBER INTERIOR TO ENSURE THAT NO UNDESIRABLE OFF GASSING OR CONTAMINATION HAS OCCURRED? ACCOMPLISHED ON ALL STEEL CHAMBERS AFTER ANY INTERIOR PAINTING HAS BEEN DONE, AND ALL CHAMBERS AFTER OVERHAUL OR REWORK.

REF: NAVSEA SS521-AA-MAN-010 REV 2 5-2

C R NA UA
 Repeat
 Significant
 PMS

11. (A1M2) HAS CHAMBER BEEN PRESURE TESTED AND RECORDED IN LAST TWO YEARS?

REF: U.S. NAVY DIVE MANUAL 21-6.2

Applicable PMS

C R NA UA
 Repeat
 Significant
 PMS

12. (A1M4) IS CHAMBER LOG AVAILABLE ON STATION WITH REQUIRED MINIMUM DATA, REVIEWED AND SIGNED AFTER WATCHES BY DIVING OFFICER AND OR MASTER DIVER?

REF: U.S. NAVY DIVE MANUAL 5-5

C R NA UA

Repeat

Significant

PMS

13. (A1O1) IS THE RECOMPRESSION CHAMBER PREDIVE AND POSTDIVE CHECKLIST FROM US NAVY DIVE MANUAL BEING USED TO ENSURE THAT THE CHAMBER IS OPERATIONAL AND READY FOR USE?

REF: NAVSEA SS521-AA-MAN-010

U.S. NAVY DIVE MANUAL ch 21 fig 21-13, 21-14

C R NA UA

Repeat

Significant

PMS

14. (A1R0) DOES THE RECOMPRESSION CHAMBER HAVE BACK-UP LIGHTING?

REF: NAVSEA SS521-AA-MAN-010

C R NA UA

Repeat

Significant

PMS

15. (A1Z0) ARE THE INSIDE TENDERS QUALIFIED IAW MILITARY DIVER PQS?

REF: NAVEDTRA 43910 SERIES (Military Divers)

C R NA UA

Repeat

Significant

PMS

B. MAINTENANCE

16. (A2C0) ARE THE INSTALLED BALL (GAG) STOP VALVES WIRED OPEN AND IS A WARNING PLATE POSTED IN THE VICINITY OF EACH VALVE?

REF: Applicable PMS

U.S. NAVY DIVE MANUAL

NAVSEA SS521-AA-MAN-010

C R NA UA

Repeat

Significant

PMS

17. (A2E0) ARE CRITICAL GAGES CALIBRATED EVERY 24 MONTHS? (I.E. DEPTH, DIVERS MANIFOLD PRESSURE GAGES, FINAL OUTLET (DISCHARGE) PRESSURE GAGES (SCUBA CHARGING, H.P., M.P., L.P., AIR, OXYGEN, MIXED GAS, COMPRESSOR OUTLET) AND TEST EQUIPMENT GAGES.

REF: Applicable PMS

C R NA UA

Repeat

Significant

PMS

18. (A2H0) HAVE ALL VALVES AND GAUGES BEEN LABELED?

REF: U.S. NAVY DIVE MANUAL

C R NA UA

Repeat

Significant

PMS

19. (A4E0) ARE FLEXIBLE O2 HOSES PROOF TESTED PRIOR TO INITIAL INSTALLATION AND INSPECTED ANNUALLY?

REF: Applicable PMS

C R NA UA

Repeat

Significant

PMS

20. (A5A0) DOES THE PRIMARY AND SECONDARY COMMUNICATIONS IN THE CHAMBER WORK BOTH WAYS?

REF: NAVSEA SS521-AA-MAN-010

U.S. NAVY DIVE MANUAL

C R NA UA

Repeat

Significant

PMS

RECOMPRESSION CHAMBER

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE:

| Q # | Question | Result | Sig | Rep | PMS |
|-----|----------|---------|-----|-----|-----|
| 1 | 5RCA1A0 | C R N U | | | |
| 2 | 5RCA1C0 | C R N U | | | |
| 3 | 5RCA1D0 | C R N U | | | |
| 4 | 5RCA1E0 | C R N U | | | |
| 5 | 5RCA1E1 | C R N U | | | |
| 6 | 5RCA1G0 | C R N U | | | |
| 7 | 5RCA1I0 | C R N U | | | |
| 8 | 5RCA1L0 | C R N U | | | |
| 9 | 5RCA1M0 | C R N U | | | |
| 10 | 5RCA1M1 | C R N U | | | |
| 11 | 5RCA1M2 | C R N U | | | |
| 12 | 5RCA1M4 | C R N U | | | |
| 13 | 5RCA1O1 | C R N U | | | |
| 14 | 5RCA1R0 | C R N U | | | |
| 15 | 5RCA1Z0 | C R N U | | | |
| 16 | 5RCA2C0 | C R N U | | | |
| 17 | 5RCA2E0 | C R N U | | | |
| 18 | 5RCA2H0 | C R N U | | | |
| 19 | 5RCA4E0 | C R N U | | | |
| 20 | 5RCA5A0 | C R N U | | | |