# SURVEY
# SYSTEM CERTIFICATION REQUIREMENTS/GUIDELINES
# FOR SHOREBASED RECOMPRESSION CHAMBERS
# AND SURFACE SUPPORTED DIVING SYSTEMS

**COMMAND**_____ **SURVEYOR**_____

**SYSTEM**_____ **DATE**_____ **MDV/DIVE SUP REVIEW**_____

| **SECTION I - GENERAL** **DATE: / /** | **YES** | **NO** | **N/A** |
|---|---|---|---|
| 1. Has the PSOB for Standard U.S. Navy Surface Supported Diving Systems been submitted to and approve by NAVFAC SCA? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 2 Para. 2-2.3)* | | | |
| 2. Has the PSOB for Standard U.S. Navy Recompression Chamber Systems been submitted to and approved by NAVFAC SCA? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 2 Para. 2-2.3)* | | | |
| 3. Has the PSOB for the Escape Training Facility been submitted to and approved by NAVFAC SCA? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 2 Para. 2-2.3)* | | | |
| 4. Has there been modifications to the system since the last certification survey? *(System PSOB, Page 1)* | | | |
| 5. Are the primary and secondary air/gas systems clearly defined in the PSOB? *(USNDM Vol. 2 Chpt. 8 Para 8-7.2 for SSDS, Chpt. 21 Par 4 for RCC)* | | | |
| 6. Are the drawings for all equipment within the Scope of Certification up to date reflecting the current "as-built" configuration? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 2 Para. 2-2.3 & Chpt. 3 Para. 3-2.8)* | | | |
| 7. Does the Scope of Certification adequately define the boundaries and differentiate between in-scope and out-of-scope equipment? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 2 Para. 2-2.1)* | | | |
| 8. Is the Operation and Maintenance Support Information available for review? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 3 Para. 3-8)* | | | |
| 9. Is all Scope of Certification documentation, including schematics, Joint Identification Drawings and Objective Quality Evidence organized and available for NAVFAC SCA review? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 2 Para. 2-2.1)* | | | |
| 10. Do systems drawings identify all functional components by type, material, part or piece number, etc. and are designation numbers for components shown on the schematics? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 3 Para. 3-2.8)* | | | |
| 11. Do adequate Operating Procedures (OP's) and Emergency Procedures (EP's) exist for system line up and operation and have they been approved by NAVFAC SCA? *(USNDM Vol. 2 Chpt. 8 Para 8-7.2.1, USNCERTMAN SS521-AA-MAN-010 Chpt 3 Para. 3-6)* | | | |
| 12. Do the OP's state the maximum and minimum operating pressures for the HP flasks? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 Para. 3-2.6)* | | | |
| 13. Have Re-Entry Control Procedures (REC) been officially established in writing? *(USNCERTMAN SS521-AA-MAN-010 App. A-5)* | | | |
| 14. Is REC procedure being followed and a log kept? *(USNCERTMAN SS521-AA-MAN-010 App. A-1)* | | | |
| 15. Are the air/gas systems and recompression chamber adequately covered by PMS? If not, has an FBR been submitted? *(USNCERTMAN SS521-AA-MAN-010 Chpt. 3 Para. 3-7)* | | | |
| 16. Are air samples taken every six months and are the sample reports available for review? *(USNDM Chpt. 4 Para. 4.1)* | | | |
| 17. Is documentation available verifying that all diver's breathing gas meets the required purity standards? *(USNDM Vol. Chpt. 4 Para. 4.3.1 to Para. 4.3.4 )* | | | |
| 18. Are lines and pipe runs free from chafing or vibrating against hard edges and free from excessive vibration? | | | |

| SECTION I - GENERAL DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 19. Is maintenance being performed on DLSS compressors and is and equipment operating log being kept up to date? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 Chpt. 2 Para. 2.6.3.1 and Chpt. 3 Para. 3.7)* | | | |
| 20. Is air compressor suction located so as to avoid contamination or exhaust fumes? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-14.3.1.a & USNDM Vol 2, Chpt. 7, Para. 4.4.1)* | | | |
| 21. Is there a filter installed between the compressor air intake either at the weather deck end or prior to the line entering the compressor? *(NSTM Chap. 551 Para. 1.3.1 &1.3.2)* | | | |
| 22. Is MIL-L-17331, 2190 TEP (normal operation), MIL-L-17672, 2135 TH (cold weather), or NAVFAC approved lubrication oil being used in the compressors? (Anderol 500, 750) exception to this is during warrenty period of the compressor. (Hydrocarbon based oil is not authorized for use in breathing air compressors) *(USNDM Vol. 2 Chpt. 8 Para. 8.2.2.4 and MIP5921/063, R-2)* | | | |
| 23. Is there a back pressure regulator installed between the compressor outlet and the accumulator for compressors with a discharge pressure over 1000 PSIG? The BPR must also hold back pressure on the filtration system when not in use. *(USNDM Vol. 2 Chpt. 8 Para. 7.2.2.8)* | | | |
| 24. Is there a gauge and relief valve downstream of the compressor, that are within calibration periodicity? *(MIP 5921/063, 5921/032)* | | | |
| 25. Are compressor purification filter housings within PMS VIP inspection requirements? *(PMS, MIP 5921/063)* | | | |
| 26. Are moisture separators within PMS recertification test/inspection requirements? *(NSTM Chpt. 551 Para. 1.14.1.1.b & PMS MIP 5921/34)* | | | |
| 27. Are all permanently installed air/gas flasks within PMS inspection requirements as defined by NAVFAC TM-CHENG? *(TM-CHENG-05-010-SCA)* | | | |
| 28. Are all Department of Transportation (DOT) type cylinders (K & J type bottles) within the DOT hystrostatic test date requirements? *(Code of Federal Regulations Chpt. 1 Vol. 49 Sect. 173.34)* | | | |
| 29. Are HP air/gas flasks stowed so there is easy access for inspection and bleed off of accumulated moisture? On horizontal flasks verify dip tube arrow is pointed down. *(UFC 4-159-01N Chpt. 6 Section 2.5)* | | | |
| 30. Are air/gas volume tanks and pressure vessels designed in compliance with Mil-Specs ASME standards or other recognized specifications? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-4)* | | | |
| 31. Have air/gas volume tanks been inspected/tested IAW TM-CHENG? *(TM-CHENG-05-010-SCA)* | | | |
| 32. Is there relief valve protection for all volume tanks (including chamber relief) with a set pressure at or below Maximum Allowable Working Pressure (MAWP)? *(TM-CHENG-05-010-SCA)* | | | |
| 33. Is there relief valve protection downstream from all pressure reducing stations? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-10.3b)* | | | |
| 34. Are all relief valves set at 110% of Maximum Operating Pressure not to exceed Maximum Allowable Working Pressure of the vessel or system it is protecting? *(National Board Inspection Code RB-8000 & TM-CHENG-05-010-SCA)* | | | |
| 35. Are the relief valves tagged with the pressure setting, date set and testing activity? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B-14.3.4)* | | | |
| 36. Do all ASME vessels have ASME relief valve protection that have been tested IAW TM-CHENG? *(TM-CHENG-05-010-SCA)* | | | |
| 37. Have all non-ASME relief valves been tested within the past 3 years? *(TM-CHENG-05-010-SCA)* | | | |
| 38. Are relief valves (except chamber relief valves) installed so they cannot be isolated from the system they are protecting? *(ASME B31.1 Para. 122.6.1 (A))* | | | |
| 39. Are gauges calibrated to current Navy Standards? *(USNDM Vol. 5 Chpt. 21 Para. 2-8.3)* | | | |

| SECTION I - GENERAL DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 40. Are all critical installed system gauges within calibration? (critical gauges shall include those gauges used to record pressure in OP's/EP's) *(MIP 5921/020 USNDM Vol. 5 Chpt. 21 Para. 21-2.8.3)* | | | |
| 41. Are all gauges labeled, adequately supported, provided with isolation valves and mounted to allow for "blowout plug" operation? *(USNDM Vol. 1 Chpt. 4 Para. 4-6.1)* | | | |
| 42. Are valves, check valves, moisture separators, filters and regulators installed so that gas flow is in the direction of the flow arrows or inlet and outlet legends marked on the device? *(UFC 4-159-01N Chpt. 5 Section 7)* | | | |
| 43. Are all valves and functional components identified with a label plate bearing the system designation number as it appears on the drawing? *(UFC 4-159-01N Chpt. 5 Section 7 and System Drawings)* | | | |
| 44. Are all valve handwheels color coded, including where there is multiple service? *(NSTM Chpt. 505 & USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-10.1, USNDM Vol. 5 Chpt. 21 Para. 21.2.8.1)* | | | |
| 45. Are all system valves and controls readily accessible? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-13)* | | | |
| 46. Are all lines and piping runs labeled, color coded (including where there is multiple service) and provided with flow direction arrows? *(NSTM Chpt. 505 & USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-10.1)* | | | |
| 47. Are lines adequately supported with pipe clamps/brackets and are they protected from external forces when in an exposed location? *(UFC 4-159-01 Chpt. 5 Section 4.2 & ASME B31.1 Para. 121)* | | | |
| 48. Are reducing stations provided with an emergency bypass or is there a second reducer installed in the system? *(USNCERTMAN SS521-AA-MAN-010 App. B Para. B-10.3)* | | | |
| 49. Are there Lanyarded dust caps on charging connections, manifold outlets, interface hose connections, and divers umbilical hoses when not in use? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-10.3)* | | | |
| 50. Are all components (filters, volume tanks, flasks, moisture separators, moisture traps, divers air manifold, etc.) that trap condensed water or oil mist provided with drain valves? *(NSTM Chpt. 551 Para. 551-1.7.1 & UFC 4-159-01 page 249)* | | | |
| 51. On a system without its own air compressor, is there a moisture separator, filter and relief valve installed at the charging connection? or is it covered by OP's? *(UFC 4-159-01 page 271)* | | | |
| 52. For 5000 PSI compressors used for charging 3000 PSI systems: Are relief valves in place to prevent over pressurization? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-14.3.4)* | | | |
| 53. Are there provisions for lighting of diving control stations for night operations? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-10.8)* | | | |
| 54. Are there Silicon Aluminum Bronze union nuts located in the system? If so, when were they last inspected? *(NAVFAC SCA Technical Action Request)* | | | |
| 55. Are HP hoses with quick disconnects provided with strain reliefs in applications where they may be subject to mechanical loading or if their failure would cause personnel injury or equipment damage? *(USNDM Chapt. 7 Para. 7-4.3 & Fig 6-21)* | | | |
| 56. Are flexible hoses used for oxygen service of an approved type? (Teflon Lined?) *(ASME PVHO-1 Section 4)* | | | |
| 57. Have flex hoses been proof tested to twice the Maximum System Operating Pressure? *(S6430-AE-TED-010 Para. 8.2)* | | | |
| 58. Do wire braded hoses have less than 20 random or 4 adjacent wires that are broken? *(S6430-AE-TED-010 Para. 10.2)* | | | |
| 59. Are rubber flex hoses within their 12-year service life? *(S6430-AE-TED-010 Chpt. 11 Para. 4)* | | | |
| 60. Does the facility have adequate power supply to the chamber system, including standby and applicable emergency power? *(UFC 4-159-01 Chapt. 9 Section 2)* | | | |
| 61. Has ashore command established additional procedures to isolate hazardous energy in performing Lock-out/Tag-out? *(NAVSEA Diving Advisory 12-04)* | | | |

| SECTION I - GENERAL DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 62. If equiped, is the certification of the Diver's hoist or Free Acent Tower platform current? *(Navy Crane Center NAVFAC P-307 or P-300)* | | | |
| 63. Are compressor air intakes located external of building and protected against weather, debri, and insects/birds? *(UFC 4-159-01 Chapt. 6 Section 2)* | | | |
| 64. Is oxygen vented outside of the building? *(UFC 4-159-01 & NFPA-99 Chapters 5 & 14 )* | | | |

| SECTION II - SURFACE SUPPORTED DIVING SYSTEMS (AIR/MIXED GAS) DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 1. Is the primary air/gas system capable of supporting the maximum number of divers (both pressure & flow) during the most imposing dive specified in the PSOB? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 Chpt. 2 Para. 2-2.3 and PSOB NAVFAC P-1045)* | | | |
| 2. Is the secondary air/gas system capable of supporting the maximum number of divers (both pressure & flow) on an ascent from the most imposing dive specified in the PSOB if the primary system fails at the "worst case" time? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-13.1.2, USNDM Vol. 1 Rev. 3 Chpt. 6 Para. 6-7.2 & Vol 2 Chpt. 11 Para. 11.2.6)* | | | |
| 3. Is a Diver's Umbilical Hose Record Log maintained with all required information? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-9.3)* | | | |
| 4. Are all air/gas systems filtered before reaching the diver? *(USNDM Vol. 2 Chapt. 8 Para. 8-7.2.2.7 and Para. 8-7.2.3)* | | | |
| 5. Are all Surface Supported Diving helmets and masks used in the system Navy approved and listed in the PSOB? *(USNDM Vol. 2 Chapt. 8 and AMU)* | | | |
| 6. Do Surface Supported Diving Communications work properly? *(USNDM Vol. 2 Chapt. 8 Para. 8-8)* | | | |
| 7. Does primary communications have battery backup? *(USNDM Vol. 2 Chapt. 8 Para. 8-8)* | | | |
| 8. Are there back up communication if primary communications fail? *(USNDM Vol. 2 Chapt. 8 Para. 8-8)* | | | |

| SECTION III - RECOMPRESSION CHAMBER DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 1. Do calculations confirm the primary air system has sufficient air to support the most demanding chamber operation prescribed by the Dive Manual, as described in the PSOB? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 Chpt. 2 Para. 2-2.3 and PSOB NAVFAC P-1046)* | | | |
| 2. Do calculations confirm the secondary air system has sufficient air to support the most demanding chamber operation prescribed by the Dive Manual, as described in the PSOB? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 Chpt. 2 Para. 2-2.3 and PSOB NAVFAC P-1046)* | | | |
| 3. Do rates of pressurization for Inner/Outer Lock meet the minimum rates? *(USNDM Vol. 2 Chpt. 9 Para. 9-6.2 and 9-6.3)* | | | |
| 4. Has interior of chamber been painted since last survey?<br>a. If chamber has been painted, was a NAVFAC approved painting procedure used? | | | |
| 5. Has an air sample been taken from the chamber interior to ensure that no undesirable off gassing or contamination has occurred? (Accomplished on steel chambers after any interior painting has been done, and on all chambers after overhaul or rework. Sample should also be taken if contamination is suspected.)<br>If painted, use NAVSEA-OOC3-P1-001 paint instruction for sample - if not painted, use regular sample. *(USNDM Vol. 5 Chpt. 21 Para. 21-6.2.4, Carboguard 890H MSDS)* | | | |
| 6. Has chamber been pressure tested within the last two years? *(USNDM Rev. 6 Figure 21-15)* | | | |
| 7. Is the material in the oxygen system, including valves, piping, fittings, gages, hoses, lubricants and software of approved material? *(USNCERTMAN SS521-AA-MAN-010 Rev 1 App. B Para.10.5)* | | | |

| SECTION III - RECOMPRESSION CHAMBER DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 8. Are sufficient oxygen cylinders on station and can cylinders be readily connected and removed from the system while oxygen is in use? *(USNDM Rev. 6 Fig 21-10)* | | | |
| 9. Does each installed BIBS mask have an isolation valve or quick disconnect? *(Chamber Design Drawings & USNDM Vol. 5 Chpt. 21 Para. 2.8)* | | | |
| 10. Are chamber BIBS masks operating properly with adequate flow rates and no leaks? *(USNDM Vol. 5 Chpt. 21 Para. 2.1 & 2.8)* | | | |
| 11. Are chamber relief valves set not to exceed the maximum allowable working pressure (MAWP) of the vessel and tagged with pressure setting, date set and testing activity? *(TM-CHENG-05-010-SCA)* | | | |
| 12. Are ball-type gag valves installed between the chamber and chamber relief valve? *(USNDM Vol. 5 Chpt. 21, Para. 5-3.4)* | | | |
| 13. Are these valves lock-wired in the open position with light (frangible) wire? *(USNDM Vol. 5 Chpt. 21, Para. 5-3.4)* | | | |
| 14. Is the relief valve gag valve warning plate affixed to the valve or to the chamber in the vicinity of the inner/outer lock relief valves? *(USNDM Vol. 5 Chpt. 21, Para. 5-3.4)* | | | |
| 15. Are all valves, including exterior oxygen control valves for the inner and outer locks readily accessible? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-13)* | | | |
| 16. Are viewports free of chips, cracks, discoloration, crazing, or other defects? *(NAVSEA/NAVFAC-OOC3-PI-006 REV A)* | | | |
| 17. Are acrylic viewports less than 20 years old? (Age is determined from date of fabrication, unless storage authorization has been issued by NAVFAC SCA) | | | |
| Are the following forms available for new viewports? | | | |
| a. Form PVHO-2 Fabrication Certification for Acrylic Windows | | | |
| b. Appendix A Enclosure 2 Material Manufacturer's Certification for Acrylic | | | |
| c. Appendix A Enclosure 3 Material Testing Certification for Acrylic | | | |
| d. Appendix A Enclosure 4 Pressure Testing Certification | | | |
| *(NAVSEA/NAVFAC-OOC3-PI-006 REV A)* | | | |
| 18. Are the viewports being inspected/documented every three years? *(NAVSEA/NAVFAC-OOC3-PI-006 REV A)* | | | |
| 19. Viewports have an initial ten-year service life from date of manufacture. Have viewports older than ten years been removed and inspected to extend their service life? Is this documentation available for review? *(NAVSEA/NAVFAC-OOC3-PI-006 REV A)* | | | |
| 20. Do the doors close properly and align with the sealing surface? If not, verify that the hinge and swing arm bolts are tight and locked. This includes any medical locks. *(USNDM Vol. 5, Chpt. 21, Fig. 21-14)* | | | |
| 21. Are the safety interlocks working properly on the medical/service lock? *(UFC 4-159-01 Chpt. 3 Section 2)* | | | |
| 22. Are inner and outer lock door gaskets free of cracks, deterioration and excessive adhesive on gasket butt joint? *(USNDM Vol. 5, Chpt. 21 Fig 21-14)* | | | |
| 23. Are all door dogs, or other type installed door securing devices removed or in good operational condition? *(USNCERTMAN-SS521-AA-MAN-010 App. B Para. B-6.4, USNDM Vol. 1 Rev. 3 App. D Para. D-5.2 & Pg. D-10 & SS500-AW-MMM-010 Chpt. 3 Para. 303.1)* | | | |
| 24. For chamber doors with locking devices (i.e. submarine dog, or similar) do they work with ease and within engagement limits? *(UFC 4-159-01 Chpt. 3 Section 2)* | | | |
| 25. Is interior wiring properly supported and adequately protected so that it cannot be damaged or used for hand-holds? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-11.2)* | | | |
| 26. If applicable, are interior lamps provided with 40 watt bulbs to prevent overheating? *(USNDM Vol. 1 Rev. 3 App. D Pg. D-2)* | | | |
| 27. Is emergency lighting available for operators and to illuminate inside the chamber? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-11.10 & USNDM Vol. 5 Chpt. 21 Para. 2-8.6)* | | | |
| 28. Do primary (open speaker/headsets) and secondary communications systems in both the inner and outer locks work properly? *(USNCERTMAN SS521-AA-MAN-010 Rev. 1 App. B Para. B-11.10 & USNDM Vol. 5 Chpt. 21 Para. 2-8.5)* | | | |

| SECTION III - RECOMPRESSION CHAMBER DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 29. Are matress, bedding and clothing of approved fire resistant material, and are unauthorized flammable materials excuded? *(USNDM Vol. 5 Chpt. 21 Para. 6-2.6)* | | | |
| 30. Is the "Fire/Explosion Hazard" warning sign posted at or in very close proximity to the chamber entrance door? *(USNDM Vol. 5 Chpt. 21 Para. 6-2.6)* | | | |
| 31. Are aural protectors present in the chamber and do they have equalization holes drilled in each ear piece? *(USNDM Vol. 5 Chpt. 21 Fig. 21-13)* | | | |
| 32. Is there an approved means of extinguishing a fire in the interior of the chamber? *(USNDM Vol. 5 Chpt. 21 Para. 6.2.6.1)* | | | |
| 33. Is there an independant emergency breathing apparatus/system for all occupants within the chamber and for the designated operators outside the chamber? *(UFC 4-159-01 Chpt. 8 Para. 6)* | | | |
| 34. Are chamber bilges and medical lock clean and dry? *(USNDM Vol. 1 Rev. 3 App. D Pg. D-16)* | | | |
| 35. Are all penetrators (including drain plugs) free of corrosion? *(USNDM Vol. 5 Chpt. 21 Para. 6-2.6)* | | | |
| 36. Are deck plates properly secured? *(USNDM Vol. 5 Chpt. 21 Fig. 21-14 and UFC 4-159-01 Chpt. 3 Section 3)* | | | |
| 37. Are the exhaust ports guarded to prevent injury on decompression or venting and are they free from sharp edges and burrs? *(USNDM Vol. 5 Chpt. 21 Para. 2.8.2)* | | | |
| 38. Are DLSS maintenance workers that work on O2 systems qualified O2 cleanliness workers and are qualification records available to SCA for review? *(USCERTMAN SS521-AA-MAN-010 Chapt. 3 Para. 3.9 and MILSTD 1330 Chpt. 5 Para. 14.3)* | | | |
| 39. Are O2 clean workders re-qualified every three years? (MIL-STD 1330 Chapt. 5 Para. 14.3) | | | |
| 40. Has the scrubber Delrin mounting plates been replaced with mounting plates made of stainless steel? This affects only HYTECH model 3.80.1918? *(AIG 12-08)* | | | |
| 41. Has the stainless steel filter assembly been raplaced with one made of brass/bronze for oxygen systems? *(AIG 09-09)* | | | |
| 42. In chambers with the modernization alteration installed, do the following listed components operate properly: | | | |
| a. heater/chiller unit? | | | |
| b. carbon dioxide scrubber? | | | |
| c. oxygen analyzer? | | | |
| d. carbon dioxide analyzer? | | | |
| e. thermometer? | | | |
| f. Canty light intensity controls? | | | |
| g. GFI and UPS *(USNDM Vol. 5 Chpt. 21 Para. 2.2)* | | | |
| 43. Is the chamber properly grounded? *(UFC 4-159-01 Chpt. 9 Section 3.3)* | | | |
| 44. Has FES system been tested in accordance with PMS requirements? *(PMS MIP 5921/176)* | | | |

| SECTION IV - SYSTEM REPAIR DATE: / / | YES | NO | N/A |
|---|---|---|---|
| 1. Are Air, Oxygen HP/LP joint tightness tests being conductd to system Maximum System Operating Pressure (MSOP)? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 App. A-7.1.7 and Figure 7)* | | | |
| 2. Have new components, i.e. valves, pressure regulators, relief valves etc., been tested to 1.5 MSOP? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 App. A-7.1.9 and Figure 9)* | | | |
| 3. Have new/refurbished valves been seat tightness tested to MSOP? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 App. A-7.1.8 and Figure 8)* | | | |
| 4. Has an overhaul assessment been conducted on systems over ten years old? *(USNCERTMAN SS521-AA-MAN-010 Rev. 2 Chapt. 5 Para. 5-3.1)* | | | |

| SECTION V - MISCELLANEOUS QUESTIONS DATE: / / | YES | NO | N/A |
|---|---|---|---|
| Have you been getting AIGs and Diving Advisories? (If you have, what would you like to see in future issues?) | | | |
| What do you like least about Certification? What changes would you like to see? | | | |
| What can we do at NAVFAC to help make things better? | | | |
| Is the Navy supplying the right kind of equipment (i.e., diving rigs, HP compressors, helmets, hoses, HP systems)? If not, what would you like to see? | | | |