



5830
12 Oct 2006

MEMORANDUM

From: [REDACTED] LCDR
MSST Seattle (91101)

Reply to
Attn of:

To: File

Subj: REQUEST FOR SCUBA TANK AIR RE-SUPPLY RECORDS

Ref: (a) Phoncon with LCDR [REDACTED] on 11 Oct 06

1. On 11 October 2006, while deployed to the Port of Olympia, I received a telephone call from LCDR [REDACTED] concerning a request for copies of portions of the logbook used by the Maritime Safety and Security Team Seattle Dive team to record information related to re-filling scuba air tanks using the unit's air compressor. Specifically, he requested copies of the log book covering the March and April 2006 time frame. Copies of those pages are included as enclosure (1).
2. On 12 October I examined the log and found entries indicating that tanks H1 - H6 were filled by my unit on 16 March 2006. I verified with the person who initialed the log, MK1 [REDACTED], that he had jammed tanks for CGC Healy.
3. In addition to the information requested, I also provided information pertaining to the safety and maintenance of my unit's dive program and air compressor. Enclosure (2) is a copy of MSST Seattle's last Diving Program Safety Survey Visit.¹ The report for the visit did not note any major discrepancies, and advised that "... [the] survey showed your dive team administrative procedures and training program in outstanding condition."
4. Enclosure (3) contains copies of the Laboratory Analyses Reports for Compressed Air Quality Testing for the period 2004 to date. These reports are a requirement of the Diver Air Sampling Safety Program (DASP). Although this is only an annual requirement, MSST Seattle has these done semi-annually.

¹ Note: Although this report indicates that the next Safety Survey visit would be conducted in August 2006, GOCU did not conduct the visit. August 2005 was the most recent visit.

ENCLOSURE(152)

PAGE 1 OF 26 PAGES.

6,7c

Subj: REQUEST FOR DESIGNATION AS BOARDING
OFFICER (CERTIFIED ASHORE)

5350

11 Aug 2006

5. Enclosure (4) consists of copies of receipts for air compressor maintenance. This is an annual requirement. The receipts indicate maintenance was performed in August 2005 and September 2006.

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Enclosures: (1) Copies of MSST Seattle Tank Jamming Log for the period Dec 05 to Oct 06
(2) Copy of Diving Program Safety Survey Visit Report dtd 23 Aug 05
(3) Copies of DASP Lab Analysis Reports
(4) Copies of receipts for Air Compressor maintenance

Copy: LCDR [REDACTED]

6,7c

DATE	TANK #	COLD PSI	VIP DATE	SIGNATURE
12/13	15	3700	12/13	II
12/13	14	3700	12/13	A
01/06	19	3500	01/06	D
01/06	20	3600	01/06	D
01/06	06	3700	01/06	II
01/06	07	3400	01/06	A
01/06	04	3400	01/06	II
01/06	01	3400	01/06	II
02/03/06	WHITE	3700	02/03/06	II
02/03/06	15	3600	02/03/06	II
02/03/06	14	3600	02/03/06	II
02/03/06	08	3600	02/03/06	II
03/02/06	04	3600	03/02/06	NCV
03/02/06	09	3600	03/02/06	NCV
03/02/06	05	3600	03/02/06	NCV
03/02/06	14	3600	03/02/06	NCV
03/05/06	17	3600	02/06	NCV
03/05/06	13	3600	03/05/06	NCV
03/08/06	08	3800	03/08/06	NCV
03/08/06	07	3600	03/08/06	NCV
03/08/06	15	3600	03/08/06	NCV
03/08/06	L	3600	03/08/06	NCV
03/16/06	H1	3500	02/04	R
03/16/06	H2	3600	02/04	R
03/16/06	H3	3500	02/04	R
03/16/06	H4		02/04	R
03/16/06	H5		02/04	R
03/16/06	H6		02/04	R

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02/04 PAGE 3 OF 26 PAGES.

ENCLOSURE (1)

DATE	TANK #	COLD PSI	VIP DATE	SIGNATURE
20 MAR 04	07	3600	11/04	
	05	3500		
	19	3600		
	13	3600		
	04	3600		
	03	3500		
	02	3500		
	09	3500		
20 MAR 04	15	3600	11/04	
	06	3600		
	11	3600		
20 MAR 04	20	3600	11/04	
23 MAR 05	07	3600	11/04	
	14	3600		
23 MAR 05	14 14	3600	11/04	
	06	3550		
21 MAR 05	14	3400	11/04	
	14	3400		
	10	3400		
24 MAR 05	07	3400	11/04	
	01	3600		
07 APR 06	05	3600	11/04	
	08	3600		
	12	3600		
	13	3700		
	10	3400		
	02	3400		
19 APR 06	12	3000	11/04	
	02	3400		

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U.S. Department of
Homeland Security

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W.
Washington, DC 20593-0001
Staff Symbol: G-OCU-3
Phone: (202) 267-1063
Fax: (202) 267-4415

3150

MEMORANDUM

From: [REDACTED]
COMDT (G-OCU)

Reply to: G-OCU-3
Attn of: LT [REDACTED]
x7-1063

To: MSST SEATTLE (91101)

Subj: DIVING PROGRAM SAFETY SURVEY VISIT

Ref: (a) Coast Guard Diving Policies and Procedures Manual, COMDTINST M3150.1B

1. A Diving Program Safety Survey was conducted at your unit by LT [REDACTED] and HSI [REDACTED] on 23 - 24 August 2005 in accordance with reference (a). The purpose of this visit was to conduct a Safety Survey and provide training and assistance to the dive team. The results of this survey showed your dive team administrative procedures and training program in outstanding condition.
2. No major discrepancies were noted during the administrative inspection. Minor discrepancies are addressed in checklist results (enclosure 1).
3. During the visit, one day was committed to classroom instruction and one day to diving. In all activities, your divers were highly motivated and knowledgeable. Their organization and administrative systems are some of the best seen by our inspectors. Also, their ability to effectively and efficiently mobilize and deploy was clearly demonstrated during the second day's training evolution.
4. While the divers will always carry the heaviest load in the performance of diving operations, the support they are receiving from the command, especially from the engineering department, is evident in their high level of performance.
5. Your next Safety Survey visit should be performed in August 2006. My point of contact for this program is LT [REDACTED] at 202-267-1063 or [REDACTED]@comdt.uscg.mil.

#

Enclosure: (1) Diving Safety Inspection Checklist dated 23 August 2005

Copy: PACAREA (Pofm)
COMDT (G-OPC)

ENCLOSURE (152) PAGE 6 OF 26 PAGES.

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ENCLOSURE (2)

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COAST GUARD DIVING PROGRAM SAFETY SURVEY CHECKLIST



UNIT NAME: MSST SEATTLE

SURVEY DATE: 23 AUG 2005

DATE OF LAST INSPECTION: N/A

COMMANDING OFFICER: LCDR [REDACTED]

EXECUTIVE OFFICER: LT [REDACTED]

DIVING OFFICER: ENS [REDACTED]

DIVE TEAM MEMBERS: BM1 [REDACTED]

DC1 [REDACTED]

MK2 [REDACTED]

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12

PAGE 7 OF 26 PAGES.

6,7c

PART A – ADMINISTRATION

<u>A.1 General.</u>	Y	N	N/A
A.1.a Does the Command Organization Manual include a Diving Bill? Is the Ship Repair Safety Checklist and Emergency Assistance Checklist part of the Diving Bill?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol 6, Fig. 6-20 and 22			
A.1.b Is the Diving Officer designated in writing by the Commanding Officer? (PQS qualifications are not required for non-diving Diving Officers).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Para. 6-9.3.1 and 2			
A.1.c Are Diving Supervisors designated in writing by the Commanding Officer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Para. 6-9.5.4			
A.1.d Are personnel authorized to conduct air sampling designated in writing by the Commanding Officer?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 1, Chap. 4-4			
A.1.e Are air samples analyzed semi-annually IAW PMS, and do they meet the purity requirements of the U. S. Navy Diving Manual?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol.1, Chap. 4-4			
A.1.f Is a copy of the previous 3 years air sampling results kept on file?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B			
A.1.g Does the command meet the manning requirements to conduct diving operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Fig. 6-16			

A.2 <u>Publications and Instructions.</u>	Y N N/A
A.2.h Is a copy of the U. S. Navy Diving Manual, Rev. 4, Ch. A, readily accessible to the Diving Officer/Supervisor?	
Ref: OPNAVINST 3150.27A, Para. 5.D	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
A.2.i Do all divers have access to Diving Safety Advisory (AIG 237) messages, Diving Safety Lines (AIG 7702) publications and messages, the list of Diving Equipment Authorized for U.S Navy Use (NAVSEA 10560 dated 26 July 2004), Safety Precautions for Forces Afloat (OPNAVINST 5100.19D), and Navy Occupational Safety and Health Program Ashore (OPNAVINST 5100.23E) via paper or electronic resources?	
Ref: NAVSEAINST 3150.1, Encl. 1	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
A.3 <u>Recordkeeping.</u>	
A.3.a Does the unit maintain a Command Diving Log and is it retained for three years?	
Ref: COMDTINST M3150.1B	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
A.3.b Do individual divers maintain personal diving logs documenting all their Coast Guard dives?	
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 1, Para. 5-6	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
A.3.c Is the Command using the Dive Reporting System (DRS) and are they submitting the information periodically?	
Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 1, Para. 5-9	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
A.3.d Are Diving Operations Reports submitted quarterly?	
Ref: COMDTINST M3150.1B	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
A.3.e Has each diver successfully completed a diving physical by a qualified Diving Medical Officer (DMO)? Is the physical current?	
Ref: COMDTINST M6000.1B, Ch. 18 NAVMED P-117, Art. 15-66	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

A.3 <u>Recordkeeping (continued).</u>	Y	N	N/A
A.3.f Are diver competencies entered into Direct Access? Ref: COMDTINST M3150.1B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A.3.g Are physical screening tests conducted annually? Ref: COMDTINST M3150.1B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A.3.h Are all diving accidents recorded and reported? Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 1, Para 5-11 OPNAVINST 5100.19D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments.

A.1.b – Diving Officer PQS should be completed in accordance with Enclosure 9 of COMDTINST M3150.1B.

PART B - TRAINING

B.1 General. Y N N/A

B.1.a Is diver PQS implemented?

Ref: COMDTINST M3150.1B

B.1.b Are all divers qualified in Cardiopulmonary Resuscitation (CPR)?

Ref: USN Diving Manual, Rev. 4, Ch. A, App. 5B-2

B.2 Documentation.

B.2.a Have diver's training requirements been incorporated into the Command's long-range training plan?

Ref: COMDTINST M3150.1B

B.2.b Are records kept to show what training has been accomplished and what remains to be done?

Ref: COMDTINST M3150.1B

B.2.c Does the training plan include all required unit training topics?

Ref: COMDTINST M3150.1B, Encl (2)

Comments.

PART C - SCUBA

C.1 <u>Equipment.</u>	Y	N	N/A
C.1.a Are the straps and backpacks in good condition and do they have a quick release feature? Ref: USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Page 7-7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.b Are all diver's SCUBA regulators of the approved type? Ref: NAVSEA 10560, 26 July 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.c Are SCUBA bottle manifolds of the approved type? Ref: NAVSEA 10560, 26 July 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.d Are diver's buoyancy compensators of the approved type? Ref: NAVSEA 10560, 26 July 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.e Are all depth gauges of the approved type? Ref: USN Diving Manual Rev. 4, Ch. A, Vol. 2, Para. 7-2.3.8 NAVSEA 10560, 26 July 2004	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.f Is all SCUBA equipment covered by PMS? Ref: COMDTINST M3150.1B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.g Are manufacturers tech manuals available for all SCUBA equipment? Ref: OPNAVINST 4790.4C	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.h Is SCUBA equipment serialized for tracking of maintenance accomplishment? Ref: COMDTINST M3150.1B	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C.1.i Do all divers have adequate wetsuits and drysuits? Ref: COMDTINST M3150.1B USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Para. 7-3.1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

C.1 <u>Equipment (continued).</u>		Y	N	N/A
C.1.j	Are standby diver regulators equipped with an ANU approved octopus second stage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	USN Diving Manual Rev. 4, Ch. A, Vol. 2, Para. 6-9.8.1 NAVSEA 10560, 26 July 2004			
C.1.k	Are the diver's wrist watches adequate to support diving operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	USN Diving Manual Rev. 4, Ch. A, Vol. 2, Para. 7-2.3.7 NAVSEA 10560, 26 July 2004			
C.2 <u>Maintenance.</u>				
C.2.a	Is hygienic maintenance being performed on regulators?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	PMS MIP 5921/19 R-2			
C.2.b	Are all SCUBA bottles within marked with hydrostatic test date? Were SCUBA bottles tested in the past 5 years?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	PMS MIP 5921/19 36M-1, 60M-1			
C.2.c	Are SCUBA bottles stowed under pressure? Is stowage secure and away from heat?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	USN Diving Manual, Rev. 4, Ch. A, Vol 2, Para. 7-4.5 NSTM 550, Para. 550-2.16.2 and 550-2.19.2			
C.2.d	Are SCUBA bottles being inspected annually in accordance with the Visual Inspection Program?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	USN Diving Manual, Rev. 4, Ch. A, Vol 2, Page 7-6 PMS MIP 5921/19 A-1R			
C.2.e	Are critical diving gauges calibrated every 18 months? (i.e. over-bottom, submersible pressure gauges, depth gauges, SCUBA charging gauges and compressor outlet)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	PMS MIP 5921/32			
C.2.f	Is maintenance being conducted on buoyancy compensators?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ref:	USN Diving Manual, Rev. 4, Ch. A, Vol 2, Para. 7-2.3.3 PMS MIP 5921/2			

C.2 Maintenance (continued). Y N N/A

C.2.g Are the buoyancy compensator relief valves working and in good repair?
Ref: PMS MIP 5921/2-14

C.2.h Is the 1st stage of the single hose regulator set at the manufacturer's psi or is it part of pre-dive?
Ref: USN Diving Manual, Rev. 4, Ch. A, Vol 2, Page 7-2
Manufacturer's tech manual

C.2.i Does unit maintain excess equipment outside of the DEP? Is maintenance on this equipment being conducted and recorded?
Ref: COMDTINST M3150.1B

C.3. Procedures.

C.3.a Does a supervisor pre-dive check-off sheet exist for SCUBA?
Ref: USN Diving Manual, Rev. 4, Ch. A, Vol 2, Page 7-25

C.3.b Are all dives deeper than 100 fsw conducted with a minimum 100 scf cylinder capacity?
Ref: USN Diving Manual, Rev. 4, Ch. A, Vol 2, Fig. 6-14

C.3.c Are all dives conducted in 130 fsw or less?
Ref: USN Diving Manual, Rev. 4, Ch. A, Vol 2, Fig. 6-14

Comments.

C.2.g – Bladder cover around relief and dump valves torn on two buoyancy compensators. Recommend spare units be used and damaged units be turned in to NDSTC for replacement.

PART D – AGA MK 20 UBA

D.1 Underwater Breathing Apparatus.	Y	N	N/A
D.1.a Is the diver harness of the approved type, and is it in good condition? Ref: UBA MK 20 MOD 0 Technical Manual, Page 2-5, Tbl. 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D.1.b Are the MK 20 MOD 0 communication components clean, dry, free from tears, cuts and broken wires? Ref: UBA MK 20 MOD 0 Technical Manual, Page 2-4, Tbl. 2-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D.1.c Is the MK 20 MOD 0 mask free of dirt, corrosion and deterioration? Ref: UBA MK 20 MOD 0 Technical Manual, Page 2-4, Tbl. 2-1 PMS MIP 5921/172 R-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D.1.d Are the oral nasal check valves in good condition? Ref: UBA MK 20 MOD 0 Technical Manual, Page 2-3, Tbl. 2-1 PMS MIP 5921/172 18M-1R, R-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D.1.e Is the head harness in good condition? Ref: UBA MK 20 MOD 0 Technical Manual, Page 2-3, Tbl. 2-1 PMS MIP 5921/172 R-5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D.1.f Does the second stage regulator function properly? Ref: UBA MK 20 MOD 0 Technical Manual, Page 2-3, Tbl. 2-1, Page 4-6, Para. 4.6.1-6 PMS MIP 5921/172 S-2R	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D.1.g Are both the test kit and repair tools available? Ref: UBA MK 20 MOD 0 Technical Manual, Page 6-3, Para. 6.4, Tbl. 6-1 PMS MIP 5921/172	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.h Does a Supervisors Pre-Dive Inspection Check-Off Sheet exist for the MK 20 MOD 0 (When used in surface-supplied mode)? Ref: UBA MK 20 MOD 0 Technical Manual, App. A-3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.i Are all surface supplied dives conducted to 60 fsw or less? Ref: USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Fig. 6-14	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

D.2 Umbilical.

D.2.a Are umbilical tests being conducted?

Ref: PMS MIP 5921/039 A-1R, 24M-1R, 24M-2R, 60M-1R
NAVSEA SS521-AH-PRO-010/Diving Umbilical Manual, Page 3

D.2.b Are all hoses numbered, labeled, and listed on EGL's or as single line items?

Ref: OPNAVINST 4790.4C, PARA 3-4.5 AND 3-4.11.1.2.B.(3)(B)

D.2.c Does the 3/8 inch hose have the proper fittings installed?

Ref: OPNAVINST 4790.4C, PARA 3-4.5 AND 3-4.11.1.2.B.(3)(B)
NAVSEA SS521-AH-PRO-010/Diving Umbilical Manual, Page 4

D.2.d Are all hoses capped off to prevent contamination (including leader hoses)?

Ref: NAVSEA SS521-AH-PRO-010/Diving Umbilical Manual, Page B-19

PART E – AIR SYSTEMS AND STOWAGE

E.1	<u>Compressors.</u>	Y	N	N/A
E.1.a	Are tech manuals available for all portable air compressors? Ref: OPNAVINST 5100.19D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.1.b	Are safety precautions posted in view of all operators for compressors? Ref: OPNAVINST 5100.19D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.1.c	Are interstage cooling tubing and crankcase fins clean and in good condition? Ref: Applicable PMS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.1.d	Is the correct compressor oil being used? (1) 2190 TEP for normal operation or 2135 TH for cold weather, or (2) synthetic based oil that is manufacturer recommended? Ref: USN Diving Manual Rev. 4, Ch. A, Vol. 2, Page 8-20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.1.e	Are charging whips secured to prevent whipping? Ref: USN Diving Manual Rev. 4, Ch. A, Vol. 2, Page 7-18	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
E.1.f	Are charging whips proof tested prior to initial installation? Are rubber charging whips replaced at 12 years? Ref: PMS MIP 5921/33 A-1R, R-6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.1.g	Are pulley/fanguards installed on the air compressor (s)? Ref: NAVSEA 10560, 26 July 2004, section 5.2 note 4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.2	<u>Flasks and Tanks.</u>			
E.2.a	Have all vertically mounted air flasks with dryer and bottom blow down installed been hydrostatically tested in the past 12 years? Ref: PMS MIP 5921/034 144M-1R, 2R	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E.2.b	Have all air flasks without dryers been hydrostatically tested in the past 6 years? Ref: PMS MIP 5921/034 72M-1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

E.2 Flasks and Tanks (continued). Y N N/A

E.2.c Have all DOT 3A or 3AA industrial gas cylinders been delivered to repair activity for and hydrostatic testing in the past 5 years?
Ref: PMS MIP 5921/034 60M-4R

E.2.d Have all high pressure moisture separators and filter housings been given an internal and external visual inspection as required?
Ref: PMS MIP 5921/034 18M-1, 18M-2

E.3 Gauges and Valves.

E.3.a Have all critical pressure gauges been calibrated in the past 18 months? (I.E. Pneumofathometer, Manifold Pressure (MMP), Final Outlet "Discharge" Pressure "SCUBA Charging, HP, MP, And LP Air, Oxygen and Mixed Gas Compressor Outlet" Gages)
Ref: PMS MIP 5921/32 18M-5R, 18M-6R, 18M-7R

E.3.b Are all valves which influence diver's air supply tagged to read "Diver's Air Do Not Touch"?
Ref: USN Diving Manual, Rev. 4, Ch. A, Vol. 2, Sec. 8-6.2.1

E.3.c Have all system relief valves been tested during the last 36 months and tagged?
Ref: PMS MIP 5921/034 36M-4

E.4 Air Filtration Systems.

E.4.a Are the air filters of the approved type and of the proper working pressure?
Ref: NAVSEAINST 10560, 26 Jul 2004

Comments.

E.3.a - Compressor outlet gauge requires calibration; others sat.



TRI Air Testing, Inc.
 A Texas Research International Company
 9063 Bee Caves Road
 Austin, Texas 78733-6201
 http://www.airtesting.com

Laboratory Analyses Report Compressed Air Quality Testing

C464 USCG MSST 91101
 ATTN DC1 [REDACTED]
 1519 ALASKAN WAY SOUTH
 SEATTLE, WA 98134

ACTIVITY CODE: C464
 DATE SHIPPED: 09/12/06
 DATE RECEIVED: 09/20/06
 DATE REPORTED: 09/21/06
 KIT NO.: 738

ANALYSIS REQUESTED	SPECIFICATIONS FOR GAS SAMPLE	RESULTS OF GAS SAMPLE ANALYSIS
Oxygen (Volume %)	20-22	21.0
Carbon Dioxide (ppmv)	1000	558
Carbon Monoxide (ppmv)	20	< 1
Total Gaseous Hydrocarbons including Methane (ppmv)	25	2.2
Oil Mist & Particulate (mg/m3)	5	< 0.2
Odor (Objectionable)	NO	NO
Methane (ppmv)	NA	2.2

This is to certify that the above referenced sample **DOES MEET** the air purity standard for NAVSEA 0910-LP-708-8000 USN DIVING MANUAL, VOL 1, REV 4, 20JAN1999, TBL 4-1

Authorized Chemist: [REDACTED]

Cylinder: KT38
 Report No.: 54653 - 00

Filter: X74
 Air Source: BAUER UN II/26 # 030869 R9-19

CC: NAVAL SURFACE WARFARE CENTER PANAMA CITY [REDACTED] CODE E53 PANAMA CITY, FL 32407-7001

CERTIFIED TO BE A TRUE COPY

ENCLOSURE (3)

6,7c

[REDACTED] DC1

From: [REDACTED] on behalf of Diver Order Form [mailto:diverorders@airtesting.com]
Sent: Friday, August 25, 2006 11:14 AM
To: [REDACTED] DC1
Subject: Your Diver Air Sample Order Form ID175 has been submitted!

DIVERS AIR SAMPLE ORDER FORM ID 175

Date: 2006-08-25

Activity Code: C464

Authorized Person: DC1 [REDACTED]

Shipping Address

add_line1 USCG MSST 91101
add_line2 1519 Alaskan Way South
add_line3
city Seattle
state WA
zip 98134

Phone Numbers

DSN N/A
Commercial 206-396-2567
Fax 206-217-6604
Email [REDACTED]@uscg.mil
Date Needed By 15SEP06

Notes Respectfully request air sampling test kit for Bauer Model: UN II
26 Serial# 030869, PSI 5000, SCFM 22.0. Thank you

Equipment To Be Tested:

<u>Line #</u>	<u>Make</u>	<u>Serial</u>	<u>PSI</u>	<u>SCFM</u>
1	Bauer/UNII26	030869	5000	22.0

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8/25/2006

152 PAGE 20 OF 26 PAGES.

G, 7c



TRI Air Testing, Inc.
 A Texas Research International Company
 9063 Bee Caves Road
 Austin, Texas 78733-6201
 http://www.airtesting.com

Laboratory Analyses Report Compressed Air Quality Testing

C464 USCG MSST 91101
 ATTN BM1 [REDACTED]
 1519 ALASKAN WAY SOUTH
 SEATTLE, WA 98134

ACTIVITY CODE: C464
 DATE SHIPPED: 01/04/06
 DATE RECEIVED: 01/24/06
 DATE REPORTED: 01/25/06
 KIT NO.: 751

ANALYSIS REQUESTED	SPECIFICATIONS FOR GAS SAMPLE	RESULTS OF GAS SAMPLE ANALYSIS
Oxygen (Volume %)	20-22	20.9
Carbon Dioxide (ppmv)	1000	441
Carbon Monoxide (ppmv)	20	< 1
Total Gaseous Hydrocarbons including Methane (ppmv)	25	2.1
Oil Mist & Particulate (mg/m3)	5	0.3
Odor (Objectionable)	NO	NO
Methane (ppmv)	NA	2.1

This is to certify that the above referenced sample **DOES MEET** the air purity standard for NAVSEA 0910-LP-708-8000 USN DIVING MANUAL, VOL 1, REV 4, 20JAN1999, TBL 4-1

Authorized Chemist: [REDACTED]

Cylinder: KT14
 Report No.: 42699 - 00

Filter: Z5
 Air Source: UN II 26 # 030869

CC: NAVAL SURFACE WARFARE CENTER PANAMA CITY [REDACTED] R CODE E53 PANAMA CITY, FL 32407-7001

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 9063 Bee Caves Road
 Austin, Texas 78733-6201
 http://www.airtesting.com

Laboratory Analyses Report Compressed Air Quality Testing

C464 USCG MSST 91101
 ATTN BM1 [REDACTED]
 1519 ALASKAN WAY SOUTH
 SEATTLE, WA 98134

ACTIVITY CODE: C464
 DATE SHIPPED: 05/26/05
 DATE RECEIVED: 06/03/05
 DATE REPORTED: 06/06/05
 KIT NO.: 703

ANALYSIS REQUESTED	SPECIFICATIONS FOR GAS SAMPLE	RESULTS OF GAS SAMPLE ANALYSIS
Oxygen (Volume %)	20-22	21.0
Carbon Dioxide (ppmv)	1000	515
Carbon Monoxide (ppmv)	20	< 1
Total Gaseous Hydrocarbons including Methane (ppmv)	25	2.1
Oil Mist & Particulate (mg/m3)	5	0.2
Odor (Objectionable)	NO	NO
Methane (ppmv)	NA	2.1

This is to certify that the above referenced sample **DOES MEET** the air purity standard for NAVSEA 0910-LP-708-8000 USN DIVING MANUAL, VOL 1, REV 4, 20JAN1999, TBL 4-1

Authorized Chemist: [REDACTED]

Cylinder: KT86
 Report No.: 32120 - 00

Filter: Z7
 Air Source: BAUER UN II 26 # 030869

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PAGE 22 OF 26 PAGES.

C, K



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 Austin, Texas 78733-6201
 http://www.airtesting.com

Laboratory Analyses Report Compressed Air Quality Testing

C464 USCG MSST 91101
 ATTN BM2 [REDACTED]
 1519 ALASKAN WAY SOUTH
 SEATTLE, WA 98134

ACTIVITY CODE: C464
 DATE SHIPPED: 11/22/04
 DATE RECEIVED: 12/09/04
 DATE REPORTED: 12/10/04
 KIT NO.: 731

ANALYSIS REQUESTED	SPECIFICATIONS FOR GAS SAMPLE	RESULTS OF GAS SAMPLE ANALYSIS
Oxygen (Volume %)	20-22	21.0
Carbon Dioxide (ppmv)	1000	698
Carbon Monoxide (ppmv)	20	< 1
Total Gaseous Hydrocarbons including Methane (ppmv)	25	2.1
Oil Mist & Particulate (mg/m3)	5	0.5
Odor (Objectionable)	NO	NO
Methane (ppmv)	NA	2.1

This is to certify that the above referenced sample **DOES MEET** the air purity standard for NAVSEA 0910-LP-708-8000 USN DIVING MANUAL, VOL 1, REV 4, 20JAN1999, TBL 4-1

Authorized Chemist: [REDACTED]

Cylinder: KT26
 Report No.: 24201 - 00

Filter: Z379
 Air Source: BAUER UN II/26 # 030869

CG NAVAL SURFACE WARFARE CENTER PANAMA CITY FL 32407-1001

CG NAVAL SURFACE WARFARE CENTER PANAMA CITY FL 32407-1001

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159
 159

PAGE 23 OF 26 PAGES.

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TRI Air Testing, Inc.
A Texas Research International Company
9063 Bee Caves Road
Austin, Texas 78733-6201
http://www.airtesting.com

Laboratory Analyses Report Compressed Air Quality Testing

C464 USCG MSST 91101
ATTN LTJG [REDACTED]
1519 ALASKAN WAY SOUTH
SEATTLE, WA 98134

ACTIVITY CODE: C464
DATE SHIPPED: 04/29/04
DATE RECEIVED: 05/10/04
DATE REPORTED: 05/11/04
KIT NO.: 766

ANALYSIS REQUESTED	SPECIFICATIONS FOR GAS SAMPLE	RESULTS OF GAS SAMPLE ANALYSIS
Oxygen (Volume %)	20-22	20.9
Carbon Dioxide (ppmv)	1000	< 25
Carbon Monoxide (ppmv)	20	< 1
Total Gaseous Hydrocarbons - Methane (ppmv)	25	< 1
Oil Mist & Particulate (mg/m3)	5	1.1
Odor (Objectionable)	NO	NO
Methane (ppmv)	NA	1.9

This is to certify that the above referenced sample **DOES MEET** the air purity standard for NAVSEA 09940-LP-001-9010 USN DIVING MANUAL, VOL 1, REV 3, APPENDIX L, TBL L-1
Authorized Chemist: [REDACTED]

Cylinder: KT85
Report No.: 14731 - 00

Filter: Z23
Air Source: BAUER UN 1126 # 030869

CC: NAVAL SURFACE WARFARE CENTER PANAMA CITY ATTN: [REDACTED] CODE E53 PANAMA CITY, FL 32407-7001

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6,7c



AIR COMPRESSOR SERVICE

12428 Hwy. 99 S. #49
Everett, WA 98204
www.aircompressor-service.com

Phone (425) 743-2888
Phone (425) 290-1888
FAX (425) 290-1449

ORDER 61031

SOLD TO U.S. Coast Guard
1519 Alaska Way South
Seattle WA 98134

SHIP TO

INVOICE NO. 2875	TERMS	CROSS REF. 7903	HOURS	EQUIPMENT MAKE Bauer	MODEL UNICUS 2 HF
DATE 9-1-2006	CONTACT	PHONE (206) 396	P.O. NO.	SERIAL NO.	

QTY.	SHPD.	B/O	PART NUMBER / DESCRIPTION	UNIT PRICE	AMOUNT
			Full service to be performed		
			* Performed Full Service on Breathing Air Compressor as Per Quote. Change Both Pre Filter and Post Filter, Air filter, Oil, and Test Ran.		
			(206) phone		
			Visa Fax		
			3378		
			07/09 (877)		
			Bill in 7-10 days		

ENCLOSURE (4)

APPROVED BY _____ DATE _____

CERTIFIED TO BE A TRUE COPY

If this invoice is placed for collection, for non-payment, the undersigned purchaser hereby agrees to pay, in addition to all principal amounts due, reasonable attorney's fees and costs incurred by D.R. Smith Company, Inc. in the collection of this account. At the option of D.R. Smith Company, Inc. the venue of any lawsuit filed for the collection of money due, may be laid in Snohomish County, Washington.

SUPPLIES/HAZMAT	
FREIGHT	15.00
SUB TOTAL	677.42
TAX	FED
TOTAL AMOUNT	677.42

X _____

617C

