

California State Universities - Ocean Studies Institute AAUS Scientific Diving Course Application Package



Application Checklist and Required Supporting Documents:

Copy of your Open Water card or higher, from a nationally recognized training organization (NAUI, PADI, SDI, etc.)
Completed Scientific Diving program course application (page 2)
Signed liability waiver (page 3)
Current medical results (forms attached) - take all forms to the physician
Form I - Diving Medical Exam Overview for the Examining Physician – for the physician
Form II - Diving Medical History - <u>return completed, signed to the Dive Safety Officer</u>
Form III - Applicant's Release of Medical Information Form – <i>for the physician</i>
Form IV - AAUS Medical Evaluation of Fitness for Scuba Diving Report- <u>return completed</u> , <u>signed and dated</u> <u>by the physician to the Dive Safety Officer</u>
Proof of dive equipment testing or service within the last 12 months (instructions and form attached.)
this includes new equipment (all scuba gear must be bench tested prior to use under OSI guidelines).
A visual inspection of all dive equipment will be conducted on the first day. Equipment deemed
"unsafe" or not in good working order, will not be allowed for use in the course.
Proof of Dive Insurance – you are responsible for your medical coverage and <u>most health insurance policies do</u> <u>not cover scuba diving.</u> We require that you obtain dive insurance such as that provided by Divers Alert

Please Note: CPR, First Aid (Primary and Secondary Care), Oxygen Administration, and Field Neurological Evaluation training will be offered as part of the course. It is highly recommended that you participate in this section of the course, however if you can provide proof of current emergency response training per AAUS standards you may elect to waive this section.

Network (DAN) diversalertnetwork.org. A list of providers can be found at scmi.net.

Please email the above documents to:

darrell.montague@csulb.edu

Or mail the above documents to:

Ocean Studies Institute AAUS Scientific Diving Course Attn: Dive Safety Officer 820 South Seaside Avenue Terminal Island, CA 90731

Feel free to contact the DSO if you have any questions

Email: darrell.montague@csulb.edu

Mobile: (626) 399-3308

SCMI: (310) 519-3172 ext 976



Terminal Island, CA 90731

California State Universities - Ocean Studies Institute AAUS Scientific Diving Course Application



PLEASE PRINT (COU	COURSE START DATE:				
Name:				Date		
Student ID#		CSU Car	npus:			
Mailing Address:						
	Street		City	State	zip	
Mobile Phone:		Faculty I	Referral:			
Diving Certification	on(s)Held					
Agency (NAUL	, PADI, etc.)	Level of Certi	fication_	Date Complete	ed Month/Year	
No of Dives:	No Past	12 Months	<u>I</u>	Date of Last Dive:		
Geographical Area	(s) of Diving Experience	e:				
I Have Experience ☐ Warm Water	in the Following (che	eck all that apply:	□ Night	t	ITROX	
□ Cold Water	☐ Boat		□ Wrec		nore Dive	
☐ Blue Water	☐ Cave/Cavern	□ Drysuit□ Kelp	☐ Curre		ow Visibility	
		— Кор			ow visionity	
Emergency Contac			D 1 4	1:		
			<u>Relation</u>	onship		
Home Address:	Street		City	State	zip	
Work Address:				~	P	
	Street		City	State	zip	
Phone:		Email:				
Course fees: \$500 f	for OSI divers and \$600) for SCMI divers,	\$1,200 for non-	member divers*.		
	e to "USC/SCMI" and	send with applicati	on to:			
Ocean Studies Insti AAUS Scientific D Attn: Dive Safety C 820 South Seaside	iving Course Officer					



California State Universities - Ocean Studies Institute Scuba Diving

General Release of All Claims



In consideration of my participation in the voluntary, extracurricular activity described below, I hereby agree to assume all risk of any kind of injury or damage I may receive or sustain as a result of my participation, including property damage, personal injury or death. Accordingly by signing below, I hereby completely release and hold harmless and forever discharge the State of California; the Trustees of the California State University; California State University, Long Beach; the Ocean Studies Institute and the Southern California Marine Institute; and each and every officer, agent, volunteer and employee of each of them, from liability or responsibility for any and all claims, damages, injuries, losses or causes of action that may result from or arise out of my participation in the described activities. I also understand and agree that this release shall be binding as against my heirs and assigns.

I hereby apply for permission to engage in scuba diving at the California State University, Ocean Studies Institute and or OSI sponsored diving operations at other locations. I acknowledge that in the event such permission is granted it will be granted to me as a voluntary diver. I am fully aware of the risks inherent in scuba diving and choose to voluntarily participate (including travel to and from the site of such diving). I hereby acknowledge and affirm that I am not required to participate in scuba diving as a condition to obtaining any academic degree. I further acknowledge that I am not to be considered an employee of OSI and that no benefits customarily afforded to employees will be extended to me by virtue of participating in scuba diving. (As an individual who actually IS employed by OSI in a capacity unrelated to scuba diving, I acknowledge that participating in scuba diving is not a condition of my employment).

I CERTIFY THAT I HAVE READ, FULLY UNDERSTAND, AND AGREE TO ABIDE BY THE DIVING REGULATIONS OF THE CALIFORNIA STATE UNIVERSITY SCUBA DIVING CERTIFICATION AND OPERATIONS OF SCUBA DIVING PROGRAMS MANUAL.

I do not intend by this instrument to waive or relinquish any claim against any individual arising out of his/her intentional act or willful negligence but in the event such individual is determined to be an agent of the California State University System, I do hereby waive and relinquish any claim against the university as a principal.

NOTE: This instrument is a waiver of your legal right to collect damages in the event of your injury or death and in the event of damage or destruction of your personal property. If you do not understand this instrument you are advised to consult an attorney.

Types of Risks Involved with the Activity: **Personal injury or death. Personal property damage. Personal property loss.**

PARTICIPANT NAME (Please Print):		
Participant signature:	Date	
Participant Address:		
WITNESSED By (Please Print)		
Signature:Address:		
Name of PARENT or LEGAL GUARDIAN (if applicable):		
Signature of Parent or legal guardian (if applicable):		Date
Address:		



California State Universities - Ocean Studies Institute Medical Form I

Diving Medical Exam Overview for the Examining Physician



To the Examining Physician:

This person,	, requires a medical examination to assess his/her fitness for
certification as a Scientific Diver	for the (your University)
His /her answers on the Diving Me	edical History Form (attached), may indicate potential health or safety risks as
noted. Your evaluation is requeste	ed on the attached scuba Diving Fitness Medical Evaluation Report. If you
have questions about diving medic	cine, you may wish to consult one of the references on the attached list or
contact one of the physicians with	expertise in diving medicine whose names and phone numbers appear on an
attached list. Please contact the un	ndersigned Diving Safety Officer if you have any questions or concerns about
diving medicine or the Ocean Stud	dies Institute/AAIIS standards. Thank you for your assistance

California State Universities – Ocean Studies Institute Diving Safety Officer - Darrell Montague 820 South Seaside Avenue Terminal Island, CA 90731

Phone: 626 399-3308 Email: darrell.montague@csulb.edu

Scuba and other modes of compressed-gas diving can be strenuous and hazardous. A special risk is present if the middle ear, sinuses or lung segments do not readily equalize air pressure changes. The most common cause of distress is eustachian insufficiency. Most fatalities involve deficiencies in prudence, judgment, emotional stability or physical fitness. Please consult the following list of conditions, which usually restrict candidates from diving.

(Adapted from Bove, 1998: 61 -63, bracketed numbers are pages in Bove)

CONDITIONS WHICH MAY DISQUALIFY CANDIDATES FROM DIVING

- 1. Abnormalities of the tympanic membrane, such as perforation, presence of a monomeric membrane, or inability to autoinflate the middle ears. [5,7,8,9]
- 2. Vertigo including Meniere's Disease. [13]
- 3. Stapedectomy or middle ear reconstructive surgery. [11]
- 4. Recent ocular surgery. [15,18,19]
- 5. Psychiatric disorders including claustrophobia, suicidal ideation, psychosis, anxiety states, untreated depression. [20-23]
- 6. Substance abuse, including alcohol. [24-25]
- 7. Episodic loss of consciousness. [1,26,27]
- 8. History of seizure. [27,28]
- 9. History of stroke or a fixed neurological deficit. [29,30]
- 10. Recurring neurologic disorders, including transient ischemic attacks. [29,30]
- 11. History of intracranial aneurysm, other vascular malformation or intracranial hemorrhage. [31]
- 12. History of neurological decompression illness with residual deficit. [29,30]
- 13. Head injury with sequelae. [26,27]
- 14. Hematologic disorders including coagulopathies. [41,42]
- 15. Evidence of coronary artery disease or high risk for coronary artery disease1 [33-35]
- 16. Atrial septal defects. [39]
- 17. Significant valvular heart disease isolated mitral valve prolapse is not disqualifying. [38]
- 18. Significant cardiac rhythm or conduction abnormalities. [36-37]
- 19. Implanted cardiac pacemakers and cardiac defibrillators (ICD). [39,40]
- 20. Inadequate exercise tolerance. [34]
- 21. Severe hypertension. [35]
- 22. History of spontaneous or traumatic pneumothorax. [45] 2/01 41

- 23. Asthma2. [42-44]
- 24. Chronic pulmonary disease, including radiographic evidence of pulmonary blebs, bullae or cysts [45,46]
- 25. Diabetes mellitus. [46-47]
- 26. Pregnancy1. [56]

SELECTED REFERENCES IN DIVING MEDICINE

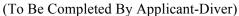
Available from Best Publishing Company, P.O. Box 30100, Flagstaff, AZ 86003-0100, the Divers Alert Network (DAN) or the Undersea and Hyperbaric Medical Society (UHMS), Durham, NC

- Elliott, D.H. ed. 1996. *Are Asthmatics Fit to Dive?* Kensington, MD: Undersea and Hyperbaric Medical Society.
- Bove, A.A. 2011. The cardiovascular system and diving risk. *Undersea and Hyperbaric Medicine* 38(4): 261-269.
- Thompson, P.D. 2011. The cardiovascular risks of diving. *Undersea and Hyperbaric Medicine* 38(4): 271-277.
- Douglas, P.S. 2011. Cardiovascular screening in asymptomatic adults: Lessons for the diving world. *Undersea and Hyperbaric Medicine* 38(4): 279-287.
- Mitchell, S.J., and A.A. Bove. 2011. Medical screening of recreational divers for cardiovascular disease: Consensus discussion at the Divers Alert Network Fatality Workshop. *Undersea and Hyperbaric Medicine* 38(4): 289-296.
- Grundy, S.M., Pasternak, R., Greenland, P., Smith, S., and Fuster, V. 1999. Assessment of Cardiovascular Risk by Use of Multiple-Risk-Factor Assessment Equations. AHA/ACC Scientific Statement. *Journal of the American College of Cardiology*, 34: 1348-1359. http://content.onlinejacc.org/cgi/content/short/34/4/1348
- Bove, A.A. and Davis, J. 2003. DIVING MEDICINE, Fourth Edition. Philadelphia: W.B. Saunders Company.
- Edmonds, C., Lowry, C., Pennefather, J. and Walker, R. 2002. DIVING AND SUBAQUATIC MEDICINE, Fourth Edition. London: Hodder Arnold Publishers.
- Bove, A.A. ed. 1998. MEDICAL EXAMINATION OF SPORT SCUBA DIVERS, San Antonio, TX: Medical Seminars, Inc.
- NOAA DIVING MANUAL, NOAA. Superintendent of Documents. Washington, DC: U.S. Government Printing Office.
- U.S. NAVY DIVING MANUAL. Superintendent of Documents, Washington, DC: U.S. Government Printing Office, Washington, D.C.
- "Assessment of Cardiovascular Risk by Use of Multiple-Risk-Factor Assessment Equations." Grundy et. al. 1999. AHA/ACC Scientific Statement. http://www.acc.org/clinical/consensus/risk/risk1999.pdf2
- "Are Asthmatics Fit to Dive?" Elliott DH, ed. 1996 Undersea and Hyperbaric Medical Society, Kensington, MD.



California State Universities - Ocean Studies Institute Medical Form II

Diving Medical History





Name	Sex	_Age	Wt	_ Ht	Date _	_/	_/
TO THE APPLICANT: Scuba diving places considerable physical and mental det	mands on th	ne diver. Ce	ertain me	dical and physical r	equireme	nts mu	ist be met before
beginning a diving or training program. Your accurate answers to the questions ar	e more imp	ortant, in n	nany inst	ances, in determinir	ng your fit	ness t	o dive than what
the physician may see, hear or feel as part of the diving medical certification process.	edure.						

This form shall be kept confidential by the examining physician. If you believe any question amounts to invasion of your privacy, you may elect to omit an answer, provided that you shall subsequently discuss that matter with your own physician who must then indicate, in writing, that you have done so and that no health hazard exists. Should your answers indicate a condition, which might make diving hazardous, you will be asked to review the matter with your physician. In such instances, their written authorization will be required in order for further consideration to be given to your application. If your physician concludes that diving would involve undue risk for you, remember that they are concerned only with your well-being and safety.

	Yes	No	Please indicate whether or not the following apply to you	Comments
1			Convulsions, seizures, or epilepsy	
2			Fainting spells or dizziness	
3			Been addicted to drugs	
4			Diabetes	
5			Motion sickness or sea/air sickness	
6			Claustrophobia	
7			Mental disorder or nervous breakdown	
8			Are you pregnant?	
9			Do you suffer from menstrual problems?	
10			Anxiety spells or hyperventilation	
11			Frequent sour stomachs, nervous stomachs or vomiting spells	
12			Had a major operation	
13			Presently being treated by a physician	
14			Taking any medication regularly (even non-prescription)	
15			Been rejected or restricted from sports	
16			Headaches (frequent and severe)	
17			Wear dental plates	
18			Wear glasses or contact lenses	
19			Bleeding disorders	
20			Alcoholism	
21			Any problems related to diving	
22			Nervous tension or emotional problems	
23			Take tranquilizers	
24			Perforated ear drums	
25			Hay fever	
26			Frequent sinus trouble, frequent drainage from the nose, post-nasal drip, or stuffy nose	
27			Frequent earaches	
28			Drainage from the ears	
29			Difficulty with your ears in airplanes or on mountains	
30			Ear surgery	
31			Ringing in your ears	
32			Frequent dizzy spells	
33			Hearing problems	
34			Trouble equalizing pressure in your ears	
35			Asthma	
36			Wheezing attacks	
37			Cough (chronic or recurrent)	
38			Frequently raise sputum	

	Yes	No	Please indicate whether or not the following apply to you	Comments
39			Pleurisy	
40			Collapsed lung (pneumothorax)	
41			Lung cysts	
12			Pneumonia	
13			Tuberculosis	
14			Shortness of breath	
15			Lung problem or abnormality	
16			Spit blood	
1 7			Breathing difficulty after eating particular foods, after exposure to particular pollens or animals	
18			Are you subject to bronchitis	
19			Subcutaneous emphysema (air under the skin)	
50			Air embolism after diving	
51			Decompression sickness	
52			Rheumatic fever	
53			Scarlet fever	
54			Heart murmur	
55			Large heart	
6			High blood pressure	
57			Angina (heart pains or pressure in the chest)	
8			Heart attack	
59			Low blood pressure	
50			Recurrent or persistent swelling of the legs	
51			Pounding, rapid heartbeat or palpitations	
52			Easily fatigued or short of breath	
53			Abnormal EKG	
54			Joint problems, dislocations or arthritis	
55			Back trouble or back injuries	
66			Ruptured or slipped disk	
57			Limiting physical handicaps	
68			Muscle cramps	
59			Varicose veins	
70			Amputations	
71			Head injury causing unconsciousness	
72			Paralysis	
73			Have you ever had an adverse reaction to medication?	
74			Do you smoke?	
75			Have you ever had any other medical problems not listed? If so, please list or describe below;	
76			Is there a family history of high cholesterol?	
77			Is there a family history of heart disease or stroke?	
78			Is there a family history of diabetes?	
79			Is there a family history of asthma?	
30			Date of last tetanus shot? Vaccination dates?	

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70	Amputations	
71	Head injury causing unconsciousness	
72	Paralysis	
73	Have you ever had an adverse reaction to medication?	
74	Do you smoke?	
75	Have you ever had any other medical problems not listed? If so, please list or describe below;	
76	Is there a family history of high cholesterol?	
77	Is there a family history of heart disease or stroke?	
78	Is there a family history of diabetes?	
79	Is there a family history of asthma?	
17		
80	Date of last tetanus shot? Vaccination dates?	
80 lease explain a	2 2	ny medical history.



California State Universities - Ocean Studies Institute Medical Form III Applicant's Release of Medical Information



Name of Applicant (Print or Type)		
	on and all medical information subsequently acquired in association verse Diving Safety Officer and Diving Control Board or their designee a	
(place)	on (date)	
Signature of Applicant	Date	



California State Universities - Ocean Studies Institute Medical Form IV

AAUS Medical Evaluation of Fitness for Scuba Diving Report



Name of Applicant (Print or Type)	Date of Medical Evaluation (Month/Day/Year)

To The Examining Physician: Scientific divers require periodic scuba diving medical examinations to assess their fitness to engage in diving with self-contained underwater breathing apparatus (scuba). Their answers on the Diving Medical History Form may indicate potential health or safety risks as noted. Scuba diving is an activity that puts unusual stress on the individual in several ways. Your evaluation is requested on this Medical Evaluation form. Your opinion on the applicant's medical fitness is requested. Scuba diving requires heavy exertion. The diver must be free of cardiovascular and respiratory disease (see references, following page). An absolute requirement is the ability of the lungs, middle ears and sinuses to equalize pressure. Any condition that risks the loss of consciousness should disqualify the applicant. Please proceed in accordance with the AAUS Medical Standards (Sec. 6.00). If you have questions about diving medicine, please consult with the Undersea Hyperbaric Medical Society or Divers Alert Network.

TESTS: THE FOLLOWING TESTS ARE REQUIRED:

During all Initial and Periodic Re-exams (Under Age 40):

- Medical history
- Complete physical exam, with emphasis on neurological and otological components
- Urinalysis
- Any further tests deemed necessary by the physician

Additional Tests During First Exam Over Age 40 and Periodic Re-exams (Over Age 40):

- Chest x-ray (Required only during first exam over age 40)
- Resting EKG
- Assessment of coronary artery disease using Multiple-Risk-Factor Assessment¹
 (age, lipid profile, blood pressure, diabetic screening, smoking)
 Note: Exercise stress testing may be indicated based on Multiple-Risk-Factor Assessment²

PHYSICIAN'S STATEMENT: _____ 01 Diver IS medically qualified to dive for: _____ 2 years (over age 60) ____ 3 years (age 40-59) ____ 5 years (under age 40) ____ 02 Diver IS NOT medically qualified to dive: ____ Permanently____ Temporarily. Lhave evaluated the abovementioned individual according to the American Academy of Underwork.

I have evaluated the abovementioned individual according to the American Academy of Underwater Sciences medical standards and required tests for scientific diving (Sec. 6.00 and Appendix 1) and, in my opinion, find no medical conditions that may be disqualifying for participation in scuba diving. I have discussed with the patient any medical condition(s) that would not disqualify him/her from diving but which may seriously compromise subsequent health. The patient understands the nature of the hazards and the risks involved in diving with these conditions.

the nature of the hazards and the ris	ks involved in diving w	ith these conditions.	
	MD or DC		
Signature		Date	
Name (Print or Type)			
Address			
Telephone Number	E-Mail Ac	ldress	
My familiarity with applicant is:	This exam only	Regular physician for	years
My familiarity with diving medicine	e is:		



California State Universities - Ocean Studies Institute Required Water Skills and Equipment



Swim Test Requirements

There will be a swim evaluation at the beginning of this course. This evaluation will include:

- •400 meter swim, within 12 minutes
- •Tread water continuously for 10 minutes, or 2 minutes without the use of hands.
- •Underwater swim for a distance of 25 meters, without surfacing
- •Surface dive to 10' to recover an unresponsive swimmer on the bottom, and transport on the surface 25 meters

<u>Please Note:</u> Anyone who does not successfully complete all components of the swim test will not be permitted to participate in Scientific Diving beyond the Diver in Training level.

Re	Required Equipment Check List				
	Swimsuit, towel, sunscreen and hat				
	Pen, paper, etc. for taking notes				
	Mask, fins, snorkel				
	Booties				
	Wetsuit (6-7mm or 1/4", with hood, is recommended), or dry suit (must provide proof of dry suit training)				
	Gloves				
	Weight belt, and/or integrated weights				
	Regulator				
	Buoyancy Control Device				
	Submersible Air-Pressure Gauge (tank pressure)				
	Depth Gauge or computer				
	Timing Device (Dive Watch, Computer, etc.)				
	Dive Knife or other cutting device (e.g., scissors)				
	Surface Marker Buoy (SMB) and reel				
	Whistle or other surface, sound-signaling device				
	Underwater Compass				
	Underwater Slate				
	Dive Log				
	Dive Tables (whichever you are accustomed to using)				
	Gear Bag (for carrying dive gear to and from sites, and possible storage at Catalina)				

Please Note: A visual inspection of all dive equipment will be conducted on the first day. Equipment deemed "unsafe" or NOT in good working order, will not be allowed for use in the course.







Instructions for completing CSU/OSI Annual Equipment Service Record

Completion and submission of this document is the responsibility of the individual diver.

In the first (top) section, fill out your name and phone number, make, model and serial number for each piece of equipment. Some items, (e.g. SPG, Depth Gauge) may not have a serial number – if you don't have one put "n/a" in the field. Don't leave any field empty. Do not rely on the dive shop or service technician to do this for you.

As you may be using the same set of equipment for several years, after you've filled out this basic information, keep a master copy for future use. This will save you the trouble of filling out these fields every year. Keep receipts for new dive gear and note the purchase date(s) on the form. Some manufacturers will provide free parts as long as you stick to the service schedule and keep good records. This can save you a fair amount of money over time.

New equipment (purchased within the previous 12 months), unless required by the manufacturer, <u>need</u> <u>not be tested</u>. Complete the top portion of the form only, and note "New Gear" in the box provided at the bottom of the form. See sample provided.

For all other equipment, the balance of the document should be filled out, <u>completely</u>, by the dive shop or service technician – again, there should be no empty fields.

In the second section, regulator testing, each column should be completed and "yes or no" under rebuild should be ticked as described below – a sample of each is attached.

Test Only: Each column should be completed and "yes or no" under rebuild should be ticked.

Manufacturer Required Service: The first column may be crossed out - there's no need for incoming testing if service/rebuild is required per the manufacturers specifications. The rest of the columns should be completed and "yes" under rebuild should be ticked.

In the third section, all of the appropriate boxes should be ticked off (see samples).

Forms that are incomplete, or filled out incorrectly, will be rejected – <u>save yourself return trips to the</u> <u>dive shop by reviewing the form before you leave – this is the responsibility of the individual diver.</u>

It's recommended that you provide a copy of these instructions to the shop/technician. If they have additional questions, they can contact the Dive Office using the information provided below.

Darrell Montague
Dive and Boat Safety Officer
California State Universities, Ocean Studies Institute
Southern California Marine Institute
820 S. Seaside Ave
Terminal Island CA 90731
626-399-3308
Darrell.Montague@csulb.edu
www.scmi.net

SAMPLE FORM - TEST ONLY

. 0.	AMERICAN ACADEMY OF UNDERWATER SCIENCES REQUIRED ANNUAL EQUIPMENT SERVICE RECORD *												
CEAN STUDIES						PHONE #: 202-555-0197							
						PHONE #: 202-555-0173							
							SHOP EMAIL: 202-555-0146						
	TECH NAME: Dan Aqua Man						SERVICE DATE: 13/13/2013						
NSTITUTE	MAKE				MODEL			SERIAL NUMBER					
REGULATOR 1ST STAGE	Aqualung			Titan			D0484890						
REGULATOR 2ND STAGE	Aqualung			Titan			D0484890						
OCTOPUS	Aqualung			ABS			D0354840	1					
BCD	Aqualung			Pro L	LT			BB397617	' 0				
SPG	Suunto			4000	psi			B29					
DEPTH GAUGE	N/A												
COMPUTER	Sunnto			Zoop)			333035321	1				
REGULATOR SET	INCOMING			ANUFACT	URER SPECS		OUTG	OING	REBUILD				
REGULATOR 1ST STAGE	I.P. 132 I.P.			P. 135 +/- 5psi		I.P.	140		YES	X	NO		
DECUMATOR ON STAGE	INHALE 2.8 INHAL			IHALE .08 - 1.4		INHALE 1.4		YES	X	NO			
REGULATOR 2ND STAGE	EXHALE 1.9 EXHA		EXHALE	XHALE 0.5 - 1.2		EXHALE 0.8		YES	X	NO			
				NHALE 1.6		INHALE 1.6		YES		NO	X		
OCTOPUS	EXHALE 1.2	EXHALE 0.5 - 1.2			EXHALE 0.8			YES		NO	X		
BCD/GAUGES/HOSES		INCO	MING					OUTG	OING				
BCD	OPV: P⊠F□	DV: P⊠F□	PI: P	X F 🗆	LT: P⊠F□	REPAIR: YES □ NO ☒			REBU	ILD: YES	S D NO) X	
DRYSUIT	E/IV: P□F□	S: P □ F □	Z: P	□ F □	LT: P 🗆 F 🗆	REPAIR: YES □ NO □			REBUILD: YES □ NO □				
SPG	PRESSURE TE	ST: P⊠F□	W	WATER TEST: P ☑ F □			REPLACE SPOOL: YES □ NO 🏻			REPLACE O-RING: YES ☒ NO ☐			
DEPTH GAUGE	PRESSURE TE	ST: P□F□	W.	WATER TEST: P□F□			REPAIR: YES □ NO □			REPLACE: YES □ NO □			
COMPUTER	PT: P⊠F□	WT: P⊠F□	FT: P	⊠ F □	BT: P⊠F□	REPLACE BATTERY: YES ☑ NO ☐		NEW COMPUTER: YES □ NO ☒					
HOSES	HP LEAK TEST: P ☑ F □ LP L			LEAK TES	T: P⊠F□	REPLAC	E HP: Y	ES 🗆 NO 🖾	REPLAC	E LP: Y	ES 🗆 I	10 🗵	
BCD = Buoyancy Compensation SPG = Submersible Pressure Good OPV = Over Pressure Valve DV = Dump Valve PI = Power Inflator I.P. = Intermediate Pressure Questions - contact Darrell Modern	auge	WT = Water Test FT = Func BT = Battery Test HP = High Pressure P = Pass F = Fail PT = Pressure Test y Officer 626.399.33		Vc S = Seals Z = Zippe LT = Leak	er Test : Test	NOTES							
* PLEASE NOTE: OSI/AAUS	Standards only re	equire annual "te:	sting and	inspecti	on" of dive equip	oment. "Se	rvicing"	of dive equipme	ent is only	necesso	ary if it fo	ils to	

^{*} PLEASE NOTE: OSI/AAUS Standards only require annual "testing and inspection" of dive equipment. "Servicing" of dive equipment is only necessary if it fails to pass testing and inspection, or is required according to manufacturer's specifications. New gear tested only if required by manufacturer.

SAMPLE FORM - MANUFACTURER REQUIRED SERVICE

NSTE	AMERICAN ACADEMY OF UNDERWATER SCIENCES REQUIRED ANNUAL EQUIPMENT SERVICE RECORD *											
OCEAN STUDIES	DIVER NAME: Jane Doris					PHONE # : 202-555-0197						
	SHOP NAME: Scuba Ba Do Ba Do					PHONE #: 202-555-0173						
							SHOP EMAIL: 202-555-0146					
							SERVICE DATE: 13/13/2013					
NSTITUTE	MAKE				MODEL			SERIAL NUMBER				
REGULATOR 1ST STAGE	Aqualung			Titan				D0484890				
REGULATOR 2ND STAGE	Aqualung			Titan			D0484890					
OCTOPUS	Aqualung			ABS			D0354840					
BCD	Aqualung			Pro I	Т			BB397617	0			
SPG	Suunto			4000	psi			B29				
DEPTH GAUGE	N/A											
COMPUTER	Sunnto		Zoop)			33303532	1				
REGULATOR SET	INCOMING			ANUFACT	URER SPECS		OUTG	OING	REBUILD			
REGULATOR 1ST STAGE	I.P.	I.P.	135 +/-	5psi	I.P.	I.P. 140		YES	X	NO		
REGULATOR 2ND STAGE	INHALE	INHALE .08 - 1.4		INHALE 1.4		YES	X	NO				
	EXHALE E		EXHALE 0.5 - 1.2			EXHALE 0.8		YES	X	NO		
	INHALE			INHALE 1.6			INHALE 1.6			X	NO	
OCTOPUS	EXHALE		EXHALE 0.5 - 1.2		EXHALE 0.8		YES	図	NO			
BCD/GAUGES/HOSES	INCOMING							OUTG	OING			
BCD	OPV: P⊠F□	DV: P⊠F□	PI: P	PI: P⊠F□ LT: P⊠F□		REPAIR: YES □ NO ☒			REBUILD: YES □ NO ☒			
DRYSUIT	E/IV: P□F□	S: P □ F □	Z: P	□ F □	LT: P 🗆 F 🗆	REPAIR: YES □ NO □		REBUILD: YES □ NO □				
SPG	PRESSURE TE	ST: P⊠F□	W	WATER TEST: P ⊠ F □			REPLACE SPOOL: YES □ NO ☒			REPLACE O-RING: YES ☑ NO □		
DEPTH GAUGE	PRESSURE TE	ST: P 🗆 F 🗆	W.	WATER TEST: P□F□			REPAIR: YES □ NO □			REPLACE: YES □ NO □		
COMPUTER	PT: P⊠F□	WT: P⊠F□	FT: P	⊠ F □	□ BT: P ☑ F □ REPLAC		REPLACE BATTERY: YES \boxtimes NO \square		NEW COMPUTER: YES □ NO ☒			
HOSES	HP LEAK TEST: P ☑ F □ LP LEAK TEST:			T: P⊠F□	REPLAC	E HP: Y	ES 🗆 NO 🖾	REPLAC	E LP: Y	ES 🗆 N	IO 🗵	
BCD = Buoyancy Compensation SPG = Submersible Pressure Good OPV = Over Pressure Valve DV = Dump Valve PI = Power Inflator I.P. = Intermediate Pressure Questions - contact Darrell Model	auge	WT = Water Test FT = Func BT = Battery Test HP = High Pressure P = Pass F = Fail PT = Pressure Test y Officer 626.399.33		Va S = Seals Z = Zippe LT = Leak	r Test Test	NOTES						
* PLEASE NOTE: OSI/AAUS	Standards only re	equire annual "te	sting and	inspecti	on" of dive equip	pment. "Se	rvicing"	of dive equipme	ent is only	necesso	ary if it fa	ils to

pass testing and inspection, or is required according to manufacturer's specifications. New gear tested only if required by manufacturer.

SAMPLE FORM - NEW EQUIPMENT

		AMERICANIAC	A DEALY O	- IINDED	WATER COLENIOES	DECUIDED ANNU	AL FOUIDAAFNIT CEI	NAICE BECORD #	1		
CEAN STUDIES			ADEM1 O	FUNDER	WATER SCIENCES	REQUIRED ANNUAL EQUIPMENT SERVICE RECORD *					
						PHONE #: 202-555-0197					
						PHONE #: 202-555-0173					
		scubabadobado.	com/			SHOP EMAIL: 202-555-0146					
No. TE	TECH NAME:	CH NAME: Dan Aqua Man				13/13/2013 New Gear Purchase					
ASTITUTE	MAKE				MODEL	-		SERIAL NUMBER			
REGULATOR 1ST STAGE	Aqualung			Titan							
REGULATOR 2ND STAGE	Aqualung			Titan		D0484890					
OCTOPUS	Aqualung		ABS			D0354840					
BCD	Aqualung			Pro I	T		BB3976170				
SPG	Suunto	4000psi				B29					
DEPTH GAUGE	N/A										
COMPUTER	Sunnto		Zoop)		33303532	1				
RECORDED SET	INCO	M	ANUFACT	URER SPECS	OUTG	OING	REBUILD				
REGULATOR 1ST STAGE	I.P.	I.P.			I.P.		YES 🗆	NO 🗆			
DECILIATOR OND STACE	INHALE	INID			INHALE		YES 🗆	NO 🗆			
REGULATOR 2ND STAGE	EXHALE	EXHALE			EYHALE		YES 🗆	NO □			
	INHALE	INHALE			INHALE		YES 🗆	NO 🗆			
OCTOPUS	EXHALE	EXHALE			EXHALE YES 🗆			NO 🗆			
BCD/CAUGES/HOSES		MING			OUTGOING						
BCD	OI VI P [DV: P□F□	PI: P	□ F □	LT: P 🗆 F 🗆	REPAIR: YES □ NO □		REBUILD: YES □ NO □			
DRYSUIT	E/IV: P□F□	S: PLIF	Z: P [] F 🗆	LT: P 🗆 F 🗆	REPAIR: YES	NO 🗆	REBUILD: Y	ES 🗆 NO 🗆		
SPG	PRESSURE TE	ST: P 🗆 F 🗆	W	ATER IES	PTET	REPLACE SPOOL	: YES 🗆 NO 🗆	REPLACE O-RING: YES □ NO □			
DEPTH GAUGE	PRESSURE TE	ST: P 🗆 F 🗆	WATER TEST: P□F□			NEL AID. YE	S □ NO □	REPLACE: YES □ NO □			
COMPUTER	PT: P □ F □	WT: P□F□	FT: P	□ F □	BT: P□F□	REPLACE BATTER	Y: YES 🗆 NO ե	NEW COMPUTER: YES □ NO □			
HOSES	HP LEAK TES	ST: P 🗆 F 🗆	LP	LEAK TES	T: P 🗆 F 🗆	REPLACE HP:	res 🗆 no 🗆	REPLACE LP:	YES L NO [
BCD = Buoyancy Compensation	on Device	WT = Water Test			naust & Inlet	NOTES					
SPG = Submersible Pressure Gauge FT = Func					ılves Test						
OPV = Over Pressure Valve BT = Battery Tes: DV = Dump Valve HP = High Pressu		•	S = Seals Test			Lucky you - all new dive gear!					
PI = Power Inflator			Z = Zipper Test LT = Leak Test								
I.P. = Intermediate Pressure PT = Pressure Test			Li Loui	. 1001							
Questions - contact Darrell Montague, Dive Safety Officer 626.399.3308 darrell.montague@csulb.edu											
* PLEASE NOTE: OSI/AAUS	Standards only re	equire annual "te	sting and	inspecti	on" of dive equip	pment. "Servicing	of dive equipme	ent is only neces	sary if it fails to		

pass testing and inspection, or is required according to manufacturer's specifications. New gear tested only if required by manufacturer.

C. A.N. S. T.U.D.I.E.S	AMERICAN ACADEMY OF UNDERWATER SCIENCES REQUIRED ANNUAL EQUIPMENT SERVICE RECORD *									
	DIVER NAME:				PHONE #:	PHONE #:				
	SHOP NAME:				PHONE #:					
	SHOP WEB:				SHOP EMAIL:					
	TECH NAME:				SERVICE DATE:					
NSTITUTE		MAKE		MODE	L SERIAL NUMBER					
REGULATOR 1ST STAGE										
REGULATOR 2ND STAGE										
OCTOPUS										
BCD										
SPG										
DEPTH GAUGE										
COMPUTER										
					1					
REGULATOR SET		MING		CTURER SPECS		OING	REBUILD			
REGULATOR 1ST STAGE	I.P.		I.P.		I.P.		YES 🗆	NO 🗆		
REGULATOR 2ND STAGE	INHALE		INHALE		INHALE		YES 🗆	NO 🗆		
	EXHALE		EXHALE		EXHALE		YES 🗆	NO 🗆		
	INHALE		INHALE	INHALE			YES 🗆	NO 🗆		
OCTOPUS	EXHALE		EXHALE	EXHALE			YES 🗆	NO 🗆		
DCD/CAUCES/UOSES		INCC	MINC			OUTC	SOING			
BCD/GAUGES/HOSES		1	MING	<u> </u>			GOING			
BCD	OPV: P 🗆 F 🗆	DV: P 🗆 F 🗆	PI: P 🗆 F 🗆		REPAIR: YES NO		REBUILD: YES NO			
DRYSUIT	E/IV: P □ F □	S: P □ F □	Z: P □ F □	Z: P 🗆 F 🗆 LT: P 🗆 F 🗆		□ NO □	REBUILD: YES NO			
SPG	PRESSURE TE	ST: P 🗆 F 🗆	WATER T	EST: P 🗆 F 🗆	REPLACE SPOOL:	YES □ NO □	REPLACE O-RING: YES □ NO □			
DEPTH GAUGE	PRESSURE TE	ST: P 🗆 F 🗆	WATER TEST: P□F□		REPAIR: YES □ NO □		REPLACE: YES □ NO □			
COMPUTER	PT: P □ F □	WT: P□F□	FT: P □ F □	BT: P □ F □	REPLACE BATTERY: YES □ NO □		NEW COMPUTER: YES □ NO □			
HOSES	HP LEAK TES	ST: P 🗆 F 🗆	LP LEAK	TEST: P□F□	REPLACE HP:	'ES 🗆 NO 🗆	REPLACE LP: YES □ NO □			
BCD = Buoyancy Compensat	ion Device	WT = Water Test	E/IV =	Exhaust & Inlet	NOTES					
SPG = Submersible Pressure G		FT = Func	_,	Valves Test						
		BT = Battery Test	S = Se	als Test						
DV = Dump Valve			z = Zip	per Test						
PI = Power Inflator		P = Pass F = Fail	LT = Le	eak Test						
I.P. = Intermediate Pressure		PT = Pressure Test								
Questions - contact Darrell Mo	ontague, Dive Safet	y Officer 626.399.3	308 darrell.mont	ague@csulb.edu	<u> </u>					
* PLEASE NOTE: OSI/AAUS										
pass testi	ing and inspection	n, or is required a	ccording to mo	anufacturer's speci	fications. New ged	ar tested only if re	equired by manuf	acturer.		

LOCAL GEAR SERVICE PROVIDERS

For your convenience, listed below are shops that can provide a full range of services to completely satisfy the record-keeping requirements. If the work is outsourced, it's noted in parentheses. Make sure you contact the shops ahead of time to confirm services, fees and turnaround times.

Scubatude Santa Clarita

<u>Aquanautics</u> Sylmar (outsourced)

Malibu Divers Malibu (Malibu Scuba Repair)

Hollywood Divers (outsourced to Malibu Scuba Repair)

Zen Dive Co. Pasadena

Pacific Wilderness Long Beach

Deep Blue Scuba Long Beach

Ocean Gear Huntington Beach

Beach Cities Scuba (Cypress & Dana Point locations)

<u>Dive and Photo</u> Costa Mesa (outsourced)

Ocean Enterprises San Diego