MEGALODON PRE DIVE CHECK LIST (APECS 2.0)

ame: _	Date of pre-dive:/							
g ID: _		Sensor S/N: (1)	(2)	(3) _				
P	BATTERY DA	TES INSTALLED	PRIMARY	SECO	NDARY			
e- dive	e start time:	Stop time:	Table 1					
itials	Note: Initi	al only when task has b	peen performed.					
			n, damage, and lubrica	tion during assemb	oly.			
		d diluent cylinders. diluent 1st stage assen Analyze O ₂	nblies and mount cyling (98.0% Min).	lers if necessary.				
4.		ent and bailout/deco	cylinders if using r					
5.	Install BC b		2					
6.	Install back p	late assembly.						
		erlungs to back plate as		d account all bases	to homeon on			
9.	Conduct a bre	eathing check on check eassembly to counterlun	oses to counterlungs an valves in DSV assemb	oly. Confirm flow,	right to left.	sy.		
10.	Record accun	nulated service time on	CO ₂ absorbent:	min. Expiration da	ate:			
12.	Fill scrubber	canister, if fresh scrubl	oer needed.	•				
		enum canister moisture	pads.					
	Install CO ₂ ca	anister. canister mating O-ring	on cancor carriaga					
		rs and sensor wires.	on sensor carriage.					
	Install sensor							
18.	Install sensor	carriage assembly.						
19.	Positive press	sure test sensor carriage	e assembly (one-way w	ater check valve).				
		ssure test sensor carriag		-11 C 1	4-1			
— 21.	Inspect hatter	y connectors and batte	integrity (O-rings, and	an fixed compone	ms).			
		nary and secondary po						
24.	Check O2 PR	IMARY sensor my in a	ambient air in system m	nonitor S-1	S-2	_S-3		
25.	Check O2 SEC	CONDARY sensor mv	in ambient air in syste	m monitor S-1	S-2	S-3		
26.	Conduct "air p	point" of calibration if	necessary (See operation	on manual).	0 01			
27.	Complete cali	bration if necessary (So	ee operation manual). (Note highest senso	or my for fina	al O ₂ flush)		
		embly to gas plenum ca	y operation (Disregard	ii canbrating).				
²⁹ .	Secure remain	ing breathing hoses to	head assembly					
31.	Install HUD (Only for C2R with opti	ion).					
32.	Inspect all har	nd tight fittings.						
33.	Perform positi	ive pressure test (Vent	valve).					
34.	Open O ₂ and o	diluent cylinder valves.						
— 35.	Verify O ₂ and	diluent bypass valve o	peration.	C2D:414:)				
30. 37	Pecord cylind	ar pressures (PSI/RAP	lve operation (Only for) O ₂ : Diluer	C2K with option)	•			
— 37. 38	Close O ₂ and o	diluent valves Wait 2:	min. then record pressu	res: (PSI/BAR) O) ₂ · D	iluent		
39.	Perform negat	ive pressure test (30 se	c. test).	(1515111)	z z			
		ply hose to O2 supply is						
41.	Perform breatl	hing test to verify set p	oint operation (0.7).					
			Load voltage		RY No-Load			
		ate power for duration or less. DO NOT DIV	on of planned dive. Re E with low batteries.	place batteries Bl	EFORE DIV	ING if batt		
		ays to back plate assem						
44.			the above tasks is in q					
15	of the C2F Remarks (con		t dive the C2R! Cons		manual or c	all ISC.		
	Remarks (con							

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ate of post-dive:/	/				
ost dive start time:	Stop ti	me:	_		
nitials Note: Initial	only when tas	sk has been per	formed.		
1. Rinse C2R in fi 2. Record cylinde: 3. Secure O ₂ and c 4. Disconnect all 1 5. Remove DSV a 6. Remove moistu 7. Rinse counterlu 8. Remove back p 9. Remove lid ass 10. Remove sensor 12. Wipe down lid 13. Rinse/disinfect 14. Remove and fil 15. Record accumu 16. If scrubber absc If necessary 17. Record Scrubbe 18. Record maximu dive. 19. Log PRIMAR' Replace batteries. 20. Power off the p	r pressures O ₂ , filuent cylinde L.P. hoses, AD sseembly from the pads from congs and disinfulate assembly from gater canister and moisture pad assembly and assembly and dinside of gas part 10 and diluer lated CO ₂ scruorbent service for and battery of the pads and the pads a	rs and bleed doV, and display counterlungs a counterlungs. Heect. Hang to dr and BC. s plenum canist moisture pads and wring out. set down so set olenum canister t cylinders. libber absorptio time expired, reperational tim (ft/m) age Loa IE NEXT DIV	own system via by s from various a and gas plenum of gas plenum of the control of	bypass valves. seemblies. canister. Rinse and citional component) . 2. and dump. Rinse so meminSECONDARY	crubber canister
Accumulated Time:	Previous	This Dive	Total Used	Time Allowed	Time Remaining
Primary Battery					
Secondary Battery					
CO ₂ Scrubber					
CO ₂ Scrubber					

Diver: _

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