LONG BEACH FIRE DEPARTMENT Marine Safety Division

TRAINING ACTION PLAN

Dry Suit Pool Skills



Operational PeriodDate From: 11/21/2024DateTime From: 0800 HoursTime

Date To: 11/21/2024 Time To: 1200 Hours

Approved By Incident Commander:

Rank, First Initial, Last Name

1. Incident Name:	2. Operational Peri	od: Date From:	Date To:
n molacin Name.		Time From:	Time To:
3. Objective(s):		Time From.	Time 10.
S. Objective(S).			
4. Operational Period Command Emph	asis:		
General Situational Awareness			
5. Site Safety Plan Required? Yes 🗌 N	lo 🗌		
Approved Site Safety Plan(s) Locate	d at:		
6. Incident Action Plan (the items check	ed below are included i	n this Incident Action Pla	an):
□ ICS 203 □ ICS 207		Other Attachments:	
□ ICS 204 □ ICS 208			
☐ ICS 205		□	
□ ICS 205A □ Weather For	ecast/Tides/Currents	□	
□ ICS 206			
7. Prepared by: Name:	Position/Title:	Sig	nature:
8. Approved by Incident Commander:			e:
ICS 202 IAP Page	Date/Time:	_	-

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Inc	iden	t Name:		2. Date/Time	Prepared:			3. Operational Period:						
				Date:					Date	From:	Date To:			
				Time:				Time	e From:	Time To:				
4. Ba	sic R	adio Channel Use:												
Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	T) Tone/	X /NAC	Mode (A, D, or M)	Remarks			
5. Sp	ecial	Instructions:												
6. Pre	pare	d by (Communicati	ons Unit Leader) Na	ame:				Si	gnatu	re:				
	CS 205 IAP Page Date/Time:													

MEDICAL PLAN (ICS 206)

1. Incident Name	e:		2. Operational P	eriod:	Date From: Time From:		ate To: ime To:			
3. Medical Aid S	tations:									
Nierre			La cardia c			ontact	Paramedics on Site?			
Name			Location		Number(s	s)/Frequency				
								s 🗌 No		
4. Transportatio	n (indicat	e air or ground):				1 1	T			
Ambulance S	ervice		Location			ontact s)/Frequency	Level o	f Service		
						<u>, , , ,</u>	ALS	BLS		
							ALS	BLS		
							ALS	BLS		
							ALS	BLS		
5. Hospitals:					•					
		Address,	Contact	Tra	avel Time					
Hospital Name		de & Longitude f Helipad	Number(s)/ Frequency	Air	Ground	Trauma Center	Burn Center	Helipad		
			Troquency	7 41	Orouna	☐ Yes		☐ Yes		
						Level:				
						Yes Level:	☐ Yes ☐ No	☐ Yes ☐ No		
						Yes Level:	☐ Yes ☐ No	☐ Yes ☐ No		
						Yes Level:	☐ Yes ☐ No	☐ Yes ☐ No		
						Yes Level:	☐ Yes ☐ No	☐ Yes ☐ No		
6. Special Medic	al Emerg	jency Procedures	:		·					
Check box if a	aviation a	ssets are utilized fo	r rescue. If assets	are us	ed, coordinat	e with Air Oper	ations.			
7. Prepared by (Medical L	Init Leader): Name):		Signa	ature:				
8. Approved by	(Safety O	fficer): Name:			Signatu	re:				
ICS 206		P Page	Date/Time:							

SAFET	Y MESSAGE/PLAN (ICS 208)	
	2. Operational Period: Date From:	Date To:
	Time From:	Time To:

3. Safety Message/Expanded Safety Message, Safety Plan, Site Safety Plan:

1. Incident Name:

4. Site Safety Plan Re Approved Site Safe	quired? Yes D No description No No Restrict to the second strain to the second strain terms of terms o		
5. Prepared by: Name):	Position/Title:	Signature:
ICS 208	IAP Page	Date/Time:	





Long Beach Fire Department Dive Team Dive Plan

Date: 11-21-2024 Loc		on: Silverado Pool	Dive Supervisor: Williams
Depth:14'		Visibility: 80ft	Temp: 75 to 80 deg
Equipment:	Wet	🖂 Dry 🛛 🗌 RDU	🖂 SCUBA 🛛 🖂 Surface Comms
Dive Type: Wat	termanship Pool Skil	ls	
	Entanglement Other:	Overhead Environment	Pollution Strong Current
Dive 1 1	ime:0900	Dive 2 Time:	Dive 3 Time:
Divers: Jimenez	2	Divers:	Divers:
Beebe, RIC: Mathis		RIC:	RIC:
Start P.G.: A Depth: 14 F		Start P.G.: Depth:	Start P.G.: Depth:
Bottom Time: 60 M		Bottom Time:	Bottom Time:
Safety N/A Stop:		Safety Stop:	Safety Stop:
End P.G.: G Surface Interval:		End P.G: Surface Interval:	End P.G.: Surface Interval:
Coverage: RB-1	ABM	Coverage:	Coverage:

Notifications:

USCG (310) 521-3815

Catalina Hyperbaric Chamber (310) 510-4020

Dive Description/Sketch: Dry Suit Pool Skills

Objectives:

- Confined Water Dry Suit Training
- Dry Suit Operation Lecture
- Dry Suit Fit
- Install Dry Suit Inflation Hose on Regulator
- Don Gear/ Pre-Dive Safety Check
- Giant Stride Entry (move to the shallow end)
- Review Inflation and Deflation
- Descend to the Deep End adding air to the Dry Suit as Needed
- Com Check with Topside
- Add Air / Dump Air
- Fin Pivot Using Dry Suit Inflation
- Dry Suit hose Remove & Replace
- Neutral Buoyancy Hover 1 Minute Dry Suit Inflation
- Neutral Buoyancy Swim
- Dry Suit Inverted Float with Emergency Roll-Out
- Neutral Buoyancy Hover with Inflation & Deflation Valves Actuated Simultaneously
- Controlled Ascent
- Deep Water Exit

Schedule and Covrage: Refer to Telestaff: RB1 cover the Bay, RB3 0800 at Silverado Pool (BDU's)



NOAA NO-DECOMPRESSION TABLE MULTIPLE AIR DIVES

	WAF	RNING:	EVEN	STRIC	T COI	VIPLIAN	ICE W	VITH '	THES	SE .					СН/	ART	1.	– DI	VE	тім	ES V	NITH		ID-C)F-D	IVE	GR	OUP	LE	тте	R	
	DEC	ARTS W COMPR STRONG	ESSIO	N SICK	NESS	CONS.	OIDAN SERV	NCE (OF E USA	AGE					DEF msw	PTH fsw		00		XIMU -STOF	M P TIME									ON STO		00 00
	F	RNT	BESI		NITRO	GEN T	IME								12.2	40	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	<mark>180</mark> 14
		ABT													13.7	45	11	17	24	31	39	46	55	63	72	82	92	102	114	125	<mark>130</mark> 2	150 25
		SDT		VALEN	NT SIN	IGLE D	IVE TI	IME					/		15.2	50	9	15	21	28	34	41	48	56	63	71	80	89	92)	100 4	110 8	
	DETI	E ESDT ERMIN	-									/	/ /		16.8	55	8	14	19	25	31	37	43	50		63	71	(74)	80	90	100	
		TER GF									/	/ /			18.3	60	7	12	17	22	28	33	39	45	51	57	60	65	4	10 80	17 90	
	THE	SE CH	ARTS	ARE B	ASED	ON				/	/	/ /			21.3	70	6	10	14	19	23	28	32	37	42	47	48	2 55	60	14 70	23	
		LES 7,				nebbit		_/		/	/	/ /	/ /	//	24.4	80	5	9	12	16	20	24	28	32	36	(39)	45	9	14 50	24 60	-	
									/	/	/				24.4	90	4	7	11	14	17	21	20 24	28	<u>30</u>	35	10	40		30		
								/	◀	/					30.5	100		6	9	12	15	18	21	25		4 30		14 35	23 40			┢
				/			/	/							33.5	110	3	6	8	11	14	16	19	20	<mark>25</mark> 3	3	<mark>30</mark> 14	15	26 35 27	\square		\vdash
			/	/	/	/ /		./	/				/		36.6	120	3	5	7	10	12	15		20 2	3	<mark>25</mark> 8	14	<mark>30</mark> 24				┢
			/	/	/			/	/			\geq	/		39.6	130	2	4	6	9	(10)	\square	15		<mark>20</mark> 4	•	<mark>25</mark> 17	24				
	$\left(\right)$	$\left(\right)$	$\left(\right)$	·	 	/	/ ſ		/	/	/	/							-	-			I		4		1 17					
													ſ				Α	В	c	D	E	F	G	н	1	J	K	Ļ	м	N	0	z
fsw msw	40 12.2	45 13.7	50 15.2	55 16.8	60 18.3	70 21.3	80 24.) 9 .4 2)0 7.4 ;	100 <i>30,5</i>	110 33.5	120 36.6	130 <i>39.6</i>	GROUP			V	J	↓	J	\downarrow	\downarrow	↓	\downarrow	V	V	V	\downarrow	J	\downarrow	↓	↓
	<mark>13</mark> 150	12 113	11 81	10 64	9 51	8 40	7 32		<mark>6</mark> 24	5 20	5 15	5 10	4	<a th="" ►<=""><th></th><th></th><th>2:20 :10</th><th>3:36 1:17</th><th>4:31 2:12</th><th>5:23 3:04</th><th>6:15 3:56</th><th>7:08 4:49</th><th>8:00 5:41</th><th>8:52 6:33</th><th>9:44 7:25</th><th>10:36 8:17</th><th>11:29 9:10</th><th>12:21 10:02</th><th>13:13 10:54</th><th>14:05 11:46</th><th>14:58 12:38</th><th>15:50 13:31</th>			2:20 :10	3:36 1:17	4:31 2:12	5:23 3:04	6:15 3:56	7:08 4:49	8:00 5:41	8:52 6:33	9:44 7:25	10:36 8:17	11:29 9:10	12:21 10:02	13:13 10:54	14:05 11:46	14:58 12:38	15:50 13:31
	21 142	18 107	17 75	<mark>15</mark> 59	14 46	12	10	0	9 21	<mark>8</mark> 17	8 12	7 8	6 4	<₿				1:16 :10	2:11 :56	3:03 1:48	3:55 2:40	4:48 3:32	5:40 4:24	6:32 5:17	7:24 6:09	8:16 7:01	9:09 7:53	10:01 8:45	10:53 9:38		12:37 11:22	13:30 12:14
	<mark>29</mark> 134	25 100	23 69	<mark>20</mark> 54	19 41	16 32	14 25	4 1	12 18	11 14	10 10	9 6	9 1	∢ C					:55 :10	1:47 :53	2:39 1:45	3:31 2:38	4:23 3:30	5:16 4:22	6:08 5:14	7:00 6:07	7:52 6:59	8:44 7:51	9:37 8:43		11:21 10:28	12:13 11:20
W) DULE	37 126	32 93	29 63	<mark>26</mark> 48	24 36	20 28	18 21	B	16 14	14 11	13 7	12 3								:52 :10	1:44 :53	2:37 1:45	3:29 2:38	4:21 3:30	5:13 4:22	6:06 5:14	6:58 6:07	7:50 6:59	8:42 7:51		10:27 9:35	11:19 10:28
2.2 MS SCHE	45 118	40 85	35 57	32 42	29 31	25 23	22 17	2	<mark>19</mark> 11	17 8	16 4	14 1		∢ E							:52 :10	1:44 :53	2:37 1:45	3:29 2:38	4:21 3:30	5:13 4:22	6:06 5:14	6:58 6:07	7:50 6:59	8:42 7:51	9:34 8:43	10:27 9:35
SW (12 TTIVE	55 108	48 77	42 50	38 36	35 25	29 19	2 !	5 2	22 8	20 5	18 2	L.		∢ F								:52 :10	1:44 :53	2:37 1:45	3:29 2:38	4:21 3:30	5:13 4:22	6:06 5:14	6:58 6:07	7:50 6:59	8:42 7:51	9:34 8:43
J 40 FS REPET	64 99	56 69	49 43	44 30	40 20	34 14	29 10	9 2	26 4	23 2		F		∢G									:52 :10	1:44 :53	2:37 1:45	3:29 2:38	4:21 3:30	5:13 4:22	6:06 5:14	6:58 6:07	7:50	8:42 7:51
THAN ISW) F	74 89	64 61	57 35	51 23	46 14	39 9	33 6	3 2	- 29 1	-		F		<Η								-		:52 :10	1:44 :53	2:37 1:45	3:29 2:38	4:21 3:30	5:13 4:22	6:06 5:14	6:58 6:07	7:50
DIVES SHALLOWER THAN 40 FSW (12.2 MSW) THE 40 FSW (12.2 MSW) REPETITIVE SCHEDUI	85 78	73 52	65 27	58 16	52 8	44 4	38 1	3	Ì																:52 :10	1:44 :53	2:37 1:45	3:29 2:38	4:21 3:30	5:13 4:22	6:06 5:14	6:58 6:07
HALLO FSW (97	83	73	65 9	58 2	4	Ľ	t				⊢		∢ J										1	.10	:52 :10	1:44 :53	2:30	3:29 2:38	4:22	5:14 5:13 4:22	6:06 5:14
VES S HE 40 I	66 109	42 93	19 81	72	2		┢	$^+$				⊢		∢ K													:52 :10	1:44 :53	2:30 2:37 1:45	3:29 2:38	4:21	5:13
VE DI' JSE TH	54 122	32 104	11 90 2	2		T		\dagger				\vdash																.53 (:52 (:10	1:45 1:44 :53	2:30 2:37 1:45	3:30 3:29 2:38	4:22 4:21 3:30
REPETITIVE D ARE TO USE 1	41 136 27	21 115 10	2			T	F	\dagger				\vdash		< <u>−</u>															:53 :52 :10	1:45 1:44 :53	2:37	3:30 3:29 2:38
REF	152	10				\square		\dagger						∢ N														ר 	.10	:53 :52 :10	1:45	2:38 2:37 1:45
	11					\vdash	t	+				\vdash		∢ 0																	:53 :52 :10	1:45 1:44 :53
														·																- 1	.10	.53
								Τ						₹Z																		:52 :10

CHART 3 – REPETITIVE DIVE TIME

00 BLACK NUMBERS (TOP) ARE RESIDUAL NITROGEN TIMES (RNT) BLACK NUMBERS (BOTTOM) ARE ADJUSTED NO-STOP REPETITIVE DIVE TIMES ACTUAL DIVE TIME SHOULD NOT EXCEED THIS NUMBER

CHART 2 - SURFACE INTERVAL TIME

Time Ranges in hours: minutes Enter Chart 2 from the top, move down to find surface interval time, move left to find the next repetitive group letter.

PUBLIC SAFETY DIVE TEAM REPETITIVE DIVE LOG

Date: November 21, 2024

Location: Silverado Pool

Dive Supervisor: Williams

Tables Used: Noaa

Dive Type: Training

Dive Description: Dry Suit

	Swim Time	Snorkel Swim/Kick	BEG. PG	STARTING PSI	TIME DOWN	MAX. DEPTH	TIME UP	SAFETY STOP	ENDING PSI	RES. NIT. TI ME	TOTAL TIME	END PG
Williams												
Mathison												
Jimenez												
Beebe												
McColl												



LONG BEACH FIRE DEPARTMENT TRAINING DIVISION

ROSTER / SIGN-IN SHEET

Type of Training / Drill:	Location: Silverado Pool	Date:
Dry Suit Pool Skills	Time: 0900-1200	11/21/2024
Coordinator: J. Williams	1.	

#	Print Last Name, First Name	Agency	Station / Shift	Signature/Phone #
_				
_				
-				
-				
	E			
_				
-				