APPENDIX D MSW AIR DECOMPRESSION TABLE WITH 3 MSW LAST STOP. VVAL-79 THALMANN ALGORITHM

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
9	394	1:00	AIR											0	1:00	0	Z
			AIR/O_2											**0**	1:00		
9	420	0:40	AIR											5	6:00	0.5	Z
			AIR/O_2											**2**	3:00		
9	480	0:40	AIR											12	13:00	0.5	Z
			AIR/O_2											**6**	7:00		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
9	540	0:40	AIR											21	22:00	0.5	
			AIR/O_2											**10**	11:00		
9	600	0:40	AIR											30	31:00	1	
			AIR/O_2											**15**	16:00		
9	660	0:40	AIR											36	37:00	1	
			AIR/O_2											**18**	19:00		
9	720	0:40	AIR											45	46:00	1	
			AIR/O_2											**22**	23:00		
12	170	1:20	AIR											0	1:20	0	O
			AIR/O_2											**0**	1:20		
12	180	1:00	AIR											5	6:20	0.5	Z
			AIR/O_2											**3**	4:20		
12	190	1:00	AIR											8	9:20	0.5	Z
			AIR/O_2											**5**	6:20		
12	200	1:00	AIR											12	13:20	0.5	Z
			AIR/O_2											**7**	8:20		
12	210	1:00	AIR											15	16:20	0.5	Z
			AIR/O_2											**9**	10:20		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
12	220	1:00	AIR											18	19:20	0.5	Z
			AIR/O_2											**10**	11:20		
12	230	1:00	AIR											24	25:20	0.5	Z
			AIR/O_2											**12**	13:20		
12	240	1:00	AIR											29	30:20	1	Z
			AIR/O_2											**15**	16:20		
12	270	1:00	AIR											42	43:20	1	Z
			AIR/O_2											**23**	24:20		
12	300	1:00	AIR											53	54:20	1.5	Z
			AIR/O_2											**29**	30:20		
12	330	1:00	AIR											63	64:20	1.5	Z
			AIR/O_2											**34**	35:20		
12	360	1:00	AIR											75	76:20	1.5	

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
			AIR/O_2											**39**	45:20		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
12	420	1:00	AIR											96	97:20	2	
			AIR/O_2											**51**	57:20		
12	480	1:00	AIR											117	118:20	2.5	
			AIR/O_2											**60**	66:20		
12	540	1:00	AIR											142	143:20	3	
			AIR/O_2											**71**	82:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
12	600	1:00	AIR											164	165:20	3.5	
			AIR/O_2											**84**	95:20		
12	660	1:00	AIR											183	184:20	3.5	
			AIR/O_2											**94**	105:20		
12	720	1:00	AIR											198	199:20	4	
			AIR/O_2											**103**	119:20		
15	97	1:40	AIR											0	1:40	0	M
			AIR/O_2											**0**	1:40		
15	100	1:20	AIR											2	3:40	0.5	M
			AIR/O_2											**1**	2:40		
15	110	1:20	AIR											6	7:40	0.5	N
			AIR/O_2											**3**	4:40		
15	120	1:20	AIR											9	10:40	0.5	O
			AIR/O_2											**5**	6:40		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
15	130	1:20	AIR											17	18:40	0.5	O
			AIR/O_2											**10**	11:40		
15	140	1:20	AIR											24	25:40	1	Z
			AIR/O_2											**14**	15:40		
15	150	1:20	AIR											31	32:40	1	Z
			AIR/O_2											**17**	18:40		
15	160	1:20	AIR											37	38:40	1	Z
			AIR/O_2											**21**	22:40		
15	170	1:20	AIR											43	44:40	1	Z
			AIR/O_2											**24**	25:40		
15	180	1:20	AIR											48	49:40	1	Z
			AIR/O_2											**27**	28:40		
15	190	1:20	AIR											57	58:40	1.5	Z
			AIR/O_2											**31**	32:40		
15	200	1:20	AIR											64	65:40	1.5	Z
			AIR/O_2											**35**	36:40		
15	210	1:20	AIR											72	73:40	1.5	Z
			AIR/O_2											**39**	45:40		
15	220	1:20	AIR											79	80:40	2	Z
			AIR/O_2											**43**	49:40		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
15	230	1:20	AIR											85	86:40	2	Z
			AIR/O_2											**46**	52:40		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
15	240	1:00	AIR											2 90	93:20	2	Z
			AIR/O_2											**1 49**	56:20		
15	270	1:00	AIR											9 101	111:20	2.5	
			AIR/O_2											**5 54**	65:20		
15	300	1:00	AIR											14 117	132:20	2.5	
			AIR/O_2											**8 60**	79:20		
15	330	1:00	AIR											25 126	152:20	3	
			AIR/O_2											**12 66**	89:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
15	360	1:00	AIR											34 138	173:20	3.5	
			AIR/O_2											**17 69**	97:20		
15	420	1:00	AIR											47 169	217:20	4	
			AIR/O_2											**24 81**	121:20		
18	65	2:00	AIR											0	2:00	0	K
			AIR/O_2											**0**	2:00		
18	70	1:40	AIR											4	6:00	0.5	L
			AIR/O_2											**3**	5:00		
18	80	1:40	AIR											12	14:00	0.5	M
			AIR/O_2											**7**	9:00		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
18	90	1:40	AIR											19	21:00	0.5	N
			AIR/O_2											**11**	13:00		
18	100	1:40	AIR											24	26:00	1	O
			AIR/O_2											**14**	16:00		
18	110	1:40	AIR											34	36:00	1	O
			AIR/O_2											**19**	21:00		
18	120	1:40	AIR											44	46:00	1	Z
			AIR/O_2											**25**	27:00		
18	130	1:20	AIR											1 53	55:40	1.5	Z
			AIR/O_2											**1 29**	31:40		
18	140	1:20	AIR											4 59	64:40	1.5	Z
			AIR/O_2											**2 33**	36:40		
18	150	1:20	AIR											6 65	72:40	1.5	Z
			AIR/O_2											**3 36**	45:40		
18	160	1:20	AIR											8 75	84:40	2	Z
			AIR/O_2											**4 40**	50:40		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
18	170	1:20	AIR											14 81	96:40	2	Z
			AIR/O_2											**7 43**	56:40		
18	180	1:20	AIR											19 86	106:40	2.5	Z
			AIR/O_2											**10 45**	61:40		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
18	190	1:20	AIR										24	91	116:40	2.5	Z
			AIR/O_2										**13**	**47**	66:40		
18	200	1:20	AIR										29	94	124:40	2.5	Z
			AIR/O_2										**16**	**49**	71:40		
18	210	1:20	AIR										33	99	133:40	3	
			AIR/O_2										**18**	**51**	80:40		
18	220	1:20	AIR										37	106	144:40	3	
			AIR/O_2										**20**	**53**	84:40		
18	230	1:20	AIR										41	112	154:40	3	
			AIR/O_2										**22**	**55**	88:40		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
18	240	1:20	AIR										44	119	164:40	3.5	
			AIR/O_2										**24**	**58**	93:40		
18	270	1:20	AIR										60	131	192:40	4	
			AIR/O_2										**31**	**65**	112:40		
18	300	1:20	AIR										75	147	223:40	4	
			AIR/O_2										**39**	**69**	124:40		
21	50	2:20	AIR											0	2:20	0	K
			AIR/O_2											**0**	2:20		
21	55	2:00	AIR											7	9:20	0.5	K
			AIR/O_2											**4**	6:20		
21	60	2:00	AIR											13	15:20	0.5	L
			AIR/O_2											**7**	9:20		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
21	70	2:00	AIR											24	26:20	0.5	M
			AIR/O_2											**13**	15:20		
21	80	2:00	AIR											33	35:20	1	N
			AIR/O_2											**18**	20:20		
21	90	1:40	AIR										5	36	43:00	1	O
			AIR/O_2										**3**	**19**	24:00		
21	100	1:40	AIR										11	44	57:00	1.5	Z
			AIR/O_2										**6**	**24**	32:00		
21	110	1:40	AIR										15	52	69:00	1.5	Z
			AIR/O_2										**8**	**29**	44:00		
21	120	1:40	AIR										19	59	80:00	2	Z
			AIR/O_2										**11**	**32**	50:00		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
21	130	1:40	AIR										23	70	95:00	2	Z
			AIR/O_2										**12**	**37**	56:00		
21	140	1:40	AIR										28	79	109:00	2.5	Z
			AIR/O_2										**15**	**40**	62:00		
21	150	1:40	AIR										37	84	123:00	2.5	Z
			AIR/O_2										**20**	**43**	70:00		
21	160	1:40	AIR										44	89	135:00	3	Z

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
			AIR/O_2										**24**	**45**	81:00		
21	170	1:20	AIR									1	51	93	146:40	3	
			AIR/O_2									**1**	**26**	**49**	87:40		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
21	180	1:20	AIR									2	56	102	161:40	3.5	
			AIR/O_2									**1**	**30**	**51**	92:40		
21	190	1:20	AIR									3	61	110	175:40	3.5	
			AIR/O_2									**2**	**32**	**53**	98:40		
21	200	1:20	AIR									7	62	118	188:40	3.5	
			AIR/O_2									**4**	**32**	**56**	103:40		
21	210	1:20	AIR									11	65	125	202:40	4	
			AIR/O_2									**6**	**33**	**60**	115:40		
Exceptional Exposure SurDO2----------																	
21	240	1:20	AIR									23	77	145	246:40	4.5	
			AIR/O_2									**12**	**38**	**67**	133:40		
24	40	2:40	AIR											0	2:40	0	J
			AIR/O_2											**0**	2:40		
24	45	2:20	AIR											8	10:40	0.5	K
			AIR/O_2											**5**	7:40		
In-Water Air/O_2 Decompression or SurDO$_2$ Recommended----------																	
24	50	2:20	AIR											16	18:40	0.5	L
			AIR/O_2											**9**	11:40		
24	55	2:20	AIR											24	26:40	0.5	L
			AIR/O_2											**13**	15:40		
24	60	2:20	AIR											31	33:40	1	M
			AIR/O_2											**17**	19:40		
24	70	2:00	AIR										7	35	44:20	1	N
			AIR/O_2										**4**	**20**	26:20		
24	80	2:00	AIR										16	37	55:20	1.5	O
			AIR/O_2										**9**	**19**	30:20		
24	90	2:00	AIR										24	46	72:20	1.5	Z
			AIR/O_2										**13**	**24**	44:20		
24	100	2:00	AIR										31	53	86:20	2	Z
			AIR/O_2										**16**	**30**	53:20		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO$_2$ Required																	
24	110	1:40	AIR									5	31	68	106:00	2	Z
			AIR/O_2									**3**	**16**	**34**	60:00		
24	120	1:40	AIR									9	33	81	125:00	2.5	Z
			AIR/O_2									**5**	**16**	**40**	68:00		
24	130	1:40	AIR									12	41	87	142:00	3	Z
			AIR/O_2									**6**	**21**	**43**	82:00		
24	140	1:40	AIR									15	47	93	157:00	3	Z
			AIR/O_2									**8**	**24**	**46**	90:00		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
24	150	1:40	AIR									18	53	102	175:00	3.5	
			AIR/O_2									**9**	**28**	**49**	98:00		
24	160	1:40	AIR									20	59	112	193:00	3.5	
			AIR/O_2									**10**	**32**	**51**	105:00		
24	170	1:40	AIR									24	62	121	209:00	4	
			AIR/O_2									**13**	**32**	**55**	117:00		
24	180	1:40	AIR									31	66	127	226:00	4	
			AIR/O_2									**16**	**33**	**58**	124:00		
Exceptional Exposure SurDO2----------																	
24	210	1:40	AIR									48	79	156	285:00	5	
			AIR/O_2									**25**	**38**	**67**	152:00		
27	34	3:00	AIR											0	3:00	0	J
			AIR/O_2											**0**	3:00		
27	35	2:40	AIR											2	5:00	0.5	J
			AIR/O_2											**1**	4:00		
27	40	2:40	AIR											13	16:00	0.5	K
			AIR/O_2											**7**	10:00		
In-Water Air/O_2 Decompression or SurDO$_2$ Recommended----------																	
27	45	2:40	AIR											23	26:00	0.5	L
			AIR/O_2											**13**	16:00		
27	50	2:40	AIR											32	35:00	1	M
			AIR/O_2											**18**	21:00		
27	55	2:20	AIR										5	35	42:40	1	M
			AIR/O_2										**3**	**19**	24:40		
27	60	2:20	AIR										12	35	49:40	1	N
			AIR/O_2										**7**	**19**	28:40		
27	70	2:20	AIR										24	35	61:40	1.5	Z
			AIR/O_2										**13**	**19**	34:40		
27	80	2:00	AIR									3	31	45	81:20	2	Z
			AIR/O_2									**2**	**16**	**24**	49:20		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO$_2$ Required																	
27	90	2:00	AIR									11	31	59	103:20	2	Z
			AIR/O_2									**6**	**16**	**30**	59:20		
27	100	2:00	AIR									18	31	76	127:20	2.5	Z
			AIR/O_2									**9**	**17**	**35**	68:20		
27	110	2:00	AIR									23	36	87	148:20	3	Z
			AIR/O_2									**12**	**18**	**40**	82:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
27	120	2:00	AIR									28	43	94	167:20	3	Z
			AIR/O_2									**14**	**23**	**44**	93:20		
27	130	1:40	AIR								4	28	51	105	190:00	3.5	
			AIR/O_2								4	**14**	**27**	**49**	106:20		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
27	140	1:40	AIR								7	28	59	116	212:00	4	
			AIR/O_2								7	**14**	**32**	**52**	122:20		
27	150	1:40	AIR								9	33	64	125	233:00	4	
			AIR/O_2								9	**17**	**33**	**56**	132:20		
Exceptional Exposure SurDO_2----------																	
27	160	1:40	AIR								11	39	70	134	256:00	4.5	
			AIR/O_2								11	**20**	**33**	**62**	143:20		
27	170	1:40	AIR								13	45	75	145	280:00	5	
			AIR/O_2								13	**23**	**36**	**65**	154:20		
27	180	1:40	AIR								15	50	80	158	305:00	5	
			AIR/O_2								15	**25**	**40**	**67**	169:20		
27	190	1:40	AIR								16	55	84	171	328:00	5.5	
			AIR/O_2								16	**28**	**42**	**70**	178:20		
27	200	1:40	AIR								21	56	89	183	351:00	5.5	
			AIR/O_2								21	**28**	**45**	**75**	191:20		
27	210	1:40	AIR								26	56	98	191	373:00	6	
			AIR/O_2								26	**29**	**47**	**81**	210:20		
27	220	1:40	AIR								31	58	104	199	394:00	6.5	
			AIR/O_2								31	**29**	**50**	**86**	223:20		
27	230	1:40	AIR								36	62	109	206	415:00	6.5	
			AIR/O_2								36	**31**	**51**	**92**	237:20		
27	240	1:40	AIR								40	66	112	214	434:00	7	
			AIR/O_2								40	**33**	**54**	**96**	250:20		
30	27	3:20	AIR											0	3:20	0	I
			AIR/O_2											**0**	3:20		
30	30	3:00	AIR											2	5:20	0.5	J
			AIR/O_2											**1**	4:20		
30	35	3:00	AIR											14	17:20	0.5	K
			AIR/O_2											**8**	11:20		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
30	40	3:00	AIR											26	29:20	1	L
			AIR/O_2											**15**	18:20		
30	45	2:40	AIR										3	35	41:00	1	M
			AIR/O_2										**2**	**19**	24:00		
30	50	2:40	AIR										12	35	50:00	1	N
			AIR/O_2										**6**	**20**	29:00		
30	55	2:40	AIR										20	35	58:00	1.5	N
			AIR/O_2										**11**	**19**	33:00		
30	60	2:40	AIR										28	35	66:00	1.5	O
			AIR/O_2										**15**	**19**	37:00		
30	70	2:20	AIR									9	31	44	86:40	2	Z
			AIR/O_2									**5**	**16**	**22**	50:40		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
30	80	2:20	AIR									20	31	60	113:40	2.5	Z
			AIR/O_2									**10**	**17**	**28**	62:40		
30	90	2:00	AIR								1	27	32	79	141:20	2.5	Z
			AIR/O_2								1	**14**	**16**	**35**	74:00		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
30	100	2:00	AIR								7	28	38	92	167:20	3	Z
			AIR/O_2								7	**14**	**20**	**42**	95:40		
30	110	2:00	AIR								13	28	47	102	192:20	3.5	
			AIR/O_2								13	**14**	**25**	**48**	112:40		
30	120	2:00	AIR								17	28	57	115	219:20	4	
			AIR/O_2								17	**14**	**30**	**52**	130:40		
30	130	2:00	AIR								21	30	65	125	243:20	4	
			AIR/O_2								21	**16**	**32**	**57**	143:40		
Exceptional Exposure SurDO_2----------																	
30	140	2:00	AIR								25	37	72	136	272:20	4.5	
			AIR/O_2								25	**19**	**34**	**63**	158:40		
30	150	1:40	AIR							2	26	44	78	149	301:00	5	
			AIR/O_2							2	26	**22**	**38**	**66**	176:20		
33	21	3:40	AIR											0	3:40	0	H
			AIR/O_2											**0**	3:40		
33	25	3:20	AIR											4	7:40	0.5	I
			AIR/O_2											**2**	5:40		
33	30	3:20	AIR											12	15:40	0.5	K
			AIR/O_2											**7**	10:40		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
33	35	3:00	AIR										1	26	30:20	1	L
			AIR/O_2										**1**	**14**	18:20		
33	40	3:00	AIR										5	35	43:20	1	M
			AIR/O_2										**3**	**19**	25:20		
33	45	3:00	AIR										16	35	54:20	1.5	N
			AIR/O_2										**9**	**19**	31:20		
33	50	3:00	AIR										26	35	64:20	1.5	O
			AIR/O_2										**14**	**19**	36:20		
33	55	2:40	AIR									4	31	35	73:00	1.5	O
			AIR/O_2									**2**	**17**	**19**	46:00		
33	60	2:40	AIR									11	31	40	85:00	2	Z
			AIR/O_2									**6**	**16**	**20**	50:00		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
33	70	2:40	AIR									25	31	57	116:00	2.5	Z
			AIR/O_2									**13**	**16**	**26**	63:00		
33	80	2:20	AIR								8	27	31	81	149:40	2.5	Z
			AIR/O_2								8	**14**	**16**	**35**	81:20		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
33	90	2:20	AIR								16	28	39	94	179:40	3	Z
			AIR/O_2								16	**14**	**20**	**44**	107:00		
33	100	2:20	AIR								23	28	49	107	209:40	3.5	
			AIR/O_2								23	**14**	**26**	**50**	126:00		
33	110	2:00	AIR							4	25	28	59	122	240:20	4	
			AIR/O_2							4	25	**14**	**32**	**55**	147:40		
Exceptional Exposure SurDO2----------																	
33	120	2:00	AIR							9	25	34	71	132	273:20	4.5	
			AIR/O_2							9	25	**17**	**34**	**62**	164:40		
33	150	2:00	AIR							19	27	56	89	181	374:20	5.5	
			AIR/O_2							19	27	**28**	**45**	**75**	216:40		
33	180	1:40	AIR						2	23	46	66	113	213	465:00	7	
			AIR/O_2						2	23	46	**33**	**54**	**96**	281:20		
36	16	4:00	AIR											0	4:00	0	G
			AIR/O_2											**0**	4:00		
36	20	3:40	AIR											3	7:00	0.5	H
			AIR/O_2											**2**	6:00		
36	25	3:20	AIR										1	8	12:40	0.5	J
			AIR/O_2										**1**	**4**	8:40		
In-Water Air/O_2 Decompression or SurDO$_2$ Recommended----------																	
36	30	3:20	AIR										4	19	26:40	0.5	K
			AIR/O_2										**2**	**11**	16:40		
36	35	3:20	AIR										7	32	42:40	1	L
			AIR/O_2										**4**	**18**	25:40		
36	40	3:00	AIR									1	16	35	55:20	1.5	M
			AIR/O_2									**1**	**8**	**20**	32:20		
36	45	3:00	AIR									2	27	35	67:20	1.5	N
			AIR/O_2									**1**	**14**	**20**	38:20		
36	50	3:00	AIR									8	31	35	77:20	1.5	Z
			AIR/O_2									**4**	**17**	**19**	48:20		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO$_2$ Required																	
36	55	3:00	AIR									17	31	41	92:20	2	Z
			AIR/O_2									**9**	**16**	**20**	53:20		
36	60	3:00	AIR									25	31	49	108:20	2	Z
			AIR/O_2									**13**	**16**	**23**	60:20		
36	70	2:40	AIR								11	28	31	76	149:00	2.5	Z
			AIR/O_2								11	**14**	**17**	**32**	82:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
36	80	2:40	AIR								22	28	37	94	184:00	3	Z
			AIR/O_2								22	**14**	**19**	**44**	112:20		
36	90	2:20	AIR							6	25	28	49	110	220:40	3.5	
			AIR/O_2							6	25	**14**	**26**	**51**	135:00		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
36	100	2:20	AIR							13	26	27	64	124	256:40	4	
			AIR/O_2							13	26	**14**	**32**	**57**	160:00		
Exceptional Exposure SurDO2----------																	
36	110	2:20	AIR							19	26	36	74	138	295:40	4.5	
			AIR/O_2							19	26	**18**	**36**	**64**	181:00		
36	120	2:00	AIR						2	23	25	45	82	157	336:20	5	
			AIR/O_2						2	23	25	**23**	**40**	**69**	204:40		
39	12	4:20	AIR											0	4:20	0	F
			AIR/O_2											**0**	4:20		
39	15	4:00	AIR											2	6:20	0.5	G
			AIR/O_2											**1**	5:20		
39	20	4:00	AIR											8	12:20	0.5	I
			AIR/O_2											**5**	9:20		
In-Water Air/O_2 Decompression or SurDO$_2$ Recommended----------																	
39	25	3:40	AIR										5	11	20:00	0.5	K
			AIR/O_2										**3**	**6**	13:00		
39	30	3:20	AIR									1	8	26	38:40	1	L
			AIR/O_2									**1**	**4**	**14**	22:40		
39	35	3:20	AIR									4	11	35	53:40	1.5	M
			AIR/O_2									**2**	**6**	**20**	31:40		
39	40	3:20	AIR									6	23	35	67:40	1.5	N
			AIR/O_2									**3**	**12**	**20**	38:40		
39	45	3:20	AIR									10	31	35	79:40	2	O
			AIR/O_2									**5**	**17**	**19**	49:40		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO$_2$ Required																	
39	50	3:00	AIR								1	20	31	40	95:20	2	Z
			AIR/O_2								1	**10**	**17**	**19**	55:40		
39	55	3:00	AIR								3	27	31	51	115:20	2	Z
			AIR/O_2								3	**14**	**16**	**23**	64:00		
39	60	3:00	AIR								11	27	32	66	139:20	2.5	Z
			AIR/O_2								11	**14**	**16**	**29**	79:00		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
39	70	3:00	AIR								25	28	33	92	181:20	3	Z
			AIR/O_2								25	**14**	**17**	**42**	111:40		
39	80	2:40	AIR							11	25	28	47	109	223:00	3.5	
			AIR/O_2							11	25	**14**	**25**	**51**	139:20		
39	90	2:40	AIR							20	26	27	64	125	265:00	4	
			AIR/O_2							20	26	**14**	**31**	**58**	167:20		
Exceptional Exposure SurDO2----------																	
39	100	2:20	AIR						5	23	25	37	77	141	310:40	4.5	
			AIR/O_2						5	23	25	**19**	**37**	**65**	192:00		
39	110	2:20	AIR						11	23	25	48	84	164	357:40	5	
			AIR/O_2						11	23	25	**24**	**42**	**70**	218:00		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
39	120	2:20	AIR						16	23	27	55	93	184	400:40	6	
			AIR/O_2						16	23	27	**28**	**47**	**76**	240:00		
39	150	2:00	AIR					5	22	23	51	72	120	222	517:20	7.5	
			AIR/O_2					5	22	23	51	**36**	**58**	**103**	330:40		
39	180	2:00	AIR					12	21	43	55	91	156	232	612:20	9	
			AIR/O_2					12	21	43	55	**45**	**72**	**118**	403:40		
42	10	4:40	AIR											0	4:40	0	E
			AIR/O_2											**0**	4:40		
42	15	4:20	AIR											4	8:40	0.5	G
			AIR/O_2											**3**	7:40		
42	20	4:00	AIR										4	9	17:20	0.5	J
			AIR/O_2										**2**	**5**	11:20		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
42	25	3:40	AIR									2	8	16	30:00	1	K
			AIR/O_2									**1**	**4**	**9**	18:00		
42	30	3:40	AIR									6	7	32	49:00	1	M
			AIR/O_2									**3**	**4**	**18**	29:00		
42	35	3:20	AIR								2	7	17	35	64:40	1.5	N
			AIR/O_2								2	**3**	**10**	**19**	38:00		
42	40	3:20	AIR								3	7	31	35	79:40	1.5	O
			AIR/O_2								3	**4**	**16**	**19**	51:00		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
42	45	3:20	AIR								5	17	31	40	96:40	2	Z
			AIR/O_2								5	**9**	**16**	**19**	58:00		
42	50	3:20	AIR								6	27	31	50	117:40	2	Z
			AIR/O_2								6	**14**	**16**	**22**	67:20		
42	55	3:20	AIR								15	28	30	68	144:40	2.5	Z
			AIR/O_2								15	**14**	**16**	**29**	83:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
42	60	3:00	AIR							1	23	27	31	83	168:20	2.5	Z
			AIR/O_2							1	23	**14**	**16**	**36**	104:00		
42	70	3:00	AIR							13	25	28	43	103	215:20	3.5	
			AIR/O_2							13	25	**14**	**22**	**49**	136:40		
42	80	2:40	AIR						1	24	25	28	60	123	264:00	4	
			AIR/O_2						1	24	25	**14**	**30**	**57**	169:20		
Exceptional Exposure SurDO_2----------																	
42	90	2:40	AIR						11	23	25	36	77	141	316:00	4.5	
			AIR/O_2						11	23	25	**18**	**38**	**64**	197:20		
45	9	5:00	AIR											0	5:00	0	E
			AIR/O_2											**0**	5:00		
45	10	4:40	AIR											2	7:00	0.5	F
			AIR/O_2											**1**	6:00		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
45	15	4:20	AIR										3	5	12:40	0.5	H
			AIR/O_2										**2**	**2**	8:40		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
45	20	4:00	AIR									1	7	9	21:20	0.5	J
			AIR/O_2									**1**	**4**	**4**	13:20		
45	25	4:00	AIR									6	8	22	40:20	1	L
			AIR/O_2									**3**	**4**	**12**	23:20		
45	30	3:40	AIR								3	7	11	35	60:00	1.5	N
			AIR/O_2								3	**4**	**5**	**20**	36:20		
45	35	3:40	AIR								6	7	24	35	76:00	1.5	O
			AIR/O_2								6	**3**	**13**	**20**	46:20		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
45	40	3:20	AIR							1	7	13	31	38	93:40	2	Z
			AIR/O_2							1	7	**6**	**17**	**19**	59:00		
45	45	3:20	AIR							3	6	24	31	49	116:40	2	Z
			AIR/O_2							3	6	**12**	**17**	**22**	69:00		
45	50	3:20	AIR							3	14	28	30	67	145:40	2.5	Z
			AIR/O_2							3	14	**14**	**16**	**29**	85:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
45	55	3:20	AIR							5	22	27	32	83	172:40	2.5	Z
			AIR/O_2							5	22	**14**	**16**	**36**	107:20		
45	60	3:20	AIR							10	25	28	36	95	197:40	3	Z
			AIR/O_2							10	25	**14**	**18**	**45**	126:00		
45	70	3:00	AIR						2	23	26	27	52	120	253:20	4	
			AIR/O_2						2	23	26	**14**	**27**	**55**	165:40		
Exceptional Exposure SurDO2----------																	
45	80	3:00	AIR						14	23	25	33	75	136	309:20	4.5	
			AIR/O_2						14	23	25	**17**	**36**	**63**	196:40		
45	90	2:40	AIR					2	22	23	25	46	86	164	371:00	5	
			AIR/O_2					2	22	23	25	**23**	**43**	**70**	231:20		
45	100	2:40	AIR					10	21	24	27	56	98	189	428:00	6	
			AIR/O_2					10	21	24	27	**29**	**48**	**79**	266:20		
45	110	2:40	AIR					17	21	23	38	65	109	207	483:00	6.5	
			AIR/O_2					17	21	23	38	**33**	**51**	**91**	303:20		
45	120	2:20	AIR				2	20	22	23	48	73	118	221	529:40	7.5	
			AIR/O_2				2	20	22	23	48	**36**	**58**	**101**	343:00		
45	130	2:20	AIR				7	19	22	30	50	81	133	228	572:40	8	
			AIR/O_2				7	19	22	30	50	**41**	**62**	**110**	374:00		
45	140	2:20	AIR				10	20	21	38	54	87	148	232	612:40	8.5	
			AIR/O_2				10	20	21	38	54	**43**	**69**	**116**	409:00		
45	150	2:20	AIR				13	20	22	45	60	95	162	232	651:40	9	
			AIR/O_2				13	20	22	45	60	**46**	**74**	**121**	438:00		
45	180	2:00	AIR			2	18	20	41	46	78	116	193	232	748:20	10	
			AIR/O_2			2	18	20	41	46	78	**56**	**94**	**121**	518:40		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
48	8	5:20	AIR											0	5:20	0	E
			AIR/O_2											**0**	5:20		
48	10	5:00	AIR											4	9:20	0.5	F
			AIR/O_2											**2**	7:20		
48	15	4:20	AIR									1	4	7	16:40	0.5	I
			AIR/O_2									**1**	**2**	**4**	11:40		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
48	20	4:20	AIR									4	8	10	26:40	0.5	K
			AIR/O_2									**2**	**5**	**4**	15:40		
48	25	4:00	AIR								3	7	8	28	50:20	1	M
			AIR/O_2								3	**4**	**4**	**15**	30:40		
48	30	3:40	AIR							1	6	7	17	35	70:00	1.5	N
			AIR/O_2							1	6	**4**	**8**	**20**	43:20		
48	35	3:40	AIR							4	6	7	31	35	87:00	1.5	Z
			AIR/O_2							4	6	**4**	**16**	**19**	58:20		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
48	40	3:40	AIR							5	7	19	31	46	112:00	2	Z
			AIR/O_2							5	7	**10**	**16**	**22**	69:20		
48	45	3:20	AIR						1	6	10	27	31	64	142:40	2.5	Z
			AIR/O_2						1	6	10	**14**	**16**	**28**	83:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO2 Required----------																	
48	50	3:20	AIR						2	7	19	28	31	82	172:40	2.5	Z
			AIR/O_2						2	7	19	**14**	**17**	**35**	102:00		
48	55	3:20	AIR						2	11	25	28	36	95	200:40	3	Z
			AIR/O_2						2	11	25	**14**	**18**	**45**	129:00		
48	60	3:20	AIR						5	17	25	28	45	108	231:40	3.5	
			AIR/O_2						5	17	25	**14**	**24**	**50**	149:00		
48	70	3:20	AIR						14	23	25	28	69	128	290:40	4	
			AIR/O_2						14	23	25	**14**	**34**	**60**	189:00		
Exceptional Exposure SurDO2----------																	
48	80	3:00	AIR					5	21	23	26	42	83	157	360:20	5	
			AIR/O_2					5	21	23	26	**21**	**42**	**68**	229:40		
51	7	5:40	AIR											0	5:40	0	E
			AIR/O_2											**0**	5:40		
51	10	5:00	AIR										2	4	11:20	0.5	G
			AIR/O_2										**1**	**2**	8:20		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
51	15	4:40	AIR									3	4	9	21:00	0.5	I
			AIR/O_2									**2**	**2**	**4**	13:00		
51	20	4:20	AIR								2	6	8	16	36:40	1	L
			AIR/O_2								2	**3**	**4**	**8**	22:00		
51	25	4:00	AIR							1	6	7	8	34	60:20	1	M
			AIR/O_2							1	6	**4**	**4**	**18**	37:40		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
51	30	4:00	AIR							5	6	7	23	35	80:20	1.5	O
			AIR/O_2							5	6	**3**	**13**	**19**	50:40		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
51	35	3:40	AIR						2	5	7	13	31	42	104:00	2	Z
			AIR/O_2						2	5	7	**7**	**16**	**20**	66:20		
51	40	3:40	AIR						3	6	9	24	31	58	135:00	2.5	Z
			AIR/O_2						3	6	9	**12**	**16**	**27**	82:20		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
51	45	3:40	AIR						5	6	16	28	31	79	169:00	2.5	Z
			AIR/O_2						5	6	16	**14**	**17**	**33**	100:20		
51	50	3:20	AIR					1	5	10	23	28	35	94	199:40	3	Z
			AIR/O_2					1	5	10	23	**14**	**18**	**44**	129:00		
51	55	3:20	AIR					1	8	15	25	28	45	107	232:40	3.5	
			AIR/O_2					1	8	15	25	**14**	**23**	**51**	151:00		
51	60	3:20	AIR					1	11	21	25	28	55	121	265:40	4	
			AIR/O_2					1	11	21	25	**14**	**29**	**55**	175:00		
Exceptional Exposure SurDO_2----------																	
51	70	3:20	AIR					6	19	23	26	36	79	144	336:40	5	
			AIR/O_2					6	19	23	26	**18**	**39**	**66**	216:00		
51	80	3:20	AIR					16	22	23	25	52	91	179	411:40	5.5	
			AIR/O_2					16	22	23	25	**26**	**46**	**74**	256:00		
51	90	3:00	AIR				7	19	22	23	35	64	107	203	483:20	6.5	
			AIR/O_2				7	19	22	23	35	**32**	**50**	**89**	305:40		
51	100	3:00	AIR				15	19	22	23	47	74	118	222	543:20	7.5	
			AIR/O_2				15	19	22	23	47	**37**	**57**	**102**	355:40		
51	110	2:40	AIR			3	19	19	22	31	50	84	137	229	597:00	8	
			AIR/O_2			3	19	19	22	31	50	**42**	**63**	**112**	399:20		
51	120	2:40	AIR			9	18	20	21	42	57	92	156	232	650:00	9	
			AIR/O_2			9	18	20	21	42	57	**45**	**72**	**118**	440:20		
51	150	2:20	AIR		3	17	19	20	41	49	78	119	194	232	774:40	10.5	
			AIR/O_2		3	17	19	20	41	49	78	**58**	**94**	**121**	543:00		
51	180	2:20	AIR		9	18	18	40	43	68	94	151	203	232	878:40	11	
			AIR/O_2		9	18	18	40	43	68	94	**72**	**102**	**121**	633:00		
54	6	6:00	AIR											0	6:00	0	E
			AIR/O_2											**0**	6:00		
54	10	5:20	AIR										3	5	13:40	0.5	G
			AIR/O_2										**2**	**2**	9:40		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
54	15	4:40	AIR								2	3	5	9	24:00	0.5	J
			AIR/O_2								2	**2**	**2**	**5**	16:20		
54	20	4:20	AIR							1	4	7	7	22	45:40	1	L
			AIR/O_2							1	4	**4**	**3**	**12**	29:00		
54	25	4:20	AIR							4	7	6	13	35	69:40	1.5	N
			AIR/O_2							4	7	**3**	**7**	**20**	46:00		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
54	30	4:00	AIR						2	6	7	6	30	36	91:20	1.5	Z
			AIR/O_2						2	6	7	**3**	**16**	**19**	62:40		
54	35	4:00	AIR						5	6	6	20	31	50	122:20	2	Z
			AIR/O_2						5	6	6	**10**	**17**	**23**	76:40		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
54	40	3:40	AIR					2	5	6	12	28	30	73	160:00	2.5	Z
			AIR/O_2					2	5	6	12	**14**	**16**	**32**	95:40		
54	45	3:40	AIR					3	5	10	19	28	34	91	194:00	3	Z
			AIR/O_2					3	5	10	19	**14**	**17**	**42**	124:20		
54	50	3:40	AIR					4	7	13	25	28	43	104	228:00	3.5	
			AIR/O_2					4	7	13	25	**14**	**23**	**49**	149:20		
54	55	3:40	AIR					4	11	19	25	28	54	120	265:00	4	
			AIR/O_2					4	11	19	25	**14**	**28**	**55**	175:20		
Exceptional Exposure SurDO2----------																	
54	60	3:40	AIR					8	12	23	26	28	71	129	301:00	4.5	
			AIR/O_2					8	12	23	26	**14**	**35**	**61**	198:20		
54	70	3:20	AIR				3	12	21	23	26	45	87	165	385:40	5	
			AIR/O_2				3	12	21	23	26	**23**	**43**	**70**	245:00		
57	5	6:20	AIR											0	6:20	0	D
			AIR/O_2											**0**	6:20		
57	10	5:20	AIR									1	4	5	15:40	0.5	H
			AIR/O_2									**1**	**2**	**2**	10:40		
In-Water Air/O_2 Decompression or SurDO_2 Recommended----------																	
57	15	5:00	AIR								3	4	7	8	27:20	0.5	K
			AIR/O_2								3	**2**	**4**	**4**	18:40		
57	20	4:40	AIR							3	5	7	8	27	55:00	1	M
			AIR/O_2							3	5	**4**	**4**	**14**	35:20		
57	25	4:20	AIR						2	6	6	7	19	35	79:40	1.5	O
			AIR/O_2						2	6	6	**4**	**10**	**19**	52:00		
Exceptional Exposure In-Water Air Decompression - In-Water Air/O_2 Decompression or SurDO_2 Required																	
57	30	4:00	AIR					1	5	6	6	12	31	43	108:20	2	Z
			AIR/O_2					1	5	6	6	**6**	**17**	**20**	70:40		
57	35	4:00	AIR					3	6	5	8	25	31	63	145:20	2.5	Z
			AIR/O_2					3	6	5	8	**13**	**16**	**28**	88:40		
Exceptional Exposure In-Water Air/O_2 Decompression ---- SurDO_2 Required----------																	
57	40	4:00	AIR					5	5	8	16	28	31	86	183:20	2.5	Z
			AIR/O_2					5	5	8	16	**14**	**17**	**37**	116:40		
57	45	3:40	AIR				2	4	6	12	24	28	41	98	219:00	3.5	
			AIR/O_2				2	4	6	12	24	**14**	**21**	**47**	144:20		
57	50	3:40	AIR				2	5	10	17	25	28	52	117	260:00	3.5	
			AIR/O_2				2	5	10	17	25	**14**	**27**	**54**	168:20		
57	55	3:40	AIR				3	8	10	23	26	27	70	127	298:00	4	
			AIR/O_2				3	8	10	23	26	**14**	**33**	**61**	197:20		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
Exceptional Exposure SurDO2----------																	
57	60	3:40	AIR				4	10	16	23	26	37	79	144	343:00	5	
			AIR/O_2				4	10	16	23	26	**19**	**38**	**66**	221:20		
57	70	3:40	AIR				9	16	21	24	25	54	94	185	432:00	6	
			AIR/O_2				9	16	21	24	25	**28**	**47**	**77**	271:20		
57	80	3:20	AIR			3	15	20	22	23	39	68	112	211	516:40	7	
			AIR/O_2			3	15	20	22	23	39	**34**	**54**	**93**	332:00		
57	90	3:20	AIR			10	19	19	22	26	51	80	130	226	586:40	8	
			AIR/O_2			10	19	19	22	26	51	**40**	**61**	**108**	390:00		
57	100	3:00	AIR		2	17	18	20	21	39	56	90	152	232	650:20	9	
			AIR/O_2		2	17	18	20	21	39	56	**44**	**71**	**117**	443:40		
57	110	3:00	AIR		8	18	18	20	25	47	66	100	173	232	710:20	9.5	
			AIR/O_2		8	18	18	20	25	47	66	**49**	**80**	**121**	495:40		
57	120	3:00	AIR		14	17	19	20	35	46	76	109	190	231	760:20	10	
			AIR/O_2		14	17	19	20	35	46	76	**54**	**89**	**122**	535:40		

60

Exceptional Exposure----------																	
60	5	6:40	AIR											0	6:40	0	
			AIR/O_2											**0**	6:40		
60	10	5:40	AIR									3	4	4	17:00	0.5	
			AIR/O_2									**2**	**2**	**2**	12:00		
60	15	5:00	AIR							2	3	4	8	11	33:20	0.5	
			AIR/O_2							2	3	**2**	**4**	**6**	22:40		
60	20	4:40	AIR						2	3	6	7	8	33	64:00	1	
			AIR/O_2						2	3	6	**4**	**4**	**18**	42:20		
60	25	4:40	AIR						5	6	6	7	25	36	90:00	1.5	
			AIR/O_2						5	6	6	**4**	**13**	**19**	58:20		
60	30	4:20	AIR					4	5	6	6	18	32	50	125:40	2	
			AIR/O_2					4	5	6	6	**9**	**17**	**24**	81:00		
60	35	4:00	AIR				2	5	5	5	13	28	31	76	169:20	2.5	
			AIR/O_2				2	5	5	5	13	**14**	**16**	**33**	103:00		
60	40	4:00	AIR				3	5	6	10	20	28	37	95	208:20	3	
			AIR/O_2				3	5	6	10	20	**14**	**19**	**44**	136:40		
60	45	4:00	AIR				5	5	8	14	25	28	49	112	250:20	3.5	
			AIR/O_2				5	5	8	14	25	**14**	**26**	**52**	163:40		
60	50	3:40	AIR			1	5	7	11	20	25	28	66	125	292:00	4	
			AIR/O_2			1	5	7	11	20	25	**14**	**32**	**59**	193:20		

63

Exceptional Exposure----------																	
63	4	7:00	AIR											0	7:00	0	
			AIR/O_2											**0**	7:00		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop 33	30	27	24	21	18	15	12	9	6	3	Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
63	5	6:40	AIR											1	8:00	0.5	
			AIR/O_2											**1**	8:00		
63	10	5:40	AIR								1	4	4	5	20:00	0.5	
			AIR/O_2								1	**2**	**2**	**3**	14:20		
63	15	5:00	AIR						1	3	3	5	8	16	41:20	1	
			AIR/O_2						1	3	3	**3**	**4**	**8**	27:40		
63	20	4:40	AIR					1	2	5	7	6	12	35	73:00	1.5	
			AIR/O_2					1	2	5	7	**3**	**6**	**20**	49:20		
63	25	4:40	AIR					3	5	6	6	8	31	40	104:00	1.5	
			AIR/O_2					3	5	6	6	**4**	**16**	**20**	70:20		
63	30	4:20	AIR				2	5	5	6	6	25	31	62	146:40	2.5	
			AIR/O_2				2	5	5	6	6	**13**	**16**	**28**	91:00		
63	35	4:20	AIR				5	4	6	6	17	28	32	88	190:40	3	
			AIR/O_2				5	4	6	6	17	**15**	**16**	**39**	123:00		
63	40	4:00	AIR			2	5	4	7	11	25	28	44	103	233:20	3.5	
			AIR/O_2			2	5	4	7	11	25	**14**	**23**	**49**	154:40		
63	45	4:00	AIR			3	5	5	11	18	25	28	59	122	280:20	4	
			AIR/O_2			3	5	5	11	18	25	**14**	**30**	**56**	186:40		
63	50	4:00	AIR			4	5	9	12	23	25	34	75	136	327:20	4.5	
			AIR/O_2			4	5	9	12	23	25	**17**	**36**	**64**	214:40		

66

Exceptional Exposure----------

66	4	7:20	AIR											0	7:20	0	
			AIR/O_2											**0**	7:20		
66	5	7:00	AIR											3	10:20	0.5	
			AIR/O_2											**2**	9:20		
66	10	6:00	AIR								3	3	4	7	23:20	0.5	
			AIR/O_2								3	**2**	**2**	**3**	16:40		
66	15	5:20	AIR						2	3	3	7	8	20	48:40	1	
			AIR/O_2						2	3	3	**4**	**4**	**11**	33:00		
66	20	5:00	AIR					2	3	6	6	7	17	35	81:20	1.5	
			AIR/O_2					2	3	6	6	**4**	**9**	**19**	54:40		
66	25	4:40	AIR				1	5	5	6	6	13	32	46	119:00	2	
			AIR/O_2				1	5	5	6	6	**7**	**16**	**23**	79:20		
66	30	4:40	AIR				5	5	5	6	9	28	31	74	168:00	2.5	
			AIR/O_2				5	5	5	6	9	**14**	**17**	**32**	103:20		
66	35	4:20	AIR			3	5	4	6	9	21	28	38	95	213:40	3	
			AIR/O_2			3	5	4	6	9	21	**14**	**20**	**45**	142:00		
66	40	4:00	AIR		1	4	5	4	9	15	25	28	52	115	262:20	3.5	
			AIR/O_2		1	4	5	4	9	15	25	**14**	**27**	**53**	171:40		

Depth (MSW)	Bottom Time (M)	Time to First Stop (M:S)	Gas Mix	DECOMPRESSION STOPS (MSW) Stop times (min) include travel time, except first air and first O_2 stop											Total Ascent Time (M:S)	Chamber O_2 Periods	Repet Group
				33	30	27	24	21	18	15	12	9	6	3			
69																	
Exceptional Exposure----------																	
69	5	7:20	AIR											4	11:40	0.5	
			AIR/O_2											**3**	10:40		
69	10	6:00	AIR							1	3	4	4	8	26:20	0.5	
			AIR/O_2							1	3	**2**	**2**	**5**	19:40		
69	15	5:20	AIR					1	3	3	4	7	8	26	57:40	1	
			AIR/O_2					1	3	3	4	**4**	**4**	**14**	39:00		
69	20	5:00	AIR				1	3	4	6	6	7	23	35	90:20	1.5	
			AIR/O_2				1	3	4	6	6	**4**	**12**	**19**	60:40		
69	25	5:00	AIR				4	4	6	5	7	19	31	54	135:20	2	
			AIR/O_2				4	4	6	5	7	**10**	**16**	**26**	88:40		
69	30	4:40	AIR			3	5	4	6	6	15	28	31	86	189:00	2.5	
			AIR/O_2			3	5	4	6	6	15	**14**	**17**	**37**	122:20		
69	35	4:20	AIR		2	4	4	5	6	11	25	28	44	104	237:40	3.5	
			AIR/O_2		2	4	4	5	6	11	25	**14**	**23**	**49**	158:00		
69	40	4:20	AIR		3	5	4	6	10	19	25	28	62	124	290:40	4	
			AIR/O_2		3	5	4	6	10	19	25	**14**	**32**	**57**	195:00		
72																	
Exceptional Exposure----------																	
72	5	7:20	AIR										2	4	13:40	0.5	
			AIR/O_2										**1**	**2**	10:40		
72	10	6:20	AIR							3	3	3	5	8	28:40	0.5	
			AIR/O_2							3	3	**2**	**2**	**5**	22:00		
72	15	5:40	AIR					2	3	3	6	7	7	31	65:00	1	
			AIR/O_2					2	3	3	6	**3**	**4**	**18**	45:20		
72	20	5:00	AIR			1	2	3	5	6	6	7	29	39	103:20	1.5	
			AIR/O_2			1	2	3	5	6	6	**3**	**16**	**19**	71:40		
72	25	5:00	AIR			2	4	5	6	5	7	25	31	65	155:20	2.5	
			AIR/O_2			2	4	5	6	5	7	**13**	**16**	**29**	97:40		
72	30	4:40	AIR		1	5	4	5	6	6	20	28	36	93	209:00	3	
			AIR/O_2		1	5	4	5	6	6	20	**14**	**18**	**44**	138:20		
72	35	4:40	AIR		4	4	5	5	7	15	25	28	52	114	264:00	3.5	
			AIR/O_2		4	4	5	5	7	15	25	**14**	**27**	**53**	174:20		
72	40	4:20	AIR	2	4	4	5	8	11	22	25	32	72	132	321:40	4.5	
			AIR/O_2	2	4	4	5	8	11	22	25	**16**	**35**	**62**	214:00		