TABLE B-2. FINAL CANDIDATE REPLACEMENT SURFACE-SUPPLIED HELIUM-OXYGEN DECOMPRESSION TABLE

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW) STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
60	10																				0	
Max O_2 = 40.0%	20																				0	
Min O_2 = 21.0%	30																				0	
	40																				0	
	60																		2		2	1
	80																			18	18	1
	100																			38	38	2
	120																			56	56	2
70	10																				0	
Max O_2 = 40.0%	20																				0	
Min O_2 = 21.0%	30																				0	
	40																				0	
	60																		8		8	1
	80																			34	34	2
	100																			56	56	2
	120																			76	76	3
80	10																				0	
Max O_2 = 38.0%	20																				0	
Min O_2 = 21.0%	30																				0	
	40																		3		3	1
	60																		1	21	22	1

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
	80																		2	48	50	2
	100																		2	72	74	3
	120																		2	92	94	4
90	10																				0	
Max O_2 = 34.9%	20																				0	
Min O_2 = 21.0%	30																		3		3	1
	40																		5		5	1
	60																		3	32	35	2
	80												1						2	62	65	3
	100												1						2	87	90	3
	120												1						13	98	112	4
100	10																				0	
Max O_2 = 32.3%	20																				0	
Min O_2 = 21.0%	30												1						3		4	1
	40												1						7		8	1
	60												1						3	43	47	2
	80												1						4	74	79	3
	100												1						8	97	106	4
	120												1						30	98	129	5
110	10																				0	
Max O_2 = 30.0%	20																		4		4	1
Min O_2 = 21.0%	30												1						4		5	1
	40												1						4	13	18	1

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
	60												1						5	54	60	2
	80												1						5	87	93	4
	100												1						22	99	122	5
	120												1						46	99	146	5
120	10																				0	
Max O_2 = 28.0%	20												1						3		4	1
Min O_2 = 21.0%	30												1						6		7	1
	40												1						5	22	28	1
	60												1						6	65	72	3
	80												1						7	99	107	4
	100															2			36	100	138	5
	120															2			61	100	163	6
130	10																				0	
Max O_2 = 26.3%	20												1						4		5	1
Min O_2 = 21.0%	30												1						9		10	1
	40												1						6	31	38	2
	60														2				7	76	85	3
	80														2				19	101	122	5
	100														3				49	100	152	5
	120														2	2			74	101	179	6
140	10																				0	
Max O_2 = 24.8%	20												1						4		5	1
Min O_2 = 21.0%	30												1						17		18	1

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
	40												1						8	40	49	2
	60													1	3				11	82	97	4
	80													1	2	2	3		30	98	136	5
	100													1	2	2	3	3	60	98	169	6
	120													1	2	2	2	6	85	100	198	7
150	10																				0	
Max O_2 = 23.4%	20												1						5		6	1
Min O_2 = 21.0%	30												1						7	19	27	1
	40													2					8	49	59	2
	60												1	1	2	6			15	86	111	4
	80													2	2	2	3	8	38	99	154	5
	100													2	2	3	4	10	68	98	187	6
	120													2	2	3	6	9	93	102	217	7
160	10																				0	
Max O_2 = 22.2%	20												1						7		8	1
Min O_2 = 21.0%	30												2						8	26	36	2
	40												1	1	3				9	55	69	3
	60												1	2	2	2	3	9	15	93	127	4
	80												1	2	3	2	10	9	46	98	171	5
	100												1	3	3	4	10	10	76	99	206	6
	120												1	2	3	7	11	9	101	103	237	7
170	10												1						4		5	1
Max O_2 = 21.2%	20												1						11		12	1

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
Min O_2 = 16.0%	30												4						8	44	56	2
	40												3	2	2	3			16	66	92	3
	60												4	2	2	3	9	10	29	98	157	5
	80												5	2	2	11	10	10	66	99	205	6
	100												5	2	6	11	10	10	96	103	243	7
	120												5	2	8	11	15	5	122	110	278	8
180	10												1						4		5	1
Max O_2 = 20.1%	20												2						17	1	20	1
Min O_2 = 16.0%	30												2	3	2				7	51	65	2
	40												4	3	1	3	2	6	15	72	106	3
	60												5	3	2	9	11	9	36	100	175	5
	80												6	2	11	11	10	9	73	101	223	6
	100												6	7	11	11	10	9	104	105	263	7
	120												6	9	11	11	19		129	114	299	9
190	10												1						4		5	1
Max O_2 = 19.2%	20												2						8	17	27	1
Min O_2 = 16.0%	30												4	4					15	51	74	3
	40												5	2	2	3	5	9	15	80	121	4
	60												7	2	9	11	10	9	44	100	192	5
	80												7	11	12	10	10	9	81	103	243	7
	100												11	13	11	10	10	8	112	109	284	8
	120												14	13	10	10	19		137	118	321	9
200	10												1						4		5	1

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
Max O_2 = 18.4%	20												1	3					8	26	38	2
Min O_2 = 16.0%	30												4	2	2	3	3	3	15	57	89	3
	40												7	2	3	3	12	9	15	88	139	4
	60												8	9	12	10	10	9	52	102	212	6
	80								1				17	12	11	10	9	9	91	105	265	7
	100								3	5			17	12	11	9	19		126	111	313	8
	120								4	3	4		17	12	10	11	18		151	124	354	10
210	10												1						6		7	1
Max O_2 = 17.7%	20												2	3					8	32	45	2
Min O_2 = 16.0%	30												6	2	2	2	3	9	15	63	102	3
	40												8	2	2	11	11	9	15	96	154	4
	60												15	13	11	10	9	9	60	103	230	6
	80							3	3	4	3		18	13	10	9	10	9	107	106	295	8
	100							4	6	2	3	5	18	12	10	10	18		139	117	344	9
	120							4	6	1	4	9	17	12	10	29			166	129	387	10
220	10												1						6		7	1
Max O_2 = 17.0%	20												4	3					8	37	52	2
Min O_2 = 16.0%	30												7	2	2	3	7	10	16	68	115	3
	40												9	3	9	11	10	9	17	102	170	4
	60							5	3				18	12	11	10	9	9	75	103	255	6
	80						3	3	4	3	6	6	18	12	11	10	11	7	120	111	325	8
	100						5	5		4	6	13	18	12	10	10	18		152	124	377	10
	120						5	5		9	5	12	18	12	10	28			177	139	420	11

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
230	10												1						9		10	1
Max O_2 = 16.3%	20												6	3					14	45	68	2
Min O_2 = 12.0%	30												10	3	2	4	12	9	16	84	140	4
	40												13	7	12	11	10	9	30	107	199	5
	60					8	4	4	5	3	4		21	12	10	11	10	7	109	111	319	8
	80					12	18	1	1		5	14	20	12	10	11	17		157	129	407	10
	100					14	1	2	5	10	18	17	18	12	12	28			185	145	467	12
	120					8	3	5	5	15	20	17	18	12	53	27			185	148	516	12
240	10												1						10		11	1
Max O_2 = 15.7%	20												6	2	5				16	48	77	3
Min O_2 = 12.0%	30												11	2	3	10	11	9	15	93	154	4
	40												15	14	11	10	10	9	37	109	215	5
	60				8	5	3	6	3	5	3	10	20	12	11	10	18		125	114	353	8
	80				15	11	5	3	2		13	16	20	12	11	27			170	137	442	11
	100				7	8	4	1	16	8	20	17	19	11	35	25			186	149	506	12
	120				12		3	5	16	13	20	18	18	30	59	25			186	148	553	12
250	10												1						11		12	1
Max O_2 = 15.2%	20												7	2	3	2	3	3	16	51	87	3
Min O_2 = 12.0%	30												13	2	7	11	10	10	15	100	168	4
	40					6							20	13	11	10	9	9	54	109	241	6
	60			8	10	4	8	11	1	1	9		20	12	11	11	17		143	123	389	9
	80			8	7		4	6	4	19	20	17	19	12	11	28			180	143	478	11
	100			11	7	8		6	7	18	20	18	18	13	58	26			186	147	543	12
	120			9	6	8	5		17	18	20	17	18	51	59	26			186	149	589	12

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
260	10												2						10	5	17	1
Max O_2 = 14.6%	20												8	2	3	3	2	7	17	56	98	3
Min O_2 = 12.0%	30												14	3	12	11	11	9	15	108	183	5
	40					10	4	5					20	12	11	10	10	9	76	105	272	7
	60		9	4	5	11	8	1		3	13	16	20	12	10	11	17		155	129	424	10
	80		11	1	10	3	1	2	14	20	19	18	18	12	27	25			186	149	516	12
	100		15	10	2	9		6	8	19	21	17	19	35	59	26			186	147	579	12
	120		21	4	4	12			15	17	20	17	42	53	59	30			184	147	625	12
270	10												2						14	3	19	1
Max O_2 = 14.2%	20												10	2	2	2	5	10	16	63	110	3
Min O_2 = 12.0%	30												15	10	12	11	9	9	21	111	198	5
	40				10	3	4	5	4	5			21	12	11	10	9	9	93	106	302	7
	60	7	3	11	3	10	10	5	2	9	5	17	19	12	12	27			171	135	458	11
	80	8	9	6	21	2		3	12	8	36		18	12	57	27			186	148	553	12
	100	10	5	3	17	8	1	10	10	19	35		26	52	59	26			187	145	613	12
	120	8	8	13	7	12	8	9	11	9	20	18	61	53	59	31			184	147	658	12
280	10												2	2					19	2	25	1
Max O_2 = 13.7%	20												11	2	2	2	9	10	15	70	121	3
Min O_2 = 12.0%	30					1							21	12	11	10	10	8	27	116	216	5
	40			7	11	3	3	3	4	3	10		21	12	12	9	17		111	108	334	8
	60	13	7	16		2	5		8	9	18	17	20	11	11	28			183	142	490	11
	80	8	10	16	9	8	1	11	26	25			18	41	59	25			187	145	589	12
	100	16	17	6	13	12	1		7	19	20	18	44	53	60	29			184	147	646	12

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW) STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
	120	15	10	24			10	12	8	18	21	18	78	53	59	35			182	148	691	12
290	10												3	3					23	2	31	1
Max O_2 = 13.3%	20												12	2	2	6	10	10	14	77	133	4
Min O_2 = 12.0%	30					11							20	14	10	10	11	7	51	109	243	6
	40		4	11	2	4	4	8	6		18		20	12	11	11	17		124	113	365	8
	60	18	7		4	6	2	18	4	14	36		19	12	25	25			186	148	524	12
	80	13	9	19	15	2			32	37			22	53	60	26			186	146	620	12
	100	12	16	20	2	3	6	12	17	20	19	19	54	54	59	32			183	149	677	12
	120	13	9	9	9	7	16	16	18	18	21	17	86	53	60	38			179	152	721	12
300	10												3	2	2				8	21	36	1
Max O_2 = 12.9%	20												13	2	2	10	11	9	15	83	145	4
Min O_2 = 12.0%	30				5	10	4	2					21	12	11	10	10	8	69	107	269	6
	40		12	13	8	1	1	7	8		14		20	12	11	11	17		139	120	394	9
	60	15	14	22	4			9	11	7	18	18	18	13	52	23			187	146	557	12
	80	16	23	18	17		7	7		14	20	18	39	53	58	30			184	146	650	12
	100	29	12		7	4	16	16	17	20	20	18	68	53	59	35			181	151	706	12
	120	28	15	7	8	4	10	16	17	19	37		105	54	60	40			178	153	751	12
310	10												4	2	2				7	26	41	2
Max O_2 = 12.5%	20												14	2	6	11	11	9	14	90	157	4
Min O_2 = 12.0%	30			1	12	4	5	4	7				20	12	11	10	10	8	85	107	296	7
	40	8	11	17	5	3		4	5	6	15		20	12	10	11	17		153	126	423	10
	60	23	3	19	4	14	21			7	20	18	18	21	58	31			184	148	589	12
	80	34	17	2	15	8	8	57					70	54	59	35			181	147	687	11

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW)																			TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20		
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)		
	100	20	19	11	12	22	1	10	17	20	20	17	85	54	59	40			178	153	738	12
	120	19	12	12	14	16	14	16	18	19	37		116	54	61	53			171	159	791	12
320	10												5	2	3				8	33	51	2
Max O_2 = 12.2%	20												16	3	10	11	10	9	14	103	176	4
Min O_2 = 10.0%	30			10	15	6	3	5	5	3	5		22	12	11	9	19		117	116	358	8
	40	22	16		1	10	3	7	8	1	43		20	12	11	29			180	148	511	11
	60	47	9	25	1	7	9	8		22	23	22	45	53	59	38			178	149	695	11
	80	42	27	12	5	2	11	21	20	23	28	18	90	53	61	43			175	157	788	12
	100	47	17	10	8	15	19	19	21	28	41		134	56	63	70	52		133	167	900	11
	120	82				18	19	20	229	482	420		115	60	67	77	88	100	63	174	2014	8
330	10												6	4					9	38	57	2
Max O_2 = 11.8%	20												18	6	11	11	10	9	13	111	189	5
Min O_2 = 10.0%	30		3	17	14	4	5	2	3	5	12		23	11	11	9	18		129	125	391	9
	40	23	18	7	20				7	7	22	19	19	12	32	32			182	147	547	11
	60	59	26	11	4	2	2	1	15	18	44		63	54	61	42			179	149	730	11
	80	60	27	10	8		5	20	21	25	44		116	55	63	70	36		145	160	865	11
340	10												7	4					12	40	63	2
Max O_2 = 11.5%	20												19	11	11	10	10	9	14	118	202	5
Min O2 = 10.0%	30		14	17	15			9	5		6	11	22	11	10	10	18		146	128	422	10
	40	30	3	6	16	14	15	7			26	20	19	12	47	37			179	150	581	11
	60	54	25	1	14	8		22	23	49			85	55	60	44			176	149	765	11
350	10												8	2	3				15	41	69	2

Depth (fswg) FO_2 %	Bottom Time (min)	DECOMPRESSION STOPS (FSW) STOP TIMES (MIN). All except first and those with a gas switch include travel time to stop																				TOTAL IWD STOP TIME (min)	Chamber O_2 Periods
		200	190	180	170	160	150	140	130	120	110	100	90	80	70	60	50	40	30	20			
		BOTTOM MIX											(50)	(50)	(50)	(50)	(50)	(50)	(100)	(100)			
Max O_2 = 11.2%	20					1							22	13	11	10	10	9	20	125	221	5
Min O_2 = 10.0%	30	7	16	7	4	5	12	10	2	5	6	18	22	11	11	10	17		155	135	453	10
	40	40	6	8	25				12	13	43		19	21	59	40			179	151	616	12
	60	64	40	10	1		4	16	11	19	45		94	56	63	72			162	160	817	11
360	10												8	3	2	4			16	44	77	3
Max O_2 = 10.9%	20					12							22	13	11	10	10	8	45	121	252	6
Min O_2 = 10.0%	30	17	15	17	17	1	6		3	17			21	11	11	28			174	146	484	11
	40	40	13	19	9		5	6	7	17	25	20	19	38	59	39			178	152	646	12
370	10												9	3	1	3	3	3	15	48	85	3
Max O_2 = 10.6%	20				3	20							22	12	11	10	10	8	66	118	280	7
Min O_2 = 10.0%	30	24	18	1	6	7	12		8	6	13	19	20	11	11	29			179	149	513	11
	40	49	34	8	2	4	1	1	13	11	44		23	54	60	45			176	154	679	12
380	10												10	2	2	3	2	7	17	50	93	3
Max O_2 = 10.4%	20				14	12	5	2					22	12	11	10	11	7	83	116	305	7
Min O_2 = 10.0%	30	29	7	15	7	14	6	3		11	12	20	20	11	24	40			178	152	549	12
	40	59	16		8	8	8	7	18	56			43	54	61	47			174	152	711	11