Example:
Planned maximum depth – 30 metres. Look across dive time to note that times of 7, 15, 17 and 20 minutes all give no-stop dives with surfacing codes of C, D, E and F respectively. A dive time of more than 20 minutes will require decompression stops. If it is up to 29 minutes the stop will be only 1 minute at 6 metres, followed by a 1 minute ascent from 6 metres to the surface. Longer dives will need the stops indicated, but all the decompression stop dives have a surfacing code of G.

Second Dive

Look at the combined surface interval table and follow the row corresponding to your surfacing code. To the right you will find the new codes which are gained by remaining on the surface for the periods indicated.

Example:
After a dive with a surfacing code of F (indicating a maximum no-stop dive), code C is reached in 90 minutes, code B in 4 hours, and code A only after 15 hours. If the surface interval planned is 4 hours, or any period between 4 and 15 hours, then look at table B to plan your next dive. The layout of table B is the same as table A and you can make any dive shown on the table in just the same way as the first dive. Note the surfacing code shown for the second dive.

Planning Subsequent Dives

The procedure is exactly the same as that used for the first and second dives. Remember always to note your surfacing time and the surfacing code after each dive. This is all you need to plan the next dive, using the surface interval table to find the current tissue code and thus the current table.

TABLE A

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
A	A												

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives					Decompression Stop Dives							
3	(1)	–	166	∞										
6	(1)	–	36	166	593	∞								
9	1	–	17	67	167	203	243	311	328	336	348	356	363	370	376
12	1	–	10	37	87	104	122	156	169	177	183	188	192	197	201
15	1	–	6	24	54	64	74	98	109	116	121	125	129	133	136
18	1	–	17	37	44	51		68	78	84	88	92	95	98	101
DECOMPRESSION STOP (minutes) at **6 metres**								1	3	6	9	12	15	18	21
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	G
21	1	–	13	28	32	37		51	59	65	68	72	75	77	
24	2	–	11	22	26	30		41	49	53	56	59	62	64	
27	2	–	8	18	21	24		34	41	45	47	50	52	55	
30	2	–	7	15	17	20		29	35	39	41	43	45	47	
33	2	–		13	15	17		25	30	34	36	38	40	42	
36	2	–		11	12	14		22	27	30	32	34	36	37	
39	3	–		10	12	13		20	25	29	30	32	33	35	
DECOMPRESSION STOPS (minutes) at **9 metres**										1	1	1	1	2	
at **6 metres**								1	3	6	9	12	15	18	
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	
42	3	–		9	10	12		21	23	26	28	29	31	32	
45	3	–		8	9	10		19	22	24	26	27	28	30	
48	3	–			8	9		18	21	23	24	25	26	28	
51	3	–				8		17	19	21	22	24	25	26	
DECOMPRESSION STOPS (minutes) at **9 metres**									1	1	1	2	2	3	
at **6 metres**								2	3	6	9	12	15	18	
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	

TABLE B

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
B	B									A			

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives					Decompression Stop Dives							
3	(1)	–	∞											
6	(1)	–	80	504	∞									
9	1	–	27	113	148	188		255	282	284	292	300	307	314	321
12	1	–	14	52	67	84		116	129	137	143	148	152	156	160
15	1	–	8	31	40	48		69	78	86	90	94	98	101	105
18	1	–		21	27	32		47	55	61	64	68	71	74	76
DECOMPRESSION STOP (minutes) at **6 metres**								1	3	6	9	12	15	18	21
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	G
21	1	–		15	19	23		35	42	47	50	52	55	57	
24	2	–		12	15	19		28	35	39	41	43	45	47	
27	2	–		10	12	15		23	29	33	35	36	38	40	
30	2	–		8	10	12		20	25	28	30	32	33	35	
33	2		–	8	10			17	22	25	26	28	29	31	
36	2		–	7	8			15	20	22	24	25	26	28	
39	3		–	–	8			14	19	21	23	24	25	26	
DECOMPRESSION STOPS (minutes) at **9 metres**										1	1	1	1	2	
at **6 metres**								1	3	6	9	12	15	18	
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	
42	3					–		15	17	20	21	22	23	24	
45	3					–		14	17	18	19	20	21	22	
48	3					–		13	16	17	18	19	20	21	
51	3					–		12	15	16	17	18	19		
DECOMPRESSION STOPS (minutes) at **9 metres**									1	1	1	2	2	3	
at **6 metres**								2	3	6	9	12	15	18	
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	

Figure 130b

TABLE C

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
C	C				B					A			

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives					Decompression Stop Dives							
3	(1)	–	∞											
6	(1)	–	359	∞										
9	1	–	49	79	116			182	199	211	220	227	234	241	248
12	1	–	20	31	44			71	83	90	95	100	104	108	112
15	1	–	11	17	24			40	48	54	57	61	64	67	70
18	1	–	7	11	15			27	34	38	40	43	45	47	50
DECOMPRESSION STOP (minutes) at **6 metres**								1	3	6	9	12	15	18	21
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	G
21	1			7	10			20	26	29	31	33	35	37	
24	2				8			16	22	25	26	28	29	31	
27	2				–			13	18	21	22	24	25	26	
30	2				–			11	16	18	19	20	22	23	
33	2				–			10	14	16	17	18	19	20	
36	2				–			8	12	14	15	16	17	18	
39	3				–			8	12	14	15	16	17	18	
DECOMPRESSION STOPS (minutes) at **9 metres**										1	1	1	2		
at **6 metres**								1	3	6	9	12	15	18	
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	
42	3					–		10	•	13	14	15	16		
45	3					–		9	•	12	•	14	•	15	
48	3					–		8	•	12	•	13	14		
51	3					–		8	10	11	12	•	13		
DECOMPRESSION STOPS (minutes) at **9 metres**									1	1	1	2	2	3	
at **6 metres**								2	3	6	9	12	15	18	
SURFACING CODE		B	C	D	E	F		G	G	G	G	G	G	G	

Figure 130c

Figure 130d

TABLE D

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
D	D				C			B				A	

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives			Decompression Stop Dives							
3	(1)	–	∞	231								
6	(1)		–	∞								
9	1		–	8	29	81	96	107	115	122	129	136	143
12	1			–	8	26	33	38	42	45	48	51	54
15	1				–	14	19	23	25	27	28	30	32
18	1				–	9	14	16	18	19	20	22	23
21	1				–	5	10	13	14	15	16	17	18
24	2					–	9	11	12	13	14	15	16
27	2					–	8	10	11	•	12	13	
30	2					–	7	9	•	10	11	•	12
33	2						–	8	•	9	•	10	
36	2						–	7	8	•	9		
39	3						–	8	•	9			
DECOMPRESSION STOP (minutes) at **6 metres**						1	3	6	9	12	15	18	21
SURFACING CODE		*B*	**C**	**D**	**E**	**F**	**G**	**G**	**G**	**G**	**G**	**G**	**G**	**G**

42	3						–	8	•	•	9		
45	3							–	8	•	•	9	
48	3								–	8			
DECOMPRESSION STOPS (minutes) at **9 metres** at **6 metres**								1 9	1 12	1 15	1 18	1 21	
SURFACING CODE		*B*	**C**	**D**	**E**	**F**	**G**	**G**	**G**	**G**	**G**	**G**	**G**

Figure 130e

TABLE E

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
E	E	D			C			B				A	

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives			Decompression Stop Dives							
3	(1)	–	∞	271	8							
6	(1)		–	∞								
9	1		–	9		50	63	73	81	88	94	101	107
12	1			–	14	22	26	28	31	33	36	38	
15	1			–	8	13	16	17	19	20	21	23	
18	1				–	9	11	12	13	14	15	16	
21	1				–	7	9	10	•	11	12	13	
24	2				–	7	8	9	10	•	11	12	
27	2					–	7	8	•	9	•	10	
30	2						–	7	•	8	•	9	
33	2							–	7	•	8		
36	2								–	7			
DECOMPRESSION STOP (minutes) at **6 metres**						1	3	6	9	12	15	18	21
SURFACING CODE		*B*	**C**	**D**	**E**	**F**	**G**	**G**	**G**	**G**	**G**	**G**	**G**	**G**

Figure 131

TABLE G

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
G	G	F	E	D	C			B				A	

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives				Decompression Stop Dives							
3	(1)		∞	332	45	19							
6	(1)			∞	484								
9	1					–	9	12	16	19	23	27	
12	1						–	6	7	8	10		
15	1							–	6	7	8		
DECOMPRESSION STOP (minutes) at **6 metres**						1	3	6	9	12	15	18	21
SURFACING CODE		*B*	**C**	**D**	**E**	**F**	*G*	**G**	**G**	**G**	**G**	**G**	**G**	**G**

TABLE F

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
F	F	E	D		C			B				A	

DEPTH (metres)	ASCENT (mins)	DIVE TIME (minutes) No-Stop Dives				Decompression Stop Dives							
3	(1)		∞	303	25	5							
6	(1)			∞	339								
9	1				–	23	33	40	46	52	57	63	69
12	1				–	6	11	14	16	18	20	22	24
15	1					–	7	9	10	11	12	13	14
18	1						–	6	7	8	9	10	
21	1							–	6	•	7	9	
24	2								–	7	•	8	
27	2									–	7		
DECOMPRESSION STOP (minutes) at **6 metres**						1	3	6	9	12	15	18	21
SURFACING CODE		*B*	**C**	**D**	**E**	**F**	**G**	**G**	**G**	**G**	**G**	**G**	**G**	**G**

Figure 132

SUBMERSIBLE DECOMPRESSION TABLE

Figure 133

DEPTH (metres)	ASCENT (mins)	TABLE A DIVE TIME (minutes) No-Stop Dives			Deco Stop Dive			TABLE B DIVE TIME (minutes) No-Stop Dives			Deco Stop Dive			TABLE C DIVE TIME (minutes) No-Stop Dives			Deco Stop Dive		
3	(1)	(see table)						(see table)						(see table)					
6	(1)	593	∞					504	∞					359	∞				
9	1	167	203	243	311	328	336	113	148	188	255	282	284	49	79	116	182	199	211
12	1	87	104	122	156	169	177	52	67	84	116	129	137	20	31	44	71	83	90
15	1	54	64	74	98	109	116	31	40	48	69	78	86	11	17	24	40	48	54
18	1	37	44	51	68	78	84	21	27	32	47	55	61	7	11	15	27	34	38
DECO STOP (minutes) at **6 metres**					1	3	6				1	3	6				1	3	6
SURFACING CODE		**D**	**E**	**F**	**G**	**G**	**G**	**D**	**E**	**F**	**G**	**G**	**G**	**D**	**E**	**F**	**G**	**G**	**G**
21	1	28	32	37	51	59	65	15	19	23	35	42	47	–	7	10	20	26	29
24	2	22	26	30	41	49	53	12	15	19	28	35	39		–	8	16	22	25
27	2	18	21	24	34	41	45	10	12	15	23	29	33			–	13	18	21
30	2	15	17	20	29	35	39	8	10	12	20	25	28			–	11	16	18
33	2	13	15	17	25	30	34	–	8	10	17	22	25			–	10	14	16
36	2	11	12	14	22	27	30	–	7	8	15	20	22			–	8	12	14
39	3	10	12	13	20	25	29	–	–	8	14	19	21			–	8	12	14
DECO STOPS (minutes) at **9 metres** at **6 metres**					1	3	6				1	3	6				1	3	6
SURFACING CODE		**D**	**E**	**F**	**G**	**G**	**G**	**D**	**E**	**F**	**G**	**G**	**G**	*D*	**E**	**F**	**G**	**G**	**G**
42	3	9	10	12	21	23	26			–	15	17	20			–	10	•	13
45	3	8	9	10	19	22	24			–	14	17	18			–	9	•	12
48	3	–	8	9	18	21	23			–	13	16	17			–	8	•	12
51	3		–	8	17	19	21			–	12	15	16			–	8	10	11
DECO STOPS (minutes) at **9 metres** at **6 metres**					2	1 3	1 6				2	1 3	1 6				2	1 3	1 6
SURFACING CODE		**D**	**E**	**F**	**G**	**G**	**G**	*D*	*E*	*F*	**G**	**G**	**G**	*D*	*E*	*F*	**G**	**G**	**G**

This combined SURFACE INTERVAL TABLE will assist dive planning. Any benefit to be gained by reducing the DIVE TIME can be seen as a reduced SURFACE INTERVAL before the next dive.

Figure 134

SURFACE INTERVAL TABLE

LAST DIVE CODE	Minutes 15	30	60	90	Hours 2	3	4	6	10	12	14	15	16
G	G	F	E	D	C			B				A	
F	F	E	D		C			B				A	
E	E	D			C			B				A	
D	D				C			B				A	
C	C				B							A	
B	B											A	
A	A												

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