NO-DECOMPRESSION TABLE
NOAA NITROX 28

ONLY FOR 28% O2, 72% N2 MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME

+ABT ACTUAL BOTTOM TIME

ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

PO2	msw	fsw	00 (MAXIMUM NO-STOP TIME)															00 / 00 (DIVE TIME REQUIRING DECOMPRESSION)
0.62	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	**232**
0.66	13.8	45	12	20	27	36	44	53	63	73	84	95	108	121	135	151	**163** / 14	180 / 14
0.70	15.3	50	11	17	24	31	39	46	55	63	72	82	92	102	114	**125** / 2	130 / 25	150 / 25
0.75	16.9	55	9	15	21	28	34	41	48	56	63	71	80	89	**92** / 4	100 / 8	110 / 34	130 / 34
0.79	18.4	60	8	14	19	25	31	37	43	50	56	63	71	**74** / 4	80 / 10	90 / 17	100 / 17	
0.87	21.4	70	6	10	14	19	23	28	32	37	42	47	**48** / 9	55 / 14	60 / 24	70 / 24		
0.96	24.5	80	6	10	14	19	23	28	32	37	42	47	**48** / 9	55 / 14	60 / 24	70 / 24		
1.04	27.6	90	5	9	12	16	20	24	28	32	36	**39** / 10	45 / 17	50 / 30	60 / 30			
1.13	30.6	100	4	7	11	14	17	21	24	28	**30** / 4	35 / 14	40 / 23	45 / 23				
1.21	33.7	110	4	6	9	12	15	18	21	**25** / 3	30 / 15	35 / 26	40 / 26					
1.30	36.8	120	3	6	8	11	14	16	19	**20** / 3	25 / 14	30 / 27	35 / 27					
1.38	39.8	130	3	5	7	10	12	**15** / 2	20 / 8	25 / 24	30 / 24							

Group letters across bottom: A B C D E F G H I J K L M N O Z
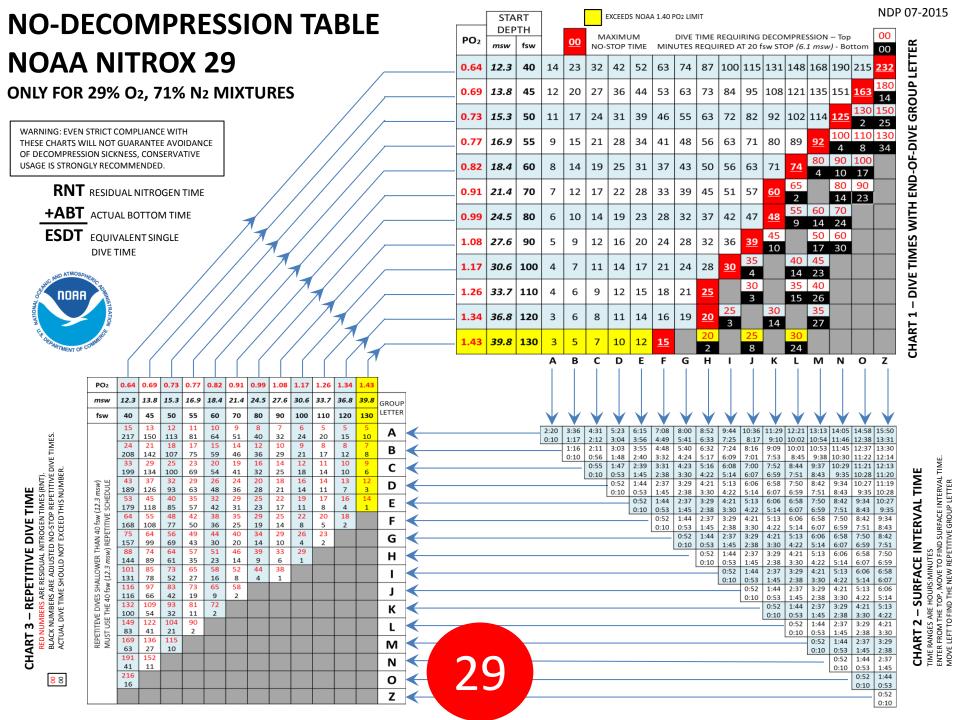
CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES

ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME.
MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

GROUP	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22 / 13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28 / 12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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 / 11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14 / 6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22 / 6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30 / 5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38 / 4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45 / 3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53 / 2:37 / 1:45
O															0:52 / 0:10 / 1:44 / 0:53
Z															0:52 / 0:10

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE.

PO2	0.62	0.66	0.70	0.75	0.79	0.87	0.96	1.04	1.13	1.21	1.30	1.38	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	
fsw	40	45	50	55	60	70	80	90	100	110	120	130	
A	15 / 217	13 / 150	12 / 113	11 / 81	10 / 64	8 / 40	8 / 40	7 / 32	6 / 24	5 / 20	5 / 15	5 / 10	A
B	24 / 208	21 / 142	18 / 107	17 / 75	15 / 59	12 / 36	12 / 36	10 / 29	9 / 21	8 / 17	8 / 12	7 / 8	B
C	33 / 199	29 / 134	25 / 100	23 / 69	20 / 54	16 / 32	16 / 32	14 / 25	12 / 18	11 / 14	10 / 10	9 / 6	C
D	43 / 189	37 / 126	32 / 93	29 / 63	26 / 48	20 / 28	20 / 28	18 / 21	16 / 14	14 / 11	13 / 7	12 / 3	D
E	53 / 179	45 / 118	40 / 85	35 / 57	32 / 42	25 / 23	25 / 23	22 / 17	19 / 11	17 / 8	16 / 4	14 / 1	E
F	64 / 168	55 / 108	48 / 77	42 / 50	38 / 36	29 / 19	29 / 19	25 / 14	22 / 8	20 / 5	18 / 2		F
G	75 / 157	64 / 99	56 / 69	49 / 43	44 / 30	34 / 14	34 / 14	29 / 10	26 / 4	23 / 2			G
H	88 / 144	74 / 89	64 / 61	57 / 35	51 / 23	39 / 9	39 / 9	33 / 6	29 / 1				H
I	101 / 131	85 / 78	73 / 52	65 / 27	58 / 16	44 / 4	44 / 4	38 / 1					I
J	116 / 116	97 / 66	83 / 42	73 / 19	65 / 9								J
K	132 / 100	109 / 54	93 / 32	81 / 11	72 / 2								K
L	149 / 83	122 / 41	104 / 21	90 / 2									L
M	169 / 63	136 / 27	115 / 10										M
N	191 / 41	152 / 11											N
O	216 / 16												O
Z													Z

NO-DECOMPRESSION TABLE
NOAA NITROX 29

ONLY FOR 29% O₂, 71% N₂ MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME

+ABT ACTUAL BOTTOM TIME

ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

■ EXCEEDS NOAA 1.40 PO₂ LIMIT

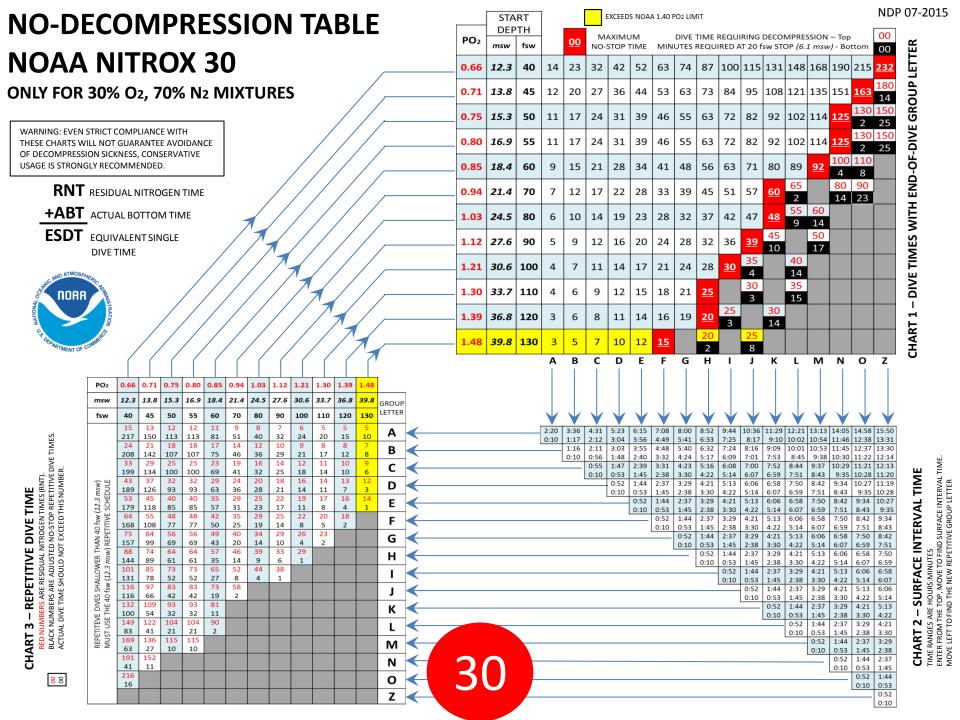	PO₂	START DEPTH msw	fsw	00 MAXIMUM NO-STOP TIME / DIVE TIME REQUIRING DECOMPRESSION – Top, MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom															00 / 00
			A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.64	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	**232**
0.69	13.8	45	12	20	27	36	44	53	63	73	84	95	108	121	135	151	**163** / 14	180 / 14
0.73	15.3	50	11	17	24	31	39	46	55	63	72	82	92	102	114	**125** / 2	130 / 2	150 / 25
0.77	16.9	55	9	15	21	28	34	41	48	56	63	71	80	89	**92** / 4	100 / 4	110 / 8	130 / 34
0.82	18.4	60	8	14	19	25	31	37	43	50	56	63	71	**74** / 4	80 / 4	90 / 10	100 / 17	
0.91	21.4	70	7	12	17	22	28	33	39	45	51	57	**60** / 2	65 / 2	80 / 14	90 / 23		
0.99	24.5	80	6	10	14	19	23	28	32	37	42	47	**48** / 9	55 / 9	60 / 14	70 / 24		
1.08	27.6	90	5	9	12	16	20	24	28	32	36	**39** / 10	45 / 10	50 / 17	60 / 30			
1.17	30.6	100	4	7	11	14	17	21	24	28	**30** / 4	35 / 4	40 / 14	45 / 23				
1.26	33.7	110	4	6	9	12	15	18	21	**25** / 3	30 / 3	35 / 15	40 / 26					
1.34	36.8	120	3	6	8	11	14	16	19	**20** / 3	25 / 3	30 / 14	35 / 27					
1.43	39.8	130	3	5	7	10	12	**15**	20 / 2	25 / 8	30 / 24							

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES
ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME.
MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

PO₂	0.64	0.69	0.73	0.77	0.82	0.91	0.99	1.08	1.17	1.26	1.34	1.43	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	
fsw	40	45	50	55	60	70	80	90	100	110	120	130	
A	15 / 217	13 / 150	12 / 113	11 / 81	10 / 64	9 / 51	8 / 40	7 / 32	6 / 24	5 / 20	5 / 15	5 / 10	A
B	24 / 208	21 / 142	18 / 107	17 / 75	15 / 59	14 / 46	12 / 36	10 / 29	9 / 21	8 / 17	8 / 12	7 / 8	B
C	33 / 199	29 / 134	25 / 100	23 / 69	20 / 54	19 / 41	16 / 32	14 / 25	12 / 18	11 / 14	10 / 10	9 / 6	C
D	43 / 189	37 / 126	32 / 93	29 / 63	26 / 48	24 / 36	20 / 28	18 / 21	16 / 14	14 / 11	13 / 7	12 / 3	D
E	53 / 179	45 / 118	40 / 85	35 / 57	32 / 42	29 / 31	25 / 23	22 / 17	19 / 11	17 / 8	16 / 4	14 / 1	E
F	64 / 168	55 / 108	48 / 77	42 / 50	38 / 36	35 / 25	29 / 19	25 / 14	22 / 8	20 / 5	18 / 2		F
G	75 / 157	64 / 99	56 / 69	49 / 43	44 / 30	40 / 20	34 / 14	29 / 10	26 / 4	23 / 2			G
H	88 / 144	74 / 89	64 / 61	57 / 35	51 / 23	46 / 14	39 / 9	33 / 6	29 / 1				H
I	101 / 131	85 / 78	73 / 52	65 / 27	58 / 16	52 / 8	44 / 4	38 / 1					I
J	116 / 116	97 / 66	83 / 42	73 / 19	65 / 9	58 / 2							J
K	132 / 100	109 / 54	93 / 32	81 / 11	72 / 2								K
L	149 / 83	122 / 41	104 / 21	90 / 2									L
M	169 / 63	136 / 27	115 / 10										M
N	191 / 41	152 / 11											N
O	216 / 16												O
Z													Z

NO-DECOMPRESSION TABLE
NOAA NITROX 30

ONLY FOR 30% O₂, 70% N₂ MIXTURES

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION · NOAA · U.S. DEPARTMENT OF COMMERCE

☐ (yellow) EXCEEDS NOAA 1.40 PO₂ LIMIT

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

START DEPTH — MAXIMUM NO-STOP TIME · DIVE TIME REQUIRING DECOMPRESSION — Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) — Bottom. (Top-right group reference: 00 / 00)

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.66	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	**232**
0.71	13.8	45	12	20	27	36	44	53	63	73	84	95	108	121	135	151	**163**	180 / 14
0.75	15.3	50	11	17	24	31	39	46	55	63	72	82	92	102	114	**125**	130 / 2	150 / 25
0.80	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	**125**	130 / 2	150 / 25
0.85	18.4	60	9	15	21	28	34	41	48	56	63	71	80	89	**92**	100 / 4	110 / 8	
0.94	21.4	70	7	12	17	22	28	33	39	45	51	57	**60**	65 / 2		80 / 14	90 / 23	
1.03	24.5	80	6	10	14	19	23	28	32	37	42	47	**48**	55 / 9		60 / 14		
1.12	27.6	90	5	9	12	16	20	24	28	32	36	**39**	45 / 10		50 / 17			
1.21	30.6	100	4	7	11	14	17	21	24	28	**30**	35 / 4		40 / 14				
1.30	33.7	110	4	6	9	12	15	18	21	**25**		30 / 3		35 / 15				
1.39	36.8	120	3	6	8	11	14	16	19	**20**		25 / 3		30 / 14				
1.48	39.8	130	3	5	7	10	12	**15**		20 / 2		25 / 8						

(Bold values = MAXIMUM NO-STOP TIME, shown red underlined. Split cells = decompression dive time Top / deco minutes Bottom. PO₂ 1.48 / 130 fsw row is highlighted — exceeds NOAA 1.40 PO₂ limit.)

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE.

Each cell shown as RNT / ABT.

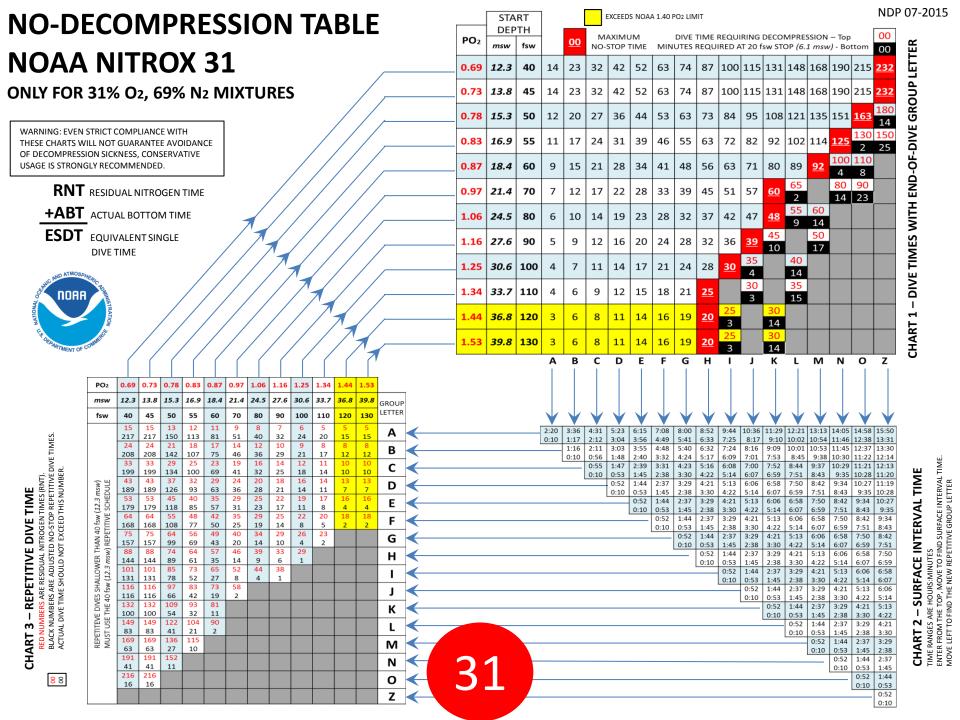| GROUP	0.66 / 12.3 / 40	0.71 / 13.8 / 45	0.75 / 15.3 / 50	0.80 / 16.9 / 55	0.85 / 18.4 / 60	0.94 / 21.4 / 70	1.03 / 24.5 / 80	1.12 / 27.6 / 90	1.21 / 30.6 / 100	1.30 / 33.7 / 110	1.39 / 36.8 / 120	1.48 / 39.8 / 130
A	15 / 217	13 / 150	12 / 113	12 / 113	11 / 81	9 / 51	8 / 40	7 / 32	6 / 24	5 / 20	5 / 15	5 / 10
B	24 / 208	21 / 142	18 / 107	18 / 107	17 / 75	14 / 46	12 / 36	10 / 29	9 / 21	8 / 17	8 / 12	7 / 8
C	33 / 199	29 / 134	25 / 100	25 / 100	23 / 69	19 / 41	16 / 32	14 / 25	12 / 18	11 / 14	10 / 10	9 / 6
D	43 / 189	37 / 126	32 / 93	32 / 93	29 / 63	24 / 36	20 / 28	18 / 21	16 / 14	14 / 11	13 / 7	12 / 3
E	53 / 179	45 / 118	40 / 85	40 / 85	35 / 57	29 / 31	25 / 23	22 / 17	19 / 11	17 / 8	16 / 4	14 / 1
F	64 / 168	55 / 108	48 / 77	48 / 77	42 / 50	35 / 25	29 / 19	25 / 14	22 / 8	20 / 5	18 / 2	
G	75 / 157	64 / 99	56 / 69	56 / 69	49 / 43	40 / 20	34 / 14	29 / 10	26 / 4	23 / 2		
H	88 / 144	74 / 89	64 / 61	64 / 61	57 / 35	46 / 14	39 / 9	33 / 6	29 / 1			
I	101 / 131	85 / 78	73 / 52	73 / 52	65 / 27	52 / 8	44 / 4	38 / 1				
J	116 / 116	97 / 66	83 / 42	83 / 42	73 / 19	58 / 2						
K	132 / 100	109 / 54	93 / 32	93 / 32	81 / 11							
L	149 / 83	122 / 41	104 / 21	104 / 21	90 / 2							
M	169 / 63	136 / 27	115 / 10	115 / 10								
N	191 / 41	152 / 11										
O	216 / 16											

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES. ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER.

Each cell shown as top time / bottom time.

GROUP	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

(Central logo: **30**)

NO-DECOMPRESSION TABLE
NOAA NITROX 31

ONLY FOR 31% O₂, 69% N₂ MIXTURES

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

🟨 EXCEEDS NOAA 1.40 PO₂ LIMIT

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

00 = MAXIMUM NO-STOP TIME
DIVE TIME REQUIRING DECOMPRESSION – Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) – Bottom

(Z column header: 00 / 00)

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.69	12.3	40	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.73	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.78	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180 / 14
0.83	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130 / 2	150 / 25
0.87	18.4	60	9	15	21	28	34	41	48	56	63	71	80	89	92	100 / 4	110 / 8	
0.97	21.4	70	7	12	17	22	28	33	39	45	51	57	60	65 / 2	80 / 14	90 / 23		
1.06	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			
1.16	27.6	90	5	9	12	16	20	24	28	32	36	39	45 / 10	50 / 17				
1.25	30.6	100	4	7	11	14	17	21	24	28	30	35 / 4	40 / 14					
1.34	33.7	110	4	6	9	12	15	18	21	25	30 / 3	35 / 15						
1.44	36.8	120	3	6	8	11	14	16	19	20	25 / 3	30 / 14						
1.53	39.8	130	3	6	8	11	14	16	19	20	25 / 3	30 / 14						

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE.

(Each cell: RNT — red, top / adjusted no-stop time — black, bottom)

GROUP LETTER	PO₂ 0.69	0.73	0.78	0.83	0.87	0.97	1.06	1.16	1.25	1.34	1.44	1.53
(msw)	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8
(fsw)	40	45	50	55	60	70	80	90	100	110	120	130
A	15 / 217	15 / 217	13 / 150	12 / 113	11 / 81	9 / 51	8 / 40	7 / 32	6 / 24	5 / 20	5 / 15	5 / 15
B	24 / 208	24 / 208	21 / 142	18 / 107	17 / 75	14 / 46	12 / 36	10 / 29	9 / 21	8 / 17	8 / 12	8 / 12
C	33 / 199	33 / 199	29 / 134	25 / 100	23 / 69	19 / 41	16 / 32	14 / 25	12 / 18	11 / 14	10 / 10	10 / 10
D	43 / 189	43 / 189	37 / 126	32 / 93	29 / 63	24 / 36	20 / 28	18 / 21	16 / 14	14 / 11	13 / 7	13 / 7
E	53 / 179	53 / 179	45 / 118	40 / 85	35 / 57	29 / 31	25 / 23	22 / 17	19 / 11	17 / 8	16 / 4	16 / 4
F	64 / 168	64 / 168	55 / 108	48 / 77	42 / 50	35 / 25	29 / 19	25 / 14	22 / 8	20 / 5	18 / 2	18 / 2
G	75 / 157	75 / 157	64 / 99	56 / 69	49 / 43	40 / 20	34 / 14	29 / 10	26 / 4	23 / 2		
H	88 / 144	88 / 144	74 / 89	64 / 61	57 / 35	46 / 14	39 / 9	33 / 6	29 / 1			
I	101 / 131	101 / 131	85 / 78	73 / 52	65 / 27	52 / 8	44 / 4	38 / 1				
J	116 / 116	116 / 116	97 / 66	83 / 42	73 / 19	58 / 2						
K	132 / 100	132 / 100	109 / 54	93 / 32	81 / 11							
L	149 / 83	149 / 83	122 / 41	104 / 21	90 / 2							
M	169 / 63	169 / 63	136 / 27	115 / 10								
N	191 / 41	191 / 41	152 / 11									
O	216 / 16	216 / 16										
Z												

(00 / 00)

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES
ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER.

(Each cell: upper time / lower time)

GROUP	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

31

NO-DECOMPRESSION TABLE
NOAA NITROX 32

ONLY FOR 32% O₂, 68% N₂ MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME

+ABT ACTUAL BOTTOM TIME

ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

EXCEEDS NOAA 1.40 PO₂ LIMIT

PO₂	msw	fsw	00	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
										MAXIMUM NO-STOP TIME / DIVE TIME REQUIRING DECOMPRESSION – Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom									00 / 00
0.71	12.3	40		17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	**371**
0.76	13.8	45		14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	**232**
0.80	15.3	50		12	20	27	36	44	53	63	73	84	95	108	121	135	151	**163** / 14	180 / 14
0.85	16.9	55		11	17	24	31	39	46	55	63	72	82	92	102	114	**125** / 2	130 / 2	150 / 25
0.90	18.4	60		9	15	21	28	34	41	48	56	63	71	80	89	**92** / 4	100 / 4	110 / 8	
1.00	21.4	70		7	12	17	22	28	33	39	45	51	57	**60** / 2	65 / 2		80 / 14	90 / 23	
1.10	24.5	80		6	10	14	19	23	28	32	37	42	47	**48** / 9	55 / 9	60 / 14			
1.19	27.6	90		5	9	12	16	20	24	28	32	36	**39** / 10	45 / 10		50 / 17			
1.29	30.6	100		4	7	11	14	17	21	24	28	**30** / 4	35 / 4		40 / 14				
1.39	33.7	110		4	7	11	14	17	21	24	28	**30** / 4	35 / 4		40 / 14				
1.48	36.8	120		4	6	9	12	15	18	21	**25** / 3	30 / 3		35 / 15					
1.58	39.8	130		3	6	8	11	14	16	19	**20** / 3	25 / 3		30 / 14					

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES
ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME.
MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

GROUP LETTER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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 / 6:32	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 5:14...
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw)
MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

PO₂	0.71	0.76	0.80	0.85	0.90	1.00	1.10	1.19	1.29	1.39	1.48	1.58	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	39.8	
fsw	40	45	50	55	60	70	80	90	100	110	120	130	
	18 / 353	15 / 217	13 / 150	12 / 113	11 / 81	9 / 51	8 / 40	7 / 32	6 / 24	6 / 24	5 / 20	5 / 15	A
	28 / 343	24 / 208	21 / 142	18 / 107	17 / 75	14 / 46	12 / 36	10 / 29	9 / 21	9 / 21	8 / 17	8 / 12	B
	39 / 332	33 / 199	29 / 134	25 / 100	23 / 69	19 / 41	16 / 32	14 / 25	12 / 18	12 / 18	11 / 14	10 / 10	C
	51 / 320	43 / 189	37 / 126	32 / 93	29 / 63	24 / 36	20 / 28	18 / 21	16 / 14	16 / 14	14 / 11	13 / 7	D
	63 / 308	53 / 179	45 / 118	40 / 85	35 / 57	29 / 31	25 / 23	22 / 17	19 / 11	19 / 11	17 / 8	16 / 4	E
	77 / 294	64 / 168	55 / 108	48 / 77	42 / 50	35 / 25	29 / 19	25 / 14	22 / 8	22 / 8	20 / 5	18 / 2	F
	92 / 279	75 / 157	64 / 99	56 / 69	49 / 43	40 / 20	34 / 14	29 / 10	26 / 4	26 / 4	23 / 2		G
	108 / 263	88 / 144	74 / 89	64 / 61	57 / 35	46 / 14	39 / 9	33 / 6	29 / 1	29 / 1			H
	126 / 245	101 / 131	85 / 78	73 / 52	65 / 27	52 / 8	44 / 4	38 / 1					I
	146 / 225	116 / 116	97 / 66	83 / 42	73 / 19	58 / 2							J
	168 / 203	132 / 100	109 / 54	93 / 32	81 / 11								K
	194 / 177	149 / 83	122 / 41	104 / 21	90 / 2								L
	224 / 147	169 / 63	136 / 27	115 / 10									M
	261 / 110	191 / 41	152 / 11										N
	308 / 63	216 / 16											O
													Z

00 / 00

32

NO-DECOMPRESSION TABLE
NOAA NITROX 33

ONLY FOR 33% O2, 67% N2 MIXTURES

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

Yellow = EXCEEDS NOAA 1.40 PO2 LIMIT

MAXIMUM NO-STOP TIME (red top). DIVE TIME REQUIRING DECOMPRESSION – Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) – Bottom. Top-right reference box: 00 (red) / 00 (black).

PO2	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.73	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	**371**
0.78	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	**232**
0.83	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	**163**	180 / 14
0.88	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	**125**	130 / 2	150 / 25
0.93	18.4	60	9	15	21	28	34	41	48	56	63	71	80	89	**92**	100 / 4	110 / 8	130 / 34
1.03	21.4	70	8	14	19	25	31	37	43	50	56	63	71	**74**	80 / 4	90 / 10	100 / 17	
1.13	24.5	80	6	10	14	19	23	28	32	37	42	47	**48**	55 / 9	60 / 14			
1.23	27.6	90	5	9	12	16	20	24	28	32	36	**39**	45 / 10	50 / 17				
1.33	30.6	100	5	9	12	16	20	24	28	32	36	**39**	45 / 10	50 / 17				
1.43	33.7	110	4	7	11	14	17	21	24	28	**30**	35 / 4		40 / 14				
1.53	36.8	120	4	6	9	12	15	18	21	**25**	30 / 3		35 / 15					

CHART 3 – REPETITIVE DIVE TIME

PO2	0.73	0.78	0.83	0.88	0.93	1.03	1.13	1.23	1.33	1.43	1.53	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	
fsw	40	45	50	55	60	70	80	90	100	110	120	
	18 / 353	15 / 217	13 / 150	12 / 113	11 / 81	10 / 64	8 / 40	7 / 32	7 / 32	6 / 24	5 / 20	A
	28 / 343	24 / 208	21 / 142	18 / 107	17 / 75	15 / 59	12 / 36	10 / 29	10 / 29	9 / 21	8 / 17	B
	39 / 332	33 / 199	29 / 134	25 / 100	23 / 69	20 / 54	16 / 32	14 / 25	14 / 25	12 / 18	11 / 14	C
	51 / 320	43 / 189	37 / 126	32 / 93	29 / 63	26 / 48	20 / 28	18 / 21	18 / 21	16 / 14	14 / 11	D
	63 / 308	53 / 179	45 / 118	40 / 85	35 / 57	32 / 42	25 / 23	22 / 17	22 / 17	19 / 11	17 / 8	E
	77 / 294	64 / 168	55 / 108	48 / 77	42 / 50	38 / 36	29 / 19	25 / 14	25 / 14	22 / 8	20 / 5	F
	92 / 279	75 / 157	64 / 99	56 / 69	49 / 43	44 / 30	34 / 14	29 / 10	29 / 10	26 / 4	23 / 2	G
	108 / 263	88 / 144	74 / 89	64 / 61	57 / 35	51 / 23	39 / 9	33 / 6	33 / 6	29 / 1		H
	126 / 245	101 / 131	85 / 78	73 / 52	65 / 27	58 / 16	44 / 4	38 / 1	38 / 1			I
	146 / 225	116 / 116	97 / 66	83 / 42	73 / 19	65 / 9						J
	168 / 203	132 / 100	109 / 54	93 / 32	81 / 11	72 / 2						K
	194 / 177	149 / 83	122 / 41	104 / 21	90 / 2							L
	224 / 147	169 / 63	136 / 27	115 / 10								M
	261 / 110	191 / 41	152 / 11									N
	308 / 63	216 / 16										O
												Z

Reference box (lower left): 00 / 00

CHART 2 – SURFACE INTERVAL TIME

Group	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

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NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

NO-DECOMPRESSION TABLE
NOAA NITROX 34

ONLY FOR 34% O₂, 66% N₂ MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

EXCEEDS NOAA 1.40 PO₂ LIMIT

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

MAXIMUM NO-STOP TIME = 00
DIVE TIME REQUIRING DECOMPRESSION – Top
MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.75	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	**371**
0.80	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	**232**
0.86	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	**163** / 14	180 / 14
0.91	16.9	55	11	17	24	31	39	46	55	63	72	82	92	102	114	**125** / 2	130 / 25	150 / 25
0.96	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	**125** / 2	130 / 25	150 / 25
1.06	21.4	70	8	14	19	25	31	37	43	50	56	63	71	**74** / 4	80 / 10	90 / 17	100	
1.16	24.5	80	6	10	14	19	23	28	32	37	42	47	**48** / 9	55 / 14	60			
1.27	27.6	90	6	10	14	19	23	28	32	37	42	47	**48** / 9	55 / 14	60			
1.37	30.6	100	5	9	12	16	20	24	28	32	36	**39** / 10	45 / 17		50			
1.47	33.7	110	4	7	11	14	17	21	24	28	**30** / 4	35 / 14		40				
1.58	36.8	120	4	6	9	12	15	18	21	**25** / 3	30 / 15		35					

CHART 3 – REPETITIVE DIVE TIME

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

REPETITEVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

PO₂	0.75	0.80	0.86	0.91	0.96	1.06	1.16	1.27	1.37	1.47	1.58	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	36.8	
fsw	40	45	50	55	60	70	80	90	100	110	120	
A	18 / 353	15 / 217	13 / 150	12 / 113	12 / 113	10 / 64	8 / 40	8 / 40	7 / 32	6 / 24	5 / 20	A
B	28 / 343	24 / 208	21 / 142	18 / 107	18 / 107	15 / 59	12 / 36	12 / 36	10 / 29	9 / 21	8 / 17	B
C	39 / 332	33 / 199	29 / 134	25 / 100	25 / 100	20 / 54	16 / 32	16 / 32	14 / 25	12 / 18	11 / 14	C
D	51 / 320	43 / 189	37 / 126	32 / 93	32 / 93	26 / 48	20 / 28	20 / 28	18 / 21	16 / 14	14 / 11	D
E	63 / 308	53 / 179	45 / 118	40 / 85	40 / 85	32 / 42	25 / 23	25 / 23	22 / 17	19 / 11	17 / 8	E
F	77 / 294	64 / 168	55 / 108	48 / 77	48 / 77	38 / 36	29 / 19	29 / 19	25 / 14	22 / 8	20 / 5	F
G	92 / 279	75 / 157	64 / 99	56 / 69	56 / 69	44 / 30	34 / 14	34 / 14	29 / 10	26 / 4	23 / 2	G
H	108 / 263	88 / 144	74 / 89	64 / 61	64 / 61	51 / 23	39 / 9	39 / 9	33 / 6	29 / 1		H
I	126 / 245	101 / 131	85 / 78	73 / 52	73 / 52	58 / 16	44 / 4	44 / 4	38 / 1			I
J	146 / 225	116 / 116	97 / 66	83 / 42	83 / 42	65 / 9						J
K	168 / 203	132 / 100	109 / 54	93 / 32	93 / 32	72 / 2						K
L	194 / 177	149 / 83	122 / 41	104 / 21	104 / 21							L
M	224 / 147	169 / 63	136 / 27	115 / 10	115 / 10							M
N	261 / 110	191 / 41	152 / 11									N
O	308 / 63	216 / 16										O
Z												Z

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES
ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

Group	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

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NO-DECOMPRESSION TABLE
NOAA NITROX 35

ONLY FOR 35% O₂, 65% N₂ MIXTURES

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME

+ABT ACTUAL BOTTOM TIME

ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

🟨 EXCEEDS NOAA 1.40 PO₂ LIMIT

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

MAXIMUM NO-STOP TIME — DIVE TIME REQUIRING DECOMPRESSION – Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.77	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.83	13.8	45	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.88	15.3	50	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163 / 14	180 / 14
0.93	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163 / 14	180 / 14
0.99	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130 / 2	150 / 25
1.09	21.4	70	8	14	19	25	31	37	43	50	56	63	71	74	80 / 4	90 / 10	100 / 17	
1.20	24.5	80	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			
1.30	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			
1.41	30.6	100	5	9	12	16	20	24	28	32	36	39 / 10	45	50 / 17				
1.52	33.7	110	4	7	11	14	17	21	24	28	30	35 / 4	40 / 14					

CHART 3 – REPETITIVE DIVE TIME

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

REPETITEVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

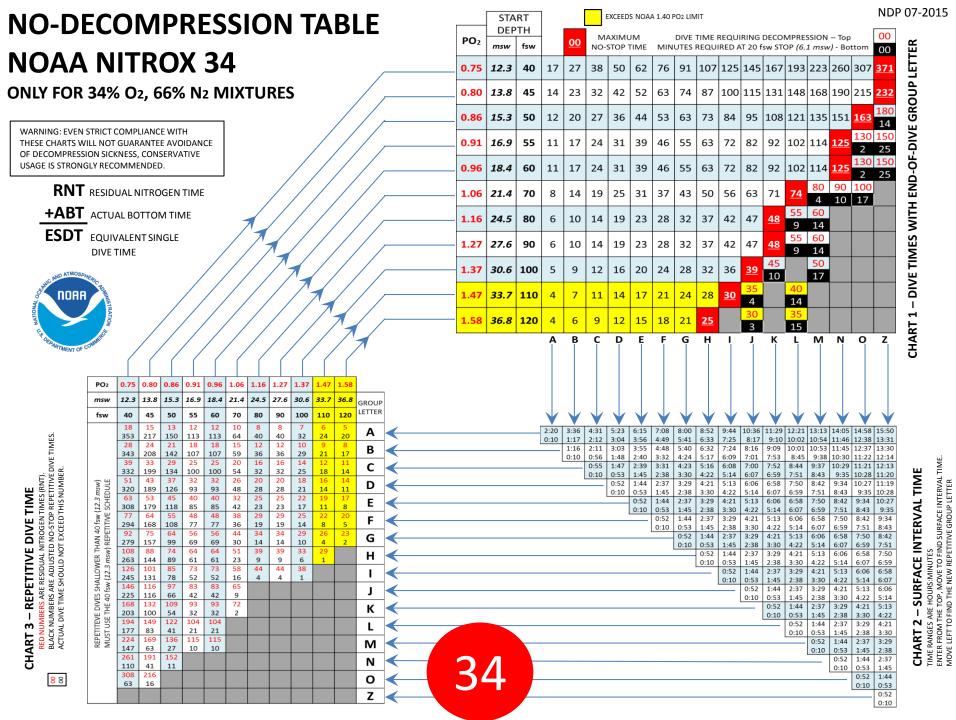| PO₂	0.77	0.83	0.88	0.93	0.99	1.09	1.20	1.30	1.41	1.52	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	
fsw	40	45	50	55	60	70	80	90	100	110	
A	18 / 353	15 / 217	13 / 150	13 / 150	12 / 113	10 / 64	8 / 40	8 / 40	7 / 32	6 / 24	A
B	28 / 343	24 / 208	21 / 142	21 / 142	18 / 107	15 / 59	12 / 36	12 / 36	10 / 29	9 / 21	B
C	39 / 332	33 / 199	29 / 134	29 / 134	25 / 100	20 / 54	16 / 32	16 / 32	14 / 25	12 / 18	C
D	51 / 320	43 / 189	37 / 126	37 / 126	32 / 93	26 / 48	20 / 28	20 / 28	18 / 21	16 / 14	D
E	63 / 308	53 / 179	45 / 118	45 / 118	40 / 85	32 / 42	25 / 23	25 / 23	22 / 17	19 / 11	E
F	77 / 294	64 / 168	55 / 108	55 / 108	48 / 77	38 / 36	29 / 19	29 / 19	25 / 14	22 / 8	F
G	92 / 279	75 / 157	64 / 99	64 / 99	56 / 69	44 / 30	34 / 14	34 / 14	29 / 10	26 / 4	G
H	108 / 263	88 / 144	74 / 89	74 / 89	64 / 61	51 / 23	39 / 9	39 / 9	33 / 6	29 / 1	H
I	126 / 245	101 / 131	85 / 78	85 / 78	73 / 52	58 / 16	44 / 4	44 / 4	38 / 1		I
J	146 / 225	116 / 116	97 / 66	97 / 66	83 / 42	65 / 9					J
K	168 / 203	132 / 100	109 / 54	109 / 54	93 / 32	72 / 2					K
L	194 / 177	149 / 83	122 / 41	122 / 41	104 / 21						L
M	224 / 147	169 / 63	136 / 27	136 / 27	115 / 10						M
N	261 / 110	191 / 41	152 / 11	152 / 11							N
O	308 / 63	216 / 16									O
Z											Z

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES
ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME.
MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

Group																
A	2:20 / 0:10	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
B	1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14	
C	0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20		
D	0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28			
E	0:52 / 0:10	1:44 / 0:53	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 / 9:34				
F	0:52 / 0:10	1:44 / 0:53	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					
G	0:52 / 0:10	1:44 / 0:53	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						
H	0:52 / 0:10	1:44 / 0:53	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							
I	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07								
J	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14									
K	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22										
L	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30											
M	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38												
N	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45													
O	0:52 / 0:10	1:44 / 0:53														
Z	0:52 / 0:10															

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NO-DECOMPRESSION TABLE
NOAA NITROX 36

ONLY FOR 36% O₂, 64% N₂ MIXTURES

Legend: �ढ (yellow) = EXCEEDS NOAA 1.40 PO₂ LIMIT

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

START DEPTH. MAXIMUM NO-STOP TIME — 00. DIVE TIME REQUIRING DECOMPRESSION – Top; MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom. (00 / 00)

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.80	12.3	40	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.85	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.91	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
0.96	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180 / 14
1.01	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130 / 2	150 / 25
1.12	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100 / 4	110 / 8	
1.23	24.5	80	7	12	17	22	28	33	39	45	51	57	60	65 / 2		80 / 14	90 / 23	
1.34	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			
1.45	30.6	100	5	9	12	16	20	24	28	32	36	39	45 / 10		50 / 17			
1.56	33.7	110	4	7	11	14	17	21	24	28	30	35 / 4		40 / 14				

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES. ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER. (cells shown as top / bottom)

Group	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:29	5:13 / 4:22	6:06 / 5:13	6:58 / 6:06	7:50 / 6:59	8:42 / 7:51	9:34 / 8:43	10:27 / 9:35	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	2:38 / 1:45	3:29 / 2:38	4:22 / 3:30	5:13 / 4:22	6:06 / 5:14	6:59 / 6:07	7:50 / 6:59	8:42 / 7:51	9:34 / 8:43	10:27 / 9:35
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE.

(Each group letter row: top = RNT red, bottom = adjusted no-stop time black.)

GROUP LETTER	PO₂ 0.80 (12.3 msw / 40 fsw)	0.85 (13.8 / 45)	0.91 (15.3 / 50)	0.96 (16.9 / 55)	1.01 (18.4 / 60)	1.12 (21.4 / 70)	1.23 (24.5 / 80)	1.34 (27.6 / 90)	1.45 (30.6 / 100)	1.56 (33.7 / 110)
A	18 / 353	18 / 353	15 / 217	13 / 150	12 / 113	11 / 81	9 / 51	8 / 40	7 / 32	6 / 24
B	28 / 343	28 / 343	24 / 208	21 / 142	18 / 107	17 / 75	14 / 46	12 / 36	10 / 29	9 / 21
C	39 / 332	39 / 332	33 / 199	29 / 134	25 / 100	23 / 69	19 / 41	16 / 32	14 / 25	12 / 18
D	51 / 320	51 / 320	43 / 189	37 / 126	32 / 93	29 / 63	24 / 36	20 / 28	18 / 21	16 / 14
E	63 / 308	63 / 308	53 / 179	45 / 118	40 / 85	35 / 57	29 / 31	25 / 23	22 / 17	19 / 11
F	77 / 294	77 / 294	64 / 168	55 / 108	48 / 77	42 / 50	35 / 25	29 / 19	25 / 14	22 / 8
G	92 / 279	92 / 279	75 / 157	64 / 99	56 / 69	49 / 43	40 / 20	34 / 14	29 / 10	26 / 4
H	108 / 263	108 / 263	88 / 144	74 / 89	64 / 61	57 / 35	46 / 14	39 / 9	33 / 6	29 / 1
I	126 / 245	126 / 245	101 / 131	85 / 78	73 / 52	65 / 27	52 / 8	44 / 4	38 / 1	
J	146 / 225	146 / 225	116 / 116	97 / 66	83 / 42	73 / 19	58 / 2			
K	168 / 203	168 / 203	132 / 100	109 / 54	93 / 32	81 / 11				
L	194 / 177	194 / 177	149 / 83	122 / 41	104 / 21	90 / 2				
M	224 / 147	224 / 147	169 / 63	136 / 27	115 / 10					
N	261 / 110	261 / 110	191 / 41	152 / 11						
O	308 / 63	308 / 63	216 / 16							
Z										

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NO-DECOMPRESSION TABLE
NOAA NITROX 37

ONLY FOR 37% O₂, 63% N₂ MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

Legend:
- (yellow) EXCEEDS NOAA 1.40 PO₂ LIMIT
- (orange) EXCEEDS MAX PO₂ SINGLE EXPOSURE LIMIT

CHART 1 — DIVE TIMES WITH END-OF-DIVE GROUP LETTER

MAXIMUM NO-STOP TIME (**00** box) · DIVE TIME REQUIRING DECOMPRESSION — Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom

PO₂	msw	fsw	00	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.82	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595		
0.87	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371	
0.93	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232	
0.99	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180/14	
1.04	18.4	60	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130/2	150/25	
1.15	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100/4	110/8		
1.27	24.5	80	7	12	17	22	28	33	39	45	51	57	60	65/2		80/14	90/23		
1.38	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55/9	60/14				
1.49	30.6	100	5	9	12	16	20	24	28	32	36	39	45/10		50/17				
1.60	33.7	110	4	7	11	14	17	21	24	28	30	35/4		40/14					

CHART 3 — REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE.

(cells shown as RNT / adjusted no-stop time)

PO₂	0.82	0.87	0.93	0.99	1.04	1.15	1.27	1.38	1.49	1.60	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	33.7	
fsw	40	45	50	55	60	70	80	90	100	110	
	21/574	18/353	15/217	13/150	12/113	11/81	9/51	8/40	7/32	6/24	A
	34/561	28/343	24/208	21/142	18/107	17/75	14/46	12/36	10/29	9/21	B
	48/547	39/332	33/199	29/134	25/100	23/69	19/41	16/32	14/25	12/18	C
	63/532	51/320	43/189	37/126	32/93	29/63	24/36	20/28	18/21	16/14	D
	79/516	63/308	53/179	45/118	40/85	35/57	29/31	25/23	22/17	19/11	E
	98/497	77/294	64/168	55/108	48/77	42/50	35/25	29/19	25/14	22/8	F
	118/477	92/279	75/157	64/99	56/69	49/43	40/20	34/14	29/10	26/4	G
	141/454	108/263	88/144	74/89	64/61	57/35	46/14	39/9	33/6	29/1	H
	167/428	126/245	101/131	85/78	73/52	65/27	52/8	44/4	38/1		I
	198/397	146/225	116/116	97/66	83/42	73/19	58/2				J
	237/358	168/203	132/100	109/54	93/32	81/11					K
	286/309	194/177	149/83	122/41	104/21	90/2					L
	354/241	224/147	169/63	136/27	115/10						M
	470/125	261/110	191/41	152/11							N
		308/63	216/16								O
											Z

CHART 2 — SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES. ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER.

(cells shown as top time / bottom time)

Group	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20/0:10	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
B		1:16/0:10	2:11/0:56	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	11:45/10:30	12:37/11:22	13:30/12:14
C			0:55/0:10	1:47/0:53	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	10:29/9:35	11:21/10:28	12:13/11:20
D				0:52/0:10	1:44/0:53	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	11:19/10:28
E					0:52/0:10	1:44/0:53	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
F						0:52/0:10	1:44/0:53	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
G							0:52/0:10	1:44/0:53	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
H								0:52/0:10	1:44/0:53	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
I									0:52/0:10	1:44/0:53	2:37/1:45	3:29/2:38	4:21/3:30	5:13/4:22	6:06/5:14	6:58/6:07
J										0:52/0:10	1:44/0:53	2:37/1:45	3:29/2:38	4:21/3:30	5:13/4:22	6:06/5:14
K											0:52/0:10	1:44/0:53	2:37/1:45	3:29/2:38	4:21/3:30	5:13/4:22
L												0:52/0:10	1:44/0:53	2:37/1:45	3:29/2:38	4:21/3:30
M													0:52/0:10	1:44/0:53	2:37/1:45	3:29/2:38
N														0:52/0:10	1:44/0:53	2:37/1:45
O															0:52/0:10	1:44/0:53
Z																0:52/0:10

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NO-DECOMPRESSION TABLE
NOAA NITROX 38

ONLY FOR 38% O₂, 62% N₂ MIXTURES

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

Legend: ▮ EXCEEDS NOAA 1.40 PO₂ LIMIT ▮ EXCEEDS MAX PO₂ SINGLE EXPOSURE LIMIT

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

Header: START DEPTH · MAXIMUM NO-STOP TIME (00) · DIVE TIME REQUIRING DECOMPRESSION — Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom · (00/00)

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.84	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	
0.90	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.96	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
1.01	16.9	55	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180 / 14
1.07	18.4	60	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180 / 14
1.19	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100 / 4	110 / 8	
1.30	24.5	80	7	12	17	22	28	33	39	45	51	57	60	65 / 2		80 / 14	90 / 23	
1.42	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			
1.53	30.6	100	5	9	12	16	20	24	28	32	36	39	45 / 10		50 / 17			

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES. ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

GROUP	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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 / 9:34
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

PO₂	0.84	0.90	0.96	1.01	1.07	1.19	1.30	1.42	1.53	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	
fsw	40	45	50	55	60	70	80	90	100	
	21 / 574	18 / 353	15 / 217	13 / 150	13 / 150	11 / 81	9 / 51	8 / 40	7 / 32	A
	34 / 561	28 / 343	24 / 208	21 / 142	21 / 142	17 / 75	14 / 46	12 / 36	10 / 29	B
	48 / 547	39 / 332	33 / 199	29 / 134	29 / 134	23 / 69	19 / 41	16 / 32	14 / 25	C
	63 / 532	51 / 320	43 / 189	37 / 126	37 / 126	29 / 63	24 / 36	20 / 28	18 / 21	D
	79 / 516	63 / 308	53 / 179	45 / 118	45 / 118	35 / 57	29 / 31	25 / 23	22 / 17	E
	98 / 497	77 / 294	64 / 168	55 / 108	55 / 108	42 / 50	35 / 25	29 / 19	25 / 14	F
	118 / 477	92 / 279	75 / 157	64 / 99	64 / 99	49 / 43	40 / 20	34 / 14	29 / 10	G
	141 / 454	108 / 263	88 / 144	74 / 89	74 / 89	57 / 35	46 / 14	39 / 9	33 / 6	H
	167 / 428	126 / 245	101 / 131	85 / 78	85 / 78	65 / 27	52 / 8	44 / 4	38 / 1	I
	198 / 397	146 / 225	116 / 116	97 / 66	97 / 66	73 / 19	58 / 2			J
	237 / 358	168 / 203	132 / 100	109 / 54	109 / 54	81 / 11				K
	286 / 309	194 / 177	149 / 83	122 / 41	122 / 41	90 / 2				L
	354 / 241	224 / 147	169 / 63	136 / 27	136 / 27					M
	470 / 125	261 / 110	191 / 41	152 / 11	152 / 11					N
		308 / 63	216 / 16							O
										Z

NO-DECOMPRESSION TABLE
NOAA NITROX 39

ONLY FOR 39% O₂, 61% N₂ MIXTURES

Legend: ■ EXCEEDS NOAA 1.40 PO₂ LIMIT ■ EXCEEDS MAX PO₂ SINGLE EXPOSURE LIMIT

> WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

MAXIMUM NO-STOP TIME = **00**
DIVE TIME REQUIRING DECOMPRESSION – Top / MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) - Bottom

Top-right group indicator: **00** (red) / **00** (black)

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.86	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	
0.92	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
0.98	15.3	50	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
1.04	16.9	55	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
1.10	18.4	60	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180 / 14
1.22	21.4	70	9	15	21	28	34	41	48	56	63	71	80	89	92	100 / 4	110 / 8	
1.34	24.5	80	8	14	19	25	31	37	43	50	56	63	71	74	80 / 4	90 / 10	100 / 17	
1.45	27.6	90	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			
1.57	30.6	100	6	10	14	19	23	28	32	37	42	47	48	55 / 9	60 / 14			

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES
ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME.
MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER

Group																
A	2:20 / 0:10	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
B	1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14	
C	0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20		
D	0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28			
E	0:52 / 0:10	1:44 / 0:53	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				
F	0:52 / 0:10	1:44 / 0:53	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					
G	0:52 / 0:10	1:44 / 0:53	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						
H	0:52 / 0:10	1:44 / 0:53	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							
I	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07								
J	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14									
K	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22										
L	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30											
M	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38												
N	0:52 / 0:10	1:44 / 0:53	2:37 / 1:45													
O	0:52 / 0:10	1:44 / 0:53														
Z	0:52 / 0:10															

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE

PO₂	0.86	0.92	0.98	1.04	1.10	1.22	1.34	1.45	1.57	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	30.6	
fsw	40	45	50	55	60	70	80	90	100	
	21 / 574	18 / 353	15 / 217	15 / 217	13 / 150	11 / 81	10 / 64	8 / 40	8 / 40	A
	34 / 561	28 / 343	24 / 208	24 / 208	21 / 142	17 / 75	15 / 59	12 / 36	12 / 36	B
	48 / 547	39 / 332	33 / 199	33 / 199	29 / 134	23 / 69	20 / 54	16 / 32	16 / 32	C
	63 / 532	51 / 320	43 / 189	43 / 189	37 / 126	29 / 63	26 / 48	20 / 28	20 / 28	D
	79 / 516	63 / 308	53 / 179	53 / 179	45 / 118	35 / 57	32 / 42	25 / 23	25 / 23	E
	98 / 497	77 / 294	64 / 168	64 / 168	55 / 108	42 / 50	38 / 36	29 / 19	29 / 19	F
	118 / 477	92 / 279	75 / 157	75 / 157	64 / 99	49 / 43	44 / 30	34 / 14	34 / 14	G
	141 / 454	108 / 263	88 / 144	88 / 144	74 / 89	57 / 35	51 / 23	39 / 9	39 / 9	H
	167 / 428	126 / 245	101 / 131	101 / 131	85 / 78	65 / 27	58 / 16	44 / 4	44 / 4	I
	198 / 397	146 / 225	116 / 116	116 / 116	97 / 66	73 / 19	65 / 9			J
	237 / 358	168 / 203	132 / 100	132 / 100	109 / 54	81 / 11	72 / 2			K
	286 / 309	194 / 177	149 / 83	149 / 83	122 / 41	90 / 2				L
	354 / 241	224 / 147	169 / 63	169 / 63	136 / 27					M
	470 / 125	261 / 110	191 / 41	191 / 41	152 / 11					N
		308 / 63	216 / 16	216 / 16						O
										Z

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NO-DECOMPRESSION TABLE
NOAA NITROX 40

ONLY FOR 40% O₂, 60% N₂ MIXTURES

WARNING: EVEN STRICT COMPLIANCE WITH THESE CHARTS WILL NOT GUARANTEE AVOIDANCE OF DECOMPRESSION SICKNESS, CONSERVATIVE USAGE IS STRONGLY RECOMMENDED.

RNT RESIDUAL NITROGEN TIME
+ABT ACTUAL BOTTOM TIME
ESDT EQUIVALENT SINGLE DIVE TIME

Legend:
- 🟨 EXCEEDS NOAA 1.40 PO₂ LIMIT
- 🟧 EXCEEDS MAX PO₂ SINGLE EXPOSURE LIMIT

CHART 1 – DIVE TIMES WITH END-OF-DIVE GROUP LETTER

MAXIMUM NO-STOP TIME (00). DIVE TIME REQUIRING DECOMPRESSION – Top; MINUTES REQUIRED AT 20 fsw STOP (6.1 msw) – Bottom.

PO₂	msw	fsw	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
0.88	12.3	40	20	33	47	62	78	97	117	140	166	198	236	285	354	469	595	
0.95	13.8	45	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
1.01	15.3	50	17	27	38	50	62	76	91	107	125	145	167	193	223	260	307	371
1.07	16.9	55	14	23	32	42	52	63	74	87	100	115	131	148	168	190	215	232
1.13	18.4	60	12	20	27	36	44	53	63	73	84	95	108	121	135	151	163	180 / 14
1.25	21.4	70	11	17	24	31	39	46	55	63	72	82	92	102	114	125	130 / 12	150 / 25
1.37	24.5	80	8	14	19	25	31	37	43	50	56	63	71	74	80 / 4	90 / 10		
1.49	27.6	90	7	12	17	22	28	33	39	45	51	57	60	65 / 2		80 / 14	90 / 23	

CHART 2 – SURFACE INTERVAL TIME

TIME RANGES ARE HOURS:MINUTES. ENTER FROM THE TOP, MOVE TO FIND SURFACE INTERVAL TIME. MOVE LEFT TO FIND THE NEW REPETITIVE GROUP LETTER.

Group	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Z
A	2:20 / 0:10	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
B		1:16 / 0:10	2:11 / 0:56	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	11:45 / 10:30	12:37 / 11:22	13:30 / 12:14
C			0:55 / 0:10	1:47 / 0:53	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	10:29 / 9:35	11:21 / 10:28	12:13 / 11:20
D				0:52 / 0:10	1:44 / 0:53	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	11:19 / 10:28
E					0:52 / 0:10	1:44 / 0:53	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
F						0:52 / 0:10	1:44 / 0:53	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
G							0:52 / 0:10	1:44 / 0:53	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
H								0:52 / 0:10	1:44 / 0:53	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
I									0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14	6:58 / 6:07
J										0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22	6:06 / 5:14
K											0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30	5:13 / 4:22
L												0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38	4:21 / 3:30
M													0:52 / 0:10	1:44 / 0:53	2:37 / 1:45	3:29 / 2:38
N														0:52 / 0:10	1:44 / 0:53	2:37 / 1:45
O															0:52 / 0:10	1:44 / 0:53
Z																0:52 / 0:10

CHART 3 – REPETITIVE DIVE TIME

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

REPETITIVE DIVES SHALLOWER THAN 40 fsw (12.3 msw) MUST USE THE 40 fsw (12.3 msw) REPETITIVE SCHEDULE.

PO₂	0.88	0.95	1.01	1.07	1.13	1.25	1.37	1.49	GROUP LETTER
msw	12.3	13.8	15.3	16.9	18.4	21.4	24.5	27.6	
fsw	40	45	50	55	60	70	80	90	
RNT	21	18	18	15	13	12	10	9	**A**
ABT	574	353	353	217	150	113	64	51	
RNT	34	28	28	24	21	18	15	14	**B**
ABT	561	343	343	208	142	107	59	46	
RNT	48	39	39	33	29	25	20	19	**C**
ABT	547	332	332	199	134	100	54	41	
RNT	63	51	51	43	37	32	26	24	**D**
ABT	532	320	320	189	126	93	48	36	
RNT	79	63	63	53	45	40	32	29	**E**
ABT	516	308	308	179	118	85	42	31	
RNT	98	77	77	64	55	48	38	35	**F**
ABT	497	294	294	168	108	77	36	25	
RNT	118	92	92	75	64	56	44	40	**G**
ABT	477	279	279	157	99	69	30	20	
RNT	141	108	108	88	74	64	51	46	**H**
ABT	454	263	263	144	89	61	23	14	
RNT	167	126	126	101	85	73	58	52	**I**
ABT	428	245	245	131	78	52	16	8	
RNT	198	146	146	116	97	83	65	58	**J**
ABT	397	225	225	116	66	42	9	2	
RNT	237	168	168	132	109	93	72		**K**
ABT	358	203	203	100	54	32	2		
RNT	286	194	194	149	122	104			**L**
ABT	309	177	177	83	41	21			
RNT	354	224	224	169	136	115			**M**
ABT	241	147	147	63	27	10			
RNT	470	261	261	191	152				**N**
ABT	125	110	110	41	11				
RNT		308	308	216					**O**
ABT		63	63	16					
ABT		63							**Z**

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