## COMBINED AIR/EANX DIVETABLES

DOPPLER NO-DECOMPRESSION LIMITS BASED ON U.S. NAVY DIVE TABLES



# No-Decompression Limits and Repetitive Group Designation Table For No-Decompression Dives

2 00 8 110 1 01 1 10 2 00 110 1 2 10 0														
DEPTH IN FEET			Doppler	<b>HOW TO USE TABLE 1:</b> Find the planned depth of your dive in feet at the far left of Table 1. Read to the right until you find the time (minutes) you plan to spend at										
AIR	EAN32	EAN36	limits									s) you pl	an to sp	end at
PO <sub>2</sub>	PO <sub>2</sub>	PO <sub>2</sub>	(minutes)					the Gro	up Desi	gnation	letter.			
10 0.27	16 0.48	20 0.58		60	120	210	300							
15 0.31	22 0.54	26 0.65		35	70	110	160	225	350					
20 0.34	28	32 0.71		25	50	75	100	135	180	240	325			
25 0.37	34 0.65	38 0.78	245	20	35	55	75	100	125	160	195	245		
30 0.40	40 0.71	44 0.85	205	15	30	45	60	75	95	120	145	170	205	
35 0.43	46 0.77	50 0.92	160	5	15	25	40	50	60	80	100	120	140	160
40 0.47	5 I 0.82	57 0.98	130	5	15	25	30	40	50	70	80	100	110	130
<b>50</b> 0.53	63 0.94	69 1.12	70	$\Box$	10	15	25	30	40	50	60	70		
60 0.59	75 1.05	81 1.25	50		10	15	20	25	30	40	50			
70 0.66	86 1.16	94 1.39	40		5	10	15	20	30	35	40			
80 0.72	98 1.27	1.52	30		5	10	15	20	25	30				
90 0.78	109		25		5	10	12	15	20	25				
100 0.85	121		20		5	7	10	15	20					
110 0.91	130		15			5	10	13	15					
120 0.97			10			5	10							
130			5	$\nabla Z$	$\nabla Z$	5		7	7	7	7	7	7	$\nabla$

#### **GROUP DESIGNATION:**

NATION: ABCDEFGHIJK

# HOW TO USE TABLE 2:

Enter with the Group Designation letter from Table 1. Follow the arrow down to the corresponding letter on Table 2.To the left of these letters are windows of time. Read to the left until you find the times between which your surface interval falls. Then read down until you find your New Group Designation letter. Dives following surface intervals of more than 12 hours are not repetitive dives.



NEW GROUP DESIGNATION ➤ A B C D E F G H I J K

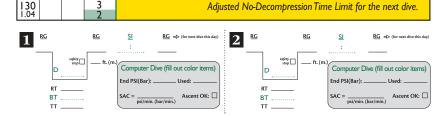
REPETITIVE ▼ RESIDUAL NITROGEN TIMES DISPLAYED ON REVERSE ▼

## DMBINED AIR/EANX DIVETABLES

DOPPLER NO-DECOMPRESSION LIMITS BASED ON U.S. NAVY DIVE TABLES



**TABLE** Residual Nitrogen Times (Minutes) CONTINUED FROM REVERSE SIDE NEW GROUP DESIGNATION C Ξ K B D G REPETITIVE DIVE DEPTH IN FEET EAN32 EAN36 PO<sub>2</sub> PO<sub>2</sub> ■ =ADIUSTED NO-DECOMPRESSION TIME LIMITS N/L=NO LIMIT AIR PO<sub>2</sub> 0.27 0.48 0.58 N/L N/L N/L N/L 0.34 0.60 0.71 N/L N/L N/L N/L N/L N/L N/L N/L N/L 0.40 0.71 0.85 0.98 0.47 0.82 0.53 0.94 1.12 П 0.59 1.05 1.25 **HOW TO USE** TABLE 3: 1.39 0.66 1.16 Enter with the New 0.72 1.27 Group Designation letter from Table 2. Next, find the planned 22 П 0.78 depth of your repetitive dive in 100 121 feet at the far left of Table 3. The box 0.85 1.50 that intersects the Repetitive Dive Depth and the New Group Designation will have two 0.91 1.58 numbers. The top number indicates the Residual 0.97 



Nitrogen Time. The bottom number indicates the maximum

Adjusted No-Decompression Time Limit for the next dive.

**WARNING:** The U.S. Navy Dive Tables were designed to Navy specifications for use by Navy Divers. When used by recreational divers, the tables should be used conservatively. Even when used correctly with proper safety procedures, decompression sickness may still occur.

**SAFETY STOP PROCEDURE:** It is recommended that you make a 3- to 5-minute safety stop at 15 feet on all dives over 30 feet.

OMITTED DECOMPRESSION PROCEDURE: Should you exceed the Doppler No-Decompression Time Limits by less than 5 minutes on any dive, it is recommended that you ascend normally to 15 feet and stop for at least 10 minutes or longer if your air supply allows. Should you exceed the Doppler No-Decompression Time Limits by more than 5 minutes but less than 10 minutes on any dive, it is recommended that you stop at 15 feet for at least 20 minutes or longer if your air supply allows.

Refrain from any further scuba diving activities for at least 24 hours.