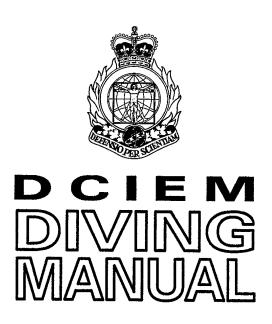
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# AIR DECOMPRESSION PROCEDURES AND TABLES

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**DEPARTMENT OF NATIONAL DEFENCE - CANADA** 

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# SECTION 1 INTRODUCTION

### 1. BACKGROUND

When compressed air is breathed at depth, the inert gas, nitrogen, diffuses into the various tissues of the body. Nitrogen diffusion continues at different rates for the various tissues as long as the partial pressure of the inspired nitrogen is greater than the partial pressure of the gas absorbed in the tissues. The amount of nitrogen absorbed increases with the partial pressure of the inspired nitrogen (depth) and the duration of the exposure (bottom time).

When the diver ascends, the process is reversed as the nitrogen partial pressure in the tissues exceeds that in the circulatory and respiratory systems. This pressure gradient from the tissues of the blood and lungs must be carefully controlled to prevent a too rapid diffusion of nitrogen. If the pressure gradient is uncontrolled, bubbles of nitrogen gas form in the tissues and blood which can result in the development of decompression sickness.

The set of air decompression tables presented here have been developed for Canadian Forces diving by the Experimental Diving Unit of the Defence and Civil Institute of Environmental Medicine (DCIEM). They are identical to those contained in the Canadian Forces Diving Manual [1]. The tables were derived from the DCIEM 1983 Decompression Model and are based on over 20 years of decompression research at DCIEM which began with the pioneering studies by Kidd and Stubbs in 1962 [2-5]. These tables provide a more conservative approach to decompression procedures than those currently published by the United States Navy [6] and the Royal Navy [7].

Selected profiles were tested extensively using the Doppler ultrasonic bubble detector as an aid to assessing the severity of the decompression stress [8] produced by these tables. Tests were conducted in a hyperbaric chamber with wet-working divers in cold water between 5 -10° Celsius as well as with dry-resting divers. No realistic decompression procedures can totally eliminate the occurrence of decompression sickness. However, these tables are believed to be safer than most existing tables.

### 2. DESCRIPTION OF DECOMPRESSION TABLES

The DCIEM Air Diving Tables consist of the following tables:

Table 1	Standard Air Decompression
Table 1S	Short Standard Air Decompression
Table 2	In-Water Oxygen Decompression
Table 2S	Short In-Water Oxygen Decompression
Table 3	Surface Decompression with Oxygen
Table 4A	Repetitive Factors/Surface Intervals
Table 4B	No-Decompression Repetitive Diving
Table 5	Depth Corrections for Diving at Altitude

Appendix A contains these tables in feet of seawater (fsw) and Appendix B contains these tables in metres of seawater (msw). Depths to 240 fsw (72 msw) are covered. In the procedures described here for the use of the tables, all depths will be given in both fsw and msw. However, examples illustrating the procedures will only be given in fsw.

The decompression schedules for all tables are given in 10 fsw (3 msw) increments. For Tables 1, 2, and 3 each depth segment is divided into two sections by a double line corresponding to the Normal Air Diving Limit (Figure 1). Dive profiles below this line are considered Exceptional Exposures and should be used only under exceptional circumstances and then only after careful

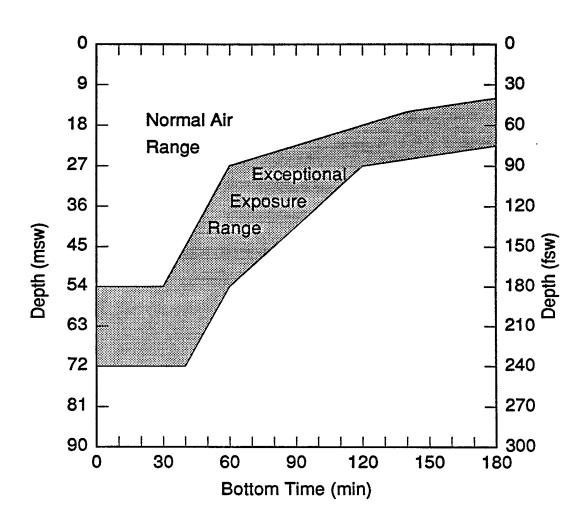


Figure 1. DCIEM Air Diving Limits

consideration of the potential consequences. Only Surface Decompression with Oxygen (SurD  $O_2$ ) (with In-Water Oxygen Decompression as backup) should be considered for such exposures. After an Exceptional Exposure Dive, it is recommended that no diving be done for at least 18 hrs.

Tables 1S, 4A, 4B, and 5 have been adapted for recreational divers and are available on a plastic card as the "DCIEM Sport Diving Tables". The four tables have been renamed as Tables A, B, C, and D, respectively, and include depths in both fsw and msw.

### 3. DEFINITION OF TERMS

### a. Ascent Rate

A specified rate of travel that the diver must maintain up to and between decompression stops. For these tables, the ascent rate is  $60 \pm 10$  fsw/min ( $18 \pm 3$  msw/min);

### b. Bottom Time (BT)

The total elapsed time from when the diver leaves the surface to the time (next whole minute) that the diver begins to ascend, measured in minutes;

### c. Decompression Schedule

Specific decompression procedure for a given combination of depth and bottom time as listed in a decompression table; it is normally indicated as maximum depth (fsw or msw)/bottom time (min);

### d. Decompression Stop

Specific length of time which a diver must spend at a specified depth to allow for the elimination of sufficient inert gas from the body to allow safe ascent to the next decompression stop or the surface;

<sup>1.</sup> Produced under license by Universal Dive Techtronics, Inc., #201 - 2691 Viscount Way, Richmond, B.C., Canada V6V 1M9.

### e. *Depth*

The maximum depth attained, measured in fsw or msw;

### f. Descent Rate

The maximum rate of travel allowed in descending to the bottom. For these tables, the descent rate is 60 fsw/min (18 msw/min) maximum;

### g. Effective Bottom Time (EBT)

For Repetitive Diving, the calculated Bottom Time for decompression purposes taking into consideration the residual nitrogen from the previous dive(s);

### h. Effective Depth (ED)

For a dive at altitude, the depth of an equivalent dive at sea level;

### i. Multi-level Dive

A dive during which the bottom time is spent at two or more depths given in the tables;

### j. No-Decompression Limit

The maximum bottom time which allows a direct ascent to the surface without requiring decompression stops;

### k. Point of Interruption

The time at which normal decompression was interrupted as a result of an emergency procedure, i.e., loss of breathing gas, O2 symptom. Once the situation allows the return to normal decompression procedures, the table is to be reentered where the interruption occurred.

### I." Repetitive Dive

Any dive that has a Repetitive Factor greater than 1.0;

### m. Repetitive Factor (RF)

A figure, used for Repetitive Diving, determined by the Repetitive Group and the length of the surface interval after a dive:

### n. Repetitive Group (RG)

A letter which relates directly to the amount of residual nitrogen in a diver's body immediately on surfacing from a dive;

### o. Residual Nitrogen

Nitrogen in excess of normal conditions that is still dissolved in a diver's tissues after the surface has been reached:

### p. Stop Time

The tabulated decompression stop time which includes the travelling time to that stop at 60  $\pm$ 10 fsw/min (18  $\pm$  3 msw/min) except for in-water  $O_2$  stops where the stop time commences after the diver is confirmed on  $O_2$ ;

### q. Surface Interval (SI)

The time which a diver has spent on the surface following a dive; beginning as soon as the diver surfaces and ending as soon as the diver starts the descent for the next dive:

### r. Surface Interval - SurD O2

When using Table 3, Surface Decompression with Oxygen (SurD  $O_2$ ), this is the time from the diver leaving the 30 fsw (9 msw) water stop (or the bottom if no stop required) to arriving at the 40 fsw (12 msw) RCC stop. The maximum time allowed is 7 minutes.

### 4. DIVE RECORDING

Every dive should be recorded. A sample Dive Chart is shown in Appendix C. The Dive Chart is a convenient means of collecting the dive data which must then be entered into the official dive log.

# SECTION 2 DECOMPRESSION PROCEDURES

### 1. STANDARD AIR DECOMPRESSION (TABLE 1)

The Standard Air Decompression table is contained in Table 1 (Appendix A for fsw and Appendix B for msw) in the traditional tabular format of depth, bottom time, stop times and total ascent time. Each depth segment in the table is divided into two sections by a double line corresponding to the Normal Air Diving Limit in Figure 1. Users of this Standard Air decompression table are cautioned, however, that it has been validated by manned experiments to the limit of the Normal Air Diving Range only.

Repetitive Groups are shown for dives within the Normal Air Diving Limit only and are not shown for dives beyond this line (Exceptional Exposures) since repetitive diving is not recommended in this range. (Note that these Repetitive Groups are different from and thus incompatible with the Repetitive Groups of the US Navy Tables.)

The procedure for Standard Air decompression is:

- a. descend at 60 fsw/min (18 msw/min) or slower; and
- b. ascend at 60  $\pm$ 10 fsw/min (18  $\pm$  3 msw) to the indicated stops and remain at each stop for the stop time. (The tabulated stop time for each stop includes the ascent time to that stop at 60 fsw/min).

### Example 1 (Figure 2):

Determine the decompression schedule required for a dive to 104 fsw and a bottom time of 22 minutes.

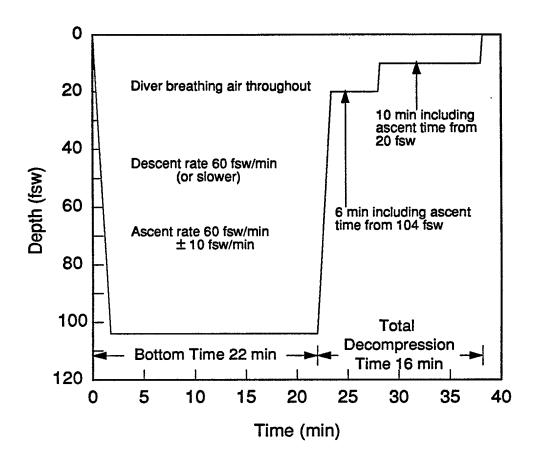


Figure 2. Standard Air Dive to 104 fsw/22 min (Example 1)

Dive	104 fsw/22 min
Decompression schedule	110 fsw/25 min from Table 1
Decompression Stops 20 fsw - 6 min 10 fsw - 10 min	Travel time to 20 fsw is 1.4 min Actual stop time is 4.6 min
Repetitive Group	G

Enter Table 1 at the depth which is exactly equal to or next greater than 104 fsw. Select 110 fsw.

Using the 110 fsw schedule, proceed to the bottom time column and find the listed time which is exactly equal to or next greater than 22 minutes. Select 25 minutes.

Proceed horizontally across the table at the 110 fsw/25 min level to find the decompression stops and the Repetitive Group (RG) designator prescribed for this dive. Decompression Stops and RG designator are as follows:

6 min stop at 20 fsw 10 min stop at 10 fsw Repetitive Group on surfacing - "G"

### 2. SHORT STANDARD AIR DECOMPRESSION (TABLE 1S)

The "Short" Standard Air table presented in Table 1S is essentially a simplified one-page version of the main table limited to 150 fsw (45 msw). It is divided into two sections - a no-decompression section on the left of the broad vertical line and a decompression-required section to the right of the line. Each entry in the table gives a Bottom Time and, where applicable, a Repetitive Group. Where bottom times appear without a Repetitive Group, repetitive diving is not recommended.

In the no-decompression (no stop) section, bottom times are given for each Repetitive Group at each depth. These are for the purposes of calculating repetitive dives. The largest number to the left of the broad vertical line is the no-decompression limit at the given depth for first dives only.

For bottom times in the "decompression-required" section of Table 1S, the decompression stop times and stop depths are specified after the 60 fsw (18 msw) row and at the bottom of the table after the 150 fsw (45 msw) row. Stop times are given in increments of 5 min and include the ascent time to the stop at  $60 \pm 10$  fsw/min (18  $\pm$  3 msw/min). For depths to 60 fsw (18 msw), decom-

pression stops are taken at 10 fsw (3 msw) only. For deeper depths, decompression stops are at 20 and 10 fsw (6 and 3 msw).

The no-decompression limits in Tables 1 and 1S are for first dives only. For repetitive no-decompression dives, the allowed no-decompression limits are prescribed in Table 4B.

To use Table 1S, follow the previously prescribed procedures for the Standard Air Decompression table. Example 1 has been reworked for Table 1S in the example below.

Determine the decompression schedule required for a dive to 104 fsw and a bottom time of 22 minutes. Enter Table 1S at the depth which is exactly equal to or next greater to 104 fsw. Select 110 fsw.

Using the 110 fsw schedule, proceed to the bottom time column and find the listed time which is exactly equal to or next greater to 22 minutes. Select 22 minutes.

Follow the bottom time column downward to the listed decompression stops for 20 fsw and 10 fsw, respectively. Table 1S shows that the required decompression is as follows:

5 min stop at 20 fsw 10 min stop at 10 fsw Repetitive Group on surfacing - "F"

### 3. IN-WATER OXYGEN DECOMPRESSION (TABLE 2)

The benefits of using oxygen for decompression are well known and applied universally with various surface decompression procedures. In diving operations, however, it is not always possible to have a chamber on-site. Yet, it is often possible to supply the diver with  $O_2$  (closed or semi-closed apparatus with pure  $O_2$  supply, lightweight surface supplied systems, etc.). Therefore, it was decided to apply  $O_2$  in the water.

Although  $O_2$  is only given to the divers at the conservative depth of 30 fsw (9 msw), the possibility of  $O_2$  toxicity problems still

exist. Therefore, the following conditions are recommended for using the in-water O<sub>2</sub> procedures:

- a. a diver on O<sub>2</sub> must be accompanied (i.e., two divers on O<sub>2</sub> or one diver on O<sub>2</sub> plus the standby diver) for the period of O<sub>2</sub> breathing; and
- b. a recompression chamber (RCC) must be within 1 hour travelling time.

The In-Water Oxygen Decompression table is contained in Table 2. In-water decompression stops on air to and including 40 fsw (12 msw) are identical to the Standard Air table. At 30 fsw (9 msw), the diver breathes  $O_2$  until the decompression requirements are satisfied and then ascends directly to the surface. The decompression time listed starts when the diver is confirmed on  $O_2$  and does not include the ascent time to 30 fsw (9 msw). This procedure reduces the total decompression time by 35-40% over the Standard Air method. The In-water Oxygen Decompression procedure is:

- a. ascend as for Standard Air to 30 fsw (9 msw) and stop;
- b. switch the diver's gas to  $O_2$ ; the diver remains on  $O_2$  at 30 fsw (9 msw) for the full tabulated stop time. This stop time commences when the Diver is confirmed on  $O_2$ ; and
- c. ascend to the surface on O<sub>2</sub> (one minute is included in the Decompression Time column as a *guide only*).

### Example 2 (Figure 3):

Determine the decompression schedule required for a dive to 73 fsw and a bottom time of 58 minutes.

Enter Table 2 at the depth which is exactly equal to or next greater than 73 fsw. Select 80 fsw.

Using the 80 fsw schedule, proceed to the bottom time column and find the listed time which is exactly equal to or next greater

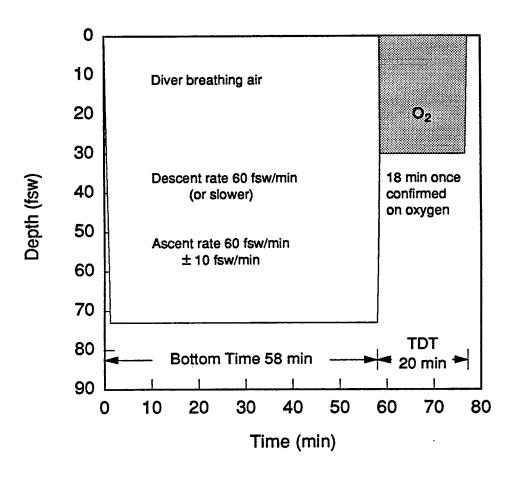


Figure 3. In-water  $O_2$  Dive to 73 fsw/58 min (Example 2)

Dive	73 fsw/58 min
Decompression schedule	80 fsw/60 min from Table 2
Decompression Stops 30 fsw - 18 min on O <sub>2</sub>	Does not include travel time to this stop
Repetitive Group	1

than 58 minutes. Select 60 minutes.

Proceed horizontally across the table at the 80 fsw/60 min level to find the decompression stops and the RG.

The required decompression stop is 30 fsw. The stop time, once confirmed on  $O_2$ , is 18 minutes. The Repetitive Group is "I".

During the  $O_2$  breathing period at 30 fsw (9 msw), a 5-minute air break may be used at the end of each 30 minute  $O_2$  period. As this is an option, 5-minute airbreaks are not included in the total decompression times in the printed tables.

The In-Water  $O_2$  decompression table can also be applied to repetitive diving. Repetitive Groups are shown in Table 2 for dives within the normal air diving range shown in Figure 1. Note that these groups are different from those in Table 1 because of the  $O_2$  decompression.

### 4. SHORT IN-WATER OXYGEN DECOMPRESSION (TABLE 2S)

The "Short" In-Water  $O_2$  Decompression table is contained in Table 2S. This is similar to Table 1S with a no-decompression section on the left hand side and a decompression - required section on the right hand side. Each entry in the table gives a Bottom Time and, where applicable, a Repetitive Group. In the decompression-required section, the bottom times are restricted to those where the only stop is the 30 fsw (9 msw)  $O_2$  decompression stop. The decompression times are given in increments of 5 minutes and do not include the ascent time to the 30 fsw (9 msw) stop at 60  $\pm$  10 fsw/min (18  $\pm$  3 msw/min).

Example 2 reworked for the "Short In-Water Oxygen Decompression Table is as follows:

Determine the decompression schedule required for a dive to 73 fsw and a bottom time of 58 minutes.

Enter Table 2S at the depth which is exactly equal to or next greater than 73 fsw. Select 80 fsw.

At 80 fsw, proceed to the bottom time column to the listed time which is exactly equal to or next greater than 58 minutes. Select 64 minutes.

Follow the bottom time column downward to the decompression time line. The required decompression is 20 minutes on  $O_2$  at 30 fsw and does not include the time required to reach 30 fsw.

### 5. SURFACE DECOMPRESSION WITH OXYGEN (TABLE 3)

Surface decompression procedures reduce the in-water exposure time substantially with most of the decompression being carried out in a dry recompression chamber (RCC) on the surface. Decompression is carried out normally as for Standard Air until the end of the 30 fsw (9 msw) stop. Thus the decompression stops on air to and including 30 fsw (9 msw) are identical to the Standard Air Table. At the end of the 30 fsw (9 msw) stop, the diver then goes directly to the surface and then returns to 40 fsw (12 msw) in an RCC to complete the decompression requirements on O<sub>2</sub>. After each 30 minute period on O<sub>2</sub>, 5-minute air breaks are taken.

The Surface Decompression with Oxygen (SurD  $O_2$ ) table is contained in Table 3. The SurD  $O_2$  table has been validated by manned experiments to the limits of the exceptional exposure range shown in Figure 1. SurD  $O_2$  is the preferred method for all compressed air diving requiring significant amounts of decompression, and it is the only method recommended for exceptional exposure diving.

The procedure for its use is:

a. ascend and decompress as for Standard Air to the completion of the 30 fsw (9 msw) or the surface if no in-water stop is shown. (Stop time includes ascent to 30 fsw (9 msw) stop at 60 ± 10 fsw/min (18 ± 3 msw/min))

- b. ascend to the surface at  $60 \pm 10$  fsw/min ( $18 \pm 3$  msw/min) and recompress on  $O_2$  to 40 fsw (12 msw) in the RCC. The Surface Interval SurD  $O_2$  is the time from leaving the 30 fsw (9 msw) water stop (or the bottom, if no in-water stop is required) to reaching the 40 fsw (12 msw) RCC stop. This time must not exceed 7 minutes;
- c. remain on O<sub>2</sub> at 40 fsw (12 msw) for the tabulated stop time with 5 minute air breaks<sup>2</sup> after every 30 minutes on O<sub>2</sub> (the asterisk "\*" following the O<sub>2</sub> stop times in the tables represent the number of air breaks); and
- d. ascend to the surface on the breathing medium used (one min is included in the Decompression Time column as a guide only).

### Example 3 (Figure 4):

Determine the decompression schedule required for a dive to 120 fsw/75 min.

Enter Table 3 at the depth which is exactly equal to or next greater than 120 fsw. Select 120 fsw.

Using the 120 fsw schedule, proceed to the bottom time column and find the listed time which is exactly equal to or next greater than 75 minutes. Select 75 minutes.

<sup>1.</sup> The maximum Surface Interval (SI) - SurD O<sub>2</sub> of 7 minutes was chosen to enhance the operability of the procedure and to reduce the chances of "omitted decompression" during operations. Extensive experimentation using the full 7 minute SI has proven this procedure safe. In operational use, the SI should be kept to a minimum.

<sup>2.</sup> When the  $O_2$  stop time is a multiple of 30 minute, a 5-minute air break may or may not be required before ascent to the surface. The 5 minute air breaks after 30 minutes on  $O_2$  were included in calculating the 40 fsw (12 msw)  $O_2$  stop times. The tabulated 40 fsw (12 msw) stop times are " $O_2$  Times" only, while the Total Decompression Time column includes the air breaks.

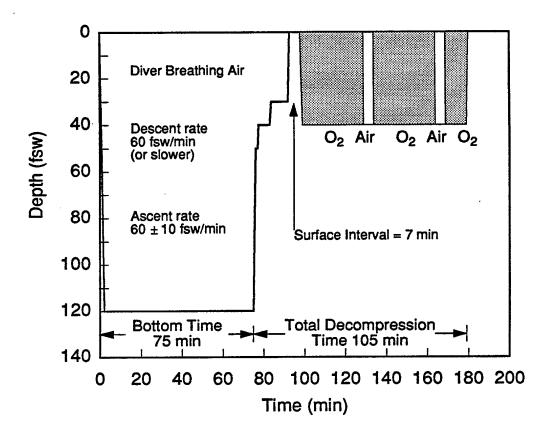


Figure 4. Surface Decompression Dive (Example 3)

Dive	120 fsw/75 min
Decompression schedule	120 fsw/75 min from Table 3
Decompression Stops	
50 fsw - 2 min 40 fsw - 6 min 30 fsw - 9 min	On air (includes travel time to stop) On air On air.
Surface	Time from leaving 30 fsw in-water to reaching 40 fsw in RCC is 7 min
40 fsw - 80 min	70 min O <sub>2</sub> + two 5-min air breaks
Repetitive Group	None - Exceptional exposure dive

Proceed horizontally across the table at the 120 fsw/75 min level to find the decompression stops and stop times. These are as follows:

2 min stop at 50 fsw

6 min stop at 40 fsw

9 min stop at 30 fsw

80 min stop at 40 fsw (70 min on  $O_2 + 2$  air breaks in RCC).

Repetitive diving can also be conducted using SurD  $O_2$ . Repetitive Groups are shown in Table 3 for dives within the Normal Air Diving Range. Note that these groups may be different from those of Tables 1 and 2.

### 6. REPETITIVE DIVING PROCEDURES (TABLES 4A AND 4B)

There is a quantity of residual nitrogen that remains in a diver's body after every air dive. This residual nitrogen will gradually reduce to a normal level over a period of approximately 18 hours. A diver planning to make a second dive within this period must consider this residual nitrogen level when planning for the second dive.

A Repetitive Group (RG) has been assigned to each dive in the Normal Air Diving Range in Tables 1, 1S, 2, 2S, and 3. The Repetitive Air Diving Tables have been developed to protect the diver from the effects of residual nitrogen. Table 4 consists of two parts, 4A and 4B, and permit repetitive diving only within the range of the Normal Air Diving Limit outlined in Figure 1. Repetitive diving has been validated using the Standard Air, In-Water O<sub>2</sub> and SurD O<sub>2</sub> decompression methods.

In Table 4A, Repetitive Factors (RF) are given for each RG letter from A to O at selected Surface intervals (SI) from 15 minutes to 18 hours. As the SI increases, the RF decreases until it becomes 1.0. A dive is considered a repetitive dive if it is conducted while the RF from the previous dive is greater than 1.0. For example, any dive within 18 hours after surfacing from a Group H or higher dive would be considered a repetitive dive.

The RF is used to calculate the **Effective Bottom Time** (EBT) for the repetitive dive. This EBT, determined by multiplying the actual bottom time of the repetitive dive by the RF, is the total of the actual bottom time and the time that must be considered to have been already spent at that depth because of the residual nitrogen remaining in the body from the previous dive. The EBT is then used to determine the decompression requirements for the repetitive dive.

In Table 4B, the Allowable No-Decompression (No-D) Limits for repetitive dives are shown for different depths as a function of the RF. These No-D limits are actual bottom times and not EBT's. (Note that the EBT's of these repetitive No-D limits are less than the No-D limits given in Tables 1, 1S, 2, 2S and 3, which are for first dives only.) With Table 4B, calculations are unnecessary if only no-decompression repetitive dives are planned. For any repetitive dive, this table should be consulted to determine whether the planned dive can be done as a no-decompression dive or whether decompression will be required.

Multiple dives can be performed using the RG of the EBT and the depth of the repetitive dive; however, it may be necessary to adjust this RG under certain conditions (see ADJUSTMENTS FOR MULTIPLE REPETITIVE DIVES).

The procedure for using the repetitive dive tables is as follows. (A worksheet for calculating the decompression requirements for repetitive dives is in Appendix C and a flow chart to aid in using this procedure is given in Figure 5.)

- a. Find the RG of the first dive (from Table 1, 1S, 2, 2S, or 3). Enter Table 4A.
- b. Proceed down the RG column to locate the matching RG letter from the first dive and then proceed horizontally along the same line to the appropriate Surface Interval (SI) column. Where the RG and SI intersect, note the Repetitive Factor (RF).

### REPETITIVE DIVING FLOWCHART

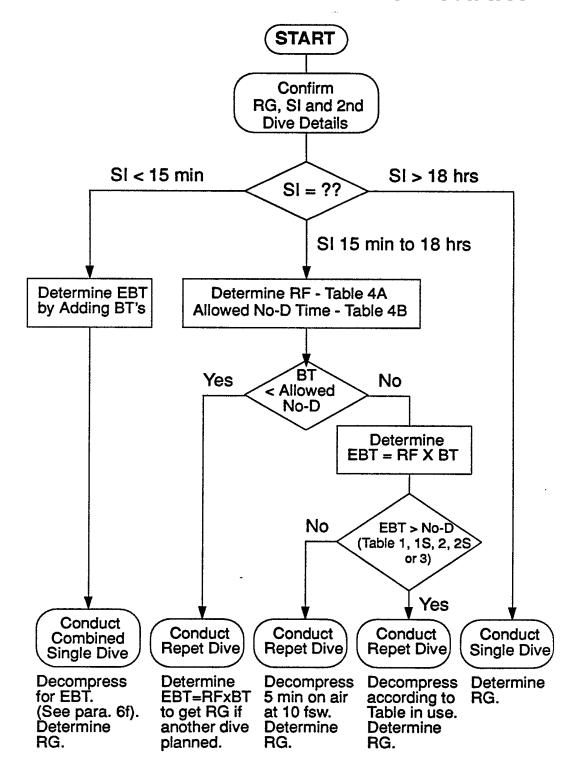


Figure 5. Repetitive Diving Flowchart

c. Enter Table 4B at the RF column and proceed downward in the column to the applicable depth of the planned repetitive dive. Where the RF and the depth intersect, note the Allowable No-D Limit for this repetitive dive. (Note that this is the actual bottom time and not the EBT.)

### d. FOR NO-DECOMPRESSION REPETITIVE DIVES.

- (1) If the actual bottom time of the second dive is less than or equal to the allowable No-D limit in Table 4B, the second dive is a No-D dive. (See Example 4 and sample Repetitive Diving Work Sheet, Figure 6.) (If a third dive is not intended within the next 18 hours, no further calculations are necessary.)
- (2) If another dive is planned if the actual bottom time of the second dive is less than the allowable No-D limit, multiply the actual bottom time by the RF to obtain the EBT for the second dive. Find the new RG from the EBT and depth of the second dive from the appropriate decompression table. This RG may need to be adjusted before a third dive can be conducted. Refer to the instructions ADJUSTMENTS FOR MULTIPLE REPETITIVE DIVES.

### Example 4:

First Dive = 60 fsw/30 min	RG = D (Table 1S)
Surface Interval = 1 hr	RF = 1.4 (Table 4A)
Second Dive Depth = 50 fsw	Repet. No-D limit is 45 min (Table 4B)
Actual bottom time = 30 min	EBT = 30 x 1.4 = 42 min RG = E (Table 1S)
A third dive is intended. Surface Interval = 1 hr 15 min	RF = 1.5 (Table 4A)
Third Dive Depth = 40 fsw	Repet. No-D limit is 115 min (Table 4B)

### REPETITIVE DIVING WORKSHEET (FEET)

FIRST DIVE:	
60 fsw/ 30 min Table Used	<u>1s</u>
1st Dive Repetitive GroupD	
SECOND_DIVE:	
SI $\frac{1}{1}$ hr $\frac{00}{1}$ min RF $\frac{1.4}{1}$ (Tab	ole 4A
Depth 50 fsw Table Used 1	S
Allowable No-D Limit (Table 4B) 45 min	
Planned Bottom Time (BT) <u>30</u> min	
EBT = (RF) $\frac{1.4}{\text{x}}$ x (BT) $\frac{30}{\text{e}}$ = $\frac{42}{\text{e}}$	
Decompression required: Yes No	X
DECOMPRESSION SCHEDULE: 50 fsw/(EBT) 50m	nin
fswmin	
fswmin	
fswmin O <sub>2</sub> Stop (if required	i)
fswminfsw	_min
2nd Dive Repetitive Group $\underline{\mathbb{E}}$ (from Table Used)	
2nd Dive Adjusted Repetitive Group	
NOTE: If the BT exceeds the allowable No-D Limit in TAble 4B, but the EBT is less than the No-D Limit in Table 1S, a 5 - minute decompress stop at 10 fsw is required.	

Figure 6. Repetitive Dive Worksheet for Example 4.

### (3) FINDING THE MINIMUM SI FOR A NO-D DIVE.

Enter Table 4B at the depth of the repetitive dive and proceed horizontally to the intended bottom time of the repetitive dive. Proceed upward in the column to find the RF. Enter Table 4A at the RG of the first dive and proceed horizontally to the appropriate RF. Proceed upward in the column to determine the minimum SI. (See Example 5.)

### Example 5:

First Dive = 80 fsw/25 min	RG = E (Table 1S)
Second Dive = 50 fsw/50 min	From Table 4B, 50 min bottom time at 50 fsw has RF = 1.3
Surface Interval	From Table 4A, for a first dive of RG = E, a SI of 2 hr is required.
If another dive is planned	EBT for the second dive is 50 x 1.3 = 65 min and the RG is G (Table 1S)

## e. FOR REPETITIVE DIVES REQUIRING DECOMPRESSION.

(1) If the actual bottom time of the repetitive dive is greater than the allowable No-D limit in Table 4B, the repetitive dive requires decompression. Multiply the actual bottom time of the repetitive dive by the RF to obtain the EBT. Use Table 1, 1S, 2, 2S, or 3 to determine the decompression schedule for the depth and EBT of the repetitive dive. (See Example 6.)

### Example 6:

First Dive = 110 fsw/15 min	RG = D
Surface Interval = 40 min	RF = 1.5 (Table 4A)
Second Dive = 110 fsw/10 min	Repet. No-D limit is 7 min (Table 4B), decompression is required EBT = 10 x 1.5 = 15 min
Decompression Schedule	110 fsw/15 min

(2) For repetitive bottom times exceeding the allowable No-D limits in Table 4B, but with EBT's less than the no-decompression limit in Table 1, 1S, 2, 2S, or 3, a 5-minute decompression stop at 10 fsw is mandatory. (The No-D limits in Tables 1, 1S, 2, 2S, or 3 are for first dives only. (See Example 7)).

### Example 7:

First Dive = 60 fsw/50 min	RG = F (Table 1S)
Surface Interval = 1 hr 45 min	RF = 1.5 (Table 4A)
Second Dive = 60 fsw/30 min	Repet. No-D limit is 27 min (Table 4B) Therefore, decompression is required
	EBT = 1.5 x 30 = 45 min which is in the No-D range of Table 1S.
Decompression required	5 min at 10 fsw (Table 1S)

### f. FOR SURFACE INTERVALS LESS THAN 15 MINUTES.

(1) If the first and second dives are at the same depth, add the bottom times of the first and second dives together to obtain the EBT for the second dive. (See Example 8.) If a third dive is planned, use this total time to determine the RG from Table 1 or 1S.

### Example 8:

First Dive = 60 fsw/30 min	RG = D, SI = 10 min
Second Dive = 60 fsw/25 min	EBT = 30 + 25 = 55 min
Decompression schedule	60 fsw/55 min, 5 min at 10 fsw
Repetitive Group	G

(2) If the first and second dives are to different depths, it is first necessary to determine the bottom time at the second dive depth that would be equivalent to the first dive. Find the RG from the first dive. Proceed to the

second dive depth and find the bottom time with the same RG. Add this bottom time to the intended bottom time of the second dive to obtain the EBT for the second dive (as in Example 8). (See Example 9.)

### Example 9:

First Dive = 120 fsw/10 min	RG = C (Table 1S)
Surface Interval	12 min
Second Dive Depth = 70 fsw	Group C dive at 70 fsw has a bottom time of 20 min
2nd Dive Bott. Time = 20 min	EBT = 20 + 20 = 40 min
Decompression required	70 fsw/40 min, 5 min at 10 fsw

g. The RF in Table 4A have been cut off - arbitrarily - at 2.0. It is felt that after a strenuous first dive, the SI should be sufficient in length to reduce the "residual" nitrogen level of the diver to that degree. If it is necessary to perform a repetitive dive before the RF reduces to 2.0, the same procedure described in "f" for surface intervals less than 15 min can be used.

### h. ADJUSTMENTS FOR MULTIPLE REPETITIVE DIVES

Repetitive dive tables, by their nature of having fixed limits, cannot take into account every possible diving situation. Repetitive Group adjustments may be required in some cases if more than one repetitive dive is planned. These adjustments are necessary to avoid problems on repetitive dives after the first repetitive dive.

For example, if a series of similar no-decompression repetitive dives are conducted (i.e., similar depth/bottom time/surface interval), it is possible to get locked into a loop resulting in the same RG and RF after each dive. Because decompression will eventually be required, it is necessary to adjust the RG to break out of this loop. Similarly, if a short duration dive follows a longer bottom time dive, the RG

calculated for the second dive will be too small and will not take into account the influence of the longer first dive. Thus the second dive RG must be adjusted upward.

The procedure is as follows:

If another dive is planned after a repetitive dive, calculate the RG that corresponds to the Depth and EBT of the just repetitive completed dive from the appropriate decompression table (Tables 1, 1S, 2, 2S, or 3).

(1) If the Surface Interval before the next repetitive dive is less than 6 hours, and the RG of the just completed repetitive dive is greater than the RG from the previous dive, NO adjustment is necessary.

However, if the RG is lower than or equal to the RG of the previous dive, ADJUST the RG of the just completed dive upward to equal the RG of the previous dive + one letter. (See Example 10).

### Example 10:

Previous dive (1st dive)	70 fsw/25 min, RG = D
Surface Interval = 15 min	RF = 1.8
Just completed dive (2nd dive)	70 fsw/8 min EBT = 8x1.8 = 14.4 min ⇒ RG = B
RG (just completed dive) less than RG (previous dive)	Adjust RG (just completed dive) from B to E (RG = D + 1 Letter)
SI to next dive = 1.5 hours	RF = 1.4 (from RG = E)
Note (for comparison): If the first SI is less than 15 min in this example, application of para. 6f gives EBT for the second dive as 25+8=33 min. Thus,	

RG = E for the second dive.

(2) If the Surface Interval to the next Repetitive Dive is more than 6 hours, NO adjustment is necessary.

### 7. MULTI-LEVEL DIVING

A multi-level dive is a dive during which the bottom time is spent at two or more depths given in the tables. These dives should be done with great care as the risk of decompression sickness may be higher in some cases than for dives to a fixed depth. The following rules are based solely on Table 1S (Short Standard Air Decompression) and should not be extended outside the limits of this table. They are based on the repetitive diving procedures for surface intervals less than 15 min. Limit the dive to 4 steps or less and plan to conduct the deepest part of the dive first and ascend to progressively shallower depths. In the rules, each successive stop depth is designated as Step 1, Step 2, Step 3,....

- a. From Table 1S, find the RG for the depth and bottom time of Step 1. Proceed to the depth of Step 2 and find the bottom time for that RG. Add this bottom time to the planned time at Step 2. The RG for this total time is the RG at the end of Step 2.
- b. Proceed to the depth of Step 3 and find the bottom time for the RG at the end of Step 2. Add this bottom time to the planned time at Step 3 to determine the RG at the end of Step 3. If another step is planned, repeat the procedure.
- c. For each successive step shallower than the one before, ascend at least 20 fsw (6 msw) to and between stops in the dive (for depths greater than 100 fsw (30 msw), ascend at least 30 fsw (9 msw)).
  - (1) for dives not requiring decompression after any level, finish the dive in SHALLOW water in a depth range between 10 and 20 fsw (3 and 6 msw) for at least 5 minutes. (See Example 11 and Figure 7.)
  - (2) if it is necessary to conduct a dive requiring decompression after any level, decompress for the maximum decompression attained (furthest right column attained in Table 1S). (See Example 12).

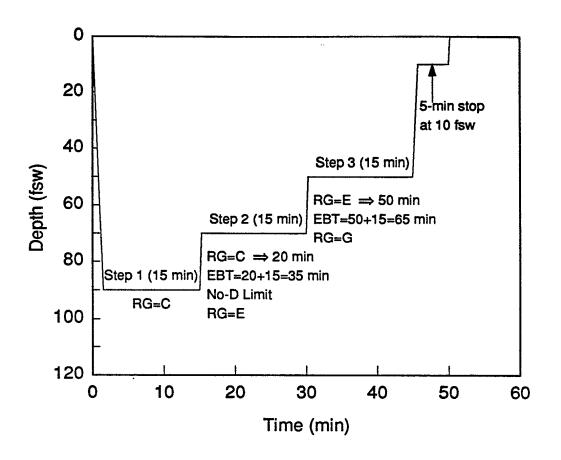


Figure 7. Multi-level Dive (Example 11)

Step 1	90 fsw/15 min	RG = C
Step 2	Depth at 70 fsw	$RG = C \Rightarrow 20$ min already spent at 70 fsw.
	Time at Step 2 = 15 min	EBT = 20 min + 15 min = 35 min ⇒ RG = E (No-D limit).
Step 3	Depth at 50 fsw	RG = E ⇒ 50 min already spent at 50 fsw
	Time at Step 3 = 15 min	EBT = 50 min + 15 min = 65 min ⇒ RG = G.
Finish dive with 5-min stop at 10 fsw.		

#### Example 12:

Step 1	120 fsw/15 min	RG = E (Decompression required)
	Depth at 50 fsw	$RG = E \Rightarrow 50$ min already spent at 50 fsw.
Step 2	Time at Step 2 = 15 min	EBT = 50 min + 15 min = 65 min ⇒ RG = G.
Decompression		10 min at 10 fsw (for Step 1)

d. If it is absolutely necessary to go deeper at any step than the one before, always finish the dive in shallow water in a depth range between 10 and 20 fsw (3 and 6 msw) for at least 5 minutes or for the maximum decompression attained as in c(2) above. (See Example 12A.)

#### Example 12A:

Step 1	70 fsw/15 min	RG = B
Step 2	120 fsw/6 min	EBT = 8 + 6 ⇒ 120 fsw/15 min RG = E (Decompression required)
Step 3	50 fsw/15 min	As in Example 12, same decompression.

e. Allow for a minimum surface interval of 1 hour after a multi-level dive before diving again. For a repetitive multi-level dive, multiply the actual bottom time of Step 1 by the RF to determine the effective bottom time and RG of the first step and use the procedure given above. The RG for Step 1 must be greater than or equal to the RG from the preceding dive. Before surfacing, spend at least 5 minutes at a depth between 10 and 20 fsw (3 and 6 msw) either as a final step in the dive or as a safety stop. These instructions apply only for each successive step shallower than the one before with the EBT at each step within the no-decompression limit. (See Example 13).

(Note: although the above multi-level procedure has not been extensively tested, it is considered safer than many other methods commonly practised.)

#### Example 13

1st Dive		RG = F, SI = 3:00, RF = 1.3	
2nd Dive	70 for //00 min	EBT = 26 min, RG = E	
Step 1	70 fsw/20 min	Raise RG = E to RG = F	
	Depth at 50 fsw	RG = F ⇒ 60 min at 50 fsw	
Step 2	for 10 min	EBT = 10 min + 60 min = 70 min RG = G	
	Depth at 20 fsw	RG = G ⇒ 240 min at 20 fsw	
Step 3	for 10 min	EBT =10 min +240 min =250 min RG = H.	

# 8. DEPTH CORRECTIONS FOR DIVING AT ALTITUDE (TABLE 5)

Table 5 provides tabulated depth corrections for determining decompression profiles and decompression stop depths when diving in elevated areas above sea level. These corrections are necessary because the surface pressure and the underwater absolute pressure are less at altitude. Of particular significance is that diving tables and decompression techniques are designed to return a diver safely to a sea level pressure and not to a lesser pressure as found at altitude. This reduced atmospheric pressure at the surface makes the dive at altitude equivalent to a deeper dive at sea level.

Table 5 has been developed to resolve these differences by providing depth corrections for selected altitudes from 300 feet (100 metres) to 10,000 feet (3000 metres). These depth corrections are added to the actual depth to determine the dive profile to be used for decompression purposes. In addition, Table 5 gives the actual stop depths to be used in place of the standard decompression stops. (Divers are cautioned that most commonly used depth gauges will not read "actual" water depth at altitudes. Shot lines are recommended.)

The procedure for using the Depth Corrections table is:

- a. establish the altitude of the dive site and determine the actual maximum water depth of the dive;
- find the correction for the actual depth according to the altitude from Table 5 and add this correction to the actual depth to obtain the Effective Depth (ED);
- c. determine the decompression schedule from the appropriate decompression table by applying the Effective Depth and the actual planned bottom time;
- d. replace the stop depths from the normal decompression table with the actual stop depths shown at the bottom of Table 5 (the stop times are not changed); and
- e. decompress on this altitude schedule in accordance with normal procedures using the regular travel rates. (Above 5000 feet (1500 metres), reduce the ascent rate to 50 ft/min (15 m/min).)

A worksheet to assist in the calculation of the decompression requirements for diving at altitude is given in Appendix C. (See Example 14 and sample worksheet, Figure 7)

## Example 14

Altitude of dive site	7200 ft
Dive = 100 ft/23 min Decompression by Standard Air.	Depth by shot line.
Depth Correction for 7200 ft	+30 fsw (from Table 5)
Effective Depth	100 + 30 = 130 fsw.
Decompression schedule from Table 1 for 130 fsw/25 min 30 fsw - 5 min stop 20 fsw - 7 min stop 10 fsw - 12 min stop	Actual decompression schedule, corrected for stop depths 24 fsw - 5 min stop 16 fsw - 7 min stop 8 fsw - 12 min stop
Repetitive Group	Н

The corrections for altitude shown in Table 5 only apply for divers who have been acclimatized at that altitude, i.e., for those who have spent at least 12 to 24 hr at the altitude of the dive site. Corrections to the depth would be greater for those who have not been acclimatized.

If diving at altitude is conducted within 24 hours of arriving at the altitude of the dive site, apply an additional 10 feet (3 metres) to the actual maximum depth of the dive used in Table 5. After 24 hours, this additional correction is not required. (See Example 15.)

#### Example 15

Altitude of dive site	7200 ft (Same as Example 14 for unacclimatized diver)
Dive = 100 ft/23 min Decompression by Standard Air.	Depth by shot line. Apply correction 100 + 10 = 110 fsw
Depth Correction for 7200 ft	+ 40 fsw (from Table 5)
Effective Depth	100 + 10 + 30 = 150 fsw.
Decompression schedule from Table 1 for 130 fsw/25 min 40 fsw - 4 min stop 30 fsw - 6 min stop 20 fsw - 8 min stop 10 fsw - 25 min stop	Actual decompression schedule, corrected for stop depths 31 fsw - 4 min stop 24 fsw - 6 min stop 16 fsw - 8 min stop 8 fsw -25 min stop
Repetitive Group	J

(Note: the depth corrections presented here have not been experimentally validated by DCIEM. Unlike other similar corrections which have been published [9] for recreational diving, these depth corrections have been derived by recalculating the decompression tables at the different altitudes. They should not be used with any other published tables.)

# ALTITUDE DIVING WORKSHEET (FEET)

ALTITUDE OF DIVE SITE	<u> </u>	7200	ft
ACTUAL DEPTH OF DIVE	(a)	100	fsw
DIVE DEPTH CORRECTION	(b) +	30	_fsw
EFFECTIVE DEPTH (ED)	(a+b)	130	_fsw
BOTTOM TIME (BT)		23	_min
Schedule Required (ED/BT)	130 <sub>fsw/_</sub>	25	_min
Table Used1			

# ALTITUDE DECOMPRESSION SCHEDULE

Sea Level Stop Depth	Actual Stop Dept	h	Sto	p Tir	ne
50 fsw		fsw			_ min
40 fsw		fsw	<u> </u>		_ min
30 fsw	24_	fsw	<del></del>	5	_ min
20 fsw	16	fsw		7	_ min
10 fsw	8	fsw	1	2	_ min
O <sub>2</sub> Stop		fsw	<del></del>		_ min
Repetitive G	roup <u>H</u>				

Figure 8. Altitide Diving Worksheet for Example 13.

# SECTION 3 GENERAL PROCEDURES

#### 1. DESCENT/ASCENT RATES

- a. DESCENT RATE is 60 fsw/min (18 msw/min) or slower.
- b. ASCENT RATE and TRAVEL between stops is  $60 \pm 10$  fsw/min (18  $\pm$  3 msw/min).
- c. **ASCENT TIME** to a stop is included in that stop time except for O<sub>2</sub> stops. O<sub>2</sub> stop time starts when the diver is confirmed on O<sub>2</sub>; otherwise, the actual time spent at a stop equals "tabulated" stop time minus travel time to that stop at 60 fsw/min (18 msw/min). (See Example 16.)

#### Example 16:

Dive = 140 fsw/15 min	Standard Air Decompression
First stop from Table 1	6 min at 20 fsw.
Travel time to first stop	2 min at 60 fsw/min
Actual time at 20 fsw stop	4 min

#### 2. VARIATIONS IN RATE OF ASCENT

#### a. ASCENT RATE TOO SLOW:

(Less than 50 fsw/min (15 msw/min))

- Delay starts deeper than half maximum depth of dive -DELAY ADDED to BOTTOM TIME and decompress in accordance with new bottom time;
- (2) Delay starts shallower than half maximum depth of dive DELAY ADDED to STOP TIME of next stop. If

no stop is scheduled, then stop at 10 fsw (3 msw) for the time of the delay.

(Note: When a delay has occurred, apply the appropriate correction in accordance with para. (1) or (2). The revised stop time includes the ascent time to the next stop from the depth where the delay occurred; therefore no additional calculation is required for ascent time.)

#### b. ASCENT RATE TO FIRST STOP TOO FAST:

No correction required (time at stop includes travel time to the stop).

c. ASCENT RATE TOO FAST (no stops required):

Observe diver for at least one hour.

#### 3. OXYGEN RELATED PROBLEMS

# a. OXYGEN PROBLEMS IN WATER at 30 fsw (9 msw) O<sub>2</sub> stop:

# (1) MINOR SYMPTOMS of O<sub>2</sub> toxicity

- (a) switch diver to air and ventilate, wait for symptoms to subside, then wait 15 minutes, and recommence O<sub>2</sub> at point of interruption or if symptoms recur, switch to Standard Air Decompression Table; OR
- (b) switch diver to air and ventilate, continue decompression in accordance with Standard Air Decompression Table. The O<sub>2</sub> time is "good" time for decompression purposes and is subtracted from the 30 fsw and/or 20 fsw and/or 10 fsw (9 msw and/or 6 msw and/or 3 msw) air stop times (see Example 17); OR

(c) if RCC immediately available, then on completion of the 30 fsw (9 msw) air stop, SurD O<sub>2</sub> may be performed.

#### Example 17:

Dive = 112 fsw/42 min	In-Water O <sub>2</sub> . Table 2					
120 fsw/45 min calls for	40 fsw - 3 min stop 30 fsw - 34 min stop on O <sub>2</sub>					
Situation	Situation					
After 9 min on O <sub>2</sub> , diver	reports possible O <sub>2</sub> toxicity symptoms.					
Reaction						
The Standard Air table for 120 fsw/45 min is 40 fsw - 3 min 30 fsw - 7 min	The diver is switched to air immediately and ventilated. The 9 min spent on $O_2$ is "good" time. The 40 fsw stop, 30 fsw stop, and 2 min of the 20 fsw stop have been satisfied.					
20 fsw - 9 min 10 fsw - 41 min	Pull diver to 20 fsw. Complete decompression on air at 20 fsw for 7 min 10 fsw for 41 min.					

# (2) SERIOUS, INCAPACITATING SYMPTOMS of CNS OXYGEN TOXICITY:

- (a) take diver off O<sub>2</sub>, ventilate, STABILIZE;<sup>3</sup> and
- (b) surface diver carefully to reduce risk of embolism. Treat for possible embolism if any uncertainty exists. Otherwise, treat for omitted decompression and observe carefully.

## (3) LOSS OF OXYGEN

- (a) switch to air,
- (b) re-establish O<sub>2</sub> and resume O<sub>2</sub> at the point of interruption; OR, if not successful,

<sup>3.</sup> Diver is not be brought to surface while convulsing.

(c) decompress in accordance with Standard Air Decompression Table as per para. 3a(1)(b), or if O<sub>2</sub> available to RCC, SurD O<sub>2</sub> as per para. 3a(1)(c).

## b. OXYGEN PROBLEMS IN RCC (SurD O<sub>2</sub>):

### (1)LOSS of O<sub>2</sub>:

(a) no success in re-establishing O<sub>2</sub>, decompress in accordance with Standard Air Decompression Table commencing at the 40 fsw (12 msw) stop. Previous O<sub>2</sub> time is "good" time and is subtracted from 40 fsw (12 msw) and/or 30 fsw (9 msw) and/or 20 fsw (6 msw) and/or 10 fsw (3 msw) stop. (See Example 18.)

#### Example 18:

Dive = 140 fsw/30 min, SurD O <sub>2</sub>	Table 3 calls for 30 min O <sub>2</sub> in RCC
Situation	<u> </u>
After 24 min on O <sub>2</sub> in RCC at 40	fsw, O <sub>2</sub> is lost.
Reaction The Standard Air table for 140 fsw/30 min is 40 fsw - 4 min stop 30 fsw - 6 min stop 20 fsw - 9 min stop 10 fsw - 29 min stop	The 24 min spent on O <sub>2</sub> satisfies the 40, 30 and 20 fsw stops and 5 min of the 10 fsw stop. Therefore, ascend to 10 fsw. Complete decompression by remaining at 10 fsw for 24 min on air.

# (2) MINOR SYMPTOMS of Oxygen toxicity:

- (a) take diver off O<sub>2</sub>;
- (b) after symptoms are gone, either:
  - (1) leave diver on air for additional 15 minutes and then resume O<sub>2</sub> from time of interruption; or,

- (2) switch diver to Standard Air table as in b(1)(a) above, and complete decompression on air.
- (c) if O<sub>2</sub> breathing is resumed and O<sub>2</sub> symptoms recur, switch diver to Standard Air table as in b(1)(a) above, and complete decompression on air. (See Example 19.)

#### Example 19:

#### Situation

After 11 min on O<sub>2</sub> in the RCC, the diver develops an O<sub>2</sub> symptom.

#### Reaction

Take the diver off  $O_2$ . Wait until the diver has stabilized plus 15 min, then resume  $O_2$  breathing. For example, if the diver took 4 min to stabilize, then the 40 fsw RCC stop would be 99 min, i.e.,

11 + 4(stabilize) + 15(wait) + 19 + 5(air break) + 30 + 5 (air break) + 10 (remainder).

Therefore, complete the decompression in accordance with this schedule and then bring the diver to the surface on the breathing medium in use.

# (3) SERIOUS, INCAPACITATING SYMPTOMS of CNS OXYGEN TOXICITY:

- (a) take diver off O2, STABILIZE4; and
- (b) switch to Standard Air table as in b(1)(a) above, and complete decompression on air.
- 4. OMITTED DECOMPRESSION (Diver shows no symptoms),
  - a. RCC immediately available (less than 7 minutes):
    - if the 30 fsw (9 msw) or deeper stops were not completed - TREAT

<sup>4.</sup> RCC depth is not to be altered while diver is convulsing.

- (a) using Treatment Table 5 (Canadian Forces Diving Manual [10]/US Navy Diving Manual [6]) if less than 30 minutes omitted decompression, or,
- (b) using Treatment Table 6 if greater than or equal to 30 minutes omitted decompression;
- (2) if the 30 fsw (9 msw) Standard Air stop<sup>5</sup> was completed with no previous decompression omitted, recompress the diver in the chamber on O<sub>2</sub> to 40 fsw (12 msw) and decompress according to Table 3 (SurD O<sub>2</sub>) (see Example 20).

#### Example 20:

Dive = 130 fsw/40 min	Standard Air Table 1 calls for	
	40 fsw - 5 min stop, 30 fsw - 6 min stop, 20 fsw - 10 min stop, and 10 fsw - 40 min stop.	

#### Situation

Diver surfaces after completing the 40 fsw stop, the 30 fsw stop and 3 min of the 20 fsw stop. Diver is asymptomatic and RCC is available.

#### Reaction

Since the diver has completed the 30 fsw stop, dive on  $O_2$  in RCC to 40 fsw. Keep diver on  $O_2$  for 36 min (Table 3).

Add a 5-min air break after 30 min on O<sub>2</sub> for a total decompression time of 41 min in the RCC.

# b. RCC not immediately available:

The preferred action is to get the diver to a RCC for treatment. The diver should receive 100% O<sub>2</sub> by double-seal

<sup>5.</sup> For Table 3 (SurD  $O_2$ ): on any profile in which there is no 30 fsw (9 msw) in-water stop, the diver cannot incur omitted decompression provided that the Surface Interval - SurD  $O_2$  is completed within the 7 minutes allowed. If 7 minutes are exceeded, then handle as per subpara. 4a(1).

oronasal mask enroute to the RCC. However, the supervisor has the following option if the situation warrants it:

 return the diver to the next deeper stop where the omission occurred and repeat this stop. Continue decompression in accordance with the original schedule (Example 21); or

#### Example 21:

Dive = 130 fsw/40 min	Standard Air Table 1 calls for	
	40 fsw - 5 min stop,	
	30 fsw - 6 min stop,	
	20 fsw - 10 min stop, and	
	10 fsw - 40 min stop.	

#### Situation

Diver surfaces after completing the 40 fsw stop, the 30 fsw stop and 3 min of the 20 fsw stop. Diver is asymptomatic and RCC is not available.

#### Reaction

Recompress immediately to 30 fsw for 6 min and resume schedule beginning with the 20 fsw stop.

(2) if no deeper stop was called for, spend the time of the first stop at the next deeper stop and complete the total schedule (Example 22).

#### Example 22:

Dive = 130 fsw/40 min	Same as Example 21
Situation	
	op, diver loses control and surfaces (blowatic and RCC is not available.
Reaction Recompress immediate total schedule.	ely to 50 fsw for 5 min and then complete

# 5. VIOLATION OF 7 MINUTE SURFACE INTERVAL (SurD O<sub>2</sub>) (Diver shows no symptoms.)

- a. Use Treatment Table 5 (Canadian Forces Diving Manual/ US Navy Diving Manual) if less than 30 minutes omitted decompression, or,
- b. Use Treatment Table 6 if greater than or equal to 30 minutes omitted decompression.

#### 6. FLYING AFTER DIVING

- a. After a No-Decompression dive, allow enough Surface Interval time to elapse for the RF to diminish to 1.0 before flying.
- b. After a Decompression dive, a minimum of 24 hours is required before flying.

# 7. DECOMPRESSION STRESS DURING SURFACE INTERVAL (SurD O<sub>2</sub>)

During the Surface Interval (SI) of a SurD  $O_2$  dive, the required decompression has been intentionally violated in order to take the diver out of the water and complete the decompression in a recompression chamber. At the completion of the SI, the diver is repressurized in the chamber to a depth of 40 fsw (12 msw), deeper than called for by the decompression model. The diver is given additional decompression during the chamber phase of the SurD  $O_2$  profile to compensate for the increased stress of the SI.

During the SI, the diver is exposed to a higher level of decompression stress than would be encountered if in-water decompression only had been executed. Therefore, the diver may experience signs and/or symptoms of decompression stress. Manned validation has indicated that when symptoms do occur during the SI, they are almost always very mild and late into the SI. In addition,

the symptoms usually completely resolve during the press to 40 fsw (12 msw) in the chamber. Experimental dives have demonstrated that the divers who experienced SI symptoms had the same incidence of DCS after the completion of the dive as those divers who did not experience signs or symptoms during the SI.

Therefore, during SurD  $O_2$  diving, when all signs and symptoms of SI stress have completely resolved by the time the diver is confirmed on oxygen at 40 fsw (12 msw), the decompression profile is to be completed as planned.

When the signs and symptoms of SI stress have not completely resolved by the time the diver is confirmed on oxygen at 40 fsw (12 msw), it should be treated as decompression sickness. The diver must be immediately pressed to 60 fsw, a Treatment Table 6 initiated, and the Diving Medical Officer contacted.

#### **ACKNOWLEDGEMENTS**

Many individuals and groups contributed to the development, evaluation, and production of these tables and procedures. These include the medical, technical and operational staff of the Experimental Diving Unit at DCIEM, both civilian and military, and other technical support staff from other sections of DCIEM. Other individuals from outside of DCIEM also provided input, including Canadian Forces divers from the Fleet Diving Units who reviewed the procedures. Particular thanks go to the dive subjects from DCIEM, the Canadian Forces, US Navy, Royal Navy, French Navy, Seneca College, and the Canadian Underwater Training Centre who participated in the dive trials and the Doppler technicians who spent many hours listening to bubbles.

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# **APPENDIX A**

# DCIEM AIR DIVING TABLES (FEET)

# TABLE 1

# STANDARD AIR DECOMPRESSION (FEET)

The Department of National Defence (Canada), Defence and Civil Institute of Environmental Medicine (DCIEM), and Universal Dive Techtronics, Inc. (UDT) disclaim any and all responsibilities for the use of these tables and procedures.

© 1992 Her Majesty the Queen in Right of Canada

TABLE 1: STANDARD AIR DECOMPRESSION (FEET)

Depth	Bottom	Sto	p Tim	es (mi	n) at [	Differe	nt Dep	oths (f	sw)	Decom.	Repet.
(fsw)	Time (min)	80	70	60	50	40	30	20	10	Time (min)	Group
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	60	-	-	-	-	-	-	-	-	1	В
	90	-	•	•	-	-	•		•	1	С
	120	-	•	-	-	-	•	-	-	1	D
	150	-	•	•	-	-	•	-	•	1	E
·	180	-	•	•	-	-	•	•		1	F
20	240	-	-	•	-	-	•	•	•	1	G
	300		-	-	-	-	-	•	-	1	Н
	360	•	•	9	•	-	•			1	1
	420	-	1			-	٠	•	•	1	J
	480	-	•	-	-	-	•		-	1	K
	600	-	-	•	•	-	-	•	-	1	L
	720	-	-	-	-	-	-	-	-	1	М
	30	-	-	-	-	-	-	-	-	1	Α
	60	-	-	-	-	-	-	-	-	1	С
	90	-	-	•	-	4	-	-	-	1	D
	120	-	-	-	-	-	-	-	-	1	F
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	180	1	ı	•	•	-	ı	ı	-	1	Н
·	210	•	•	1	1	•	•	•	•	1	J
	240	•	•	•	-	•	1	•	•	1	K
30	270	•	-	-	•	-	-	-	ı	1	L
	300	-	-	-	-	-	-	-	-	1	М
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	90	-	-	-	-	-	-	-	-	1	G
	120	-	-	-	-	•	-	-	-	1	H
	150	-	-	•	•	•		-	-	1	J
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	50	-	-	•	•	1	1	1	10	10	G
	60	-	-	•	-	1	•	2	11	13	Н
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## **AIR DIVING TABLES**

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Depth	Bottom	Sto	p Tim	es (mi	n) at [	Differe	nt De	oths (f	sw)	Decom.	Repet.
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	80	-		•	6	7	15	44	125	197	
	85		•		6	7	18	49	135	215	
,	90	] 			7	7	22	54	144	<b>234</b>	
	7	-	-	-	-	-	-	-	-	2	В
	10	-	-	-	-	-	-	-	7	7	D
	15	-	-	-	-	-	-	6	9	15	F
	20	-	-	-	-	-	4	7	11	22	G
	25	-	-	-	-	-	7	8	19	34	I
į	30	-	-	-	-	4	6	9	29	48	K
	35	-	-	-	-	6	6	10	39	61	L
	40	-	-	-	-	7	7	10	49	73	N
440	45	-	-	-	3	6	7	17	56	89	0
140	50			10.1.1 <u>26.</u>	4	6	8	22	65	105	
	55	•			5	6	9	27	78	125	
	60	-			6	6	9	33	91	145	
	65	•	-	¥8	7	6	11	38	106	168	
	70		- 2	2	. 5	7	15	42	120	191	
	75	3.09.0000 3.09.000 3.000		3	5	8	18	47	133	214	
	80	•		3	6	8	21	54	143	235	
1	85		· •	4	6	8	25	61	151	255	
	90			4	6	8	30	68	157	273	
L		Photogram.	mongaja i			1	,	1 00			The second secon

#### AIR DIVING TABLES

TABLE 1: STANDARD AIR DECOMPRESSION (FEET)

Depth	Bottom										Repet.
(fsw)	Time (min)	80	70	60	50	40	30	20	10	Time (min)	Group
	6	-	-	-	-	-	-	-	-	3	В
	10	-	-	-	-	-	-	-	9	9	D
	15	•	-	-	-	-	-	8	10	18	F
	20	1	•	-	-	-	6	8	11	25	Н
	25	•	-	-	-	4	6	8	25	43	J
	30	-	•	-	-	6	7	9	35	57	K
	35	8	ı	-	3	5	7	10	46	71	М
150	40	•	-	-	4	6	8	16	54	88	0
130	45				6	6	8	22	65	107	grade at
	50	1			7	6	9	28	78	128	
	55			3	- 5	6	10	34	94	152	graph of the
	60	-		4	5	7	13	39	110	178	2013 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	65	-		4	6	7	17	44	125	203	
	70			5	6	7	21	50	139	228	
	75		, m=35	- 6	-5	8	25	58	148	250	
	80	4	78. 🕳 🗅	6	- 6	8	29	67	155	271	444
	6	•	-	-	-	-	-	-	-	3	В
	10	1	-	-	-	-	-	3	9	12	D
	15	1	•	-	-	-	4	7	10	21	G
	20	•	•	•	-	3	5	8	16	32	Н
	25	•	·	-	-	6	6	9	30	51	K
	30	•		-	4	5	6	10	42	67	М
160	35	-	-	-	5	6	7	14	52	84	N
100	40			<del></del> .	7.	6	8	21	62	104	And the Bight
	45		194	3	5	6	9	28	76	127	Jakal Balom
	50		er s <del>e</del> ri	4	5	7	9	35	93	153	janjawah r
	55	Applied to	- <u> </u>	- 5	6	7	14	39	112	183	
	60			6	6	<b>7</b>	18	45	129	211	
	65		3	4	6	- 8	22	53	142	238	Paulst Albert Hes
	70	, 90 <b></b> 398	3	5	6	8	27	62	152	263	

TABLE 1: STANDARD AIR DECOMPRESSION (FEET)

Depth	Bottom	Sto	p Tim	es (mi	sw)	Decom.	Repet.				
(fsw)	Time (min)	80	70	60	50	40	30	20	10	Time (min)	Group
	5	•	•	-	-	•	-	-	-	3	В
	10	-	-	-	•	•	-	5	9	14	D
	15	-	•	-	-	-	6	7	10	23	G
	20	•	ı	-	-	5	6	8	22	41	ı
	25	•	1	-	3	5	6	10	35	59	K
	30	-	1	-	6	5	7	11	48	77	М
170	35	-	-	3	4	6	8	19	58	98	0
170	40	•	-	4	<b>5</b>	6	- 9	26	72	122	
	45		•	-6	5	6	10	34	91	152	
	50		3	- 4	- 5	7	14	39	111	183	
	- 55		3	- 5	5	8	19	45	129	*214	
	60		4	5	6	-8	23	54	144	244	
	65	-	5	5	6	-8	29	64	154	271	
	70		5	5	<b>7</b> .	12	31	76	160	296	
	5	-	-	-	-	-	-	-	-	3	В
	10	-	-	-	-	-	•	7	9	16	E
	15	-	-	-	-	-	8	7	11	26	Н
	20	-	-	-	-	7	6	8	27	48	J
	25	-	-	-	5	5	7	10	40	67	М
180	30	•	-	3	5	5	8	15	53	89	0
100	35			5	<b>5</b>	6	8	24	66	114	
	40	•	3	<b>4</b>	5	- 6	9	32	85	144	
	45		4	-4	<b>5</b>	7	14	38	107	179	
	50	Û	5	4	ୃ 6	7.	19	45	127	213	
	55		5	5	6	- 8	24	53	144	245	
	60	3	ે 3	5	7	9	29	65	155	276	

TABLE 1: STANDARD AIR DECOMPRESSION (FEET)

Depth	Bottom		Stop Times (min) at Different Depths (fsw)									
(fsw)	Time (min)	100	90	80	70	60	50	40	30	20	10	Time (min)
,	- 5		-148 <del>-1</del> 48		- 23 <u>11</u> (4)	÷	( <b>+</b> )	-	-	(# <b>.</b>	***	3 ×
	10	-		-	•	-				8	10	18
	15		1000	igipi⇔ni	-			4	5	8	13	30
	20		4 34 15 <b>2</b> 49 49 3 3 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1		. S. 👙		4	5	6	9	31	- 55
	25					3	4	5	7	11	46	76
190	30			-	-	5	5	5	8	20	58	101
	35				3	4	5	6	9	29	76	132
	40				-5	4	5	7	12	36	100	169
1	45				6	4	6	7	18	43	123	207
	50	- 1 <u>- 1</u>	4 <b>4</b>	3	4	4	6	8	24	52	141	<b>242</b>
	55	1		4	4	5	6	10	·28	65	154	276
	- 5	*		-							4	4
	10		iligen <del>, e</del> us)	4 4 <b>4</b> 7		::::		# <b>L</b>	- 4	6	10	20
	ા5	•	•	<b>∛</b> *•••	1		•	6	<b>5</b>	8	18	37
	20			**		<b>-</b>	6	4	7	9	36	62
200	25					5	4	5	- 8	14	51	87
200	30		***		3	4	- 5	6	8	24	67	117
	35	- 1	agaj.		5	4	5	7	9	34	89	153
	40	-	- }} <u>-</u> k	<b>3</b>	. 3	- 5	5	8	16	40	115	195
	45	:		4	4	4	6	8	22	49	137	234
	. 50	19 A		5	4	- 5	6	10	- 27	62	153	272
	5	i ng <del>a</del> ng	180 <del>-</del> 100			( ÷ •	20 <del>5</del> 3	÷.		spiss <del>a</del> lti	6	6
	10			) <del>-</del> -		-		÷	5	· 7	10	<b>22</b>
	15.c.	**************************************			*		* · ·	7	6	. 8	22	43
210	20		1 1 1 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			4	3	5	7	10	40	69
	25		100			6	5	5	8	18	55	97
	30				5	4	5	6	9	29	76	134
	35	-23-3		3	4	4	5	7	14	36	103	: 176
	40			5	3	5	6	8	19	46	130	222
	45			6	4	- 4	7	8	27	57	149	262
	50		. 3	4	4	5	7	13	31	74	160	301

TABLE 1: STANDARD AIR DECOMPRESSION (FEET)

Depth	Bottom	Stop Times (min) at Different Depths (fsw)										Decom.
(fsw)	Time (min)	100	90	80	70	60	50	40	30	20	10	Time (min)
	5		2			_		-			7	7
İ	10		•	•		•	•	•	7	7	10	24
	15	_	•	•	<b>.</b>	-	5	4	6	8	27	50
1	20	•	•	•	•	5	4	<b>5</b>	7	10	46	77
220	<b>25</b>	•	-	-	4	4	4	6	9	22	61	110
	30	7	•	3	4	4	5	7	9	33	87	152
	35	•		- 5	3	5	5	8	17	40	117	200
	40	•	3	3	- 4	5	6	8	24	52	142	247
	45	;	4	ଃ -	4	6	ି6	12	29	68	157	289
	5	J						•		Ç.	8	8
	10	100					-	•	8	7	11	26
	15	1	•	÷	-		6	4	7	9	30	56
230	20	T	•			6	4	6	7	14	48	<b>85</b>
200	25				6	4	4	7	8	26	69	124
	30	3	•	5	ુ3	4	6	7	12	36	100	173
	35	-	4	3	3	5	6	8	20	46	131	226
	40		5	3	4	5	6	10	27	61	151	272
	-5	100				) (grade) V (sep 180)	(JSG <b>⇔</b> ged				- 9	9
	10			: * <u>-</u>	-	-		5	5	7	.11	28
	15	·	-	•		-	7	5	6	9	34	61
240	20				5	. 3	4	6	8	17	53	96
	25	¥\$ <b>=</b>		4	3	4	5	7	9	29	78	139
	30		4	. 2	4	4	6	7	16	39	113	195
	35		5	3	4	5	6	8	24	52	142	249
	40	4	2	- 4	4	5	7	13	30	71	159	299

# TABLE 1S

# SHORT STANDARD AIR DECOMPRESSION (FEET)

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TABLE 1S: SHORT STANDARD AIR DECOMPRESSION (FEET)

Depth (fsw)		o-Decom ottom Til				mpressi ottom Ti		
20	30 A 60 B 90 C 120 D	150 E 180 F 240 G 300 H	360 I 420 J 480 K 600 L	720 M ∞				
30	30 A 45 B 60 C 90 D	100 E 120 F 150 G 180 H	190 I 210 J 240 K 270 L	300 M	330 N 360 O	400	420	450
40	22 A 30 B 40 C	60 D 70 E 80 F	90 G 120 H 130 I	150 J	160 K 170 L	180 M 190	200	215
50	18 A 25 B	30 C 40 D	50 E 60 F	75 G	85 H 95 I	105 J 115 K	124 L	132 M
60	14 A 20 B	25 C 30 D	40 E	50 F	60 G	70 H 80 I	85 J	92 K
Decom in minu	pressior tes at	n Time	10	fsw	5	10	15	20
70	12 A 15 B	20 C	25 D	35 E	40 F	50 G	63 I	66 J
80	10 A 13 B	15 C	20 D	25 E	29 F	35 G	48 H	52 I
90	9 A	12 B	15 C	20 D	23 E	27 F	35 G	43 I
100	7 A	10 B	12 C	15 D	18 D	21 E	29 G	36 H
110		6 A	10 B	12 C	15 D	18 E	22 F	30 H
120		6 A	8 B	10 C	12 D	15 E	19 F	25 G
130			5 A	8 B	10 C	13 D	16 F	21 G
140			5 A	7 B	9 C	11 D	14 F	18 G
150			4 A	6 B	8 C	10 D	12 E	15 F
	Decompression Time		20	fsw	-	-	5	10
in minu	n minutes at		10	fsw	5	10	10	10

# TABLE 2

# IN-WATER OXYGEN DECOMPRESSION (FEET)

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TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

Do-mits	Bottom	Stop	Times (r	min) at [	Different	Depths	(fsw)	Decom.	
Depth (fsw)	Time			Air			02	Time	Repet. Group
(,	(min)	80	70	60	50	40	30	(min)	G.OOP
T.	75	-	-	-	-	-	•	1	G
	115		-	-	-	-	5	6	J
	130	-	•	•	ŧ	-	12	13	j
	140	-	-	•	4	•	15	16	K
	160		•			÷	20	21	
50	180		•	•	•	•	24	25	
	200		•	•		•	28	29	
	220				•	2	32	33	
	240		•		÷	÷	36	37	
	260		-	*		****	39	40	A PROPERTY OF THE PROPERTY OF
	280		# L		er, era		43	44	in flywriae gellini
	50	•	-	-	-	-	-	1	F
	75	-	•	-	-		5	6	Н
	90	-	•	-	-	-	12	13	J
	100	-	•	-	-	-	16	17	J
	110	-	-	-	-	-	20	21	K
60	120	-	•	-	-	-	23	24	K
	140		40 K			· · ·	29	30	\$#E
	160	488 <b>-</b> 9			•		35	36	Application of the control of the co
	180				•	200	40	- 41 mg	Olympia (19
	200				•	-	45	46	diana
	220	· · · · · · · · · · · · · · · · · · ·					50	51	JBB 984 million Parasian y prima
	240	THE SECTION OF THE SE					55	56	astructura Africa (1)
O <sub>2</sub> stop ti	mes do no	t includ	e ascen	t time to	30 fsw				

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop 7	Times (r	nin) at E	Different	Depths	(fsw)	Decom.	
Depth (fsw)	Time		· · · · · · · · · · · · · · · · · · ·	Air			02	Time	Repet. Group
(1544)	(min)	80	70	60	50	40	30	(min)	Сіоср
	35	•	-	-	•	-	•	1	E
	50	-	-	-	-	-	6	8	G
	70	-	•		-	-	14	16	
	80	-	-	•	•	*	19	21	J
	90	-	-	•	-	-	24	26	K
	100	-	-	•	•	-	28	30	K
	110	-	-	-	-		32	34	
70	120	-	J	•	•	J	35	37	
'	130	•			•		39	41	
	140	÷	•	•	•	•	42	44	
	150	_	•	•	•	•	45	47	
	160	-	<u> </u>	-	1	-	49	51	
	170		**************************************	***	•		52	<b>54</b>	
	180	-	-	-	•	-	56	×58	
1	190		-	-		· •	59	61	
	200	: i		- 10 A		•	62	64	
	25	-	-	-	-	-	-	2	Ε
	30	-	-	-	-	-	5	7	F
}	50	-	-	-	-	-	9	11	Н
	55	-	-	-	-	-	14	16	Н
	60	-	-	-	-	-	18	20	
	70	-	-	-	-	-	24	26	J
	80	-	-	-	•	-	29	31	К
80	90			•	***** <b>-</b> ***	1000 <del>0</del>	34	36	
	100	-					38	40	
	110	1000	-	-			42	44	
	120						47	49	Night in the
	130				37 320 <b>2</b> 4 500		51	53	
I	140				-	•	55	57	
ł	150			•	¥		60	62	
•	160	-		-	***** <b>=</b>	•	64	66	
O <sub>2</sub> stop	times do no		e ascer	t time to	1 15 1 150	1			
- 2 - 1.5 %							• • • • • • • • • • • • • • • • • • • •		

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop	limes (r	nin) at E	Different	Depths	(fsw)	Decom.	Danas
Depth (fsw)	Time			Air	-		O <sub>2</sub>	Time	Repet. Group
(1517)	(min)	80	70	60	50	40	30	(min)	GIOOP
	20	-	-	-	-	-	•	2	D
	25	-	-	-	•	-	5	7	E
	40	-	-	-	•		10	12	G
	45	-	-	-	-	-	13	15	Н
	50	•	8	•	-	-	19	21	H
	55	•	-	-	-	-	23	25	į
90	60	-	-	-	-	-	26	28	J
ĺ	70				-	÷	32	34	
	80	***	•	•	*	•	38	40	gjási Tkill
	90			_	Ţ	Ţ	43	∞45 ⊗	
	100				•	÷	48	50	
ļ	110	-	-		-	-	53	55	
	120	- Sale <del>-</del> gy			- X	÷	59	61	
	15	-	-	-	-	-	•	2	D
	20	-	-	-	-	-	5	7	E
	30	-	-	-	-	-	9	11	F
	35	-	-	-	-	-	11	13	G
	40	-	-	-	-	•	16	18	H
	45	-	-	_	-	-	22	24	1
100	50	-	-	-	-	-	26	28	l
100	55	-	-	-	-	-	30	32	J
	60	38 <b>-</b> 1, 2					34	<b>36</b>	A. 184
	70	Napa ≠040.					40	42	413,246,00
	80	jangua da			- 10 <del>-</del> 10		46	48	rémontus
	90		un A <b>j</b> tet			2	52	55	gerdandari yeri Hazari
	100		arra <del>l </del>		-	3	58	62	ng nga bunggala
	110				- <b>-</b>	4	64	69	ribersegen.
O <sub>2</sub> stop ti	imes do no	t includ	e ascen	t time to	30 fsw				

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop 7	Times (r	nin) at [	Different	Depths	(fsw)	Decom.			
Depth (fsw)	Time			Air			02	Time	Repet. Group		
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(min)	80	70	60	50	40	30	(min)	مردد		
	12	•	-	•	•	-	•	2	С		
	20	-		•	-	-	7	9	E		
	25	-	-	-	•	-	9	11	F		
	30	-	-	•	•	-	11	13	G		
	35	-	-	•	-	-	17	19	Н		
	40	-		•	-	-	23	25	1		
	45	-	-	-	-	-	28	30	J		
	50	-	_	•	-	-	33	35	K		
	55	-	-	-	-	-	37	39	K		
110	60		-			3	40	44			
	65		•		-	- 3	44	48			
	70		<b>9</b> 0€	•		4	47	52			
	75				•	5	50	56			
	80				- 1	. 5	54	60			
	85		•			6	57	64			
	90				***	6	61	68			
	95				•	7	64	72			
	100					7	68	76	(VI). (VI).		
	105				•	8	71	80			
110 8 75 84											
O <sub>2</sub> stop ti	mes do no	t include	e ascen	t time to	30 fsw						

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop 7	limes (r	nin) at [	Different	Depths	(fsw)	Decom.	
Depth (fsw)	Time			Air			02	Time	Repet. Group
	(min)	80	70	60	50	40	30	(min)	
	10	-	-	-	1	•	•	2	С
	15	-	-	-	-	-	6	8	Ε
	20	-	-	-	-	-	9	11	F
	25	-	-	-	-	-	-11	13	G
	30	-	-	-	-	-	15	17	Н
	35	-	-	-	-	•	24	26	Н
	40	-	-	-	-	-	29	31	1
	45	-	•	-	-	3	34	38	J
	50	-	-	-	-	4	38	43	K
120	55					5	42	48	
	60		*	•	•	6	46	53	gillager state of the state of
	65	- 0		-		7	50	58	
	70			•		7	54	62	AND SE
	75			-	2	6	58	67	The state of the s
	80				3	6	62	72	Barren et en
	85	•			3	7	66	77	eagus ja
	.90			-	3	7	70	au 81 jaj	
	95	- Communication of the Commun			4	7	74	86	
	100				4	7	79	91	
O <sub>2</sub> stop ti	mes do no	t include	ascen	t time to	30 fsw				

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop	Times (r	nin) at [	Different	Depths	(fsw)	Decom.	
Depth	Time			Air			02	Time	Repet. Group
(fsw)	(min)	80	70	60	50	40	30	(min)	Group
	8	-	-	-	*	-	•	2	В
	15	-	-	-	-	ı	7	10	E
	20	-	-	-	-	-	10	13	G
	25	-	-	1	-	-	13	16	G
i i	30	-	-	-	-		22	25	Н
	35	-	-	-	-	3	29	33	1
	40	•	-	-	-	5	34	40	J
	45	•	-	-	-	6	39	46	L
130	50	•	•	;		7	43	51	
	55				2	6	48	57	
ŀ	60		-		3	6	52	62	
	65	-	-	•	4	6	56	67	
	70	** <b>*</b> **		•	5	6	61	73	
	75		-	-	<b>5</b>	7	65	78	
	80		<b>-</b>	•	6	7	70	84	
	85		-	_	6	7	75	89	
	90	•	-	0 (8. <b>±</b> 00	7	7	80	95	
	7	-	-	-	-	-	•	3	В
	10	-	-	-	-	-	4	7	D
	15	-	-	-	-	-	9	12	D
	20	-	_	-	-	-	12	15	G
	25	-	-	-	-	•	18	21	Н
	30	-	-	-	-	4	27	32	ı
	35	-	-	-	-	6	33	40	J
	40	-	-	-	-	7	39	47	K
140	45	-	-	-	3	6	44	54	М
140	50	•			4	<b>6</b>	49	60	
	55		•	•	<b>5</b>	· 6	53	65	
]	60		-		6	6	58	71	
	65	-			7	6	64	78	
	70			2	5	7	69	84	
	75	-		3	5	8	74	91	
	80	•	-	3	-6	8	80	98	
	85		•	4	6	8	85	104	
	90			4	6	8	91	110	
0 64	mes do no		megady Tring	<u> </u>	<del></del>	l.::-	, , , , , , , , , , , , , , , , , , ,	1 10	

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop	Times (r	nin) at [	Different	Depths	(fsw)	Decom.	_
Depth	Time			Air			0,	Time	Repet. Group
(fsw)	(min)	80	70	60	50	40	30	(min)	Group
	6	-	-	-	-	-		3	В
	10	-	-	-	•	-	- 5	8	D
	15	•	•	-	-	-	10	13	F
	20	-	•	-	-	-	14	17	G
	25	-	•		•	4	24	29	Н
	30	-	•	•	-	6	31	38	I
	35	-	•	-	3	5	37	46	K
450	40	-	-	•	4	6	43	54	М
150	45	i School und i A. Advites			6	6	48	61	
	50	-		-	7	6	54	68	
	55			3	5	6	60	75	agration in section
	60	- S	-	4	5	7	65	82	in and the second
	65			4	6	7	71	89	
	70			5	6	7	77	96	AR SHE
	75	-		- 6	<b>5</b>	8	84	104	, The same was booken
	80		erright S	6	6	8	90	13 <b>111</b> 134.	
	6	-	-	-	-	-		3	В
	10	-		-	-	-	6	9	E
	15	-	-	-	-	-	11	14	F
	20	-	*	-	-	3	16	20	G
	25	-	-	-	-	6	28	35	i
•	30	-	•	-	4	5	35	45	J
160	35	-	•	-	5	6	41	53	L
100	40		an as <del>-</del> ,sà		7	6	47	61	japak e syj
	45			3	5	6	54	69	Signal A
	50	A STATE	in s <del>a</del> s	4	- 5	7	60	77	
	55			5	6	7	66	85	
	60	*	. ( ) <del>+</del> ( )	6	6	7	73	93	Sudden
	65		3	4	6	8	80	102	
	70		3	5	6	8	87	110	The State of the state of
O <sub>2</sub> stop t	imes do no	t includ	e ascen	t time to	30 fsw				D

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom	Stop '	Times (ı	nin) at [	Different	Depths	(fsw)	Decom.	
Depth (fsw)	Time			Air			02	Time	Repet. Group
(.517)	(min)	80	70	60	50	40	30	(min)	Cioop
	5	-	•	•	-	-	•	3	В
	10	•	•	1	•	-	7	10	E
	15	-	•	•	•	-	13	16	G
	20	-	ı	•	•	5	21	27	Η
	25	-	•	•	3	5	31	40	j
	30	-	•		6	5	39	51	K
170	35	-	•	3	4	6	46	60	М
170	40		-	4	5	6	52	.68	
	45	•	•	6	<b>5</b>	6	59	77	
	50		3	4	5	7	66	86	
	55	-	3	<b>5</b>	- 5	8	73	95	
:	60	***	- 4	5	6	8	81	105	
	65	•	<b>5</b>	5	6	8	89	114	
	70		5	- 5	7	.12	96	126	
	5	•	-	•	-	•	•	3	В
	10	-	-	-	-	-	9	12	E
	15	-	•	-	-	-	14	17	G
ļ	20	-	-	-	-	7	25	33	Н
}	25	-	•		5	5	35	46	J
180	30	-	-	3	5	5	42	56	М
100	35	•	_	5	- 5	6	50	67	
	40		3	4	5	6	57	76	
	45	•	4	4	5	7	65	86	
	50		5	<b>4</b>	6	7	73	96	
	55		5	5	6	8	81	106	
	60	3	<b>3</b>	5	· 7	9	89	117	
O <sub>2</sub> stop t	mes do no	t include	e ascen	t time to	30 fsw	<del> </del>			

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom		Stop Times (min) at Different Depths (fsw)										
Depth (fsw)	Time				Air				02	Decom. Time			
(1317)	(min)	100	90	80	70	60	50	40	30	(min)			
	5				_	•	•	-	-	3			
	10	•	•	•	•	•	•		10	14			
	15	-	-	-	-	•	•	4	15	20			
:	20		•	÷	-	•	4	5	29	39			
	25	•	•	-	-	3	4	5	38	51			
190	30			. +	-	5	5	5	46	62			
	35				3	4	5	6	54	73			
	40			-	- 5	4	5	7	62	84			
	45			-	6	4	6	7.	71	95			
	50		•		4	4	6	8	80	106			
	55	<b>₩</b> •		<del></del>	4	5	6	10	89	<b>119</b> -			
	10		PROPERTY.				-		11	ige#15			
	15	-		-	•	-	-	6	18	25			
	20					•	6	4	32	43			
	25					5	4	5	41	56			
200	30				3	4	5	6	50	69			
	35				5	4	5	7	58	80			
	40			-	3	.5	5	8	67	92			
	45		####	22 P	4	4	6	8	77	104			
	50	20 <del>20</del> 3	. KING		4	5	6	10	87	118			
	10				•	•		*	12	् <sub>व</sub> 16 ्			
	15	- 100 <del>-</del> 100	digitals:				-	7	22	30			
	20		1 9 1 2 <del>-</del> 1 2 3			4	3	5	35	48			
	25				-	6	5	5	45	62			
210	30		3		5	4	5	6	54	75			
	35			3	4	4	5	7	63	87			
	40			5	3	5	6	8	73	101			
	45		egt sinne	6	4	4	7	8	84	114			
	50	-	3	4	4	5	7	13	95	132			
O <sub>2</sub> stop ti	mes do not	include	e ascei	nt time	to 30 fs	SW							

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (FEET)

	Bottom			Decom.						
Depth (fsw)	Time				Air				02	Time
(.5,	(min)	100	90	80	70	60	50	40	30	(min)
	10	-	-		•	-	-	•	13	17
	15	•	•	•	•	•	5	4	25	35
	20	1	•	•	-	5	4	5	38	53
220	25		-	-	4	4	4	6	48	67
220	30	-	1	- 3	4	4	5	7	58	82
	35	9	•	5	3	<b>5</b> -	5	В	68	95
:	40	-	<b>3</b>	<b>3</b>	4	<b>5</b>	6	8	80	110
_	45	-	4	<b>3</b>	4	6	6	12	91	127
	10		•		•	•	÷	•	14	<b>18</b>
	15					-	6	4	28	<b>∂39</b>
	20	: ****	•	•	•	6	4	6	40	57
230	25		18 <del>-</del> 1	•	6	4	-4	7	51	73
	30			5	3	- 4	6	7	62	88
	35	-	- 4	3	3	- 5	- 6	8	74	104
	40		- 5	3	4	5	6	10	- 86	120
	5		•		38 T		•		5	. 9
	10	ಿಕ್ಷ	-	÷			-	5	14	20
	15	•			70 E	-	7	5	30	43
240	20		-	-	5	3	4	6	43	62
240	25	•	-	4	3	4	5	7	55	79
	30		4	2	4	- 4	6	7	67	95
	35	-	5	3	4	5	6	8	80	112
	40	- 4	2	4	4	5	7	13	93	133

# TABLE 2S

# SHORT IN-WATER OXYGEN DECOMPRESSION (FEET)

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TABLE 2S: SHORT IN-WATER OXYGEN DECOMPRESSION (FEET)

Depth (fsw)		ecompre m Times				ion Requ mes (min	
50	30 C	50 E	75 G	115 J	125 J	140 K	160
60	20 B	30 D	50 F	75 H	85 I	95 J	110 K
70	15 B	25 D	35 F	45 F	65 H	72 I	82 J
80	10 A	20 D	25 E	30 F	50 H	57 H	641
90	9 A	15 C	20 D	25 E	40 G	46 H	52 I
100	7 A	10 B	15 D	20 E	33 G	39 H	43 I
110	6 A	10 B	12 C	17 D	28 G	34 H	37 H
120		6 A	10 C	14 D	23 G	30 H	32 H
130		5 A	8 B	13 D	20 G	26 G	29 H
140		5 A	7 B	11 D	17 F	24 G	26 H
150			6 B	10 D	15 F	21 G	23 H
160			6 B	9 D	14 F	19 G	21 H
170			5 B	8 C	12 E	18 G	19 H
180			5 B	7 C	11 E	16 G	18 G
Deco	•	on Time ( at 30 fsw	• •	5	10	15	20

Note: Decompression stop times do not include ascent time to 30 fsw.

# TABLE 3

# SURFACE DECOMPRESSION WITH OXYGEN (FEET)

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TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			Stop <sup>-</sup>	Times	(min)	at Di	fferer	t Depths	(fsw)		
Depth	Bottom Time		In		r Sto	os		Surface	RCC	Decom. Time	Repet.
(fsw)	(min)				ir	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Interval	O <sub>2</sub>	(min)	Group
		80	70	60	50	40	30		40		
	50	-	-	-	-	-	•		•	1	F
	70	-	•	•	-	-	ı		10	18	Н
	80	1	•	•	1	ı	ı		16	24	Н
	90	•		-	-	-	-	m, fsw	20	28	1
	100	-	-	•	-	-	-	otto e 40 tes.	24	32	J
	110		-	-	-	-	-	the both ng the 4 minutes	28	36	K
	120	•	•	-		-	-	Time from leaving the 30 fsw stop (or the bottom, no in-water stop is required) to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	30	38	K
	130			<b>₩</b>		-	-	e from leaving the 30 fsw stop (or n-water stop is required) to reachi Chamber stop must not exceed 7	33*	46	<b>雪沙</b> 春号(1)
	140		•	-		-		sw s d) to t exc	38*	51	happin
60	150	-	-			•		30 fg uirec t no	43*	56	
	160	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	- 1 1		• •			the tred	47*	60	Jahren je
	170		-		-			ing p is top	50*	63	19sta es
	180	****	<b>*</b> -		•		. 908 <u>2</u> 1.2 1985-2 ()	eav sto er s	54*	67	Property of
	190					: <b>:</b>	(1) <del>1</del>	om ater amb	57*	70	
	200	141. <u>2</u> 33			-		- 1169 <u>1</u> 483 - 126919 - 126	in-k Ch	60**	78	
	210	rrus.	48883 <del>4</del>			-	eg i Cros. Verskalte	Tim if no	64**	82	And the second of the second o
	220	i i Laide Andre Di						=	70**	88	42.818.71
	230					•			74**	92	la ma
	240	3100 E							77**	95	
Note	: asteris	k (*) i	ndica	les nu	mber	of 5 i	ninut	air breal	ks require	d.	<u> </u>

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

		8	Stop	imes	(min)	at Di	fferen	t Depths (	(fsw)		
Depth	Bottom Time		In	-Wate	r Stop	os		Surface	RCC	Decom. Time	Repet.
(fsw)	(min)			Α				Interval	02	(min)	Group
		80	70	60	50	.40	30		40		
	35		-	-	- :	-	-		•	1	E
	50	-	-	-	-	-	-		6	14	Н
	60	-	-	•	-	-	•	m, fsv	15	23	Н
	70	-		-	-	-	-	otto e 40 tes.	21	29	1
	80	•	-	-	-	-	-	the bottong the 4 minutes.	26	34	J
	90	•	-	-	-	-	-	or t chin	30	38	K
	100	-	ı	-	•	-	-	e from leaving the 30 fsw stop (or n-water stop is required) to reachi Chamber stop must not exceed 7	34*	47	K
	110	-		•				SW S J) to t ex(	40*	53	
70	120	-	÷		-	-	-	d irec	46*	59	
	130	-						Ted The	50*	63	
	140	40	<b>.</b>	•				p is top	55*	68	
	150	-	•	•	36. <del>-</del> 3			leav sto er s	60*	73	
	160	-	-				ૢ૽ૻૢૼ	arte amp	64**	82	
	170	-		-				Time from leaving the 30 fsw stop (or the bottom, no in-water stop is required) to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	71**	89	
	180		-	-	:			투일	76**	94	
	190				nosiii <mark>S</mark> ari		1	] =	81**	100	
	200			-			2		85**	105	
Note	e: asteris	k (*) i	ndica	tes ni	ımbei	of 5	minut	e air brea	ks require	ed.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

		5	Stop 7	Times	(min)	at Di	fferen	t Depths (	fsw)		
Depth	Bottom Time		In	-Wate	r Stop	os		Surface	RCC	Decom. Time	Repet.
(fsw)	(min)			Α	ir			Surface Interval	02	(min)	Group
	•	80	70	60	50	40	30		40		
	25	-		-	•	-	•			2	Ε
	45	-	-	-	-	-	-	m, fsw	12	20	Н
	50	-	•	-	-	-	-	bottom, the 40 fsw nutes.	17	25	Н
	55	-	-	-	-		-		21	29	Н
	60 70 80	-	-	-	-	-	-	or t chin 17 n	24	32	l
	70	-	-	-	-	-	-	rea Seec	30	38	J
	80	-	•	-	-	•	-	Time from leaving the 30 fsw stop (or the bottom, no in-water stop is required) to reaching the 40 fs Chamber stop must not exceed 7 minutes.	35*	48	K
80	90	(C.)		-	9. <b></b>		1		41*	55	
l	100				÷		2	req mus	47*	62	
	110		kalegu⊈sak daji N			-	3	ing p is top	53*	69	jalegravaggera. Segu
	120	**************************************	ogiver i vo teri i j <b>æ</b> ni gager i krij		•		3	leav r sto er s	59*	75	August 1999 Massac
	130		¥.			-	4	om amb	63**	85	
	140		-	<u> </u>	7.		5	S in S	72**	95	
	150	-					5		79**	102	
	160	- 4				-	6	<u> </u>	84**	108	Adequation of the
Note	e: asteris	k (*) ii	ndica	tes nu	ımber	of 5	minut	e air breal	ks require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

		,	Stop 7	Times	(min)	at Di	fferer	nt Depths (	fsw)		
Depth	Bottom Time		In	-Wate	r Sto	၁ၭ		0	RCC	Decom. Time	Repet.
(fsw)	(min)			Α	ir			Surface Interval	02	(min)	Group
	` '	80	70	60	50	40	30		40	,	
	20		-	-	-	-	-		•	2	D
	35	-	•	-	•	-	-		8	16	G
	40	-	•	-	-	-	•		16	24	G
	45	-	ı	•	•	-	-	red (b	21	29	Н
·	50	1	ı	ı	•	-	-	in se	25	<b>3</b> 3	Н
	<b>5</b> 5	-	•	-	•	-	1	is r utes	28	37	1
90	60	-	-	-	-	-	2	Stop min	30*	45	J
	70	793 <u>4</u> 30 70000730	- 1027 - 1005			-	4	ter :	37*	54	
	80		**	_			5	ew-t	45*	63	
	90						6	f no in	52*	71	
	100	<b>4</b>	_				7	stra	58*	78	
	110			_			8	attorn m.	65**	91	
	120		-	1	•	*************************************	8	- 5 A	75**	101	
	15	•	-	-	-	-	-	ber th	•	2	D
	30	-	-	-	-	-	-	op (c nam	8	16	G
	35	-	-	-	-	-	-	v stc w cd	17	25	G
	40	-	-	-	-	-	2	) fsv 10 fs	22	32	Н
	45	-	•	-	-	••	3	le 3( he 4	27	38	I
	50	-	-	-	ı	-	4	ng th ing t	30	42	1
100	55	+	-	•	-	-	5	avir	31*	49	j
	60						6	e e	37*	56	
	70	-		•		•	8	fro t	46*	67	
	80						9	Time	54*	76	
	90	•		•		2	8		60*	83	
	100			•		3	9		72**	102	
	110					4	9	<u> </u>	81**	112	
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	air break	s required	i.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			Stop 7	Times	(min)	at Di	fferer	t Depths (	fsw)		
Depth	Bottom Time		In		r Sto	os		Surface	RCC	Decom. Time	Repet.
(fsw)	(min)				ir			Interval	02	(min)	Group
		80	70	60	50	40	30		40		
	12	-	•	-	-	-	-		=	2	С
	25	-	ı	-	-	-	-		7	15	G
	30	ŧ	ı	•	ı	•	2		16	26	G
	35	1	ı	•	1	-	4	m, fsw	22	34	Н
	40	1	1	-	•	-	5	otto e 40 tes.	27	40	l
	45	-	ı	•	-	-	6	he t g th ninu	30*	49	J
	50	ı	•	-	-	-	8	or t chin 17 n	34*	<b>5</b> 5	K
	55	-	-	-	-	-	9	Time from leaving the 30 fsw stop (or the bottom, if no in-water stop is required) to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	40*	62	K
	60	1.30m - 380g		*	i T	3	7		45*	68	
110	65	÷			•	3	8	30 fg uirec tf no	50*	74	ggera viltera i i i
	70			***		4	8	red mus	54*	79	gwych y
	75	original Your are	-			- 5	8	ing p is top	59*	85	Alaghier and a second
	80					5	8	leav r sto er s	61**	92	
	85					6	8	rom vate amb	70**	102	
	90					6	9	를 <sup>두</sup> 당	76**	109	in the party is the
	95		***		1 ( ) 1 ( )	7	9	투	81**	115	
	100		187 Y 7			· 7	10	-	86**	121	jaganjang.
	105		-		•	8	13		90**	129	
	110	*			+	8	16		95***	142	
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	e air break	s require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

		5	Stop <sup>-</sup>	Times	(miń)	at Di	fferer	t Depths	(fsw)		
Depth	Bottom Time		In		er Stop	ps		Surface	RCC	Decom. Time	Repet.
(fsw)	(min)				ir			Interval	Oz	(min)	Group
		80	70	60	50	40	30		40		
	10	-	-	-	-	-	-		•	2	С
	20	-	-	•	•	-	•		7	15	F
	25	-	-	-	•	-	2	, SW	13	23	G
	30	-	-	-	-	-	5	ttom 40 fi	21	34	G
	35	-	-	-	-	-	6	the three	27	41	Н
	40	-	•	-	-	-	8	r the ing mir	30*	51	I
	45	•	•	-	-	3	7	p (o sach ed 7	36*	59	J
	50	•	•	•	-	4	7	sto re	42*	66	K
120	55		•		8 (A) <del>(A</del> (3)	<sub></sub> 5	7	e 30 aquire ust n	48*	73	
120	60		-		-	6	8		53*	80	
	65		•	•	-	7	8	g the	58*	86	
	70		-			7	9	avin top sto	60**	94	
	75			· · ·	2	6	9	n le ter s 1ber	70**	105	
	80			-	3	6	9	fror -wa han	77**	113	
	85		3	•	-3	7	10	lime to in C	83**	121	
	90		•	#####################################	3	<b>7</b>	14	i ii	87**	129	
	95		•		4	7	16		90**	135	
	100		•		4	7	20	5	100***	154	
Note	e: asteris	k (*) i	ndica	tes nu	ımber	of 5	minut	e air breal	ks require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			Stop <sup>-</sup>	Times	(min	at D	fferer	nt Depths	(fsw)		
Depth (fsw)	Bottom Time		In	-Wate		ps		Surface	FICC	Decom. Time	Repet.
(1547)	(min)	80	70	60	ir 50	40	30	Interval	O <sub>2</sub>	(min)	Group
	8	-	-	-	-	-	-		-	2	В
	20	-	-	-	-	-	-	. As	9	17	G
	25	-	-	-	-	-	5	tom 40 fs	18	31	G
	30	-	-	-	•	-	7	bot the	26	41	Н
	35	-	-	-	-	3	6	ing	30*	52	ı
	40	-	-	-	-	5	6	Time from leaving the 30 fsw stop (or the bottom, if no in-water stop is required) to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	36*	60	J
	45	-	-	-	•	6	7		43*	69	K
130	50	3. J	<u> </u>	UK.T	3	7	8		49*	77	
.00	55	¥.	-		2	6	8	e 30 quir ıst r	55*	84	Septembri
	60			₩.	3	6	8	g the is re	60**	95	ajepteka
	65				4	6	9	avin top sto	68**	105	
	70	1.			5	6	ှ9	n le ter s ter s	76**	114	14 (894)
	75	1		, <del>,</del> ,	5	7	្នា។	fror wal	82**	123	
	80	-			6	7	15	Time To in	87**	133	
	85	14 (4) 14 (4)			6	7	18	- ±	90***	144	
	90				7	7	22	2	102***	161	Organia de
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 r	minute	air break	s require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			Stop <sup>-</sup>	Times	(min)	at Di	fferen	t Depths (	(fsw)		
Depth	Bottom Time		In		er Sto	os		Surface	RCC	Decom. Time	Repet.
(fsw)	(min)		r <del></del> ,		ir	, ·		Interval	O <sub>2</sub>	(min)	Group
		80	70	60	50	40	30		40		
	7	-	-	ł	-	-	•		•	3	В
	15	-	-	-	-	-	-		7	15	F
	20	-	-	-	-	-	4	m, fsv	12	24	G
	25	-	-	-	•	-	7	otto e 40 tes:	23	38	Н
	30	-	-	-	-	4	6	Time from leaving the 30 fsw stop (or the bottom no in-water stop is required) to reaching the 40 fs Chamber stop must not exceed 7 minutes.	30	48	1
	35	-	-	-	-	6	6	or t	34*	59	J
	40	-	-	-	-	7	7	rea	42*	69	K
	45	ı		-	3	6	7	sw s d) to	49*	78	М
140	50	-	J	-	4	6	-8	30 fauirea uirea t no	56*	87	
	55	1	•	•	5	6	9	red mus	60**	98	
	60	•	2		6	6	9	ing p is top	71**	110	
	65	•			7	6	11	leav r sto er s	79**	121	
	70		-	2	<b>5</b>	7	15	om /atel	85**	132	
	75	٠.	-	3	- 5	8	18	S = C	90**	142	
	80		-	3	6	8	21	Time from leaving the 30 fsw stop (or the bottom, if no in-water stop is required) to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	101***	162	
	85	40.00	•	4	6	8	25	#	108***	174	
	90			4	6	8	30		113***	184	
Note	e: asteris	k (*) i	ndica	tes nu	ımber	of 5	minut	e air breal	ks require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			Stop	Times	(min)	at Di	fferer	t Depths	(fsw)		
Depth	Bottom Time		In	-Wate	r Stop	os		<i>.</i>	RCC	Decom.	Repet.
(fsw)	(min)			Α	ir			Surface Interval	O <sub>2</sub>	Time (min)	Group
		80	70	60	50	40	30		40		
	6	-	-	-	-	-	-		-	3	В
	15	•	-	-	-	•	•		8	16	G
	20		•	-	-		6		17	31	G
	25	-	-	-	-	4	6		26	44	Н
	30	-	-	-	-	6	7	98.	30*	· 56	l
	35	-	-	-	3	5	7	p is inut	40*	68	K
	40	-	-	•	4	6	8	sto 7 m	48*	79	M
150	45	3			6	6	8	ater	55*	88	Mari Aries
	50	3			7.	6	ာ	in-w exc	60**	100	
	55		•	3	5	6	10	70 70	73**	115	
	60		\$ <b>1</b>	4	5	· 7	13	m, if iust	81**	128	
	65	1	•	4	6	7	17	otto op m	87**	139	
	70	4		5	6	7	21	5 jage 15	97***	159	
	75			6	<b>5</b>	8	25		106***	173	
	80		-	∞6	6	8	29	op Shar	112***	184	
	6	-	-	-	-	-	-	w st	•	3	В
	15	-	-	-	-	-	4	me from leaving the 30 fsw lired) to reaching the 40 fsw	7	19	G
	20	-	-	-	-	3	5	he 3 the 4	21	37	G
	25	-	-	-	-	6	6	ng t ing 1	30	50	1
	30	-	-	-	4	5	6	eavi	37*	65	J
	35	•	-	•	5	6	7	om l	46*	77	L
160	40	Ų∰¥		1	7	6	8	e fro	54*	88	
	45		•	3	-5	6	9	Tim require	60*	96	
	50			4	-5	7	9	ē	73**	116	
	55		•	5	6	7	14		81**	131	
	60			6	6	7	18		89**	144	
	65	- -	3	4	6	8	22		101***	167	
	70		3	.5	6	8	27		109***	181	
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	air break	s require	d.	

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TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			Stop 7	Times	(min)	at Di	fferer	t Depths	(fsw)		
Depth	Bottom		In	-Wate	r Sto	os			RCC	Decom.	Repet.
(fsw)	Time (min)			Α	ir			Surface Interval	O <sub>2</sub>	Time (min)	Group
		80	70	60	50	40	30	intorvar	40		
	5	-	1	-	1	-	•		٠	3	В
	10	-	-	ı	ß	ı	ı		6	14	D
	15	•	•	•	1	•	6		11	25	G
	20	-			1	5	6	red)	25	44	Н
	25	-	-	1	3	5	6	edni.	30*	57	J
	30	-	-	-	6	5	7	is re utes	42*	73	K
170	35	•	-	3	4	6	8	ne from leaving the 30 fsw stop (or the bottom, if no in-water stop is required) to reaching the 40 fsw chamber stop must not exceed 7 minutes.	51*	85	М
1,70	40			4	5	6	9	iter :	60*	97	
	45	•	÷	· 6	5	6	10	-wa	71**	116	
	50	•	3	4	5	7	14	no ir ot e;	81**	132	
	55		3	- 5	5	8	19	n, if Ist n	89**	)** 147 :*** 171	
	60	•	4	5	6	8	23	tton m.	102***		
	65	•	5	- 5	6	8	29	e bo stop	111***		
	70		5	- 5	<b>7</b>	12	31	ber th	118***	201	
	5	•	•	-	-	-	-	op (c ham	•	3	В
	10	-	-	-	-	-	-	v stc w c	7	15	E
	15	•	ı	-	-	-	8	o fsv to fs	15	31	G
	20			1	-	7	6	ne 3( the 4	28	49	Н
	25	-	ı	-	5	5	7	ng th	36*	66	J
180	30	-	-	3	5	5	8	ach	47*	81	М
100	35		1	5	<b>5</b>	6	- 8	m le to re	57*	94	
	40	•	3	- 4	<b>5</b>	6	9	e fro	68 <b>**</b>	113	
	45	: <del>.</del>	4	4	5	7	14	Ĭ	79**	131	
	50		5	4	6	7	19	-	88**	147	
	55	-	5	5	6	8	24		102***	173	
	60	3	3	5	· 7	9	29		1111***	190	
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	e air break	s require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			5	Stop 7	Times	(min)	at Di	fferer	t Dep	oths (fsw)		
Depth	Bottom Time			In		r Sto	os			Surface	RCC	Decom. Time
(fsw)	(min)					ir	P			Surface Interval	O <sub>2</sub>	(min)
	800 <b>-</b> 0.00	100	90	80	70	60	50	40	30		40	
	5	-	•	-	•		•	•	-		•	3
	10	•	•		•	-	-	-	•		8	16
	15	-	-	_	•		-	4	5		19	36
	20	-	•	-		-	4	5	6		30	53
	25	-		-	-	3	4	5	7		41*	73
190	30	1000	-	•	•	5	5	5	8	is utes	52*	<b>. 88</b>
	35			-	3	4	- 5	6	9	d in	60*	100
	40		•		5	4	5	7	12	ters d 7	76**	127
	45	•	•	-	-6	4	6	7	18	-wa cee	86**	145
	50		-	3	4	- 4	6	8	24	ot o	100***	172
	55	-	<u> </u>	4	4	5	6	10	28	i i i	111***	191
	10		-	ा <del>(</del> )	( - C	<u>-</u>			-	E LOW	10	18
	15	•	•			÷	1	6	5	top to	22	:: <b>41</b>
	20		<b>-</b>	-	-		6	4	7	the	31*	61
	25		<b>:</b>	1		5	4	<b>5</b>	8	amt	45°	<b>80</b>
200	30	160 <del>-</del>	- (80 <del>-</del>		. 3	4	5	6	8	) Sg	57*	96
	35	ۇرۇپ ئار			- 5	4	5	7	တ	fsw fsw	70**	118
	40		\$ <b>-</b>	3	3	5	5	8	16	9 30 e 4(	83**	141
	45			4	4	4	6	8	22	g th	95***	:166
	- 50		•	5	4	5	6	10	27	Skin Ghir	109***	189
	10		**************************************	n nagrak Kangalaka					5	e from leaving the 30 fsw stop (or the bottom, if no in-water stop is ed) to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	7	20
	15					•		7	6	fron () to	25	46
	20	2	-		-	4	3	5	7	ime Lirec	36*	68
	25		<b>.</b>			6	5	5	8	Time	50*	87
210	30		-		5	4	5	6	9		60*	102
	35			3	4	4	5	7	14		77**	132
	40			5	-3	5	6	8	19		90**	154
	45	4. <b>4</b>		6	4	4	<b>7</b>	8	27		106***	185
	50		- 3	4	୍ୟ	-5	7	13	31		117***	207
Note	e: asteri	sk (*)	indic	ates	num	ber o	f 5 m	inute	air b	reaks rec	uired.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (FEET)

			5	Stop 7	imes	(min)	at Di	fferer	t Dep	ths (fsw)		2
Depth	Bottom Time			In	-Wate		ps			Surface	RCC	Decom. Time
(fsw)	(min)	100	90	80	70	ir 60	50	40	30	Interval	O <sub>2</sub>	(min)
	Sector A Sect	100	. 1,10,00000		1.1 5.4.2	6U •	50		7		7	22
	10	19100000	•	•	•		10.000000	4	50.00 00.00		28	51
	15	•	-	•		•	5	35 34 37 3	6		40*	74
	20	-	-	-	0.00000	5	4	5	7		40 54*	640000 000 Best
220	25	-	-	-	4	4	4	6	9			94
	30	•	-	3	4	<b>4</b>	5	7	9	e S.	69**	119
	35	•	-	5	-3	5	5	8	17	ng th	83**	144
	40	•	3	3	4	5	- 6	8	24	Chir Tili	100***	176
	<b>45</b>		4	3	∞4	6	6	12	29	rea ed 7	113***	200
	10			•	( E		*		8	p to	11	27
	15	•		-	-		6	4	7	r sto	40 faw Chamber stop must not exceed 7 minutes 100***  100***  110***  111  30  44*  59*  108***  108***	.55
	20	_	•	-	•	6	4	⊗6	7	fsw ist n	44*	80
230	25	•	•	-	6	4	- 4	7	8	930 THU	59*	101
	30	•	•	5	<b>3</b>	4	6	7	12	g the	76**	131
	35		4	3	<b>3</b>	- 5	- 6	8	20	aving ber	90**	157
	40	-	5	3	4	- 5	6	10	27	n lea	108***	191
	10			-	36.			5	- 5	fo C C	15	<b>33</b>
	15			-	:		7	5	6	Time from leaving the 30 fsw stop to reaching the 40 fsw Chamber stop must not exceed 7 minutes.	30*	61
	20			-	5	3	4	6	8	F 4	48*	87
240	25	- 2 C		4	3	4	-5	7	9		60**	110
	30		4	2	- 4	4	· 6	7	16	†	82**	143
	35		5	3	4	5	6	8	24	1	100***	178
	40	4	2	4	4	5	7	13	30		115***	207
Not	e: aster	1003 2100		Bududer in			1			reaks red	100000000000000000000000000000000000000	1

# **TABLE 4**

# REPETITIVE DIVING (FEET)

- A. REPETITIVE FACTORS/SURFACE INTERVALS TABLE
- B. NO-DECOMPRESSION REPETITIVE DIVING TABLE

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**TABLE 4: REPETITIVE DIVING (FEET)** 

A. REPETITIVE FACTORS/SURFACE INTERVALS TABLE											
Repet. Group (RG)	Repetitive Factors (RF) for Surface Intervals (SI) in hr:min										
	0:15 → 0:29	0:30 → 0:59	1:00 → 1:29	1:30 → 1:59	2:00 → 2:59	3:00 → 3:59	4:00 → 5:59	6:00 → 8:59	9:00 →11:59	12:00 →14:59	15:00 →18:00
Α	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
В	1.5	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0
С	1.6	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
D	1.8	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0
E	1.9	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0
F	2.0	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
G	•	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0
H	•	•	1.9	1.7	1.6	1.5	1.4	1.3	1.1	1.1	1.1
j	•	-	2.0	1.8	1.7	1.5	1.4	1.3	1.1	1.1	1.1
្ស	•	•	•	1.9	1.8	1.6	1.5	1.3	1.2	1.1	1.1
K	-	-	-	2.0	1.9	1.7	1.5	1.3	1.2	1.1	1.1
L	-	•	•	•	2.0	1.7	1.6	1.4	1.2	1.1	1.1
М	•	-	-	-	•	1.8	1.6	1.4	1.2	1.1	1.1
<b>N</b>						1.9	1.7	1.4	1.2	1.1	1.1
0	•	•	•	•	•	2.0	1.7	1.4	1.2	1.1	1.1

B. NO-DECOMPRESSION REPETITIVE DIVING TABLE												
Depth (fsw)	Allowable No-D Limits (min) for Repetitive Factors (RF)											
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0		
30	272	250	230	214	200	187	176	166	157	150		
40	136	125	115	107	100	93	88	83	78	75		
50	60	55	50	45	41	38	36	34	32	31		
60	40	35	-31 s	29	27	26	24	23	22	21		
70	30	25	21	19	18	17	16	15	14	13		
80	20	18	16	15	14	13	12	12	11	ୀ1 ା		
90	16	14	12	11	11	10	9	9	8	8		
100	13	11	10	9	9	8	8	<b>7.</b>	<b>. 7</b>	7		
110	10	9	8	8	7	7	6	6	6	6		
120	8	7	7	6	6	6	5	5	5	5		
130	7	6	6	5	5	5	4	4	4	4		
140	6	5	5	5	4	4	4	3	3	3		
150	5	5	4	4	4	3	3	3	3	3		

### TABLE 5

# DEPTH CORRECTIONS FOR DIVING AT ALTITUDE (FEET)

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TABLE 5: DEPTH CORRECTIONS - DIVING AT ALTITUDE (FEET)

Actual			Depth	Correc	ction at	Altitude	(feet)		
Depth (feet)	300 → 999	1000 → 1999	2000 → 2999	3000 → 3999	4000 → 4999	5000 → 5999	6000 → 6999	7000 -> 7999	8000 → 10000
30	+0	+10	+10	+10	+10	+10	+10	+20	+20
40	+0	+10	+10	+10	+10	+10	+20	+20	+20
50	+0	+10	+10	+10	+10	+20	+20	+20	+20
60	40	+10	+10	+10	+20	+20	+20	+20	+30
70	+0	+10	+10	+10	+20	+20	+20	+30	+30
80	+0	+10	+10	+20	+20	+20	+30	+30	+40
90	+0	+10	+10	+20	+20	+20	+30	+30	+40
100	<b>⊹</b> 0	<b>∔10</b>	+10	+20	+20	+30	+30	+30	+40
110	+0	+10	+20	+20	+20	+30	+30	+40	+50
120	+0	+10	+20	+20	+30	+30	+30	+40	+50
130	+0	+10	+20	+20	+30	+30	+40	+40	+50
140	<b>∔</b> 0	+10	+20	+20	+30	<b>+30</b>	+40	+40	+60
150	+10	+10	+20	+20	+30	+40	+40	+50	+60
160	+10	+20	+20	+30	+30	+40	+40	+50	+60
170	+10	+20	+20	+30	+30	+40	+50	+50	+70
180	<b>+10</b>	+20	+20	+30	+40	+40	+50	+50	388/19 3
190	+10	+20	+20	+30	+40	+40	+50		
200	+10	+20	+20	+30	+40	+40			
210	+10	+20	+20	+30					
220	+10	+20							rgangan.
230	+10								
Sea Level		Actual	Decom	oressio	n Stop I	Depth a	t Altitud	e (feet)	
Stop Depth (feet)	300 → 999	1000	2000 → 2999	3000	4000	5000	6000	7000 → 7999	8000
10	10	→ 1999 10	→ 2999 10	<i>→</i> 3999	→ 4999 <b>9</b>	→ 5999 9	→ 6999 <b>8</b>	→ 7999 <b>8</b>	→ 10000 8
20	20	20	19		18	17		16	15
30	30	29	28	27	26	25	24	24	23
40	40	39	38	36	35	34	32	31	30
50	50	49	47	45	44	42	40	39	38
60	59	-58	56	54	52	50	48	47	45
70	69	68	66	63	61	59	56	54	52
80	79	77	75	72	70	67	64	୍ତ <b>62</b>	60
90	89	87	84	81	78	75	72	70	67
		<u> </u>	V T	V.			- /-		<u> </u>

## **APPENDIX B**

# DCIEM AIR DIVING TABLES (METRES)

### TABLE 1

# STANDARD AIR DECOMPRESSION (METRES)

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TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	) Time	es (mi	n) at D	iffere	nt Dep	oths (n	nsw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	30	-	-	-	-	-	-	-	-	1	Α
	60	•	-	-	•	-	-	-	-	1	В
	90	-	-	-	-	-	-	-	-	1	С
	120	-	1	-	-	-	-	-	-	1	D
	150	1	•	-	-	-	-	-	-	1	Е
	180	•	•	-	-	-	-	-	-	1	F
6	240	-	-	-	-	-	-	-	-	1	G
	300	•	•	-	-	-	-	-	-	1	Н
	360	-	-	-	-	-	-	-	-	1	I
	420	-	-	-	-	-	-	-	-	1	J
	480	•	•	-	-	-	•	-	-	1	К
	600	•	•	•	ı	-	-	-	-	1	L
	720	•	•	-		•	•	-	-	1	М
	30	•	•	•	+	-	-	-	-	1	Α
	60	•	-	•	-	-	•	-	•	1	C
	90	-	-	-	1	•	-	-	•	1	D
	120		-	1	1	•	-	-	-	1	F
	150	-	1	1	1	1	-	-	-	1	G
	180	-	-	-	1	ı	-	-	-	1	Н
	210	-	•	-	•		-	-	-	1	J
9	240	-	-	-	-	-	-	-	-	1	K
	270	-	-		-	-	-	-	-	1	L
	300	-	-	1	1	•	-	-	-	1	М
	330	-	-	•	-	ı	-	, <b>-</b>	3	3	N
	360	•	1	-	1	-	-	-	5	5	0
	400	<b>**</b>	** <del>*</del>		juraj Karaj		1000 4000 340	***	7	7	April orbital server
	420								10	10	
	450		A				1119		15	15	age disk from the
	480	AND LONG	<u>`</u> ~	43 <b>-</b>					20	20	

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	Decom.	Repet.					
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	20	-	-	•	-	-	•	-	-	1	Α
	30	-	-	-	-	-	-	•	•	1	В
	60	-	•	1		•	1	•	•	1	D
	90	-	-	•	•	•	•	•	•	1	G
	120	-	-		•	-	•	-	•	1	Н
	150	•	-	ı	•		•	-	•	1	J
	180	-	•	•	-	•	•	-	5	5	M
12	200		•	-			-	######################################	<b>10</b>	10	
	210	•	•		•		1	•	15	15	
	220	: <u>+</u>	-		•	•	•		19	<b>319</b> /	
	240							-	26	26	
	270	200		<b>)</b>					35	35	
	300		ŧ			•		•	44	<b>44</b>	
	330		•				•		53	53	30.080000000000000000000000000000000000
	360	•		si da 🕌		•	/ <b>*</b>		62	62	
	10	•	1	•	•	•	-	-	-	1	Α
	20	•	•	-	•	-	-	-		1	В
	30	-	-	-	-	-	-	-	•	1	C
İ	40	-	-	-	-	-	-	-	-	1	D
	50	-	-	-	-	-	-	-	-	1	Ε
	60	-	-	-	-	-	-	-	-	1	F
	75	-	-	-	-	-	-	-	-	1	G
	100	-	-	-	-	-	-	-	5	5	
	120	-	-	-	-	-	-	-	10	10	К
	125	-	-	-	-	-	-	-	13	13	К
15	130	-	-	-	-	-	-	-	16	16	L
	140	-	-	-	-	-	-	-	21	21	М
	150	-				0.24			26	26	
1	160					-		-	31	31	
	170			ga× <del>¥</del> 8€			200 (20 <u>1</u> 0)		35	35	
	180	SF®		: •: <b>•</b> ;					40	40	
	200	38 <b>-</b> 3			Ģ.÷				50	<b>50</b>	
	220			Sant.					59	59	
	240			-	-			-	70	70	
	260			-					81	81	
	280	:			(in a	- 198 <del>-</del> 16		J. O.	91	91	
<u> </u>			L	1				1			

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	es" (mir	n) at D	ifferer	nt Dep	ths (n	nsw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	ø	6	3	Time (min)	Group
	10	1	1	-	-	-	-	-	-	1	Α
	20	•	•	-	-	•	•	-	-	1	В
	30	•	•	•	•	•	1	-	-	1	D
	40	-		1	•	•	1	-	-	1	Е
	50	-	-	ı	•	1	•	•	-	1	F
	60	-	-	•	1	1	1	•	5	5	G
	80	-	•	ł	1	ı	•	•	10	10	
	90	•	-	1	•	•	•	-	16	16	J
	100	-	•	1	•	1	1	-	24	24	K
	110	-	•	•	1	-	-	-	30	30	L
	120	-	-	-	-	-	-	-	36	36	М
18	130	-		ing <del>d</del> ay		- X		2	40	42	March 19
	140		2	*******	٥		•	2	46	48	illianali.
	150			1		***************************************	1	3	52	<b>55</b> 5	apples of the
	160		- 19 <b>-</b> 1				•	3	59	62	
	170					•	1	4	65	69	y 255 to ±
	180			***	<b>∷</b> .		•	4	73	77	Northelph or en
	190	્યું≒ા	***** ********************************	i sala <del>j</del> a	1		J.	<b>5</b>	80	85	
	200		) 			_		7	87	94	
	210	- 10 <u>-</u> 2-	and <u>and di</u> a to					13	91	104	<u>(2449), 7-27</u>
	220	<b>.</b>	¥				4	17	97	114	ভার পট্ট ভারণ
	230	₩ <del>.</del>				•	-	21	103	124	the August 1997
	240	HÅ.L	<del>) -</del>	. jos <b>4</b> (1)		: = = 3		24	109	133	S. Albani,

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	n) at D	ifferen	t Dep	ths (m	isw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	10	-	-	-	-	-	-	-	•	1	Α
	20		-	-	-	-	-	-	-	1	C
	25	-	-	-	-	-	•	ı	-	1	D
	30	-			ı	•	8	•	•	1	D
	35	•	•	•	1		-		-	1	E
	40	•	8	ı	•		-	-	5	5	F
	50		•	1	-	-	•	-	10	10	G
	60	1		-	-	-	-	-	12	12	Н
	70	1	•	-	-	-	-	3	17	20	J
	80	ı	-		-	-	-	4	25	29	K
21	90	•	-	-	-	-	-	5	32	37	M
	100	-	•	-	-	-	-	6	39	45	N.
	110	•	ê.			∴*	or or other	<b>7</b>	46	53	98.0
	120	•	•	:		- 100 m		<b>7</b>	54	61	
	130		-					8	62	70	
	140					•		- 9	71	- 80	
	150			\$00 <b>.7</b> .5	(% <b>5</b> )%		3000 <del>5</del> 33	15	77	92	
	160			in a second			380 <del>-</del> 8	20	85	∞105	
	170			**	.P#+9			25	93	118	
	180			- % <del>-</del> %	in <u>T</u> in			29	101	130	
	190			***	-	•		34	109	143	
	200			94. <b>-</b> -0	3.42			38	117	155	- Basa argania. Basa argania

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

							3				
Depth	Bottom Time	Stop	Time	s (mir	) at D	ifferer	t Dep	ths (m	isw)	Decom. Time	Repet.
(msw)	(min)	24	21	18	15	12	9	6	3	(min)	Group
	10	-	-	-	1	1	-	-	-	2	Α
	15	•	•	•	•		-	-	•	2	С
	20	•		-	•	-	-	•	-	2	D
	25	•	•	-	-	•	-		-	2	E
	30	ı	•	•	•	•	1	•	5	5	F
	40	ı	1	•	•	1	•	1	11	11	G
	50	•	1	•	1	1	ŧ	4	11	15	Н
	55	•	•	-	-	•	-	5	15	20	l
	60	-	-	•	•	•	-	6	21	27	J
	65	-	-	-	-	-	-	7	25	32	J
	70	-	-	-	-	•	-	7	30	37	K
24	75	ı	-	-	-	•	-	8	34	42	L
	80	•	ı	-	ı	1	-	9	37	46	М
	85			i look <b>a</b> is Nooka is				9	42	∴3 <b>51</b>	hade en gant En gant
	90		**					10	46	56	Mr. e.s
	<b>95</b>	<b>∴</b>				•		្ន11	50	61	Karolika 🖂
	100	•				•		្នារ	55	- 66	4.5.
	110	3 <b>.</b> 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	•				2	12	64	78	
	120						3	18	72	93	gladenske.
	130				1		4	23	82	109	dav ednighte Sa
	140	200				•	4	28	93	125	
	ા 50		<u>-</u>		7	-	5	33	104	142	Andrew State
	160	•		9 (1) <b>3</b> (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		ingk 🗕 🎉	5	ଃ 9	114	158	J. Harris

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	n) at D	ifferer	nt Dep	ths (m	isw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	5	-	-	-	-	-	-	-	-	2	Α
	10	-		-	•	-	-	-	-	2	В
	15	-	-	-	-	•	-	-	•	2	C
	20	-	-	-	-	-	-	-	-	2	D
	25	•	-	-	-	-	-	-	7	7	- E
	30	•	-	-	-	-	-	2	9	11	F
	40		-	-	-	-	-	6	10	16	Н
	45	•	-	-	-	-	-	7	14	21	ı
	50	-	-	-	-	-	-	8	20	28	J
	55	-	-	-	-	-	-	9	26	35	K
27	60	•	-	-	-	•	2	8	31	41	L
	65			8,89 <del>1</del> -\$			3	<b>8</b>	36	47	2.00
	70	•	-	. <u>5 1.2</u> 000 03005			3	9	40	52	
	75		•	\$ 10 <b>-</b>	Wolls.		4	9	46	59	
	80	-			:: ( <b>2</b>		4	10	51	65	
	85		. 29 <del>5</del>			i 😅	5	10	56	71	
	90		-	•		: # <b>.</b>	5	14	60	79	
	95			20 SECTION 1			6	17	64	87	
	100	***	% <del>-</del> €		-		- 6	20	70	96	
	110						7	26	82	115	
	120		- × <b>-</b>				8	31	95	134	

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	n) at D	ifferer	nt Dep	ths (m	isw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	5	-	-	•	-	-	-	-	-	2	Α
	10	-	-	-	•	-	-	-	-	2	В
	15	-		•	ŧ	ı	•	-	-	2	D
	20	•	ı	١	ŧ	8	•	•	8	8	Е
	25	•	•	•	•	-	•	3	9	12	F
	30	-	-	-	-	-	-	5	10	15	G
	35	-	-	-	-	-	-	7	11	18	Н
	40	-	-	-	-	-	-	9	16	25	1
	45	-	-	-	-	-	3	8	23	34	J
	50	-	-	-	-	-	4	8	29	41	K
30	55	-	-	-	-	-	5	9	34	48	L
	60			_			- 6	9	40	<b>5</b> 5	desers, ~
	65	į.	\$ \frac{1}{2}	*** <b>-</b>			6	10	46	62	stgovernome gggstiggestrop
	70	-	3 - 198 <u>-</u> 198				7	10	52	69	
	75	-	المنتقل فرا			-	8	14	-56	78	geografia
	80						8	18	61	87	
	- 85		:::= :::::::::::::::::::::::::::::::::			3833 <b>.</b>	9	21	67	97	
	90					2	8	24	75	109	
	<b>95</b>	94 <del>4</del> 94	34-35			3	- 8	27	82	120	
	100	3,7 <b>≟</b> 3,7 438			- 5	3	- 8	31	90	132	April 19 April 19
	105	<b>#</b>				3	9	34	98	144	graphian (
	110		. ar¥on	*		4	8	38	106	156	

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	) at D	ifferer	nt Dep	ths (m	isw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	5	-	-	-	-	-	-	-	1	2	Α
	10	-	-	-	-	•	-	•	-	2	В
	12	-	-	-	-	-	-	1	•	2	C
	15	-	-	-	•	•	-	-	5	5	D
	20	-	-	-	-	•	-	3	9	12	F
	25		-	-	-	-	-	6	10	16	G
	30		•	1	-	-	-	9	10	19	Н
	35	-	•	•	•	-	3	8	16	27	l
	40	•	•		-	-	5	8	24	37	J
	45	-		-	-	-	6	9	31	46	K
	50	-	-		-	-	7	9	38	54	М
33	55	•	•	-	-	•	8	10	44	62	N
	60		•		( <b>-</b> )	<b>,</b> 2	7	10	51	70	
	65			**	•	- 3	. 7	15	55	80	
	70			res <del>a</del>		4	7	19	62	92	2.22
	75					4	8	23	68	103	
	80					5	8	26	77	<b>116</b>	
j	85					- 5	9	30	86	130	
	90			-	<del>-</del> -	6	9	34	95	144	
1	95			× = 3	•	6	9	38	105	158	
1	100			**************************************		~7	9	42	114	172	
1	105			7₹.	28 <del>\$</del>	7	12	45	123	187	
	110	. gariy		\$\$#\$	e, 📲 🤃	8	15	48	130	201	

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	n) at D	ifferer	nt Dep	ths (m	nsw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	5		-	-	-	-	-	-	-	2	Α
	10	-	-	-	-	-	-	-	-	2	С
	15	•	•	1	1		-	1	10	10	E
	20	•	-	•	•	•	-	5	10	15	F
	25	•			1	•	-	o,	10	19	G
	30	-	1	1	ı	•	4	8	14	26	ı
	35	-	•	1	•	*	6	8	24	38	J
	40	-	•	•	•	•	8	8	32	48	K
	45	-	-	-	-	3	6	10	38	57	М
36	50	-	-	-	-	4	7	10	46	67	N
30	55		*			<b>5</b>	· 7	13	.53	78	jugi sengger
	60		-			6	7	18	59	90	
	65		0.00 <u>1</u> -0		) <b>-</b>	6	8	22	66	102	
	70		18 g <b>=</b> 3		· 🔆	7	8	27	75	117	
	75	*	VII <del>.</del>		•	8	8	31	86	133	
	80				2	6	9	35	97	149	ALIO SA
	85		- 4		3	6	10	40	107	166	
	90			÷	3	7	13	42	118	183	
,	95			-	4	- 6	16	46	128	200	
	100	- <b>(</b>		105 (124) - 115 (124)	4	<b>7</b> -	19	୍50	136	216	nggarri A

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	n) at D	ifferer	t Dep	ths (m	isw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	5	-	-	-	-	-	-	-	-	2	Α
	8	-	-	-	•		-	•	•	2	В
	10	-	-	-	•	-	-	-	5	5	С
	15	-	-	-		-	-	4	8	12	E
	20	-	-	•		-	-	8	10	18	G
	25	-	-	-	-	•	5	7	11	23	Н
	30	-	-	-	-	-	7	8	22	37	J
	35	-	•		ŀ	3	6	9	30	48	K
	40	-	-	-	-	4	7	တ	39	59	М
39	45	-	•		•	6	7	10	47	70	N
	50		J	*** ***	<b>)</b>	7	7	15	53	- 82	
	55				2	<b>6</b>	8	20	61	97	
	60		-	**	3	- 6	8	25	70	112	
	65				.4	6	- 8	30	82	130	
	70				. 4	7	9	34	94	148	
	75		•		୍ର 5	6	<b>41</b> 1	39	106	167	
	80	***	-	-	<b>5</b>	×7	14	42	118	186	
	<b>85</b>				6	7	17	47	129	206	
	90			4849	- 6	8	20	52	138	224	
	7	-	-	-	-	-	-	-	-	2	В
	10	-	-	-	-	-	-	-	7	7	D
	15	-	-	-	-	-	-	6	9	15	F
Ì	20	-	-	-	-	-	4	7	10	21	G
	25	-	-	-	-	-	7	8	17	32	l
	30	-	-	-	-	4	6	8	28	46	К
	35	-	-	-	-	5	7	9	37	58	L
	40	-	-	-	-	7	7	10	46	70	N
40	45	-	-	-	3	5	8	16	53	85	0
42	50		<b>`</b>	-	- 4	6	8	21	62	101	
	55			44	5	6	- 8	27	73	119	
	60		3	900 s.	6	6	9	32	86	139	
	65			) ** <del>*</del> *	6	7	10	37	99	159	
	70				7	7	14	40	114	182	
	75			3	5	7	18	45	126	204	
	80			3	6	7	21	51	137	225	
	85			4	5	8	25	57	146		
	90	( ) ( ) ( ) ( )		4	6	8	28	65	152		
L	1 30	1		1 -	1 0		,	, ,,,			on 1006 SECUES

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	es‴(mir	n) at D	ifferer	nt Dep	ths (n	nsw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	7	-	-	-	-	-	-	-	-	3	В
	10	-	-	-	-	-	-	-	9	9	D
	15	-	-	-	-	-	-	8	9	17	F
	20	-	-	-	-	-	6	7	11	24	Н
	25	-	-	-	-	4	5	8	23	40	J
	30		•	1	•	6	6	9	34	55	K
	35		-	-	3	5	7	10	44	69	М
45	40	1	9	-	4	6	7	15	52	84	0
73	45				5	6	8	21	61	101	
	50				6	7	8	27	73	121	ajgest yir
	55			3	5	6	9	33	88	144	
1	60	-		3	- 5	7	12	38	103	168	
	65			<b>4</b> .	5	8	16	42	119	194	. Designativ
	70			-5	5	8	20	48	132	218	
	75	-		. 5	- 6	8	24	55	142	240	
	80			6	6	- 8	28	63	150	261	AND MALE
	6	-	-	-	-	-	-	-	-	3	В
	10	•	-	-	-	-	-	-	11	11	D
	15		•	-	-	-	4	6	10	20	G
	20	•	-	-	-	-	8	8	14	30	Н
	25	•	-	-	-	6	6	8	29	49	K
	30	ı	-	•	3	5	7	9	40	64	М
48	35	-	-	-	5	5	8	13	49	80	N
70	40			action graph (Table)	6	6	8	20	59	99	Hopere let
	45		<del></del>	3	5	6	9	26	72	121	A State of the property of the state of the
	50	- Page 197		4	5	7	9	33	88	146	jadon -
	- 55		îa≒j	- 5	. 5	7	13	38	105	173	jagarun -
	60			6	5	8	17	43	122	201	
	65		:= )	7	- 5	8	22	50	135	227	
	70	) (	3	4	6	8	26	58	146	251	

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom	Stop	Time	s (mir	n) at D	ifferer	it Dep	ths (m	isw)	Decom.	Repet.
(msw)	Time (min)	24	21	18	15	12	9	6	3	Time (min)	Group
	6	-	-	-	-	-	-	-	-	3	В
}	10	-		-	-	-	•	5	8	13	D
	15	-	•	•	1	•	5	7	10	22	G
	20	•	•	•	•	5	5	8	20	38	
	25	-	•	-	3	5	6	9	33	56	K
	30	•	•	-	5	5	7	10	46	73	М
51	35	-	-	3	4	6	8	18	55	94	0
] 31	40			- 4	<b>5</b>	∞6	- 8	26	68	117	
	45		•	ં 5	∞ 5	7	9	32	85	143	
	50	-		- 6	6	7	13	37	105	174	
İ	55	•	3	4	- 6	7	18	44	122	204	
	60		4	4	6	8	23	51	137	233	
	65		5	4	6	9	27	61	148	260	
	70		5	- 5	- 6	12	30	72	155	285	
	5	-	-	-	-	-	-	-	-	3	В
	10		-	-	-	-	-	6	9	15	Ε
1	15	-	-	-	-	-	7	7	11	25	Н
	20	•	-	-	-	6	6	8	25	45	J
ļ	25	-	-	-	5	5	7	9	39	65	М
54	30	-	-	3	4	6	7	15	50	85	0
J -	35			5	4	6	8	23	62	108	
	40	; ; ; <b>-</b> '	· •	6	5	7	9	30	80	137	
	45		4	4	<sub>0</sub> 5	7	13	36	101	170	
	50	100	- 4	5	- 5	- 8	18	42	121	203	
	55		5	- 5	6	8	23	51	137	235	endido Professional
	60		∞6	5	6	9	28	61	149	264	

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom		Stop	Time	s (mir	n) at D	ifferer	nt Dep	ths (n	nsw)		Decom.
(msw)	Time (min)	30	27	24	21	18	15	12	9	6	3	Time (min)
	5	. 133 <u>11</u> -14 13301-14		-						-	:: <del>-</del> :	3
	10			•		•		•		- 8	9	17
	15			****		•		4	5	7	11	27
	20		-	-		-	4	4	6	9	29	52
	25						7	5	7	10	44	73
57	30	-		-	-	5	4	6	8	19	55	97
	35				3	4	5	6	9	27	72	126
	40	-			4	4	5	7	11	35	93	159
	45				5	5	5	. 8	17	41	116	197
	50		4 (3) <del>(</del> 3)	3	3	5	6	8	22	50	135	232
L	55	- <del>-</del>		4	3	5.	7	9	27	61	149	265
	- 5	1000				1,800 (E. 20) 14   15 (E. 20)		4 ( <del>-</del>	•			<b>4</b>
	10			•		-	-	-		10	9	19
	15			2000 <del>-</del>		-	•	5	6	8	16	35
	20		30 <del>40</del> 33		-		5	5	6	10	33	59
60	25	•			•	5	4	5	7	14	48	83
80	30	-			3	4	4	6	9	23	62	111
	35	4 憲法	g.asy <b>≟</b> H.}		5	4	5	6	10	32	84	146
	40	in s	arab <del>e</del> û	: e	6	4	6	7	15	38	109	185
İ	45	- 10 <del>-</del> 10	34 <b>-</b> 0	4	3	5	6	8	21	47	131	225
	50	-	. * *	· 5	4	- 4	7	9	27	58	147	261
	- 5	-	25 BAL 19	ngogi <del>,</del> ng		i. <del>1984 L</del> ije 1984 gada Se			. (18 <del></del> 19	W.	5	5
	10		: ⊹ <b>≟</b> :	-	·***			_	5	6	10	21
	15							7	6	8	20	41
	20	41 88 64 4					7	5	7	9	39	67
63	25					6	4	6	8	17	52	93
03	30		4		5	4	4	7	- 8	28	71	127
	35			3	<b>3</b>	4	6	7	12	35	97	167
	40			4	4	4	6	8	19	43	123	211
	45			5	4	5	6	9	25	54	142	250
	50		3	3	4	- 6	6	13	29	70	154	288

TABLE 1: STANDARD AIR DECOMPRESSION (METRES)

Depth	Bottom		Stop	Time	s (mir	n) at C	ifferer	nt Dep	ths (n	nsw)		Decom.
(msw)	Time (min)	30	27	24	21	18	15	12	9	6	3	Time (min)
	5	-	-	-	-	-	•	-	-	- 2	7	7
	10	1	•	•	•	•		•	7	6	10	23
	15	1	J	•		-	4	5	5	9	24	47
	20	•	•			5	4	5	7	10	43	74
66	25		•		- 4	4	- 4	6	-8	21	58	105
	30		-	3	<b>3</b>	4	<b>5</b>	7	9	32	81	144
	35		-	5	3	4	6	7	16	39	110	190
	40		3	3	4	<b>4</b>	7	8	23	49	135	236
	45		- 4	- 3	4	- 5	7	<b>11</b>	28	65	151	278
	5	00. <b></b>									8	. 8
	10				<b>⊘.</b> €3			•	8	7	10	25
	15				×		6	4	- 6	. 9	28	53
69	20			•		6	4	6	7	12	47	82
09	25				6	3.	5	6	9	24	65	118
	30			. 5	3	4	<b>5</b>	7	12	35	. 93	164
	35		3	<b>3</b>	4	-4	- 6	8	19	44	123	-214
ĺ	40		5	3	4	5	6	9	27	57	146	262
	5		The state of the s		A CONTRACT	i più <del>s</del> i i			\$ <b></b>		9	9 -
	10	14	· ·			1948		4	5	7	<b>411</b> ,	27
	15	( <u></u>		30.00 <u>±</u> 33			7	5	6	9	32	59
72	20				- 4	4	4	5	8	16	50	91
72	25			4	3	4	୍ 5	6	9	28	73	132
	30	- S <del>-</del>		6	3	5	- 5	8	15	37	106	185
	35	2000000	- 5	ુ 3	4	4	6	9	23	49	135	238
	40	. 3	3	<b>3</b>	4	6	6	13	28	67	153	286

### TABLE 1S

· 1

# SHORT STANDARD AIR DECOMPRESSION (METRES)

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TABLE 1S: SHORT STANDARD AIR DECOMPRESSION (METRES)

Depth (msw)		o-Decon ottom Ti	•				ion Req mes (mi	
6	30 A 60 B 90 C 120 D	150 E 180 F 240 G 300 H	360 I 420 J 480 K 600 L	720 M ∞				
9	30 A 45 B 60 C 90 D	100 E 120 F 150 G 180 H	190 I 210 J 240 K 270 L	300 M	330 N 360 O	400	420	480
12	22 A 30 B 40 C	60 D 70 E 80 F	90 G 120 H 130 I	150 J	160 K 170 L 180 M	200	210	220
15	18 A 25 B	30 C 40 D	50 E 60 F	75 G	90 H 100 I	110 J 120 K	128 L	137 M
18	14 A 20 B	25 C 30 D	40 E	50 F	60 G	70 H 80 I	88 J	95 K
Decomp		Time	3 m	ısw	5	10	15	20
21	12 A 15 B	20 C	25 D	35 E	40 F	53 H	65 I	68 J
24	10 A 13 B	15 C	20 D	25 E	30 F	37 G	50 H	54 I
27	9 A	12 B	15 C	20 D	24 E	28 F	35 G	44 1
30	7 A	10 B	12 C	15 D	18 D	22 F	30 G	37 H
33		6 A	10 B	12 C	15 D	18 E	24 G	31 H
36		6 A	8 B	10 C	12 D	15 E	19 F	25 G
39			5 A	8 B	10 C	13 D	17 F	21 G
42			5 A	7 B	9 C	12 D	14 F	18 G
45			4 A	7 B	8 C	10 D	13 F	16 G
	Decompression Time			nsw		-	5	10
in minu	minutes at			3 msw		10	10	10

### TABLE 2

# IN-WATER OXYGEN DECOMPRESSION (METRES)

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TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (n	nin) at D	ifferent	Depths	(msw)	Decom.	
Depth (msw)	Time			Air			0,2	Time	Repet. Group
(	(min)	24	21	18	15	12	9	(min)	G. GOD
	75	**	•	•	•	-	-	1	G
	120	-	-	-	-	-	5	6	J
	130	-	-	-	-	-	10	11	J
	140	•	-	-	-	-	14	15	K
	160			•	•		19	20	
15	180				<u> </u>		23	24	
	200				•	•	27	28	
	220				-	-	31	32	
	240	-		e e e			35	36	
	260			1#4 <b>+</b> \$3			38	39	
	280						41	42	1,480,01,4046,01
	50	-	-	-	-	-	-	1	F
	80	-	-	-	-	-	5	6	Н
	90	-	-	-	-	•	10	12	J
	100	-	-	-	-	-	15	17	J
	110	-	-	-	-	-	19	21	K
18	120	-	•	-	-	-	22	24	K
10	140						28	-30	686, (5. a., 6.
	160				•	•	33	35	Capadegagagas
	180	2 de s <del>=</del> de la 2 de la 1	***			-	38	40	a transfer to the contract of
	200	100 <b>2</b> 00 100			•		43	45	Gjernson, en e
	220				_		48	50	
	240	√y\$ <b>-</b> 93\$					53	55	inemia.
O <sub>2</sub> stop tir	nes do not	include	ascent	time to	9 msw.				

1B - 25

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (m	nin) at D	ifferent	Depths	(msw)	Decom.	_
Depth (msw)	Time			Air			02	Time	Repet. Group
(111011)	(min)	24	21	18	15	12	9	(min)	<u>-</u> гоцр
	35	-	-	•	•	-		1	E
	50	-	-		•	8	6	8	G
	70	-	-	•	-	-	12	14	
	80	-	•		-		18	20	J
	90	-	•	•	1	•	23	25	K
	100	-	•	•	•	•	27	29	K
	110	÷			•	÷	30	<b>32</b>	
21	120	•	•	•	•		34	36	
~	130		•		•		37	39	
	140	-	•	•	•		41	43	
	150			•	8.8	•	44	<b>46</b>	
	160	-			· ·	-	47	49	
	170		•	•	-		51	53	
	180	-	•		-	-	54	- 56	
	190		· ·		•	-	57	59	
	200		<b>**</b> * *			•	60	62	
	25	-	•	-	-	-		2	E
	35	-	-	•	-	•	6	. 8	G
	50	-	-	-	-	-	8	10	Η
	55	-	-	-	-	-	12	14	Ξ
	60	-	-	-	-	•	16	18	I
	70	-	•	-	-	-	23	25	J
	80	-	•	-	-	-	28	30	K
24	90	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-	•	32	<b>34</b>	
	100	•	•	•	• 3	•	37	- 39	
	110		•				41	43	
	120	•			•		45	47	
	130	-	•		•		49	51	
	140		-		•	-	53	55	
	150						58	60	
	160		******	y recy			62	64	
O <sub>2</sub> stop ti	mes do no	t include	ascent	time to	9 msw.				

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (n	nin) at C	ifferent	Depths	(msw)	Decom.	_
Depth (msw)	Time			Air			02	Time	Repet. Group
(	(min)	24	21	18	15	12	9	(min)	Слоцр
	20	•	-	•	-	•	•	2	D
	25	-	•	•		•	5	7	E
	40	-	•	•	•	-	9	11	G
	45	-	•	•	-	-	11	13	Н
	50	-	-	•	•	-	17	19	Н
	55	-	•	•	•	-	22	24	1
27	60	•	-	•	•		25	27	J
	70					<u>-</u>	31	33	
	80				•	-	36	38	an and year
	90	-			-	-	42	44	
	00 t	• •	£	•		Ü	47	49	Marine est
	110				•	-	52	54	
7	120		*************************************				57	∴59	Lettyr mi
	15	-	-	-	-	-	-	2	D
	20	_	-	-	-	-	5	7	Е
	30	-	-	-	-	-	9	11	F
	35	-	•	•	-	-	10	12	G
	40	-	•	•	-	-	14	17	Н
	45					÷	20	22	Assessment of the
30	50		•		•	÷	25	27	1
	55	ngan ar 🚅 shaqi Taboga — 🚑	•	•	ė	•	29	31	
	60					-	32	34	ingsagt
	70		•		•	•	39	41	i de la company
	80				-	-	45	47	
	90		5	-	•	2	51	54	
<u>!</u>	1,00 <u> </u>	1988 <u>an</u> iwasi	a kalbeet	. Association	Nobel 666	1000 <b>2</b> 10	EC		do , , s · · · ·

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (n	nin) at D	ifferent	Depths	(msw)	Decom.	
Depth (msw)	Time			Air			02	Time	Repet. Group
(	(min)	24	21	18	15	12	9	(min)	
	12	-	-	•	•	•	•	2	С
	20	-	•	•	•	•	7	9	E
	25	-	-	•		•	9	11	F
	. 30	•	-		•	-	11	13	G
	35	•	-	ı	•	-	15	17	Н
	40	-	-	•	•	-	22	24	i
	45	-	-	•	•	-	27	29	J
	50	-	-	•	•	-	32	34	K
	55	-		-	-	-	36	38	K
33	- 60	· `**		***	<del>.</del>	<b>2</b>	39	42	
33	65	•		•	•	3	42	46	
	70	2	•	100 A	ı	4	46	51	
	75	•	1			4	49	54	
	80	-	ı	•		5	52	58	
	85	•	-	u S	~~ <b>~</b>	5	56	62	
	90	•	•		1	6	59	66	
	95	-	-	-		6	62	69	
	100	-		-		7	66	74	
	105	-	-	÷		7	69	77	
	110	- 4				- 8	73	82	

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	imes (n	nin) at D	ifferent	Depths	(msw)	Decom.	_
Depth (msw)	Time			Air			02	Time	Repet. Group
`	(min)	24	21	18	15	12	9	(min)	
	10	-	•	•	-	-	•	2	C
	15	-	-	-	-	-	- 5	7	E
	20	-	-	•	-	-	8	10	F
	25	-	-	-	-	-	11	13	G
	30	-	-		-	-	13	15	Н
	35	-	•	-		-	22	24	Н
	40	-	-	-	-	-	28	30	l
	45	-	-	-	-	3	33	37	J
:	50	-	-	-	-	4	37	42	K
36	55					5	41	47	
	60		•			6	45	52	nistra. Barbara seri
	65	-		Ų	-	6	49	56	Headpolisters of the
	70	<b>-</b>		•	•	7	52	60	
:	75		J	1	7	8	56	65	
	80	-	•	•	2	6	60	69	
	85	•	1	•	3	6	64	74	
	90				3	7	68	79	all growing pro
	95				4	6	72	83	jillyajasi sida -
	100	1 3 🕳 vitt		1300 to 1000 1300 <del>7</del> .888	4	7	76	88	to agree on the state of the st
O <sub>2</sub> stop tir	mes do not	include	ascent	time to	9 msw.			····	

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (m	nin) at D	ifferent	Depths	(msw)	Decom.	
Depth (msw)	Time			Air			Θ,	Time	Repet. Group
(111544)	(min)	24	21	18	15	12	9	(min)	Group
	8	-	-	-	-	-	•	2	В
	15	•	-	-	•	-	7	10	E
	20	-	-	-	-	-	10	13	G
	25		•	-	•	-	13	16	G
	30	-	-	-	•	-	21	24	Н
	35	•	•	•	-	3	28	32	1
	40	ı	•	ı	•	4	33	38	J
	45	•	•	-	-	6	38	45	L
39	50	-	1	•		7	42	50	
	55		<b>-</b>	ł	2	6	46	<b>5</b> 5	
İ	60	-	-	J	3	6	51	61	
	65	-	-	÷	4	6	55	66	
	70	•	-		4	7	59	71	
l	75	•		4 <b>9</b> 10	- 5	6	64	76	
	80		-	-	5	7	68	81	
	85		•	-	-66	7	73	87	
	90	i i i i i	i i i i i i i i i i i i i i i i i i i	::::::::::::::::::::::::::::::::::::::	- 6	8	78	93	
	7		-	-	_	-	•	3	В
	10	-	-	-	-	-	4	7	D
	15	-		-	-	-	8	11	D
	20	-	-	-	-	-	12	15	G
ĺ	25	-	-	-	-	-	17	20	Н
	30	-	-	-	-	4	26	31	1
	35	-	-	-	-	5	32	38	J
	40	-	_	-	•	7	37	45	K
40	45	-	-	-	3	5	43	52	М
42	50		Percentago (s.)	. 218 <del>-</del> 338	4	6	47	-58	
	55		*****		- 5	6	52	64	400000000
	60	•	<u>-</u>		6	6	57	70	
	65	No. 2	**************************************		<b>6</b>	7	62	76	
	70	•			7	7	67	82	
	75			3	· 5	7	72	88	
	80		-	· 3	6	7	77	94	
	85	-	•	4	- 5	8	83	101	
	90			4	6	8	89	108	
Or stop til	mes do not	include	1,000			ervergr 🐔 i		,	1,000,000,000,000,000,000

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (n	nin) at D	ifferent	Depths	(msw)	Decom.	
Depth (msw)	Time			Air			0,	Time	Repet.
(11/317)	(min)	24	21	18	15	12	9	(min)	Group
	7	-	-	-	-	-		3	В
	10	-		-	-	-	5	8	D
	15	-	•	-	-	-	10	13	F
	20	-	-	-	-	-	13	16	G
	25	-	•	-	-	4	22	27	Н
	30	-	•	•	-	6	30	37	1
	35	-	•	-	3	5	36	45	К
45	40	-	-	-	4	6	42	53	М
73	45	-		•	5	6	47	59	
	50		-		6	7	52	66	
	55			3	5	6	58	73	Santia.
	60		_	3	5	7	63	79	
	65		e e e e e e e e e e e e e e e e e e e	4	5	8	69	87	
	70		0	- 5	5	8	75	94	1.386 (1996) 1.386 (1996)
	75	-	9	5	6	- 8	81	101	
İ	80			- 6	6	8	87	108	
	6	-	-	-	-	-		3	В
	10	-	•	-	-	-	6	9	E
İ	15	•	-	•	-	-	11	14	F
	20	-	-	•	-	-	15	18	G
	25	-	-	-	•	6	26	33	1
	30	-	-	•	3	5	34	43	J
48	35	-	-	1	5	5	40	51	L
70	40	\$ 0.			6	6	46	59	T Barraga Prise
	45	-	<b>.</b>	. 3	5	6	52	67	agyajir i
	50	* <del>-</del>		4	。 <b>5</b>	7	58	75	
	.55		-	<b>5</b>	- 5	7	64	82	
	60	•		6	-5	8	70	90	of the state of
	65		. J	7	5	- 8	77	98	direction of the
	70		3	4	6	8	84	106	
O <sub>2</sub> stop tir	nes do not	include	ascent	time to	9 msw.				

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop T	īmes (m	nin) at D	ifferent	Depths	(msw)	Decom.	Donat
Depth (msw)	Time			Air			02	Time	Repet. Group
(111511)	(min)	24	21	18	15	12	9	(min)	u. oup
	6	-	-		-	-	-	3	В
	10	•	-	-	-	•	7	10	E
	15	•	•	•	•	•	12	15	G
	20	•	•		•	5	20	• 26	Н
	25	•	•	•	3	5	30	39	J
	30	•	-	•	5	5	38	49	K
51	35	-	•	3	4	6	44	58	M
	40	·	-	4	5	6	51	67	
	45		•	<b>∞</b> 5	5	7	57	75	
	50	•		6	- 6	7	64	84	
	55	•	3	- 4	6	7	71	92	
	60		4	<b>4</b>	<b>6</b>	8	78	101	
	65		5	4	6	. 9	86	111	
	70		5	- 5	- 6	12	93	122	
	5	_	-		-	-	-	3	В
	10	-	•	_	-	-	8	11	E
	15	-	-	-	-	-	14	18	G
	20	-	•	-	-	6	24	31	Н
	25	-	-	-	5	5	34	45	J
54	30	-	-	3	4	6	41	55	M
57	35		•	5	4	- 6	48	64	
	40	1	•	<b>6</b>	5	<b>7</b>	<b>855</b>	74	
	45	•	4	4	5	7	63	84	
	50	•	4	5	5	8	70	93	
	55	•	5	<b>5</b> -	- 6	8	78	103	
	60	-	· 6	- 5	- 6	. 9	- 86	113	
O <sub>2</sub> stop til	mes do not	include	ascent	time to	9 msw.				

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

Depth	Bottom	;	Stop Ti	mes (n		ifferen	t Depth	s (msw		Decom.
(msw)	Time				Air				02	Time (min)
	(min)	30	27	24	21	18	15	12	9	
	5	•	•	•	•	•	•	•	•	3
	10		•	-	-	·	•	-	9	13
	15	•	•	•		•	•	4	14	<b>19</b>
	20		-	-	-	•	4	4	28	37
	25	-	•	•	-	•	7	5	37	50
<b>57</b>	30	-	-	•	_	5	4	6	45	61
	35			**************************************	3	4	5	6	52	71
	40			•	4	4	5	7	60	81
	45	-	-	-	5	5	5	8	68	92
	50		•	3	3	- 5	6	8	77	103
	55			4	3	5	7	9	86	115
	5	96.1. Janear 9.88. G. 48		*** <b>*</b> *						<b>4</b>
	10	-			-	-	•		10	<b>14</b>
	15			-	1943			5	16	22
	20			*		-	5	5	31	42
60	25	- 1	-	-		5	4	5	40	55
60	30	1899		444 <del>-</del> 10	3	4	4	6	49	67
	35	*** <u>-</u> -,	-		5	4	5	6	57	78
	40				6	4	6	7	65	89
	45	<b>*</b>		4	3	-5	6	8	75	102
	50			5	4	4	7	9	84	114
	10	Y@n <b>⊒</b> ()			•	-	-	-	11	* 15
	15	.1894s <b>-</b> 18		-	-		•	7	21	29
	20	383 <b>+</b> 3		-	•	•	7	5	33	46
	25	: 300au <u>22</u> dag bru uare	-		-	6	4	6	43	60
63	30	- 4			5	4	4	7	52	73
	35	See See		3	3	4	6	7	61	85
	40			4	4	4	6	8	71	98
	45		•	5	4	5	6	9	81	111
	50		3	3	4	6	6	13	91	127

22 stop times do not include ascent time to 9 msw.

TABLE 2: IN-WATER OXYGEN DECOMPRESSION (METRES)

	Bottom	Stop Times (min) at Different Depths (msw)  Air  (min)  20   97   94   95   45   45   45													
Depth (msw)	Time				Air				02	Decom. Time					
	(min)	30	27	24	21	18	15	12	9	(min)					
	10	-	-	•	-	:::::: <u>-</u>	- ·	•	12	16					
	15	•	•		•	-	4	- 5	24	34					
	20	•	•	•		5	4	5	36	51					
66	25	-	-	-	4	4	4	6	47	66					
00	30	-	•	3	3	4	5	7	56	79					
	35			5	3	4	6	7.	66	92					
	40	•	3	3	-4	4	7	8	77	107					
	45	:	4	<b>3</b>	4	<b>5</b>	~ 7	11	88	123					
	10	÷	•			•			14	::18					
	15	•	•			•	6	4	27	38					
	20				-	6	4	6	39	56					
69	25		•	•	6	<b>3</b>	<b>5</b>	6	50	71					
	30		-	5	∞ 3	4	5	7	60	85					
	35	•	3	<b>3</b>	4	4	6	8	72	101					
	40		<b>5</b>	<b>3</b>	4	<b>5</b>	-6	9	84	117					
	5	•	•	***				•	4)	8					
	10	¥				•	•	4	14	/19					
	15	-		-	1	•	7	- 5	29	42					
72	20				4	4	4	5	42	60					
a des	25	4	-	- 4	3	4	- 5	6	53	76					
	30			<b>6</b>	3	5	- 5	8	65	93					
	- 35		5	ଃ	4	4	6	9	77	109					
	40	3	- 3	- 3	4	6	- 6	13	90	129					

# TABLE 2S

# SHORT IN-WATER OXYGEN DECOMPRESSION (METRES)

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TABLE 2S: SHORT IN-WATER OXYGEN DECOMPRESSION (METRES)

Depth (msw)		ecompre m Times				ion Requ mes (min	
15	30 C	50 E	75 G	120 J	130 J	145	165
18	20 B	30 D	50 F	80 H	90 J	100 J	115 K
21	15 B	25 D	35 E	47 F	67 H	74 I	84 J
24	10 A	20 D	25 E	34 F	53 H	58 H	65 I
27	9 A	15 C	20 D	26 E	42 G	48 H	53 I
30	7 A	10 B	15 D	21 E	35 G	40 H	45 I
33	6 A	10 B	12 C	17 D	29 G	35 H	38 H
36		6 A	10 C	15 D	24 G	30 H	33 H
39		5 A	8 B	13 D	20 G	27 G	29 H
42		5 A	7 B	11 D	18 F	24 G	26 H
45			7 B	10 D	16 F	22 G	24 H
48			6 B	9 D	14 F	20 G	21 H
51			6 B	8 C	13 E	18 G	20 H
54			5 B	8 C	11 E	16 G	18 G
	mpressi Oxygen a		min)	5	10	15	20

Note: Decompression stop times do not include ascent time to 9 msw.

# TABLE 3

# SURFACE DECOMPRESSION WITH OXYGEN (METRES)

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TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		8	Stop T	imes	(min)	at Dif	feren	t Depths (	msw)		
Depth	Bottom Time		In	-Wate	r Sto	ps		0	RCC	Decom. Time	Repet.
(msw)	(min)			<del>,</del>	ir			Surface Interval	02	(min)	Group
		80	70	60	50	40	30		40	` ,	
	50	•	-	-	-	-	•		•	1	F
	70	-	-	-	•	-	-		10	18	Н
	80	•	-	-	-	-	-	ء ا	16	24	Н
	90	-	-	-	-	-	-	m, ms,	20	28	1
	100	-	-	-	-	-	-	otto 3 12 es.	24	32	J
	110	-	-	-	-	-	-	the b	28	36	К
	120	-	-	-	_	-	-	or the hing 7 m	30	38	К
	130				33 <del>4</del> 0			reac eed	32*	45	एक्ट्रेन्स् अंबर्धः
	140	4	ŧ		•	ĵ.		w st ) to exc	38*	51	
18	150		•					ms ired not	42*	55	jakosi dagi.
	160							he 9 equ	46*	59	
	170							ng t o is r op n	50*	65	Garage
	180	* 🖢	<u>.</u>		<b>⊘</b> ÷:	<b>*</b>		eavi stor er st	54*	68	\$0.985.10
	190	y <del>y</del>		7				Time from leaving the 9 msw stop (or the bottom, no in-water stop is required) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	57*	70	Agail
	200						÷-	n-w. Cha	60*	73	A Section of the sect
	210		48.5 y			} <b>≋</b> +:		Tin To i	63**	81	
	220	•		1 ( <del>)</del>			. 4 (22 <u>4</u> ) 2 (3 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	<b>=</b>	69**	87	
	230	ika ⊈eii earaada	- - - -			•			73**	92	
	240			: ·					77**	95	
Note	: asterisi	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	air break	s required	<u> </u>	· · · · · · · · · · · · · · · · · · ·

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TABLE'3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	top T	imes	(min)	at Dif	ferent	Depths (r	nsw)		
Depth	Bottom Time		In-	-Wate	r Stop	os		Surface	RCC	Decom. Time	Repet.
(msw)	(min)			Α				Interval	02	(min)	Group
		80	70	60	50	40	30		40		
	35	-	-	-	-	-	-			1	E
	50	•	-	•	•	-	-	>	6	14	Н
	60	-	1	1	•	-	•	m, ms	15	23	Н
	70	-	-	-	-	-	•	e bottom, the 12 msw nutes.	21	29	ı
	80	-	-	-	-	-	-	he t g th inu	26	34	J
l	90	-	-	-	-	-	-	ort Shin 7 n	30	38	K
	100	-	•	-	-	-	-	the 9 msw stop (or the bott required) to reaching the 1: must not exceed 7 minutes	34*	47	K
	110	33500		10 <b>5</b> 1			moggin generalis	sw s I) to	40*	53	
21	120					****		9 ms sirect t no	45*	-58	
	130	- 3	•	-				the requ	50*	63	
	140	÷			<b>%</b> -3			ing p is top 1	55*	68	
	150		-	-	W.	-		leav sto er s	59*	72	
•	160		-					e from leaving n-water stop is Chamber stop	63**	81	
	170		200		44 <del>1</del>	****		Time from leaving the 9 msw stop (or the bottom, no in-water stop is required) to reaching the 12 m Chamber stop must not exceed 7 minutes.	71**	89	
	180		3 <del>5</del> 3						76**	94	See Advance Angelo (All 1981) (All 1982)
	190		-	•			-	<b>!</b> =	81**	99	
	200	s(cappa	\$\$ <del>-</del> \$		***		1		85**	104	ki skápi
Note	e: asteris	k (*) i	ndica	tes nu	ımbei	of 5	minut	e air breal	ks require	d.	

#### **AIR DIVING TABLES**

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

			Stop T	imes	(min)	at Di	feren	t Depths (i	msw)		
Depth	Bottom Time		ln	-Wate	r Sto	ps		0	RCC	Decom. Time	Repet.
(msw)	(min)			Α	ir			Surface Interval	O <sub>2</sub>	(min)	Group
		80	70	60	50	40	30		40		
	25	•	ı	-	-	-	-	3	•	2	E
	45		1	-	-	-	-	E,E	12	20	Н
	50	•	-	-	-	-	-	otto e 12 es.	17	25	Н
	55	•	ı	-	-	-	-	the 9 msw stop (or the bottom, required) to reaching the 12 msw must not exceed 7 minutes.	21	29	Н
	60	-	ı	-	-	-	-	or t 7 n	24	32	l
	70	-	ı	•	•	-	-	rea read	30	38	J
	80	-	-	-	-	•	-	sw s ) to exc	35*	48	K
24	90	्र	•	:		_		9 ms lired t not	42*	55	Brandy Trade Co. Pages 1800
	100	1	•		•		2	the frequence	47*	ି2େ	Transport de la composition La composition de la composition de la composition de la composition de la composition de la composition de la La composition de la composition de
	110			•	•	1	2	ing p is op r	53*	68	机桶温机
	120	3.7				•	- 3	e from leaving the 9 msw stop ( n-water stop is required) to reac Chamber stop must not exceed	58*	74	y Y BESS
	130	•	•				4	om ater	52**	84	88
	140	4 <del>4</del> 3	<b>.</b> -				4	Time from leaving no in-water stop is Chamber stop i	72**	94	and a second
	150	-	•			96 3 🚅 200 96	.5	i 5	78**	101	Bigine).
	160	(1) <del> </del>   (1)	*** <b>;</b>			- <del>-</del> -	5	Ħ	84**	107	and an
Note	: asterisl	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	air break	s required	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	top T	imes	(min)	at Dif	ferent	Depths (	nsw)		
Depth	Bottom		In-	Wate	r Stop	os			RCC	Decom. Time	Repet.
(msw)	Time (min)			Α	ir			Surface Interval	O <sub>2</sub>	(min)	Group
	()	80	70	60	50	40	30	n ne. var	40		
	20	-	-	-	-	-	•		•	2	D
	35	-	-	-	-	-			8	16	G
	40	-	-	•	•	•	•		16	24	G
	45	-	-	•	•	•	-	ired)	21	29	. Н
	50	-	-	-	•	•	-	equi	25	33	Н
	55	-	-	-	•	•	1	is r nute	28	37	1
27	60	-	•	•	•	-	2	om leaving the 9 msw stop (or the bottom, if no in-water stop is rectored to reaching the 12 msw Chamber stop must not exceed 7 minutes.	30*	45	J
	70	: <b>:</b>	1	<b>.</b>		-	3	ater	37*	53	
	80		•	1	•		4	n-wa	45*	62	
	90		•	4			<b>5</b>	no i	52*	70	
	100	-	-	•		-	6	n, if ust	58*	77	
	110		•	•			7	otto E d	65**	90	22.0
	120						ິ8	r stc	74**	100	
	15	-	-	-	-	-	-	e de de de de de de de de de de de de de	-	2	D
	30	-	-	•	-	-		9 2 2 3 8	8	16	G
	35	-	-	-	-	-	-	w st	17	25	G
	40	-	-	-	-	-	2	2 m	22	32	Н
	45	-	-	_	-	-	3	Б Б 1	27	38	1
	50	-	-	-	-	•	4	ng t	30	42	i
30	55	-	-	-	<u> </u>		5	achi	31*	49	J
	60		•				6	E G	37*	56	
	70			•			7	me from leaving the 9 msw stop (or the bottom, if no in-water stop is required) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	46*	66	
	80	-	W.5	-		<b>***</b> **		Ē	54*	75	
	90			•		2	8		60*	83	***************************************
	100	Ĵ	. ÷	-	100 miles	3	- 8	1	72**	101	
	110		•	( ne-	- 1. A <u></u> .		ଃ	<u> </u>	81**	411	
Not	e: asteris	sk (*)	indica	tes n	umbe	r of 5	minu	e air brea	ks require	d.	

#### AIR DIVING TABLES

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

	_	S	Stop T	imes	(min)	at Dif	feren	t Depths (ı	nsw)		
Depth	Bottom Time		In		r Sto	os		Surface	RCC	Decom. Time	Repet.
(msw)	(min)				ir			Interval	O <sub>2</sub>	(min)	Group
		80	70	60	50	40	30		40		
	12	•	-	-	-	-	-		•	2	С
	25	-	•	ŧ	-	•	-		7	15	G
	30	•	1	1	-	ı	2	- ≥	16	28	G
	35	1	•	•	-	•	3	m, msi	22	33	Н
	40	•	1	•	1	•	5	otto e 12 tes.	27	40	1
	45		•	•	•	•	6	he b g th ninul	30*	49	J
	50	-	1	1	1	•	7	or t chin	35*	55	K
	55	-	-	-	-	-	8	top rea	40*	61	K
	60	- 2 <u>-</u> - 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2	Jor <u>+</u>			2	7	ie from leaving the 9 msw stop (or the bottom, n-water stop is required) to reaching the 12 m Chamber stop must not exceed 7 minutes.	45*	67	
33	65		•	•	•	3	7	9 m sirec t no	50*	73	, Astron
	70	÷		i 💞		4	~ 7	the requ	54*	78	
	75				åå <del>,</del>	4	ි 8	Time from leaving no in-water stop is Chamber stop i	59*	84	
	80	(1) <del>2</del>				5	8	leav r sto er s	60**	91	
	85	7	-			5	ે 9	om atei	69**	101	
	90	•	•		•	6	9	ine fr Ch.¥	75**	108	na i Deed Lave y Discharge was se
	95	5			-	6	9	Time from leaving the 9 msw stop (or the bottom, if no in-water stop is required) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	80**	113	
	100		_		•	7	9	) <u>=</u>	B5**	119	gradera. Sinsia
	105				•	7	12		89**	126	
	110	A. S. S. S. S. S. S. S. S. S. S. S. S. S.	•		*& <del>`</del> =:,	8	15		93***	139	proposition (
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 i	minute	e air break	s require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	top T	imes	(min)	at Dif	ferent	Depths (	msw)		
Depth	Bottom Time		In		r Stop	os		Surface	RCC	Decom. Time	Repet.
(msw)	(min)			A				Interval	O <sub>2</sub>	(min)	Group
		80	70	60	50	40	30		40		
	10	-	-	•	-	-	-		*	2	C
	20	-	-	-	-	-	-	_	7	15	F
	25	-	-	-	-	-	2	ı, nsw	13	23	G
	30	-		1	ŧ	-	4	ttorr 12 r S.	21	33	G
	35	-	-	-		-	6	bo the	27	41	Н
	40	-	-	-	-	-	8	r the ing	30*	51	I
	45	-	-	-	-	3	6	p (o ach ed 7	36*	58	J
	50	-	-	-	-	4	7	sto to re xce	42*	66	K
26	55	•	- 4			- 5	7	nsw ed) ( ot e	48*	73	
36	60		•	-		6	7	9 P r quire	53*	79	
	65	30000 		•		6	8	s red	58*	85	
	70	4				7	8	aving op i stop	60**	93	
	75		-	-	, (1) <del>-</del> (1)	8	8	n lea er st ber	70**	104	11 22 22 23 23 2
	80		4		2	6	9	fron wat	76**	111	
	85				3	6	10	Time from leaving the 9 msw stop (or the bottom, if no in-water stop is required) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	82**	119	
	90	-			3	7	13	i ii	87**	128	
	95		-		4	6	16		90**	134	
	100		٠٠٠٠ پ <u>د</u>		4	7	19		100***	153	
Note	e: asteris	k (*) i	ndica	tes ni	ımber	of 5	minut	e air brea	ks require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	top T	imes	(min)	at Di	feren	t Depths (	msw)		
Depth	Bottom Time		In	-Wate	r Sto	ps		Conford	RCC	Decom. Time	Repet.
(msw)	(min)			Α	ir			Surface Interval	02	(min)	Group
		80	70	60	50	40	30		40	,	
	8	-	-	-	-	-	-		•	2	В
	20	-	-	-	•	-	-	, SI	æ	16	G
	25	-	1	-	-	-	5	tom 12 m	18	31	G
	30	-	-	•	-	-	7	the bottom, ng the 12 m minutes.	26	41	Н
	35	-	-	-	-	3	6	r the ing 1	30*	52	1
	40	-		-	•	4	7	p (o ach ed 7	36*	60	J
	45	-	-	-	•	6	7	Time from leaving the 9 msw stop (or the bottom, if no in-water stop is required) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	43*	<b>6</b> 9	K
39	50		•			7	7	msw ed) i ot e	49*	76	
39	55				2	6	8	e 9 r quir st n	54*	83	
	60				3	6	8	gthe sre	60*	90	
	65	-			4	6	8	Time from leaving the 9 no in-water stop is requir Chamber stop must r	67**	103	
	70	÷			4	7	9	n leg er si iber	75**	113	
	75				5	6	11	fror wat ham	81**	121	property of the
	80	25	-		- 5	7	14	ine Sir	87**	131	ginge 14
	85		•	• •	6	7	17	± ± 1	90***	143	agen har
	90			**	6	8	20		101***	158	
Note	: asteris	k (*) ir	ndicat	tes nu	mber	of 5	minute	e air break	s require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	top Ti	imes (	(min)	at Diff	erent	Depths (r	nsw)	Decem	
Depth	Bottom Time		ln-	-Wate	r Stop	os		Surface	RCC	Decom. Time	Repet.
(msw)	(min)			Α				Interval	O2	(min)	Group
		80	70	60	50	40	30		40		
	7	-	-	-	-	-	-	,	•	3	В
	15	-	-	-	-	-	-	3	7	15	F
	20	-	-	-	-	-	4	m, ms	12	24	G
	25	-	-	•	-	-	7	e 12 tes.	23	38	Н
	30	-	-	-	-	4	6	the 9 msw stop (or the bottom, required) to reaching the 12 msw nust not exceed 7 minutes.	30	48	1
	35	-	-	•	-	5	7	(or t chin	34*	59	J
	40	-	•	-	-	7	7	w stop (or ) to reachi exceed 7	42*	69	K
	45	-	-	-	3	5	8	sw s 1) to	49*	78	М
42	50			- 8 8 <b>4</b>	- 4	6	8	9 m; uirec t no	55*	- 86	
	55		•		5	6	8	Time from leaving the 9 msw stop (or the bottom, no in-water stop is required) to reaching the 12 m Chamber stop must not exceed 7 minutes.	60**	97	
	60		5325.c 5325.c - 2325.c	287 <b>-</b> 33	6	6	9	ing p is top I	70**	109	May be suffered
	65	-			6	7	10	leav sto er s	78**	<b>119</b>	
	70		90001824		7	7	14	ne from leaving in-water stop is Chamber stop i	84**	130	
	75			3	- 5	7	18	Gh. Fr	90**	141	
	80		•	3	6	7	21		100***	160	
	85			4	5	8	25	:=	107***	172	
	90	4-1		4	6	-8	28	1	113***	182	
Not	e: asteris	sk (*) i	ndica	tes n	ımbei	of 5	minut	e air brea	ks require	ed.	

#### AIR DIVING TABLES

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	Stop T	imes	(min)	at Dif	feren	t Depths (	msw)		
Depth	Bottom			-Wate				(	RCC	Decom.	Repet.
(msw)	Time (min)				ir			Surface Interval	02	Time (min)	Group
	(,	80	70	60	50	40	30	IIILGIVAI	40	()	
	7	-	-	-	-	-	-		•	3	В
	15	1	1	-	-	-	-		8	16	G
	20	ı	ı	-	•	-	6		17	31	G
	25	1	-	-	-	4	5		27	44	Н
	30	-	1	-	-	6	6	8S.	30*	55	I
	35	1	1	-	3	5	7	o is inut	40*	68	К
	40	•	•	-	4	6	7	stoj 7 m	48*	78	M
45	45	÷	•		5	6	8	ater eed	55*	87	
	50			-	6	7	8	in-w exc	60**	99	
	55		<b>.</b>	3	.5	6	9	no not	72**	113	grant in the
	60			3	.5	7	12	m, if nust	80**	125	Sagna Ja
	65	· .		4	- 5	8	16	otto n dc	87**	138	jya nyatawa n
	70	1900 1400 1500	J	5	5	8	20	ne b er ste	95***	156	The Mary Mary Mary Mary Mary Mary Mary Mary
	75	<b>.</b>	-	5	6	8	24	or the	105***	171	
	80	-		6	6	8	. 28	op ( Cha	111***	182	<del>Örrö</del> rriya
	6	•	1	•	-	-	-	me from leaving the 9 msw stop (or the bottom, if no in-water stop is ired) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	•	3	В
	15	1	1	1	•	•	4	ms 12 m	7	19	G
	20	-	1	1	•	-	8	he 9 he 1	21	37	G
	25	-	•	-	-	6	6	ng t ing t	30	50	ı
	30	ı	-	-	3	5	7	eavi	37*	65	J
	35	-	-		5	5	8	om i	46*	77	L
48	40	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	14	*	6	6	8	ne fra ed) t	54*	87	N System
	45			3	5	6	9	Tirr requir	60*	96	
	50		>** <del>*</del>	4	- 5	7	9	ē	72**	115	
	55		·	5	5	7	13		81**	129	
	60	-		6	ି 5	8	17		88**	142	Taggedon, car
	65		•	7	- 5	-8	22		99***	164	ya, ya Yasa Majaran
	70	- 1	ું 3	4	6	8	26		108***	178	r po regulariza. Sprine i sa
Note	: asteris	k (*) ir	ndicat	es nu	mber	of 5 r	ninute	air break	s require	d.	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

		S	top T	imes	(min)	at Dif	ferent	Depths (	msw)		
Depth	Bottom Time		In	-Wate	r Stop	os		Curface	RCC	Decom. Time	Repet.
(msw)	(min)			Α				Surface Interval	O <sub>2</sub>	(min)	Group
		80	70	60	50	40	30		40		
	6	-	-	-	-	-	-		-	3	В
	10	-	-	-	-	-	-		6	14	D
	15	-	•	•	-	•	5		11	24	G
	20	•	-	-	-	5	5	9S.	25	43	Н
	25	-	-	-	3	5	6	p is inut	30*	57	J
	30	-	-	-	5	5	7	sto 7 m	42*	72	K
51	35	-	•	3	4	6	8	Time from leaving the 9 msw stop (or the bottom, if no in-water stop is required) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	51*	85	М
31	40	-		4	ି 5	6	ଃ	in-w exc	60*	96	
	45	-	-	5	5	7	9	not not	70**	114	
	50			6	6	7	13	n, il iust	80**	130	
	55		3	4	6	7.	18	ottor op n	89**	145	
	60	-	4	4	6	8	23	e bo	101***	169	rinistraj.
	65		5	4	6	9	27	or th mbe	110***	184	
	70		- 5	5	6	12	30	op ( Cha	117***	<b>198</b> 1	
	5	-	-	-	-	-	-	w st	-	3	В
	10	•	-	-	-	-	-	ms 2 m	7	15	E
1	15	-	-	-	-	-	7	ne 9 he 1	15	30	G
:	20	-	-	-	-	6	6	ng ti ng t	28	48	Н
	25	-	-	-	5	5	7	eavi achi	36*	66	J
54	30	-	-	3	4	6	7	o re	47*	80	М
54	35	: <u>\$</u>		5	4	6	8	e fr d) t	56*	92	
	40			6	5	7	9	F F	66**	411	
	45		4	4	. 5	7	13	₫	78**	129	
	50	-	4	5	5	8	18		88**	146	out yes, m
	55		5	5	6	8	23		101***	171	
	60		6	୍ର 5	6	9	-28		110***	187	
Note	e: asteris	k (*) i	ndica	tes nu	ımber	of 5	minut	e air breal	ks require	d.	

#### AIR DIVING TABLES

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

			S	top T	imes	(min)	at Dif	feren	t Dep	ths (msw)	:	
Depth	Bottom Time			In	-Wate	er Sto	ps			Surface	Hee	Decom. Time
(msw)	(min)					ir		····		Surface Interval	O <sub>2</sub>	(min)
		30	27	24	21	18	15	12	9		12	
	5	•	•		-		•	Ě			•	<b>∂∌3</b> (
	10		•		•	•	-	•			8	16
	15	3	•	•	-	•		4	5		19	36
	20		-	•	-		4	4	6		30	54
	25		÷		•	•	7	5	7		41*	73
57	30		•		•	5	4	6	8	es.	52*	- 88
	35			•	3	4	<b>5</b>	6	9	p is inut	60*	100
	40		•	•	4	4	5	7	11	rsto 7 m	75**	124
	45	1			- 5	5	5	8	17	ater eed	85**	143
	50	3	ŭ	3	3	5	6	8	22	exc.	99***	169
	55		1	4	3	5	7	9	27	13 13 13 14	110***	188
	5			÷ 😩		ੁ				n, il iust	-	4
	10		•							ottor op rr	9	17
	15		•		•			5	6	e bo	22	41
	20	. 2	-	2			- 5	5	6	r th	31*	60
60	25	2000 2000 2000 2000 2000 2000 2000 200	•			5	4	5	7	라 (C	45*	79
	30		-		3	4	4	6	9	n ste Sw (	56*	<i>9</i> 5
	35			-	5	4	5	6	10	ms 2 m	69**	117
	40				6	4	6	7	15	9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	82**	138
	45	<b>.</b>	-	4	3	5	6	8	21	agt Tigt	92***	:162
	50	<b>∴</b>		- 5	4	4	7	9	27	avir	108***	187
	્ર10	a Signal		<b>.</b> • ∴		: <u>.</u>		÷	5	from leaving the 9 msw stop (or the bottom, if no in-water stop is ) to reaching the 12 msw Chamber stop must not exceed 7 minutes.	7	20
	15				100 m 100 <del>-</del> 100 m 100 - 100 m			7	6		25	46
	20		-	-		- 3	7	5	7	Time f required)	36*	68
	25					6	4	6	8	. 5	49*	86
63	30	-		- L	5	4	4	7	8		60*	101
	35			3	3	4	6	7	12		76**	129
	40	•	-	4	4	4	6	8	19		88**	151
	45	-	•	5	4	5	6	9	25		105***	182
	50		3	3	4	6	6	13	29		116***	203
Note		k (*) i	3.27							s required	000000000000000000000000000000000000000	

TABLE 3: SURFACE DECOMPRESSION WITH OXYGEN (METRES)

			S	top T	imes	(min)	at Dif	feren	t Dep	ths (msw)		
Depth	Bottom Time			In	-Wate		ps			Surface	RCC	Decom. Time
(msw)	(min)				Α				<del>,</del>	Interval	O <sub>2</sub>	(min)
		30	27	24	21	18	15	12	9		12	
	10	•	•	•		-	•		· 7		7	22
	15		•	•	•	•	4	5	5		28	50
	20	•	•	-	Son in the second	<b>5</b>	4	5	7		40*	74
66	25		•	•	4	4	4	6	8		54*	93
	30		•	3	<b>3</b>	4	5	7	9	9 v	68**	117
	35	_	-	5	3	4	6	7	16	ig th	83**	142
·	40	-	3	3	- 4	4	7	8	23	rië jë	99***	174
	45		4	3	4	- 5	7	ะป	28	rea ed 7	112***	197
	10				<b>***</b>				8	to co	11	27
i	15				- 3		6	4	6	stop not e	30	54
	20	•		-		6	- 4	6	7	nsw Jst r	44*	- 80
69	25	÷	-		6	3	5	6	9	9 m	58*	100
	30	-	-	5	3	4	5	7	12	sto	75**	129
	35		3	3	4	4	6	8	19	wing iber	89**	154
	40		5	3	- 4	- 5	6	9	27	ı lea ham	107***	189
	10	931 <u>8</u> 3			5 1 3 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	(1) <del>(1</del> )		4	- 5	Time from leaving the 9 msw stop to reaching the 12 msw Chamber stop must not exceed 7 minutes	14	31
	15	-			: ***		7	- 5	6	me ms	30*	61
	20	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			4	4	4	5	8	<b> </b>	48*	86
72	25			4	3	4	5	6	9		60**	109
	30	-	-	6	3	- 5	5	8	15	1	80**	140
	35		5	3	4	4	6	9	23	1	98***	175
	40	3	3	3	4	6	6	13	28	1	114***	203
Note	e: asteris	k (*) i	ndica	tes n	ımbe	r of 5	minut	e air	break	s required	1.	

### **TABLE 4**

# REPETITIVE DIVING (METRES)

- A. REPETITIVE FACTORS/SURFACE INTERVALS TABLE
- B. NO-DECOMPRESSION REPETITIVE DIVING TABLE

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TABLE 4: REPETITIVE DIVING (METRES)

Repet.		Re	petitive	Factors	(RF) fo	or Surfa	ace Inte	rvais (S	l) in hr:	min	
Group (RG)	0:15 → 0:29	0:30 → 0:59	1:00 → 1:29	1:30 → 1:59	2:00 → 2:59	3:00 → 3:59	4:00 → 5:59	6:00 → 8:59	9:00 →11:59	12:00 →14:59	15:00 →18:00
Α	1.4	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
В	1.5	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0
С	1.6	1.4	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
D	1.8	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0	1.0
E	1.9	1.6	1.5	1.4	1.3	1.3	1.2	1.2	1.1	1.1	1.0
F	2.0	1.7	1.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.0
G	-	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.1	1.0
H			1.9	1.7	1.6	1,5	1.4	1.3	1.1	1.1	1.1
ı	•	•	2.0	1.8	1.7	1.5	1.4	1.3	1.1	1.1	1.1
J			•	1.9	1.8	1.6	1.5	1.3	1.2	1.1	1.1
K	-	-	-	2.0	1.9	1.7	1.5	1.3	1.2	1.1	1.1
L	•	•	•		2.0	1.7	1.6	1.4	1.2	1.1	1.1
M	•	•	•	-	•	1.8	1.6	1.4	1.2	1.1	1.1
N	•	•				1.9	1.7	1.4	1.2	1.1	1.1
0	-	•	•	-	-	2.0	1.7	1.4	1.2	1.1	1.1

B. NO	O-DEC	OMPR	ESSIO	N REP	ETITIV	E DIVII	NG TAI	BLE		
Depth		Allo	wable N	lo-D Lin	nits (min	) for Rep	etitive F	actors (	RF)	
(msw)	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0
9	272	250	230	214	200	187	176	166	157	150
12	136	125	115	107	100	93	88	83	78	75
15	60	55	50	45	41	38	36	34	32	31
18	40	35	31	29	27	26	24	23	22	21
21	30	25	21	19	18	17	16	15	14	13
24	20	18	16	15	14	13	12	12	11	ា្ន។
27	16	14	12	11	11	10	9	9	8	8
-30	13	11	<b>,10</b>	. 9	9	8	8	7	7	<b>.</b> 7
33	10	9	8	8	7	7	6	6	6	6
36	8	7	7	<b>6</b>	6	6	5	5	5	<b>5</b>
<b>3</b> 9	7	6	6	5	5	5	4	4	4	4
42	-6	5	5	5	4	4	4	3	3	. 3
45	5	5	4	4	4	3	3	3	3	3

# TABLE 5

# DEPTH CORRECTIONS FOR DIVING AT ALTITUDE (METRES)

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TABLE 5: DEPTH CORRECTIONS - DIVING AT ALTITUDE (METRES)

Actual			Depth	Correct	ion at Ali	titude (m	etres)	<del></del>	
Depth	100	300	600	900	1200	1500	1800	2100	2400
(metres)	→ 299	→ 599	→ 899	→ 1199 - 0	<del> </del>	→ 1799			
9 12	+0	+3	+3	+3	+3	+3	+3	+6	+6
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	+0	<b>+3</b>	+3	· +3	+3	+3	<b></b> +6	+6	+6
15	+0	+3	+3	+3	+3	+6	+6	+6	+6
18	+0	+3	+3	<b>+3</b>	+6	<b>+6</b>	+6	+6	+9
21	+0	+3	+3	+3	+6	+6	+6	+9	+9
24	+0	+3	+3	+6	+6	+6	+9	+9	+12
27	+0	+3	+3	+6	+6	+6	+9	+9	+12
30	+0	+3	+3	+6	+6	+9	<b>⊬9</b>	+9	+12
33	+0	+3	+6	+6	+6	+9	+9	+12	+15
-36	+0	+3	+6	<b>+6</b>	+6	+9	·+9	+12	+15
39	+0	+3	+6	+6	+9	+9	+12	+12	+15
42	+0	+3	<b>+6</b>	+6	+9	- +9	+12	+12	+18
45	+3	+3	+6	+6	+9	+9	+12	+15	+18
48	+3	<b>∔</b> 6	+6	+9	+9	+12	+12	+15	+18
51	+3	+6	+6	+9	+9	+12	+15	+15	+21
54	ુ+3	<b>∔</b> 6	+6	ુ+9	+9	+12	+15	+15	
57	+3	+6	+6	+9	+12	+12	+15		
60	+3	+6	⊹+6	9 +	+12	+12			Programa in the second
63	+3	+6	+6	+9					
66	+3	+6							386.
69	+3								
Sea Level		Actua	l Decom		Stop De	pth at Al		etres)	
Stop Depth (metres)	100 → 299	300 → 599	600 → 899	900 → 1199	1200	1500 → 1799	1800 → 2099	2100 → 2399	2400 → 3000
	3.0	<b>3.0</b>	3.0	3.0	3.0	2.5	2.5	2.5	<b>2.5</b>
6	6.0	6.0	6.0	5.5	5.5	5.0	5.0	5.0	4.5
9	9.0	9.0	8.5	8.5	8.0	7.5	7.5	7.0	7.0
12	12.0	12.0	11.5	11.0	10.5	10.0	10.0	9.5	9.0
15	15.0	14.5	14.0	13.5	13.0	12.5	12.0	12.0	11.5
18	18.0	17.5	17.0	16.5	16.0	15.0	14.5	14.0	13.5
21	21.0	20.5	20.0	19.0	18.5	17.5	17.0	ļ	
24	24.0	23.5	22.5			1975 4 1977		16.5	16.0
	<del></del>	ļ.,	ļ	21.5	21.0	20.0	19.5	19.0	18.0
27	27.0	26.0	25.5	24.5	23.5	22.5	22.0	21.0	20.0

# **APPENDIX C**

# **WORKSHEETS**

### REPETITIVE DIVING WORKSHEET (FEET)

FIF	RST DIVE:			
	fsw/	min	Table U	sed
.1:	st Dive Repetitive	Group		
SE	COND DIVE:			
	SIhr	min	RF	(Table 4A)
	Depth	fsw	Table Us	ed
	Allowable No-D L	imit (Table 4	B)	min
	Planned Bottom	Time (BT)		min
	EBT = (RF)	x (BT)	<b>=</b>	
	Decompression i	required:	Yes	No
DE	COMPRESSION S	CHEDULE: _	fsw/(EB	Γ)min
	fsw	min		
	fsw	min		
	fsw	min	O <sub>2</sub> Stop (	if required)
	fsw	min	fsw	/min
2nd	d Dive Repetitive C	Broup	_(from Table U	sed)
<b>2</b> t	nd Dive Adjusted F	Repetitive Gro	oup	
NO	OTE: If the BT exceed	s the allowable	No-D I imit in TAb	e 4B but the

NOTE: If the BT exceeds the allowable No-D Limit in TAble 4B, but the EBT is less than the No-D Limit in Table 1S, a 5 - minute decompression stop at 10 fsw is required.

# REPETITIVE DIVING WORKSHEET (METRES)

FIR	ST DIVE:			
	msw/	min	Table U	sed
15	st Dive Repetitive	Group		
SE	COND DIVE:	•		
	SIhr	min	RF	(Table 4A)
	Depth	msw	Table Us	ed
	Allowable No-D L	imit (Table 4E	3)	min
	Planned Bottom	Time (BT)	<b>W</b>	min
	EBT = (RF)	x (BT)	=	
	Decompression	required:	Yes	No
DE	COMPRESSION S	CHEDULE:	msw/(EB	T)min
	msw _	min		
	msw _	min		
	msw _	min	O <sub>2</sub> Stop	(if required)
	msw _	min	ms	wmin
2nc	d Dive Repetitive G	aroup	(from Table U	lsed)
2r	nd Dive Adjusted F	Repetitive Gro	up	
E	OTE: If the BT exceed BT is less than the No- op at 10 fsw is required	D Limit in Table	No-D Limit in TAb 1S, a 5 - minute o	le 4B, but the decompression
	<del></del>			

### ALTITUDE DIVING WORKSHEET (FEET)

ALTITUDE OF DIVE	SITE		<del></del>	ft
ACTUAL DEPTH OF	DIVE	(a)	<del></del>	fsw
DIVE DEPTH CORRE	CTION	(b)	+	fsw
EFFECTIVE DEPTH (	(ED)	(a+b)	•	fsw
BOTTOM TIME (BT)				min
Schedule Required (	ED/BT)		_fsw/	min
Table Used _				
ALTITUDE DECOMP	RESSION S	CHEDUL	E	
Sea Level Stop Depth	Actual Stop Depth	I		Stop Time
Stop Depth		fsw	•	Stop Time
Stop Depth	Stop Depth			-
Stop Depth 50 fsw	Stop Depth	.fsw		min
Stop Depth 50 fsw 40 fsw 30 fsw	Stop Depth	fsw fsw		min
Stop Depth 50 fsw 40 fsw 30 fsw 20 fsw	Stop Depth	fsw fsw fsw fsw		min min min
Stop Depth 50 fsw 40 fsw 30 fsw 20 fsw	Stop Depth	fsw fsw fsw fsw		min min min

# ALTITUDE DIVING WORKSHEET (METRES)

ALTITUDE OF DIVE	SITE		<del></del>	m
ACTUAL DEPTH O	FDIVE	(a)		msw
DIVE DEPTH CORF	RECTION	(b)	+	msw
EFFECTIVE DEPTH	I (ED)	(a+b)		msw
BOTTOM TIME (BT	)			min
Schedule Required	(ED/BT)		_msw/	min
Table Used				
ALTITUDE DECOM	PRESSION	SCHEDU	LE	
Sea Level Stop Depth	Actual Stop Dep			Stop Time
15 msw		msw		min
12 msw	<del></del>	msw	•	min
9 msw		msw	. <u> </u>	min
6 msw		msw		min
3 msw		msw		min
O <sub>2</sub> Stop	<del></del>	msw		min
Repetitive Group	)			

DIVER	Rank		Tender			Rank		Date :	
DIVER	Rank		Tender			Rank		Table Used	
SUPERVISOR	Rank		Schedule	Used		02%		Depth in FT	Bottom Time
Left surface (Clock Time)	Left bot	tom	<u> </u>	Max Time to	1st Stop	Reache	d surface	(Clock Time)	
Total decomp. time	Total tim	Total time of dive		Repet Group	et Group CHART		RTMAN (Print)		Rank
REMARKS		STOPS IN	STAND AIR	Decompres	sion Tir	ne	EMERG		vent ime
-		FEET	TABLE	water	chan	nber	AIR	water	chamber
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		120						S	
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		130						S	
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		140						s	<del></del>
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Purpose of Dive:		Supervis	or (sign)				Chartma	n (eign)	

DIVER	Rank		Tender			Rank		Date	
DIVER	Rank	1	Tender			Rank		Table Used	
SUPERVISOR	Rank	1	Schedule Used			O2%		Depth in MSW	Bottom Time
Left surface (Clock Time)	Left bottom	L	Max Time to 1st Stop			Reached surface (Clock Time)			
Total decomp. time	Total time of dive		<del></del>	Repet Group	Repet Group		MAN (Pri	nt) Rank	
	Let	ODG				<u> </u>		C.,	
REMARKS	1 1	IN	STAND AIR	Decompres	Decompression Tin			Event Time	
,	ME	TERS	TABLE	water	chan	nber	AIR	water	chamber
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Purpose of Dive:	pose of Dive: Supervisor (sign)						Chartm	an (sign)	

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