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CONVERSION TABLES FOR OXYGEN PARTIAL PRESSURES TO PERCENTAGE OXYGEN AT VARIOUS DEPTHS (IN BARS)

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DEPARTMENT OF NATIONAL DEFENCE - CANADA

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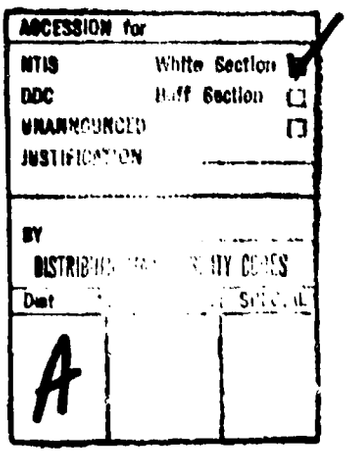

ABSTRACT

Tables have been calculated for converting oxygen partial pressures from 0.2 to 2.0 bars into percentage oxygen as a function of depth from 0 to 80 bars (gauge). To allow the use of these tables with non-metric equipment, equivalent pressures in meters of seawater, feet of seawater, pounds per square inch absolute, atmospheres absolute, and millimeters of mercury are also given.

INTRODUCTION

Tables for converting partial pressures of oxygen to percentage oxygen at various depths are useful for dive planning, instrument calibration, and equipment set-up. Although tables have been previously generated by Berghage and Tolhurst[1], these are for depth in feet of seawater (fsw). At the Deep Diving Facility of the Defence and Civil Institute of Environmental Medicine (DCIEM), there is a necessity for metric tables since pressure gauges and pressure transducer displays are calibrated in bars (gauge). Hence tables similar to those of Reference 1 have been compiled for pressures in bars.

DESCRIPTION OF TABLES

The conversion tables are presented in the Appendix for depths from 0 to 80 bars (gauge) and oxygen partial pressures from 0.2 to 2.0 bars. The depth is presented in the following ranges and increments:

from	0	to	10	bars,	at	0.02	bars	increment
"	10	"	20	"	"	0.05	"	"
"	20	"	30	"	"	0.1	"	"
"	30	"	70	"	"	0.2	"	"
"	70	"	80	"	"	0.5	"	"

In addition to the depth in bars, the corresponding values in meters of seawater (msw), feet of seawater (fsw), pounds per square inch absolute (psia), atmospheres absolute (atm), and millimeters of mercury (mmHg) are also presented. The conversion factors used are:

1 Bar	=	9.9481	msw
	=	32.638	fsw
	=	14.504	psia
	=	0.9869	atm
	=	750.06	mmHg

Bars, msw, and fsw are gauge pressure values, i.e., starting from zero at the surface. The conversion from bars to msw and fsw assumes that the specific gravity of seawater is 1.025. Depths in psia, atm, and mmHg are presented as absolute pressures, i.e., starting from zero at vacuum. The reference pressure for the surface has been taken to be 1 bar absolute and not 1 atm.

Oxygen partial pressures are presented across the top of the page in 0.1 bar increments from 0.2 to 2.0 bars. Equivalent partial pressures in mmHg are also shown. For a given partial

pressure of oxygen at some selected depth, the figure in the body of the table gives the amount of oxygen required to give that partial pressure as a percentage of the total gas pressure. Asterisks have been printed for non-allowable combinations of partial pressures and depths, i.e., combinations which give values greater than 100%.

DISCUSSION OF TABLES

The surface reference pressure has been taken to be 1 bar absolute rather than 1 atm since the normal atmospheric pressure at the DCIEM location is closer to 1 bar. Hence a comparison between the gauge pressure units (bars, msw, and fsw) and the absolute pressure units (psia, atm, and mmHg) will not give the same values as given by other published tables which may have used 1 atm as the surface reference pressure.

The use of 1 bar as the surface reference pressure will also change the percentage oxygen values slightly from those based on 1 atm. The difference in the percentage oxygen between the two reference pressures is 0.1% or less for depths in excess of 4.0 bars.

The conversion factor for pressure to meters or feet of seawater depends on the specific gravity of seawater, which in turn depends on the temperature and locality. The two usual approximations are 1 atm = 33 fsw (in British units) and 1 bar = 10 msw (in metric units). However, these two conversions are not consistent since the latter gives 1 atm = 33.24 fsw. These approximate conversions can be used for shallow depths. However, for great depths, the accumulated errors became significant. In these tables, a specific gravity of 1.025 has been assumed, giving 1 atm = 33.071 fsw, or 1 bar = 9.95 msw.

REFERENCES

1. BERGHAGE T.E. & TOLHURST G.G. (1971) Revised tables of appropriate oxygen percentages for selected partial pressures at various depths, U.S. Navy Experimental Diving Unit Research Report No. 4-71, April.

2. SHILLING C.W., WERTS M.F. & SCHANDELMEIER N.R., Ed. (1976) The Underwater Handbook, A Guide to Physiology and Performance for the Engineer. Plenum Press, New York, p 893.

APPENDIX

Tables for Percentage Oxygen in Mixture at various depths and partial pressures.

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 150
0.90	0.00	0.0	14.5	0.99	750	*	*	*	*	*	*	*	*	*	*	*	90.0	80.0	70.0	60.0	50.0	40.0	30.0	21.3
0.02	0.20	0.7	14.8	1.01	765	*	*	*	*	*	*	*	*	*	*	98.0	88.2	78.4	68.6	58.8	49.0	39.2	29.4	20.9
0.04	0.40	1.3	15.1	1.03	780	*	*	*	*	*	*	*	*	*	*	96.2	86.5	76.9	67.3	57.7	48.1	38.5	28.8	20.5
0.06	0.60	2.0	15.4	1.05	795	*	*	*	*	*	*	*	*	*	*	94.3	84.9	75.5	66.0	56.6	47.2	37.7	28.3	20.1
0.08	0.80	2.6	15.7	1.07	810	*	*	*	*	*	*	*	*	*	*	92.6	83.3	74.1	64.8	55.6	46.3	37.0	27.8	19.7
0.10	0.99	3.3	16.0	1.09	825	*	*	*	*	*	*	*	*	*	*	90.9	81.8	72.7	63.6	54.5	45.5	36.4	27.3	19.4
0.12	1.19	3.9	16.2	1.11	840	*	*	*	*	*	*	*	*	*	98.2	89.3	80.4	71.4	62.5	53.6	44.6	35.7	26.8	19.0
0.14	1.39	4.6	16.5	1.13	855	*	*	*	*	*	*	*	*	*	96.5	87.7	78.9	70.2	61.4	52.6	43.9	35.1	26.3	18.7
0.16	1.59	5.2	16.8	1.14	870	*	*	*	*	*	*	*	*	*	94.8	86.2	77.6	69.0	60.3	51.7	43.1	34.5	25.9	18.4
0.18	1.79	5.9	17.1	1.16	885	*	*	*	*	*	*	*	*	*	93.2	84.7	76.3	67.8	59.3	50.8	42.4	33.9	25.4	18.1
0.20	1.99	6.5	17.4	1.18	900	*	*	*	*	*	*	*	*	*	91.7	83.3	75.0	66.7	58.3	50.0	41.7	33.3	25.0	17.8
0.22	2.19	7.2	17.7	1.20	915	*	*	*	*	*	*	*	*	98.4	90.2	82.0	73.8	65.6	57.4	49.2	41.0	32.8	24.6	17.5
0.24	2.39	7.8	18.0	1.22	930	*	*	*	*	*	*	*	*	96.8	88.7	80.6	72.6	64.5	56.5	48.4	40.3	32.3	24.2	17.2
0.26	2.59	8.5	18.3	1.24	945	*	*	*	*	*	*	*	*	95.2	87.3	79.4	71.4	63.5	55.6	47.6	39.7	31.7	23.8	16.9
0.28	2.79	9.1	18.6	1.26	960	*	*	*	*	*	*	*	*	93.8	85.9	78.1	70.3	62.5	54.7	46.9	39.1	31.3	23.4	16.6
0.30	2.98	9.8	18.9	1.28	975	*	*	*	*	*	*	*	*	92.3	84.6	76.9	69.2	61.5	53.8	46.2	38.5	30.8	23.1	16.4
0.32	3.18	10.4	19.1	1.30	990	*	*	*	*	*	*	*	98.5	90.9	83.3	75.8	68.2	60.6	53.0	45.5	37.9	30.3	22.7	16.1
0.34	3.38	11.1	19.4	1.32	1005	*	*	*	*	*	*	*	97.0	89.6	82.1	74.6	67.2	59.7	52.2	44.8	37.3	29.9	22.4	15.9
0.36	3.58	11.7	19.7	1.34	1020	*	*	*	*	*	*	*	95.6	88.2	80.9	73.5	66.2	58.8	51.5	44.1	36.8	29.4	22.1	15.7
0.38	3.78	12.4	20.0	1.36	1035	*	*	*	*	*	*	*	94.2	87.0	79.7	72.5	65.2	58.0	50.7	43.5	36.2	29.0	21.7	15.4
0.40	3.98	13.1	20.3	1.38	1050	*	*	*	*	*	*	*	92.9	85.7	78.6	71.4	64.3	57.1	50.0	42.9	35.7	28.6	21.4	15.2
0.42	4.18	13.7	20.6	1.40	1065	*	*	*	*	*	*	98.6	91.5	84.5	77.5	70.4	63.4	56.3	49.3	42.3	35.2	28.2	21.1	15.0
0.44	4.38	14.4	20.9	1.42	1080	*	*	*	*	*	*	97.2	90.3	83.3	76.4	69.4	62.5	55.6	48.6	41.7	34.7	27.8	20.8	14.8
0.46	4.58	15.0	21.2	1.44	1095	*	*	*	*	*	*	95.9	89.0	82.2	75.3	68.5	61.6	54.8	47.9	41.1	34.2	27.4	20.5	14.6
0.48	4.78	15.7	21.5	1.46	1111	*	*	*	*	*	*	94.6	87.8	81.1	74.3	67.6	60.8	54.1	47.3	40.5	33.8	27.0	20.3	14.4

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
0.50	4.97	16.3	21.8	1.48	1125	*	*	*	*	*	*	93.3	86.7	80.0	73.3	66.7	60.0	53.3	46.7	40.0	33.3	26.7	20.0	14.2
0.52	5.17	17.0	22.0	1.50	1140	*	*	*	*	*	98.7	92.1	85.5	78.9	72.4	65.8	59.2	52.6	46.1	39.5	32.9	26.3	19.7	14.0
0.54	5.37	17.6	22.3	1.52	1155	*	*	*	*	*	97.4	90.9	84.4	77.9	71.4	64.9	58.4	51.9	45.5	39.0	32.5	26.0	19.5	13.8
0.56	5.57	18.3	22.6	1.54	1170	*	*	*	*	*	96.2	89.7	83.3	76.9	70.5	64.1	57.7	51.3	44.9	38.5	32.1	25.6	19.2	13.7
0.58	5.77	18.9	22.9	1.56	1185	*	*	*	*	*	94.9	88.6	82.3	75.9	69.6	63.3	57.0	50.6	44.3	38.0	31.6	25.3	19.0	13.5
0.60	5.97	19.6	23.2	1.58	1200	*	*	*	*	*	93.8	87.5	81.3	75.0	68.8	62.5	56.3	50.0	43.8	37.5	31.3	25.0	18.8	13.3
0.62	6.17	20.2	23.5	1.60	1215	*	*	*	*	98.8	92.6	86.4	80.2	74.1	67.9	61.7	55.6	49.4	43.2	37.0	30.9	24.7	18.5	13.1
0.64	6.37	20.9	23.8	1.62	1230	*	*	*	*	97.6	91.5	85.4	79.3	73.2	67.1	61.0	54.9	48.8	42.7	36.6	30.5	24.4	18.3	13.0
0.66	6.57	21.5	24.1	1.64	1245	*	*	*	*	96.4	90.4	84.3	78.3	72.3	66.3	60.2	54.2	48.2	42.2	36.1	30.1	24.1	18.1	12.8
0.68	6.76	22.2	24.4	1.66	1260	*	*	*	*	95.2	89.3	83.3	77.4	71.4	65.5	59.5	53.6	47.6	41.7	35.7	29.8	23.8	17.9	12.7
0.70	6.96	22.8	24.7	1.68	1275	*	*	*	*	94.1	88.2	82.4	76.5	70.6	64.7	58.8	52.9	47.1	41.2	35.3	29.4	23.5	17.6	12.5
0.72	7.16	23.5	24.9	1.70	1290	*	*	*	98.8	93.0	87.2	81.4	75.6	69.8	64.0	58.1	52.3	46.5	40.7	34.9	29.1	23.3	17.4	12.4
0.74	7.36	24.2	25.2	1.72	1305	*	*	*	97.7	92.0	86.2	80.5	74.7	69.0	63.2	57.5	51.7	46.0	40.2	34.5	28.7	23.0	17.2	12.2
0.76	7.56	24.8	25.5	1.74	1320	*	*	*	96.6	90.9	85.2	79.5	73.9	68.2	62.5	56.8	51.1	45.5	39.8	34.1	28.4	22.7	17.0	12.1
0.78	7.76	25.5	25.8	1.76	1335	*	*	*	95.5	89.9	84.3	78.7	73.0	67.4	61.8	56.2	50.6	44.9	39.3	33.7	28.1	22.5	16.9	12.0
0.80	7.96	26.1	26.1	1.78	1350	*	*	*	94.4	88.9	83.3	77.8	72.2	66.7	61.1	55.6	50.0	44.4	38.9	33.3	27.8	22.2	16.7	11.8
0.82	8.16	26.8	26.4	1.80	1365	*	*	98.9	93.4	87.9	82.4	76.9	71.4	65.9	60.4	54.9	49.5	44.0	38.5	33.0	27.5	22.0	16.5	11.7
0.84	8.36	27.4	26.7	1.82	1380	*	*	97.8	92.4	87.0	81.5	76.1	70.7	65.2	59.8	54.3	48.9	43.5	38.0	32.6	27.2	21.7	16.3	11.6
0.86	8.56	28.1	27.0	1.84	1395	*	*	96.8	91.4	86.0	80.6	75.3	69.9	64.5	59.1	53.8	48.4	43.0	37.6	32.3	26.9	21.5	16.1	11.5
0.88	8.75	28.7	27.3	1.86	1410	*	*	95.7	90.4	85.1	79.8	74.5	69.1	63.8	58.5	53.2	47.9	42.6	37.2	31.9	26.6	21.3	16.0	11.3
0.90	8.95	29.4	27.6	1.88	1425	*	*	94.7	89.5	84.2	78.9	73.7	68.4	63.2	57.9	52.6	47.4	42.1	36.8	31.6	26.3	21.1	15.8	11.2
0.92	9.15	30.0	27.8	1.89	1440	*	99.0	93.8	88.5	83.3	78.1	72.9	67.7	62.5	57.3	52.1	46.9	41.7	36.5	31.3	26.0	20.8	15.6	11.1
0.94	9.35	30.7	28.1	1.91	1455	*	97.9	92.8	87.6	82.5	77.3	72.2	67.0	61.9	56.7	51.5	46.4	41.2	36.1	30.9	25.8	20.6	15.5	11.0
0.96	9.55	31.3	28.4	1.93	1470	*	96.9	91.8	86.7	81.6	76.5	71.4	66.3	61.2	56.1	51.0	45.9	40.8	35.7	30.6	25.5	20.4	15.3	10.9
0.98	9.75	32.0	28.7	1.95	1485	*	96.0	90.9	85.9	80.8	75.8	70.7	65.7	60.6	55.6	50.5	45.5	40.4	35.4	30.3	25.3	20.2	15.2	10.8

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
1.00	9.95	32.6	29.0	1.97	1500	8	95.0	90.0	85.0	80.0	75.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.7
1.02	10.15	33.3	29.3	1.99	1515	99.0	94.1	89.1	84.2	79.2	74.3	69.3	64.4	59.4	54.5	49.5	44.6	39.6	34.7	29.7	24.8	19.8	14.9	10.5
1.04	10.35	33.9	29.6	2.01	1530	98.0	93.1	88.2	83.3	78.4	73.5	68.6	63.7	58.8	53.9	49.0	44.1	39.2	34.3	29.4	24.5	19.6	14.7	10.4
1.06	10.54	34.6	29.9	2.03	1545	97.1	92.2	87.3	82.5	77.7	72.8	68.0	63.1	58.3	53.4	48.5	43.7	38.8	34.0	29.1	24.3	19.4	14.6	10.3
1.08	10.74	35.2	30.2	2.05	1560	96.2	91.3	86.5	81.7	76.9	72.1	67.3	62.5	57.7	52.9	48.1	43.3	38.5	33.7	28.8	24.0	19.2	14.4	10.2
1.10	10.94	35.9	30.5	2.07	1575	95.2	90.5	85.7	81.0	76.2	71.4	66.7	61.9	57.1	52.4	47.6	42.9	38.1	33.3	28.6	23.8	19.0	14.3	10.1
1.12	11.14	36.6	30.7	2.09	1590	94.3	89.6	84.9	80.2	75.5	70.8	66.0	61.3	56.6	51.9	47.2	42.5	37.7	33.0	28.3	23.6	18.9	14.2	10.0
1.14	11.34	37.2	31.0	2.11	1605	93.5	88.8	84.1	79.4	74.8	70.1	65.4	60.7	56.1	51.4	46.7	42.1	37.4	32.7	28.0	23.4	18.7	14.0	10.0
1.16	11.54	37.9	31.3	2.13	1620	92.6	88.0	83.3	78.7	74.1	69.4	64.8	60.2	55.6	50.9	46.3	41.7	37.0	32.4	27.8	23.1	18.5	13.9	9.9
1.18	11.74	38.5	31.6	2.15	1635	91.7	87.2	82.6	78.0	73.4	68.8	64.2	59.6	55.0	50.5	45.9	41.3	36.7	32.1	27.5	22.9	18.3	13.8	9.8
1.20	11.94	39.2	31.9	2.17	1650	90.9	86.4	81.8	77.3	72.7	68.2	63.6	59.1	54.5	50.0	45.5	40.9	36.4	31.8	27.3	22.7	18.2	13.6	9.7
1.22	12.14	39.8	32.2	2.19	1665	90.1	85.6	81.1	76.6	72.1	67.6	63.1	58.6	54.1	49.5	45.0	40.5	36.0	31.5	27.0	22.5	18.0	13.5	9.6
1.24	12.34	40.5	32.5	2.21	1680	89.3	84.8	80.4	75.9	71.4	67.0	62.5	58.0	53.6	49.1	44.6	40.2	35.7	31.3	26.8	22.3	17.9	13.4	9.5
1.26	12.53	41.1	32.8	2.23	1695	88.5	84.1	79.6	75.2	70.8	66.4	61.9	57.5	53.1	48.7	44.2	39.8	35.4	31.0	26.5	22.1	17.7	13.3	9.4
1.28	12.73	41.8	33.1	2.25	1710	87.7	83.3	78.9	74.6	70.2	65.8	61.4	57.0	52.6	48.2	43.9	39.5	35.1	30.7	26.3	21.9	17.5	13.2	9.3
1.30	12.93	42.4	33.4	2.27	1725	87.0	82.6	78.3	73.9	69.6	65.2	60.9	56.5	52.2	47.8	43.5	39.1	34.8	30.4	26.1	21.7	17.4	13.0	9.3
1.32	13.13	43.1	33.6	2.29	1740	86.2	81.9	77.6	73.3	69.0	64.7	60.3	56.0	51.7	47.4	43.1	38.8	34.5	30.2	25.9	21.6	17.2	12.9	9.2
1.34	13.33	43.7	33.9	2.31	1755	85.5	81.2	76.9	72.6	68.4	64.1	59.8	55.6	51.3	47.0	42.7	38.5	34.2	29.9	25.6	21.4	17.1	12.8	9.1
1.36	13.53	44.4	34.2	2.33	1770	84.7	80.5	76.3	72.0	67.8	63.6	59.3	55.1	50.8	46.6	42.4	38.1	33.9	29.7	25.4	21.2	16.9	12.7	9.0
1.38	13.73	45.0	34.5	2.35	1785	84.0	79.8	75.6	71.4	67.2	63.0	58.8	54.6	50.4	46.2	42.0	37.8	33.6	29.4	25.2	21.0	16.8	12.6	8.9
1.40	13.93	45.7	34.8	2.37	1800	83.3	79.2	75.0	70.8	66.7	62.5	58.3	54.2	50.0	45.8	41.7	37.5	33.3	29.2	25.0	20.8	16.7	12.5	8.9
1.42	14.13	46.3	35.1	2.39	1815	82.6	78.5	74.4	70.2	66.1	62.0	57.9	53.7	49.6	45.5	41.3	37.2	33.1	28.9	24.8	20.7	16.5	12.4	8.8
1.44	14.33	47.0	35.4	2.41	1830	82.0	77.9	73.8	69.7	65.6	61.5	57.4	53.3	49.2	45.1	41.0	36.9	32.8	28.7	24.6	20.5	16.4	12.3	8.7
1.46	14.52	47.7	35.7	2.43	1845	81.3	77.2	73.2	69.1	65.0	61.0	56.9	52.8	48.8	44.7	40.7	36.6	32.5	28.5	24.4	20.3	16.3	12.2	8.7
1.48	14.72	48.3	36.0	2.45	1860	80.6	76.6	72.6	68.5	64.5	60.5	56.5	52.4	48.4	44.4	40.3	36.3	32.3	28.2	24.2	20.2	16.1	12.1	8.6

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
1.50	14.92	49.0	36.3	2.47	1875	80.0	76.0	72.0	68.0	64.0	60.0	56.0	52.0	48.0	44.0	40.0	36.0	32.0	28.0	24.0	20.0	16.0	12.0	8.5
1.52	15.12	49.6	36.6	2.49	1890	79.4	75.4	71.4	67.5	63.5	59.5	55.6	51.6	47.6	43.7	39.7	35.7	31.7	27.8	23.8	19.8	15.9	11.9	8.5
1.54	15.32	50.3	36.8	2.51	1905	78.7	74.8	70.9	66.9	63.0	59.1	55.1	51.2	47.2	43.3	39.4	35.4	31.5	27.6	23.6	19.7	15.7	11.8	8.4
1.56	15.52	50.9	37.1	2.53	1920	78.1	74.2	70.3	66.4	62.5	58.6	54.7	50.8	46.9	43.0	39.1	35.2	31.3	27.3	23.4	19.5	15.6	11.7	8.3
1.58	15.72	51.6	37.4	2.55	1935	77.5	73.6	69.8	65.9	62.0	58.1	54.3	50.4	46.5	42.6	38.8	34.9	31.0	27.1	23.3	19.4	15.5	11.6	8.3
1.60	15.92	52.2	37.7	2.57	1950	76.9	73.1	69.2	65.4	61.5	57.7	53.8	50.0	46.2	42.3	38.5	34.6	30.8	26.9	23.1	19.2	15.4	11.5	8.2
1.62	16.12	52.9	38.0	2.59	1965	76.3	72.5	68.7	64.9	61.1	57.3	53.4	49.6	45.8	42.0	38.2	34.4	30.5	26.7	22.9	19.1	15.3	11.5	8.1
1.64	16.31	53.5	38.3	2.61	1980	75.8	72.0	68.2	64.4	60.6	56.8	53.0	49.2	45.5	41.7	37.9	34.1	30.3	26.5	22.7	18.9	15.2	11.4	8.1
1.66	16.51	54.2	38.6	2.63	1995	75.2	71.4	67.7	63.9	60.2	56.4	52.6	48.9	45.1	41.4	37.6	33.8	30.1	26.3	22.6	18.8	15.0	11.3	8.0
1.68	16.71	54.8	38.9	2.64	2010	74.6	70.9	67.2	63.4	59.7	56.0	52.2	48.5	44.8	41.0	37.3	33.6	29.9	26.1	22.4	18.7	14.9	11.2	7.9
1.70	16.91	55.5	39.2	2.66	2025	74.1	70.4	66.7	63.0	59.3	55.6	51.9	48.1	44.4	40.7	37.0	33.3	29.6	25.9	22.2	18.5	14.8	11.1	7.9
1.72	17.11	56.1	39.5	2.68	2040	73.5	69.9	66.2	62.5	58.8	55.1	51.5	47.8	44.1	40.4	36.8	33.1	29.4	25.7	22.1	18.4	14.7	11.0	7.8
1.74	17.31	56.8	39.7	2.70	2055	73.0	69.3	65.7	62.0	58.4	54.7	51.1	47.4	43.8	40.1	36.5	32.8	29.2	25.5	21.9	18.2	14.6	10.9	7.8
1.76	17.51	57.4	40.0	2.72	2070	72.5	68.8	65.2	61.6	58.0	54.3	50.7	47.1	43.5	39.9	36.2	32.6	29.0	25.4	21.7	18.1	14.5	10.9	7.7
1.78	17.71	58.1	40.3	2.74	2085	71.9	68.3	64.7	61.2	57.6	54.0	50.4	46.8	43.2	39.6	36.0	32.4	28.8	25.2	21.6	18.0	14.4	10.8	7.7
1.80	17.91	58.7	40.6	2.76	2100	71.4	67.9	64.3	60.7	57.1	53.6	50.0	46.4	42.9	39.3	35.7	32.1	28.6	25.0	21.4	17.9	14.3	10.7	7.6
1.82	18.11	59.4	40.9	2.78	2115	70.9	67.4	63.8	60.3	56.7	53.2	49.6	46.1	42.6	39.0	35.5	31.9	28.4	24.8	21.3	17.7	14.2	10.6	7.6
1.84	18.30	60.1	41.2	2.80	2130	70.4	66.9	63.4	59.9	56.3	52.8	49.3	45.8	42.3	38.7	35.2	31.7	28.2	24.6	21.1	17.6	14.1	10.6	7.5
1.86	18.50	60.7	41.5	2.82	2145	69.9	66.4	62.9	59.4	55.9	52.4	49.0	45.5	42.0	38.5	35.0	31.5	28.0	24.5	21.0	17.5	14.0	10.5	7.4
1.88	18.70	61.4	41.8	2.84	2160	69.4	66.0	62.5	59.0	55.6	52.1	48.6	45.1	41.7	38.2	34.7	31.3	27.8	24.3	20.8	17.4	13.9	10.4	7.4
1.90	18.90	62.0	42.1	2.86	2175	69.0	65.5	62.1	58.6	55.2	51.7	48.3	44.8	41.4	37.9	34.5	31.0	27.6	24.1	20.7	17.2	13.8	10.3	7.3
1.92	19.10	62.7	42.4	2.88	2190	68.5	65.1	61.6	58.2	54.8	51.4	47.9	44.5	41.1	37.7	34.2	30.8	27.4	24.0	20.5	17.1	13.7	10.3	7.3
1.94	19.30	63.3	42.6	2.90	2205	68.0	64.6	61.2	57.8	54.4	51.0	47.6	44.2	40.8	37.4	34.0	30.6	27.2	23.8	20.4	17.0	13.6	10.2	7.2
1.96	19.50	64.0	42.9	2.92	2220	67.6	64.2	60.8	57.4	54.1	50.7	47.3	43.9	40.5	37.2	33.8	30.4	27.0	23.6	20.3	16.9	13.5	10.1	7.2
1.98	19.70	64.6	43.2	2.94	2235	67.1	63.8	60.4	57.0	53.7	50.3	47.0	43.6	40.3	36.9	33.6	30.2	26.8	23.5	20.1	16.8	13.4	10.1	7.1

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
2.00	19.90	65.3	43.5	2.96	2250	66.7	63.3	60.0	56.7	53.3	50.0	46.7	43.3	40.0	36.7	33.3	30.0	26.7	23.3	20.0	16.7	13.3	10.0	7.1
2.02	20.10	65.9	43.8	2.98	2265	66.2	62.9	59.6	56.3	53.0	49.7	46.4	43.0	39.7	36.4	33.1	29.8	26.5	23.2	19.9	16.6	13.2	9.9	7.1
2.04	20.29	66.6	44.[illegible]	3.00	2280	65.8	62.5	59.2	55.9	52.6	49.3	46.1	42.8	39.5	36.2	32.9	29.6	26.3	23.0	19.7	16.4	13.2	9.9	7.0
2.06	20.49	67.2	44.4	3.02	2295	65.4	62.1	58.8	55.6	52.3	49.0	45.8	42.5	39.2	35.9	32.7	29.4	26.1	22.9	19.6	16.3	13.1	9.8	7.0
2.08	20.69	67.9	44.7	3.04	2310	64.9	61.7	58.4	55.2	51.9	48.7	45.5	42.2	39.0	35.7	32.5	29.2	26.0	22.7	19.5	16.2	13.0	9.7	6.9
2.10	20.89	68.5	45.0	3.06	2325	64.5	61.3	58.1	54.8	51.6	48.4	45.2	41.9	38.7	35.5	32.3	29.0	25.8	22.6	19.4	16.1	12.9	9.7	6.9
2.12	21.09	69.2	45.3	3.08	2340	64.1	60.9	57.7	54.5	51.3	48.1	44.9	41.7	38.5	35.3	32.1	28.8	25.6	22.4	19.2	16.0	12.8	9.6	6.8
2.14	21.29	69.8	45.5	3.10	2355	63.7	60.5	57.3	54.1	51.0	47.8	44.6	41.4	38.2	35.0	31.8	28.7	25.5	22.3	19.1	15.9	12.7	9.6	6.8
2.16	21.49	70.5	45.8	3.12	2370	63.3	60.1	57.0	53.8	50.6	47.5	44.3	41.1	38.0	34.8	31.6	28.5	25.3	22.2	19.0	15.8	12.7	9.5	6.7
2.18	21.69	71.2	46.1	3.14	2385	62.9	59.7	56.6	53.5	50.3	47.2	44.0	40.9	37.7	34.6	31.4	28.3	25.2	22.0	18.9	15.7	12.6	9.4	6.7
2.20	21.89	71.8	46.4	3.16	2400	62.5	59.4	56.3	53.1	50.0	46.9	43.8	40.6	37.5	34.4	31.3	28.1	25.0	21.9	18.8	15.6	12.5	9.4	6.7
2.22	22.08	72.5	46.7	3.18	2415	62.1	59.0	55.9	52.8	49.7	46.6	43.5	40.4	37.3	34.2	31.1	28.0	24.8	21.7	18.6	15.5	12.4	9.3	6.6
2.24	22.28	73.1	47.0	3.20	2430	61.7	58.6	55.6	52.5	49.4	46.3	43.2	40.1	37.0	34.0	30.9	27.8	24.7	21.6	18.5	15.4	12.3	9.3	6.6
2.26	22.48	73.8	47.3	3.22	2445	61.3	58.3	55.2	52.1	49.1	46.0	42.9	39.9	36.8	33.7	30.7	27.6	24.5	21.5	18.4	15.3	12.3	9.2	6.5
2.28	22.68	74.4	47.6	3.24	2460	61.0	57.9	54.9	51.8	48.8	45.7	42.7	39.6	36.6	33.5	30.5	27.4	24.4	21.3	18.3	15.2	12.2	9.1	6.5
2.30	22.88	75.1	47.9	3.26	2475	60.6	57.6	54.5	51.5	48.5	45.5	42.4	39.4	36.4	33.3	30.3	27.3	24.2	21.2	18.2	15.2	12.1	9.1	6.5
2.32	23.08	75.7	48.2	3.28	2490	60.2	57.2	54.2	51.2	48.2	45.2	42.2	39.2	36.1	33.1	30.1	27.1	24.1	21.1	18.1	15.1	12.0	9.0	6.4
2.34	23.28	76.4	48.4	3.30	2505	59.9	56.9	53.9	50.9	47.9	44.9	41.9	38.9	35.9	32.9	29.9	26.9	24.0	21.0	18.0	15.0	12.0	9.0	6.4
2.36	23.48	77.0	48.7	3.32	2520	59.5	56.5	53.6	50.6	47.6	44.6	41.7	38.7	35.7	32.7	29.8	26.8	23.8	20.8	17.9	14.9	11.9	8.9	6.3
2.38	23.68	77.7	49.0	3.34	2535	59.2	56.2	53.3	50.3	47.3	44.4	41.4	38.5	35.5	32.5	29.6	26.6	23.7	20.7	17.8	14.8	11.8	8.9	6.3
2.40	23.88	78.3	49.3	3.36	2550	58.8	55.9	52.9	50.0	47.1	44.1	41.2	38.2	35.3	32.4	29.4	26.5	23.5	20.6	17.6	14.7	11.8	8.8	6.3
2.42	24.07	79.0	49.6	3.38	2565	58.5	55.6	52.6	49.7	46.8	43.9	40.9	38.0	35.1	32.2	29.2	26.3	23.4	20.5	17.5	14.6	11.7	8.8	6.2
2.44	24.27	79.6	49.9	3.39	2580	58.1	55.2	52.3	49.4	46.5	43.6	40.7	37.8	34.9	32.0	29.1	26.2	23.3	20.3	17.4	14.5	11.6	8.7	6.2
2.46	24.47	80.3	50.2	3.41	2595	57.8	54.9	52.0	49.1	46.2	43.4	40.5	37.6	34.7	31.8	28.9	26.0	23.1	20.2	17.3	14.5	11.6	8.7	6.2
2.48	24.67	80.9	50.5	3.43	2610	57.5	54.6	51.7	48.9	46.0	43.1	40.2	37.4	34.5	31.6	28.7	25.9	23.0	20.1	17.2	14.4	11.5	8.6	6.1

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
2.50	24.87	81.6	50.8	3.45	2625	57.1	54.3	51.4	48.6	45.7	42.9	40.0	37.1	34.3	31.4	28.6	25.7	22.9	20.0	17.1	14.3	11.4	8.6	6.1
2.52	25.07	82.2	51.1	3.47	2640	56.8	54.0	51.1	48.3	45.5	42.6	39.8	36.9	34.1	31.3	28.4	25.6	22.7	19.9	17.0	14.2	11.4	8.5	6.1
2.54	25.27	82.9	51.3	3.49	2655	56.5	53.7	50.8	48.0	45.2	42.4	39.5	36.7	33.9	31.1	28.2	25.4	22.6	19.8	16.9	14.1	11.3	8.5	6.0
2.56	25.47	83.6	51.6	3.51	2670	56.2	53.4	50.6	47.8	44.9	42.1	39.3	36.5	33.7	30.9	28.1	25.3	22.5	19.7	16.9	14.0	11.2	8.4	6.0
2.58	25.67	84.2	51.9	3.53	2685	55.9	53.1	50.3	47.5	44.7	41.9	39.1	36.3	33.5	30.7	27.9	25.1	22.3	19.6	16.8	14.0	11.2	8.4	5.9
2.60	25.87	84.9	52.2	3.55	2700	55.6	52.8	50.0	47.2	44.4	41.7	38.9	36.1	33.3	30.6	27.8	25.0	22.2	19.4	16.7	13.9	11.1	8.3	5.9
2.62	26.06	85.5	52.5	3.57	2715	55.2	52.5	49.7	47.0	44.2	41.4	38.7	35.9	33.1	30.4	27.6	24.9	22.1	19.3	16.6	13.8	11.0	8.3	5.9
2.64	26.26	86.2	52.8	3.59	2730	54.9	52.2	49.5	46.7	44.0	41.2	38.5	35.7	33.0	30.2	27.5	24.7	22.0	19.2	16.5	13.7	11.0	8.2	5.9
2.66	26.46	86.8	53.1	3.61	2745	54.6	51.9	49.2	46.4	43.7	41.0	38.3	35.5	32.8	30.1	27.3	24.6	21.9	19.1	16.4	13.7	10.9	8.2	5.8
2.68	26.66	87.5	53.4	3.63	2760	54.3	51.6	48.9	46.2	43.5	40.8	38.0	35.3	32.6	29.9	27.2	24.5	21.7	19.0	16.3	13.6	10.9	8.2	5.8
2.70	26.86	88.1	53.7	3.65	2775	54.1	51.4	48.6	45.9	43.2	40.5	37.8	35.1	32.4	29.7	27.0	24.3	21.6	18.9	16.2	13.5	10.8	8.1	5.8
2.72	27.06	88.8	54.0	3.67	2790	53.8	51.1	48.4	45.7	43.0	40.3	37.6	34.9	32.3	29.6	26.9	24.2	21.5	18.8	16.1	13.4	10.8	8.1	5.7
2.74	27.26	89.4	54.2	3.69	2805	53.5	50.8	48.1	45.5	42.8	40.1	37.4	34.8	32.1	29.4	26.7	24.1	21.4	18.7	16.0	13.4	10.7	8.0	5.7
2.76	27.46	90.1	54.5	3.71	2820	53.2	50.5	47.9	45.2	42.6	39.9	37.2	34.6	31.9	29.3	26.6	23.9	21.3	18.6	16.0	13.3	10.6	8.0	5.7
2.78	27.66	90.7	54.8	3.73	2835	52.9	50.3	47.6	45.0	42.3	39.7	37.0	34.4	31.7	29.1	26.5	23.8	21.2	18.5	15.9	13.2	10.6	7.9	5.6
2.80	27.85	91.4	55.1	3.75	2850	52.6	50.0	47.4	44.7	42.1	39.5	36.8	34.2	31.6	28.9	26.3	23.7	21.1	18.4	15.8	13.2	10.5	7.9	5.6
2.82	28.05	92.0	55.4	3.77	2865	52.4	49.7	47.1	44.5	41.9	39.3	36.6	34.0	31.4	28.8	26.2	23.6	20.9	18.3	15.7	13.1	10.5	7.9	5.6
2.84	28.25	92.7	55.7	3.79	2880	52.1	49.5	46.9	44.3	41.7	39.1	36.5	33.9	31.3	28.6	26.0	23.4	20.8	18.2	15.6	13.0	10.4	7.8	5.5
2.86	28.45	93.3	56.0	3.81	2895	51.8	49.2	46.6	44.0	41.5	38.9	36.3	33.7	31.1	28.5	25.9	23.3	20.7	18.1	15.5	13.0	10.4	7.8	5.5
2.88	28.65	94.0	56.3	3.83	2910	51.5	49.0	46.4	43.8	41.2	38.7	36.1	33.5	30.9	28.4	25.8	23.2	20.6	18.0	15.5	12.9	10.3	7.7	5.5
2.90	28.85	94.7	56.6	3.85	2925	51.3	48.7	46.2	43.6	41.0	38.5	35.9	33.3	30.8	28.2	25.6	23.1	20.5	17.9	15.4	12.8	10.3	7.7	5.5
2.92	29.05	95.3	56.9	3.87	2940	51.0	48.5	45.9	43.4	40.8	38.3	35.7	33.2	30.6	28.1	25.5	23.0	20.4	17.9	15.3	12.8	10.2	7.7	5.4
2.94	29.25	96.0	57.1	3.89	2955	50.8	48.3	45.7	43.1	40.6	38.1	35.5	33.0	30.5	27.9	25.4	22.8	20.3	17.8	15.2	12.7	10.2	7.6	5.4
2.96	29.45	96.6	57.4	3.91	2970	50.5	48.0	45.5	42.9	40.4	37.9	35.4	32.8	30.3	27.8	25.3	22.7	20.2	17.7	15.2	12.6	10.1	7.6	5.4
2.98	29.65	97.3	57.7	3.93	2985	50.3	47.7	45.2	42.7	40.2	37.7	35.2	32.7	30.2	27.6	25.1	22.6	20.1	17.6	15.1	12.6	10.1	7.5	5.4

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
3.00	29.84	97.9	58.1	3.95	3000	50.0	47.5	45.0	42.5	40.0	37.5	35.0	32.5	30.0	27.5	25.0	22.5	20.0	17.5	15.0	12.5	10.0	7.5	5.3
3.02	30.04	98.6	58.3	3.97	3015	49.8	47.3	44.8	42.3	39.8	37.3	34.8	32.3	29.9	27.4	24.9	22.4	19.9	17.4	14.9	12.4	10.0	7.5	5.3
3.04	30.24	99.2	58.6	3.99	3030	49.5	47.0	44.6	42.1	39.6	37.1	34.7	32.2	29.7	27.2	24.8	22.3	19.8	17.3	14.9	12.4	9.9	7.4	5.3
3.06	30.44	99.9	58.9	4.01	3045	49.3	46.8	44.3	41.9	39.4	36.9	34.5	32.0	29.6	27.1	24.6	22.2	19.7	17.2	14.8	12.3	9.9	7.4	5.2
3.08	30.64	100.5	59.2	4.03	3060	49.0	46.6	44.1	41.7	39.2	36.8	34.3	31.9	29.4	27.0	24.5	22.1	19.6	17.2	14.7	12.3	9.8	7.4	5.2
3.10	30.84	101.2	59.5	4.05	3075	48.8	46.3	43.9	41.5	39.0	36.6	34.1	31.7	29.3	26.8	24.4	22.0	19.5	17.1	14.6	12.2	9.8	7.3	5.2
3.12	31.04	101.8	59.8	4.07	3090	48.5	46.1	43.7	41.3	38.8	36.4	34.0	31.6	29.1	26.7	24.3	21.8	19.4	17.0	14.6	12.1	9.7	7.3	5.2
3.14	31.24	102.5	60.0	4.09	3105	48.3	45.9	43.5	41.1	38.6	36.2	33.8	31.4	29.0	26.6	24.2	21.7	19.3	16.9	14.5	12.1	9.7	7.2	5.1
3.16	31.44	103.1	60.3	4.11	3120	48.1	45.7	43.3	40.9	38.5	36.1	33.7	31.3	28.8	26.4	24.0	21.6	19.2	16.8	14.4	12.0	9.6	7.2	5.1
3.18	31.63	103.8	60.6	4.13	3135	47.8	45.5	43.1	40.7	38.3	35.9	33.5	31.1	28.7	26.3	23.9	21.5	19.1	16.7	14.4	12.0	9.6	7.2	5.1
3.20	31.83	104.4	60.9	4.14	3150	47.6	45.2	42.9	40.5	38.1	35.7	33.3	31.0	28.6	26.2	23.8	21.4	19.0	16.7	14.3	11.9	9.5	7.1	5.1
3.22	32.03	105.1	61.2	4.16	3165	47.4	45.0	42.7	40.3	37.9	35.5	33.2	30.8	28.4	26.1	23.7	21.3	19.0	16.6	14.2	11.8	9.5	7.1	5.0
3.24	32.23	105.7	61.5	4.18	3180	47.2	44.8	42.5	40.1	37.7	35.4	33.0	30.7	28.3	25.9	23.6	21.2	18.9	16.5	14.2	11.8	9.4	7.1	5.0
3.26	32.43	106.4	61.8	4.20	3195	46.9	44.6	42.3	39.9	37.6	35.2	32.9	30.5	28.2	25.8	23.5	21.1	18.8	16.4	14.1	11.7	9.4	7.0	5.0
3.28	32.63	107.1	62.1	4.22	3210	46.7	44.4	42.1	39.7	37.4	35.0	32.7	30.4	28.0	25.7	23.4	21.0	18.7	16.4	14.0	11.7	9.3	7.0	5.0
3.30	32.83	107.7	62.4	4.24	3225	46.5	44.2	41.9	39.5	37.2	34.9	32.6	30.2	27.9	25.6	23.3	20.9	18.6	16.3	14.0	11.6	9.3	7.0	5.0
3.32	33.03	108.4	62.7	4.26	3240	46.3	44.0	41.7	39.4	37.0	34.7	32.4	30.1	27.8	25.5	23.1	20.8	18.5	16.2	13.9	11.6	9.3	6.9	4.9
3.34	33.23	109.0	62.9	4.28	3255	46.1	43.8	41.5	39.2	36.9	34.6	32.3	30.0	27.6	25.3	23.0	20.7	18.4	16.1	13.8	11.5	9.2	6.9	4.9
3.36	33.43	109.7	63.2	4.30	3270	45.9	43.6	41.3	39.0	36.7	34.4	32.1	29.8	27.5	25.2	22.9	20.6	18.3	16.1	12.8	11.5	9.2	6.9	4.9
3.38	33.62	110.3	63.5	4.32	3285	45.7	43.4	41.1	38.8	36.5	34.2	32.0	29.7	27.4	25.1	22.8	20.5	18.3	16.0	13.7	11.4	9.1	6.8	4.9
3.40	33.82	111.0	63.8	4.34	3300	45.5	43.2	40.9	38.6	36.4	34.1	31.8	29.5	27.3	25.0	22.7	20.5	18.2	15.9	13.6	11.4	9.1	6.8	4.8
3.42	34.02	111.6	64.1	4.36	3315	45.2	43.0	40.7	38.5	36.2	33.9	31.7	29.4	27.1	24.9	22.6	20.4	18.1	15.8	13.6	11.3	9.0	6.8	4.8
3.44	34.22	112.3	64.4	4.38	3330	45.0	42.8	40.5	38.3	36.0	33.8	31.5	29.3	27.0	24.8	22.5	20.3	18.0	15.8	13.5	11.3	9.0	6.8	4.8
3.46	34.42	112.9	64.7	4.40	3345	44.9	42.6	40.4	38.1	35.9	33.6	31.4	29.1	26.9	24.7	22.4	20.2	17.9	15.7	13.5	11.2	9.0	6.7	4.8
3.48	34.62	113.6	65.0	4.42	3360	44.6	42.4	40.2	37.9	35.7	33.5	31.3	29.0	26.8	24.6	22.3	20.1	17.9	15.6	13.4	11.2	8.9	6.7	4.8

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATA absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
3.50	34.82	114.2	65.3	4.44	3375	44.4	42.2	40.0	37.8	35.6	33.3	31.1	28.9	26.7	24.4	22.2	20.0	17.8	15.6	13.3	11.1	8.9	6.7	4.7
3.52	35.02	114.9	65.6	4.46	3390	44.2	42.0	39.8	37.6	35.4	33.2	31.0	28.8	26.5	24.3	22.1	19.9	17.7	15.5	13.3	11.1	8.8	6.6	4.7
3.54	35.22	115.5	65.8	4.48	3405	44.1	41.9	39.6	37.4	35.2	33.0	30.8	28.6	26.4	24.2	22.0	19.8	17.6	15.4	13.2	11.0	8.8	6.6	4.7
3.56	35.42	116.2	66.1	4.50	3420	43.9	41.7	39.5	37.3	35.1	32.9	30.7	28.5	26.3	24.1	21.9	19.7	17.5	15.4	13.2	11.0	8.8	6.6	4.7
3.58	35.61	116.8	66.4	4.52	3435	43.7	41.5	39.3	37.1	34.9	32.8	30.6	28.4	26.2	24.0	21.8	19.7	17.5	15.3	13.1	10.9	8.7	6.6	4.7
3.60	35.81	117.5	66.7	4.54	3450	43.5	41.3	39.1	37.0	34.8	32.6	30.4	28.3	26.1	23.9	21.7	19.6	17.4	15.2	13.0	10.9	8.7	6.5	4.6
3.62	36.01	118.1	67.0	4.56	3465	43.3	41.1	39.0	36.8	34.6	32.5	30.3	28.1	26.0	23.8	21.6	19.5	17.3	15.2	13.0	10.8	8.7	6.5	4.6
3.64	36.21	118.8	67.3	4.58	3480	43.1	42.9	38.8	36.6	34.5	32.3	30.2	28.0	25.9	23.7	21.6	19.4	17.2	15.1	12.9	10.8	8.6	6.5	4.6
3.66	36.41	119.5	67.6	4.60	3495	42.9	40.8	38.6	36.5	34.3	32.2	30.0	27.9	25.8	23.6	21.5	19.3	17.2	15.0	12.9	10.7	8.6	6.4	4.6
3.68	36.61	120.1	67.9	4.62	3510	42.7	40.6	38.5	36.3	34.2	32.1	29.9	27.8	25.6	23.5	21.4	19.2	17.1	15.0	12.8	10.7	8.5	6.4	4.6
3.70	36.81	120.9	68.2	4.64	3525	42.6	40.4	38.3	36.2	34.0	31.9	29.8	27.7	25.5	23.4	21.3	19.1	17.0	14.9	12.8	10.6	8.5	6.4	4.5
3.72	37.01	121.4	68.5	4.66	3540	42.4	40.3	38.1	36.0	33.9	31.8	29.7	27.5	25.4	23.3	21.2	19.1	16.9	14.8	12.7	10.6	8.5	6.4	4.5
3.74	37.21	122.1	68.7	4.68	3555	42.2	40.1	38.0	35.9	33.8	31.6	29.5	27.4	25.3	23.2	21.1	19.0	16.9	14.8	12.7	10.5	8.4	6.3	4.5
3.76	37.40	122.7	69.0	4.70	3570	42.0	39.9	37.8	35.7	33.6	31.5	29.4	27.3	25.2	23.1	21.0	18.9	16.8	14.7	12.6	10.5	8.4	6.3	4.5
3.78	37.60	123.4	69.3	4.72	3585	41.8	39.7	37.7	35.6	33.5	31.4	29.3	27.2	25.1	23.0	20.9	18.8	16.7	14.6	12.6	10.5	8.4	6.3	4.5
3.80	37.80	124.0	69.6	4.74	3600	41.7	39.6	37.5	35.4	33.3	31.3	29.2	27.1	25.0	22.9	20.8	18.8	16.7	14.6	12.5	10.4	8.3	6.3	4.4
3.82	38.00	124.7	69.9	4.76	3615	41.5	39.4	37.3	35.3	33.2	31.1	29.0	27.0	24.9	22.8	20.7	18.7	16.6	14.5	12.4	10.4	8.3	6.2	4.4
3.84	38.20	125.3	70.2	4.78	3630	41.3	39.3	37.2	35.1	33.1	31.0	28.9	26.9	24.8	22.7	20.7	18.6	16.5	14.5	12.4	10.3	8.3	6.2	4.4
3.86	38.40	126.0	70.5	4.80	3645	41.2	39.1	37.0	35.0	32.9	30.9	28.8	26.7	24.7	22.6	20.6	18.5	16.5	14.4	12.3	10.3	8.2	6.2	4.4
3.88	38.60	126.6	70.8	4.82	3660	41.0	38.9	36.9	34.8	32.8	30.7	28.7	26.6	24.6	22.5	20.5	18.4	16.4	14.3	12.3	10.2	8.2	6.1	4.4
3.90	38.80	127.3	71.1	4.84	3675	40.8	38.8	36.7	34.7	32.7	30.6	28.6	26.5	24.5	22.4	20.4	18.4	16.3	14.3	12.2	10.2	8.2	6.1	4.3
3.92	39.00	127.9	71.4	4.86	3690	40.7	38.6	36.6	34.6	32.5	30.5	28.5	26.4	24.4	22.4	20.3	18.3	16.3	14.2	12.2	10.2	8.1	6.1	4.3
3.94	39.20	128.6	71.6	4.88	3705	40.5	38.5	36.4	34.4	32.4	30.4	28.3	26.3	24.3	22.3	20.2	18.2	16.2	14.2	12.1	10.1	8.1	6.1	4.3
3.96	39.39	129.2	71.9	4.90	3720	40.3	38.3	36.3	34.3	32.3	30.2	28.2	26.2	24.2	22.2	20.2	18.1	16.1	14.1	12.1	10.1	8.1	6.0	4.3
3.98	39.59	129.9	72.2	4.91	3735	40.2	38.2	36.1	34.1	32.1	30.1	28.1	26.1	24.1	22.1	20.1	18.1	16.1	14.1	12.0	10.0	8.0	6.0	4.3

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	.9 675	.8 600	.7 525	.6 450	.5 375	.4 300	.3 225	.21 160
4.00	39.79	130.6	72.5	4.93	3750	40.0	38.0	36.0	34.0	32.0	30.0	28.0	26.0	24.0	22.0	20.0	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.3
4.02	39.99	131.2	72.6	4.95	3765	39.8	37.8	35.9	33.9	31.9	29.9	27.9	25.9	23.9	21.9	19.9	17.9	15.9	13.9	12.0	10.0	8.0	6.0	4.2
4.04	40.19	131.9	73.1	4.97	3780	39.7	37.7	35.7	33.7	31.7	29.8	27.8	25.8	23.8	21.8	19.8	17.9	15.9	13.9	11.9	9.9	7.9	6.0	4.2
4.06	40.39	132.5	73.4	4.99	3795	39.5	37.5	35.6	33.6	31.6	29.6	27.7	25.7	23.7	21.7	19.8	17.8	15.8	13.8	11.9	9.9	7.9	5.9	4.2
4.08	40.59	133.2	73.7	5.01	3810	39.4	37.4	35.4	33.5	31.5	29.5	27.6	25.6	23.6	21.7	19.7	17.7	15.7	13.8	11.8	9.8	7.9	5.9	4.2
4.10	40.79	133.8	74.0	5.03	3825	39.2	37.3	35.3	33.3	31.4	29.4	27.5	25.5	23.5	21.6	19.6	17.6	15.7	13.7	11.8	9.8	7.8	5.9	4.2
4.12	40.99	134.5	74.3	5.05	3840	39.1	37.1	35.2	33.2	31.3	29.3	27.3	25.4	23.4	21.5	19.5	17.6	15.6	13.7	11.7	9.8	7.8	5.9	4.2
4.14	41.19	135.1	74.6	5.07	3855	38.9	37.0	35.0	33.1	31.1	29.2	27.2	25.3	23.3	21.4	19.5	17.5	15.6	13.6	11.7	9.7	7.8	5.8	4.1
4.16	41.38	135.8	74.8	5.09	3870	38.8	36.8	34.9	32.9	31.0	29.1	27.1	25.2	23.3	21.3	19.4	17.4	15.5	13.6	11.6	9.7	7.8	5.8	4.1
4.18	41.58	136.4	75.1	5.11	3885	38.6	36.7	34.7	32.8	30.9	29.0	27.0	25.1	23.2	21.2	19.3	17.4	15.4	13.5	11.6	9.7	7.7	5.8	4.1
4.20	41.78	137.1	75.4	5.13	3900	38.5	36.5	34.6	32.7	30.8	28.8	26.9	25.0	23.1	21.2	19.2	17.3	15.4	13.5	11.5	9.6	7.7	5.8	4.1
4.22	41.98	137.7	75.7	5.15	3915	38.3	36.4	34.5	32.6	30.7	28.7	26.8	24.9	23.0	21.1	19.2	17.2	15.3	13.4	11.5	9.6	7.7	5.7	4.1
4.24	42.18	138.4	76.0	5.17	3930	38.2	36.3	34.4	32.4	30.5	28.6	26.7	24.8	22.9	21.0	19.1	17.2	15.3	13.4	11.5	9.5	7.6	5.7	4.1
4.26	42.38	139.0	76.3	5.19	3945	38.0	36.1	34.2	32.3	30.4	28.5	26.6	24.7	22.8	20.9	19.0	17.1	15.2	13.3	11.4	9.5	7.6	5.7	4.0
4.28	42.58	139.7	76.6	5.21	3960	37.9	36.0	34.1	32.2	30.3	28.4	26.5	24.6	22.7	20.8	18.9	17.0	15.2	13.3	11.4	9.5	7.6	5.7	4.0
4.30	42.78	140.3	76.9	5.23	3975	37.7	35.8	34.0	32.1	30.2	28.3	26.4	24.5	22.6	20.8	18.9	17.0	15.1	13.2	11.3	9.4	7.5	5.7	4.0
4.32	42.98	141.0	77.2	5.25	3990	37.6	35.7	33.8	32.0	30.1	28.2	26.3	24.4	22.6	20.7	18.8	16.9	15.0	13.2	11.3	9.4	7.5	5.6	4.0
4.34	43.17	141.6	77.5	5.27	4005	37.5	35.6	33.7	31.8	30.0	28.1	26.2	24.3	22.5	20.6	18.7	16.9	15.0	13.1	11.2	9.4	7.5	5.6	4.0
4.36	43.37	142.3	77.7	5.29	4020	37.3	35.4	33.6	31.7	29.9	28.0	26.1	24.3	22.4	20.5	18.7	16.8	14.9	13.1	11.2	9.3	7.5	5.6	4.0
4.38	43.57	143.0	78.0	5.31	4035	37.2	35.3	33.5	31.6	29.7	27.9	26.0	24.2	22.3	20.4	18.6	16.7	14.9	13.0	11.2	9.3	7.4	5.6	4.0
4.40	43.77	143.6	78.3	5.33	4050	37.0	35.2	33.3	31.5	29.6	27.8	25.9	24.1	22.2	20.4	18.5	16.7	14.8	13.0	11.1	9.3	7.4	5.6	3.9
4.42	43.97	144.3	78.6	5.35	4065	36.9	35.1	33.2	31.4	29.5	27.7	25.8	24.0	22.1	20.3	18.5	16.6	14.8	12.9	11.1	9.2	7.4	5.5	3.9
4.44	44.17	144.9	78.9	5.37	4080	36.8	34.9	33.1	31.3	29.4	27.6	25.7	23.9	22.1	20.2	18.4	16.5	14.7	12.9	11.0	9.2	7.4	5.5	3.9
4.46	44.37	145.6	79.2	5.39	4095	36.6	34.8	33.0	31.1	29.3	27.5	25.6	23.8	22.0	20.1	18.3	16.5	14.7	12.8	11.0	9.2	7.3	5.5	3.9
4.48	44.57	146.2	79.5	5.41	4110	36.5	34.7	32.8	31.0	29.2	27.4	25.5	23.7	21.9	20.1	18.2	16.4	14.6	12.8	10.9	9.1	7.3	5.5	3.9

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIG	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
4.50	44.77	146.9	79.8	5.43	4125	36.4	34.5	32.7	30.9	29.1	27.3	25.5	23.6	21.8	20.0	18.2	16.4	14.5	12.7	10.9	9.1	7.3	5.5	3.9
4.52	44.97	147.5	80.1	5.45	4140	36.2	34.4	32.6	30.8	29.0	27.2	25.4	23.6	21.7	19.9	18.1	16.3	14.5	12.7	10.9	9.1	7.2	5.4	3.9
4.54	45.16	148.2	80.4	5.47	4155	36.1	34.3	32.5	30.7	28.9	27.1	25.3	23.5	21.7	19.9	18.1	16.2	14.4	12.6	10.8	9.0	7.2	5.4	3.8
4.56	45.36	148.8	80.6	5.49	4170	36.0	34.2	32.4	30.6	28.8	27.0	25.2	23.4	21.6	19.8	18.0	16.2	14.4	12.6	10.8	9.0	7.2	5.4	3.8
4.58	45.56	149.5	80.9	5.51	4185	35.8	34.1	32.3	30.5	28.7	26.9	25.1	23.3	21.5	19.7	17.9	16.1	14.3	12.5	10.8	9.0	7.2	5.4	3.8
4.60	45.76	150.1	81.2	5.53	4200	35.7	33.9	32.1	30.4	28.6	26.8	25.0	23.2	21.4	19.6	17.9	16.1	14.3	12.5	10.7	8.9	7.1	5.4	3.8
4.62	45.96	150.8	81.5	5.55	4215	35.6	33.8	32.0	30.2	28.5	26.7	24.9	23.1	21.4	19.6	17.8	16.0	14.2	12.5	10.7	8.9	7.1	5.3	3.8
4.64	46.16	151.4	81.8	5.57	4230	35.5	33.7	31.9	30.1	28.4	26.6	24.8	23.0	21.3	19.5	17.7	16.0	14.2	12.4	10.6	8.9	7.1	5.3	3.8
4.66	46.36	152.1	82.1	5.59	4245	35.3	33.6	31.8	30.0	28.3	26.5	24.7	23.0	21.2	19.4	17.7	15.9	14.1	12.4	10.6	8.8	7.1	5.3	3.8
4.68	46.56	152.7	82.4	5.61	4260	35.2	33.5	31.7	29.9	28.2	26.4	24.6	22.9	21.1	19.4	17.6	15.8	14.1	12.3	10.6	8.8	7.0	5.3	3.8
4.70	46.76	153.4	82.7	5.63	4275	35.1	33.3	31.6	29.8	28.1	26.3	24.6	22.8	21.1	19.3	17.5	15.8	14.0	12.3	10.5	8.8	7.0	5.3	3.7
4.72	46.96	154.1	83.0	5.65	4290	35.0	33.2	31.5	29.7	28.0	26.2	24.5	22.7	21.0	19.2	17.5	15.7	14.0	12.2	10.5	8.7	7.0	5.2	3.7
4.74	47.15	154.7	83.3	5.66	4305	34.8	33.1	31.4	29.6	27.9	26.1	24.4	22.6	20.9	19.2	17.4	15.7	13.9	12.2	10.5	8.7	7.0	5.2	3.7
4.76	47.35	155.4	83.5	5.68	4320	34.7	33.0	31.3	29.5	27.8	26.0	24.3	22.6	20.8	19.1	17.4	15.6	13.9	12.2	10.4	8.7	6.9	5.2	3.7
4.78	47.55	156.0	83.8	5.71	4335	34.6	32.9	31.1	29.4	27.7	26.0	24.2	22.5	20.8	19.0	17.3	15.6	13.8	12.1	10.4	8.7	6.9	5.2	3.7
4.80	47.75	156.7	84.1	5.72	4350	34.5	32.8	31.0	29.3	27.6	25.9	24.1	22.4	20.7	19.0	17.2	15.5	13.8	12.1	10.3	8.6	6.9	5.2	3.7
4.82	47.95	157.3	84.4	5.74	4365	34.4	32.6	30.9	29.2	27.5	25.8	24.1	22.3	20.6	18.9	17.2	15.5	13.7	12.0	10.3	8.6	6.9	5.2	3.7
4.84	48.15	158.0	84.7	5.76	4380	34.2	32.5	30.8	29.1	27.4	25.7	24.0	22.3	20.5	18.8	17.1	15.4	13.7	12.0	10.3	8.6	6.8	5.1	3.6
4.86	48.35	158.6	85.0	5.78	4395	34.1	32.4	30.7	29.0	27.3	25.6	23.9	22.2	20.5	18.8	17.1	15.4	13.7	11.9	10.2	8.5	6.8	5.1	3.6
4.88	48.55	159.3	85.3	5.80	4410	34.0	32.3	30.6	28.9	27.2	25.5	23.8	22.1	20.4	18.7	17.0	15.3	13.6	11.9	10.2	8.5	6.8	5.1	3.6
4.90	48.75	159.9	85.6	5.82	4425	33.9	32.2	30.5	28.8	27.1	25.4	23.7	22.0	20.3	18.6	16.9	15.3	13.6	11.9	10.2	8.5	6.8	5.1	3.6
4.92	48.94	160.6	85.9	5.84	4440	33.8	32.1	30.4	28.7	27.0	25.3	23.6	22.0	20.3	18.6	16.9	15.2	13.5	11.8	10.1	8.4	6.8	5.1	3.6
4.94	49.14	161.2	86.2	5.86	4455	33.7	32.0	30.3	28.6	26.9	25.3	23.6	21.9	20.2	18.5	16.8	15.2	13.5	11.8	10.1	8.4	6.7	5.1	3.6
4.96	49.34	161.9	86.4	5.88	4470	33.6	31.9	30.2	28.5	26.8	25.2	23.5	21.8	20.1	18.5	16.8	15.1	13.4	11.7	10.1	8.4	6.7	5.0	3.6
4.98	49.54	162.5	86.7	5.90	4485	33.4	31.8	30.1	28.4	26.8	25.1	23.4	21.7	20.1	18.4	16.7	15.1	13.4	11.7	10.0	8.4	6.7	5.0	3.6

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATA absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
5.00	49.74	163.2	87.0	5.92	4500	33.3	31.7	30.0	28.3	26.7	25.0	23.3	21.7	20.0	18.3	16.7	15.0	13.3	11.7	10.0	8.3	6.7	5.0	3.6
5.02	49.94	163.8	87.3	5.94	4515	33.2	31.6	29.9	28.2	26.6	24.9	23.3	21.6	19.9	18.3	16.6	15.0	13.3	11.6	10.0	8.3	6.6	5.0	3.5
5.04	50.14	164.5	87.6	5.96	4530	33.1	31.5	29.8	28.1	26.5	24.8	23.2	21.5	19.9	18.2	16.6	14.9	13.2	11.6	9.9	8.3	6.6	5.0	3.5
5.06	50.34	165.1	87.9	5.98	4545	33.0	31.4	29.7	28.1	26.4	24.8	23.1	21.5	19.8	18.2	16.5	14.9	13.2	11.6	9.9	8.3	6.6	5.0	3.5
5.08	50.54	165.8	88.2	6.00	4560	32.9	31.3	29.6	28.0	26.3	24.7	23.0	21.4	19.7	18.1	16.4	14.8	13.2	11.5	9.9	8.2	6.6	4.9	3.5
5.10	50.74	166.5	88.5	6.02	4575	32.8	31.1	29.5	27.9	26.2	24.6	23.0	21.3	19.7	18.0	16.4	14.8	13.1	11.5	9.8	8.2	6.6	4.9	3.5
5.12	50.93	167.1	88.8	6.04	4590	32.7	31.0	29.4	27.8	26.1	24.5	22.9	21.2	19.6	18.0	16.3	14.7	13.1	11.4	9.8	8.2	6.5	4.9	3.5
5.14	51.13	167.8	89.1	6.06	4605	32.6	30.9	29.3	27.7	26.1	24.4	22.8	21.2	19.5	17.9	16.3	14.7	13.0	11.4	9.8	8.1	6.5	4.9	3.5
5.16	51.33	168.4	89.3	6.08	4620	32.5	30.8	29.2	27.6	26.0	24.4	22.7	21.1	19.5	17.9	16.2	14.6	13.0	11.4	9.7	8.1	6.5	4.9	3.5
5.18	51.53	169.1	89.6	6.10	4635	32.4	30.7	29.1	27.5	25.9	24.3	22.7	21.0	19.4	17.8	16.2	14.6	12.9	11.3	9.7	8.1	6.5	4.9	3.4
5.20	51.73	169.7	89.9	6.12	4650	32.3	30.6	29.0	27.4	25.8	24.2	22.6	21.0	19.4	17.7	16.1	14.5	12.9	11.3	9.7	8.1	6.5	4.8	3.4
5.22	51.93	170.4	90.2	6.14	4665	32.2	30.5	28.9	27.3	25.7	24.1	22.5	20.9	19.3	17.7	16.1	14.5	12.9	11.3	9.6	8.0	6.4	4.8	3.4
5.24	52.13	171.0	90.5	6.16	4680	32.1	30.4	28.8	27.2	25.6	24.0	22.4	20.8	19.2	17.6	16.0	14.4	12.8	11.2	9.6	8.0	6.4	4.8	3.4
5.26	52.33	171.7	90.8	6.18	4695	31.9	30.4	28.8	27.2	25.6	24.0	22.4	20.8	19.2	17.6	16.0	14.4	12.8	11.2	9.6	8.0	6.4	4.8	3.4
5.28	52.53	172.3	91.1	6.20	4710	31.8	30.3	28.7	27.1	25.5	23.9	22.3	20.7	19.1	17.5	15.9	14.3	12.7	11.1	9.6	8.0	6.4	4.8	3.4
5.30	52.72	173.0	91.4	6.22	4725	31.7	30.2	28.6	27.0	25.4	23.8	22.2	20.6	19.0	17.5	15.9	14.3	12.7	11.1	9.5	7.9	6.3	4.8	3.4
5.32	52.92	173.6	91.7	6.24	4740	31.6	30.1	28.5	26.9	25.3	23.7	22.2	20.6	19.0	17.4	15.8	14.2	12.7	11.1	9.5	7.9	6.3	4.7	3.4
5.34	53.12	174.3	92.0	6.26	4755	31.5	30.0	28.4	26.8	25.2	23.7	22.1	20.5	18.9	17.4	15.8	14.2	12.6	11.0	9.5	7.9	6.3	4.7	3.4
5.36	53.32	174.9	92.2	6.28	4770	31.4	29.9	28.3	26.7	25.2	23.6	22.0	20.4	18.9	17.3	15.7	14.2	12.6	11.0	9.4	7.9	6.3	4.7	3.3
5.38	53.52	175.6	92.5	6.30	4785	31.3	29.8	28.2	26.6	25.1	23.5	21.9	20.4	18.8	17.2	15.7	14.1	12.5	11.0	9.4	7.8	6.3	4.7	3.3
5.40	53.72	176.2	92.8	6.32	4800	31.3	29.7	28.1	26.6	25.0	23.4	21.9	20.3	18.8	17.2	15.6	14.1	12.5	10.9	9.4	7.8	6.3	4.7	3.3
5.42	53.92	176.9	93.1	6.34	4815	31.2	29.6	28.0	26.5	24.9	23.4	21.8	20.2	18.7	17.1	15.6	14.0	12.5	10.9	9.3	7.8	6.2	4.7	3.3
5.44	54.12	177.6	93.4	6.36	4830	31.1	29.5	28.0	26.4	24.8	23.3	21.7	20.2	18.6	17.1	15.5	14.0	12.4	10.9	9.3	7.8	6.2	4.7	3.3
5.46	54.32	178.2	93.7	6.38	4845	31.0	29.4	27.9	26.3	24.8	23.2	21.7	20.1	18.6	17.0	15.5	13.9	12.4	10.8	9.3	7.7	6.2	4.6	3.3
5.48	54.52	178.9	94.0	6.40	4860	30.9	29.3	27.8	26.2	24.7	23.1	21.6	20.1	18.5	17.0	15.4	13.9	12.3	10.8	9.3	7.7	6.2	4.6	3.3

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
5.59	54.71	179.5	94.3	6.41	4875	30.8	29.2	27.7	26.2	24.6	23.1	21.5	20.0	18.5	16.9	15.4	13.8	12.3	10.8	9.2	7.7	6.2	4.6	3.3
5.52	54.91	180.2	94.6	6.43	4891	30.7	29.1	27.6	26.1	24.5	23.0	21.5	19.9	18.4	16.9	15.3	13.8	12.3	10.7	9.2	7.7	6.1	4.6	3.3
5.54	55.11	180.8	94.9	6.45	4905	30.6	29.1	27.5	26.0	24.5	22.9	21.4	19.9	18.3	16.8	15.3	13.8	12.2	10.7	9.2	7.6	6.1	4.6	3.3
5.56	55.31	181.5	95.1	6.47	4920	30.5	29.0	27.4	25.9	24.4	22.9	21.3	19.8	18.3	16.8	15.2	13.7	12.2	10.7	9.1	7.6	6.1	4.6	3.2
5.58	55.51	182.1	95.4	6.49	4935	30.4	28.9	27.4	25.8	24.3	22.8	21.3	19.8	18.2	16.7	15.2	13.7	12.2	10.6	9.1	7.6	6.1	4.6	3.2
5.60	55.71	182.8	95.7	6.51	4950	30.3	28.8	27.3	25.8	24.2	22.7	21.2	19.7	18.2	16.7	15.2	13.6	12.1	10.6	9.1	7.6	6.1	4.5	3.2
5.62	55.91	183.4	96.0	6.53	4965	30.2	28.7	27.2	25.7	24.2	22.7	21.1	19.6	18.1	16.6	15.1	13.6	12.1	10.6	9.1	7.6	6.0	4.5	3.2
5.64	56.11	184.1	96.3	6.55	4980	30.1	28.6	27.1	25.6	24.1	22.6	21.1	19.6	18.1	16.6	15.1	13.6	12.0	10.5	9.0	7.5	6.0	4.5	3.2
5.66	56.31	184.7	96.6	6.57	4995	30.0	28.5	27.0	25.5	24.0	22.5	21.0	19.5	18.0	16.5	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.2
5.68	56.51	185.4	96.9	6.59	5010	29.9	28.4	26.9	25.4	24.0	22.5	21.0	19.5	18.0	16.5	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.2
5.70	56.70	186.0	97.2	6.61	5025	29.9	28.4	26.9	25.4	23.9	22.4	20.9	19.4	17.9	16.4	14.9	13.4	11.9	10.4	9.0	7.5	6.0	4.5	3.2
5.72	56.90	186.7	97.5	6.63	5040	29.8	28.3	26.8	25.3	23.8	22.3	20.8	19.3	17.9	16.4	14.9	13.4	11.9	10.4	8.9	7.4	6.0	4.5	3.2
5.74	57.10	187.3	97.8	6.65	5055	29.7	28.2	26.7	25.2	23.7	22.3	20.8	19.3	17.8	16.3	14.8	13.4	11.9	10.4	8.9	7.4	5.9	4.5	3.2
5.76	57.30	188.0	98.0	6.67	5070	29.6	28.1	26.6	25.1	23.7	22.2	20.7	19.2	17.8	16.3	14.8	13.3	11.8	10.4	8.9	7.4	5.9	4.4	3.2
5.78	57.50	188.6	98.3	6.69	5085	29.5	28.0	26.5	25.1	23.6	22.1	20.6	19.2	17.7	16.2	14.7	13.3	11.8	10.3	8.8	7.4	5.9	4.4	3.1
5.80	57.70	189.3	98.6	6.71	5100	29.4	27.9	26.5	25.0	23.5	22.1	20.6	19.1	17.6	16.2	14.7	13.2	11.8	10.3	8.8	7.4	5.9	4.4	3.1
5.82	57.90	190.0	98.9	6.73	5115	29.3	27.9	26.4	24.9	23.5	22.0	20.5	19.1	17.6	16.1	14.7	13.2	11.7	10.3	8.8	7.3	5.9	4.4	3.1
5.84	58.10	190.6	99.2	6.75	5130	29.2	27.8	26.3	24.9	23.4	21.9	20.5	19.0	17.5	16.1	14.6	13.2	11.7	10.2	8.8	7.3	5.8	4.4	3.1
5.86	58.30	191.3	99.5	6.77	5145	29.2	27.7	26.2	24.8	23.3	21.9	20.4	19.0	17.5	16.0	14.6	13.1	11.7	10.2	8.7	7.3	5.8	4.4	3.1
5.88	58.49	191.9	99.8	6.79	5160	29.1	27.6	26.2	24.7	23.3	21.8	20.3	18.9	17.4	16.0	14.5	13.1	11.6	10.2	8.7	7.3	5.8	4.4	3.1
5.90	58.69	192.6	100.1	6.81	5175	29.0	27.5	26.1	24.6	23.2	21.7	20.3	18.8	17.4	15.9	14.5	13.0	11.6	10.1	8.7	7.2	5.8	4.3	3.1
5.92	58.89	193.2	100.4	6.83	5190	28.9	27.5	26.0	24.6	23.1	21.7	20.2	18.8	17.3	15.9	14.5	13.0	11.6	10.1	8.7	7.2	5.8	4.3	3.1
5.94	59.09	193.9	100.7	6.85	5205	28.8	27.4	25.9	24.5	23.1	21.6	20.2	18.7	17.3	15.9	14.4	13.0	11.5	10.1	8.6	7.2	5.8	4.3	3.1
5.96	59.29	194.5	100.9	6.87	5220	28.7	27.3	25.9	24.4	23.0	21.6	20.1	18.7	17.2	15.8	14.4	12.9	11.5	10.1	8.6	7.2	5.7	4.3	3.1
5.98	59.49	195.2	101.2	6.89	5235	28.7	27.2	25.8	24.4	22.9	21.5	20.1	18.6	17.2	15.8	14.3	12.9	11.5	10.0	8.6	7.2	5.7	4.3	3.1

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
6.00	59.69	195.8	101.5	6.91	5250	28.6	27.1	25.7	24.3	22.9	21.4	20.0	18.6	17.1	15.7	14.3	12.9	11.4	10.0	8.6	7.1	5.7	4.3	3.0
6.02	59.89	196.5	101.8	6.93	5265	28.5	27.1	25.6	24.2	22.8	21.4	19.9	18.5	17.1	15.7	14.2	12.8	11.4	10.0	8.5	7.1	5.7	4.3	3.0
6.04	60.09	197.1	102.1	6.95	5280	28.4	27.0	25.6	24.1	22.7	21.3	19.9	18.5	17.0	15.6	14.2	12.8	11.4	9.9	8.5	7.1	5.7	4.3	3.0
6.06	60.29	197.8	102.4	6.97	5295	28.3	26.9	25.5	24.1	22.7	21.2	19.8	18.4	17.0	15.6	14.2	12.7	11.3	9.9	8.5	7.1	5.7	4.2	3.0
6.08	60.48	198.4	102.7	6.99	5310	28.2	26.8	25.4	24.0	22.6	21.2	19.8	18.4	16.9	15.5	14.1	12.7	11.3	9.9	8.5	7.1	5.6	4.2	3.0
6.10	60.68	199.1	103.0	7.01	5325	28.2	26.8	25.4	23.9	22.5	21.1	19.7	18.3	16.9	15.5	14.1	12.7	11.3	9.9	8.5	7.0	5.6	4.2	3.0
6.12	60.88	199.7	103.3	7.03	5340	28.1	26.7	25.3	23.9	22.5	21.1	19.7	18.3	16.9	15.4	14.0	12.6	11.2	9.8	8.4	7.0	5.6	4.2	3.0
6.14	61.08	200.4	103.6	7.05	5355	28.0	26.6	25.2	23.8	22.4	21.0	19.6	18.2	16.8	15.4	14.0	12.6	11.2	9.8	8.4	7.0	5.6	4.2	3.0
6.16	61.28	201.1	103.8	7.07	5370	27.9	26.5	25.1	23.7	22.3	20.9	19.6	18.2	16.8	15.4	14.0	12.6	11.2	9.8	8.4	7.0	5.6	4.2	3.0
6.18	61.48	201.7	104.1	7.09	5385	27.9	26.5	25.1	23.7	22.3	20.9	19.5	18.1	16.7	15.3	13.9	12.5	11.1	9.7	8.4	7.0	5.6	4.2	3.0
6.20	61.68	202.4	104.4	7 11	5400	27.8	26.4	25.0	23.6	22.2	20.8	19.4	18.1	16.7	15.3	13.9	12.5	11.1	9.7	8.3	6.9	5.6	4.2	3.0
6.22	61.88	203.0	104.7	7.13	5415	27.7	26.3	24.9	23.5	22.2	20.8	19.4	18.0	16.6	15.2	13.9	12.5	11.1	9.7	8.3	6.9	5.5	4.2	3.0
6.24	62.08	203.7	105.0	7.15	5430	27.6	26.2	24.9	23.5	22.1	20.7	19.3	18.0	16.6	15.2	13.8	12.4	11.0	9.7	8.3	6.9	5.5	4.1	2.9
6.26	62.28	204.3	105.3	7.16	5445	27.5	26.2	24.8	23.4	22.0	20.7	19.3	17.9	16.5	15.2	13.8	12.4	11.0	9.6	8.3	6.9	5.5	4.1	2.9
6.28	62.47	205.0	105.6	7.18	5460	27.5	26.1	24.7	23.4	22.0	20.6	19.2	17.9	16.5	15.1	13.7	12.4	11.0	9.6	8.2	6.9	5.5	4.1	2.9
6.30	62.67	205.6	105.9	7.20	5475	27.4	26.0	24.7	23.3	21.9	20.5	19.2	17.8	16.4	15.1	13.7	12.3	11.0	9.6	8.2	6.8	5.5	4.1	2.9
6.32	62.87	206.3	106.2	7.22	5490	27.3	26.0	24.6	23.2	21.9	20.5	19.1	17.8	16.4	15.0	13.7	12.3	10.9	9.6	8.2	6.8	5.5	4.1	2.9
6.34	63.07	206.9	106.5	7.24	5505	27.2	25.9	24.5	23.2	21.8	20.4	19.1	17.7	16.3	15.0	13.6	12.3	10.9	9.5	8.2	6.8	5.4	4.1	2.9
6.36	63.27	207.6	106.7	7.26	5520	27.2	25.8	24.5	23.1	21.7	20.4	19.0	17.7	16.3	14.9	13.6	12.2	10.9	9.5	8.2	6.8	5.4	4.1	2.9
6.38	63.47	208.2	107.0	7.28	5535	27.1	25.7	24.4	23.0	21.7	20.3	19.0	17.6	16.3	14.9	13.6	12.2	10.8	9.5	8.1	6.8	5.4	4.1	2.9
6.40	63.67	208.9	107.3	7.30	5550	27.0	25.7	24.3	23.0	21.6	20.3	18.9	17.6	16.2	14.9	13.5	12.2	10.8	9.5	8.1	6.8	5.4	4.1	2.9
6.42	63.87	209.5	107.6	7.32	5565	27.0	25.6	24.3	22.9	21.6	20.2	18.9	17.5	16.2	14.8	13.5	12.1	10.8	9.4	8.1	6.7	5.4	4.0	2.9
6.44	64.07	210.2	107.9	7.34	5580	26.9	25.5	24.2	22.8	21.5	20.2	18.8	17.5	16.1	14.8	13.4	12.1	10.8	9.4	8.1	6.7	5.4	4.0	2.9
6.46	64.26	210.8	108.2	7.36	5595	26.8	25.5	24.1	22.8	21.4	20.1	18.8	17.4	16.1	14.7	13.4	12.1	10.7	9.4	8.0	6.7	5.4	4.0	2.9
6.48	64.46	211.5	108.5	7.38	5610	26.7	25.4	24.1	22.7	21.4	20.1	18.7	17.4	16.0	14.7	13.4	12.0	10.7	9.4	8.0	6.7	5.3	4.0	2.8

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW	FSW	PSIA	ATM	MM Hg	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.21
(	gauge	)	(	absolute	)	1500	1425	1350	1275	1200	1125	1050	975	900	825	750	675	600	525	450	375	300	225	160
6.50	64.66	212.1	108.8	7.40	5625	26.7	25.3	24.0	22.7	21.3	20.0	18.7	17.3	16.0	14.7	13.3	12.0	10.7	9.3	8.0	6.7	5.3	4.0	2.8
6.52	64.86	212.8	109.1	7.42	5640	26.6	25.3	23.9	22.6	21.3	19.9	18.6	17.3	16.0	14.6	13.3	12.0	10.6	9.3	8.0	6.6	5.3	4.0	2.8
6.54	65.06	213.5	109.4	7.44	5655	26.5	25.2	23.9	22.5	21.2	19.9	18.6	17.2	15.9	14.6	13.3	11.9	10.6	9.3	8.0	6.6	5.3	4.0	2.8
6.56	65.26	214.1	109.7	7.46	5670	26.5	25.1	23.8	22.5	21.2	19.8	18.5	17.2	15.9	14.6	13.2	11.9	10.6	9.3	7.9	6.6	5.3	4.0	2.8
6.58	65.46	214.8	109.9	7.48	5685	26.4	25.1	23.7	22.4	21.1	19.8	18.5	17.2	15.8	14.5	13.2	11.9	10.6	9.2	7.9	6.6	5.3	4.0	2.8
6.60	65.66	215.4	110.2	7.50	5700	26.3	25.0	23.7	22.4	21.1	19.7	18.4	17.1	15.8	14.5	13.2	11.8	10.5	9.2	7.9	6.6	5.3	3.9	2.8
6.62	65.86	216.1	110.5	7.52	5715	26.2	24.9	23.6	22.3	21.0	19.7	18.4	17.1	15.7	14.4	13.1	11.8	10.5	9.2	7.9	6.6	5.2	3.9	2.8
6.64	66.06	216.7	110.8	7.54	5730	26.2	24.9	23.6	22.3	20.9	19.6	18.3	17.0	15.7	14.4	13.1	11.8	10.5	9.2	7.9	6.5	5.2	3.9	2.8
6.66	66.25	217.4	111.1	7.56	5745	26.1	24.8	23.5	22.2	20.9	19.6	18.3	17.0	15.7	14.4	13.1	11.7	10.4	9.1	7.8	6.5	5.2	3.9	2.8
6.68	66.45	218.0	111.4	7.58	5760	26.0	24.7	23.4	22.1	20.8	19.5	18.2	16.9	15.6	14.3	13.0	11.7	10.4	9.1	7.8	6.5	5.2	3.9	2.8
6.70	66.65	218.7	111.7	7.60	5775	26.0	24.7	23.4	22.1	20.8	19.5	18.2	16.9	15.6	14.3	13.0	11.7	10.4	9.1	7.8	6.5	5.2	3.9	2.8
6.72	66.85	219.3	112.0	7.62	5790	25.9	24.6	23.3	22.0	20.7	19.4	18.1	16.8	15.5	14.2	13.0	11.7	10.4	9.1	7.8	6.5	5.2	3.9	2.8
6.74	67.05	220.0	112.3	7.64	5805	25.8	24.5	23.3	22.0	20.7	19.4	18.1	16.8	15.5	14.2	12.9	11.6	10.3	9.0	7.8	6.5	5.2	3.9	2.8
6.76	67.25	220.6	112.6	7.66	5820	25.8	24.5	23.2	21.9	20.6	19.3	18.0	16.8	15.5	14.2	12.9	11.6	10.3	9.0	7.7	6.4	5.2	3.9	2.7
6.78	67.45	221.3	112.8	7.68	5835	25.7	24.4	23.1	21.9	20.6	19.3	18.0	16.7	15.4	14.1	12.9	11.6	10.3	9.0	7.7	6.4	5.1	3.9	2.7
6.80	67.65	221.9	113.1	7.70	5850	25.6	24.4	23.1	21.8	20.5	19.2	17.9	16.7	15.4	14.1	12.8	11.5	10.3	9.0	7.7	6.4	5.1	3.8	2.7
6.82	67.85	222.6	113.4	7.72	5865	25.6	24.3	23.0	21.7	20.5	19.2	17.9	16.6	15.3	14.1	12.8	11.5	10.2	9.0	7.7	6.4	5.1	3.8	2.7
6.84	68.05	223.2	113.7	7.74	5880	25.5	24.2	23.0	21.7	20.4	19.1	17.9	16.6	15.3	14.0	12.8	11.5	10.2	8.9	7.7	6.4	5.1	3.8	2.7
6.86	68.24	223.9	114.0	7.76	5895	25.4	24.2	22.9	21.6	20.4	19.1	17.8	16.5	15.3	14.0	12.7	11.5	10.2	8.9	7.6	6.4	5.1	3.8	2.7
6.88	68.44	224.5	114.3	7.78	5910	25.4	24.1	22.8	21.6	20.3	19.0	17.8	16.5	15.2	14.0	12.7	11.4	10.2	8.9	7.6	6.3	5.1	3.8	2.7
6.90	68.64	225.2	114.6	7.80	5925	25.3	24.1	22.8	21.5	20.3	19.0	17.7	16.5	15.2	13.9	12.7	11.4	10.1	8.9	7.6	6.3	5.1	3.8	2.7
6.92	68.84	225.9	114.9	7.82	5940	25.3	24.0	22.7	21.5	20.2	18.9	17.7	16.4	15.2	13.9	12.6	11.4	10.1	8.8	7.6	6.3	5.1	3.8	2.7
6.94	69.04	226.5	115.2	7.84	5955	25.2	23.9	22.7	21.4	20.2	18.9	17.6	16.4	15.1	13.9	12.6	11.3	10.1	8.8	7.6	6.3	5.0	3.8	2.7
6.96	69.24	227.2	115.5	7.86	5970	25.1	23.9	22.6	21.4	20.1	18.8	17.6	16.3	15.1	13.8	12.6	11.3	10.1	8.8	7.5	6.3	5.0	3.8	2.7
6.98	69.44	227.8	115.7	7.88	5985	25.1	23.8	22.6	21.3	20.1	18.8	17.5	16.3	15.0	13.8	12.5	11.3	10.0	8.8	7.5	6.3	5.0	3.8	2.7

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW (gauge)	FSW	PSIA	ATM (absolute)	MM Hg	2.3 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
7.00	69.64	228.5	116.0	7.90	6001	25.0	23.8	22.5	21.3	20.0	18.8	17.5	16.3	15.0	13.8	12.5	11.3	10.0	8.8	7.5	6.3	5.0	3.8	2.7
7.02	69.84	229.1	116.3	7.91	6015	24.9	23.7	22.4	21.2	20.0	18.7	17.5	16.2	15.0	13.7	12.5	11.2	10.0	8.7	7.5	6.2	5.0	3.7	2.7
7.04	70.03	229.8	116.6	7.93	6030	24.9	23.6	22.4	21.1	19.9	18.7	17.4	16.2	14.9	13.7	12.4	11.2	10.0	8.7	7.5	6.2	5.0	3.7	2.6
7.06	70.23	230.4	116.9	7.95	6045	24.8	23.6	22.3	21.1	19.9	18.6	17.4	16.1	14.9	13.6	12.4	11.2	9.9	8.7	7.4	6.2	5.0	3.7	2.6
7.08	70.43	231.1	117.2	7.97	6060	24.8	23.5	22.3	21.0	19.8	18.6	17.3	16.1	14.9	13.6	12.4	11.1	9.9	8.7	7.4	6.2	5.0	3.7	2.6
7.10	70.63	231.7	117.5	7.99	6075	24.7	23.5	22.2	21.0	19.8	18.5	17.3	16.0	14.8	13.6	12.3	11.1	9.9	8.6	7.4	6.2	4.9	3.7	2.6
7.12	70.83	232.4	117.8	8.01	6090	24.6	23.4	22.2	20.9	19.7	18.5	17.2	16.0	14.8	13.5	12.3	11.1	9.9	8.6	7.4	6.2	4.9	3.7	2.6
7.14	71.03	233.0	118.1	8.03	6105	24.6	23.3	22.1	20.9	19.7	18.4	17.2	16.0	14.7	13.5	12.3	11.1	9.8	8.6	7.4	6.1	4.9	3.7	2.6
7.16	71.23	233.7	118.4	8.05	6120	24.5	23.3	22.1	20.8	19.6	18.4	17.2	15.9	14.7	13.5	12.3	11.0	9.8	8.6	7.4	6.1	4.9	3.7	2.6
7.18	71.43	234.3	118.6	8.07	6135	24.4	23.2	22.0	20.8	19.6	18.3	17.1	15.9	14.7	13.4	12.2	11.0	9.8	8.6	7.3	6.1	4.9	3.7	2.6
7.20	71.63	235.0	118.9	8.09	6150	24.4	23.2	22.0	20.7	19.5	18.3	17.1	15.9	6	13.4	12.2	11.0	9.8	8.5	7.3	6.1	4.9	3.7	2.6
7.22	71.83	235.6	119.2	8.11	6165	24.3	23.1	21.9	20.7	19.5	18.2	17.0	15.8	14.6	13.4	12.2	10.9	9.7	8.5	7.3	6.1	4.9	3.6	2.6
7.24	72.02	236.3	119.5	8.13	6180	24.3	23.1	21.8	20.6	19.4	18.2	17.0	15.8	14.6	13.3	12.1	10.9	9.7	8.5	7.3	6.1	4.9	3.6	2.6
7.26	72.22	237.0	119.8	8.15	6195	24.2	23.0	21.8	20.6	19.4	18.2	16.9	15.7	14.5	13.3	12.1	10.9	9.7	8.5	7.3	6.1	4.8	3.6	2.6
7.28	72.42	237.6	120.1	8.17	6210	24.2	22.9	21.7	20.5	19.3	18.1	16.9	15.7	14.5	13.3	12.1	10.9	9.7	8.5	7.2	6.0	4.8	3.6	2.6
7.30	72.62	238.3	120.4	8.19	6225	24.1	22.9	21.7	20.5	19.3	18.1	16.9	15.7	14.5	13.3	12.0	10.8	9.6	8.4	7.2	6.0	4.8	3.6	2.6
7.32	72.82	238.9	120.7	8.21	6240	24.1	22.8	21.6	20.4	19.2	18.0	16.8	15.6	14.4	13.2	12.0	10.8	9.6	8.4	7.2	6.0	4.8	3.6	2.6
7.34	73.02	239.6	121.0	8.23	6256	24.0	22.8	21.6	20.4	19.2	18.0	16.8	15.6	14.4	13.2	12.0	10.8	9.6	8.4	7.2	6.0	4.8	3 6	2.6
7.36	73.22	240.2	121.3	8.25	6271	23.9	22.7	21.5	20.3	19.1	17.9	16.7	15.6	14.4	13.2	12.0	10.8	9.6	8.4	7.2	6.0	4.8	3.6	2.5
7.38	73.42	240.9	121.5	8.27	6286	23.9	22.7	21.5	20.3	19.1	17.9	16.7	15.5	14.3	13.1	11.9	10.7	9.5	8.4	7.2	6.0	4.8	3.6	2.5
7.40	73.62	241.5	121.8	8.29	6301	23.8	22.6	21.4	20.2	19.0	17.9	16.7	15.5	14.3	13.1	11.9	10.7	9.5	8.3	7.1	6.0	4.8	3.6	2.5
7.42	73.81	242.2	122.1	8.31	6316	23.8	22.6	21.4	20.2	19.0	17.8	16.6	15.4	14.3	13.1	11.9	10.7	9.5	8.3	7.1	5.9	4.8	3.6	2.5
7.44	74.01	242.8	122.4	8.33	6331	23.7	22.5	21.3	20.1	19.0	17.8	16.6	15.4	14.2	13.0	11.8	10.7	9.5	8.3	7.1	5.9	4 7	3.6	2.5
7.46	74.21	243.5	122.7	8.35	6346	23.6	22.5	21.3	20.1	18.9	17.7	16.5	15.4	14.2	13.0	11.8	10.6	9.5	8.3	7.1	5.9	4.7	3.5	2.5
7.48	74.41	244.1	123.0	8.37	6361	23.6	22.4	21.2	20.0	18.9	17.7	16.5	15.3	14.2	13.0	11.8	10.6	9.4	8.3	7.1	5.9	4.7	3.5	2.5

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
7.50	74.61	244.8	123.3	8.39	6376	23.5	22.4	21.2	20.0	18.8	17.6	16.5	15.3	14.1	12.9	11.8	10.6	9.4	8.2	7.1	5.9	4.7	3.5	2.5
7.52	74.81	245.4	123.6	8.41	6391	23.5	22.3	21.1	20.0	18.8	17.6	16.4	15.3	14.1	12.9	11.7	10.6	9.4	8.2	7.0	5.9	4.7	3.5	2.5
7.54	75.01	246.1	123.9	8.43	6406	23.4	22.2	21.1	19.9	18.7	17.6	16.4	15.2	14.1	12.9	11.7	10.5	9.4	8.2	7.0	5.9	4.7	3.5	2.5
7.56	75.21	246.7	124.2	8.45	6421	23.4	22.2	21.0	19.9	18.7	17.5	16.4	15.2	14.0	12.9	11.7	10.5	9.3	8.2	7.0	5.8	4.7	3.5	2.5
7.58	75.41	247.4	124.4	8.47	6436	23.3	22.1	21.0	19.8	18.6	17.5	16.3	15.2	14.0	12.8	11.7	10.5	9.3	8.2	7.0	5.8	4.7	3.5	2.5
7.60	75.61	248.0	124.7	8.49	6451	23.3	22.1	20.9	19.8	18.6	17.4	16.3	15.1	14.0	12.8	11.6	10.5	9.3	8.1	7.0	5.8	4.7	3.5	2.5
7.62	75.80	248.7	125.0	8.51	6466	23.2	22.0	20.9	19.7	18.6	17.4	16.2	15.1	13.9	12.8	11.6	10.4	9.3	8.1	7.0	5.8	4.6	3.5	2.5
7.64	76.00	249.4	125.3	8.53	6481	23.1	22.0	20.8	19.7	18.5	17.4	16.2	15.0	13.9	12.7	11.6	10.4	9.3	8.1	6.9	5.8	4.6	3.5	2.5
7.66	76.20	250.0	125.6	8.55	6496	23.1	21.9	20.8	19.6	18.5	17.3	16.2	15.0	13.9	12.7	11.5	10.4	9.2	8.1	6.9	5.8	4.6	3.5	2.5
7.68	76.40	250.7	125.9	8.57	6511	23.0	21.9	20.7	19.6	18.4	17.3	16.1	15.0	13.8	12.7	11.5	10.4	9.2	8.1	6.9	5.8	4.6	3.5	2.5
7.70	76.60	251.3	126.2	8.59	6526	23.0	21.8	20.7	19.5	18.4	17.2	16.1	14.9	13.8	12.6	11.5	10.3	9.2	8.0	6.9	5.7	4.6	3.4	2.4
7.72	76.80	252.0	126.5	8.61	6541	22.9	21.8	20.6	19.5	18.3	17.2	16.1	14.9	13.8	12.6	11.5	10.3	9.2	8.0	6.9	5.7	4.6	3.4	2.4
7.74	77.00	252.6	126.8	8.63	6556	22.9	21.7	20.6	19.5	18.3	17.2	16.0	14.9	13.7	12.6	11.4	10.3	9.2	8.0	6.9	5.7	4.6	3.4	2.4
7.76	77.20	253.3	127.1	8.65	6571	22.8	21.7	20.5	19.4	18.3	17.1	16.0	14.8	13.7	12.6	11.4	10.3	9.1	8.0	6.8	5.7	4.6	3.4	2.4
7.78	77.40	253.9	127.3	8.66	6586	22.8	21.6	20.5	19.4	18.2	17.1	15.9	14.8	13.7	12.5	11.4	10.3	9.1	8.0	6.8	5.7	4.6	3.4	2.4
7.80	77.60	254.6	127.6	8.68	6601	22.7	21.6	20.5	19.3	18.2	17.0	15.9	14.8	13.6	12.5	11.4	10.2	9.1	8.0	6.8	5.7	4.5	3.4	2.4
7.82	77.79	255.2	127.9	8.70	6616	22.7	21.5	20.4	19.3	18.1	17.0	15.9	14.7	13.6	12.5	11.3	10.2	9.1	7.9	6.8	5.7	4.5	3.4	2.4
7.84	77.99	255.9	128.2	8.72	6631	22.6	21.5	20.4	19.2	18.1	17.0	15.8	14.7	13.6	12.4	11.3	10.2	9.0	7.9	6.8	5.7	4.5	3.4	2.4
7.86	78.19	256.5	128.5	8.74	6646	22.6	21.4	20.3	19.2	18.1	16.9	15.8	14.7	13.5	12.4	11.3	10.2	9.0	7.9	6.8	5.6	4.5	3.4	2.4
7.88	78.39	257.2	128.8	8.76	6661	22.5	21.4	20.3	19.1	18.0	16.9	15.8	14.6	13.5	12.4	11.3	10.1	9.0	7.9	6.8	5.6	4.5	3.4	2.4
7.90	78.59	257.8	129.1	8.78	6676	22.5	21.3	20.2	19.1	18.0	16.9	15.7	14.6	13.5	12.4	11.2	10.1	9.0	7.9	6.7	5.6	4.5	3.4	2.4
7.92	78.79	258.5	129.4	8.80	6691	22.4	21.3	20.2	19.1	17.9	16.8	15.7	14.6	13.5	12.3	11.2	10.1	9.0	7.8	6.7	5.6	4.5	3.4	2.4
7.94	78.99	259.1	129.7	8.82	6706	22.4	21.3	20.1	19.0	17.9	16.8	15.7	14.5	13.4	12.3	11.2	10.1	8.9	7.8	6.7	5.6	4.5	3.4	2.4
7.96	79.19	259.8	130.0	8.84	6721	22.3	21.2	20.1	19.0	17.9	16.7	15.6	14.5	13.4	12.3	11.2	10.0	8.9	7.8	6.7	5.6	4.5	3.3	2.4
7.98	79.39	260.5	130.2	8.86	6736	22.3	21.2	20.0	18.9	17.8	16.7	15.6	14.5	13.4	12.2	11.1	10.0	8.9	7.8	6.7	5.6	4.5	3.3	2.4

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
8.00	79.58	261.1	130.5	8.88	6751	22.2	21.1	20.0	18.9	17.8	16.7	15.6	14.4	13.3	12.2	11.1	10.0	8.9	7.8	6.7	5.6	4.4	3.3	2.4
8.02	79.78	261.8	130.8	8.90	6766	22.2	21.1	20.0	18.8	17.7	16.6	15.5	14.4	13.3	12.2	11.1	10.0	8.9	7.6	6.7	5.5	4.4	3.3	2.4
8.04	79.98	262.4	131.1	8.92	6781	22.1	21.0	19.9	18.8	17.7	16.6	15.5	14.4	13.3	12.2	11.1	10.0	8.8	7.7	6.6	5.5	4.4	3.3	2.4
8.06	80.18	263.1	131.4	8.94	6796	22.1	21.0	19.9	18.8	17.7	16.6	15.5	14.3	13.2	12.1	11.0	9.9	8.8	7.7	6.6	5.5	4.4	3.3	2.4
8.08	80.38	263.7	131.7	8.96	6811	22.0	20.9	19.8	18.7	17.6	16.5	15.4	14.3	13.2	12.1	11.0	9.9	8.8	7.7	6.6	5.5	4.4	3.3	2.3
8.10	80.58	264.4	132.0	8.98	6826	22.0	20.9	19.8	18.7	17.6	16.5	15.4	14.3	13.2	12.1	11.0	9.9	8.8	7.7	6.6	5.5	4.4	3.3	2.3
8.12	80.78	265.0	132.3	9.00	6841	21.9	20.8	19.7	18.6	17.5	16.4	15.4	14.3	13.2	12.1	11.0	9.9	8.8	7.7	6.6	5.5	4.4	3.3	2.3
8.14	80.98	265.7	132.6	9.02	6856	21.9	20.8	19.7	18.6	17.5	16.4	15.3	14.2	13.1	12.0	10.9	9.8	8.8	7.7	6.6	5.5	4.4	3.3	2.3
8.16	81.18	266.3	132.9	9.04	6871	21.8	20.7	19.7	18.6	17.5	16.4	15.3	14.2	13.1	12.0	10.9	9.8	8.7	7.6	6.6	5.5	4.4	3.3	2.3
8.18	81.38	267.0	133.1	9.06	6886	21.8	20.7	19.6	18.5	17.4	16.3	15.3	14.2	13.1	12.0	10.9	9.8	8.7	7.6	6.5	5.4	4.4	3.3	2.3
8.20	81.57	267.6	133.4	9.08	6901	21.7	20.7	19.6	18.5	17.4	16.3	15.2	14.1	13.0	12.0	10.9	9.8	8.7	7.6	6.5	5.4	4.3	3.3	2.3
8.22	81.77	268.3	133.7	9.10	6916	21.7	20.6	19.5	18.4	17.4	16.3	15.2	14.1	13.0	11.9	10.8	9.8	8.7	7.6	6.5	5.4	4.3	3.3	2.3
8.24	81.97	268.9	134.0	9.12	6931	21.6	20.6	19.5	18.4	17.3	16.2	15.2	14.1	13.0	11.9	10.8	9.7	8.7	7.6	6.5	5.4	4.3	3.2	2.3
8.26	82.17	269.6	134.3	9.14	6946	21.6	20.5	19.4	18.4	17.3	16.2	15.1	14.0	13.0	11.9	10.8	9.7	8.6	7.6	6.5	5.4	4.3	3.2	2.3
8.28	82.37	270.2	134.6	9.16	6961	21.6	20.5	19.4	18.3	17.2	16.2	15.1	14.0	12.9	11.9	10.8	9.7	8.6	7.5	6.5	5.4	4.3	3.2	2.3
8.30	82.57	270.9	134.9	9.18	6976	21.5	20.4	19.4	18.3	17.2	16.1	15.1	14.0	12.9	11.8	10.8	9.7	8.6	7.5	6.5	5.4	4.3	3.2	2.3
8.32	82.77	271.5	135.2	9.20	6991	21.5	20.4	19.3	18.2	17.2	16.1	15.0	13.9	12.9	11.8	10.7	9.7	8.6	7.5	6.4	5.4	4.3	3.2	2.3
8.34	82.97	272.2	135.5	9.22	7006	21.4	20.3	19.3	18.2	17.1	16.1	15.0	13.9	12.8	11.8	10.7	9.6	8.6	7.5	6.4	5.4	4.3	3.2	2.3
8.36	83.17	272.9	135.8	9.24	7021	21.4	20.3	19.2	18.2	17.1	16.0	15.0	13.9	12.8	11.8	10.7	9.6	8.5	7.5	6.4	5.3	4.3	3.2	2.3
8.38	83.37	273.5	136.0	9.26	7036	21.3	20.3	19.2	18.1	17.1	16.0	14.9	13.9	12.8	11.7	10.7	9.6	8.5	7.5	6.4	5.3	4.3	3.2	2.3
8.40	83.56	274.2	136.3	9.28	7051	21.3	20.2	19.1	18.1	17.0	16.0	14.9	13.8	12.8	11.7	10.6	9.6	8.5	7.4	6.4	5.3	4.3	3.2	2.3
8.42	83.76	274.8	136.6	9.30	7066	21.2	20.2	19.1	18.0	17.0	15.9	14.9	13.8	12.7	11.7	10.6	9.6	8.5	7.4	6.4	5.3	4.2	3.2	2.3
8.44	83.96	275.5	136.9	9.32	7081	21.2	20.1	19.1	18.0	16.9	15.9	14.8	13.8	12.7	11.7	10.6	9.5	8.5	7.4	6.4	5.3	4.2	3.2	2.3
8.46	84.16	276.1	137.2	9.34	7096	21.1	20.1	19.0	18.0	16.9	15.9	14.8	13.7	12.7	11.6	10.6	9.5	8.5	7.4	6.3	5.3	4.2	3.2	2.3
8.48	84.36	276.8	137.5	9.36	7111	21.1	20.0	19.0	17.9	16.9	15.8	14.8	13.7	12.7	11.6	10.5	9.5	8.4	7.4	6.3	5.3	4.2	3.2	2.2

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
8.50	84.56	277.4	137.8	9.38	7126	21.1	20.0	18.9	17.9	16.8	15.8	14.7	13.7	12.6	11.6	10.5	9.5	8.4	7.4	6.3	5.3	4.2	3.2	2.2
8.52	84.76	278.1	138.1	9.40	7141	21.0	20.0	18.9	17.9	16.8	15.8	14.7	13.7	12.6	11.6	10.5	9.5	8.4	7.4	6.3	5.3	4.2	3.2	2.2
8.54	84.96	278.7	138.4	9.42	7156	21.0	19.9	18.9	17.8	16.8	15.7	14.7	13.6	12.6	11.5	10.5	9.4	8.4	7.3	6.3	5.2	4.2	3.1	2.2
8.56	85.16	279.4	138.7	9.43	7171	20.9	19.9	18.8	17.8	16.7	15.7	14.6	13.6	12.6	11.5	10.5	9.4	8.4	7.3	6.3	5.2	4.2	3.1	2.2
8.58	85.35	280.0	138.9	9.45	7186	20.9	19.8	18.8	17.7	16.7	15.7	14.6	13.6	12.5	11.5	10.4	9.4	8.4	7.3	6.3	5.2	4.2	3.1	2.2
8.60	85.55	280.7	139.2	9.47	7201	20.8	19.8	18.8	17.7	16.7	15.6	14.6	13.5	12.5	11.5	10.4	9.4	8.3	7.3	6.3	5.2	4.2	3.1	2.2
8.62	85.75	281.3	139.5	9.49	7216	20.8	19.8	18.7	17.7	16.6	15.6	14.6	13.5	12.5	11.4	10.4	9.4	8.3	7.3	6.2	5.2	4.2	3.1	2.2
8.64	85.95	282.0	139.8	9.51	7231	20.7	19.7	18.7	17.6	16.6	15.6	14.5	13.5	12.4	11.4	10.4	9.3	8.3	7.3	6.2	5.2	4.1	3.1	2.2
8.66	86.15	282.6	140.1	9.53	7246	20.7	19.7	18.6	17.6	16.6	15.5	14.5	13.5	12.4	11.4	10.4	9.3	8.3	7.2	6.2	5.2	4.1	3.1	2.2
8.68	86.35	283.3	140.4	9.55	7261	20.7	19.6	18.6	17.6	16.5	15.5	14.5	13.4	12.4	11.4	10.3	9.3	8.3	7.2	6.2	5.2	4.1	3.1	2.2
8.70	86.55	284.0	140.7	9.57	7276	20.6	19.6	18.6	17.5	16.5	15.5	14.4	13.4	12.4	11.3	10.3	9.3	8.2	7.2	6.2	5.2	4.1	3.1	2.2
8.72	86.75	284.6	141.0	9.59	7291	20.6	19.5	18.5	17.5	16.5	15.4	14.4	13.4	12.3	11.3	10.3	9.3	8.2	7.2	6.2	5.1	4.1	3.1	2.2
8.74	86.95	285.3	141.3	9.61	7306	20.5	19.5	18.5	17.5	16.4	15.4	14.4	13.3	12.3	11.3	10.3	9.2	8.2	7.2	6.2	5.1	4.1	3.1	2.2
8.76	87.15	285.9	141.6	9.63	7321	20.5	19.5	18.4	17.4	16.4	15.4	14.3	13.3	12.3	11.3	10.2	9.2	8.2	7.2	6.1	5.1	4.1	3.1	2.2
8.78	87.34	286.6	141.8	9.65	7336	20.4	19.4	18.4	17.4	16.4	15.3	14.3	13.3	12.3	11.2	10.2	9.2	8.2	7.2	6.1	5.1	4.1	3.1	2.2
8.80	87.54	287.2	142.1	9.67	7351	20.4	19.4	18.4	17.3	16.3	15.3	14.3	13.3	12.2	11.2	10.2	9.2	8.2	7.1	6.1	5.1	4.1	3.1	2.2
8.82	87.74	287.9	142.4	9.69	7366	20.4	19.3	18.3	17.3	16.3	15.3	14.3	13.2	12.2	11.2	10.2	9.2	8.1	7.1	6.1	5.1	4.1	3.1	2.2
8.84	87.94	288.5	142.7	9.71	7381	20.3	19.3	18.3	17.3	16.3	15.2	14.2	13.2	12.2	11.2	10.2	9.1	8.1	7.1	6.1	5.1	4.1	3.0	2.2
8.86	88.14	289.2	143.0	9.73	7396	20.3	19.3	18.3	17.2	16.2	15.2	14.2	13.2	12.2	11.2	10.1	9.1	8.1	7.1	6.1	5.1	4.1	3.0	2.2
8.88	88.34	289.8	143.3	9.75	7411	20.2	19.2	18.2	17.2	16.2	15.2	14.2	13.2	12.1	11.1	10.1	9.1	8.1	7.1	6.1	5.1	4.0	3.0	2.2
8.90	88.54	290.5	143.6	9.77	7426	20.2	19.2	18.2	17.2	16.2	15.2	14.1	13.1	12.1	11.1	10.1	9.1	8.1	7.1	6.1	5.1	4.0	3.0	2.2
8.92	88.74	291.1	143.9	9.79	7441	20.2	19.2	18.1	17.1	16.1	15.1	14.1	13.1	12.1	11.1	10.1	9.1	8.1	7.1	6.0	5.0	4.0	3.0	2.1
8.94	88.94	291.8	144.2	9.81	7456	20.1	19.1	18.1	17.1	16.1	15.1	14.1	13.1	12.1	11.1	10.1	9.1	8.0	7.0	6.0	5.0	4.0	3.0	2.1
8.96	89.13	292.4	144.5	9.83	7471	20.1	19.1	18.1	17.1	16.1	15.1	14.1	13.1	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.1
8.98	89.33	293.1	144.7	9.85	7486	20.0	19.0	18.0	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.1

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW	FSW	PSIA	ATM	MM Hg	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.21
(	gauge	)	(	absolute	)	1500	1425	1350	1275	1200	1125	1050	975	900	825	750	675	600	525	450	375	300	225	160
9.00	89.53	293.7	145.0	9.87	7501	20.0	19.0	18.0	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.1
9.02	89.73	294.4	145.3	9.89	7516	20.0	19.0	18.9	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.1
9.04	89.93	295.0	145.6	9.91	7531	19.9	18.9	17.9	16.9	15.9	14.9	13.9	12.9	12.0	11.0	10.0	9.0	8.0	7.0	6.0	5.0	4.0	3.0	2.1
9.06	90.13	295.7	145.9	9.93	7546	19.9	18.9	17.9	16.9	15.9	14.9	13.9	12.9	11.9	10.9	9.9	8.9	8.0	7.0	6.0	5.0	4.0	3.0	2.1
9.08	90.33	296.4	146.2	9.95	7561	19.3	18.8	17.9	16.9	15.9	14.9	13.9	12.9	11.9	10.9	9.9	8.9	7.9	6.9	6.0	5.0	4.0	3.0	2.1
9.10	90.53	297.0	146.5	9.97	7576	19.8	18.8	17.8	16.8	15.8	14.9	13.9	12.9	11.9	10.9	9.9	8.9	7.9	6.9	5.9	5.0	4.0	3.0	2.1
9.12	90.73	297.7	146.8	9.99	7591	19.8	18.8	17.8	16.8	15.8	14.8	13.8	12.8	11.9	10.9	9.9	8.9	7.9	6.9	5.9	4.9	4.0	3.0	2.1
9.14	90 93	298.3	147.1	10.01	7606	19.7	18.7	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8	9.9	8.9	7.9	6.9	5.9	4.9	3.9	3.0	2.1
9.16	91.12	299.0	147.4	10.03	7621	19.7	18.7	17.7	16.7	15.7	14.8	13.8	12.8	11.8	10.8	9.8	8.9	7.9	6.9	5.9	4.9	3.9	3.0	2.1
9.18	91.32	299.6	147.7	10.05	7636	19.6	18.7	17.7	16.7	15.7	14.7	13.8	12.8	11.8	10.8	9.8	8.8	7.9	6.9	5.9	4.9	3.9	2.9	2.1
9.20	91.52	300.3	147.9	10.07	7651	19.6	18.6	17.6	16.7	15.7	14.7	13.7	12.7	11.8	10.8	9.8	8.8	7.8	6.9	5.9	4.9	3.9	2.9	2.1
9.22	91.72	300.9	148.2	10.09	7666	19.6	18.6	17.6	16.6	15.7	14.7	13.7	12.7	11.7	10.8	9.8	8.8	7.8	6.8	5.9	4.9	3.9	2.9	2.1
9.24	91.92	301.6	148.5	10.11	7681	19.5	18.6	17.6	16.6	15.6	14.6	13.7	12.7	11.7	10.7	9.8	8.8	7.8	6.8	5.9	4.9	3.9	2.9	2.1
9.26	92.12	302.2	148.8	10.13	7696	19.5	18.5	17.5	16.6	15.6	14.6	13.6	12.7	11.7	10.7	9.7	8.8	7.8	6.8	5.8	4.9	3.9	2.9	2.1
9.28	92.32	302.9	149.1	10.15	7711	19.5	18.5	17.5	16.5	15.6	14.6	13.6	12.6	11.7	10.7	9.7	8.8	7.8	6.8	5.8	4.9	3.9	2.9	2.1
9.30	92.52	303.5	149.4	10.17	7726	19.4	18.4	17.5	16.5	15.5	14.6	13.6	12.6	11.7	10.7	9.7	8.7	7.8	6.8	5.8	4.9	3.9	2.9	2.1
9.32	92.72	304.2	149.7	10.18	7741	19.4	18.4	17.4	16.5	15.5	14.5	13.6	12.6	11.6	10.7	9.7	8.7	7.8	6.8	5.8	4.8	3.9	2.9	2.1
9.34	92.92	304.8	150.0	10.20	7756	19.3	18.4	17.4	16.4	15.5	14.5	13.5	12.6	11.6	10.6	9.7	8.7	7.7	6.8	5.8	4.8	3.9	2.9	2.1
9.36	93.11	305.5	150.3	10.22	7771	19.3	18.3	17.4	16.4	15.4	14.5	13.5	12.5	11.6	10.6	9.7	8.7	7.7	6.8	5.8	4.8	3.9	2.9	2.1
9.38	93.31	306.1	150.6	10.24	7786	19.3	18.3	17.3	16.4	15.4	14.5	13.5	12.5	11.6	10.6	9.6	8.7	7.7	6.7	5.8	4.8	3.9	2.9	2.1
9.40	93.51	306.8	150.8	10.26	7801	19.2	18.3	17.3	16.3	15.4	14.4	13.5	12.5	11.5	10.6	9.6	8.7	7.7	6.7	5.8	4.8	3.8	2.9	2.0
9.42	93.71	307.4	151.1	10.28	7816	19.2	18.2	17.3	16.3	15.4	14.4	13.4	12.5	11.5	10.6	9.6	8.6	7.7	6.7	5.8	4.8	3.8	2.9	2.0
9.44	93.91	308.1	151.4	10.30	7831	19.2	18.2	17.2	16.3	15.3	14.4	13.4	12.5	11.5	10.5	9.6	8.6	7.7	6.7	5.7	4.8	3.8	2.9	2.0
9.46	94.11	308.8	151.7	10.32	7846	19.1	18.2	17.2	16.2	15.3	14.3	13.4	12.4	11.5	10.5	9.6	8.6	7.6	6.7	5.7	4.8	3.8	2.9	2.0
9.48	94.31	309.4	152.0	10.34	7861	19.1	18.1	17.2	16.2	15.3	14.3	13.4	12.4	11.5	10.5	9.5	8.6	7.6	6.7	5.7	4.8	3.8	2.9	2.0

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
9.50	94.51	310.1	152.3	10.36	7876	19.0	18.1	17.1	16.2	15.2	14.3	13.3	12.4	11.4	10.5	9.5	8.6	7.6	6.7	5.7	4.8	3.8	2.9	2.0
9.52	94.71	310.7	152.6	10.38	7891	19.0	18.1	17.1	16.2	15.2	14.3	13.3	12.4	11.4	10.5	9.5	8.6	7.6	6.7	5.7	4.8	3.8	2.9	2.0
9.54	94.91	311.4	152.9	10.40	7906	19.0	18.0	17.1	16.1	15.2	14.2	13.3	12.3	11.4	10.4	9.5	8.5	7.6	6.6	5.7	4.7	3.8	2.8	2.0
9.56	95.10	312.0	153.2	10.42	7921	18.9	18.0	17.0	16.1	15.2	14.2	13.3	12.3	11.4	10.4	9.5	8.5	7.6	6.6	5.7	4.7	3.8	2.8	2.0
9.58	95.30	312.7	153.5	10.44	7936	18.9	18.0	17.0	16.1	15.1	14.2	13.2	12.3	11.3	10.4	9.5	8.5	7.6	6.6	5.7	4.7	3.8	2.8	2.0
9.60	95.50	313.3	153.7	10.46	7951	18.9	17.9	17.0	16.0	15.1	14.2	13.2	12.3	11.3	10.4	9.4	8.5	7.5	6.6	5.7	4.7	3.8	2.8	2.0
9.62	95.70	314.0	154.0	10.48	7966	18.8	17.9	16.9	16.0	15.1	14.1	13.2	12.2	11.3	10.4	9.4	8.5	7.5	6.6	5.6	4.7	3.8	2.8	2.0
9.64	95.90	314.6	154.3	10.50	7981	18.8	17.9	16.9	16.0	15.0	14.1	13.2	12.2	11.3	10.3	9.4	8.5	7.5	6.6	5.6	4.7	3.8	2.8	2.0
9.66	96.10	315.3	154.6	10.52	7996	18.8	17.8	16.9	15.9	15.0	14.1	13.1	12.2	11.3	10.3	9.4	8.4	7.5	6.6	5.6	4.7	3.8	2.8	2.0
9.68	96.30	315.9	154.9	10.54	8011	18.7	17.8	16.9	15.9	15.0	14.0	13.1	12.2	11.2	10.3	9.4	8.4	7.5	6.6	5.6	4.7	3.7	2.8	2.0
9.70	96.50	316.6	155.2	10.56	8026	18.7	17.8	16.8	15.9	15.0	14.0	13.1	12.1	11.2	10.3	9.3	8.4	7.5	6.5	5.6	4.7	3.7	2.8	2.0
9.72	96.70	317.2	155.5	10.58	8041	18.7	17.7	16.8	15.9	14.9	14.0	13.1	12.1	11.2	10.3	9.3	8.4	7.5	6.5	5.6	4.7	3.7	2.8	2.0
9.74	96.89	317.9	155.8	10.60	8056	18.6	17.7	16.8	15.8	14.9	14.0	13.0	12.1	11.2	10.2	9.3	8.4	7.4	6.5	5.6	4.7	3.7	2.8	2.0
9.76	97.09	318.5	156.1	10.62	8071	18.6	17.7	16.7	15.8	14.9	13.9	13.0	12.1	11.2	10.2	9.3	8.4	7.4	6.5	5.6	4.6	3.7	2.8	2.0
9.78	97.29	319.2	156.4	10.64	8086	18.6	17.6	16.7	15.8	14.8	13.9	13.0	12.1	11.1	10.2	9.3	8.3	7.4	6.5	5.6	4.6	3.7	2.8	2.0
9.80	97.49	319.9	156.6	10.66	8101	18.5	17.6	16.7	15.7	14.8	13.9	13.0	12.0	11.1	10.2	9.3	8.3	7.4	6.5	5.6	4.6	3.7	2.8	2.0
9.82	97.69	320.5	156.9	10.68	8116	18.5	17.6	16.6	15.7	14.8	13.9	12.9	12.0	11.1	10.2	9.2	8.3	7.4	6.5	5.5	4.6	3.7	2.8	2.0
9.84	97.89	321.2	157.2	10.70	8131	18.5	17.5	16.6	15.7	14.8	13.8	12.9	12.0	11.1	10.1	9.2	8.3	7.4	6.5	5.5	4.6	3.7	2.8	2.0
9.86	98.09	321.8	157.5	10.72	8146	18.4	17.5	16.6	15.7	14.7	13.8	12.9	12.0	11.0	10.1	9.2	8.3	7.4	6.4	5.5	4.6	3.7	2.8	2.0
9.88	98.29	322.5	157.8	10.74	8161	18.4	17.5	16.5	15.6	14.7	13.8	12.9	11.9	11.0	10.1	9.2	8.3	7.4	6.4	5.5	4.6	3.7	2.8	2.0
9.90	98.49	323.1	158.1	10.76	8176	18.3	17.4	16.5	15.6	14.7	13.8	12.8	11.9	11.0	10.1	9.2	8.3	7.3	6.4	5.5	4.6	3.7	2.8	2.0
9.92	98.69	323.8	158.4	10.78	8191	18.3	17.4	16.5	15.6	14.7	13.7	12.8	11.9	11.0	10.1	9.2	8.2	7.3	6.4	5.5	4.6	3.7	2.7	2.0
9.94	98.88	324.4	158.7	10.80	8206	18.3	17.4	16.5	15.5	14.6	13.7	12.8	11.9	11.0	10.1	9.1	8.2	7.3	6.4	5.5	4.6	3.7	2.7	1.9
9.96	99.08	325.1	159.0	10.82	8221	18.2	17.3	16.4	15.5	14.6	13.7	12.8	11.9	10.9	10.0	9.1	8.2	7.3	6.4	5.5	4.6	3.6	2.7	1.9
9.98	99.28	325.7	159.3	10.84	8236	18.2	17.3	16.4	15.5	14.6	13.7	12.8	11.8	10.9	10.0	9.1	8.2	7.3	6.4	5.5	4.6	3.6	2.7	1.9

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
10.00	99.48	326.4	159.5	10.86	8251	18.2	17.3	16.4	15.5	14.5	13.6	12.7	11.8	10.9	10.0	9.1	8.2	7.3	6.4	5.5	4.5	3.6	2.7	1.9
10.05	99.98	328.0	160.3	10.91	8288	18.1	17.2	16.3	15.4	14.5	13.6	12.7	11.8	10.9	10.0	9.0	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.9
10.10	100.48	329.6	161.0	10.95	8326	18.0	17.1	16.2	15.3	14.4	13.5	12.6	11.7	10.8	9.9	9.0	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.9
10.15	100.97	331.3	161.7	11.00	8363	17.9	17.0	16.1	15.2	14.3	13.5	12.6	11.7	10.8	9.9	9.0	8.1	7.2	6.3	5.4	4.5	3.6	2.7	1.9
10.20	101.47	332.9	162.4	11.05	8401	17.9	17.0	16.1	15.2	14.3	13.4	12.5	11.6	10.7	9.8	8.9	8.0	7.1	6.3	5.4	4.5	3.6	2.7	1.9
10.25	101.97	334.5	163.2	11.10	8438	17.8	16.9	16.0	15.1	14.2	13.3	12.4	11.6	10.7	9.8	8.9	8.0	7.1	6.2	5.3	4.4	3.6	2.7	1.9
10.30	102.47	336.2	163.9	11.15	8476	17.7	16.8	15.9	15.0	14.2	13.3	12.4	11.5	10.6	9.7	8.8	8.0	7.1	6.2	5.3	4.4	3.5	2.7	1.9
10.35	102.96	337.8	164.6	11.20	8513	17.6	16.7	15.9	15.0	14.1	13.2	12.3	11.5	10.6	9.7	8.8	7.9	7.0	6.2	5.3	4.4	3.5	2.6	1.9
10.40	103.46	339.4	165.3	11.25	8551	17.5	16.7	15.8	14.9	14.0	13.2	12.3	11.4	10.5	9.6	8.8	7.9	7.0	6.1	5.3	4.4	3.5	2.6	1.9
10.45	103.96	341.1	166.1	11.30	8588	17.5	16.6	15.7	14.8	14.0	13.1	12.2	11.4	10.5	9.6	8.7	7.9	7.0	6.1	5.2	4.4	3.5	2.6	1.9
10.50	104.46	342.7	166.8	11.35	8626	17.4	16.5	15.7	14.8	13.9	13.0	12.2	11.3	10.4	9.6	8.7	7.8	7.0	6.1	5.2	4.3	3.5	2.6	1.9
10.55	104.95	344.3	167.5	11.40	8663	17.3	16.5	15.6	14.7	13.9	13.0	12.1	11.3	10.4	9.5	8.7	7.8	6.9	6.1	5.2	4.3	3.5	2.6	1.8
10.60	105.45	346.0	168.2	11.45	8701	17.2	16.4	15.5	14.7	13.8	12.9	12.1	11.2	10.3	9.5	8.6	7.8	6.9	6.0	5.2	4.3	3.4	2.6	1.8
10.65	105.95	347.6	169.0	11.50	8738	17.2	16.3	15.5	14.6	13.7	12.9	12.0	11.2	10.3	9.4	8.6	7.7	6.9	6.0	5.2	4.3	3.4	2.6	1.8
10.70	106.44	349.2	169.7	11.55	8776	17.1	16.2	15.4	14.5	13.7	12.8	12.0	11.1	10.3	9.4	8.5	7.7	6.8	6.0	5.1	4.3	3.4	2.6	1.8
10.75	106.94	350.9	170.4	11.60	8813	17.0	16.2	15.3	14.5	13.6	12.8	11.9	11.1	10.2	9.4	8.5	7.7	6.8	6.0	5.1	4.3	3.4	2.6	1.8
10.80	107.44	352.5	171.1	11.65	8851	16.9	16.1	15.3	14.4	13.6	12.7	11.9	11.0	10.2	9.3	8.5	7.6	6.8	5.9	5.1	4.2	3.4	2.5	1.8
10.85	107.94	354.1	171.9	11.69	8888	16.9	16.0	15.2	14.3	13.5	12.7	11.8	11.0	10.1	9.3	8.4	7.6	6.8	5.9	5.1	4.2	3.4	2.5	1.8
10.90	108.43	355.8	172.6	11.74	8926	16.8	16.0	15.1	14.3	13.4	12.6	11.8	10.9	10.1	9.2	8.4	7.6	6.7	5.9	5.0	4.2	3.4	2.5	1.8
10.95	108.93	357.4	173.3	11.79	8963	16.7	15.9	15.1	14.2	13.4	12.6	11.7	10.9	10.0	9.2	8.4	7.5	6.7	5.9	5.0	4.2	3.3	2.5	1.8
11.00	109.43	359.0	174.0	11.84	9001	16.7	15.8	15.0	14.2	13.3	12.5	11.7	10.8	10.0	9.2	8.3	7.5	6.7	5.8	5.0	4.2	3.3	2.5	1.8
11.05	109.93	360.6	174.8	11.89	9038	16.6	15.8	14.9	14.1	13.3	12.4	11.6	10.8	10.0	9.1	8.3	7.5	6.6	5.8	5.0	4.1	3.3	2.5	1.8
11.10	110.42	362.3	175.5	11.94	9076	16.5	15.7	14.9	14.0	13.2	12.4	11.6	10.7	9.9	9.1	8.3	7.4	6.6	5.8	5.0	4.1	3.3	2.5	1.8
11.15	110.92	363.9	176.2	11.99	9113	16.5	15.6	14.8	14.0	13.2	12.3	11.5	10.7	9.9	9.1	8.2	7.4	6.6	5.8	4.9	4.1	3.3	2.5	1.8
11.20	111.42	365.5	176.9	12.04	9151	16.4	15.6	14.8	13.9	13.1	12.3	11.5	10.7	9.8	9.0	8.2	7.4	6.6	5.7	4.9	4.1	3.3	2.5	1.7

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	FSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
11.25	111.92	367.2	177.7	12.09	9188	16.3	15.5	14.7	13.9	13.1	12.2	11.4	10.6	9.8	9.0	8.2	7.3	6.5	5.7	4.9	4.1	3.3	2.4	1.7
11.30	112.41	368.8	178.4	12.14	9226	16.3	15.4	14.6	13.8	13.0	12.2	11.4	10.6	9.8	8.9	8.1	7.3	6.5	5.7	4.9	4.1	3.3	2.4	1.7
11.35	112.91	370.4	179.1	12.19	9263	16.2	15.4	14.6	13.8	13.0	12.1	11.3	10.5	9.7	8.9	8.1	7.3	6.5	5.7	4.9	4.0	3.2	2.4	1.7
11.40	113.41	372.1	179.8	12.24	9301	16.1	15.3	14.5	13.7	12.9	12.1	11.3	10.5	9.7	8.9	8.1	7.3	6.5	5.6	4.8	4.0	3.2	2.4	1.7
11.45	113.91	373.7	180.6	12.29	9338	16.1	15.3	14.5	13.7	12.9	12.0	11.2	10.4	9.6	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.7
11.50	114.40	375.3	181.3	12.34	9376	16.0	15.2	14.4	13.6	12.8	12.0	11.2	10.4	9.6	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.7
11.55	114.90	377.0	182.0	12.39	9413	15.9	15.1	14.3	13.5	12.7	12.0	11.2	10.4	9.6	8.8	8.0	7.2	6.4	5.6	4.8	4.0	3.2	2.4	1.7
11.60	115.40	378.6	182.8	12.43	9451	15.9	15.1	14.3	13.5	12.7	11.9	11.1	10.3	9.5	8.7	7.9	7.1	6.3	5.6	4.8	4.0	3.2	2.4	1.7
11.65	115.90	380.2	183.5	12.48	9489	15.8	15.0	14.2	13.4	12.6	11.9	11.1	10.3	9.5	8.7	7.9	7.1	6.3	5.5	4.7	4.0	3.2	2.4	1.7
11.70	116.39	381.9	184.2	12.53	9526	15.7	15.0	14.2	13.4	12.6	11.8	11.0	10.2	9.4	8.7	7.9	7.1	6.3	5.5	4.7	3.9	3.1	2.4	1.7
11.75	116.89	383.5	184.9	12.58	9563	15.7	14.9	14.1	13.3	12.5	11.8	11.0	10.2	9.4	8.6	7.8	7.1	6.3	5.5	4.7	3.9	3.1	2.4	1.7
11.80	117.39	385.1	185.7	12.63	9601	15.6	14.8	14.1	13.3	12.5	11.7	10.9	10.2	9.4	8.6	7.8	7.0	6.3	5.5	4.7	3.9	3.1	2.3	1.7
11.85	117.88	386.8	186.4	12.68	9638	15.6	14.8	14.0	13.2	12.5	11.7	10.9	10.1	9.3	8.6	7.8	7.0	6.2	5.4	4.7	3.9	3.1	2.3	1.7
11.90	118.38	388.4	187.1	12.73	9676	15.5	14.7	14.0	13.2	12.4	11.6	10.9	10.1	9.3	8.5	7.8	7.0	6.2	5.4	4.7	3.9	3.1	2.3	1.7
11.95	118.88	390.0	187.8	12.78	9713	15.4	14.7	13.9	13.1	12.4	11.6	10.8	10.0	9.3	8.5	7.7	6.9	6.2	5.4	4.6	3.9	3.1	2.3	1.6
12.00	119.38	391.7	188.6	12.83	9751	15.4	14.6	13.8	13.1	12.3	11.5	10.8	10.0	9.2	8.5	7.7	6.9	6.2	5.4	4.6	3.8	3.1	2.3	1.6
12.05	119.87	393.3	189.3	12.88	9788	15.3	14.6	13.8	13.0	12.3	11.5	10.7	10.0	9.2	8.4	7.7	6.9	6.1	5.4	4.6	3.8	3.1	2.3	1.6
12.10	120.37	394.9	190.0	12.93	9826	15.3	14.5	13.7	13.0	12.2	11.5	10.7	9.9	9.2	8.4	7.6	6.9	6.1	5.3	4.6	3.8	3.1	2.3	1.6
12.15	120.87	396.6	190.7	12.98	9863	15.2	14.4	13.7	12.9	12.2	11.4	10.6	9.9	9.1	8.4	7.6	6.8	6.1	5.3	4.6	3.8	3.0	2.3	1.6
12.20	121.37	398.2	191.5	13.03	9901	15.2	14.4	13.6	12.9	12.1	11.4	10.6	9.8	9.1	8.3	7.6	6.8	6.1	5.3	4.5	3.8	3.0	2.3	1.6
12.25	121.86	399.8	192.2	13.08	9938	15.1	14.3	13.6	12.8	12.1	11.3	10.6	9.8	9.1	8.3	7.5	6.8	6.0	5.3	4.5	3.8	3.0	2.3	1.6
12.30	122.36	401.4	192.9	13.13	9976	15.0	14.3	13.5	12.8	12.0	11.3	10.5	9.8	9.0	8.3	7.5	6.8	6.0	5.3	4.5	3.8	3.0	2.3	1.6
12.35	122.86	403.1	193.6	13.18	10013	15.0	14.2	13.5	12.7	12.0	11.2	10.5	9.7	9.0	8.2	7.5	6.7	6.0	5.2	4.5	3.7	3.0	2.2	1.6
12.40	123.36	404.7	194.4	13.22	10051	14.9	14.2	13.4	12.7	11.9	11.2	10.4	9.7	9.0	8.2	7.5	6.7	6.0	5.2	4.5	3.7	3.0	2.2	1.6
12.45	123.85	406.3	195.1	13.27	10088	14.9	14.1	13.4	12.6	11.9	11.2	10.4	9.7	8.9	8.2	7.4	6.7	5.9	5.2	4.5	3.7	3.0	2.2	1.6

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.6 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
12.50	124.35	408.8	195.8	13.32	10126	14.8	14.1	13.3	12.6	11.9	11.1	10.4	9.6	8.9	8.1	7.4	6.7	5.9	5.2	4.4	3.7	3.0	2.2	1.6
12.55	124.85	409.6	196.5	13.37	10163	14.8	14.0	13.3	12.5	11.8	11.1	10.3	9.6	8.9	8.1	7.4	6.6	5.9	5.2	4.4	3.7	3.0	2.2	1.6
12.60	125.35	411.2	197.3	13.42	10201	14.7	14.0	13.2	12.5	11.8	11.0	10.3	9.6	8.8	8.1	7.4	6.6	5.9	5.1	4.4	3.7	2.9	2.2	1.6
12.65	125.84	412.9	198.0	13.47	10238	14.7	13.9	13.2	12.5	11.7	11.0	10.3	9.5	8.8	8.1	7.3	6.6	5.9	5.1	4.4	3.7	2.9	2.2	1.6
12.70	126.34	414.5	198.7	13.52	10276	14.6	13.9	13.1	12.4	11.7	10.9	10.2	9.5	8.8	8.0	7.3	6.6	5.8	5.1	4.4	3.6	2.9	2.2	1.6
12.75	126.84	416.1	199.4	13.57	10313	14.5	13.8	13.1	12.4	11.6	10.9	10.2	9.5	8.7	8.0	7.3	6.5	5.8	5.1	4.4	3.6	2.9	2.2	1.5
12.80	127.34	417.8	200.2	13.62	10351	14.5	13.8	13.0	12.3	11.6	10.9	10.1	9.4	8.7	8.0	7.2	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.5
12.85	127.83	419.4	200.9	13.67	10388	14.4	13.7	13.0	12.3	11.6	10.8	10.1	9.4	8.7	7.9	7.2	6.5	5.8	5.1	4.3	3.6	2.9	2.2	1.5
12.90	128.33	421.0	201.6	13.72	10426	14.4	13.7	12.9	12.2	11.5	10.8	10.1	9.4	8.6	7.9	7.2	6.5	5.8	5.0	4.3	3.6	2.9	2.2	1.5
12.95	128.83	422.7	202.3	13.77	10463	14.3	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.6	7.9	7.2	6.5	5.7	5.0	4.3	3.6	2.9	2.2	1.5
13.00	129.33	424.3	203.1	13.82	10501	14.3	13.6	12.9	12.1	11.4	10.7	10.0	9.3	8.6	7.9	7.1	6.4	5.7	5.0	4.3	3.6	2.9	2.1	1.5
13.05	129.82	425.9	203.8	13.87	10538	14.2	13.5	12.8	12.1	11.4	10.7	10.0	9.3	8.5	7.8	7.1	6.4	5.7	5.0	4.3	3.6	2.8	2.1	1.5
13.10	130.32	427.6	204.5	13.92	10576	14.2	13.5	12.8	12.1	11.3	10.6	9.9	9.2	8.5	7.8	7.1	6.4	5.7	5.0	4.3	3.5	2.8	2.1	1.5
13.15	130.82	429.2	205.2	13.96	10613	14.1	13.4	12.7	12.0	11.3	10.6	9.9	9.2	8.5	7.8	7.1	6.4	5.7	4.9	4.2	3.5	2.8	2.1	1.5
13.20	131.31	430.8	206.0	14.01	10651	14.1	13.4	12.7	12.0	11.3	10.6	9.9	9.2	8.5	7.7	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.5
13.25	131.81	432.5	206.7	14.06	10688	14.0	13.3	12.6	11.9	11.2	10.5	9.8	9.1	8.4	7.7	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.5
13.30	132.31	434.1	207.4	14.11	10726	14.0	13.3	12.6	11.9	11.2	10.5	9.8	9.1	8.4	7.7	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.5
13.35	132.81	435.7	208.1	14.16	10763	13.9	13.2	12.5	11.8	11.1	10.5	9.8	9.1	8.4	7.7	7.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.5
13.40	133.30	437.3	208.9	14.21	10801	13.9	13.2	12.5	11.8	11.1	10.4	9.7	9.0	8.3	7.6	6.9	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.5
13.45	133.80	439.0	209.6	14.26	10838	13.8	13.1	12.5	11.8	11.1	10.4	9.7	9.0	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.5	2.8	2.1	1.5
13.50	134.30	440.6	210.3	14.31	10876	13.8	13.1	12.4	11.7	11.0	10.3	9.7	9.0	8.3	7.6	6.9	6.2	5.5	4.8	4.1	3.4	2.8	2.1	1.5
13.55	134.80	442.2	211.0	14.36	10913	13.7	13.1	12.4	11.7	11.0	10.3	9.6	8.9	8.2	7.6	6.9	6.2	5.5	4.8	4.1	3.4	2.7	2.1	1.5
13.60	135.29	443.9	211.8	14.41	10951	13.7	13.0	12.3	11.6	11.0	10.3	9.6	8.9	8.2	7.5	6.8	6.2	5.5	4.8	4.1	3.4	2.7	2.1	1.5
13.65	135.79	445.5	212.5	14.46	10988	13.7	13.0	12.3	11.6	10.9	10.2	9.6	8.9	8.2	7.5	6.8	6.1	5.5	4.8	4.1	3.4	2.7	2.0	1.5
13.70	136.29	447.1	213.2	14.51	11026	13.6	12.9	12.2	11.6	10.9	10.2	9.5	8.8	8.2	7.5	6.8	6.1	5.4	4.8	4.1	3.4	2.7	2.0	1.4

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
13.75	136.79	448.8	213.9	14.56	11063	13.6	12.9	12.2	11.5	10.8	10.2	9.5	8.8	8.1	7.5	6.8	6.1	5.4	4.7	4.1	3.4	2.7	2.0	1.4
13.80	137.28	450.4	214.7	14.61	11101	13.5	12.8	12.2	11.5	10.8	10.1	9.5	8.8	8.1	7.4	6.8	6.1	5.4	4.7	4.1	3.4	2.7	2.0	1.4
13.85	137.78	452.0	215.4	14.66	11138	13.5	12.8	12.1	11.4	10.8	10.1	9.4	8.8	8.1	7.4	6.7	6.1	5.4	4.7	4.0	3.4	2.7	2.0	1.4
13.90	138.28	453.7	216.1	14.70	11176	13.4	12.8	12.1	11.4	10.7	10.1	9.4	8.7	8.1	7.4	6.7	6.0	5.4	4.7	4.0	3.4	2.7	2.0	1.4
13.95	138.78	455.3	216.8	14.75	11213	13.4	12.7	12.0	11.4	10.7	10.0	9.4	8.7	8.0	7.4	6.7	6.0	5.4	4.7	4.0	3.3	2.7	2.0	1.4
14.00	139.27	456.9	217.6	14.80	11251	13.3	12.7	12.0	11.3	10.7	10.0	9.3	8.7	8.0	7.3	6.7	6.0	5.3	4.7	4.0	3.3	2.7	2.0	1.4
14.05	139.77	458.6	218.3	14.85	11288	13.3	12.6	12.0	11.3	10.6	10.0	9.3	8.6	8.0	7.3	6.6	6.0	5.3	4.7	4.0	3.3	2.7	2.0	1.4
14.10	140.27	460.2	219.0	14.90	11326	13.2	12.6	11.9	11.3	10.6	9.9	9.3	8.6	7.9	7.3	6.6	6.0	5.3	4.6	4.0	3.3	2.6	2.0	1.4
14.15	140.77	461.8	219.7	14.95	11363	13.2	12.5	11.9	11.2	10.6	9.9	9.2	8.6	7.9	7.3	6.6	5.9	5.3	4.6	4.0	3.3	2.6	2.0	1.4
14.20	141.26	463.5	220.5	15.00	11401	13.2	12.5	11.8	11.2	10.5	9.9	9.2	8.6	7.9	7.2	6.6	5.9	5.3	4.6	3.9	3.3	2.6	2.0	1.4
14.25	141.76	465.1	221.2	15.05	11438	13.1	12.5	11.8	11.1	10.5	9.8	9.2	8.5	7.9	7.2	6.6	5.9	5.2	4.6	3.9	3.3	2.6	2.0	1.4
14.30	142.26	466.7	221.9	15.10	11476	13.1	12.4	11.8	11.1	10.5	9.8	9.2	8.5	7.8	7.2	6.5	5.9	5.2	4.6	3.9	3.3	2.6	2.0	1.4
14.35	142.76	468.4	222.6	15.15	11513	13.0	12.4	11.7	11.1	10.4	9.8	9.1	8.5	7.8	7.2	6.5	5.9	5.2	4.6	3.9	3.3	2.6	2.0	1.4
14.40	143.25	470.0	223.4	15.20	11551	13.0	12.3	11.7	11.0	10.4	9.7	9.1	8.4	7.8	7.1	6.5	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.4
14.45	143.75	471.6	224.1	15.25	11588	12.9	12.3	11.7	11.0	10.4	9.7	9.1	8.4	7.8	7.1	6.5	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.4
14.50	144.25	473.3	224.8	15.30	11626	12.9	12.3	11.6	11.0	10.3	9.7	9.0	8.4	7.7	7.1	6.5	5.8	5.2	4.5	3.9	3.2	2.6	1.9	1.4
14.55	144.74	474.9	225.5	15.35	11663	12.9	12.2	11.6	10.9	10.3	9.6	9.0	8.4	7.7	7.1	6.4	5.8	5.1	4.5	3.9	3.2	2.6	1.9	1.4
14.60	145.24	476.5	226.3	15.40	11701	12.8	12.2	11.5	10.9	10.3	9.6	9.0	8.3	7.7	7.1	6.4	5.8	5.1	4.5	3.8	3.2	2.6	1.9	1.4
14.65	145.74	478.1	227.0	15.44	11738	12.8	12.1	11.5	10.9	10.2	9.6	8.9	8.3	7.7	7.0	6.4	5.8	5.1	4.5	3.8	3.2	2.6	1.9	1.4
14.70	146.24	479.8	227.7	15.49	11776	12.7	12.1	11.5	10.8	10.2	9.6	8.9	8.3	7.6	7.0	6.4	5.7	5.1	4.5	3.8	3.2	2.5	1.9	1.4
14.75	146.73	481.4	228.4	15.54	11813	12.7	12.1	11.4	10.8	10.2	9.5	8.9	8.3	7.6	7.0	6.3	5.7	5.1	4.4	3.8	3.2	2.5	1.9	1.4
14.80	147.23	483.0	229.2	15.59	11851	12.7	12.0	11.4	10.8	10.1	9.5	8.9	8.2	7.6	7.0	6.3	5.7	5.1	4.4	3.8	3.2	2.5	1.9	1.3
14.85	147.73	484.7	229.9	15.64	11888	12.6	12.0	11.4	10.7	10.1	9.5	8.8	8.2	7.6	6.9	6.3	5.7	5.0	4.4	3.8	3.2	2.5	1.9	1.3
14.90	148.23	486.3	230.6	15.69	11926	12.6	11.9	11.3	10.7	10.1	9.4	8.8	8.2	7.5	6.9	6.3	5.7	5.0	4.4	3.8	3.1	2.5	1.9	1.3
14.95	148.72	487.9	231.3	15.74	11963	12.5	11.9	11.3	10.7	10.0	9.4	8.8	8.2	7.5	6.9	6.3	5.6	5.0	4.4	3.8	3.1	2.5	1.9	1.3

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
15.00	149.22	489.6	232.1	15.79	12001	12.5	11.9	11.3	10.6	10.0	9.4	8.8	8.1	7.5	6.9	6.3	5.6	5.0	4.4	3.8	3.1	2.5	1.9	1.7
15.05	149.72	491.2	232.8	15.84	12038	12.5	11.8	11.2	10.6	10.0	9.3	8.7	8.1	7.5	6.9	6.2	5.6	5.0	4.4	3.7	3.1	2.5	1.9	1.3
15.10	150.22	492.8	233.5	15.89	12076	12.4	11.8	11.2	10.6	9.9	9.3	8.7	8.1	7.5	6.8	6.2	5.6	5.0	4.3	3.7	3.1	2.5	1.9	1.3
15.15	150.71	494.5	234.2	15.94	12113	12.4	11.8	11.1	10.5	9.9	9.3	8.7	8.0	7.4	6.8	6.2	5.6	5.0	4.3	3.7	3.1	2.5	1.9	1.3
15.20	151.21	496.1	235.0	15.99	12151	12.3	11.7	11.1	10.5	9.9	9.3	8.6	8.0	7.4	6.8	6.2	5.6	4.9	4.3	3.7	3.1	2.5	1.9	1.3
15.25	151.71	497.7	235.7	16.04	12188	12.3	11.7	11.1	10.5	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.5	4.9	4.3	3.7	3.1	2.5	1.8	1.3
15.30	152.21	499.4	236.4	16.09	12226	12.3	11.7	11.0	10.4	9.8	9.2	8.6	8.0	7.4	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.5	1.8	1.3
15.35	152.70	501.0	237.1	16.14	12263	12.2	11.6	11.0	10.4	9.8	9.2	8.6	8.0	7.3	6.7	6.1	5.5	4.9	4.3	3.7	3.1	2.4	1.8	1.3
15.40	153.20	502.6	237.9	16.19	12301	12.2	11.6	11.0	10.4	9.8	9.1	8.5	7.9	7.3	6.7	6.1	5.5	4.9	4.3	3.7	3.0	2.4	1.8	1.3
15.45	153.70	504.3	238.6	16.23	12338	12.2	11.6	10.9	10.3	9.7	9.1	8.5	7.9	7.3	6.7	6.1	5.5	4.9	4.3	3.6	3.0	2.4	1.8	1.3
15.50	154.20	505.9	239.3	16.28	12376	12.1	11.5	10.9	10.3	9.7	9.1	8.5	7.9	7.3	6.7	6.1	5.5	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.55	154.69	507.5	240.0	16.33	12413	12.1	11.5	10.9	10.3	9.7	9.1	8.5	7.9	7.3	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.60	155.19	509.2	240.8	16.38	12451	12.0	11.4	10.8	10.2	9.6	9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.65	155.69	510.8	241.5	16.43	12488	12.0	11.4	10.8	10.2	9.6	9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.70	156.19	512.4	242.2	16.48	12526	12.0	11.4	10.8	10.2	9.6	9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.75	156.68	514.0	242.9	16.53	12564	11.9	11.3	10.7	10.1	9.6	9.0	8.4	7.8	7.2	6.6	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.80	157.18	515.7	243.7	16.58	12601	11.9	11.3	10.7	10.1	9.5	8.9	8.3	7.7	7.1	6.5	6.0	5.4	4.8	4.2	3.6	3.0	2.4	1.8	1.3
15.85	157.68	517.3	244.4	16.63	12639	11.9	11.3	10.7	10.1	9.5	8.9	8.3	7.7	7.1	6.5	5.9	5.3	4.7	4.2	3.6	3.0	2.4	1.8	1.3
15.90	158.17	518.9	245.1	16.68	12676	11.8	11.2	10.7	10.1	9.5	8.9	8.3	7.7	7.1	6.5	5.9	5.3	4.7	4.1	3.6	3.0	2.4	1.8	1.3
15.95	158.67	520.6	245.8	16.73	12714	11.8	11.2	10.6	10.0	9.4	8.8	8.3	7.7	7.1	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.4	1.8	1.3
16.00	159.17	522.2	246.6	16.78	12751	11.8	11.2	10.6	10.0	9.4	8.8	8.2	7.6	7.1	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.4	1.8	1.3
16.05	159.67	523.8	247.3	16.83	12789	11.7	11.1	10.6	10.0	9.4	8.8	8.2	7.6	7.0	6.5	5.9	5.3	4.7	4.1	3.5	2.9	2.3	1.8	1.2
16.10	160.16	525.5	248.0	16.88	12826	11.7	11.1	10.5	9.9	9.4	8.8	8.2	7.6	7.0	6.4	5.8	5.3	4.7	4.1	3.5	2.9	2.3	1.8	1.2
16.15	160.66	527.1	248.7	16.93	12864	11.7	11.1	10.5	9.9	9.3	8.7	8.2	7.6	7.0	6.4	5.8	5.2	4.7	4.1	3.5	2.9	2.3	1.7	1.2
16.20	161.16	528.7	249.5	16.97	12901	11.6	11.0	10.5	9.9	9.3	8.7	8.1	7.6	7.0	6.4	5.8	5.2	4.7	4.1	3.5	2.9	2.3	1.7	1.2

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																		
BARS	MSW gauge	FSW	PSIA	ATA absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
16.25	161.66	530.4	250.2	17.02	12939	11.6	11.0	10.4	9.9	9.3	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.6	4.1	3.5	2.9	2.3	1.7	1.2
16.30	162.15	532.0	250.9	17.07	12976	11.6	11.0	10.4	9.8	9.2	8.7	8.1	7.5	6.9	6.4	5.8	5.2	4.6	4.0	3.5	2.9	2.3	1.7	1.2
16.35	162.65	533.6	251.6	17.12	13014	11.5	11.0	10.4	9.8	9.2	8.6	8.1	7.5	6.9	6.3	5.8	5.2	4.6	4.0	3.5	2.9	2.3	1.7	1.2
16.40	163.15	535.3	252.4	17.17	13051	11.5	10.9	10.3	9.8	9.2	8.6	8.0	7.5	6.9	6.3	5.7	5.2	4.6	4.0	3.4	2.9	2.3	1.7	1.2
16.45	163.65	536.9	253.1	17.22	13089	11.5	10.9	10.3	9.7	9.2	8.6	8.0	7.4	6.9	6.3	5.7	5.2	4.6	4.0	3.4	2.9	2.3	1.7	1.2
16.50	164.14	538.5	253.8	17.27	13126	11.4	10.9	10.3	9.7	9.1	8.6	8.0	7.4	6.9	6.3	5.7	5.1	4.6	4.0	3.4	2.9	2.3	1.7	1.2
16.55	164.64	540.2	254.5	17.32	13164	11.4	10.8	10.3	9.7	9.1	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.6	4.0	3.4	2.8	2.3	1.7	1.2
16.60	165.14	541.8	255.3	17.37	13201	11.4	10.8	10.2	9.7	9.1	8.5	8.0	7.4	6.8	6.3	5.7	5.1	4.5	4.0	3.4	2.8	2.3	1.7	1.2
16.65	165.64	543.4	256.0	17.42	13239	11.3	10.8	10.2	9.6	9.1	8.5	7.9	7.4	6.8	6.2	5.7	5.1	4.5	4.0	3.4	2.8	2.3	1.7	1.2
16.70	166.13	545.1	256.7	17.47	13276	11.3	10.7	10.2	9.6	9.0	8.5	7.9	7.3	6.8	6.2	5.6	5.1	4.5	4.0	3.4	2.8	2.3	1.7	1.2
16.75	166.63	546.7	257.4	17.52	13314	11.3	10.7	10.1	9.6	9.0	8.5	7.9	7.3	6.8	6.2	5.6	5.1	4.5	3.9	3.4	2.8	2.3	1.7	1.2
16.80	167.13	548.3	258.2	17.57	13351	11.2	10.7	10.1	9.6	9.0	8.4	7.9	7.3	6.7	6.2	5.6	5.1	4.5	3.9	3.4	2.8	2.2	1.7	1.2
16.85	167.63	550.0	258.9	17.62	13389	11.2	10.6	10.1	9.5	9.0	8.4	7.8	7.3	6.7	6.2	5.6	5.0	4.5	3.9	3.4	2.8	2.2	1.7	1.2
16.90	168.12	551.6	259.6	17.67	13426	11.2	10.6	10.1	9.5	8.9	8.4	7.8	7.3	6.7	6.1	5.6	5.0	4.5	3.9	3.4	2.8	2.2	1.7	1.2
16.95	168.62	553.2	260.3	17.71	13464	11.1	10.6	10.0	9.5	8.9	8.4	7.8	7.2	6.7	6.1	5.6	5.0	4.5	3.9	3.3	2.8	2.2	1.7	1.2
17.00	169.12	554.8	261.1	17.76	13501	11.1	10.6	10.0	9.4	8.9	8.3	7.8	7.2	6.7	6.1	5.6	5.0	4.4	3.9	3.3	2.8	2.2	1.7	1.2
17.05	169.62	556.5	261.8	17.81	13539	11.1	10.5	10.0	9.4	8.9	8.3	7.8	7.2	6.6	6.1	5.5	5.0	4.4	3.9	3.3	2.8	2.2	1.7	1.2
17.10	170.11	558.1	262.5	17.86	13576	11.0	10.5	9.9	9.4	8.8	8.3	7.7	7.2	6.6	6.1	5.5	5.0	4.4	3.9	3.3	2.8	2.2	1.7	1.2
17.15	170.61	559.7	263.2	17.91	13614	11.0	10.5	9.9	9.4	8.8	8.3	7.7	7.2	6.6	6.1	5.5	5.0	4.4	3.9	3.3	2.8	2.2	1.7	1.2
17.20	171.11	561.4	264.0	17.96	13651	11.0	10.4	9.9	9.3	8.8	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.2
17.25	171.60	563.0	264.7	18.01	13689	11.0	10.4	9.9	9.3	8.8	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.2
17.30	172.10	564.6	265.4	18.06	13726	10.9	10.4	9.8	9.3	8.7	8.2	7.7	7.1	6.6	6.0	5.5	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.2
17.35	172.60	566.3	266.1	18.11	13764	10.9	10.4	9.8	9.3	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.9	4.4	3.8	3.3	2.7	2.2	1.6	1.2
17.40	173.10	567.9	266.9	18.16	13801	10.9	10.3	9.8	9.2	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.2
17.45	173.59	569.5	267.6	18.21	13839	10.8	10.3	9.8	9.2	8.7	8.1	7.6	7.0	6.5	6.0	5.4	4.9	4.3	3.8	3.3	2.7	2.2	1.6	1.2

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
17.50	174.09	571.2	260.3	18.26	13876	10.8	10.3	9.7	9.2	8.6	8.1	7.6	7.0	6.5	5.9	5.4	4.9	4.3	3.8	3.2	2.7	2.2	1.6	1.2
17.55	174.59	572.8	269.0	18.31	13914	10.8	10.2	9.7	9.2	8.6	8.1	7.5	7.0	6.5	5.9	5.4	4.9	4.3	3.8	3.2	2.7	2.2	1.6	1.1
17.60	175.09	574.4	269.8	18.36	13951	10.8	10.2	9.7	9.1	8.6	8.1	7.5	7.0	6.5	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.2	1.6	1.1
17.65	175.58	576.1	270.5	18.41	13989	10.7	10.2	9.7	9.1	8.6	8.0	7.5	7.0	6.4	5.9	5.4	4.8	4.3	3.8	3.2	2.7	2.1	1.6	1.1
17.70	176.08	577.7	271.2	18.46	14026	10.7	10.2	9.6	9.1	8.6	8.0	7.5	7.0	6.4	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
17.75	176.58	579.3	272.0	18.50	14064	10.7	10.1	9.6	9.1	8.5	8.0	7.5	6.9	6.4	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
17.80	177.08	581.0	272.7	18.55	14101	10.6	10.1	9.6	9.0	8.5	8.0	7.4	6.9	6.4	5.9	5.3	4.8	4.3	3.7	3.2	2.7	2.1	1.6	1.1
17.85	177.57	582.6	273.4	18.60	14139	10.6	10.1	9.5	9.0	8.5	8.0	7.4	6.9	6.4	5.8	5.3	4.8	4.2	3.7	3.2	2.7	2.1	1.6	1.1
17.90	178.07	584.2	274.1	18.65	14176	10.6	10.1	9.5	9.0	8.5	7.9	7.4	6.9	6.3	5.8	5.3	4.8	4.2	3.7	3.2	2.6	2.1	1.6	1.1
17.95	178.57	585.9	274.9	18.70	14214	10.6	10.0	9.5	9.0	8.4	7.9	7.4	6.9	6.3	5.8	5.3	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.1
18.00	179.07	587.5	275.6	18.75	14251	10.5	10.0	9.5	8.9	8.4	7.9	7.4	6.8	6.3	5.8	5.3	4.7	4.2	3.7	3.2	2.6	2.1	1.6	1.1
18.05	179.56	589.1	276.3	18.80	14289	10.5	10.0	9.4	8.9	8.4	7.9	7.3	6.8	6.3	5.8	5.2	4.7	4.2	3.7	3.1	2.6	2.1	1.6	1.1
18.10	180.06	590.7	277.0	18.85	14326	10.5	9.9	9.4	8.9	8.4	7.9	7.3	6.8	6.3	5.8	5.2	4.7	4.2	3.7	3.1	2.6	2.1	1.6	1.1
18.15	180.56	592.4	277.8	18.90	14364	10.4	9.9	9.4	8.9	8.4	7.8	7.3	6.8	6.3	5.7	5.2	4.7	4.2	3.7	3.1	2.6	2.1	1.6	1.1
18.20	181.06	594.0	278.5	18.95	14401	10.4	9.9	9.4	8.9	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1
18.25	181.55	595.6	279.2	19.00	14439	10.4	9.9	9.4	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.2	4.7	4.2	3.6	3.1	2.6	2.1	1.6	1.1
18.30	182.05	597.3	279.9	19.05	14476	10.4	9.8	9.3	8.8	8.3	7.8	7.3	6.7	6.2	5.7	5.2	4.7	4.1	3.6	3.1	2.6	2.1	1.6	1.1
18.35	182.55	598.9	280.7	19.10	14514	10.3	9.8	9.3	8.8	8.3	7.8	7.2	6.7	6.2	5.7	5.2	4.7	4.1	3.6	3.1	2.6	2.1	1.6	1.1
18.40	183.05	600.5	281.4	19.15	14551	10.3	9.8	9.3	8.8	8.2	7.7	7.2	6.7	6.2	5.7	5.2	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.1
18.45	183.54	602.2	282.1	19.20	14589	10.3	9.8	9.3	8.7	8.2	7.7	7.2	6.7	6.2	5.7	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.1
18.50	184.04	603.8	282.8	19.24	14626	10.3	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.1	1.5	1.1
18.55	184.54	605.4	283.6	19.29	14664	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.0	1.5	1.1
18.60	185.03	607.1	284.3	19.34	14701	10.2	9.7	9.2	8.7	8.2	7.7	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.6	2.0	1.5	1.1
18.65	185.53	608.7	285.0	19.39	14739	10.2	9.7	9.2	8.7	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.5	2.0	1.5	1.1
18.70	186.03	610.3	285.7	19.44	14776	10.2	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.6	3.0	2.5	2.0	1.5	1.1

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
18.75	186.53	612.0	286.5	19.49	14814	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.1	3.5	3.0	2.5	2.0	1.5	1.1
18.80	187.02	613.6	287.2	19.54	14851	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
18.85	187.52	615.2	287.9	19.59	14889	10.1	9.6	9.1	8.6	8.1	7.6	7.1	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
18.90	188.02	616.9	288.6	19.64	14926	10.1	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
18.95	188.52	618.5	289.4	19.69	14964	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.00	189.01	620.1	290.1	19.74	15001	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.05	189.51	621.8	290.8	19.79	15039	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.10	190.01	623.4	291.5	19.84	15076	10.0	9.5	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.15	190.51	625.0	292.3	19.89	15114	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.20	191.00	626.6	293.0	19.94	15151	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.4	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.25	191.50	628.3	293.7	19.98	15189	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.4	4.9	4.4	4.0	3.5	3.0	2.5	2.0	1.5	1.1
19.30	192.00	629.9	294.4	20.03	15226	9.9	9.4	8.9	8.4	7.9	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	3.0	2.5	2.0	1.5	1.0
19.35	192.50	631.5	295.2	20.08	15264	9.8	9.3	8.8	8.4	7.9	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.5	2.0	1.5	1.0
19.40	192.99	633.2	295.9	20.13	15301	9.8	9.3	8.8	8.3	7.8	7.4	6.9	6.4	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.5	2.0	1.5	1.0
19.45	193.49	634.8	296.6	20.18	15339	9.8	9.3	8.8	8.3	7.8	7.3	6.8	6.4	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
19.50	193.99	636.4	297.3	20.23	15376	9.8	9.3	8.8	8.3	7.8	7.3	6.8	6.3	5.9	5.4	4.9	4.4	3.9	3.4	2.9	2.4	2.0	1.5	1.0
19.55	194.49	638.1	298.1	20.28	15414	9.7	9.2	8.8	8.3	7.8	7.3	6.8	6.3	5.8	5.4	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
19.60	194.98	639.7	298.8	20.33	15451	9.7	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
19.65	195.48	641.3	299.5	20.38	15489	9.7	9.2	8.7	8.2	7.7	7.3	6.8	6.3	5.8	5.3	4.8	4.4	3.9	3.4	2.9	2.4	1.9	1.5	1.0
19.70	195.98	643.0	300.2	20.43	15526	9.7	9.2	8.7	8.2	7.7	7.2	6.8	6.3	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
19.75	196.47	644.6	301.0	20.48	15564	9.6	9.2	8.7	8.2	7.7	7.2	6.7	6.3	5.8	5.3	4.8	4.3	3.9	3.4	2.9	2.4	1.9	1.4	1.0
19.80	196.97	646.2	301.7	20.53	15601	9.6	9.1	8.7	8.2	7.7	7.2	6.7	6.3	5.8	5.3	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
19.85	197.47	647.9	302.4	20.58	15639	9.6	9.1	8.6	8.2	7.7	7.2	6.7	6.2	5.8	5.3	4.8	4.3	3.8	3.4	2.9	2.4	1.9	1.4	1.0
19.90	197.97	649.5	303.1	20.63	15676	9.6	9.1	8.6	8.1	7.7	7.2	6.7	6.2	5.7	5.3	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
19.95	198.46	651.1	303.9	20.68	15714	9.5	9.1	8.6	8.1	7.6	7.2	6.7	6.2	5.7	5.3	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																		
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
20.00	190.96	652.8	304.6	20.72	15751	9.5	9.0	8.6	8.1	7.6	7.1	6.7	6.2	5.7	5.2	4.8	4.3	3.8	3.3	2.9	2.4	1.9	1.4	1.0
20.10	191.96	656.0	306.0	20.82	15826	9.5	9.0	8.5	8.1	7.6	7.1	6.6	6.2	5.7	5.2	4.7	4.3	3.8	3.3	2.8	2.4	1.9	1.4	1.0
20.20	192.95	659.3	307.5	20.92	15901	9.4	9.0	8.5	8.0	7.5	7.1	6.6	6.1	5.7	5.2	4.7	4.2	3.8	3.3	2.8	2.4	1.9	1.4	1.0
20.30	193.95	662.6	308.9	21.02	15976	9.4	8.9	8.5	8.0	7.5	7.0	6.6	6.1	5.6	5.2	4.7	4.2	3.8	3.3	2.8	2.3	1.9	1.4	1.0
20.40	194.94	665.8	310.4	21.12	16051	9.3	8.9	8.4	7.9	7.5	7.0	6.5	6.1	5.6	5.1	4.7	4.2	3.7	3.3	2.8	2.3	1.9	1.4	1.0
20.50	195.94	669.1	311.8	21.22	16126	9.3	8.8	8.4	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.7	4.2	3.7	3.3	2.8	2.3	1.9	1.4	1.0
20.60	196.93	672.3	313.3	21.32	16201	9.3	8.8	8.3	7.9	7.4	6.9	6.5	6.0	5.6	5.1	4.6	4.2	3.7	3.2	2.8	2.3	1.9	1.4	1.0
20.70	197.93	675.6	314.7	21.42	16276	9.2	8.8	8.3	7.8	7.4	6.9	6.5	6.0	5.5	5.1	4.6	4.1	3.7	3.2	2.8	2.3	1.8	1.4	1.0
20.80	198.92	678.9	316.2	21.51	16351	9.2	8.7	8.3	7.8	7.3	6.9	6.4	6.0	5.5	5.0	4.6	4.1	3.7	3.2	2.8	2.3	1.8	1.4	1.0
20.90	199.92	682.1	317.6	21.61	16426	9.1	8.7	8.2	7.8	7.3	6.8	6.4	5.9	5.5	5.0	4.6	4.1	3.7	3.2	2.7	2.3	1.8	1.4	1.0
21.00	200.91	685.4	319.1	21.71	16501	9.1	8.6	8.2	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	1.0
21.10	201.90	688.7	320.5	21.81	16576	9.0	8.6	8.1	7.7	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	1.0
21.20	202.90	691.9	322.0	21.91	16651	9.0	8.6	8.1	7.7	7.2	6.8	6.3	5.9	5.4	5.0	4.5	4.1	3.6	3.2	2.7	2.3	1.8	1.4	1.0
21.30	203.89	695.2	323.4	22.01	16726	9.0	8.5	8.1	7.6	7.2	6.7	6.3	5.8	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	1.0
21.40	204.89	698.5	324.9	22.11	16801	8.9	8.5	8.0	7.6	7.1	6.7	6.3	5.8	5.4	4.9	4.5	4.0	3.6	3.1	2.7	2.2	1.8	1.3	1.0
21.50	205.88	701.7	326.3	22.21	16876	8.9	8.4	8.0	7.6	7.1	6.7	6.2	5.8	5.3	4.9	4.4	4.0	3.6	3.1	2.7	2.2	1.8	1.3	0.9
21.60	206.88	705.0	327.8	22.30	16951	8.8	8.4	8.0	7.5	7.1	6.6	6.2	5.8	5.3	4.9	4.4	4.0	3.5	3.1	2.7	2.2	1.8	1.3	0.9
21.70	207.87	708.2	329.2	22.40	17026	8.8	8.4	7.9	7.5	7.0	6.6	6.2	5.7	5.3	4.8	4.4	4.0	3.5	3.1	2.6	2.2	1.8	1.3	0.9
21.80	208.87	711.5	330.7	22.50	17101	8.8	8.3	7.9	7.5	7.0	6.6	6.1	5.7	5.3	4.8	4.4	3.9	3.5	3.1	2.6	2.2	1.8	1.3	0.9
21.90	209.86	714.8	332.1	22.60	17176	8.7	8.3	7.9	7.4	7.0	6.6	6.1	5.7	5.2	4.8	4.4	3.9	3.5	3.1	2.6	2.2	1.7	1.3	0.9
22.00	210.86	718.0	333.6	22.70	17251	8.7	8.3	7.8	7.4	7.0	6.5	6.1	5.7	5.2	4.8	4.3	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
22.10	211.85	721.3	335.0	22.80	17326	8.7	8.2	7.8	7.4	6.9	6.5	6.1	5.6	5.2	4.8	4.3	3.9	3.5	3.0	2.6	2.2	1.7	1.3	0.9
22.20	212.85	724.6	336.5	22.90	17401	8.6	8.2	7.8	7.3	6.9	6.5	6.0	5.6	5.2	4.7	4.3	3.9	3.4	3.0	2.6	2.2	1.7	1.3	0.9
22.30	213.84	727.8	337.9	22.99	17476	8.6	8.2	7.7	7.3	6.9	6.4	6.0	5.6	5.2	4.7	4.3	3.9	3.4	3.0	2.6	2.1	1.7	1.3	0.9
22.40	214.84	731.1	339.4	23.09	17551	8.5	8.1	7.7	7.3	6.8	6.4	6.0	5.6	5.1	4.7	4.3	3.8	3.4	3.0	2.6	2.1	1.7	1.3	0.9

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
22.50	223.83	734.4	340.8	23.19	17626	0.5	0.1	7.7	7.2	6.8	6.4	6.0	5.5	5.1	4.7	4.3	3.8	3.4	3.0	2.6	2.1	1.7	1.3	0.9
22.60	224.83	737.6	342.3	23.29	17701	0.5	0.1	7.6	7.2	6.8	6.4	5.9	5.5	5.1	4.7	4.2	3.8	3.4	3.0	2.5	2.1	1.7	1.3	0.9
22.70	225.82	740.9	343.7	23.39	17776	0.4	0.0	7.6	7.2	6.8	6.3	5.9	5.5	5.1	4.6	4.2	3.8	3.4	3.0	2.5	2.1	1.7	1.3	0.9
22.80	226.82	744.1	345.2	23.49	17851	0.4	0.0	7.6	7.1	6.7	6.3	5.9	5.5	5.0	4.6	4.2	3.8	3.4	2.9	2.5	2.1	1.7	1.3	0.9
22.90	227.81	747.4	346.6	23.59	17926	0.4	7.9	7.5	7.1	6.7	6.3	5.9	5.4	5.0	4.6	4.2	3.8	3.3	2.9	2.5	2.1	1.7	1.3	0.9
23.00	228.81	750.7	348.1	23.69	18001	0.3	7.9	7.5	7.1	6.7	6.3	5.8	5.4	5.0	4.6	4.2	3.8	3.3	2.9	2.5	2.1	1.7	1.3	0.9
23.10	229.80	753.9	349.5	23.78	18076	0.3	7.9	7.5	7.1	6.6	6.2	5.8	5.4	5.0	4.6	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.9
23.20	230.80	757.2	351.0	23.88	18151	0.3	7.9	7.4	7.0	6.6	6.2	5.8	5.4	5.0	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.7	1.2	0.9
23.30	231.79	760.5	352.4	23.98	18226	0.2	7.8	7.4	7.0	6.6	6.2	5.8	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.1	1.6	1.2	0.9
23.40	232.79	763.7	353.9	24.08	18301	0.2	7.8	7.4	7.0	6.6	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.5	2.0	1.6	1.2	0.9
23.50	233.78	767.0	355.3	24.18	18376	0.2	7.8	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.4	2.0	1.6	1.2	0.9
23.60	234.78	770.3	356.8	24.28	18451	0.1	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.8	2.4	2.0	1.6	1.2	0.9
23.70	235.77	773.5	358.2	24.38	18526	0.1	7.7	7.3	6.9	6.5	6.1	5.7	5.3	4.9	4.5	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.9
23.80	236.76	776.8	359.7	24.48	18601	0.1	7.7	7.3	6.9	6.5	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.9
23.90	237.76	780.0	361.1	24.57	18676	0.0	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.9
24.00	238.75	783.3	362.6	24.67	18752	0.0	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.9
24.10	239.75	786.6	364.1	24.77	18827	0.6	7.6	7.2	6.8	6.4	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
24.20	240.74	789.8	365.5	24.87	18902	7.9	7.5	7.1	6.7	6.3	6.0	5.6	5.2	4.8	4.4	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
24.30	241.74	793.1	367.0	24.97	18977	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.3	4.0	3.6	3.2	2.8	2.4	2.0	1.6	1.2	0.8
24.40	242.73	796.4	368.4	25.07	19052	7.9	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1	2.8	2.4	2.0	1.6	1.2	0.8
24.50	243.73	799.6	369.9	25.17	19127	7.8	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1	2.7	2.4	2.0	1.6	1.2	0.8
24.60	244.72	802.9	371.3	25.26	19202	7.8	7.4	7.0	6.6	6.3	5.9	5.5	5.1	4.7	4.3	3.9	3.5	3.1	2.7	2.3	2.0	1.6	1.2	0.8
24.70	245.72	806.2	372.8	25.36	19277	7.8	7.4	7.0	6.6	6.2	5.8	5.4	5.1	4.7	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
24.80	246.71	809.4	374.2	25.46	19352	7.8	7.4	7.0	6.6	6.2	5.8	5.4	5.0	4.7	4.3	3.9	3.5	3.1	2.7	2.3	1.9	1.6	1.2	0.8
24.90	247.71	812.7	375.7	25.56	19427	7.7	7.3	6.9	6.6	6.2	5.8	5.4	5.0	4.6	4.2	3.9	3.5	3.1	2.7	2.3	1.9	1.5	1.2	0.8

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
25.00	240.70	816.0	377.1	25.66	19502	7.7	7.3	6.9	6.5	6.2	5.8	5.4	5.0	4.6	4.2	3.8	3.5	3.1	2.7	2.3	1.9	1.5	1.2	0.8
25.10	241.70	819.2	378.6	25.76	19577	7.7	7.3	6.9	6.5	6.1	5.7	5.4	5.0	4.6	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8
25.20	242.69	822.5	380.0	25.86	19652	7.6	7.3	6.9	6.5	6.1	5.7	5.3	5.0	4.6	4.2	3.8	3.4	3.1	2.7	2.3	1.9	1.5	1.1	0.8
25.30	243.69	825.7	381.5	25.96	19727	7.6	7.2	6.8	6.5	6.1	5.7	5.3	4.9	4.6	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
25.40	244.68	829.0	382.9	26.05	19802	7.6	7.2	6.8	6.4	6.1	5.7	5.3	4.9	4.5	4.2	3.8	3.4	3.0	2.7	2.3	1.9	1.5	1.1	0.8
25.50	245.68	832.3	384.4	26.15	19877	7.5	7.2	6.8	6.4	6.0	5.7	5.3	4.9	4.5	4.2	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
25.60	246.67	835.5	385.8	26.25	19952	7.5	7.1	6.8	6.4	6.0	5.6	5.3	4.9	4.5	4.1	3.8	3.4	3.0	2.6	2.3	1.9	1.5	1.1	0.8
25.70	247.67	838.8	387.3	26.35	20027	7.5	7.1	6.7	6.4	6.0	5.6	5.2	4.9	4.5	4.1	3.7	3.4	3.0	2.6	2.2	1.9	1.5	1.1	0.8
25.80	248.66	842.1	388.7	26.45	20102	7.5	7.1	6.7	6.3	6.0	5.6	5.2	4.9	4.5	4.1	3.7	3.4	3.0	2.6	2.2	1.9	1.5	1.1	0.8
25.90	249.66	845.3	390.2	26.55	20177	7.4	7.1	6.7	6.3	5.9	5.6	5.2	4.8	4.5	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.8
26.00	250.65	848.6	391.6	26.65	20252	7.4	7.0	6.7	6.3	5.9	5.6	5.2	4.8	4.4	4.1	3.7	3.3	3.0	2.6	2.2	1.9	1.5	1.1	0.8
26.10	251.65	851.9	393.1	26.74	20327	7.4	7.0	6.6	6.3	5.9	5.5	5.2	4.8	4.4	4.1	3.7	3.3	3.0	2.6	2.2	1.8	1.5	1.1	0.8
26.20	252.64	855.1	394.5	26.84	20402	7.4	7.0	6.6	6.3	5.9	5.5	5.1	4.8	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
26.30	253.64	858.4	396.0	26.94	20477	7.3	7.0	6.6	6.2	5.9	5.5	5.1	4.8	4.4	4.0	3.7	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
26.40	254.63	861.6	397.4	27.04	20552	7.3	6.9	6.6	6.2	5.8	5.5	5.1	4.7	4.4	4.0	3.6	3.3	2.9	2.6	2.2	1.8	1.5	1.1	0.8
26.50	255.62	864.9	398.9	27.14	20627	7.3	6.9	6.5	6.2	5.8	5.5	5.1	4.7	4.4	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.5	1.1	0.8
26.60	256.62	868.2	400.3	27.24	20702	7.2	6.9	6.5	6.2	5.8	5.4	5.1	4.7	4.3	4.0	3.6	3.3	2.9	2.5	2.2	1.8	1.4	1.1	0.8
26.70	257.61	871.4	401.8	27.34	20777	7.2	6.9	6.5	6.1	5.8	5.4	5.1	4.7	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.8
26.80	258.61	874.7	403.2	27.44	20852	7.2	6.8	6.5	6.1	5.8	5.4	5.0	4.7	4.3	4.0	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.8
26.90	259.60	878.0	404.7	27.53	20927	7.2	6.8	6.5	6.1	5.7	5.4	5.0	4.7	4.3	3.9	3.6	3.2	2.9	2.5	2.2	1.8	1.4	1.1	0.8
27.00	260.60	881.2	406.1	27.63	21002	7.1	6.8	6.4	6.1	5.7	5.4	5.0	4.6	4.3	3.9	3.6	3.2	2.9	2.5	2.1	1.8	1.4	1.1	0.8
27.10	261.59	884.5	407.6	27.73	21077	7.1	6.8	6.4	6.0	5.7	5.3	5.0	4.6	4.3	3.9	3.6	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.8
27.20	262.59	887.8	409.0	27.83	21152	7.1	6.7	6.4	6.0	5.7	5.3	5.0	4.6	4.3	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.8
27.30	263.58	891.0	410.5	27.93	21227	7.1	6.7	6.4	6.0	5.7	5.3	4.9	4.6	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.8
27.40	264.58	894.3	411.9	28.03	21302	7.0	6.7	6.3	6.0	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.8	1.4	1.1	0.8

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
27.50	273.57	897.5	413.4	28.13	21377	7.1	6.7	6.3	6.8	5.6	5.3	4.9	4.6	4.2	3.9	3.5	3.2	2.8	2.5	2.1	1.9	1.4	1.1	0.7
27.60	274.57	900.8	414.8	28.23	21452	7.0	6.6	6.3	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
27.70	275.56	904.1	416.3	28.32	21527	7.0	6.6	6.3	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
27.80	276.56	907.3	417.7	28.42	21602	6.9	6.6	6.3	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
27.90	277.55	910.6	419.2	28.52	21677	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.5	4.2	3.8	3.5	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
28.00	278.55	913.9	420.6	28.62	21752	6.9	6.6	6.2	5.9	5.5	5.2	4.8	4.5	4.1	3.8	3.4	3.1	2.8	2.4	2.1	1.7	1.4	1.0	0.7
28.10	279.54	917.1	422.1	28.72	21827	6.9	6.5	6.2	5.8	5.5	5.2	4.8	4.5	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.7
28.20	280.54	920.4	423.5	28.82	21902	6.8	6.5	6.2	5.8	5.5	5.1	4.8	4.5	4.1	3.8	3.4	3.1	2.7	2.4	2.1	1.7	1.4	1.0	0.7
28.30	281.53	923.7	425.0	28.92	21977	6.8	6.5	6.1	5.8	5.5	5.1	4.8	4.4	4.1	3.8	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
28.40	282.53	926.9	426.4	29.01	22052	6.8	6.5	6.1	5.8	5.4	5.1	4.8	4.4	4.1	3.7	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
28.50	283.52	930.2	427.9	29.11	22127	6.8	6.4	6.1	5.8	5.4	5.1	4.7	4.4	4.1	3.7	3.4	3.1	2.7	2.4	2.0	1.7	1.4	1.0	0.7
28.60	284.52	933.4	429.3	29.21	22202	6.8	6.4	6.1	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.4	1.0	0.7
28.70	285.51	936.7	430.8	29.31	22277	6.7	6.4	6.1	5.7	5.4	5.1	4.7	4.4	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.3	1.0	0.7
28.80	286.51	940.0	432.2	29.41	22352	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.4	4.0	3.7	3.4	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
28.90	287.50	943.2	433.7	29.51	22427	6.7	6.4	6.0	5.7	5.4	5.0	4.7	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
29.00	288.49	946.5	435.1	29.61	22502	6.7	6.3	6.0	5.7	5.3	5.0	4.7	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
29.10	289.49	949.8	436.6	29.71	22577	6.6	6.3	6.0	5.6	5.3	5.0	4.7	4.3	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7
29.20	290.48	953.0	438.0	29.80	22652	6.6	6.3	6.0	5.6	5.3	5.0	4.6	4.3	4.0	3.6	3.3	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
29.30	291.48	956.3	439.5	29.90	22727	6.6	6.3	5.9	5.6	5.3	5.0	4.6	4.3	4.0	3.6	3.3	3.0	2.6	2.3	2.0	1.7	1.3	1.0	0.7
29.40	292.47	959.6	440.9	30.00	22802	6.6	6.3	5.9	5.6	5.3	4.9	4.6	4.3	3.9	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
29.50	293.47	962.8	442.4	30.10	22877	6.6	6.2	5.9	5.6	5.2	4.9	4.6	4.3	3.9	3.6	3.3	3.0	2.6	2.3	2.0	1.6	1.3	1.0	0.7
29.60	294.46	966.1	443.8	30.20	22952	6.5	6.2	5.9	5.6	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
29.70	295.46	969.3	445.3	30.30	23027	6.5	6.2	5.9	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.0	0.7
29.80	296.45	972.6	446.7	30.40	23102	6.5	6.2	5.8	5.5	5.2	4.9	4.5	4.2	3.9	3.6	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
29.90	297.45	975.9	448.2	30.50	23177	6.5	6.1	5.8	5.5	5.2	4.9	4.5	4.2	3.9	3.6	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
FSW (M)	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
30.00	298.44	979.1	449.6	30.59	23252	6.5	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.9	3.5	3.2	2.9	2.6	2.3	1.9	1.6	1.3	1.0	0.7
30.20	300.43	985.7	452.5	30.79	23402	6.4	6.1	5.8	5.4	5.1	4.8	4.5	4.2	3.8	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.3	1.0	0.7
30.40	302.42	992.2	455.4	30.99	23552	6.4	6.1	5.7	5.4	5.1	4.8	4.5	4.1	3.8	3.5	3.2	2.9	2.5	2.2	1.9	1.6	1.3	1.0	0.7
30.60	304.41	998.7	458.3	31.19	23702	6.3	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.8	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.7
30.80	306.40	1005.3	461.2	31.38	23852	6.3	6.0	5.7	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.1	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.7
31.00	308.39	1011.8	464.1	31.58	24002	6.3	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.3	0.9	0.7
31.20	310.38	1018.3	467.0	31.78	24152	6.2	5.9	5.6	5.3	5.0	4.7	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.2	0.9	0.7
31.40	312.37	1024.8	469.9	31.98	24302	6.2	5.9	5.6	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.5	1.2	0.9	0.7
31.60	314.36	1031.4	472.8	32.17	24452	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.1	1.8	1.5	1.2	0.9	0.7
31.80	316.35	1037.9	475.7	32.37	24602	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
32.00	318.34	1044.4	478.6	32.57	24752	6.1	5.8	5.5	5.2	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
32.20	320.33	1050.9	481.5	32.77	24902	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
32.40	322.32	1057.5	484.4	32.96	25052	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
32.60	324.31	1064.0	487.3	33.16	25202	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
32.80	326.30	1070.5	490.2	33.36	25352	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.4	2.1	1.8	1.5	1.2	0.9	0.6
33.00	328.29	1077.1	493.1	33.55	25502	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.4	2.1	1.8	1.5	1.2	0.9	0.6
33.20	330.28	1083.6	496.0	33.75	25652	5.8	5.6	5.3	5.0	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.8	1.5	1.2	0.9	0.6
33.40	332.27	1090.1	498.9	33.95	25802	5.8	5.5	5.2	4.9	4.7	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.5	1.2	0.9	0.6
33.60	334.26	1096.6	501.8	34.15	25952	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.8	3.5	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.2	0.9	0.6
33.80	336.25	1103.2	504.7	34.34	26102	5.7	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.2	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
34.00	338.24	1109.7	507.6	34.54	26252	5.7	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.1	2.9	2.6	2.3	2.0	1.7	1.4	1.1	0.9	0.6
34.20	340.23	1116.2	510.5	34.74	26402	5.7	5.4	5.1	4.8	4.5	4.3	4.0	3.7	3.4	3.1	2.8	2.6	2.3	2.0	1.7	.4	1.1	0.9	0.6
34.40	342.21	1122.7	513.4	34.94	26552	5.6	5.4	5.1	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.1	0.8	0.6
34.60	344.20	1129.3	516.3	35.13	26702	5.6	5.3	5.1	4.8	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2	2.0	1.7	1.4	1.1	0.8	0.6
34.80	346.19	1135.8	519.2	35.33	26852	5.6	5.3	5.0	4.7	4.5	4.2	3.9	3.6	3.4	3.1	2.8	2.5	2.2	2.0	1.7	1.4	1.1	0.8	0.6

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATA absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
35.00	348.18	1142.3	522.1	35.53	27002	5.6	5.3	5.0	4.7	4.4	4.2	3.9	3.6	3.3	3.1	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
35.20	350.17	1148.9	525.0	35.73	27152	5.5	5.2	5.0	4.7	4.4	4.1	3.9	3.6	3.3	3.0	2.8	2.5	2.2	1.9	1.7	1.4	1.1	0.8	0.6
35.40	352.16	1155.4	527.9	35.92	27302	5.5	5.2	4.9	4.7	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.6
35.60	354.15	1161.9	530.8	36.12	27452	5.5	5.2	4.9	4.6	4.4	4.1	3.8	3.6	3.3	3.0	2.7	2.5	2.2	1.9	1.6	1.4	1.1	0.8	0.6
35.80	356.14	1168.4	533.7	36.32	27602	5.4	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.3	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.6
36.00	358.13	1175.0	536.6	36.52	27752	5.4	5.1	4.9	4.6	4.3	4.1	3.8	3.5	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.4	1.1	0.8	0.6
36.20	360.12	1181.5	539.5	36.71	27902	5.4	5.1	4.8	4.6	4.3	4.0	3.8	3.5	3.2	3.0	2.7	2.4	2.2	1.9	1.6	1.3	1.1	0.8	0.6
36.40	362.11	1188.0	542.4	36.91	28052	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.5	3.2	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.6
36.60	364.10	1194.6	545.4	37.11	28202	5.3	5.1	4.8	4.5	4.3	4.0	3.7	3.5	3.2	2.9	2.7	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.6
36.80	366.09	1201.1	548.3	37.30	28352	5.3	5.0	4.8	4.5	4.2	4.0	3.7	3.4	3.2	2.9	2.6	2.4	2.1	1.9	1.6	1.3	1.1	0.8	0.6
37.00	368.08	1207.6	551.2	37.50	28502	5.3	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.2	2.9	2.6	2.4	2.1	1.8	1.6	1.3	1.1	0.8	0.6
37.20	370.07	1214.1	554.1	37.70	28652	5.2	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.9	2.6	2.4	2.1	1.8	1.6	1.3	1.0	0.8	0.6
37.40	372.06	1220.7	557.0	37.90	28802	5.2	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.9	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.6
37.60	374.05	1227.2	559.9	38.09	28952	5.2	4.9	4.7	4.4	4.1	3.9	3.6	3.4	3.1	2.8	2.6	2.3	2.1	1.8	1.6	1.3	1.0	0.8	0.6
37.80	376.04	1233.7	562.8	38.29	29102	5.2	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.1	2.8	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
38.00	378.03	1240.2	565.7	38.49	29252	5.1	4.9	4.6	4.4	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.1	1.8	1.5	1.3	1.0	0.8	0.5
38.20	380.02	1246.8	568.6	38.69	29402	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.1	2.8	2.6	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
38.40	382.01	1253.3	571.5	38.88	29552	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
38.60	384.00	1259.8	574.4	39.08	29702	5.1	4.8	4.5	4.3	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
38.80	385.99	1266.4	577.3	39.28	29852	5.0	4.8	4.5	4.3	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
39.00	387.98	1272.9	580.2	39.48	30002	5.0	4.8	4.5	4.3	4.0	3.8	3.5	3.3	3.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.0	0.8	0.5
39.20	389.97	1279.4	583.1	39.67	30152	5.0	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
39.40	391.96	1285.9	586.0	39.87	30302	5.0	4.7	4.5	4.2	4.0	3.7	3.5	3.2	3.0	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
39.60	393.94	1292.5	588.9	40.07	30452	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.2	3.0	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
39.80	395.93	1299.0	591.8	40.27	30602	4.9	4.7	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.7	2.5	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																		
						2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.21
FSW	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	1500	1425	1350	1275	1200	1125	1050	975	900	825	750	675	600	525	450	375	300	225	160
40.00	397.92	1305.5	594.7	40.46	30752	4.9	4.6	4.4	4.1	3.9	3.7	3.4	3.2	2.9	2.7	2.4	2.2	2.0	1.7	1.5	1.2	1.0	0.7	0.5
40.20	399.91	1312.0	597.6	40.66	30902	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.2	2.9	2.7	2.4	2.2	1.9	1.7	1.5	1.2	1.0	0.7	0.5
40.40	401.90	1318.6	600.5	40.86	31052	4.8	4.6	4.3	4.1	3.9	3.6	3.4	3.1	2.9	2.7	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
40.60	403.89	1325.1	603.4	41.06	31202	4.8	4.6	4.3	4.1	3.8	3.6	3.4	3.1	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
40.80	405.88	1331.6	606.3	41.25	31353	4.8	4.5	4.3	4.1	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.2	1.9	1.7	1.4	1.2	1.0	0.7	0.5
41.00	407.87	1338.2	609.2	41.45	31503	4.8	4.5	4.3	4.0	3.8	3.6	3.3	3.1	2.9	2.6	2.4	2.1	1.9	1.7	1.4	1.2	1.0	0.7	0.5
41.20	409.86	1344.7	612.1	41.65	31653	4.7	4.5	4.3	4.0	3.8	3.6	3.3	3.1	2.8	2.6	2.4	2.1	1.9	1.7	1.4	1.2	0.9	0.7	0.5
41.40	411.85	1351.2	615.0	41.84	31803	4.7	4.5	4.2	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.4	2.1	1.9	1.7	1.4	1.2	0.9	0.7	0.5
41.60	413.84	1357.7	617.9	42.04	31953	4.7	4.5	4.2	4.0	3.8	3.5	3.3	3.1	2.8	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
41.80	415.83	1364.3	620.8	42.24	32103	4.7	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
42.00	417.82	1370.8	623.7	42.44	32253	4.7	4.4	4.2	4.0	3.7	3.5	3.3	3.0	2.8	2.6	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
42.20	419.81	1377.3	626.6	42.63	32403	4.6	4.4	4.2	3.9	3.7	3.5	3.2	3.0	2.8	2.5	2.3	2.1	1.9	1.6	1.4	1.2	0.9	0.7	0.5
42.40	421.80	1383.9	629.5	42.83	32553	4.6	4.4	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.5	2.3	2.1	1.8	1.6	1.4	1.2	0.9	0.7	0.5
42.60	423.79	1390.4	632.4	43.03	32703	4.6	4.4	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.5
42.80	425.78	1396.9	635.3	43.23	32853	4.6	4.3	4.1	3.9	3.7	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.1	0.9	0.7	0.5
43.00	427.77	1403.4	638.2	43.42	33003	4.5	4.3	4.1	3.9	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
43.20	429.76	1410.0	641.1	43.62	33153	4.5	4.3	4.1	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
43.40	431.75	1416.5	644.0	43.82	33303	4.5	4.3	4.1	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.1	0.9	0.7	0.5
43.60	433.74	1423.0	646.9	44.02	33453	4.5	4.3	4.0	3.8	3.6	3.4	3.1	2.9	2.7	2.5	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
43.80	435.73	1429.5	649.8	44.21	33603	4.5	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
44.00	437.72	1436.1	652.7	44.41	33753	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.3	1.1	0.9	0.7	0.5
44.20	439.71	1442.6	655.6	44.61	33903	4.4	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.5
44.40	441.70	1449.1	658.5	44.81	34053	4.4	4.2	4.0	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.5
44.60	443.69	1455.7	661.4	45.00	34203	4.4	4.2	3.9	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.5	1.3	1.1	0.9	0.7	0.5
44.80	445.67	1462.2	664.3	45.20	34353	4.4	4.1	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
45.00	447.66	1468.7	667.2	45.48	34583	4.3	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.4	2.2	2.0	1.7	1.5	1.3	1.1	0.9	0.7	0.5
45.20	449.65	1475.2	670.1	45.59	34653	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.4	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.5
45.40	451.64	1481.8	673.0	45.79	34803	4.3	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.6	2.4	2.2	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.5
45.60	453.63	1488.3	675.9	45.99	34953	4.3	4.1	3.9	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.5
45.80	455.62	1494.8	678.8	46.19	35103	4.3	4.1	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.5
46.00	457.61	1501.3	681.7	46.38	35253	4.3	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.6	0.5
46.20	459.60	1507.9	684.6	46.58	35403	4.2	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.5
46.40	461.59	1514.4	687.5	46.78	35553	4.2	4.0	3.8	3.4	3.4	3.2	3.0	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.4
46.60	463.58	1520.9	690.4	46.98	35703	4.2	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.8	0.6	0.4
46.80	465.57	1527.5	693.3	47.17	35853	4.2	4.0	3.8	3.6	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.6	0.4
47.00	467.56	1534.0	696.2	47.37	36003	4.2	4.0	3.8	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.6	0.4
47.20	469.55	1540.5	699.1	47.57	36153	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.2	1.0	0.8	0.6	0.4
47.40	471.54	1547.0	702.0	47.77	36303	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.4	1.2	1.0	0.8	0.6	0.4
47.60	473.53	1553.6	704.9	47.96	36453	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.6	1.4	1.2	1.0	0.8	0.6	0.4
47.80	475.52	1560.1	707.8	48.16	36603	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
48.00	477.51	1566.6	710.7	48.36	36753	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
48.20	479.50	1573.2	713.6	48.56	36903	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
48.40	481.49	1579.7	716.5	48.75	37053	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
48.60	483.48	1586.2	719.4	48.95	37203	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
48.80	485.47	1592.7	722.3	49.15	37353	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
49.00	487.46	1599.3	725.2	49.35	37503	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
49.20	489.45	1605.8	728.1	49.54	37653	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
49.40	491.44	1612.3	731.0	49.74	37803	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
49.60	493.43	1618.8	733.9	49.94	37953	4.0	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4
49.80	495.42	1625.4	736.8	50.13	38103	3.9	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8	0.6	0.4

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																
						2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4
FSW	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	1500	1425	1350	1275	1200	1125	1050	975	900	825	750	675	600	525	450	375	300
50.00	497.41	1631.9	739.7	50.33	38253	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4	1.2	1.0	0.8
50.20	499.39	1638.4	742.6	50.53	38403	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.2	1.0	0.8
50.40	501.38	1645.0	745.5	50.73	38553	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.0	0.8
50.60	503.37	1651.5	748.4	50.92	38703	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.8
50.80	505.36	1658.0	751.3	51.12	38853	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.2	1.0	0.8
51.00	507.35	1664.5	754.2	51.32	39003	3.8	3.7	3.5	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.2	1.0	0.8
51.20	509.34	1671.1	757.1	51.52	39153	3.8	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8
51.40	511.33	1677.6	760.0	51.71	39303	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8
51.60	513.32	1684.1	762.9	51.91	39453	3.8	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.0	0.8
51.80	515.31	1690.6	765.8	52.11	39603	3.8	3.6	3.4	3.2	3.0	2.8	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8
52.00	517.30	1697.2	768.7	52.31	39753	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8
52.20	519.29	1703.7	771.6	52.50	39903	3.8	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.8
52.40	521.28	1710.2	774.5	52.70	40053	3.7	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.7
52.60	523.27	1716.8	777.4	52.90	40203	3.7	3.5	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1	0.9	0.7
52.80	525.26	1723.3	780.3	53.10	40353	3.7	3.5	3.3	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.1	0.9	0.7
53.00	527.25	1729.8	783.2	53.29	40503	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.1	0.9	0.7
53.20	529.24	1736.3	786.1	53.49	40653	3.7	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1	0.9	0.7
53.40	531.23	1742.9	789.0	53.69	40803	3.7	3.5	3.3	3.1	2.9	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.3	1.1	0.9	0.7
53.60	533.22	1749.4	791.9	53.88	40953	3.7	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7
53.80	535.21	1755.9	794.8	54.08	41103	3.6	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7
54.00	537.20	1762.5	797.7	54.28	41253	3.6	3.5	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.5	1.3	1.1	0.9	0.7
54.20	539.19	1769.0	800.6	54.48	41403	3.6	3.4	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7
54.40	541.18	1775.5	803.5	54.67	41553	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7
54.60	543.17	1782.0	806.4	54.87	41703	3.6	3.4	3.2	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7
54.80	545.16	1788.6	809.3	55.07	41853	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																		
BARS (	MSW gauge	FSW)	PSIA (	ATM absolute	MM Hg)	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
55.00	547.15	1795.1	812.2	55.27	42003	3.6	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.3	1.1	0.9	0.7	0.5	0.4
55.20	549.14	1801.6	815.1	55.46	42153	3.6	3.4	3.2	3.0	2.8	2.7	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
55.40	551.12	1808.1	818.0	55.66	42303	3.5	3.4	3.2	3.0	2.8	2.7	2.5	2.3	2.1	2.0	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
55.60	553.11	1814.7	820.9	55.86	42453	3.5	3.4	3.2	3.0	2.8	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
55.80	555.10	1821.2	823.8	56.06	42603	3.5	3.3	3.2	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
56.00	557.09	1827.7	826.7	56.25	42753	3.5	3.3	3.2	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.2	1.1	0.9	0.7	0.5	0.4
56.20	559.08	1834.3	829.6	56.45	42903	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.4
56.40	561.07	1840.8	832.5	56.65	43053	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.4
56.60	563.06	1847.3	835.4	56.85	43203	3.5	3.3	3.1	3.0	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.4
56.80	565.05	1853.8	838.3	57.04	43353	3.5	3.3	3.1	2.9	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.4
57.00	567.04	1860.4	841.2	57.24	43503	3.4	3.3	3.1	2.9	2.8	2.6	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.2	1.0	0.9	0.7	0.5	0.4
57.20	569.03	1866.9	844.1	57.44	43653	3.4	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.4
57.40	571.02	1873.4	847.0	57.63	43804	3.4	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.4
57.60	573.01	1879.9	849.9	57.83	43954	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.4
57.80	575.00	1886.5	852.8	58.03	44104	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.4
58.00	576.99	1893.0	855.7	58.23	44254	3.4	3.2	3.1	2.9	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.8	0.7	0.5	0.4
58.20	578.98	1899.5	858.6	58.42	44404	3.4	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.0	0.8	0.7	0.5	0.4
58.40	580.97	1906.1	861.5	58.62	44554	3.4	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
58.60	582.96	1912.6	864.4	58.82	44704	3.4	3.2	3.0	2.9	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
58.80	584.95	1919.1	867.3	59.02	44854	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
59.00	586.94	1925.6	870.2	59.21	45004	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
59.20	588.93	1932.2	873.1	59.41	45154	3.3	3.2	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
59.40	590.92	1938.7	876.0	59.61	45304	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
59.60	592.91	1945.2	878.9	59.81	45454	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4
59.80	594.90	1951.8	881.8	60.00	45604	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.2	1.0	0.8	0.7	0.5	0.4

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
BARS	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
60.00	596.09	1958.3	884.7	60.20	45754	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
60.20	598.08	1964.8	887.6	60.40	45904	3.3	3.1	2.9	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
60.40	600.07	1971.3	890.5	60.60	46054	3.3	3.1	2.9	2.8	2.6	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.7	0.5	0.3
60.60	602.05	1977.9	893.4	60.79	46204	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.6	0.5	0.3
60.80	604.04	1984.4	896.3	60.99	46354	3.2	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.6	0.5	0.3
61.00	606.03	1990.9	899.2	61.19	46504	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1	1.0	0.8	0.6	0.5	0.3
61.20	608.02	1997.4	902.1	61.39	46654	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
61.40	610.01	2004.0	905.0	61.58	46804	3.2	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
61.60	612.00	2010.5	908.0	61.78	46954	3.2	3.0	2.9	2.7	2.6	2.4	2.2	2.1	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
61.80	614.79	2017.0	910.9	61.98	47104	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
62.00	616.78	2023.6	913.8	62.17	47254	3.2	3.0	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.6	0.5	0.3
62.20	618.77	2030.1	916.7	62.37	47404	3.2	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5	0.3
62.40	620.76	2036.6	919.6	62.57	47554	3.2	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5	0.3
62.60	622.75	2043.1	922.5	62.77	47704	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5	0.3
62.80	624.74	2049.7	925.4	62.96	47854	3.1	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5	0.3
63.00	626.73	2056.2	928.3	63.16	48004	3.1	3.0	2.8	2.7	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	0.9	0.8	0.6	0.5	0.3
63.20	628.72	2062.7	931.2	63.36	48154	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
63.40	630.71	2069.2	934.1	63.56	48304	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
63.60	632.70	2075.8	937.0	63.75	48454	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
63.80	634.69	2082.3	939.9	63.95	48604	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
64.00	636.68	2088.8	942.8	64.15	48754	3.1	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
64.20	638.67	2095.4	945.7	64.35	48904	3.1	2.9	2.8	2.6	2.5	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
64.40	640.66	2101.9	948.6	64.54	49054	3.1	2.9	2.8	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
64.60	642.65	2108.4	951.5	64.74	49204	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
64.80	644.64	2114.9	954.4	64.94	49354	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
METRES	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
65.00	646.63	2121.5	957.3	65.14	49584	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
65.20	648.62	2128.0	960.2	65.33	49654	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
65.40	650.61	2134.5	963.1	65.53	49804	3.0	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
65.60	652.60	2141.1	966.0	[illegible]	49954	[illegible]	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.6	0.5	0.3
65.80	654.58	2147.6	968.9	[illegible]	50104	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
66.00	656.57	2154.1	971.8	66.12	50254	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
66.20	658.56	2160.6	974.7	66.32	50404	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
66.40	660.55	2167.2	977.6	66.52	50554	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
66.60	662.54	2173.7	980.5	66.71	50704	3.0	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
66.80	664.53	2180.2	983.4	66.91	50854	2.9	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
67.00	666.52	2186.7	986.3	67.11	51004	2.9	2.8	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
67.20	668.51	2193.3	989.2	67.31	51154	2.9	2.8	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
67.40	670.50	2199.8	992.1	67.50	51304	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
67.60	672.49	2206.3	995.0	67.70	51454	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
67.80	674.48	2212.9	997.9	67.90	51604	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
68.00	676.47	2219.4	1000.8	68.10	51754	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
68.20	678.46	2225.9	1003.7	68.29	51904	2.9	2.7	2.6	2.5	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
68.40	680.45	2232.4	1006.6	68.49	52054	2.9	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.7	0.6	0.4	0.3
68.60	682.44	2239.0	1009.5	68.69	52204	2.9	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
68.80	684.43	2245.5	1012.4	68.89	52354	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
69.00	686.42	2252.0	1015.3	69.08	52504	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
69.20	688.41	2258.5	1018.2	69.28	52654	2.8	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
69.40	690.40	2265.1	1021.1	69.48	52804	2.8	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1	1.0	0.9	0.7	0.6	0.4	0.3
69.60	692.39	2271.6	1024.0	69.68	52954	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
69.80	694.38	2278.1	1026.9	69.87	53104	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3

PERCENTAGE OXYGEN IN MIXTURE AT VARIOUS DEPTHS AND PARTIAL PRESSURES

DEPTH						OXYGEN PARTIAL PRESSURE (BAR/MM Hg)																	
MSW	MSW gauge	FSW	PSIA	ATM absolute	MM Hg	2.0 1500	1.9 1425	1.8 1350	1.7 1275	1.6 1200	1.5 1125	1.4 1050	1.3 975	1.2 900	1.1 825	1.0 750	0.9 675	0.8 600	0.7 525	0.6 450	0.5 375	0.4 300	0.3 225	0.21 160
70.00	696.37	2284.7	1029.8	70.07	53254	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
70.50	701.34	2301.0	1037.0	70.56	53629	2.8	2.7	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
71.00	706.32	2317.3	1044.3	71.06	54004	2.8	2.6	2.5	2.4	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.8	0.7	0.6	0.4	0.3
71.50	711.29	2333.6	1051.5	71.55	54379	2.8	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.6	0.4	0.3
72.00	716.26	2349.9	1058.8	72.04	54754	2.7	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
72.50	721.24	2366.3	1066.0	72.54	55129	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	1.0	0.8	0.7	0.5	0.4	0.3
73.00	726.21	2382.6	1073.3	73.03	55504	2.7	2.6	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.4	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
73.50	731.19	2398.9	1080.5	73.52	55879	2.7	2.6	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
74.00	736.16	2415.2	1087.8	74.02	56255	2.7	2.5	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
74.50	741.13	2431.5	1095.1	74.51	56630	2.6	2.5	2.4	2.3	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
75.00	746.11	2447.9	1102.3	75.00	57005	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.2	1.1	0.9	0.8	0.7	0.5	0.4	0.3
75.50	751.08	2464.2	1109.6	75.50	57380	2.6	2.5	2.4	2.2	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.7	0.5	0.4	0.3
76.00	756.06	2480.5	1116.8	75.99	57755	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
76.50	761.03	2496.8	1124.1	76.48	58130	2.6	2.5	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
77.00	766.00	2513.1	1131.3	76.98	58505	2.6	2.4	2.3	2.2	2.1	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.0	0.9	0.8	0.6	0.5	0.4	0.3
77.50	770.98	2529.4	1138.6	77.47	58880	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
78.00	775.95	2545.8	1145.8	77.97	59255	2.5	2.4	2.3	2.2	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
78.50	780.93	2562.1	1153.1	78.46	59630	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
79.00	785.90	2578.4	1160.3	78.95	60005	2.5	2.4	2.3	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.6	0.5	0.4	0.3
79.50	790.87	2594.7	1167.6	79.45	60380	2.5	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3
80.00	795.85	2611.0	1174.8	79.94	60755	2.5	2.3	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.7	0.6	0.5	0.4	0.3

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