

APPENDIX IV.

TABLE I.

Stoppages during the ascent of a diver after ordinary limits of time from surface.

Depth		Pressure	Time from surface to beginning of ascent	Approximate time to first stop	Stoppages in minutes at different depths*						Total time for ascent in mins.
Feet	Fathoms	Pounds per square inch			60 ft.	50 ft.	40 ft.	30 ft.	20 ft.	10 ft.	
0-36	0-6	0-16	No limit ...	—	—	—	—	—	—	0-1	
36-42	6-7	16-18½	Over 3 hours	1	—	—	—	—	5	6	
42-48	7-8	18½-21	Up to 1 hour	—	—	—	—	—	—	1½	
			1-3 hours ...	1½	—	—	—	—	5	6½	
48-54	8-9	21-24	Over 3 hours	1½	—	—	—	—	10	11½	
			Up to ½ hour	—	—	—	—	—	—	2	
			½-1½ hours ...	2	—	—	—	—	5	7	
			1½-3 hours ...	2	—	—	—	—	10	12	
54-60	9-10	24-26½	Over 3 hours	2	—	—	—	—	20	22	
			Up to 20 mins.	—	—	—	—	—	—	2	
			20-45 mins. ...	2	—	—	—	—	5	7	
			¾-1½ hours ...	2	—	—	—	—	10	12	
			1½-3 hours ...	2	—	—	—	5	15	22	
60-66	10-11	26½-29½	Over 3 hours	2	—	—	—	10	20	32	
			Up to ¼ hour	2	—	—	—	—	—	2	
			¼-½ hour ...	2	—	—	—	—	5	7	
			½-1 hour	2	—	—	—	3	10	15	
			1-2 hours ...	2	—	—	—	5	15	22	
66-72	11-12	29½-32	2-3 hours ...	2	—	—	—	10	20	32	
			Up to ¼ hour	2	—	—	—	—	2	4	
			¼-½ hour ...	2	—	—	—	3	5	10	
			½-1 hour ...	2	—	—	—	5	12	19	
			1-2 hours ...	2	—	—	—	10	20	32	
72-78	12-13	32-34½	Up to 20 mins.	2	—	—	—	—	5	7	
			20-45 mins. ...	2	—	—	—	5	10	17	
			¾-1½ hours ...	2	—	—	—	10	20	32	
78-84	13-14	34½-37	Up to 20 mins.	2	—	—	—	—	5	7	
			20-45 mins. ...	2	—	—	—	5	15	22	
			¾-1½ hours ...	2	—	—	—	10	20	32	
84-90	14-15	37-40	Up to 10 mins.	2	—	—	—	—	3	5	
			10-20 mins. ...	2	—	—	—	3	5	10	
			20-40 mins. ...	2	—	—	—	5	15	22	
			40-60 mins. ...	2	—	—	—	3	10	15	
			Up to 10 mins.	3	—	—	—	—	3	6	
90-96	15-16	40-42½	10-20 mins. ...	2	—	—	—	3	5	10	
			20-35 mins. ...	2	—	—	—	5	15	22	
			35-55 mins. ...	2	—	—	3	10	15	30	
			Up to 15 mins.	3	—	—	—	3	5	11	
96-108	16-18	42½-48	15-30 mins. ...	3	—	—	3	7	10	23	
			30-40 mins. ...	3	—	—	5	10	15	33	
			Up to 15 mins.	3	—	—	2	3	7	15	
108-120	18-20	48-53½	15-25 mins. ...	3	—	—	5	5	10	23	
			25-35 mins. ...	3	—	—	5	10	15	33	
120-132	20-22	53½-59	Up to 15 mins.	3	—	—	2	5	7	17	
			15-30 mins. ...	3	—	—	5	10	15	33	
132-144	22-24	59-64½	Up to 12 mins.	3	—	—	3	5	5	16	
			12-25 mins. ...	3	—	2	5	10	12	32	
144-156	24-26	64½-70	Up to 10 mins.	3	—	—	3	5	5	16	
			10-20 mins. ...	3	—	2	5	10	12	32	
			Up to 10 mins.	3	—	2	3	5	5	18	
156-168	26-28	70-75	10-16 mins. ...	3	—	2	3	5	7	10	
			Up to 9 mins.	3	—	2	3	5	5	18	
168-180	28-30	75-80½	9-14 mins. ...	3	—	2	3	5	7	10	
180-192	30-32	80½-86	Up to 13 mins.	3	—	2	3	5	7	10	
192-204	32-34	86-91½	Up to 12 mins.	3	2	2	3	5	7	10	

* During each stoppage the diver should continue to move his arms and legs.

TABLE II.

Stoppages during the ascent of a diver after delay beyond the ordinary limits of time from surface.

Depth		Pressure — Pounds per square inch	Time from surface to beginning of ascent	Approximate time to first stop	Stoppages in minutes at different depths							Total time for ascent in mins.	
Feet	Fathoms				80 ft.	70 ft.	60 ft.	50 ft.	40 ft.	30 ft.	20 ft.		10 ft.
60-66	10-11	26½-29½	Over 3 hours	2	—	—	—	—	—	10	30	42	
66-72	11-12	29½-32	2-3 hours ...	2	—	—	—	—	—	10	30	42	
			Over 3 hours	2	—	—	—	—	—	20	30	52	
72-78	12-13	32-34½	1½-2½ hours	2	—	—	—	—	—	20	25	47	
			Over 2½ hours	2	—	—	—	—	—	30	30	62	
78-84	13-14	34½-37	1¼-2 hours ...	2	—	—	—	—	—	15	30	47	
			2-3 hours ...	2	—	—	—	—	5	30	30	67	
84-90	14-15	37-40	Over 3 hours	2	—	—	—	—	10	30	35	77	
			1-1½ hours ...	2	—	—	—	—	5	15	25	47	
90-96	15-16	40-42½	1½-2½ hours ...	2	—	—	—	—	5	30	35	72	
			Over 2½ hours	2	—	—	—	—	20	35	35	92	
96-108	16-18	42½-48	1-1½ hours ...	2	—	—	—	—	5	15	30	52	
			1½-2½ hours ...	2	—	—	—	—	10	30	35	77	
108-120	18-20	48-53½	Over 2½ hours	2	—	—	—	—	30	35	35	102	
			40-60 minutes	2	—	—	—	—	10	15	20	47	
120-132	20-22	53½-59	1-2 hours ...	2	—	—	—	—	5	15	25	35	82
			Over 2 hours	2	—	—	—	15	30	35	40	122	
132-144	22-24	59-64½	35-60 minutes	2	—	—	—	—	5	10	15	25	57
			1-2 hours ...	2	—	—	—	10	20	30	35	97	
144-156	24-26	64½-70	Over 2 hours	2	—	—	—	—	30	35	35	142	
			½-¾ hours ...	3	—	—	—	5	10	15	20	53	
156-168	26-28	70-75	¾-1½ hours ...	3	—	—	—	5	10	20	30	30	98
			Over 1½ hours	3	—	—	—	15	30	35	40	163	
168-182	28-30	75-80½	25-45 minutes	3	—	—	—	3	5	10	15	25	61
			¾-1½ hours ...	3	—	—	—	10	10	20	30	35	108
182-194	30-32	80½-86	Over 1½ hours	3	—	—	—	30	30	35	40	40	178
			20-35 minutes	3	—	—	—	3	5	10	15	20	56
194-206	32-34	86-91½	35-60 minutes	3	—	—	—	7	10	15	30	30	95
			Over 1 hour	3	—	—	20	25	30	35	40	40	193
156-168	26-28	70-75	16-30 minutes	3	—	—	—	3	5	10	15	20	56
			½-1 hour ...	3	—	—	3	10	10	15	30	30	101
168-182	28-30	75-80½	Over 1 hour	3	—	5	25	25	30	35	40	40	203
			14-20 minutes	3	—	—	—	3	3	7	10	15	41
182-194	30-32	80½-86	20-30 minutes	3	—	—	2	2	3	10	15	25	60
			½-1 hour ...	3	—	3	3	7	10	20	30	35	111
194-206	32-34	86-91½	Over 1 hour	3	—	15	25	30	30	35	40	40	218
			13-20 minutes	3	—	—	—	3	3	7	15	15	46
182-194	30-32	80½-86	20-30 minutes	3	—	—	3	3	5	10	15	25	64
			½-1 hour ...	3	—	3	5	10	12	20	30	35	118
194-206	32-34	86-91½	Over 1 hour	3	5	20	25	30	30	35	40	40	228
			12-20 minutes	3	—	—	3	3	5	7	10	20	51
194-206	32-34	86-91½	20-30 minutes	3	—	3	3	3	5	10	20	20	67
			½-1 hour ...	3	3	3	5	10	15	20	30	35	124
194-206	32-34	86-91½	Over 1 hour	3	15	20	25	30	30	35	40	40	238