Industrial Sounder Tones Table

No	CODE 123456	TONE				Stage 1 & 2				STAGE 3
						24Vdc LP		24Vdc HP		
		Description	Frequencies	Pattern	Use	I (mA)	dB(A)@1m	I (mA)	dB(A)@1m	
A1	111111	Alternating	800 & 970	2Hz (250ms-250ms)		108	111	450	120	A14
A2	111110	Sweep	800 & 970	7Hz (7/s)		103	112	450	120	A14
A3	111101	Sweep	800 & 970	1Hz (1/s)		105	112	450	120	A14
A4	111100	Continuous	2850	Steady		122	106	445	111	A9
A5	111011	Sweep	2400 to 2850	7Hz		119	103	447	109	A4
A6	111010	Sweep	2400 to 2850	1Hz		121	105	446	110	A4
A7	111001	Slow Whoop	500 to 1200	3s sweep, 0.5s silence, then repeat (rep)	Slow Whoop Netherlands	115	111	340	119	A14
A8	111000	Sweep	1200 to 500	1Hz	DIN/PFEER (PAPA)	115	111	430	119	A14
A9	110111	Alternating	2400 & 2850	2Hz (250ms-250ms)		121	108	450	113	A4
A10	110110	Intermittent	970	0.5Hz (1s On/1s Off)	PFEER alert	71	108	229	117	A14
A11	110101	Alternating	800 & 970	1Hz (500ms-500ms)		106	109	375	118	A14
A12	110100	Intermittent	2850	0.5Hz (1s On/1s Off)		89	107	235	112	A4
A13	110011	Intermittent	970	0.8Hz (250ms On/1s Off)		35	108	100	117	A14
A14	110010	Continuous	970	Steady	PFEER - Toxic gas	104	109	450	118	A8
A15	110001	Alternating	554 & 440	100ms-400ms	France NFS 32 S 32-001	76	106	294	115	A14
A16	110000	Intermittent	660	3.3Hz (150ms On/150ms Off)	Swedish (Air raid)	60	106	232	114	A14
A17	101111	Intermittent	660	0.28Hz (1.8s On/1.8s Off)	Swedish (Local warning)	88	106	220	115	A14
A18	101110	Intermittent	660	0.05Hz (6.5s On/13s Off)	Swedish (Pre-mess)	101	106	150	115	A14
A19	101101	Continuous	660	Steady	Swedish (All clear)	103	107	429	116	A1
A20	101100	Alternating	554 & 440	0.5Hz (1s On/1s Off)	Swedish (Turn out)	83	106	312	115	A19
A21	101011	Intermittent	660	1HZ (500ms-500ms)	Swedish	66	106	220	115	A4
A22	101010	Intermittent	2850	4Hz (150ms On/100ms Off)		83	105	286	110	A4
A23	101001	Sweep	800 to 970	50Hz		102	109	419	117	A14
A24	101000	Sweep	2400 to 2850	50Hz		120	106	440	110	A4
A25	100111	Intermittent	970	3X500ms pulses followed by 1.5s silence then repeat	ISO 8201/US Temporal	62	109	180	118	A14
A26	100110	Intermittent	2850	3X500ms pulses followed by 1.5s silence then repeat	ISO 8201/US Temporal	64	107	180	112	A4
A27	100101	Continuous	4000	Steady		109	101	450	105	A6
A28	100100	Alternating	800 & 970	2Hz (250ms-250ms)		106	109	414	118	A14
A29	100011	Alternating	990 & 650	2Hz (250ms-250ms)(Symphoni tones)		104	109	444	117	A14
A30	100010	Alternating	510 &610	2Hz (250ms-250ms)(Squashni Micro tones)		96	107	370	116	A14
A31	100001	Sweep	300 to 1200	1Hz		84	110	285	118	A14
A32	100000	Continuous	Bell	Steady	See attached for waveform details	120	111	450	117	A3
A33	011111	Continuous	Bell	3X500ms pulses followed by 1.5s silence then repeat	Bell/US Temporal	69	111	180	117	A14
A34	011110	Alternating	1000 & 2000	1Hz (500ms-500ms)	Singapore	112	107	450	115	A4
A35	011101	Intermittent	420	pulsed @ 0.625s	Australian alert	46	108	140	118	A14
A36	011100	Sweep	500 to 1200	Sweep 3.75s followed by 0.25s gap	Australian evac	91	109	340	117	A14
A37	011011	Sweep	1400 to 1600	Sweep up 1s, sweep down 0.5s	NF C 48-265	122	108	448	116	A14
A38	011010	Sweep	500 to 1200	Sweep up & down over 3s	Siren	94	109	310	117	A14
A39	011001	Intermittent	720	0.7s On, 0.3 Off	German ind alarm	90	110	310	118	A14
A40	011000	Sweep	422 to 775	Sweep for 0.85s, 1s delay, repeat	NFPA Whoop	60	109	180	118	A14
A41	010111	Continuous	470	Steady	Horn (USA)	85	104	340	114	A3
A42	010110	Continuous	370	Steady	Air Horn (USA)	76	104	272	113	A3