

Conversion Table of CW beacon Morse code

HEX	Battery Voltage (Charging) [V]	Battery Voltage (Discharging) [V]	Battery Temperature [degC]	SAP Current [A]
0xFF	149.908	143.943	486.234	7.581
0xFE	149.335	143.395	484.121	7.551
0xFD	148.761	142.846	482.007	7.521
0xFC	148.188	142.298	479.894	7.492
0xFB	147.614	141.750	477.780	7.462
0xFA	147.041	141.202	475.667	7.433
0xF9	146.467	140.654	473.554	7.403
0xF8	145.894	140.105	471.440	7.373
0xF7	145.320	139.557	469.327	7.344
0xF6	144.747	139.009	467.213	7.314
0xF5	144.173	138.461	465.100	7.285
0xF4	143.600	137.913	462.987	7.255
0xF3	143.026	137.364	460.873	7.225
0xF2	142.453	136.816	458.760	7.196
0xF1	141.879	136.268	456.646	7.166
0xF0	141.306	135.720	454.533	7.137
0xEF	140.732	135.172	452.420	7.107
0xEE	140.159	134.623	450.306	7.077
0xED	139.585	134.075	448.193	7.048
0xEC	139.012	133.527	446.079	7.018
0xEB	138.438	132.979	443.966	6.989
0xEA	137.865	132.431	441.853	6.959
0xE9	137.291	131.882	439.739	6.929
0xE8	136.718	131.334	437.626	6.900
0xE7	136.144	130.786	435.512	6.870
0xE6	135.571	130.238	433.399	6.841
0xE5	134.997	129.690	431.286	6.811
0xE4	134.424	129.141	429.172	6.781
0xE3	133.850	128.593	427.059	6.752
0xE2	133.277	128.045	424.945	6.722
0xE1	132.703	127.497	422.832	6.693
0xE0	132.130	126.949	420.719	6.663
0xDF	131.556	126.400	418.605	6.633
0xDE	130.983	125.852	416.492	6.604
0xDD	130.409	125.304	414.378	6.574
0xDC	129.836	124.756	412.265	6.545
0xDB	129.262	124.208	410.152	6.515
0xDA	128.689	123.659	408.038	6.485
0xD9	128.115	123.111	405.925	6.456
0xD8	127.542	122.563	403.811	6.426
0xD7	126.968	122.015	401.698	6.397
0xD6	126.395	121.467	399.585	6.367
0xD5	125.821	120.918	397.471	6.337
0xD4	125.248	120.370	395.358	6.308
0xD3	124.674	119.822	393.244	6.278
0xD2	124.101	119.274	391.131	6.249
0xD1	123.527	118.726	389.018	6.219
0xD0	122.954	118.177	386.904	6.189
0xCF	122.380	117.629	384.791	6.160
0xCE	121.807	117.081	382.677	6.130
0xCD	121.233	116.533	380.564	6.101
0xCC	120.660	115.985	378.451	6.071
0xCB	120.086	115.436	376.337	6.041
0xCA	119.513	114.888	374.224	6.012
0xC9	118.939	114.340	372.110	5.982
0xC8	118.366	113.792	369.997	5.953
0xC7	117.792	113.244	367.884	5.923
0xC6	117.219	112.695	365.770	5.893
0xC5	116.645	112.147	363.657	5.864
0xC4	116.072	111.599	361.543	5.834
0xC3	115.498	111.051	359.430	5.805
0xC2	114.925	110.503	357.317	5.775
0xC1	114.351	109.954	355.203	5.745
0xC0	113.778	109.406	353.090	5.716

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0xBF	113.204	108.858	350.976	5.686
0xBE	112.631	108.310	348.863	5.657
0xBD	112.057	107.762	346.750	5.627
0xBC	111.484	107.213	344.636	5.597
0xBB	110.910	106.665	342.523	5.568
0xBA	110.337	106.117	340.409	5.538
0xB9	109.763	105.569	338.296	5.509
0xB8	109.190	105.021	336.183	5.479
0xB7	108.616	104.472	334.069	5.449
0xB6	108.043	103.924	331.956	5.420
0xB5	107.469	103.376	329.842	5.390
0xB4	106.896	102.828	327.729	5.361
0xB3	106.322	102.280	325.616	5.331
0xB2	105.749	101.731	323.502	5.301
0xB1	105.175	101.183	321.389	5.272
0xB0	104.602	100.635	319.275	5.242
0xAF	104.028	100.087	317.162	5.213
0xAE	103.455	99.539	315.049	5.183
0xAD	102.881	98.990	312.935	5.153
0xAC	102.308	98.442	310.822	5.124
0xAB	101.734	97.894	308.708	5.094
0xAA	101.161	97.346	306.595	5.065
0xA9	100.587	96.798	304.482	5.035
0xA8	100.014	96.249	302.368	5.005
0xA7	99.440	95.701	300.255	4.976
0xA6	98.867	95.153	298.141	4.946
0xA5	98.293	94.605	296.028	4.917
0xA4	97.720	94.057	293.915	4.887
0xA3	97.146	93.508	291.801	4.857
0xA2	96.573	92.960	289.688	4.828
0xA1	95.999	92.412	287.574	4.798
0xA0	95.426	91.864	285.461	4.769
0x9F	94.852	91.316	283.348	4.739
0x9E	94.279	90.767	281.234	4.709
0x9D	93.705	90.219	279.121	4.680
0x9C	93.132	89.671	277.007	4.650
0x9B	92.558	89.123	274.894	4.621
0x9A	91.985	88.575	272.781	4.591
0x99	91.411	88.026	270.667	4.561
0x98	90.838	87.478	268.554	4.532
0x97	90.264	86.930	266.440	4.502
0x96	89.691	86.382	264.327	4.473
0x95	89.117	85.834	262.214	4.443
0x94	88.544	85.285	260.100	4.413
0x93	87.970	84.737	257.987	4.384
0x92	87.397	84.189	255.873	4.354
0x91	86.823	83.641	253.760	4.325
0x90	86.250	83.093	251.647	4.295
0x8F	85.676	82.544	249.533	4.265
0x8E	85.103	81.996	247.420	4.236
0x8D	84.529	81.448	245.306	4.206
0x8C	83.956	80.900	243.193	4.177
0x8B	83.382	80.352	241.080	4.147
0x8A	82.809	79.803	238.966	4.117
0x89	82.235	79.255	236.853	4.088
0x88	81.662	78.707	234.739	4.058
0x87	81.088	78.159	232.626	4.029
0x86	80.515	77.611	230.513	3.999
0x85	79.941	77.062	228.399	3.969
0x84	79.368	76.514	226.286	3.940
0x83	78.794	75.966	224.172	3.910
0x82	78.221	75.418	222.059	3.881
0x81	77.647	74.870	219.946	3.851
0x80	77.074	74.321	217.832	3.821

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HEX	Battery Voltage (Charging) [V]	Battery Voltage (Discharging) [V]	Battery Temperature [degC]	SAP Current [A]
0x7F	76.500	73.773	215.719	3.792
0x7E	75.927	73.225	213.605	3.762
0x7D	75.353	72.677	211.492	3.733
0x7C	74.780	72.129	209.379	3.703
0x7B	74.206	71.580	207.265	3.673
0x7A	73.633	71.032	205.152	3.644
0x79	73.059	70.484	203.038	3.614
0x78	72.486	69.936	200.925	3.585
0x77	71.912	69.388	198.812	3.555
0x76	71.339	68.839	196.698	3.525
0x75	70.765	68.291	194.585	3.496
0x74	70.192	67.743	192.471	3.466
0x73	69.618	67.195	190.358	3.437
0x72	69.045	66.647	188.245	3.407
0x71	68.471	66.098	186.131	3.377
0x70	67.898	65.550	184.018	3.348
0x6F	67.324	65.002	181.904	3.318
0x6E	66.751	64.454	179.791	3.289
0x6D	66.177	63.906	177.678	3.259
0x6C	65.604	63.357	175.564	3.229
0x6B	65.030	62.809	173.451	3.200
0x6A	64.457	62.261	171.337	3.170
0x69	63.883	61.713	169.224	3.141
0x68	63.310	61.165	167.111	3.111
0x67	62.736	60.616	164.997	3.081
0x66	62.163	60.068	162.884	3.052
0x65	61.589	59.520	160.770	3.022
0x64	61.016	58.972	158.657	2.993
0x63	60.442	58.424	156.544	2.963
0x62	59.869	57.875	154.430	2.933
0x61	59.295	57.327	152.317	2.904
0x60	58.722	56.779	150.203	2.874
0x5F	58.148	56.231	148.090	2.845
0x5E	57.575	55.683	145.977	2.815
0x5D	57.001	55.134	143.863	2.785
0x5C	56.428	54.586	141.750	2.756
0x5B	55.854	54.038	139.636	2.726
0x5A	55.281	53.490	137.523	2.697
0x59	54.707	52.942	135.410	2.667
0x58	54.134	52.393	133.296	2.637
0x57	53.560	51.845	131.183	2.608
0x56	52.987	51.297	129.069	2.578
0x55	52.413	50.749	126.956	2.549
0x54	51.840	50.201	124.843	2.519
0x53	51.266	49.652	122.729	2.489
0x52	50.693	49.104	120.616	2.460
0x51	50.119	48.556	118.502	2.430
0x50	49.546	48.008	116.389	2.401
0x4F	48.972	47.460	114.276	2.371
0x4E	48.399	46.911	112.162	2.341
0x4D	47.825	46.363	110.049	2.312
0x4C	47.252	45.815	107.935	2.282
0x4B	46.678	45.267	105.822	2.253
0x4A	46.105	44.719	103.709	2.223
0x49	45.531	44.170	101.595	2.193
0x48	44.958	43.622	99.482	2.164
0x47	44.384	43.074	97.368	2.134
0x46	43.811	42.526	95.255	2.105
0x45	43.237	41.978	93.142	2.075
0x44	42.664	41.429	91.028	2.045
0x43	42.090	40.881	88.915	2.016
0x42	41.517	40.333	86.801	1.986
0x41	40.943	39.785	84.688	1.957
0x40	40.370	39.237	82.575	1.927

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HEX	Battery Voltage (Charging) [V]	Battery Voltage (Discharging) [V]	Battery Temperature [degC]	SAP Current [A]
0x3F	39.796	38.688	80.461	1.897
0x3E	39.223	38.140	78.348	1.868
0x3D	38.649	37.592	76.234	1.838
0x3C	38.076	37.044	74.121	1.809
0x3B	37.502	36.496	72.008	1.779
0x3A	36.929	35.947	69.894	1.749
0x39	36.355	35.399	67.781	1.720
0x38	35.782	34.851	65.667	1.690
0x37	35.208	34.303	63.554	1.661
0x36	34.635	33.755	61.441	1.631
0x35	34.061	33.206	59.327	1.601
0x34	33.488	32.658	57.214	1.572
0x33	32.914	32.110	55.100	1.542
0x32	32.341	31.562	52.987	1.513
0x31	31.767	31.014	50.874	1.483
0x30	31.194	30.465	48.760	1.453
0x2F	30.620	29.917	46.647	1.424
0x2E	30.047	29.369	44.533	1.394
0x2D	29.473	28.821	42.420	1.365
0x2C	28.900	28.273	40.307	1.335
0x2B	28.326	27.724	38.193	1.305
0x2A	27.753	27.176	36.080	1.276
0x29	27.179	26.628	33.966	1.246
0x28	26.606	26.080	31.853	1.217
0x27	26.032	25.532	29.740	1.187
0x26	25.459	24.983	27.626	1.157
0x25	24.885	24.435	25.513	1.128
0x24	24.312	23.887	23.399	1.098
0x23	23.738	23.339	21.286	1.069
0x22	23.165	22.791	19.173	1.039
0x21	22.591	22.242	17.059	1.009
0x20	22.018	21.694	14.946	0.980
0x1F	21.444	21.146	12.832	0.950
0x1E	20.871	20.598	10.719	0.921
0x1D	20.297	20.050	8.606	0.891
0x1C	19.724	19.501	6.492	0.861
0x1B	19.150	18.953	4.379	0.832
0x1A	18.577	18.405	2.265	0.802
0x19	18.003	17.857	0.152	0.773
0x18	17.430	17.309	-1.961	0.743
0x17	16.856	16.760	-4.075	0.713
0x16	16.283	16.212	-6.188	0.684
0x15	15.709	15.664	-8.302	0.654
0x14	15.136	15.116	-10.415	0.625
0x13	14.562	14.568	-12.528	0.595
0x12	13.989	14.019	-14.642	0.565
0x11	13.415	13.471	-16.755	0.536
0x10	12.842	12.923	-18.869	0.506
0x0F	12.268	12.375	-20.982	0.477
0x0E	11.695	11.827	-23.095	0.447
0x0D	11.121	11.278	-25.209	0.417
0x0C	10.548	10.730	-27.322	0.388
0x0B	9.974	10.182	-29.436	0.358
0x0A	9.401	9.634	-31.549	0.329
0x09	8.827	9.086	-33.662	0.299
0x08	8.254	8.537	-35.776	0.269
0x07	7.680	7.989	-37.889	0.240
0x06	7.107	7.441	-40.003	0.210
0x05	6.533	6.893	-42.116	0.181
0x04	5.960	6.345	-44.229	0.151
0x03	5.386	5.796	-46.343	0.121
0x02	4.813	5.248	-48.456	0.092
0x01	4.239	4.700	-50.570	0.062
0x00	3.666	4.152	-52.683	0.033