

Sheet1

- Acoustic 'Octave' wave chart for 70 Deg.F water (60Hz Fundamental tone)

* 70 Deg.F water – wave speed: 4871 (fps)

Hertz	Octave	Wave length in Ft.		
		1	1/2	1/4
3.75	-4	1298.9333	649.4667	324.7333
7.5	-3	649.4667	324.7333	162.3667
15	-2	324.7333	162.3667	81.1833
30	-1	162.3667	81.1833	40.5917
60	Fundamental	81.1833	40.5917	20.2958
120	1	40.592	20.296	10.148
240	2	20.296	10.148	5.074
480	3	10.148	5.074	2.537
960	4	5.074	2.537	1.268
1,920	5	2.537	1.268	0.634
3,840	6	1.268	0.634	0.317
7,680	7	0.634	0.317	0.159
15,360	8	0.317	0.159	0.079
30,720	9	0.159	0.07928	0.03964
61,440	10	0.07928	0.03964	0.01982
122,880	11	0.03964	0.01982	0.00991
245,760	12	0.01982	0.00991	0.00496
491,520	13	0.00991	0.00496	0.00248
983,040	14	0.00496	0.00248	0.00124
1,966,080	15	0.00248	0.00124	0.000619
3,932,160	16	0.0012388	0.0006194	0.0003097
7,864,320	17	0.0006194	0.0003097	0.0001548
15,728,640	18	0.0003097	0.0001548	0.0000774
31,457,280	19	0.0001548	0.0000774	0.0000387
62,914,560	20	0.0000774	0.0000387	0.0000194