Table 7-2. Barotropic tides off Huntington Beach. The tidal characteristics are calculated for the period between June and October 2001. Inclination is in degrees from cross-shore. Phase is defined so that the major axis of the tidal ellipse has a positive cross-shelf component.

Mooring/ Tide	Major Amplit. (cm/s)	Minor Amplit. (cm/s)	Inclination (degrees)	Phase (degrees)
HBN2				
O_1	1.0	0.2	88	9
K_1	4.9	0.1	84	96
M_2	5.2	0.4	80	39
S_2	1.5	0.3	75	59
HB03				
O_1	0.9	0.3	-70	175
K_1	3.3	0.1	-87	266
M_2	4.6	0.7	73	51
S_2	0.9	0.7	27	70
HB05				
O_1	0.8	0.4	-69	190
K_1	1.9	0.1	78	85
M_2	5.0	0.5	62	50
S_2	1.1	0.0	12	53
HB06				
O_1	0.9	0.5	56	77
K_1	1.3	0.2	-61	344
M_2	4.8	0.5	68	63
S_2	1.0	0.4	66	102
HB07				
O_1	0.8	0.1	47	94
K_1	2.1	1.0	-80	5
M_2	3.2	0.2	50	64
S_2	1.6	0.1	43	85
HB08				
O_1	0.8	0.2	-81	308
K_1	1.4	0.5	-75	7
M_2	2.5	0.5	-84	290
S_2	1.0	0.3	84	122
HB10				
O_1	0.7	0.3	64	31
K_1	1.3	0.4	89	113
M_2	3.2	0.3	58	50
S_2	0.6	0.1	5	15
HB11				
O_1	0.4	0.2	67	52
K_1	0.9	0.1	-84	348
M_2	2.1	0.7	48	61
S_2	0.7	0.1	0	57