

Artificial Reef Coordinates in Southern California
California Department of Fish & Game

(side scan data incorporated as of 8/96)
 File Updated 9/99

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Atascadero	1985	55	quarry rock	3,500 tons	35	23	36	120	52	32
San Luis Obispo	1984-85	42-52	concrete tribar/ rubble	27,000 tons	35	11	25	120	49	55
Pitas Point	1984	28	quarry rock	7,200 tons	34	18	8	119	22	6
Malibu A	1961	60	quarry rock	333 tons	34	1	48.65	118	39	1.91
Malibu B			concrete shelters	44 pieces	34	1	49	118	39	5
Malibu Center			car bodies	14 pieces (disintegrated)	34	1	49	118	39	2
Topanga	1987	28	quarry rock	10,000 tons	34	1	38	118	31	57
Santa Monica Bay 1	1987	42-72	quarry rock	20,000 tons	not found					
Santa Monica Bay 2					34	0	51	118	32	3
Santa Monica Bay 3					34	1	2.06	118	32	9.78
Santa Monica Bay 4					34	1	5.75	118	32	17.68
Santa Monica Bay 5					34	1	10.56	118	32	25.56
Santa Monica Bay 6					34	1	19.4	118	32	41
Santa Monica Bay 7					34	1	22.61	118	32	48.92
Santa Monica Bay 8					34	1	16	118	32	52
Santa Monica Bay 9					34	0	29	118	32	4
Santa Monica Bay 10					34	0	36.05	118	32	2.18
Santa Monica Bay 11					34	0	41.47	118	32	10.1
Santa Monica Bay 12					34	0	42.77	118	32	17.98
Santa Monica Bay 13					34	0	47.08	118	32	26.34
Santa Monica Bay 14					34	0	50.47	118	32	37.8
Santa Monica Bay 15					34	0	50	118	32	54
Santa Monica Bay 16					34	0	57	118	33	3
Santa Monica Bay 17					34	0	9	118	32	14
Santa Monica Bay 18					34	0	17.84	118	32	13.3
Santa Monica Bay 19					34	0	17	118	32	26
Santa Monica Bay 20					34	0	21	118	32	37
Santa Monica Bay 21					34	0	27	118	32	48
Santa Monica Bay 22					34	0	32	118	32	59

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Santa Monica Bay 23					34	0	38	118	33	5
Santa Monica Bay 24					34	0	39	118	33	15
Santa Monica Bay Center					34	0	47	118	32	33
Santa Monica A	1961	60	quarry rock	330 tons	34	0	34.2	118	31	49.2
Santa Monica B			concrete shelters	44 pieces	34	0	33	118	31	48
Santa Monica C			car bodies & streetcar	5 pieces (disintegrated)	34	0	33	118	31	50.44
Santa Monica Center	1971		concrete pier pilings	100 tons	34	0	34	118	31	47
Marina Del Rey 2 A	1985	65	quarry rock	10,000 tons	33	58	0	118	29	10
Marina Del Rey 2 B					33	58	0.16	118	29	11
Marina Del Rey 2 C					33	58	0.5	118	29	12
Marina Del Rey 2 D					33	58	1	118	29	13
Marina Del Rey 2 E					33	58	0.5	118	29	9
Marina Del Rey 2 F					33	58	1	118	29	10
Marina Del Rey 2 G					33	58	1.5	118	29	12
Marina Del Rey 2 H					33	58	2	118	29	13
Marina Del Rey 2 I					33	58	5	118	29	7
Marina Del Rey 2 J					33	58	6	118	29	11
Marina Del Rey 2 K					33	58	7	118	29	14
Marina Del Rey 2 L					33	58	7	118	29	16
Marina Del Rey 2 M					33	58	8	118	29	7
Marina Del Rey 2 N					33	58	8	118	29	10
Marina Del Rey 2 O					33	58	9	118	29	12
Marina Del Rey 2 P					33	58	9	118	29	15
Marina Del Rey 2 Center					33	58	6	118	29	11
Marina Del Rey 1 Q	1965	65	quarry rock	2,000 tons	33	57	56	118	29	13
Marina Del Rey 1 R	1976		concrete dock floats	120 pieces	33	57	57	118	29	10
Marina Del Rey 1 S	1978		concrete rubble	4,000 tons	33	57	54	118	29	10
Marina Del Rey 1 T					33	57	52	118	29	10
Marina Del Rey 1 Center					33	57	54	118	29	10
Hermosa Beach A	1960	60	quarry rock	330 tons	33	51	15	118	24	50
Hermosa Beach B			concrete shelters	44 pieces	33	51	16	118	24	47

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Hermosa Beach C			car bodies	14 pieces (disintegrated)	33	51	13	118	24	49
Hermosa Beach D			streetcar	1 piece (disintegrated)	33	51	11	118	24	46
Hermosa Beach Center			tires	461 pieces	33	51	13	118	24	48
Redondo Beach A	1962	72	quarry rock	1,000 tons	33	50	18	118	24	34
Redondo Beach B			barge	1 piece	33	50	18	118	24	33
Redondo Beach C			cement pipe	350 tons	33	50	17	118	24	31
Redondo Beach D			concrete pilings	700 tons	33	50	16	118	24	33
Redondo Beach E			concrete dock floats	1,700 pieces	33	50	15	118	24	31
Redondo Beach F					33	50	14	118	24	34
Redondo Beach G					33	50	14	118	24	32
Redondo Beach H					33	50	14	118	24	30
Redondo Beach I					33	50	13	118	24	33
Redondo Beach J					33	50	12	118	24	34
Redondo Beach K					33	50	11	118	24	31
Redondo Beach Center					33	50	14	118	24	32
Palawan	1977	120	liberty ship	1 piece	33	49	25	118	24	53
	1978		concrete rubble	6,000 cubic yards						
Bolsa Chica A	1986	85-100	concrete rubble	10,400 tons	33	39	32.86	118	6	2.87
Bolsa Chica B			steel/concrete barges	8 pieces	not found					
Bolsa Chica C					33	39	17.2	118	6	7.7
Bolsa Chica D					33	39	15.65	118	5	58.13
Bolsa Chica E					33	39	1.2	118	6	10.1
Bolsa Chica F					33	38	58.7	118	6	6.3
Bolsa Chica G					33	38	48.7	118	6	20.6
Bolsa Chica H					33	38	42.8	118	6	6.4
Bolsa Chica 9	1992	90	concrete chimneys	800 tons	33	39	18.95	118	5	56.36
Bolsa Chica 10	1993	90	concrete chimneys	800 tons	33	39	19.64	118	6	3.68
Bolsa Chica 11	1994-96	90	Edison light poles	1700	33	39	13	118	6	4.4

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Bolsa Chica 12	1995	90	Todd shipyard concrete	18600 tons	33	38	58	118	6	17.5
Bolsa Chica 13	1997	90	Edison light poles	1000 tons	33	39	13	118	6	4.4
Bolsa Chica 14	1997	90	Edison light poles	750 tons	33	39	21	118	6	8
Bolsa Chica 15	1997	90	Edison light poles	750 tons	33	39	18	118	6	11
Bolsa Chica 16	1997	90	Edison light poles	750 tons	33	39	15	118	6	12
Bolsa Chica 17	1997	90	Edison light poles	750 tons	33	39	13	118	6	10
Bolsa Chica 18	1998	90	Edison light poles	1000 tons	33	39	10.3	118	5	59.5
Bolsa Chica 19	1999	85	Pier Pilings	62,900 tons	33	39	32.4	118	5	55.5
Bolsa Chica 20	1999	85	Pier Pilings		33	39	29.7	118	5	48.2
Bolsa Chica 21	1999	85	Pier Pilings		33	39	29.2	118	5	57.1
Bolsa Chica 22	1999	85	Pier Pilings		33	39	26.8	118	5	49.2
Bolsa Chica 23	1999	85	Pier Pilings		33	39	26.2	118	5	58
Bolsa Chica 24	1999	85	Pier Pilings		33	39	24.2	118	5	50.6
Bolsa Chica 25	1999	90	Pier Pilings		33	39	6.7	118	5	54.8
Bolsa Chica 26	1999	90	Pier Pilings		33	39	4.1	118	5	55.9
Bolsa Chica 27	1999	90	Pier Pilings		33	39	2	118	5	56.9
Bolsa Chica 28	1999	90	Pier Pilings		33	38	59.2	118	5	57.5
Bolsa Chica 29	1999	90	Pier Pilings		33	38	56.7	118	5	58.7
Bolsa Chica 30	1999	95	Pier Pilings		33	38	54.4	118	5	59.6
Bolsa Chica 31	1999	95	Pier Pilings		33	38	52	118	6	1.1
Bolsa Chica 32	1999	100	Pier Pilings		33	38	48.9	118	6	1.5
Bolsa Chica 33	1999	100	Pier Pilings		33	38	46.4	118	6	2.9
Huntington Beach A1	1963	60	quarry rock	10,000 tons	33	36	55	117	58	51
Huntington Beach A2					33	36	52	117	58	49
Huntington Beach A3					33	36	50	117	58	48
Huntington Beach A4					33	36	49	117	58	47
Huntington Beach B1					33	37	10	117	59	18
Huntington Beach B2					33	37	9	117	59	17
Huntington Beach B3					33	37	7	117	59	16
Huntington Beach C1					33	37	18	117	59	52
Huntington Beach C2					33	37	17	117	59	51
Huntington Beach C3					33	37	15	117	59	50
Huntington Beach D1					33	37	29	118	0	5
Huntington Beach D2					33	37	28	118	0	4

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Huntington Beach D3					33	37	26	118	0	3
Huntington Beach D4					33	37	24	118	0	2
Huntington Beach A Center					33	36	52	117	58	59
Huntington Beach B Center					33	37	17	117	59	51
Huntington Beach C Center					33	37	9	117	59	17
Huntington Beach D Center					33	37	28	118	0	4
Newport Beach A	1979	72	concrete rubble/ pilings	1,200 tons	33	36	8	117	57	52
Newport Beach B	1981		concrete rubble	2,700 tons	33	36	13	117	57	50
Newport Beach C	1982		concrete blocks	375 tons	33	36	16	117	57	44
Newport Beach E	1984		concrete rubble/ pilings	6,400 tons	33	36	7	117	57	53
Newport Beach Center					33	36	13	117	57	49
Pendleton 1	1980	43	quarry rock	10,000 tons	33	19	29.28	117	31	40.04
Pendleton 3					33	19	25.61	117	31	36.59
Pendleton 4					33	19	29.64	117	31	38.76
Pendleton 6					33	19	30.67	117	31	38.66
Pendleton 7					33	19	29.87	117	31	36.88
Pendleton Center					33	19	30	117	31	42
Oceanside 2 1A	1987	42-72	quarry rock	10,000 tons	33	12	15.18	117	26	5.32
Oceanside 2 2A					33	12	20.75	117	26	4.12
Oceanside 2 3A					33	12	24.49	117	26	10.56
Oceanside 2 4A					33	12	31.59	117	26	14.46
Oceanside 2 1B					33	12	24.45	117	25	39.48
Oceanside 2 2B					33	12	31.41	117	25	46.33
Oceanside 2 3B					33	12	37.26	117	25	52.79
Oceanside 2 4B					33	12	44.29	117	25	56.58
Oceanside 2 1C					33	12	43.2	117	25	9.77
Oceanside 2 2C					33	12	47.75	117	25	13.57
Oceanside 2 3C					33	12	54.63	117	25	18.37

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Oceanside 2 4C					33	13	2.96	117	25	24.07
Oceanside 2 Center					33	12	40.17	117	25	43.82
Oceanside 1 A	1964	82-100	quarry rock	2,000 tons	33	10	59	117	25	1
Oceanside 1 B	1987	45-90	concrete dock floats	12 modules (100'x5')	33	11	0	117	24	59
Oceanside 1 C					33	10	58	117	25	1
Oceanside 1 D					33	10	59	117	24	59
Oceanside 1 E					33	10	57	117	25	2
Oceanside 1 F					33	10	57	117	24	59
Oceanside 1 G					33	10	54.8	117	25	5
Oceanside 1 H					33	10	54	117	24	59
Oceanside 1 Center					33	10	57	117	25	0
Carlsbad 1	1991	37-60	quarry rock	10,000 tons	33	5	19.49	117	19	13.12
Carlsbad 2					33	5	14.05	117	19	11.04
Carlsbad 3					33	5	9.76	117	19	9.24
Carlsbad 4					33	5	3.52	117	19	7.25
Carlsbad 5*			*positions not exact		33	5	16.8	117	19	14.4
Carlsbad 6*					33	5	11.4	117	19	13.2
Carlsbad 7*					33	5	5.4	117	19	11.4
Carlsbad 8*					33	5	0	117	19	9
Carlsbad 9*					33	5	15.6	117	19	25.2
Carlsbad 10*					33	5	10.8	117	19	22.8
Carlsbad 11*					33	5	4.8	117	19	20.4
Carlsbad 12*					33	4	58.2	117	19	19.2
Torrey Pines 2	1975	44	quarry rock dock floats	3,000 tons 1 barge load	32	53	35	117	15	35
Torrey Pines 1	1964	67	quarry rock	1,000 tons	32	53	12	117	15	50
Pacific Beach 1A	1987	42-72	quarry rock	10,000 tons	32	47	20	117	16	42
Pacific Beach 2A					32	47	25	117	16	45
Pacific Beach 3A					32	47	35	117	16	50
Pacific Beach 4A					32	47	40	117	16	55
Pacific Beach 1B					32	47	24	117	16	30
Pacific Beach 2B					32	47	30	117	16	30
Pacific Beach 3B					32	47	38	117	16	34
Pacific Beach 4B					32	47	46	117	16	35

NAME	YEAR BUILT	DEPTH (feet)	MATERIAL	SIZE (tons/number)	Lat Deg N	Lat Min	Lat Sec	Long Deg W	Long Min	Long Sec
Pacific Beach 1C					32	47	30	117	16	12
Pacific Beach 2C					32	47	36	117	16	12
Pacific Beach 3C					32	47	44	117	16	14
Pacific Beach 4C					32	47	50	117	16	18
Pacific Beach Center					32	47	35	117	16	35
Mission Bay Park - El Rey	1987	80	wrecked ship		32	45	51	117	16	38
Mission Bay Park- Ruby E		90	wrecked ship		32	46	2	117	16	36
Mission Bay Park- Kelp Reef	1991-93	60	concrete rubble		32	46	12	117	16	4
Mission Bay Park - NEL Tower		60	steel structure		32	46	22	117	16	3
Mission Bay Park - Concrete		80-90	concrete rubble		32	45	51	117	16	31
Mission Bay Park- Kelp II	1998	50	concrete rubble		32	45	46	117	15	55
International Reef 1	1992	165	quarry rock	10,000 tons	32	32	40.3	117	14	53.1
International Reef 2					32	32	39.7	117	14	54
International Reef 3					32	32	37.5	117	14	50
International Reef 4					32	32	38.8	117	14	48.2
International Reef 5	1993		4 story missile platform	1 piece	32	32	29.7	117	14	47.4

NEARSHORE ENHANCEMENT PROJECT

(562) 342-7172

last update: 1 September 1999