

1911

SEACOAST

FROM POINT FERMIN TO SAN FRANCISCO—Continued.

Coast and Geodetic Survey Charts 5143, 5144, 5386, 5476, 5491, 5498, 5300, 5400, 5500, 5600, and 5002.

1	2	3	4	5	6
Name of aid.	Mark on aid.	Color of aid.	Description of aid.	Depth at mean low water.	GENERAL REMARKS.
Constantine Rock Buoy.....	1 C Rk	Black.....	1st-class can.....	<i>Fath.</i> 39	About 200 yards S'y of rock.
Von Helms Rock Whistling Buoy.	12 VH	Red.....	Nun-shaped; surmounted by whistle.	120	Seaward of rock.
PIEDRAS BLANCAS LIGHTSTATION.		White.....	Conical tower.....		1st-order white (i. o. v.) light, fixed varied by flash every 15 sec.; visible about 19 miles. On point about 5 miles N'd and W'd of San Simeon Point and entrance to San Simeon Bay, and behind "Piedra Blanca." Fog signal: 1st-class compressed-air siren, sounds thus— <u>Blast</u> <u>Silent</u> <u>Blast</u> <u>Silent</u> 2 sec. 20 sec. 2 sec. 20 sec.
POINT SUR LIGHTSTATION.		Gray.....	Square stone tower.....		1st-order light flashing every 15 sec., alternately red and white; visible about 23 miles. Near W'y end of Moro Rock. Fog signal: 1st-class compressed-air siren, sounds thus— <u>Blast</u> <u>Silent</u> <u>Blast</u> <u>Silent</u> 5 sec. 35 sec. 5 sec. 35 sec.
Point Pinos Whistling Buoy.	2 Pt P	Red.....	Nun-shaped; surmounted by whistle.	135	Off Point Pinos, S'y side of Monterey Bay.
Point Pinos Lightstation.		White.....	Tower.....		3d-order fixed white light; visible about 15 miles. On point, S'y side of entrance to Monterey Bay.
Monterey Bell Buoy.....	4 M	Red.....	Nun-shaped; lattice-work body, surmounted by bell.	123	
Santa Cruz Whistling Buoy.	SC	Black and white perpendicular stripes.	Nun-shaped; surmounted by whistle.	60	Off Santa Cruz Harbor.
Santa Cruz Lightstation.....		White.....	Square tower, on dwelling.		5th-order fixed red light; visible about 8 miles. On Point Santa Cruz, 200 yards from end of bluff, on W'y side of entrance to Santa Cruz Harbor, N'y side of Monterey Bay.
Año Nuevo Island Lightstation.		White.....	Lantern in small structure in front of fog-signal house.		Fixed white lens-lantern light (U.). On SW'y or seaward side of island. Fog signal: 6-inch compressed-air siren, sounds thus— <u>Blast</u> <u>Silent</u> <u>Blast</u> <u>Silent</u> 2 sec. 3 sec. 2 sec. 30 sec.
PIGEON POINT LIGHTSTATION.		White.....	Conical tower.....		1st-order white light, flashing every 10 sec.; visible about 18 miles. On end of point, about 39 miles NW'y from Point Pinos Lighthouse. Fog signal: 1st-class compressed-air siren, sounds thus— <u>Blast</u> <u>Silent</u> <u>Blast</u> <u>Silent</u> 2 sec. 6 sec. 2 sec. 20 sec.
POINT MONTARA LIGHTSTATION.		White.....	Lantern on post.....		Fixed red lens-lantern light (U.). On Point Montara, about 22 miles NW'y of Pigeon Point Lighthouse. Fog signal: 12-inch steam whistle, sounds thus— <u>Blast</u> <u>Silent</u> <u>Blast</u> <u>Silent</u> 5 sec. 25 sec. 5 sec. 25 sec.

1912

1912

PACIFIC COAST.

No.	Name.	Location.	Latitude, north, Longitude, west.	Number and color.	Character and period of light.	Height above mean high water.	Miles seen in clear weath- er.	Candle- power.
COAST.			° ' "			<i>Feet.</i>		
15a	Anacapa Island..... U.	On south side of east en- trance to Santa Barbara Channel.	34 00 45 119 21 45	1 White.	Gp. Fl. 15 sec.	185	12	530
16	Santa Barbara.....	On point, southwest from landing.	34 23 52 119 43 17	1 White.	F.	178	11	520
17	POINT CONCEPTION...	North side of west en- trance to Santa Barbara Channel.	34 26 56 120 28 13	1 White.	Fl. 30 sec.	133	18	340,000
17a	Richardson Rock..... U.	On rock, south side of west entrance to Santa Bar- bara Channel.	34 06 00 120 31 15	1 White.	Fl. 3 sec.	120	12	530
18	POINT ARGUELLO.....	On end of point.....	34 34 35 120 38 48	1 White.	Double Fl. 7½ sec.	100	16	90,000
19	SAN LUIS OBISPO.....	On point, west side of bay..	35 09 39 120 45 37	1 Red and white.	Alt. Fl. 60 sec.	130	17	R. 1,200 W. 4,800
20	PIEDRAS BLANCAS.....	On point.....	35 39 57 121 17 01	1 White.	F. Fl. 15 sec.	168	19	F. 15,000 Fl. 36,000
21	POINT SUR.....	Near west end of Moro Rock.	36 18 24 121 54 03	1 Red and white.	Alt. Fl. 15 sec.	270	23	R. 100,000 W. 160,000
22	Point Pinos.....	On point, south side of en- trance to Monterey Bay.	36 38 01 121 55 59	1 White.	Occ. 30 sec.	89	15	1,200
23	SANTA CRUZ.....	On point, west side of en- trance to Santa Cruz Harbor.	36 57 09 122 01 34	1 Red.	F.	67	7	90
24	Año Nuevo Island.....	On southwest side.....	37 06 20 122 20 10	1 White.	F.	65	14	3,200

1912

912

CALIFORNIA.

18TH DIST.

No.	General description.	Height, base of structure to top of lantern.	When established and last rebuilt.	Fog signal.	Remarks.
15a	Red; pyramidal skeleton tower	70	1912		Flash 1 sec. Eclipse 3 sec. Flash 1 sec. Eclipse 10 sec. Total 15 sec.
16	White; tower on dwelling	34	1856		
17	White; tower behind dwelling	39	1855 1882	12-inch steam whistle: Blast 8 sec. Silent 52 sec. Total 60 sec.	Flash 10 sec. Eclipse 20 sec. Total 30 sec.
17a	Black; pyramidal skeleton tower	50	1912		Flash 0.3 sec. Eclipse 2.7 sec. Total 3.0 sec.
18	Gray; square tower	28	1901 1911	1st-cl. air siren: Blast 2 sec. Silent 28 sec. Total 30 sec.	Light about 1/2 sec. Eclipse about 1 1/2 sec. Light about 1/2 sec. Eclipse 5 1/2 sec. Total 7 1/2 sec. U. S. Navy wireless telegraph station here.
19	White; square wooden tower on dwelling.	30	1890	10-inch steam whistle: Blast 5 sec. Silent 35 sec. Total 40 sec.	Red flash 6 1/2 sec. Eclipse 23 1/2 sec. White flash 6 1/2 sec. Eclipse 23 1/2 sec. Total 60 sec.
20	White; conical tower	90	1875	1st-cl. air siren: Blast 2 sec. Silent 20 sec. Total 22 sec.	Flash 2 1/2 sec. Eclipse 12 1/2 sec. Total 15 sec.
21	Square; gray stone tower on fog signal building.	38	1889	1st-cl. air siren: Blast 5 sec. Silent 35 sec. Total 40 sec.	Red flash 5 sec. Eclipse 10 sec. White flash 5 sec. Eclipse 10 sec. Total 30 sec.
22	White; tower on dwelling	35	1855		Light 20 sec. Eclipse 10 sec. Total 30 sec. After March 30, 1912.
23	White; square tower on dwelling	35	1869		Not visible northward of 99°.
24	White; hexagonal tankhouse	4	1872 1911	1st-cl. air siren: Blast 2 sec. Silent 3 sec. Blast 2 sec. Silent 30 sec. Total 37 sec.	

No.	Name. Character and period of light.	Location. Latitude, N. Longitude, W.	Light above high water. Feet.	Miles seen.	Candle- power.
COAST.					
22	Richardson Rock Fl. W., 3 sec. U.	On rock, south side of west entrance to Santa Bar- bara Channel. 34 06 12 120 31 09	120	12	390
23	POINT ARGUELLO Gp. Fl. W., 7½ sec., 2 flashes.	On end of point..... 34 34 41 120 39 00	100	16	43,000
24	<i>Port Harford Gas and Whistling Buoy, S.</i> Occ. W., 20 sec.	In 10 fathoms, off Point San Luis breakwater.	14	9	120
25	SAN LUIS OBISPO Fl. W., 20 sec.	On Point San Luis, west side of bay. 35 09 38 120 45 37	130	17	13,000
26	PIEDRAS BLANCAS F. Fl. W., 15 sec.	On point..... 35 39 57 121 17 01	168	19	F. 13,000 Fl. 78,000
27	POINT SUR Alt. Fl. R. and W., 30 sec.	Near west end of Moro Rock. 36 18 24 121 54 03	270	23	40,000
28	POINT PINOS Occ. W., 30 sec.	On point, south side of en- trance to Monterey Bay. 36 38 01 121 55 59	89	15	12,000
29	Santa Cruz Occ. W., 5 sec.	On point, west side of en- trance to Santa Cruz Harbor. 36 57 09 122 01 34	67	12	490
30	Año Nuevo Island Occ. W., 20 sec.	On southwest side..... 37 06 20 122 20 10	73	14	2,900
31	PIGEON POINT Fl. W., 10 sec.	On end of point..... 37 10 56 122 23 36	148	18	48,000

No.	Description of structure, vessel, or buoy. Top of lantern, above base.	Fog signal.	Remarks.
22	Red; pyramidal skeleton tower. Feet. 70	.....	Flash 0.3 sec. duration.
23	Gray; square tower..... 28	1st-cl. air siren: Blast..... 2 sec. Silent..... 28 sec.	1st flash..... 0.2 sec. Eclipse..... 2.0 sec. 2d flash..... 0.2 sec. Eclipse..... 5.1 sec. Total..... 7.5 sec. U.S. Navy radiostation here. Call NPK.
24	Black; conical; skeleton su- perstructure.	Whistle sounded by action of sea.	Light..... 10 sec. Eclipse..... 10 sec.
25	White; square wooden tower on dwelling. 30	10-inch steam whistle: Blast..... 5 sec. Silent..... 35 sec.	Flash..... 4 sec. Eclipse..... 16 sec.
26	White; conical tower..... 90	1st-cl. air siren: Blast..... 2 sec. Silent..... 20 sec.	Fixed light with flash of 1.1 sec. duration every 15 sec.
27	Square; gray stone tower on fog signal building. 38	1st-cl. air siren: Blast..... 5 sec. Silent..... 35 sec.	Red flash... 2.5 sec. Eclipse.... 12.5 sec. White flash.. 2.5 sec. Eclipse.... 12.5 sec. Total..... 30 sec.
28	White; tower on dwelling.... 35	.....	Light..... 20 sec. Eclipse..... 10 sec.
29	White; square tower on dwell- ing. 35	.....	Light..... .35 sec Eclipse..... 1.5 sec. Not visible northward of 99°.
30	Black; square, pyramidal, skeleton tower. 49	1st-cl. air siren; gp. 2 blasts every 37 sec.: 1st blast..... 2 sec. Silent..... 3 sec. 2d blast..... 2 sec. Silent..... 30 sec.	Light..... 15 sec. Eclipse..... 5 sec.
31	White; conical tower..... 100	1st-cl. air siren; gp. 2 blasts every 30 sec.: 1st blast..... 2 sec. Silent..... 6 sec. 2d blast..... 2 sec. Silent..... 20 sec.	Flash..... 2.5 sec. Eclipse..... 7.5 sec.

No.	Name. Character and period of light.	Location. Latitude, N. Longitude, W.	Light above high water. Feet.	Miles seen.	Candle- power.
COAST.					
23	Richardson Rock Fl. W., 3 sec. U.	On rock, south side of west entrance to Santa Bar- bara Channel. 34 06 12 120 31 09	120	12	390
24	POINT ARGUELLO Gp. Fl. W., 7½ sec., 2 flashes.	On end of point..... 34 34 41 120 39 00	100	16	43,000
25	<i>Port Harford Gas and Whistling Buoy, 3.</i> Occ. W., 20 sec.	In 10 fathoms, off Point San Luis breakwater.	14	9	120
26	SAN LUIS OBISPO Fl. W., 20 sec.	On Point San Luis, west side of bay. 35 09 38 120 45 37	130	17	13,000
27	PIEDRAS BLANCAS F. Fl. W., 15 sec. (See Remarks.)	On point..... 35 39 57 121 17 01	158	19	F. 13,000 Fl. 78,000
28	POINT SUR Alt. Fl. R. and W., 30 sec.	Near west end of Moro Rock. 36 18 24 121 54 03	270	23	40,000
29	POINT PINOS Occ. W., 30 sec.	On point, south side of en- trance to Monterey Bay. 36 38 01 121 55 59	89	15	12,000
30	Santa Cruz Occ. W., 5 sec.	On point, west side of en- trance to Santa Cruz Harbor. 36 57 09 122 01 34	67	12	490
31	Año Nuevo Island Occ. W., 20 sec.	On southwest side..... 37 06 20 122 20 10	73	14	2,900

No.	Description of structure, vessel, or buoy. Top of lantern above base.	Fog signal.	Remarks.
23	Red; pyramidal skeleton tower. Feet. 70	.....	Flash 0.3 sec. duration.
24	Gray; square tower..... 28	1st-cl. air siren: Blast..... 2 sec. Silent..... 28 sec.	1st flash..... 0.2 sec. Eclipse..... 2.0 sec. 2d flash..... 0.2 sec. Eclipse..... 5.1 sec. Total..... 7.5 sec. U. S. Navy radio sta- tion here. Call NPK.
25	Black; conical; skeleton su- perstructure.	Whistle sounded by action of sea.	Light..... 10 sec. Eclipse..... 10 sec.
26	White; square wooden tower on dwelling. 40	1st-cl. air siren: Blast..... 4 sec. Silent..... 36 sec.	Flash..... 4 sec. Eclipse..... 16 sec.
27	White; conical tower..... 100	1st-cl. air siren: Blast..... 2 sec. Silent..... 20 sec.	Fixed light with flash of 1.1 sec. duration every 15 sec. Gp. Fl. W., 15 sec., 2 flashes, each 0.5 sec. duration, after Mar. 15, 1916.
28	Square; gray stone tower on fog-signal building. 50	1st-cl. air siren: Blast..... 5 sec. Silent..... 35 sec.	Red flash... 2.5 sec. Eclipse... 12.5 sec. White flash. 2.5 sec. Eclipse... 12.5 sec.
29	White; tower on dwelling... 43	.....	Light..... 20 sec. Eclipse..... 10 sec.
30	White; square tower on dwelling. 39	.....	Light..... 3.5 sec. Eclipse..... 1.5 sec. Not visible northward of 99°.
31	Black; square, pyramidal, skeleton tower. 49	1st-cl. air siren; gp. 2 blasts every 37 sec.: 1st blast..... 2 sec. Silent..... 3 sec. 2d blast..... 2 sec. Silent..... 30 sec.	Light..... 15 sec. Eclipse..... 5 sec.

1916

PACIFIC COAST.

No.	Name. Character and period of light.	Location. Latitude, N. Longitude, W.	Light above high water.	Miles seen.	Candle- power.
COAST.					
26	Santa Barbara..... Fl. W., 15 sec.	On point, southwest from landing. 34 23 52 119 43 17	Feet. 178	20	40,000
27	POINT CONCEPTION... Fl. W., 30 sec.	North side of west en- trance to Santa Barbara Channel. 34 26 56 120 28 13	133	18	130,000
28	Richardson Rock..... Fl. W., 3 sec. U.	On rock, south side of west entrance to Santa Bar- bara Channel. 34 06 12 120 31 09	120	12	390
29	POINT ARGUELLO..... Gp. Fl. W., 7½ sec., 2 flashes.	On end of point..... 34 34 41 120 39 00	100	16	43,000
30	Port Harford Gas and Whistling Buoy, 3. Occ. W., 20 sec.	In 10 fathoms, off Point San Luis breakwater.	14	9	120
31	SAN LUIS OBISPO..... Fl. W., 20 sec.	On Point San Luis, west side of bay. 35 09 38 120 45 37	130	17	13,000
32	PIEDRAS BLANCAS... Gp. Fl. W., 15 sec., 2 flashes.	On point..... 35 39 57 121 17 01	158	19	78,000
33	POINT SUR..... Alt. Fl. R. and W., 30 sec.	Near west end of Moro Rock. 36 18 24 121 54 03	270	23	40,000
34	POINT PINOS..... Occ. W., 30 sec.	On point, south side of en- trance to Monterey Bay. 36 38 01 121 55 59	89	15	12,000
35	Santa Cruz..... Occ. W., 5 sec.	On point, west side of en- trance to Santa Cruz Harbor. 36 57 09 122 01 34	67	14	2,900

CALIFORNIA.

18TH DIST.

No.	Description of structure, vessel, or buoy. Top of lantern above base.	Fog signal.	Remarks.
26	White; tower on dwelling... Feet. 40	.....	Flash..... 1 sec. Eclipse..... 14 sec.
27	White; tower behind dwell- ing. 52	Air diaphone; gp. 2 blasts every 60 sec. 1st blast... 3 sec. Silent..... 4 sec. 2d blast.... 3 sec. Silent..... 50 sec.	Flash..... 4.5 sec. Eclipse..... 25.5 sec.
28	Red; pyramidal skeleton tower. 70	.....	Flash 0.3 sec. duration.
29	Gray; square tower..... 28	1st-cl. air siren: Blast..... 2 sec. Silent..... 28 sec.	1st flash.... 0.2 sec. Eclipse.... 2.0 sec. 2d flash.... 0.2 sec. Eclipse.... 5.1 sec. Total.... 7.5 sec. U. S. Navy radio sta- tion here. Call NPK.
30	Black; conical; skeleton su- perstructure.	Whistle sounded by action of sea.	Light..... 10 sec. Eclipse..... 10 sec.
31	White; square wooden tower on dwelling. 40	1st-cl. air siren: Blast..... 4 sec. Silent..... 36 sec.	Flash..... 4 sec. Eclipse..... 16 sec.
32	White; conical tower..... 100	1st-cl. air siren: Blast..... 3 sec. Silent..... 17 sec.	1st flash.... 0.5 sec. Eclipse... 3.0 sec. 2d flash.... 0.5 sec. Eclipse... 11.0 sec. Total... 15 sec.
33	Gray; square stone tower, on fog-signal building. 50	1st-cl. air siren: Blast..... 5 sec. Silent..... 35 sec.	Red flash... 2.5 sec. Eclipse... 12.5 sec. White flash.. 2.5 sec. Eclipse... 12.5 sec. Total... 30 sec.
34	White; tower on dwelling... 43	.....	Light..... 20 sec. Eclipse..... 10 sec.
35	White; square tower on dwelling. 39	.....	Light..... 3.5 sec. Eclipse..... 1.5 sec. Not visible northward of 99°.

PACIFIC COAST.

No.	Name. Character and period of light.	Location. Latitude, N. Longitude, W.	Light above high water.	Miles seen.	Candle- power.
COAST.					
26	Santa Barbara..... Fl. W., 15 sec.	On point, southwest from landing. 34 23 52 119 43 17	Feet. 178	20	66,000
27	POINT CONCEPTION... Fl. W., 30 sec.	North side of west en- trance to Santa Barbara Channel. 34 26 56 120 28 13	133	18	130,000
28	Richardson Rock..... Fl. W., 3 sec. U.	On rock, south side of west entrance to Santa Bar- bara Channel. 34 06 12 120 31 09	120	12	390
29	POINT ARGUELLO..... Gp. Fl. W., 7½ sec., 2 flashes.	On end of point..... 34 34 41 120 39 00	100	16	43,000
30	Port Harford Gas and Whistling Buoy, 3. Occ. W., 20 sec.	In 10 fathoms, off Point San Luis breakwater.	14	9	120
31	SAN LUIS OBISPO..... Fl. W., 20 sec.	On Point San Luis, west side of bay. 35 09 38 120 45 37	130	17	13,000
32	PIEDRAS BLANCAS.... Gp. Fl. W., 15 sec., 2 flashes.	On point..... 35 39 57 121 17 01	158	19	78,000
33	POINT SUB..... Alt. Fl. R. and W., 30 sec.	Near west end of Moro Rock. 36 18 24 121 54 03	270	23	40,000
34	POINT PINOS..... Occ. W., 30 sec.	On point, south side of en- trance to Monterey Bay. 36 38 01 121 55 59	89	15	12,000
35	Santa Cruz..... Occ. W., 5 sec.	On point, west side of en- trance to Santa Cruz Harbor. 36 57 09 122 01 34	67	14	25,000

CALIFORNIA.

18TH DIST.

No.	Description of structure, vessel, or buoy. Top of lantern above base.	Fog signal.	Remarks.
26	White; tower on dwelling... Feet. 40	.....	Flash..... 1 sec. Eclipse..... 14 sec.
27	White; tower behind dwell- ing. 52	Air diaphone; gp. 2 blasts every 60 sec. 1st blast..... 3 sec. Silent..... 4 sec. 2d blast..... 3 sec. Silent..... 50 sec.	Flash..... 4.5 sec. Eclipse..... 25.5 sec.
28	Red; pyramidal skeleton tower. 70	.....	Flash 0.3 sec. duration.
29	White; square tower..... 28	1st-cl. air siren: Blast..... 2 sec. Silent..... 28 sec.	1st flash.... 0.2 sec. Eclipse.... 2.0 sec. 2d flash.... 0.2 sec. Eclipse.... 5.1 sec. Total.... 7.5 sec. U. S. Navy radio sta- tion here. Call NPK.
30	Black; conical; skeleton su- perstructure.	Whistle sounded by action of sea.	Light..... 10 sec. Eclipse..... 10 sec.
31	White; square wooden tower on dwelling. 40	1st-cl. air siren: Blast..... 4 sec. Silent..... 36 sec.	Flash..... 4 sec. Eclipse..... 16 sec.
32	White; conical tower..... 100	1st-cl. air siren: Blast..... 3 sec. Silent..... 17 sec.	1st flash.... 0.5 sec. Eclipse... 3.0 sec. 2d flash... 0.5 sec. Eclipse... 11.0 sec. Total... 15 sec.
33	Gray; square stone tower, on fog-signal building. 50	1st-cl. air siren: Blast..... 5 sec. Silent..... 35 sec.	Red flash... 2.5 sec. Eclipse... 12.5 sec. White flash.. 2.5 sec. Eclipse... 12.5 sec. Total... 30 sec.
34	White; tower on dwelling... 43	.....	Light..... 20 sec. Eclipse..... 10 sec.
35	White; square tower on dwelling. 39	.....	Light..... 3.5 sec. Eclipse..... 1.5 sec. Not visible northward of 99°

1918

PACIFIC COAST.

No.	Name. Character and period of light.	Location. Latitude, N. Longitude, W.	Light above high water.	Miles seen.	Candle- power.
COAST.					
28	Richardson Rock Fl. W., 3 sec. U.	On rock, south side of west entrance to Santa Bar- bara Channel. 34 06 12 120 31 09	Feet. 120	12	390
29	POINT ARGUELLO Gp. Fl. W., 7½ sec., 2 flashes.	On end of point..... 34 34 41 120 39 00	100	16	43,000
30	<i>Port Harford Gas and Whistling Buoy, 3.</i> Occ. W., 20 sec.	In 10 fathoms, off Point San Luis breakwater.	14	9	120
31	SAN LUIS OBISPO Fl. W., 20 sec.	On Point San Luis, west side of bay. 35 09 38 120 45 37	130	17	13,000
32	PIEDRAS BLANCAS Gp. Fl. W., 15 sec., 2 flashes.	On point..... 35 39 57 121 17 01	158	19	130,000
33	POINT SUR Alt. Fl. R. and W., 30 sec.	Near west end of Moro Rock. 36 18 24 121 54 03	270	23	40,000
34	POINT PINOS Occ. W., 30 sec.	On point, south side of en- trance to Monterey Bay. 36 38 01 121 55 59	89	15	12,000
35	Santa Cruz Occ. W., 5 sec.	On point, west side of en- trance to Santa Cruz Harbor. 36 57 09 122 01 34	67	14	25,000
36	Ano Nuevo Island Occ. W., 20 sec.	On southwest side of island. 37 06 20 122 20 10	73	14	2,900

CALIFORNIA.

18TH DIST.

No.	Description of structure, vessel, or buoy. Top of lantern above base.	Fog signal.	Remarks.
28	Red; pyramidal skeleton tower. Feet. 70	.....	Flash 0.3 sec. duration.
29	White; square tower..... 28	1st-cl. air siren: Blast..... 2 sec. Silent..... 28 sec.	1st flash..... 0.2 sec. Eclipse.... 2.0 sec. 2d flash..... 0.2 sec. Eclipse.... 5.1 sec. Total.. 7.5 sec. U. S. Navy radio sta- tion here. Call NPK.
30	Black; conical; skeleton su- perstructure.	Whistle sounded by action of sea.	Light..... 10 sec. Eclipse..... 10 sec.
31	White; square wooden tower on dwelling. 40	1st-cl. air siren: Blast..... 4 sec. Silent..... 36 sec.	Flash..... 4 sec. Eclipse..... 16 sec.
32	White; conical tower..... 100	1st-cl. air siren: Blast..... 3 sec. Silent..... 17 sec.	1st flash... 0.5 sec. Eclipse... 3.0 sec. 2d flash... 0.5 sec. Eclipse... 11.0 sec. Total... 15 sec.
33	Gray; square stone tower, on fog-signal building. 50	1st-cl. air siren: Blast..... 5 sec. Silent..... 35 sec.	Red flash... 2.5 sec. Eclipse... 12.5 sec. White flash... 2.5 sec. Eclipse... 12.5 sec. Total... 30 sec.
34	White; tower on dwelling.... 43	.....	Light..... 20 sec. Eclipse..... 10 sec.
35	White; square tower on dwelling. 39	.....	Light..... 3.5 sec. Eclipse..... 1.5 sec. Not visible northward of 99°.
36	Black; square, pyramidal, skeleton tower. 49	1st-cl. air siren; gp. 3 blasts every 60 sec.: 1st blast..... 2 sec. Silent..... 1 sec. 2d blast..... 2 sec. Silent..... 1 sec. 3d blast..... 2 sec. Silent..... 52 sec.	Light..... 15 sec. Eclipse..... 5 sec.

1919