

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ST. MARYS RIVER							
HEAD OF LAKE NICOLET TO WHITEFISH BAY (Chart 14884)							
Round Island							
14420	- Lighted Buoy 25	46-26-50.752N 084-31-39.753W	FI G 4s		3	Green.	Replaced by can from Dec. 21 to May 1.
14425	- LIGHT 26	46-27-02.100N 084-31-53.000W	Q R	34 10	5	TR on white cylindrical tower.	RACON: M (—).
14430	BIRCH POINT RANGE FRONT LIGHT	46-26-01.197N 084-31-23.905W	F R	53 16		KRW on skeleton tower.	Lighted throughout 24 hours.
14435	BIRCH POINT RANGE REAR LIGHT 3,000 feet, 138.5° from front light.	46-25-35.647N 084-30-51.386W	F R	101 31		KRW on black skeleton tower.	Lighted throughout 24 hours.
14440	- Buoy 27	46-26-43.317N 084-32-17.114W				Green can.	
14445	- Buoy 29	46-26-40.647N 084-33-00.394W				Green can.	
14450	- Buoy 30	46-27-11.345N 084-32-23.877W				Red nun.	
14455	- Traffic Lighted Buoy	46-27-07.023N 084-32-47.446W	Mo (A) W		7	Red and white stripes.	Vessels are required to leave buoy on port side in passing. Maintained from May 1 to Nov. 21.
14460	- Lighted Buoy 32	46-27-19.511N 084-32-45.709W	FI R 2.5s		4	Red.	Replaced by nun from Dec. 21 to May 1.
Point Iroquois							
14465	- Shoal Lighted Buoy 33	46-27-39.538N 084-33-47.859W	FI G 4s		4	Green.	
14470	- Anchorage Buoy A	46-27-32.438N 084-34-58.892W				Yellow can.	
14475	- Shoal Buoy 35	46-28-25.577N 084-34-47.062W				Green can.	
14483	- Lighted Buoy P38 (C)		FI R 4s			Red.	Spar; winter marker. Seasonal.
14485	- Shoal Buoy 37	46-29-01.020N 084-35-32.537W				Green can.	
14490	- Shoal Lighted Buoy 39	46-29-41.942N 084-36-24.579W	Q G		4	Green.	
14495	Gros Cap Reefs Light (C)	46-30-42.000N 084-36-54.000W	FI R 5s	59 18	14	On white square block.	RACON: K (— • —). Seasonal. Emergency light.
LAKE SUPERIOR							
ST. MARYS RIVER TO AU SABLE POINT (Chart 14962)							
14510	Ile Parisienne Light (C)	46-38-42.000N 084-43-24.000W	FI W 10s 1s fl 9s ec.	53 16	16	White hexagonal tower.	Seasonal. Emergency light.
14515	WHITEFISH HARBOR LIGHT 2	46-45-31.950N 084-57-50.148W	FI R 4s	29 9	5	TR on pile.	
14520	WHITEFISH HARBOR LIGHT 3	46-45-33.333N 084-57-52.992W	FI G 4s	29 9	4	SG on pile.	
14525	WHITEFISH HARBOR LIGHT 4	46-45-35.800N 084-57-53.900W	FI R 4s	25 8	4	TR on white column.	
14530	Whitefish Point Light	46-46-16.002N 084-57-26.517W	FI (2)W 20s 0.2s fl 4.8s ec. 0.2s fl 14.8s ec.	80 24	26	White cylindrical tower. 90	RACON: O (— • —). Standby light of reduced intensity.
14545	LITTLE LAKE HARBOR LIGHT 3	46-42-59.775N 085-21-50.971W	FI G 4s	28 9	4	SG on post.	
14550	Grand Marais Harbor Of Refuge Outer Light	46-41-01.611N 085-58-18.224W	FI W 2.5s	40 12	9	Skeleton tower with upper part enclosed. 41	HORN: 1 blast ev 15s (2s bl). Operates from May 1 to Oct. 20.
14555	GRAND MARAIS HARBOR OF REFUGE LIGHT 1	46-40-50.800N 085-58-09.900W	FI G 4s	24 7	4	SG on post.	

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LAKE SUPERIOR							
ST. MARYS RIVER TO AU SABLE POINT (Chart 14962)							
14560	Grand Marais Harbor Of Refuge Inner Light	46-40-36.005N 085-58-16.031W	F W	54 16	16	White square pyramidal skeleton tower with upper part enclosed. 64	
GRAND MARAIS TO BIG BAY POINT (Chart 14963)							
14565	Au Sable Light	46-40-18.600N 086-08-23.500W	Fl W 6s	100 30	11	White conical tower with red dwelling attached. 110	
14570	GRAND ISLAND LIGHT	46-33-39.120N 086-40-52.300W	Fl W 6s	190 58	9	On white post.	
14575	MUNISING RANGE FRONT LIGHT	46-24-55.000N 086-39-43.190W	F R	79 24		White conical tower.	
14580	MUNISING RANGE REAR LIGHT	46-24-43.700N 086-39-47.700W	F R	107 33		White conical tower.	
	1,150 feet, 217° from front light.						
14582	MUNISING CITY PIER LIGHT	46-24-49.080N 086-39-06.960W	Fl R 3s			On white post.	Private aid.
14585	<i>Trout Point Lighted Bell Buoy 2</i>	46-29-05.000N 086-35-47.500W	Fl R 4s		4	Red.	Replaced by nun from Oct. 14 to May 7.
14590	<i>Sand Point Lighted Bell Buoy 3</i>	46-27-31.040N 086-36-46.739W	Fl G 4s		4	Green.	Replaced by can from Oct. 14 to May 7.
14595	Grand Island Harbor Buoy 4	46-27-27.827N 086-37-04.496W				Red nun.	
14600	Bay Furnace Light	46-26-18.220N 086-41-28.570W	Fl W 2.5s	20 6	11	White cylindrical tower. 21	Higher intensity beam on bearing 166°.
14603	Bay Furnace Buoy 2	46-26-33.400N 086-41-18.900W				Red nun.	
14610	Williams Landing Buoy 1	46-26-47.415N 086-40-49.611W				Green can.	
14615	Grand Island Shoal Buoy 1A	46-27-09.375N 086-41-45.714W				Green can.	
MARQUETTE AND PRESQUE ISLE HARBORS (Chart 14970)							
14620	Marquette Bay South Shoal Buoy 1A	46-30-44.205N 087-21-27.316W				Green can.	
14625	Marquette Rocks Buoy 1 Marks northeast side of shoal.	46-32-55.107N 087-22-09.486W				Green can.	Replaced by can from Oct. 14 to May 07.
14630	Marquette Light	46-32-48.080N 087-22-33.760W	Fl W 10s	77 23	10	Red square tower on dwelling.	
14635	Marquette Breakwater Outer Light	46-32-01.680N 087-22-29.040W	Fl W 2.5s	36 11	12 R 12	White cylindrical tower with red band.	Red from 181° to 198°. HORN: 1 blast ev 15s (2s bl). Operates by keying microphone five times on VHF-FM Ch. 79.
14640	MARQUETTE BREAKWATER INNER LIGHT	46-32-12.870N 087-22-43.430W	Fl R 6s	38 12	5	TR on post.	
14645	Marquette Harbor Buoy 1 Marks shoal.	46-31-41.941N 087-22-52.892W				Green can.	
14650	Marquette Power And Light Channel Buoy 1	46-32-01.900N 087-23-07.300W				Green can.	Private aid.
14655	Marquette Power And Light Channel Buoy 2	46-32-06.100N 087-23-08.000W				Red nun-shaped spar.	Private aid.
14656	Marquette Power And Light Range Front Daybeacon	46-31-56.100N 087-23-36.500W				Orange and white diamond.	Private aid.
14657	Marquette Power And Light Range Rear Daybeacon	46-31-55.500N 087-23-38.600W				Orange and white diamond.	Private aid.
	100 feet, 250° from front range beacon.						
14660	Marquette Harbor Buoy 3	46-32-10.110N 087-23-08.532W				Green can.	
14665	Marquette Harbor Buoy 5	46-32-19.260N 087-23-08.462W				Green can.	

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LAKE SUPERIOR							
MARQUETTE AND PRESQUE ISLE HARBORS (Chart 14970)							
14666	Marquette Harbor Buoy 7	46-32-31.207N 087-23-08.409W				Green can.	
14667	MARQUETTE MARINA ENTRANCE LIGHT 1	46-32-34.510N 087-23-02.520W	FI G 2.5s			SG on blue pole.	Maintained from Mar. 1 to Nov. 30. Private aid.
14668	MARQUETTE MARINA ENTRANCE LIGHT 2	46-32-33.420N 087-23-01.820W	FI R 2.5s			TR on blue pole.	Maintained from Mar. 1 to Nov. 30. Private aid.
14670	Presque Isle Harbor Breakwater Light	46-34-28.110N 087-22-28.180W	FI R 4s	56 17	12	White cylindrical tower with red band on octagonal building. 56	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from May 1 to Oct. 20.
14680	<i>Presque Isle Harbor Lighted Buoy 1</i> Marks north side of shoal.	46-34-08.024N 087-23-03.573W	FI G 4s		4	Green.	Replaced by can from Oct. 14 to May 7.
14685	<i>Wisconsin Electric Power Company Lighted Buoy 3</i>	46-34-33.800N 087-23-16.200W	Q G			Green.	Maintained from Apr. 1 to Dec. 1. Private aid.
14688	PRESQUE ISLE MARINA LIGHT 1	46-34-49.700N 087-23-09.000W	F G			SG on building.	Maintained from May 1 to Oct. 31. Private aid.
14690	PRESQUE ISLE MARINA LIGHT 2	46-34-51.000N 087-23-06.000W	FI R 4s	12 4		TR on red steel pile.	Maintained from May 1 to Oct. 31. Private aid.
14695	Presque Isle Harbor Buoy 2 Marks shoal.	46-34-34.168N 087-22-49.647W				Red nun.	
GRAND MARAIS TO BIG BAY POINT (Chart 14963)							
14700	Granite Island Light	46-43-15.200N 087-24-45.600W	FI W 6s	96 29	11	Gray skeleton tower. 50	
14705	Big Bay Point Light	46-50-31.150N 087-40-45.320W	FI W 6s	89 27	11	Red square tower on dwelling. 60	
14710	Big Bay Point Buoy 1 Marks north side of shoal.	46-51-41.718N 087-41-15.468W				Green can.	Maintained from May 14 to Oct. 14.
14715	BIG BAY HARBOR WEST PIER LIGHT	46-49-48.000N 087-43-29.400W	FI R 4s	25 8	5	TR on column.	
14720	Big Bay Harbor East Pier Daybeacon	46-49-41.300N 087-43-32.000W				SG on column.	
14725	Stannard Rock Light Marks north side of reef.	47-11-00.620N 087-13-30.420W	FI W 6s	102 31	10	Gray conical tower on cylindrical crib. 110	
BIG BAY POINT TO REDRIDGE (Chart 14964)							
14730	Huron Island Light	46-57-47.920N 087-59-55.410W	FI W 10s	197 60	15	Gray granite tower on dwelling. 39	
14735	Point Abbaye Shoal Buoy 6	46-57-29.861N 088-05-51.512W				Red nun.	
14740	Point Abbaye Shoal Bell Buoy 3	46-58-22.524N 088-06-15.441W				Green.	Maintained from May 14 to Oct. 14.
14745	HURON BAY LIGHT	46-53-28.000N 088-12-53.000W	FI W 4s	34 10	6	NG on skeleton tower.	
14750	SAND POINT LIGHT	46-47-00.750N 088-27-58.780W	FI W 4s	40 12	6	NR on skeleton tower.	
14755	L'Anse Bay Shoal Buoy 2	46-46-46.440N 088-28-04.920W				Red nun.	Maintained from May 14 to Oct. 14.
14760	L'Anse Buoy 1	46-45-33.369N 088-27-33.557W				Green can.	Maintained from May 14 to Oct. 14.
14762	L'ANSE MARINA LIGHT 2	46-45-28.000N 088-27-26.000W	FI R 4s	8 2		TR on pile.	Maintained from May 1 to Nov. 1. Private aid.

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LAKE SUPERIOR							
BIG BAY POINT TO REDRIDGE (Chart 14964)							
14763	Indian Country Sports Light	46-45-28.200N 088-27-21.300W	Fl W 2.5s	44 13		Cupola atop white square tower.	Private aid.
KEWEENAW WATERWAY (Chart 14972)							
Keweenaw Waterway							
<i>Lighted buoys maintained from May 14 to Nov. 14.</i>							
14765	- LOWER ENTRANCE LIGHT	46-58-07.986N 088-25-51.561W	Fl W 6s	68 21	9	White octagonal tower on concrete pierhead.	Standby light of reduced intensity. HORN: 1 blast ev 30s (3s bl). Operates by keying microphone five times on VHF-FM Ch. 79.
14775	- <i>Lighted Buoy 1</i>	46-58-05.418N 088-25-59.768W	Fl G 4s		4	Green.	
14780	- <i>Lighted Buoy 3</i>	46-58-25.068N 088-26-01.430W	Fl G 4s		4	Green.	
14780.1	- Buoy 3A	46-58-47.178N 088-26-06.120W				Green can.	Maintained from May 14 to Oct. 14.
14785	- <i>Lighted Buoy 4</i>	46-58-56.641N 088-26-03.647W	Fl R 4s		3	Red.	
14790	- LIGHT 5	46-58-55.164N 088-26-08.230W	Fl G 2.5s	14 4	4	SG on white pile.	
14795	- Daybeacon 7	46-59-00.242N 088-26-08.950W				SG on skeleton tower.	
14800	- Daybeacon 9	46-59-19.977N 088-26-10.983W				SG on skeleton tower.	
14805	- LIGHT 10	46-59-21.890N 088-26-01.690W	Fl R 2.5s	14 4	4	TR on post.	
14810	- LIGHT 11 Marks northwest end of Middle Ground.	46-59-24.224N 088-26-08.927W	Fl G 2.5s	14 4	4	SG on white pile.	
14815	- LIGHT 13	46-59-31.928N 088-26-09.300W	Q G	14 4	4	SG on white pile.	
14820	- SOUTH RANGE FRONT LIGHT	46-59-36.660N 088-26-03.360W	Q W	27 8		KRW on gray skeleton tower.	Visible all around, higher intensity on range line.
14825	- SOUTH RANGE REAR LIGHT 1,600 feet, 136° from front light.	46-59-25.380N 088-25-47.450W	Iso W 6s	58 18		KRW on gray skeleton tower.	
14830	- LIGHT 15	46-59-43.620N 088-26-16.670W	Fl G 2.5s	14 4	4	SG on white pile.	
14835	- LIGHT 17	47-00-07.880N 088-26-50.630W	Fl G 2.5s	14 4	4	SG on white pile.	
14840	- LIGHT 16	47-00-10.610N 088-26-46.460W	Fl R 2.5s	14 4	4	TR on white pile.	
14845	- LIGHT 19	47-00-41.060N 088-27-37.170W	Fl G 2.5s	14 4	4	SG on post.	
14850	- LIGHT 18	47-00-43.800N 088-27-33.010W	Fl R 2.5s	14 4	4	TR on white pile.	
14855	- LIGHT 20	47-01-13.890N 088-28-15.240W	Q R	14 4	4	TR on white pile.	
14860	PRINCESS POINT RANGE FRONT LIGHT	47-01-17.540N 088-28-28.680W	Q W	22 7		KRW on gray skeleton tower.	Visible all around, higher intensity on range line.
14865	PRINCESS POINT RANGE REAR LIGHT 1,100 feet, 164.5° from front light.	47-01-06.930N 088-28-24.500W	Iso W 6s	39 12		KRW on gray skeleton tower.	
14870	- LIGHT 22	47-01-34.800N 088-28-30.940W	Fl R 2.5s	13 4	4	TR on white pile.	
14875	- Buoy 24	47-01-50.843N 088-28-40.247W				Red nun.	Maintained from May 7 to Nov. 15
14880	- LIGHT 25	47-01-49.620N 088-28-43.740W	Fl G 2.5s	15 5	4	SG on white pile.	

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LAKE SUPERIOR							
KEWEENAW WATERWAY (Chart 14972)							
Keweenaw Waterway							
<i>Lighted buoys maintained from May 14 to Nov. 14.</i>							
14885	- Buoy 26	47-02-19.720N 088-28-51.024W				Red nun.	
14890	- Lighted Buoy 27	47-02-18.941N 088-28-55.874W	Q G		4	Green.	
14895	Pike Bay Obstruction Beacons (5)	47-01-41.000N 088-31-13.000W				NW on posts worded DANGER SUBMERGED PILINGS.	Private aid.
14900	- Junction Lighted Buoy "KW"	47-04-18.989N 088-29-25.074W	Fl (2+1)R 6s		4	Red and green bands.	
Torch Lake Canal							
<i>Buoys maintained from May 15 to Oct. 15.</i>							
14905	- Buoy 1	47-05-42.518N 088-25-38.255W				Green can.	
14906	- Buoy 2	47-05-50.040N 088-25-13.950W				Red nun.	
14907	- Buoy 3	47-06-33.460N 088-24-43.000W				Green can.	
14908	- Buoy 4	47-06-32.050N 088-24-37.070W				Red nun.	
14909	- Buoy 5	47-07-21.098N 088-24-26.195W				Green can.	
14910	- Buoy 6	47-07-21.398N 088-24-24.155W				Red nun.	
14911	- Buoy 7	47-07-37.020N 088-24-22.970W				Green can.	
14912	- Buoy 9	47-07-48.458N 088-24-20.855W				Green can.	
14913	- Buoy 10	47-07-48.038N 088-24-19.355W				Red nun.	
14914	- Buoy 11	47-08-01.820N 088-24-18.220W				Green can.	
14915	- Buoy 12	47-08-02.078N 088-24-16.655W				Red nun.	
14915.5	- Buoy 13	47-08-10.590N 088-24-19.040W				Green can.	
14916	- Buoy 14	47-08-24.450N 088-24-22.660W				Red nun.	
14917	- Buoy 15	47-08-33.970N 088-24-28.420W				Green can.	
14918	- Buoy 16	47-09-00.900N 088-24-40.240W				Red nun.	
14919	- Buoy 17	47-09-00.698N 088-24-41.795W				Green can.	
14920	- Buoy 18	47-09-16.010N 088-24-48.220W				Red nun.	
14921	- Buoy 19	47-09-16.658N 088-24-50.975W				Green can.	
14922	- Buoy 20	47-09-26.138N 088-24-53.495W				Red nun.	
14923	- Buoy 21	47-09-26.200N 088-24-55.870W				Green can.	
14925	Lake Linden Harbor Buoy 1	47-10-36.698N 088-24-32.615W				Green can.	
Keweenaw Waterway							
<i>Lighted buoys maintained from May 14 to Nov. 14.</i>							
14926	Torch Lake Southwest Arm Wreck Buoy 2	47-08-58.800N 088-27-03.360W				Red nun.	Maintained from May 15 to Oct. 14.
14935	- Buoy 30 Marks west side of shoal.	47-05-19.749N 088-29-52.981W				Red nun.	
14937	- Buoy 30A	47-06-05.231N 088-30-03.296W				Red nun.	Maintained from May 7 to Nov. 15

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LAKE SUPERIOR							
KEWEENAW WATERWAY (Chart 14972)							
Keweenaw Waterway							
<i>Lighted buoys maintained from May 14 to Nov. 14.</i>							
14940	Pilgrim Point Leading Light	47-06-23.962N 088-30-26.439W	FI W 4s	22 7	12	NB on post.	Higher intensity beam on bearing 165°.
14945	- <i>Lighted Buoy 31</i>	47-06-32.414N 088-30-19.834W	Q G		3	Green.	Can; winter marker.
14950	- Buoy 33	47-07-04.160N 088-31-56.382W				Green can.	
14955	- Buoy 34	47-07-21.448N 088-32-47.551W				Red nun.	Maintained from May 7 to Nov. 15
14960	- <i>Lighted Buoy 35</i>	47-07-17.563N 088-32-48.527W	FI G 4s		3	Green.	
14965	- Buoy 36	47-07-27.016N 088-33-08.434W				Red nun.	
14970	OSCEOLA POINT LIGHT	47-07-22.649N 088-35-39.183W	Q R	20 6	4	TR on post.	
14975	<i>Atlantic Point Lighted Buoy 37</i>	47-07-29.977N 088-36-28.124W	FI G 4s		3	Green.	
14980	- Buoy 39	47-07-33.267N 088-36-59.615W				Green can.	
14985	- Buoy 40	47-07-39.687N 088-36-58.775W				Red nun.	Maintained from May 7 to Nov. 15
14990	- <i>Lighted Buoy 42</i>	47-07-49.206N 088-37-11.267W	FI R 4s		3	Red.	
14995	COLE CREEK LIGHT	47-07-45.403N 088-37-19.370W	FI G 2.5s	25 8	5	SG on post.	
15000	- Buoy 44	47-07-58.156N 088-37-20.428W				Red nun.	Maintained from May 7 to Nov. 15.
15005	- Buoy 46	47-08-14.231N 088-37-28.181W				Red nun.	Maintained from May 7 to Nov. 15
15010	- Buoy 48	47-09-10.507N 088-37-47.678W				Red nun.	
15015	- <i>Lighted Buoy 49</i>	47-09-28.500N 088-37-58.910W	FI G 4s		3	Green.	Can; winter marker.
15025	- <i>Lighted Buoy 50</i>	47-10-00.140N 088-38-19.790W	FI R 4s		3	Red.	Nun; winter marker.
15030	- <i>Lighted Buoy 51</i>	47-10-13.719N 088-38-28.618W	FI G 2.5s		3	Green.	Replaced by can from Nov. 14 to May 14.
15035	- Buoy 52	47-10-12.076N 088-38-20.806W				Red nun.	Maintained from May 7 to Nov. 15
15040	ROULEAU POINT RANGE FRONT LIGHT	47-11-33.290N 088-37-07.950W	Q W	22 7		KRW on skeleton tower.	Higher intensity beam to NE and S. Also serves as a leading light for Lily Pond Lower Canal.
15045	ROULEAU POINT RANGE REAR LIGHT 1,280 feet, 033.5° from front light.	47-11-44.027N 088-36-57.171W	F W	46 14		KRW on skeleton tower.	
15050	- Buoy 54	47-10-23.100N 088-38-13.460W				Red nun.	Maintained from May 7 to Nov. 15
15055	- Buoy 55	47-10-29.237N 088-38-12.679W				Green can.	
15060	- Buoy 56	47-10-52.320N 088-37-45.270W				Red nun.	Maintained from May 7 to Nov. 15
15065	- Buoy 57	47-10-52.315N 088-37-50.075W				Green can.	Maintained from May 7 to Nov. 15

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LAKE SUPERIOR							
KEWEENAW WATERWAY (Chart 14972)							
Keweenaw Waterway							
<i>Lighted buoys maintained from May 14 to Nov. 14.</i>							
15070	- Buoy 59	47-11-18.724N 088-37-24.779W				Green can.	Maintained from May 7 to Nov. 15
15075	- Buoy 60	47-11-22.070N 088-37-17.074W				Red nun.	Maintained from May 7 to Nov. 15
15080	- <i>Lighted Buoy 61</i>	47-11-28.245N 088-37-18.733W	FI G 2.5s		3	Green.	Replaced by can from Nov 14 to May 14.
15085	LILY POND LEADING LIGHT	47-12-01.340N 088-37-03.860W	FI R 2.5s	25 8	6	TR on post.	
15090	- Buoy 63	47-11-51.676N 088-37-10.593W				Green can.	Maintained from May 7 to Nov. 15
15095	LILY POND SOUTH LIGHT 68	47-12-30.420N 088-37-05.340W	FI R 4s	25 8	5	TR on post.	
15100	LILY POND NORTH LIGHT 70	47-13-00.960N 088-37-08.730W	Q R	25 8	5	TR on post.	
Keweenaw Upper Entrance							
15105	- EAST REVETMENT LIGHT 72	47-13-36.060N 088-37-32.380W	FI R 4s	25 8	5	TR on post.	
15110	- WEST REVETMENT LIGHT	47-13-34.330N 088-37-37.780W	FI G 4s	25 8	5	SG on post.	
15115	- WEST BREAKWATER LIGHT	47-14-01.940N 088-37-56.620W	FI G 4s	32 10	5	SG on post.	
15120	- Light	47-14-04.320N 088-37-49.210W	FI W 15s	82 25	28	White square tower on cylindrical base.	Standby light of reduced intensity. HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 1.
BIG BAY POINT TO REDRIDGE (Chart 14964)							
15130	GRAND TRAVERSE BAY HARBOR LIGHT 2	47-11-18.000N 088-14-06.000W	FI (2)R 5s 0.4s fl 0.6s ec. 0.4s fl 3.6s ec.	29 9	7	TR on post.	
15135	GRAND TRAVERSE BAY HARBOR LIGHT 3	44-11-19.700N 088-14-08.000W	FI G 2.5s	27 8	4	SG on post.	
15140	Bete Grise Bay Shoal Buoy 1	47-21-29.676N 087-55-30.000W				Green can.	
15145	LAC LA BELLE SOUTH PIERHEAD LIGHT	47-22-27.300N 087-57-46.000W	FI G 4s	29 9	6	SG on post.	
15150	LAC LA BELLE NORTH PIERHEAD LIGHT	47-22-31.200N 087-57-48.200W	FI R 4s	25 8	4	2 TR on gray pole.	
15151	Mendota Light	47-22-26.500N 087-58-00.100W	FI W 20s	44 13		Square buff-brick tower in front of dwelling with steep gable roof.	Private aid.
15155	<i>Keweenaw Point Lighted Buoy 1</i>	47-23-46.177N 087-42-31.938W	FI G 4s		4	Green.	Maintained from May 14 to Oct. 14.
15160	Gull Rock Buoy 4	47-24-30.694N 087-40-01.847W				Red nun.	
15165	GULL ROCK LIGHT	47-25-41.094N 087-39-52.167W	FI (2)W 5s 0.4s fl 0.6s ec. 0.4s fl 3.6s ec.	50 15	9	White square tower on dwelling.	
15170	Manitou Light	47-25-11.300N 087-35-12.610W	FI W 10s	81 25	18	Cylindrical tower.	RACON: M (- -). HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates from 14 May to 14 Oct.
15175	Copper Harbor Light	47-28-28.100N 087-51-36.900W	FI G 6s	90 27	21	On white skeleton tower near white dwelling.	Standby light of reduced intensity.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
BIG BAY POINT TO REDRIDGE (Chart 14964)							
15180	Copper Harbor Entrance Bell Buoy CH	47-28-41.094N 087-51-52.171W				Red and white stripes.	Maintained from May 14 to Oct. 14.
15185	COPPER HARBOR RANGE FRONT LIGHT	47-28-08.580N 087-51-58.370W	Q W	22 7		KWR on red tower on small house.	
15190	COPPER HARBOR RANGE REAR LIGHT 400 feet, 190° from front light.	47-28-04.440N 087-51-59.270W	F W	41 13		KWR on red tower on skeleton tower.	
15191	Copper Harbor Crib Buoy	47-28-12.000N 087-53-03.000W				White with orange bands and orange diamond.	Maintained from May 15 to Oct. 15. Private aid.
15192	Copper Harbor Shoal Buoy	47-28-17.000N 087-53-42.000W				White with orange bands and orange diamond.	Maintained from May 15 to Oct. 15. Private aid.
15195	Eagle Harbor Light	47-27-35.130N 088-09-32.700W	AI WR 20s	60 18	29	White octagonal tower on red dwelling.	Obscured 150° to 330°. Standby light of reduced intensity.
15205	Eagle Harbor Shoal Gong Buoy 1	47-27-50.078N 088-09-30.239W				Green.	Maintained from May 14 to Oct. 14
15210	EAGLE HARBOR RANGE FRONT LIGHT	47-27-19.730N 088-09-04.980W	Q G	22 7		KRW on post.	
15215	EAGLE HARBOR RANGE REAR LIGHT 356.6 yards, 105° from front light.	47-27-11.000N 088-08-57.100W	Iso G 6s	34 10		KRW on gray tower.	
REDRIDGE TO SAXON HARBOR (Chart 14965)							
15220	ONTONAGON HARBOR EAST BREAKWATER LIGHT	46-52-44.900N 089-19-43.500W	Iso G 6s	25 8	6	SG on pile.	
15225	ONTONAGON HARBOR WEST BREAKWATER LIGHT	46-52-46.080N 089-19-51.040W	FI R 4s	31 9	7	White skeleton tower with upper part enclosed.	HORN: 2 blasts ev 60s (3s bl-3s si-3s bl-51s si). Operates from May 1 to Oct. 20.
15230	BLACK RIVER EAST BREAKWATER LIGHT 1	46-40-10.010N 090-02-54.360W	FI G 4s	31 9	9	SG on post.	
15235	BLACK RIVER WEST BREAKWATER LIGHT 2	46-40-05.730N 090-02-57.160W	FI R 4s	18 5	3	TR on tower.	Maintained from May 28 to Oct. 14.
15240	Black River Buoy 3	46-40-06.230N 090-02-53.547W				Green can.	Maintained from May 21 to Oct. 21.
15245	SAXON HARBOR EAST BREAKWATER LIGHT	46-33-49.170N 090-26-16.520W	FI G 6s	29 9	7	SG on post.	
15250	SAXON HARBOR WEST BREAKWATER LIGHT	46-33-47.070N 090-26-17.070W	FI R 6s	29 9	7	TR on white column.	
APOSTLE ISLANDS (Chart 14973)							
15255	Outer Island Light	47-04-35.500N 090-25-00.110W	FI W 10s	130 40	15	White conical tower with dwelling attached. 130	
15260	GULL ISLAND LIGHT	46-54-24.000N 090-26-36.000W	FI W 2.5s	56 17	7		
15265	STOCKTON ISLAND HARBOR EAST ENTRANCE LIGHT	46-54-50.000N 090-33-05.500W	FI G 2.5s	18 5		SG on post.	Private aid.
15270	STOCKTON ISLAND HARBOR WEST ENTRANCE LIGHT	46-54-48.000N 090-33-07.000W	FI R 2.5s	18 5		TR on post.	Private aid.
15275	Michigan Island Light	46-52-17.154N 090-29-49.545W	FI W 6s	170 52	11	White cylindrical tower. 11	
15280	LA POINTE LIGHT	46-43-43.359N 090-47-05.697W	Iso G 6s	70 21	8	White cylindrical tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
APOSTLE ISLANDS (Chart 14973)							
15290	<i>Madeline Island Lighted Buoy 4</i> Marks west side of shoal.	46-44-57.955N 090-48-01.016W	FI R 4s		4	Red.	Nun; winter marker. Maintained from May 21 to Nov. 21.
15295	CHEQUAMEGON POINT LIGHT	46-43-42.550N 090-48-33.380W	FI G 4s	33 10	7	White cylindrical tower.	
Chequamegon Bay							
15300	<i>Houghton Point Lighted Buoy 6</i>	46-41-48.376N 090-50-45.179W	FI R 4s		4	Red.	Maintained from May 21 to Nov. 21.
15305	- <i>Lighted Buoy 1</i> Marks west side of shoal.	46-39-54.855N 090-51-33.520W	FI G 4s		4	Green.	Maintained from May 21 to Nov. 21.
ASHLAND AND WASHBURN HARBORS (Chart 14974)							
Chequamegon Bay							
Ashland Harbor							
15310	- BREAKWATER LIGHT	46-37-41.478N 090-52-14.200W	FI W 6s	60 18	9	White octagonal pyramidal tower.	
15315	- BREAKWATER SOUTH LIGHT	46-37-03.893N 090-50-32.886W	FI R 4s	21 6	5	White pile.	
15355	- <i>Lighted Buoy 1</i>	46-36-06.762N 090-53-26.983W	FI G 4s		3	Green.	Replaced by can from 21 Nov. to 21 May.
15360	- Buoy 2	46-36-06.472N 090-53-32.913W				Red nun.	
15365	- Buoy 3	46-35-56.983N 090-53-26.873W				Green can.	
15370	- <i>Lighted Buoy 4</i>	46-35-56.403N 090-53-35.274W	Q R		4	Red.	Replaced by nun from Nov. 21 to May 21.
15375	- Buoy 5	46-35-50.583N 090-53-35.064W				Green can.	
15380	- Buoy 6	46-35-46.770N 090-53-57.645W				Red.	
15400	Reiss Coal Co. Dock Buoy 2	46-35-39.500N 090-53-50.000W				Red spar.	Maintained from Apr. 1 to Dec. 1. Private aid.
15404	ASHLAND MARINA SOUTH BREAKWATER LIGHT	46-35-34.195N 090-53-16.770W	FI W 2.5s	17 5		NW on post worded DANGER.	Maintained from May 1 to Nov. 1. Private aid.
15405	ASHLAND MARINA LIGHT 1	46-35-39.800N 090-53-18.000W	FI G 2.5s	20 6		SG on post.	Maintained from May 1 to Nov. 1. Private aid.
15406	ASHLAND MARINA LIGHT 2	46-35-41.198N 090-53-23.550W	FI R 2.5s	21 6		TR on post.	Maintained from May 1 to Nov. 1. Private aid.
15410	ASHLAND MARINA BREAKWATER LIGHT	46-35-43.100N 090-53-19.500W	Q W	20 6		NW on post worded DANGER.	Maintained from May 1 to Nov. 1. Private aid.
15415	<i>Ashland Lighted Obstruction Buoy</i>	46-35-51.000N 090-53-24.800W	Q W			White with orange bands and diamond worded DANGER PILINGS.	Maintained from May 1 to Nov. 1. Private aid.
15420	WASHBURN HARBOR SOUTH BREAKWATER LIGHT 2	46-40-01.800N 090-53-17.000W	FI R 4s	20 6		TR on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
15425	WASHBURN HARBOR NORTH BREAKWATER LIGHT 1	46-40-02.900N 090-53-16.900W	FI G 4s	20 6		SG on post.	Maintained from Apr. 1 to Dec. 1. Private aid.
15430	6TH AVENUE BREAKWALL LIGHT	46-39-57.000N 090-54-19.000W	F Y	7 2		On post.	Maintained from Apr. 1 to Dec. 1. Private aid.
APOSTLE ISLANDS (Chart 14973)							
15440	MADELINE ISLAND MARINA ENTRANCE SOUTH LIGHT	46-46-20.800N 090-47-01.400W	FI R 4s	15 5		TR on white metal frame.	Maintained from May 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
APOSTLE ISLANDS (Chart 14973)							
15445	MADLINE ISLAND MARINA ENTRANCE NORTH LIGHT	46-46-21.500N 090-46-58.600W	FI W 4s	15 5		Green square daymark on white metal frame.	Maintained from May 1 to Nov. 1. Private aid.
15450	LAPOINTE HARBOR DETACHED BREAKWATER WEST LIGHT	46-46-40.000N 090-47-23.800W	Q W	26 8		On post.	Private aid.
15455	LAPOINTE HARBOR DETACHED BREAKWATER EAST LIGHT	46-46-40.200N 090-47-20.100W	Q W	26 8		On post.	Private aid.
15460	MADLINE ISLAND BREAKWATER LIGHT	46-46-43.150N 090-47-20.850W	FI G 4s	28 9	6	SG on pole.	
Port Superior Marina <i>Aids maintained from Apr. 15 to Nov. 1.</i>							
15465	- Shoal Buoy	46-47-03.000N 090-50-57.000W				Green can.	Maintained from May 1 to Oct. 31. Private aid.
15470	- Buoy 2	46-47-20.600N 090-50-59.000W				Red.	Private aid.
15475	- Buoy 4	46-47-20.700N 090-51-00.300W				Red.	Private aid.
15480	- Buoy 5	46-47-19.800N 090-51-02.600W				Green.	Private aid.
15485	- Buoy 6	46-47-20.600N 090-51-02.200W				Red.	Private aid.
15490	- LIGHT 7	46-47-19.600N 090-51-03.900W	FI G 4s	15 5		On pile.	Private aid.
15495	- LIGHT 8	46-47-20.200N 090-51-05.700W	FI R 4s	15 5		On pile.	Private aid.
APOSTLE ISLANDS (Chart 14973)							
15500	Bayfield Ruins Buoy 1	46-48-08.560N 090-49-26.000W				Green can.	Maintained from May 21 to Oct. 21.
15505	MATTSON LIGHT	46-48-22.400N 090-49-14.300W	FI R 2.5s	13 4		Diamond daymark on pile.	Maintained from May 1 to Nov. 1. Private aid.
15510	BAYFIELD HARBOR SOUTH BREAKWATER LIGHT	46-48-34.620N 090-48-41.050W	FI G 4s	25 8	7	SG on post.	HORN: 1 blast ev 15s (2s bl). Operates by keying the microphone 5 times on VHF-FM channel 79
15515	Bayfield Harbor Daybeacon 3	46-48-34.800N 090-48-43.300W				SG on post.	Maintained from May 1 to Dec. 1. Private aid.
15520	BAYFIELD HARBOR NORTH BREAKWATER LIGHT	46-48-35.980N 090-48-39.330W	FI R 4s	28 9	6	TR on white column.	
15525	BAYFIELD MUNICIPAL BREAKWATER LIGHT	46-48-41.300N 090-48-41.000W	Iso G 6s	25 8		On pile.	Maintained from Apr. 15 to Dec. 15. Private aid.
15527	BAYFIELD FERRY LANDING BREAKWALL LIGHT 2	46-48-43.140N 090-48-38.940W	FI R 4s			On post.	Maintained from Apr. 15 to Nov. 15. Private aid.
Red Cliff							
15530	- BREAKWATER LIGHT	46-50-10.000N 090-47-16.000W	FI R 4s	18 5		On pile.	Maintained from May 1 to Nov. 1. Private aid.
15545	- <i>Point Lighted Buoy 4</i>	46-53-40.500N 090-44-47.500W	FI R 4s		4	Red.	Maintained from May 21 to Oct. 14.
APOSTLE ISLANDS (Chart 14973)							
15550	LITTLE MANITOU ISLAND LIGHT	46-57-42.350N 090-41-10.860W	FI G 4s	21 6	6	SG on skeleton tower.	
15555	RASPBERRY ISLAND LIGHT	46-58-13.200N 090-48-17.470W	FI W 2.5s	58 18	7		
15560	Marina Shoal Buoy 3	46-58-10.604N 090-48-33.832W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
APOSTLE ISLANDS (Chart 14973)							
15565	Devils Island Light	47-04-46.288N 090-43-41.130W	FI R 10s	100 30	15	Cylindrical tower. 100	Flash intensities alternate.
15570	<i>York Island Shoals Lighted Bell Buoy 1</i> Marks west side of shoal.	47-01-35.142N 090-51-22.577W	FI G 4s		4	Green.	Maintained from May 21 to Oct. 14.
15575	Sand Island Buoy 2 Marks north side of shoal.	47-00-51.462N 090-54-17.570W				Red nun.	Maintained from May 21 to Oct. 14.
15580	SAND ISLAND LIGHT	47-00-11.910N 090-56-14.720W	FI W 6s	60 18	7	Red tower on dwelling.	
15581	LITTLE SAND BAY HARBOR EAST LIGHT 1	46-56-47.840N 090-53-31.080W	FI G 2.5s	17 5		On post.	Private aid.
15582	LITTLE SAND BAY HARBOR WEST LIGHT 2	46-56-47.220N 090-53-32.880W	FI R 2.5s	17 5		On post.	Private aid.
15584	Cornucopia West Entrance Buoy 2 Marks best water due to shoaling	46-51-34.140N 091-06-16.260W				Red nun.	Maintained from May 1 to Oct. 15. Private aid.
LITTLE GIRLS POINT TO SILVER BAY (Chart 14966)							
15585	CORNUCOPIA EAST PIER LIGHT	46-51-35.113N 091-06-16.562W	FI G 2.5s	29 9	8	SG on post.	Higher intensity beam lakeward.
15586	CORNUCOPIA MOORING BASIN LIGHT A	46-51-29.700N 091-06-07.000W	Iso Y 6s	20 6		Triangular yellow dayboard with orange border.	Maintained from Apr. 1 to Nov. 1. Private aid.
15590	PORT WING EAST PIER LIGHT	46-47-34.729N 091-23-10.067W	FI G 4s	27 8	5	SG on post.	
DULUTH - SUPERIOR HARBOR (Chart 14975)							
Superior Entry							
15595	- South Breakwater Light	46-42-36.740N 092-00-22.220W	FI G 5s	70 21	22	White cylindrical tower on fog signal building. 70	HORN: 1 blast ev 30s (3s bl). Operates from May 1 to Oct. 20.
15600	- NORTH BREAKWATER LIGHT	46-42-41.478N 092-00-30.000W	Q R	38 12	5	TR on post.	
15605	- INNER NORTH PIERHEAD LIGHT	46-42-30.920N 092-00-49.200W	Iso R 6s	35 11	4	TR on post.	
15610	- INNER SOUTH PIERHEAD LIGHT	46-42-26.770N 092-00-44.990W	Iso G 6s	35 11	5	SG on post.	
15615	SUPERIOR HARBOR BASIN LIGHT 1	46-42-15.840N 092-01-01.380W	FI G 2.5s	35 11	4	SG on post.	
Allouez Bay							
15620	ALLOUEZ ORE DOCK NO. 3 WEST LIGHT	46-42-07.800N 092-01-21.800W	FI W 4s	14 4		On pile.	Maintained from Mar. 1 to Dec. 1. Private aid.
15625	ALLOUEZ ORE DOCK NO. 3 EAST LIGHT	46-42-07.800N 092-01-20.900W	FI W 4s	14 4		On pile.	Maintained from Mar. 1 to Dec. 1. Private aid.
15630	- Entrance Buoy 1	46-42-12.833N 092-01-03.914W				Green can.	
15635	- Channel Buoy 2	46-42-06.683N 092-01-13.184W				Red nun.	
15640	- <i>Lighted Buoy 3</i>	46-42-06.506N 092-01-01.801W	FI G 4s		4	Green.	Replaced by can from Dec. 21 to Apr. 28.
15645	- Channel Buoy 4	46-41-57.503N 092-00-54.004W				Red nun.	
15650	- Channel Buoy 5	46-41-59.293N 092-00-48.284W				Green can.	
Superior Harbor Basin							
15660	- Anchorage Buoy A	46-42-34.604N 092-01-43.480W				Yellow nun.	
15665	- Anchorage Buoy B	46-42-59.883N 092-02-19.784W				Yellow nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
Superior Harbor Basin							
15670	- Buoy 1	46-42-17.785N 092-01-36.295W				Green can.	
15675	- Buoy 3	46-42-19.613N 092-01-48.124W				Green can.	
15680	- <i>Lighted Buoy 4</i>	46-42-30.213N 092-01-55.384W	FI R 4s		4	Red.	Maintained from Apr. 28 to Dec. 07.
15685	- Buoy 5	46-42-29.803N 092-02-15.664W				Green can.	
Superior Front Channel							
<i>Lighted buoys maintained from Apr. 28 to Dec. 14.</i>							
15690	- RANGE FRONT LIGHT	46-42-26.000N 092-02-07.000W	Q G	42 13		KRW on skeleton tower.	
15695	- RANGE FRONT PASSING LIGHT	46-42-25.780N 092-02-06.750W	FI G 4s	18 5	4	On range front light structure.	Visible from 150° to 270°.
15700	- RANGE REAR LIGHT 850 feet, 136° from front light.	46-42-16.000N 092-01-52.000W	Oc G 4s	70 21		KRW on skeleton tower.	
15705	- <i>Lighted Buoy 2</i>	46-42-51.392N 092-02-36.610W	Q R		4	Red.	Replaced by nun from Dec. 07 to Apr. 28.
Barkers Island Marina							
<i>Buoys maintained from May 1 to Nov. 1.</i>							
15710	- <i>Lighted Buoy 1</i>	46-42-50.000N 092-02-49.000W	FI G 2s			Green.	Private aid.
15715	- <i>Lighted Buoy 2</i>	46-42-50.600N 092-02-49.900W	FI R 2s			Red.	Private aid.
15720	- Buoy 3	46-42-48.300N 092-02-51.500W				Green can.	Private aid.
15725	- Buoy 4	46-42-48.900N 092-02-52.400W				Red nun.	Private aid.
15730	- Buoy 5	46-42-46.100N 092-02-55.700W				Green can.	Private aid.
15735	- Buoy 6	46-42-46.400N 092-02-56.300W				Red nun..	Private aid.
15740	- Buoy 7	46-42-45.100N 092-03-00.900W				Green can.	Private aid.
15745	- Buoy 8	46-42-46.100N 092-03-01.000W				Red nun.	Private aid.
15746	- Buoy 9	46-42-45.600N 092-03-08.200W				Green can.	Private aid.
15747	- Buoy 10	46-42-46.600N 092-03-06.600W				Red nun.	Private aid.
Superior Front Channel							
<i>Lighted buoys maintained from Apr. 28 to Dec. 14.</i>							
15750	- Buoy 1	46-42-50.164N 092-02-45.500W				Green can.	
15755	- Buoy 3	46-42-58.344N 092-02-58.035W				Green can.	
15760	- Buoy 4	46-43-02.109N 092-02-51.820W				Red nun.	
15765	- Buoy 5	46-43-10.074N 092-03-14.495W				Green can.	
15770	- <i>Lighted Buoy 6</i>	46-43-13.933N 092-03-08.610W	FI R 4s		3	Red.	Maintained from Apr. 28 to Dec. 7.
15775	- Buoy 7	46-43-22.614N 092-03-32.485W				Green can.	
15780	- Buoy 8	46-43-26.654N 092-03-26.135W				Red nun.	
15785	- Buoy 9	46-43-35.214N 092-03-50.685W				Green can.	
15790	- <i>Lighted Buoy 10</i>	46-43-39.044N 092-03-44.529W	FI R 4s		3	Red.	Maintained from Apr. 28 to Dec. 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
Superior Front Channel							
<i>Lighted buoys maintained from Apr. 28 to Dec. 14.</i>							
15795	- Buoy 12	46-43-50.618N 092-04-01.247W				Red nun.	
15800	- Buoy 13	46-43-49.784N 092-04-11.885W				Green can.	
15805	- <i>Lighted Buoy 14</i>	46-44-03.105N 092-04-18.769W	FI R 4s		3	Red.	Maintained from Apr. 28 to Dec. 7.
15810	- Buoy 15	46-44-04.234N 092-04-32.185W				Green can.	
15815	- Buoy 16	46-44-15.375N 092-04-36.274W				Red nun.	
15820	- <i>Lighted Buoy 18</i>	46-44-30.784N 092-04-57.655W	FI R 4s		3	Red.	Replaced by nun from Dec. 07 to Apr. 28.
15825	- <i>Lighted Buoy 19</i>	46-44-32.035N 092-05-11.285W	FI G 4s		3	Green.	Maintained from Apr. 28 to Dec. 7.
15830	East Gate Basin Buoy 20	46-44-37.940N 092-05-02.740W				Red nun.	
Duluth Harbor							
<i>Lighted buoys maintained from Apr. 21 to Dec. 21.</i>							
15840	- Breakwater Buoy 2	46-47-15.122N 092-05-22.602W				Red nun.	
15845	- South Breakwater Outer Light	46-46-48.460N 092-05-15.020W	F G	44 13	17	White tower on fog signal building. 44	HORN: 2 bl ev 60s (3s bl-3s si-3s bl-51s si). Operates from Apr. 1 to Dec 1.
15855	- North Pier Light	46-46-51.540N 092-05-17.030W	Iso R 6s	43 13	16	White cylindrical tower with black top and base. 43	
15860	- South Breakwater Inner Light	46-46-43.580N 092-05-30.530W	FI W 5s	68 21	18	Black cylindrical tower with white lantern room. 68	Light obscured from 270° through 325°.
15865	- Basin Buoy 1	46-46-34.043N 092-05-39.643W				Green can.	
15870	- <i>Basin Traffic Lighted Buoy</i>	46-46-29.573N 092-05-59.364W	Mo (A) W		5	Red and white stripes.	Maintained from Apr. 21 to Dec. 14.
15875	- <i>Basin Lighted Buoy 2</i>	46-46-22.244N 092-06-11.554W	FI R 4s		3	Red.	Replaced by nun from Dec. 14 to Apr. 21.
15880	- <i>Basin Lighted Buoy 3</i>	46-46-24.613N 092-05-43.103W	FI G 4s		3	Green.	Maintained from Apr. 21 to Dec. 14.
Harbor Cove Marina							
<i>Lights maintained from May 1 to Nov. 1.</i>							
15885	- LIGHT 1	46-46-21.000N 092-05-36.000W	F G			On post.	Private aid.
15890	- LIGHT 2	46-46-20.000N 092-05-34.000W	F R			On post.	Private aid.
15895	- LIGHT 3	46-46-21.000N 092-05-35.000W	F G			On post.	Private aid.
15900	- LIGHT 4	46-46-20.000N 092-05-35.000W	F R			On post.	Private aid.
Duluth Harbor							
<i>Lighted buoys maintained from Apr. 21 to Dec. 21.</i>							
15905	- <i>Basin Lighted Buoy 5</i>	46-46-03.614N 092-05-50.594W	FI G 4s		3	Green.	Maintained from Apr. 21 to Dec. 14.
15910	- Basin Anchorage Buoy A	46-46-12.213N 092-05-34.614W				Yellow can.	
15915	- Basin Anchorage Buoy B	46-45-59.380N 092-05-25.824W				Yellow can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
Duluth Harbor							
<i>Lighted buoys maintained from Apr. 21 to Dec. 21.</i>							
15920	- Basin Anchorage Buoy C	46-45-46.604N 092-05-17.214W				Yellow can.	
15925	- Basin Lighted Buoy 7	46-45-28.084N 092-05-24.694W	FI G 4s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
15930	DULUTH MARINE TERMINAL EAST LIGHT	46-45-16.000N 092-05-38.000W	F R	28 9		On white pile.	Maintained from Apr. 15 to close of navigation. Private aid.
15935	DULUTH MARINE TERMINAL SOUTH LIGHT	46-45-12.000N 092-05-40.000W	F R	28 9		On white pile.	Maintained from Apr. 15 to close of navigation. Private aid.
15940	<i>Rices Point Lighted Buoy 9</i>	46-45-13.284N 092-05-18.685W	Q G		3	Green.	Replaced by can from Dec. 14 to Apr. 21.
15945	INTERSTATE FISHING PIER EAST LIGHT	46-45-00.350N 092-05-59.800W	F R	15 5		On pile.	Maintained from Mar. 15 to Jan. 15. Private aid.
15950	INTERSTATE FISHING PIER WEST LIGHT	46-45-00.150N 092-06-01.250W	F R	15 5		On pile.	Maintained from Mar. 15 to Jan. 15. Private aid.
15955	East Gate Basin Buoy 11	46-44-57.886N 092-05-12.866W				Green can	
Rices Point Boatslip							
<i>Aids maintained from Apr. 15 to Nov. 1.</i>							
15960	- Buoy 1	46-45-02.000N 092-06-04.000W				Green can.	Private aid.
15965	- Buoy 2	46-45-02.000N 092-06-03.000W				Red nun.	Private aid.
15970	- Buoy 3	46-45-03.000N 092-06-04.500W				Green can.	Private aid.
15975	- Buoy 4	46-45-03.000N 092-06-04.200W				Red nun.	Private aid.
15980	- Buoy 5	46-45-04.000N 092-06-02.500W				Green can.	Private aid.
15985	- Buoy 6	46-45-04.000N 092-06-02.500W				Red nun.	Private aid.
Hearding Island Channel							
<i>Buoys maintained from Jun. 1 to Oct. 1.</i>							
15995	- Entrance Buoy 1	46-45-45.700N 092-05-13.800W				Green can.	Private aid.
16000	- Entrance Buoy 2	46-45-44.400N 092-05-08.300W				Red nun.	Private aid.
16005	- Entrance Buoy 4	46-45-44.800N 092-05-11.100W				Red nun.	Private aid.
16010	- Entrance Buoy 6	46-45-44.500N 092-05-12.800W				Red nun.	Private aid.
16015	ST. LOUIS BAY NORTH CHANNEL RANGE FRONT LIGHT (EASTERN SECTION)	46-44-09.200N 092-08-39.600W	Q R	41 13		KRW on skeleton tower.	
16020	ST. LOUIS BAY NORTH CHANNEL RANGE REAR LIGHT (EASTERN SECTION) 800 feet, 227° from front light.	46-44-04.000N 092-08-48.000W	Iso R 6s	61 19		KRW on skeleton tower. On same structure as St. Louis Bay South Channel Range Rear Light.	
St. Louis Bay North Channel (Western Section)							
16023	- Buoy 1	46-44-48.000N 092-06-13.400W				Green can.	
16025	- Buoy 2	46-44-39.336N 092-07-59.127W				Red nun.	
16030	- Lighted Buoy 3	46-44-35.546N 092-07-56.437W	Q G		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
16035	- Buoy 4	46-44-30.168N 092-08-12.232W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
St. Louis Bay North Channel (Western Section)							
16040	- Buoy 5	46-44-26.726N 092-08-10.137W				Green can.	
16045	- Buoy 6	46-44-20.653N 092-08-26.157W				Red nun.	
16050	- Buoy 7	46-44-18.157N 092-08-23.207W				Green can.	
16055	<i>St Louis Bay Junction Lighted Buoy</i>	46-44-14.587N 092-08-26.387W	Fl (2+1)R 6s		3	Red and green bands.	Replaced by nun from Dec. 7 to Apr. 28.
16060	Howards Bay Buoy 2	46-44-38.285N 092-06-08.526W				Red nun.	
St. Louis Bay South Channel (Eastern Section)							
16065	- Buoy 2	46-44-52.785N 092-06-24.186W				Red nun.	
16070	- <i>Lighted Buoy 2A</i>	46-44-48.502N 092-06-28.632W	Fl R 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
16075	- Buoy 3	46-44-41.333N 092-06-32.517W				Green can.	
16076	GENERAL MILLS LIGHTED TURNING CELL	46-44-38.000N 092-06-36.000W	Fl W 2s			White with orange bands and diamond worded DANGER CRIB.	Private aid.
16080	- Buoy 4	46-44-44.686N 092-06-46.886W				Red nun.	
16085	- Buoy 5	46-44-32.250N 092-07-02.964W				Green can.	
St. Louis Bay Cross Channel							
16090	- <i>Lighted Buoy 2</i>	46-44-40.563N 092-07-05.971W	Q R		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
16095	- <i>Lighted Buoy 1</i>	46-44-34.912N 092-07-38.641W	Fl G 4s		4	Green.	Replaced by can from Dec. 7 to Apr. 21.
16105	- <i>Lighted Buoy 6</i>	46-44-44.986N 092-07-23.686W	Fl R 4s		4	Red.	Replaced by nun from Dec. 7 to Apr. 21.
16115	- Buoy 8	46-44-48.796N 092-07-28.306W				Red nun.	
St. Louis Bay South Channel (Western Section)							
16120	- RANGE FRONT LIGHT	46-44-06.000N 092-08-44.060W	Q R	41		KRW on skeleton tower.	
16125	- RANGE REAR LIGHT 600 feet, 247.5° from front light.	46-44-04.000N 092-08-48.000W	Iso R 6s	61 19		KRW on skeleton tower. On same structure as St. Louis Bay North Channel Range Rear Light.	
16130	- Buoy 6	46-44-28.536N 092-07-30.545W				Red nun.	
16135	- Buoy 7	46-44-25.346N 092-07-29.977W				Green can.	
16140	- Buoy 8	46-44-24.634N 092-07-44.302W				Red nun.	
16145	- <i>Lighted Buoy 9</i>	46-44-21.056N 092-07-44.477W	Fl G 4s		4	Green.	Maintained from Apr. 28 to Dec. 7.
16150	- Buoy 10	46-44-19.776N 092-08-02.567W				Red nun.	
16155	- Buoy 11	46-44-14.956N 092-08-04.967W				Green can.	
16160	- Buoy 12	46-44-14.757N 092-08-20.027W				Red nun.	
16165	- <i>Lighted Buoy 13</i>	46-44-07.217N 092-08-25.317W	Q G		3	Green.	Maintained from Apr. 28 to Dec. 7.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
St. Louis River Upper Channel							
16175	- Entrance Buoy 1	46-44-00.507N 092-08-31.318W				Green can.	
16180	- <i>Lighted Buoy 4</i>	46-43-21.884N 092-08-39.789W	Q R		4	Red.	Replaced by nun from Dec. 7 to Apr. 28.
16185	- Buoy 5	46-43-24.407N 092-08-30.332W				Green can.	
16190	- Buoy 5A	46-43-17.297N 092-08-31.868W				Green can.	
Minnesota Channel (Eastern Section)							
16195	- RANGE FRONT LIGHT	46-43-13.010N 092-08-34.000W	FI G 4s	16 5		KRW on triangular tower.	Visible all around.
16200	- RANGE REAR LIGHT 1,020 feet, 084.5° from front light.	46-43-14.000N 092-08-21.000W	F G	39 12		KRW on white cylindrical tower.	
16205	- <i>Lighted Buoy 6</i>	46-43-12.587N 092-08-50.688W	FI R 2.5s		3	Red.	Replaced by nun from Dec. 7 to Apr. 28.
16210	- <i>Lighted Buoy 7</i>	46-43-08.853N 092-08-49.521W	Q G		4	Green.	Replaced by can Dec. 7 from to Apr. 28.
16215	- Buoy 8	46-43-11.205N 092-09-04.549W				Red nun.	
16220	- <i>Lighted Buoy 9</i>	46-43-04.887N 092-09-10.229W	FI G 4s		4	Green.	Maintained from Apr. 28 to Dec. 7.
16225	- <i>Lighted Buoy 10</i>	46-43-10.146N 092-09-17.310W	FI R 4s		3	Red.	Maintained from Apr. 28 to Dec. 7.
16230	- Buoy 13	46-43-02.997N 092-09-35.379W				Green can.	
16235	- <i>Lighted Buoy 14</i>	46-43-06.600N 092-09-22.800W	FI R 4s		4	Red.	Maintained from Apr. 28 to Dec. 7.
16240	- <i>Lighted Buoy 15</i>	46-43-01.208N 092-09-58.979W	FI G 4s		4	Green.	Maintained from Apr. 28 to Dec. 7.
16245	- Buoy 16	46-43-06.888N 092-10-04.099W				Red nun.	
16250	- <i>Lighted Buoy 19</i>	46-43-03.345N 092-10-13.811W	FI G 2.5s		4	Green.	Maintained from Apr. 28 to Dec. 7.
Minnesota Channel (Western Section)							
<i>Buoys maintained from Apr. 28 to Oct. 21.</i>							
16255	- Buoy 20	46-43-06.000N 092-10-15.000W				Red Nun.	
16260	- Buoy 21	46-43-00.420N 092-10-53.400W				Green can.	
16265	- <i>Lighted Buoy 22</i>	46-43-02.400N 092-10-53.460W	FI R 4s		3	Red.	
16270	- Buoy 23	46-42-51.540N 092-11-20.280W				Green can.	
16275	- Buoy 24	46-42-53.880N 092-11-21.300W				Red nun.	
16280	- <i>Lighted Buoy 26</i>	46-42-43.800N 092-11-39.540W	FI R 4s		3	Red.	
16285	- Buoy 27	46-42-43.320N 092-11-37.080W				Green can.	
16290	- Buoy 28	46-42-35.100N 092-11-49.440W				Red nun.	
16295	- Buoy 29	46-42-33.420N 092-11-46.980W				Green can.	
16297	- Buoy 30	46-42-17.719N 092-12-01.230W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
St. Louis River Upper Channel							
Minnesota Channel (Western Section)							
<i>Buoys maintained from Apr. 28 to Oct. 21.</i>							
16300	- Buoy 31	46-42-15.000N 092-11-58.620W				Green can.	
16305	- Buoy 32	46-42-00.120N 092-12-03.540W				Red nun.	
16308	- Buoy 33	46-41-51.489N 092-11-56.923W				Green can.	
16310	- Buoy 31A	46-41-59.460N 092-11-59.880W				Green can.	
16315	- Buoy 34	46-41-50.760N 092-12-00.240W				Red nun.	
16320	- Buoy 35	46-41-46.200N 092-11-48.360W				Green can.	
16322	- Buoy 36	46-41-45.300N 092-11-48.540W				Red nun.	
16325	- Buoy 37	46-41-45.060N 092-11-37.140W				Green can.	
16330	- Buoy 38	46-41-42.871N 092-11-35.218W				Red nun.	
St. Louis River							
<i>Buoys maintained from Apr. 28 to Oct. 21.</i>							
16335	- Buoy 40	46-41-43.800N 092-11-19.740W				Red nun.	
16340	- Buoy 42	46-41-44.940N 092-11-06.480W				Red nun.	
16345	- Buoy 43	46-41-43.682N 092-10-58.417W				Green can.	
16350	- Buoy 44	46-41-42.720N 092-10-58.080W				Red nun.	
16355	- Buoy 46	46-41-35.520N 092-10-46.200W				Red nun.	
16357	- Buoy 45	46-41-36.900N 092-10-46.200W				Green can.	
16360	- Buoy 48	46-41-22.380N 092-10-33.540W				Red nun.	
16365	- Buoy 52	46-41-08.940N 092-10-32.580W				Red nun.	
16370	- Buoy 55	46-40-51.840N 092-10-43.920W				Green can.	
16375	- Buoy 56	46-40-52.440N 092-10-44.640W				Red nun.	
16380	- Buoy 57	46-40-47.328N 092-11-04.164W				Green can.	
16385	- Buoy 58	46-40-45.000N 092-11-18.900W				Red nun.	
16390	- Buoy 59	46-40-43.980N 092-11-18.360W				Green can.	
16395	- Buoy 60	46-40-38.460N 092-11-30.300W				Red nun.	
16400	- Buoy 61	46-40-37.440N 092-11-28.800W				Green can.	
16405	- Buoy 62	46-40-22.620N 092-11-49.560W				Red nun.	
16405.5	- Buoy 62A	46-40-13.020N 092-12-01.200W				Red nun.	
16410	- Buoy 63	46-40-21.420N 092-11-47.340W				Green can.	
16415	- Buoy 64	46-40-03.840N 092-12-15.360W				Red nun.	
16420	- Buoy 65	46-40-03.600N 092-12-13.320W				Green can.	
16425	- Buoy 66	46-39-53.520N 092-12-19.740W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
DULUTH - SUPERIOR HARBOR (Chart 14975)							
St. Louis River							
<i>Buoys maintained from Apr. 28 to Oct. 21.</i>							
16430	- Buoy 67	46-39-52.980N 092-12-17.400W				Green can.	
16435	- Buoy 68	46-39-34.020N 092-12-09.840W				Red nun.	
16440	- Buoy 69	46-39-33.780N 092-12-08.520W				Green can.	
16445	- Buoy 71	46-39-09.180N 092-12-27.960W				Green can.	
16450	- Buoy 73	46-39-05.460N 092-13-12.480W				Green can.	
16455	- Buoy 75	46-39-07.740N 092-13-20.040W				Green can.	
16460	- Buoy 76	46-39-09.240N 092-13-52.020W				Red nun.	
16465	- Buoy 77	46-39-06.060N 092-14-48.660W				Green can.	
16470	- Buoy 79	46-39-11.184N 092-14-58.254W				Green can.	
16475	- Buoy 80	46-39-15.252N 092-15-38.802W				Red nun.	
16480	- Buoy 81	46-39-12.360N 092-15-40.284W				Green can.	
16485	- Buoy 83	46-39-09.120N 092-16-22.560W				Green can.	
16490	- Buoy 85	46-39-15.420N 092-16-25.020W				Green can.	
16491	Mcquade Road Small Craft Harbor Daybeacon	46-52-49.269N 091-55-12.904W				On single pole.	Maintained from Apr. 1 to Dec. 31. Private aid.
16492	MCQUADE ROAD SMALL CRAFT HARBOR LIGHT	46-52-48.022N 091-55-11.412W	FI G 4s				Maintained from Apr. 1 to Dec. 31. Private aid.
LITTLE GIRLS POINT TO SILVER BAY (Chart 14966)							
Knife River Harbor							
16495	- ENTRANCE LIGHT	46-56-38.000N 091-46-42.000W	FI G 4s	31 9	5	SG on pile.	
Two Harbors							
16500	- Light	47-00-50.330N 091-39-48.520W	FI (2)W 20s 0.15s fl 4.8s ec. 0.15s fl 14.8s ec.	78 24		Square tower on dwelling. 78	Light obscured from 065° to 210°. Private aid.
16505	- East Breakwater Light	47-00-38.190N 091-40-10.100W	FI R 6s	32 10	10	Square pyramidal skeleton tower with upper part enclosed. 32	Standby light shows FI R 5s of reduced intensity. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates by keying microphone five times on VHF-FM Ch. 79
16515	- WEST BREAKWATER LIGHT	47-00-42.430N 091-40-29.430W	FI G 4s	26 8	4	SG on post.	
16520	DULUTH MISSABE & IRON RANGE RAILWAY CO. ORE DOCK NO. 6 LIGHT	47-00-55.000N 091-40-30.000W	F R			On pile.	Private aid.
16525	Agate Bay Buoy 2	47-00-46.831N 091-40-00.967W				Red nun.	
16530	Agate Bay Buoy 4	47-00-53.821N 091-39-58.766W				Red nun.	
16535	Agate Bay Buoy 6	47-00-57.771N 091-40-12.556W				Red nun.	
16536	TWIN POINTS PROTECTED ACCESS LIGHT	47-09-54.65 N 091-25-30.250W	F R			On galvanized pipe.	Maintained from May 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
BEAVER BAY TO PIGEON POINT (Chart 14967)							
16540	NOAA Lighted Weather Buoy 45006	47-20-50.076N 089-49-30.144W	Fl (4)Y 20s			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1. Aid maintained by National Oceanic and Atmospheric Administration.
16545	PELLET ISLAND LIGHT	47-16-10.500N 091-16-03.000W	Fl G 10s	25 8			Maintained from Apr. 15 to Dec. 1. Private aid.
Silver Bay							
<i>Aids maintained from Apr. 15 to Dec. 1.</i>							
16550	- Lighted Buoy 1	47-16-22.500N 091-15-55.000W	Fl G 4s			Green.	Private aid.
16555	- Lighted Buoy 2	47-16-39.300N 091-15-41.000W	Fl R 4s			Red.	Private aid.
16560	- Lighted Buoy 3	47-16-29.200N 091-16-10.100W	Fl G 4s			Green.	Private aid.
16565	- Buoy 4	47-17-45.000N 091-15-47.500W				Red nun.	Private aid.
16570	BEAVER ISLAND LIGHT	47-16-48.300N 091-15-29.000W	Fl R 10s	20 6		Tower.	HORN: 1 blast ev 30s (3s bl). Private aid.
16575	- LEADING LIGHT	47-16-45.000N 091-15-58.400W	Fl G 4s	20 6		On black post.	Private aid.
16580	- LIGHT	47-17-11.300N 091-15-37.500W	Fl W 30s	126 38		On top of boiler house.	Private aid.
Taconite Harbor							
<i>Buoys maintained from Apr. 1 to Dec. 31.</i>							
16585	- West Entrance Lighted Buoy 1	47-31-11.800N 090-55-27.500W	Fl G 4s			Green.	Private aid.
16590	- West Entrance Lighted Buoy 2	47-31-08.700N 090-55-21.300W	Fl R 4s			Red.	Private aid.
16595	- RANGE FRONT LIGHT	47-31-32.600N 090-55-06.900W	F G	86 26		On tower.	Visible 2° each side of centerline of channel. Private aid.
16600	- RANGE REAR LIGHT 1,550 feet, 028° from front light.	47-31-47.300N 090-54-55.000W	F G	154 47		On tower.	Visible 2° each side of center- line of channel. Private aid.
16604	- HARBOR OF REFUGE SOUTH BREAKWATER LIGHT	47-31-17.099N 090-55-27.980W	Iso W 4s	22 7		NW on tower worded CAUTION.	Ra ref. Private aid.
16605	- HARBOR OF REFUGE BREAKWATER LIGHT 3	47-31-15.900N 090-55-24.710W	Fl G 4s	22 7		SG on tower.	Ra ref. Private aid.
16606	- HARBOR OF REFUGE INNER LIGHT	47-31-17.030N 090-55-24.950W	Q R	17 5		TR on tower.	Visible from 284° to 336°. Private aid.
16610	- WESTENTRANCE LIGHT 4	47-31-13.000N 090-55-16.000W	Fl R 4s	24 7		On tower.	Private aid.
16612	University Of Minnesota Research Lighted Buoy	46-51-36.000N 091-55-18.000W	Fl Y 4s			Meteorological Surface Buoy	Private aid.
Grand Marais							
16615	- Light	47-44-42.790N 090-20-16.376W	Fl W 2.5s	48 15	16	White square pyramidal skeleton tower with upper part enclosed. 48	Light Obscured from 170° to 190°. HORN: 2 blast ev 30s (2s bl-2s si-2s bl-24s si). Operates from May 1 to Oct. 20.
16625	- WEST BREAKWATER LIGHT 1	47-44-36.000N 090-20-24.000W	Fl G 4s	32 10	5	White cylindrical tower with green band.	
16630	- HARBOR INNER BREAKWATER LIGHT 7	47-44-51.800N 090-20-23.500W	Fl G 2.5s	14 4	4	SG on triangular tower.	
BEAVER BAY TO PIGEON POINT (Chart 14967)							
16635	GRAND PORTAGE BAY ENTRANCE LIGHT	47-57-11.740N 089-38-21.350W	Fl W 4s	39 12	7	NR on skeleton tower.	
16645	GRAND PORTAGE PIER LIGHT	47-57-37.000N 081-40-54.000W	Fl W 2.5s	12 4		On pile.	Maintained from Apr. 1 to Nov. 1. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
BEAVER BAY TO PIGEON POINT (Chart 14967)							
16650	<i>Hat Point Lighted Bell Buoy 1</i>	47-57-00.835N 089-38-40.350W	Fl G 4s		4	Green.	Maintained from May 28 to Oct. 14.
ISLE ROYALE (Chart 14976)							
Isle Royale							
16655	Rock Of Ages Light	47-51-59.456N 089-18-52.922W	Fl W 10s	130 40	17	White conical tower on cylindrical base.	
16660	- West End Buoy 2	47-51-00.748N 089-19-26.366W				Red nun.	
16670	Thompson Island Wreck Buoy	47-53-36.000N 089-13-18.000W				White with orange bands worded WRECK.	Maintained from Jun. 15 to Sep. 30. Private aid.
16675	WINDIGO DOCK LIGHT	47-54-47.000N 089-09-30.000W	Q R	11 3		On post.	Maintained from Jun. 15 to Sep. 30. Private aid.
16680	Cumberland Point Buoy 2	47-51-07.946N 089-14-36.981W				Red nun.	Maintained from May 28 to Oct. 14.
Siskiwit Bay Passage							
16685	- <i>Lighted Bell Buoy SB</i>	47-53-46.800N 088-53-06.650W	Mo (A) W		7	Red and white stripes.	Maintained from May 28 to Oct. 14.
16690	- Buoy 1	47-53-54.633N 088-53-13.704W				Green can.	
16695	- Buoy 2	47-53-55.340N 088-53-09.765W				Red nun.	
16700	- Buoy 3	47-54-03.807N 088-53-17.120W				Green can.	
ISLE ROYAL (Chart 14967)							
16705	Harlem Reef Buoy 2	47-54-00.920N 088-50-12.540W				Red nun.	Maintained from May 28 to Oct. 14.
ISLE ROYALE (Chart 14976)							
16710	ISLE ROYALE LIGHT	47-56-52.650N 088-45-40.340W	Fl W 6s	72 22	9	White octagonal tower with dwelling attached.	
Malone Bay							
<i>Buoys maintained from May 28 to Oct. 14.</i>							
16715	- Entrance Buoy 2	47-58-22.810N 088-47-34.900W				Red nun.	
16720	- Entrance Buoy 3	47-58-24.000N 088-47-52.240W				Green can.	
16725	- Buoy 4	47-58-43.724N 088-48-16.670W				Red nun.	
16730	- Buoy 5	47-58-39.970N 088-48-17.240W				Green can.	
16745	Chippewa Harbor Daybeacon	48-01-45.600N 088-38-12.000W				NW on post.	Private aid.
Rock Harbor							
16750	Barge Cove Buoy A	48-06-50.000N 088-32-07.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16755	Barge Cove Buoy B	48-06-49.000N 088-32-08.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16757	Dollar Bay Entrance Buoy 2	48-06-18.000N 088-22-10.000W				Red nun.	Maintained from Jun. 15 to Sep. 15. Private aid.
16760	MOTT ISLAND DOCK LIGHT	48-06-28.000N 088-32-59.000W	Q R	10 3		On post.	Maintained from Jun. 15 to Sep. 30. Private aid.
16765	SNUG HARBOR DOCK LIGHT	48-08-46.000N 088-29-12.000W	Q R	12 4		On post.	Maintained from Jun. 15 to Sep. 30. Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
ISLE ROYALE (Chart 14976)							
Malone Bay							
Rock Harbor							
16766	Windigo Water Intake Buoy	47-54-38.000N 089-09-35.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16770	<i>Middle Island Passage Lighted Bell Buoy 2</i>	48-05-26.909N 088-34-19.899W	Fl R 4s		4	Red.	Replaced by nun from Oct 14 to May 28.
16775	Middle Island Passage Buoy 1	48-05-30.227N 088-34-25.650W				Green can.	
16780	Middle Island Passage Buoy 3	48-05-33.038N 088-34-30.103W				Green can.	
16785	Saginaw Point Daybeacon	48-03-36.000N 088-34-40.000W				NW on post.	Private aid.
16790	Mott Island Shoal East Buoy	48-06-22.000N 088-33-06.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16795	Mott Island Shoal West Buoy Marks rock ledge.	48-06-21.000N 088-33-10.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16800	Daisy Farm East Buoy Marks reef.	48-05-31.000N 088-35-39.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16805	Daisy Farm West Buoy	48-05-30.000N 088-35-37.000W				White with orange bands; can.	Maintained from Jun. 15 to Sep. 15. Private aid.
16810	Mccargoe Cove Entrance Buoy 1	48-06-52.000N 088-41-11.000W				Green can.	Maintained from Jun. 15 to Sep. 30. Private aid.
16815	Mccargoe Cove Entrance Buoy 2	48-06-49.000N 088-41-06.000W				Red nun.	Maintained from Jun. 15 to Sep. 30. Private aid.
16820	Blake Point Light	48-11-28.348N 088-25-20.541W	Fl W 2.5s	40	12	NR on skeleton tower.	
16825	Blake Point Five-Foot Shoal Buoy D Marks south side of shoal.	48-11-16.736N 088-24-09.904W				Black, red and black bands; can.	Maintained from May 28 to Oct. 14.
16830	Locke Point Buoy 2	48-11-16.899N 088-27-11.170W				Red nun.	Maintained from May 28 to Oct. 14.
GRAND PORTAGE BAY TO SHESHEEB POINT (Chart 14968)							
16835	Passage Island Light	48-13-25.321N 088-21-56.073W	Fl W 5s	78	17	Octagonal tower.	RACON: G (– – •). HORN: 1 blast ev 30s (3s bl). Operates year round. Fog signal can be activated by keying VHF-79 five consecutive times.
16845	Caribou Island Light (C)	47-20-24.000N 085-49-30.000W	Fl W 15s 1s fl 14s ec.	99	20	Hexagonal structure.	RACON: C (– • – •). Emergency light. Seasonal.
16850	<i>NOAA Lighted Weather Buoy 45004</i>	47-33-19.800N 086-32-10.200W	Fl (4)Y 20s			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1. Aid maintained by National Oceanic and Atmospheric Administration.
16855	Michipicoten Harbor Light (C)	47-56-36.000N 084-54-24.000W	Fl W 30s	88	18	Skeleton tower.	Seasonal. HORN: 2 blasts ev 60s (3s bl). Horn points 210°. Operates by keying mike 5 times on VHF-FM Ch. 19. Emergency light.
16865	Slate Islands Light (C)	48-37-18.000N 086-59-48.000W	Oc W 10s fl 5s ec.	224	23	White tower.	Emergency light.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
LAKE SUPERIOR							
GRAND PORTAGE BAY TO SHESHEEB POINT (Chart 14968)							
16870	Battle Island Light (C)	48-45-06.000N 087-33-24.000W	Fl (3) W 24s fl 4s ec. fl 4s ec. fl 16s ec.	118 36	15	Tower.	Emergency light.
16880	<i>NOAA Lighted Weather Buoy 45001</i>	48-03-49.451N 087-46-37.512W	Fl (4)Y 20s		4	Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1. Aid maintained by National Oceanic and Atmospheric Administration.
16885	Point Parphyry Light (C)	48-20-25.000N 088-38-53.000W	Fl W 10s 1s fl 9s ec.	82 25	17	White slatted daymark on tower.	Fixed white between flashes. Emergency light.
16890	Trowbridge Island Light (C)	48-17-32.000N 088-52-30.000W	Fl W 5s	114 35	18	White octagonal tower.	Emergency light.
16895	Angus Island Light (C)	48-14-12.000N 089-00-24.000W	Fl W 20s	81 25	18	Skeleton tower on four concrete piers.	Emergency light.
Thunder Bay							
16905	THUNDER CAPE LIGHT (C)	48-18-06.000N 088-56-18.000W	Fl W 4s	35 11	6	Red and white rectangular daymark on tower.	
16910	JARVIS ROCK LIGHT (C)	48-06-12.000N 089-17-36.000W	Fl W 4s	40 12	6	Red and white rectangular daymark on mast.	
16915	- (Main) Light (C)	48-26-00.000N 089-11-42.000W	Fl R 5s	49 15	14	White square tower.	Floodlighted. HORN: 3 blasts ev 60s (2s bl-3s si-2s bl-3s si-2s bl-48s si). Operates by keying the microphone five times on VHF-FM Ch. 79. Emergency light.
MINNESOTA-ONTARIO BORDER LAKES							
BIG TRAVERSE BAY (CHART 6211) (C)							
16925	PENASSE ISLAND LIGHT (C)	49-22-18.000N 094-57-30.000W	Fl W 4s	37 11	6	Red and white rectangular daymark on circular mast.	Visible from 181° to 076°.
16930	<i>Pine Creek Lighted Buoy 2</i>	49-21-08.800N 095-03-33.700W	Fl R 4s		3	Red.	
16932	Pine Creek Buoy 3	49-20-55.900N 095-03-31.900W				Green can.	
16935	Pine Creek Buoy 4	49-20-51.000N 095-03-35.100W				Red nun.	
16940	<i>Crow Creek Lighted Buoy 1</i>	49-21-18.900N 095-04-19.800W	Fl G 4s		4	Green.	
16945	Crow Creek Buoy 2	49-21-13.000N 095-04-29.700W				Red nun.	
16947	<i>Youngs Bay Lighted Buoy 1</i>	49-20-46.900N 094-57-51.600W	Fl G 6s		4	Green.	
16950	Brush Island Buoy 2	49-20-32.700N 094-55-46.200W				Red nun.	
16955	Flag Island Buoy 2	49-20-07.000N 094-53-02.000W				Red nun.	
16960	Flag Island Buoy 3	49-20-06.000N 094-52-57.500W				Green can.	
16963	DRIFTWOOD POINT LIGHT	49-12-46.000N 094-56-45.000W	Fl W 6s	35 11	3	NR on skeleton tower.	
16965	<i>Flag Island Lighted Buoy 4</i>	49-20-06.000N 094-52-58.500W	Fl R 4s		3	Red.	Maintained from May 7 to Nov. 1.
16970	BOUCHA ISLAND LIGHT (C)	49-17-42.000N 094-49-12.000W	Fl W 4s	38 12	6	Green and white banded daymark on mast.	
16975	OAK ISLAND LIGHT 1	49-18-08.880N 094-53-07.400W	Fl G 4s	39 12	3	SG on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINNESOTA-ONTARIO BORDER LAKES							
BIG TRAVERSE BAY (CHART 6211) (C)							
16976	Oak Island Buoy 4	49-18-17.100N 094-49-23.760W				Red nun.	Maintained from May 7 to Oct. 14.
16977	Oak Island Buoy 2	49-18-37.000N 094-49-27.200W				Red nun.	Maintained from May 7 to Oct. 14.
16980	Sugar Point Rock Buoy 2	49-17-35.300N 094-54-14.900W				Red nun.	Maintained from May 7 to Oct. 14.
16985	Stony Point Reef Buoy 2	49-08-09.500N 095-07-14.500W				Red nun.	Maintained from May 7 to Oct. 14.
16990	BIRCH POINT LIGHT (C)	49-09-54.000N 095-14-00.000W	FI W 4s	23 7		Fluorescent red and white banded rectangular daymark on mast.	
16995	<i>Buffalo Point Marina Entrance Lighted Buoy</i> (C)	49-02-30.000N 095-13-42.000W	Mo (A) W			Red and white stripes.	
17000	BUFFALO POINT LIGHT (C)	49-00-00.000N 095-13-54.000W	FI W 4s	35 11	6	Red and white banded diamond daymark on mast.	
17005	<i>Warroad Lighted Buoy 2</i>	48-54-55.500N 095-17-08.700W	FI R 4s		3	Red.	Maintained from May 7 to Nov. 1.
17010	WARROAD JETTY LIGHT 4	48-54-30.167N 095-17-46.640W	FI W 4s	38 12	3	TR on post.	
17011	<i>Warroad Lighted Buoy "3"</i>	48-54-27.540N 095-17-45.600W	FI G 4s		3	Green.	Maintained from May 7 to Nov. 1.
17013	Warroad Buoy "5"	48-54-24.420N 095-17-51.000W				Green can.	Maintained from May 7 to Nov. 1.
17015	WARROAD RANGE FRONT LIGHT	48-54-03.780N 095-18-20.950W	F G	35 11		KRW on black skeleton tower.	Visible on range line.
17020	WARROAD RANGE REAR LIGHT 1,050 feet, 223° from front light.	48-53-56.050N 095-18-33.000W	Oc W 4s	60 18		KRW on skeleton tower.	Visible 15° each side of range line.
17025	GULL ROCK LIGHT	48-59-02.170N 095-03-33.530W	FI W 4s	17 5	3	NR on skeleton tower.	
17030	Long Point East Shoal Buoy 1	48-58-08.300N 094-55-53.900W				Green can.	
Zipple Bay							
17035	- <i>Lighted Buoy 1</i>	48-52-46.700N 094-51-07.000W	FI G 4s		3	Green.	Maintained from May 7 to Nov. 1.
17040	- LIGHT 2	48-52-24.000N 094-51-10.000W	FI R 2.5s	30 9	3	White cylindrical tower.	
17045	- LIGHT 3	48-52-18.000N 094-51-00.000W	FI G 2.5s	28 9	3	SG on post.	
17050	BRULE POINT LIGHT Marks rocks. (C)	49-07-54.000N 094-20-06.000W	FI W 4s	30 9	6	Red and white rectangular daymark with black square in center on post.	
17055	ROCKY POINT LIGHT (C)	48-57-30.000N 094-32-18.000W	FI W 4s	25 8	9	White daymark on post.	
17060	BURTON ISLAND LIGHT (C)	48-57-00.000N 094-37-00.000W	FI W 4s	35 11	6	Florescent red and white rectangular daymark with black square in center on skeleton tower.	
17065	<i>Bell Buoy Shoal Lighted Buoy</i> (C)		FI G 4s			Green.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINNESOTA-ONTARIO BORDER LAKES							
BIG TRAVERSE BAY (CHART 6211) (C)							
Zipple Bay							
17070	OAK POINT LIGHT	48-52-35.000N 094-41-10.500W	Fl W 6s	34 10	3	NR on skeleton tower.	
Four Mile Bay							
17073	- Lighted Buoy 1	48-53-06.800N 094-41-12.600W	Fl G 6s		4	Green.	
17075	- Buoy 2	48-52-59.800N 094-41-12.300W				Red nun.	
17077	- Buoy 4	48-52-53.400N 094-41-05.400W				Red nun.	
17079	- Buoy 6	48-52-43.500N 094-48-55.800W				Red nun.	
17079.1	- Buoy 7	48-52-47.000N 094-40-55.800W				Green can.	
17080	- Buoy 8	48-51-33.100N 094-41-27.300W				Red nun.	
17083	- Lighted Buoy 9	48-51-15.900N 094-41-31.000W	Fl G 4s		4	Green.	
17085	Rainy River Buoy 10	48-51-08.400N 094-41-34.000W				Red nun.	
17087	WHEELER POINT LIGHT 12	48-50-24.257N 094-41-13.968W	Fl R 4s	20 6	3	TR on skeleton tower.	
17089	Wheeler Point Buoy 14	48-50-18.200N 094-41-21.100W				Red nun.	
Baudette Harbor							
17095	- Buoy 1	48-43-04.100N 094-35-29.300W				Green can.	
17100	- Buoy 2	48-43-03.600N 094-35-30.400W				Red nun.	
17105	- Buoy 3	48-42-50.600N 094-35-45.700W				Green can.	
17110	- Buoy 4	48-42-50.700N 094-35-47.300W				Red nun.	
17115	- Buoy 5	48-42-49.800N 094-35-46.900W				Green can.	
17120	- Buoy 6	48-42-51.100N 094-35-48.200W				Red nun.	
RAINY LAKE - INTERNATIONAL FALLS TO DRYWEED ISLAND (Chart 14998)							
17125	FORT FRANCES RANIER BRIDGE LIGHT (C)	48-36-48.000N 093-22-00.000W	Fl G 4s	28 9		On post.	
17140	Rainy Lake Buoy 2	48-37-07.000N 093-20-49.900W				Red nun.	
17145	Rainy Lake Buoy 3	48-38-12.700N 093-15-48.300W				Green can.	
17150	FRANSEN ISLAND LIGHT 2A	48-37-39.670N 093-15-04.970W	Fl R 4s	20 6	3	TR on skeleton tower.	
17155	Red Sucker Island Buoy 4	48-37-51.900N 093-11-38.600W				Red nun.	
17160	Red Sucker Island Buoy 6	48-37-32.700N 093-11-04.800W				Red nun.	
17165	BALD ROCK LIGHT	48-37-26.580N 093-10-53.780W	Fl W 4s	35 11	3	NB on skeleton tower.	
17170	Rainy Lake Buoy 7	48-33-36.200N 093-06-48.200W				Green can.	
RAINY LAKE - DRYWEED ISLAND TO BIG ISLAND (Chart 14997)							
17175	Rainy Lake Buoy 8	48-37-24.000N 093-05-07.800W				Red nun.	
17180	CAPSTAN REEF LIGHT (C)	48-38-06.000N 093-03-00.000W	Fl W 4s	17 5	6	White structure.	Ra ref.
17185	Olsons Reef Buoy 10OR	48-36-57.900N 092-59-34.900W				Red nun.	
RAINY LAKE - INTERNATIONAL FALLS TO DRYWEED ISLAND (Chart 14998)							
17190	ROBERTS ISLAND LIGHT 2	48-37-08.830N 093-15-57.520W	Fl R 4s	27 8	3	TR on skeleton tower.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINNESOTA-ONTARIO BORDER LAKES							
RAINY LAKE - INTERNATIONAL FALLS TO DRYWEED ISLAND (Chart 14998)							
Canoe Channel							
17195	- Daybeacon 4 Marks rocks.	48-36-58.150N 093-15-37.240W				TR on skeleton tower.	
17200	- Daybeacon 5 Marks rock.	48-36-57.740N 093-15-28.060W				SG on skeleton tower.	
17205	- Buoy 7 Marks rock.	48-36-54.700N 093-15-01.900W				Green can.	
17210	- Daybeacon 8 Marks rock.	48-36-51.060N 093-14-51.230W				TR on skeleton tower.	
17215	- Daybeacon 10 Marks rock awash.	48-36-38.590N 093-14-15.680W				TR on skeleton tower.	
17220	- Daybeacon 12	48-36-28.950N 093-13-53.790W				TR on skeleton tower.	
17225	- Buoy 14	48-36-26.000N 093-13-15.600W				Red nun.	
17230	- Daybeacon 15 Marks submerged rock.	48-36-31.610N 093-12-25.770W				SG on skeleton tower.	
17235	- Buoy 16 Marks rock.	48-36-33.700N 093-11-06.600W				Red nun.	
17240	- LIGHT 17 Marks shoal.	48-36-27.550N 093-10-54.880W	FI G 2.5s	21 6	3	SG on skeleton tower.	
17245	Fraser Island Buoy 17A Marks south side of shoal.	48-36-14.000N 093-09-33.600W				Green can.	
17250	Big American Island Daybeacon 19	48-36-14.800N 093-09-01.240W				SG on pile.	
17252	- Buoy 20	48-36-16.237N 093-07-51.473W				Red nun.	
17255	South Shore Buoy 1	48-36-23.700N 093-06-05.700W				Green can.	
RAINY LAKE - DRYWEED ISLAND TO BIG ISLAND (Chart 14997)							
17260	South Shore Buoy 3	48-36-29.700N 093-05-00.100W				Green can.	
17265	South Shore Buoy 5	48-36-20.700N 093-04-30.500W				Green can.	
17267	South Shore Buoy 6	48-36-15.798N 093-04-30.979W				Red nun.	
17270	South Shore Buoy 7	48-36-22.400N 093-02-57.200W				Green can.	
17275	South Shore Buoy 8	48-36-21.400N 093-01-40.100W				Red nun.	
17277	South Shore Buoy 9	48-36-29.424N 093-01-28.920W				Green can.	Maintained from May 7 to Oct 14.
17280	South Shore Buoy 10	48-36-13.300N 092-59-49.700W				Red nun.	
17285	<i>Rainy Lake Lighted Buoy 12</i>	48-36-25.863N 092-57-37.017W	FI R 4s		4	Red.	
17290	Rainy Lake Buoy 13	48-36-26.200N 092-57-35.600W				Green can.	
17295	Rainy Lake Buoy 15	48-36-23.700N 092-57-13.100W				Green can.	
17300	Rainy Lake Buoy 16	48-36-22.200N 092-56-32.600W				Red nun.	
17305	MACKENZIE ISLAND LIGHT (C)	48-36-30.000N 092-56-24.000W	FI W 4s	26 8	6	White diamond daymark on post.	Visible from 290° to 110°.
Brule Narrows							
17310	- Buoy 18	48-36-15.600N 092-55-35.100W				Red nun.	
17315	- Buoy 19	48-36-15.100N 092-55-29.700W				Green can.	
17320	- Buoy 20	48-36-05.200N 092-55-12.800W				Red nun.	
17325	- Buoy 22	48-36-03.700N 092-55-08.700W				Red nun.	
17330	- Buoy 24	48-36-03.200N 092-55-06.000W				Red nun.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINNESOTA-ONTARIO BORDER LAKES							
RAINY LAKE - DRYWEED ISLAND TO BIG ISLAND (Chart 14997)							
Brule Narrows							
17335	- Buoy 26	48-35-53.300N 092-54-47.200W				Red nun.	
17340	BRULE ISLAND LIGHT (C)	48-35-48.000N 092-54-00.000W	FI W 4s	22 7	5	Lattice tower on concrete base.	
17345	- Buoy 28	48-35-43.300N 092-53-55.100W				Red nun.	
17350	- Buoy 29	48-35-40.200N 092-53-45.400W				Green can.	
17355	- Buoy 29A	48-35-33.300N 092-53-40.700W				Green can.	
17360	- Buoy 30	48-35-30.900N 092-53-40.800W				Red nun.	
17365	- Buoy 31	48-35-31.700N 092-53-38.900W				Green can.	
17367	Soldiers Point Daybeacon 30a	48-26-30.000N 092-30-50.000W				TR on skeleton tower.	
17370	- <i>Lighted Buoy 32</i>	48-35-29.200N 092-53-39.000W	FI R 4s		4	Red.	
17375	RAINY LAKE LIGHT 34	48-33-33.860N 092-53-14.470W	FI R 4s	5 2	3	TR on skeleton tower.	
17380	Hitchcock Bay Buoy 35	48-33-09.500N 092-53-11.500W				Green can.	
17385	Hitchcock Bay Buoy 35A	48-32-53.400N 092-53-03.800W				Green can.	
17390	Hitchcock Island Daybeacon 36	48-32-47.000N 092-53-13.000W				TR on skeleton tower.	
RAINY LAKE - BIG ISLAND TO OAK POINT ISLAND (Chart 14996)							
Rainy Lake							
17395	GULL ROCKS LIGHT Marks rock. (C)	48-33-48.000N 092-46-36.000W	FI W 4s	29 9		White rectangular daymark on mast.	
17400	- Buoy 37	48-32-22.700N 092-45-02.700W				Green can.	
17405	- Buoy 38	48-32-16.800N 092-39-50.500W				Red nun.	
17410	- Buoy 39	48-32-10.200N 092-38-38.700W				Green can.	
17415	- Buoy 41	48-31-25.970N 092-37-47.188W				Green can.	
17420	SURVEYOR'S ISLAND LIGHT 43	48-31-03.280N 092-37-41.110W	FI G 4s		4	SG on skeleton tower.	
Kettle Channel							
17425	- Buoy 2	48-31-02.100N 092-37-43.000W				Red nun.	
17430	- Buoy 4	48-30-45.200N 092-37-32.300W				Red nun.	
17435	- Buoy 6	48-30-38.600N 092-37-40.700W				Red nun.	
17440	- Buoy 7	48-30-24.300N 092-37-52.700W				Green can.	
17445	- Buoy 8	48-30-06.400N 092-37-45.100W				Red nun.	
EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)							
Namakan Lake							
17450	Mica Island Daybeacon 2	48-29-47.670N 092-41-38.290W				TR on skeleton tower.	
17455	Mica Island Daybeacon 2A	48-29-47.500N 092-41-45.000W				TR on skeleton tower.	
17460	Squaw Narrows Daybeacon 4	48-29-00.820N 092-42-10.230W				TR on skeleton tower.	
17465	Gagnon Island Buoy 5	48-28-47.500N 092-42-27.500W				Green can.	
17470	Gagnon Point Daybeacon 6	48-28-21.847N 092-43-11.545W				TR on skeleton tower.	
17475	Arrowhead Island Buoy 7	48-28-17.600N 092-43-01.600W				Green can.	

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINNESOTA-ONTARIO BORDER LAKES							
EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)							
Namakan Lake							
17480	Alden Island Buoy 9	48-28-02.600N 092-43-01.700W				Green can.	
17485	Bivo Island Daybeacon 11	48-27-42.510N 092-42-51.020W				SG on skeleton tower.	
17490	Bivo Island Buoy 13	48-27-39.000N 092-42-51.500W				Green can.	
17495	- Buoy 14	48-27-32.500N 092-42-48.500W				Red nun.	
17500	- Buoy 16	48-27-16.800N 092-43-17.500W				Red nun.	
17505	Kubel Island Buoy 18	48-27-15.100N 092-43-37.500W				Red nun.	
17510	Sexton Island Buoy 20	48-26-54.600N 092-44-51.600W				Red nun.	
17515	Cemetery Island Buoy 22	48-26-47.400N 092-45-27.700W				Red nun.	
17520	Sweetnose Island Daybeacon 23	48-26-39.590N 092-46-30.850W				SG on skeleton tower.	
17525	Sweetnose Island Buoy 24	48-26-42.300N 092-46-36.900W				Red nun	
17530	- Daybeacon 26 Marks rock awash.	48-26-18.000N 092-47-06.000W				TR on post.	
17535	- <i>Lighted Buoy 27</i>	48-25-50.680N 092-47-38.311W	FI G 4s		3	Green.	
Kabetogama Lake							
17540	- Buoy 29	48-26-10.700N 092-48-35.500W				Green can.	
17545	- Buoy 31	48-26-15.000N 092-51-00.800W				Green can.	
17550	- Warning Daybeacon	48-26-10.000N 092-51-00.000W				NW on post.	
17555	- Buoy 32	48-26-21.700N 092-53-03.500W				Red nun.	
17560	Green Island Buoy 34	48-26-24.700N 092-53-53.900W				Red nun.	
17565	Feedem Island Buoy 36	48-27-00.800N 092-55-20.700W				Red nun.	
17570	Knox Island Daybeacon 37	48-27-01.220N 092-55-48.230W				SG on skeleton tower.	
17575	- Junction Buoy	48-27-13.100N 092-56-11.100W				Green and red bands; can.	
17580	- Buoy 38	48-27-52.600N 092-57-43.500W				Red nun.	
17585	- Buoy 39	48-28-02.000N 092-58-17.900W				Green can.	
17590	Pin Cherry Buoy 38A	48-28-26.500N 092-58-59.500W				Red nun.	
WESTERN KABETOGAMA LAKE (Chart 14995)							
Kabetogama Lake							
17595	- Buoy 40	48-28-51.600N 093-00-26.400W				Red nun.	
17600	- Buoy 42	48-28-46.000N 093-00-48.200W				Red nun.	
17605	- Buoy 44	48-29-18.000N 093-03-33.800W				Red nun.	
EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)							
17610	Martin Island Buoy 1	48-27-24.300N 092-59-03.600W				Green can.	
WESTERN KABETOGAMA LAKE (Chart 14995)							
17615	Ram Island Buoy 4	48-28-24.200N 093-01-58.800W				Red nun.	
17620	VOYAGEURS NATIONAL PARK BREAKWATER LIGHT	48-26-32.500N 093-01-46.000W	Q R	25 8		TR on post.	Private aid.

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
MINNESOTA-ONTARIO BORDER LAKES							
EASTERN KABETOGAMA LAKE AND WESTERN NAMAKAN LAKE (Chart 14994)							
17625	Namakan Island Daybeacon N Marks bifurcation of Namakan and Kabetogama Lakes.	48-27-06.000N 092-42-48.000W				NR on skeleton tower.	
17630	Fox Island Daybeacon 4	48-26-12.000N 092-39-59.000W				TR on skeleton tower.	
17635	Randolph Island Buoy 6	48-25-59.800N 092-42-27.500W				Red nun.	
17640	Pike Island Daybeacon 8	48-26-08.000N 092-35-43.000W				TR on skeleton tower.	
NAMAKAN LAKE - EASTERN PART (Chart 14993)							
17645	YOUR ISLAND LIGHT 9	48-26-29.000N 092-30-50.000W	FI G 6s	25 8	3	SG on skeleton tower.	
17650	Your Island Buoy 10	48-26-21.600N 092-30-19.100W				Red nun.	
17655	Namakan Narrows Daybeacon 12	48-26-11.000N 092-29-43.000W				TR on skeleton tower.	
17660	Namakan Narrows Daybeacon 14	48-25-31.500N 092-28-51.000W				TR on skeleton tower.	
17665	Sand Point Buoy 16	48-24-56.400N 092-27-51.400W				Red nun.	
17670	Sand Point Buoy 18	48-24-38.200N 092-27-24.200W				Red nun.	
17675	Burnt Island Daybeacon 20	48-24-10.000N 092-27-30.000W				TR on skeleton tower.	
17680	Sand Point Buoy 22	48-22-01.800N 092-28-42.300W				Red nun.	
SAND POINT LAKE TO LAC LA CROIX (Chart 14992)							
17685	King Williams Narrows Buoy 24	48-20-05.100N 092-27-55.500W				Red nun.	
17690	King Williams Narrows Buoy 25	48-19-49.800N 092-27-56.700W				Green can.	
17695	King Williams Narrows Buoy 27	48-19-39.500N 092-27-52.200W				Green can.	
17700	Crane Lake Buoy 28	48-17-58.000N 092-28-09.800W				Red nun.	
17705	Crane Lake Buoy 29	48-17-35.000N 092-28-17.100W				Green can.	
17710	Indian Island Buoy 30	48-17-30.700N 092-27-56.900W				Red nun.	
17715	Bear Island Buoy 32	48-16-40.600N 092-28-07.500W				Red nun.	
LAKE MICHIGAN							
DE TOUR PASSAGE TO WAUGOSHANCE POINT (Chart 14881)							
17720	ST HELENA LIGHT	45-51-17.986N 084-51-48.931W	FI W 6s	71 22	6	White conical tower connected to dwelling.	
17725	St Helena Southeast Shoal Buoy 1	45-50-59.366N 084-51-16.728W				Green can.	
17730	St Helena Shoal Buoy SHS Marks south side of shoal.	45-51-46.699N 084-55-25.241W				Red and green bands; nun.	
WAUGOSHANCE POINT TO SEUL CHOIX POINT (Chart 14911)							
17735	Manitou Paymen Shoal Buoy 2 Marks southwest side of shoal.	45-57-29.829N 085-04-36.215W				Red nun.	
17740	<i>New Shoal Lighted Buoy 1</i>	45-49-16.280N 085-05-16.788W	FI G 4s		5	Green.	Maintained from Apr. 21 to Dec. 14.
17745	<i>New Shoal Lighted Bell Buoy 3</i>	45-48-53.619N 085-08-00.517W	FI G 2.5s		4	Green.	Replaced by can from Dec. 14 to Apr. 21.
17750	White Shoal Light Marks east side of shoal.	45-50-30.074N 085-08-08.420W	FI W 5s	125 38	11	Red and white spiral bands on conical crib. 125	RACON: K (- • -). HORN: 1 blast ev 30s (3s bl).