

NAVIGATION LIGHT SELECTION CHART

For Commercial Power Driven Vessels Over 20 Meters (65.6 ft.) In Length

This Chart is Provided as a guide for Light Selection, Not Positioning. Refer to the 72 COLREGS and the U.S. Inland Navigation Rules for Positioning Details. Depending Upon the Activity of the Vessel, It May be Required to Carry a Combination of Several of the Types of Lights Listed Below. Consult your Local U.S. Coast Guard Office for Specific Vessel Requirements.
Refer to Product Listings for Specific Visibility Arc and Range Requirements.

VESSEL ACTIVITY	VESSEL SIZE	LIGHTING CODES
Power Driven, underway and making way	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length	SL, SN, M
Power Driven, underway and making way	Vessels over 50 Meters (164.00 ft.) in length	SL, SN, M, MR
Towing by pushing ahead (COLREGS)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length Barges	SL, SN, 2M SL, SN, 2M, MR SL
Towing by pushing ahead (Inland) NOTE: Tug and Barge rigidly connected in a composite unit Same as power driven vessel above	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length Barges	SL, 2T, 2M SL, 2T, 2M, MR SL
Towing Alongside (COLREGS)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length Barges	SL, SN, 2M SL, SN, 2M, MR SL, SN
Towing Alongside (Inland)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length Barges	SL, 2T, 2M SL, 2T, 2M, MR SL, SN, SF
Towing Astern, tow length less than 200 meters (656.0 ft.) in length	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length Barges	SL, T, 2M SL, T, 2M, MR SL, SN
Towing Astern, tow length over 200 meters (656.0 ft.) in length	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length Barges	SL, T, 3M SL, T, 3M, MR SL, SN
Fishing, engaged, underway and making way with nets or lines astern	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length	SL, SN, RW SL, SN, 3M, RW
Fishing, engaged, underway and making way "Trawling" dragging a dredge net	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length	SL, SN, GW SL, SN, 3M, GW
Fishing, engaged, underway and making way with an obstruction over the side more than 150 meters (492.0 ft.)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length	SL, SN, RW, W SL, SN, MR, RW, W
Fishing, engaged, not making way or at anchor	Vessels of any length	RW
Restricted in maneuverability making way	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length	SL, SN, M, RWR SL, SN, MR, RWR
Restricted in maneuverability not making way	Vessels of any length	RWR
Restricted in maneuverability not making way with an obstruction over the side	Vessels of any length. Obstruction such as a pipeline	RWR, 2R, 2G Y (See COLREGS for Details)
Restricted in maneuverability and towing	See "Towing" above for running and towing light requirements	RWR
At Anchor	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels 50 Meters (164.00 ft.) to 100 Meters (328.0 ft.) in length Vessels over 100 Meters (328.0 ft.) in length	W W, W/A W, W/A, WL
Not under command and making way	Vessels of any length	SL, SN, 2R
Not under command and not making way	Vessels of any length	2R
Aground	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length Vessels over 50 Meters (164.00 ft.) in length	W, 2R W, W/A, 2R
Pilot vessel engaged in pilotage duty	Vessels of any length	SL, SN, WR
Pilot vessel at anchor	Vessels of any length	W, WR

KEY TO LIGHTING CODES

SL Side Lights (Red & Green)	T Towing Light mounted vertically above a Stern Light	W White All-Round Light
SN Stern Light	2T 2 Towing Lights mounted in a vertical line	W/A White All-Round Light forward and above anchor light astern
M Masthead Light	GW Green All-Round Light mounted vertically above a White All-Round Light	WR White All-Round Light mounted vertically above a Red All-Round Light
MR Masthead "Range" Light	RW Red All-Round Light mounted vertically above a White All-Round Light	SF Special Flashing Yellow Barge Light
2M 2 Masthead Lights mounted in a vertical line	RWR 3 All-Round Lights mounted vertically, the highest and lowest being red and the middle being white.	YA Yellow All-Round Light
3M 3 Masthead Lights mounted in a vertical line		WL Working Lights that illuminate the deck
2R 2 Red All-Round Lights mounted in a vertical line		
2G 2 Green All-Round Lights mounted in a vertical line		



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