

tech notescutter

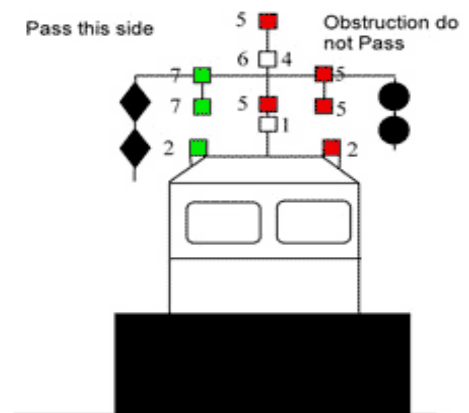
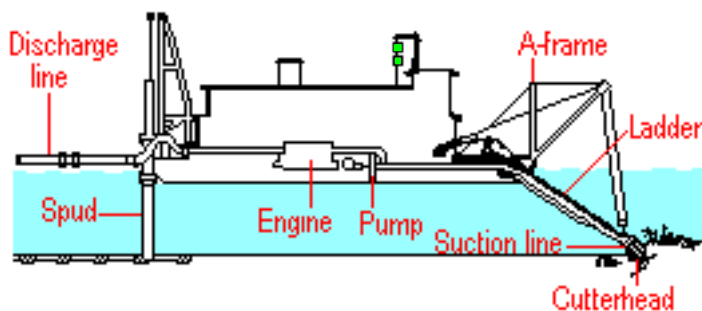
DAY SHAPES AND LIGHTS ON CUTTER DREDGE – Jenna Libby

Great Lakes Dredge & Dock hydraulic cutterhead dredges work in busy shipping channels around the United States and abroad. This work always poses a special risk while working around commercial and pleasure craft that use the channel. To let passing ships know what the dredge is doing and what side to pass on day shapes and lights are used as per the USCG regulations. Below is a review of what the dredges show and how to navigate around them.

A vessel involved in dredging or underwater construction that has an obstruction on one side (such as pipe lines, suction lines or cutter arm) will warn approaching vessels away from that side by displaying two black balls during the day, one over the other. At night, the vessel will show two all around red lights in a vertical line.

On the opposite side, if there is no obstruction; the dredge would carry two diamond shapes during the day, one over the other. ("Diamonds are a girls best friend") At night, the vessel will show two all around green lights in a vertical line as an indication that this is the safe side to pass.

Vessels Restricted in their ability to Maneuver Dredging or Underwater Operations



Lights

- | | |
|-----------------------------------|--------------------------|
| 1. Masthead (whilst making way) | 5. All Round Red Light |
| 2. Sidelights (whilst making way) | 6. All Round White Light |
| 3. Sternlight (whilst making way) | 7. All Round Green Light |
| 4. Anchor light (when anchored) | |