

Towers, beacons, buoys, spindles, and all other aids to navigation, arranged in regular order as they are passed by vessels entering from sea, to mark the entrance from the eastward into Dry Tortugas Harbor, Florida.

Name of station or locality of aid.	Color of aid.	Number, if a buoy.	Description of mark or aid.	Bearings of prominent objects from buoy, spindle, or beacon, by compass.	Depth at low water or spring tides, in feet of fathoms.	General remarks, sailing directions, and other information necessary or useful to mariners.
Southeast Point of Shoals marking out from Garden and Bird Key's Buoy.	Black	1	2d class can	Dry Tortugas light-house, N.W. by W. Dry Tortugas Harbor light-house, N. $\frac{1}{4}$ W.	18	This buoy marks the southeast point of the shoal marking out from the fort, with deep water close to it.
East side of Entrance Buoy.	Red	2	2d class min.	Dry Tortugas Harbor light-house, W. $\frac{1}{4}$ N. Fort Jefferson. (see buoy.) S.W. $\frac{1}{4}$ W.	18	This buoy marks the southern point of the shoals marking out from East and Sand Keys, and the east side of the channel.
DRY TORTUGAS HARBOR LIGHT-HOUSE (inside of Fort Jefferson.)	White		White tower, inside of Fort Jefferson. Garden Key, Dry Tortugas, 70 feet above the level of the sea; fixed white light of the 4th order.			This light-house is in latitude $24^{\circ} 37' 47''$ north, and in longitude $82^{\circ} 52' 53''$ west.
Garden Key Shoal Buoy.	Black	3	3d class can	Dry Tortugas light-house, W. by S. Dry Tortugas Harbor light-house, SW. $\frac{1}{4}$ E.	12	This buoy marks the northeast point of Garden Key shoal.
Garden Key Shoal Buoy.	Black.....	5	3d class can	Dry Tortugas light-house, W. $\frac{1}{4}$ S. Dry Tortugas Harbor light-house, S. SE. $\frac{1}{4}$ E.	12	This buoy marks the northern point of Garden Key shoal.

Sailing Directions.

Get Dry Tortugas Harbor light-house to bear W. by N., sail over for it until you pass the red buoy No. 2, which pass on the starboard hand; then turn up NW. by W. for buoy No. 3, (black,) leaving it on the port hand; then steer W. $\frac{1}{4}$ S. for buoy No. 5, (black,) which also leave on the port hand. Large vessels should not attempt to run into this harbor without a pilot, as the channel is narrow, and foul ground inside of buoy No. 3, (black.)

Fort Jefferson (Sea) Buoy.	Red	8	1st class min.	Dry Tortugas light-house, N. NW. Dry Tortugas Harbor light-house, N. NE. $\frac{1}{4}$ E.	18	This buoy marks the southern extremity of the shoal marking out from Fort Jefferson, and the eastern side of the passage into the harbor, between Loggerhead Key and the fort.
Midchannel Buoy....	Perpendicularly striped.		3d class min.	Dry Tortugas Harbor light-house, E. $\frac{1}{4}$ N. Dry Tortugas light-house, E. $\frac{1}{4}$ E.	15	An 8-foot shoal lies not far off to the southward and eastward.
DRY TORTUGAS LIGHT-HOUSE (Loggerhead Key)	White and black.		Tower, 150 feet high; lower half painted white, and the upper black. Keeper's dwelling placed a little to the southward of the tower. Fixed white light of the 1st order.	This light-house tower is on Loggerhead Key, the westernmost of the Tortugas group. It is nearly one mile long, northeast and southwest, and 700 feet broad, bordered all around by bushes.		This light-house is in latitude $24^{\circ} 38' 12''$ north, and in longitude $82^{\circ} 55' 15''$ west.
Dry Tortugas Harbor Light-house, (inside Fort Jefferson.)	White		White tower inside of Fort Jefferson, Garden Key, Dry Tortugas. Fixed white light 4th order, 70 feet above the level of the sea.			This light-house is in latitude $24^{\circ} 37' 47''$ north, and longitude $82^{\circ} 52' 53''$ west.
Garden Key Shoal Buoy.	Black.....	5	3d class can.....	Dry Tortugas light-house, W. $\frac{1}{4}$ S. Dry Tortugas Harbor light-house, S. SE. $\frac{1}{4}$ E.	12	This buoy marks the northern point of Garden Key shoal.

To mark the Entrance to Dry Tortugas Harbor from the Northwest.

Outer (Entrance) Buoy.	Perpendicularly striped.		2d class min.	Dry Tortugas light-house, S. by W. $\frac{1}{4}$ W. Dry Tortugas Harbor light-house, S. by E. $\frac{1}{4}$ E.	19	This buoy marks the Midchannel Entrance and between a land and reef shoal on either side.
Middle Ground Buoy.	Red and black horizontal stripes.		3d class min.	Dry Tortugas light-house, SW. by W. $\frac{1}{4}$ W. Dry Tortugas Harbor light-house, S. $\frac{1}{4}$ E.	12	This buoy is on the north side of a shoal with 11 feet of water over it, and may be passed, not too close, on either hand.

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locality of r

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Buoy.

Outer (Enter-
Buoy.

Inner Buoy.....

Stake and Boar-

Stake and Trian-

Outer (Enter-
Buoy.

Middle Buoy, C-
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Bird Key Bank Bu-

Piney Point Buoy.

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In.

Upper edge of Ma-
grove Point Bar-
In.

Smith's end of the
den's Point Bar-
In.

Gadsden's Pol-
lution Bar-
In.

Head of the Bu-