

Towers, beacons, buoys, spindles, and all other aids to navigation, arranged in regular order as they are passed by vessels entering from sea at Cape Florida, to mark the entrance to and Channel and Obstructions inside the Florida Reefs, from Jupiter Light-house to the Gulf at Dry Tortugas, Florida—Continued.

us, and other in-
to mariners.

tern end of old
mid-channel line,
at point to change
SW. 1 W.

thern extremity
n side of the Δ
from Old Bahia
on Cesar's creek
 $40^{\circ} 52'$ north lati-
tude.

e Harbor shoals,
s to mark the ca-

nel line, running
es Bank buoy No

the seaward edge
litude; and so

line S. SW. 1 W.
ined buoy.

ward edge of the
from the Green-
miles from the north-
latitude, and
shoal is of small
size, and about
feet above the
reefs detached
the main reef.

ge of the Green-
ches from Sound
from Bush Hill
le, and $80^{\circ} 17' 57''$
on the seaward
reefs, with ball
are there a mile
ould not be ap-
than 2 miles.

and a patch of
ort hand going to

a reef, 5 nautical
and 2 fathoms
 49° north lati-
tude. It is close
with deep water
and, to the
3 feet water over
and.

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 in fathoms, in general.	General remarks, sailing directions, and other information necessary or useful to mariners.
Pickles Reef Beacon, "E."	Cylinder white, shaft and vase black.		Beacon, letter "E" painted red; hoop-iron lattice-work; cylinder white, shaft and vase black.	Point Charles, S. $16^{\circ} 57' 43''$ E., (true.) Lower Sound Point, S. $69^{\circ} 34'$ 30" W., (true.)	.....	This beacon is placed on the seaward edge of Pickles reef 5 2/5 nautical miles from Point Charles and 7 nautical miles from Lower Sound Point, in $21^{\circ} 50' 22''$ north latitude, and $80^{\circ} 24' 55''$ west longitude.
West end of Triangle Buoy.	Black.....	9	2d class min.....	Pickles Reef beacon, "E," E. by S. 1/8. Conch Reef beacon, "E," S. 1/8. Taverrier Key, W. SW 1 W. Rodriguez Key, N. 1 E.	17	This buoy is close to a spot at the western end of the Triangle shoals, with 5 feet water over it, and must be left to port. It is 2 1/2 miles to the eastward of Taverrier Key, and nearly 21 miles to the southward of Rodriguez Key.
Couch Reef Beacon, "E."	Cylinder red, shaft and vase white.		Beacon, letter "E" painted black; hoop-iron lattice-work; cylinder red, shaft and vase white.	Rodriguez Key, S. $49^{\circ} 30'$ W., (magnetic.) Taverrier Key, S. $49^{\circ} 30'$ E., (magnetic.)	.....	This beacon is placed on Couch reef, in $21^{\circ} 56' 36''$ north latitude, and $80^{\circ} 27' 50''$ west longitude. It is on the seaward edge of the reef, with bold water close to it.
Crocker's Reef Beacon, "D."	Cylinder black, shaft and vase red.		Beacon, letter "D" painted red; hoop-iron lattice-work; cylinder black, shaft and vase red.	Snake Creek Point, S. $39^{\circ} 15'$ E., (magnetic.)	.....	This beacon is placed on Crocker's reef, about 4 miles from Snake Creek Point, in $21^{\circ} 49' 18''$ north latitude, and $80^{\circ} 35' 08''$ west longitude.
Hen and Chickens Buoy.	Red.....	10	2d class min.....	Crocker's Reef beacon, "D," SE. 1 E. Alligator Reef beacon, "C." Couch Reef beacon, "E" E. by N. 1 N. North point of Maffaccombe Key, W. 1 N.	16	This buoy is placed on the southern side, and near the shaded part of the Hen and Chickens shoal, with deeper water close to it, also to the southward. There is a channel with 11 feet water through it, between the Hen and Chickens and rocks, about half a mile to the northward.
Alligator Reef Beacon, "C." (To be replaced by an iron Screw-pile Light-house.)	Cylinder white, shaft and vase black.		Beacon, letter "C" painted red; hoop-iron lattice-work; cylinder white, shaft and vase black.	Indian Key, S. $66^{\circ} 30'$ E., (magnetic,) distant 5 miles.	.....	This beacon is placed on Alligator reef, in $21^{\circ} 40' 08''$ north latitude, and $80^{\circ} 38' 08''$ west longitude. This reef is at the seaward extremity (southward and westward) of the banks and shoals running off from Indian Key, Tea Table Key, and upper Maffaccombe, and where they terminate.
Tennessee Reef Beacon.					Building.	
Alligator Shoal Buoy.	Black.....	11	2d class min.....	Crocker's Reef beacon, "D," NE. by E. 1 E. Alligator Reef beacon, "C," SE. by E. 1 E. Centre of Indian Key, W., NW. 1 W.	10	This buoy is near the western extremity of the shoal.
Long Key Shoal Buoy.	Red.....	12	2d class min.....	East end of Long Key, N. 1 E. Conch Keys, W. 1 S. Indian Key, NE.	12	This buoy lies off the south point of Long Key, distant $1\frac{1}{2}$ miles.
Middle-channel Buoy.....	Perpendi- cular stripes.		2d class min.....	Collin's Patches beacon, SW. 1 S. East point of Duck Key, S. 1 W. Southwest point of Long Key, N. NW. 1 E.	21	This buoy is abreast of Conch Keys.
East Turtle Shoal Buoy.	Red and black horizontal stripes.		2d class min.....	Collin's Patches beacon, SW. 1 S. Southwest point of Duck Key, N. NW. 1 E. West end of Grassy Key, NW. 1 W.	18	This buoy lies just to the westward of the $1\frac{1}{2}$ -foot shoal spot on East Turtle shoal. It may be passed on either hand.
Turtle Shoal Buoy....	Red and black horizontal stripes.		2d class min.....	Collin's Patches beacon, S. SE. Dry Bank light-house, SW. by W.	16	This buoy lies a little to the westward of the $1\frac{1}{2}$ -foot shoal spot on Turtle shoal. It may be passed on either hand.
Collin's Patches Bea- con.	Blk.....		An iron shaft, 6 inches in diameter, 10 feet high, with two ellipses set at right angles to each other, 25 feet above the water. These ellipses are made open lattice- work 8 inches by 4 feet, presenting the appear- ance of a ball. At 31 feet above the water there is an open lattice cross, with arms 9 inches long, and 1 1/2 feet from the shaft. On the top there is a ball 15 inches in diameter; and the entire structure painted black.	Dry Bank light-house, S. 67° 30' W., (true.)	.....	This beacon is placed on Collin's Patches, near the seaward edge of the reef, and bears about south from Duck Key.