

## NOTICE TO MARINERS.

(No. 13.) PACIFIC OCEAN—WASHINGTON.

*Fixed Light at Tatouch Island, Cape Flattery.*

THE United States Lighthouse Board has given notice, that on and after the 28th of December, 1857, a light would be exhibited from the lighthouse recently erected on the highest part of Tatouch island, off Cape Flattery of the U. S. Charts (Cape Classet of Vancouver), on the south side of the entrance to the strait of Juan de Fuca.

The light is a *fixed white* light, placed at an elevation of 162 feet above the mean level of the sea, and should be visible from the deck of a ship in clear weather at a distance of 19 miles.

The illuminating apparatus is a Fresnel lens of the first order.

The lighthouse consists of a keeper's dwelling of stone, with a tower of brick, whitewashed, rising above it, and surmounted by an iron lantern painted red, the height of the whole being 66 feet. It stands in lat.  $48^{\circ} 23' 15''$  N.; long.  $124^{\circ} 43' 50''$  west of Greenwich, as determined by the U. S. Coast Survey.

*Fixed Light at New Dungeness, Juan de Fuca Strait.*

Also, that on and after the 14th of December, 1857, a light would be exhibited from the lighthouse recently erected about one-sixth of a mile from the outer end of the spit of New Dungeness, on the south side of the strait of Juan de Fuca.

The light is *fixed, white*, and placed at a height of 100 feet above the mean level of the sea. It should be seen in clear weather from the deck of a vessel distant 15 miles.

The illuminating apparatus is a Fresnel lens of the third order.

The lighthouse consists of a keeper's dwelling of stone, with a tower of brick, the upper half coloured dark red, the lower half white, rising above it, and surmounted by an iron lantern painted red, the entire structure being 92 feet high. Its approximate position is in lat.  $48^{\circ} 11' 45''$  N.; long.  $123^{\circ} 07' 30''$  west of Greenwich, by the U. S. Coast Survey.

*A Fog Bell.*

Of 1,100 lbs. weight has also been placed on the extreme outer end of the spit of New Dungeness, and would be sounded during foggy or thick weather, day and night from the same date. The distinctive mode of striking the bell would be published hereafter. The machinery is in a frame building, with the front open to receive the bell painted black, and raised 30 feet high above the ground on an open structure whitewashed.

By command of their Lordships,

*John Washington*, Hydrographer.

Hydrographic Office, Admiralty, London,  
February 4, 1858.

This notice affects the following Admiralty Charts; Strait of Juan de Fuca, No. 1,911; Vancouver Island, No. 1,917; Pacific Ocean, sheet 3, No. 2,461. Also West Coast of America Lights List, Nos. 59 and 60.

## NOTICE TO MARINERS.

(No. 14.) GULF OF MEXICO—UNITED STATES.

*Fixed Light at Barrataria Bay, Louisiana.*

THE United States Lighthouse Board has given notice, that a light is now exhibited from the lighthouse recently erected inside of Fort Livingstone, on Grand Terre Isle, at the eastern side of the entrance to Barrataria Bay, Louisiana.

The light is a *fixed white* light, elevated 60 feet

above the mean level of the sea, and should be visible from the deck of a vessel in ordinary weather at a distance of 13 miles.

The illuminating apparatus is catadioptric, on the system of Fresnel, of the fourth order.

The light tower is of octagonal form, built of brick, 55 feet high, and coloured white. Its approximate position is in lat.  $29^{\circ} 16' 44''$  N.; long.  $89^{\circ} 54' 30''$  West of Greenwich.

*Fixed Light at Timballier Bay, Louisiana.*

Also that a light is exhibited from the lighthouse recently erected on the west side of the Grand Pass of Timballier, at the entrance to Timballier Bay, Louisiana.

This light is a *fixed white* light, placed at an elevation of 60 feet above the mean level of the sea, and should be seen from the deck of a ship in ordinary weather at a distance of 13 miles.

The illuminating apparatus is catadioptric, by a Fresnel lens of the fourth order.

The light tower is octagonal, of brick, 55 feet high, and whitewashed. It stands in about lat.  $29^{\circ} 04' 06''$  N.; long.  $90^{\circ} 16' 30''$  West of Greenwich.

By command of their Lordships,

*John Washington*, Hydrographer.

Hydrographic Office, Admiralty, London,  
February 4, 1858.

This notice affects the following Admiralty Charts:—West Indies, Outline, No. 390; General Sheet 4, No. 392*d*; Florida, West Coast, No. 524\*. Also West Indies Lights List, Nos. 86, 87; United States Lights List, Nos. 340, 341.

## NOTICE TO MARINERS.

(No. 15.) MEDITERRANEAN—COAST OF SPAIN.

*Fixed Light on Cape Santa Pola.*

THE Minister of Marine at Madrid has given notice, that on and after the 23rd of January 1858, a light would be exhibited from the Tower of Talayola, on Cape Santa Pola, in the province of Alicante.

The light is a *fixed white* light, placed at an elevation of 505 English feet above the sea, and should be visible in clear weather at a distance of upwards of 5 miles from S.S.W.  $\frac{2}{3}$  W., round easterly to N.E.  $\frac{1}{3}$  N.

The illuminating apparatus is catadioptric of the sixth order.

The tower is square, 30 feet in height, and painted with a dirty white colour. It stands at about 395 yards from the sea, with the lighthouse on Plana or Tabarca isle bearing S.S.E.  $\frac{1}{4}$  E., and Cape Huertas lighthouse N.E.  $\frac{3}{4}$  E., in lat.  $35^{\circ} 12' 30''$  N., long.  $0^{\circ} 30' 8''$  W. of Greenwich.

In proceeding to the roadstead of Lugar Nuevo or Santa Pola, and passing inside Plana isle, the directions relative to the Tower of Talayola given in Tofiño's Spanish Pilot must be attended to, and it must be borne in mind that this light is placed at 24 feet above the upper part of the window mentioned in that work.

(All bearings magnetic. Variation  $18^{\circ} 40'$  West in 1857.)

By command of their Lordships,

*John Washington*, Hydrographer.

Hydrographic Office, Admiralty, London,  
4th February, 1858.

This notice affects the following Admiralty Charts:—Mediterranean, General, No. 2158, Sheet 1; Gibraltar to Alicante, No. 1186; also Mediterranean Lights List, No. 12.