U. S. COAST AND GEODETIC SURVEY.

S. M. Thorne, Superintendent.

State: California.

DESCRIPTIVE REPORT.
Hydrographic Sheets No. 1740

LOCALITY:
Suisun Bay.

1886

CHIEF OF PARTY:
Lt. David Peacock, U. S. N.
In accordance to "Instructions and Memoranda for Descriptive Reports to accompany original sheets" I submit the following report of sheets No. 2 and No. 4.

Sheet No. 2.

Bull 0 is called in the sounding books Bull Mass 0 " " " " " " " " Mass Green 0 " " " " " " " " Green Garnet 0 " " " " " " " " Garnet Buckler 0 " " " " " " " Buckler

On the main channel the least depth is 16 f. the greatest 9 ½ fathoms. The shallow part of the channel is near, and to the eastward of the black spar buoy off Point Edith, and extends in a line with the second black spar one quarter (¼) of
a mile. The direction of the channel changes at the second black spar buoy running eastward to a red spar buoy. This part of the channel is narrow but deep enough for the largest class of vessels. From Point Edith a channel runs inside of seal islands - but at the eastern end where it joins the main channel there is but 12 feet of water its greatest depth is 9 fms. A channel runs north from the red spar buoy (north of the east end of seal islands) passing close by the eastern extremity of Roe Island - then is but 9 feet of water at the end of Roe Island - still the water is so soft that 12 ft can easily be carried through after passing the point. The channel runs to the eastward until it joins the main channel again - the greatest depth in this channel is 14 fathoms - but it is required in passing through the bay.

These channels are permanent, except the one passing the east end of Roe Island which is rapidly filling up at that point.
at the east end of Roe Island the middle ground vague and extends to the eastward about two one half miles. A few small beacons showing the limits of this sand flat would be of great service to sailing vessels.

The bottom except in the deeper part of the channel is of very soft sand.

There are no harbor improvements. Any part of the bay is good holding ground. The only danger near the Channel is a hard bar south of Roe Island. This is cleared by keeping on a line joining the second black spar buoy and the 3rd spar buoy.

The current runs fair with channel

Very respectfully,
D. Peacock

Lt. U. S. Navy

Ass. U. S. C. G. S.
Sheet 1784.

Buckler & is called in sounding Books Buck or Buckler.
Diamond & ... " " " " " " " " " " " " 

The main channel runs East gradually nearing the South shore of the Bay, passing close to Beacon 4. From Beacon 4, the channel runs to a red spar buoy where the north channel joins it from the red spar buoy. The channel is wide and has plenty of water. Head for Beacon 7, off Middle Point, until about Beacon 6 then keep in the middle of river to end of sheet. The greatest depth is 93 ft and least 17 ft. The shallow part is between Beacon 4 and the red spar buoy.

A Pilot is required. These channels are permanent, no improvements - good holding ground. Current runs fair with channel.

The red spar buoy may be placed one eighth (1/8) of a mile to the westward. It will then be in 18 ft. of water and on the East end of the middle ground.

Very respectfully,

[Signature]

[Date]