

8671

Diag. Cht. No. 9000- .

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Hydrographic

Field No. PI-336-5-61 Office No. H-8671
(1610 NWA)

LOCALITY

State North Pacific Ocean

General locality 155°00' to 160°00' and
51°00' to 53°30'

Locality _____

1961 - 1962

CHIEF OF PARTY

W. F. DEANE & H. G. Conerly

LIBRARY & ARCHIVES

DATE January 1963

USCOMM-DC 5087

8671
1298

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

OPR-421

REGISTER No. H-8671

Field No. PI-336-5-61 (1610 N-A)

State North Pacific Ocean

General locality 155°00' to 160°00' and 51°00' to 53°30'

Locality _____

Scale 1° Long = 8" Date of survey 4/30/61 to 8/28/62

Instructions dated _____

Vessel PIONEER

Chief of party W. F. Deane and H. G. Conerly

Surveyed by Lt. McCaffrey, M. J. Tonkel, C. R. Nygren, J. G. Krakowski, B. Karwisch, J. Patrick, V. R. Smith, P. A. Hund, T. M. Monaghan, Murphy, Pickens, O. Hanlon and Blankenship.

Soundings taken by fathometer, graphic recorder, hand lead, wire _____

Fathograms scaled by _____

Fathograms checked by _____

Protracted by _____

Soundings penciled by _____

Soundings in fathoms feet at MLW MLLW _____

REMARKS: _____

GM

Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. ⁷¹8625.....

Records accompanying survey: Smooth sheets ...¹...;
 (Control sheet)
 boat sheets ...¹...; sounding vols. ...³...; wire drag vols.;
 1- Boat sheet
 Descriptive Reports ...¹...; graphic recorder envelopes ...¹...;
 Also see Descriptive Report H-8625
 special reports, etc.
 5 Cahiers containing Astronomic sights, Loran computations
 and Dead reckoning abstracts filed with H-8625.....

The following statistics will be submitted with the cartographer's report on the sheet:

Number of positions on sheet
Number of positions checked
Number of positions revised
Number of soundings revised (refers to depth only)
Number of soundings erroneously spaced
Number of signals erroneously plotted or transferred
Topographic details	Time
Junctions	Time
Verification of soundings from graphic record	Time
Special adjustments	Time

Verification by Total time Date

Reviewed by Time Date

The verifier should deal with the present hydrographic survey only, as the reviewer considers its relation to previous surveys and published charts. He should be thoroughly familiar with Chapters 3, 7 and 9 of the Hydrographic Manual.

1. The descriptive report was consulted and appropriate notes were made in soft pencil regarding action taken.
2. Soundings originating with the survey and mentioned in the descriptive report have been verified, including latitude and longitude.
3. All reference to survey sheets mentioned in the descriptive report include the registry number and year.
4. Geographic names of hydrographic features if on sheet are in slanting lettering and of topographic features in vertical lettering.
5. All items affecting the plotting of the survey which are entered in the remarks columns of the sounding records were noted and check marked. In all cases appropriate action was taken.
6. All positions verified instrumentally were check marked in the sounding records.
7. All critical soundings are clear and legible and are a little larger than the adjacent soundings.
8. The metal protractor has been checked within the last three months.
9. The protracting and plotting of all bad crossings were verified.
10. All detached positions locating critical soundings, rocks or buoys were verified.
11. The boat sheet was compared with the smooth sheet.

12. The spacing of soundings as recorded in the records was closely followed.
13. The bottom characteristics were shown on outstanding shoals.
14. The reduction and plotting of doubtful soundings were checked.
15. The transfer of contemporary topographic information was carefully examined.
16. All junctions were transferred and overlapping curves made identical.
17. The notation "JOINS H- (19--)" was added in ink for all contemporary adjoining or overlapping sheets now registered. Those not verified are shown in pencil.
18. The depth curves have been inspected before inking.
19. All triangulation stations and transfer of topographic and hydrographic signals were checked.
20. Heights of rocks were checked against range of tide.
21. Rocks transferred from topographic surveys have a dotted curve where shown thereon. Rocks located accurately by hydrographer are encircled by dotted red curve.
22. Unnecessary pencil notes have been removed.
23. Objects on which signals are located and which fall outside of the low water line have been described on the sheet.
24. The low water line and delineation of shoal areas have been properly shown.
25. Degree and minutes values and symbols have been checked.
26. Questionable soundings have been checked on the fathograms

27. Source of shoreline and signals (when not given in report).
28. All notes on sheet are in accordance with figure 171 in the Hydrographic Manual.
29. All aids located, with those on contemporary topographic sheets, have been shown on survey.
30. Depth curves were satisfactory except as follows:
31. Sounding line crossings were satisfactory except as follows:
32. Junctions with contemporary surveys were satisfactory except as follows:
33. Condition of sounding records was satisfactory except as follows:
34. The protracting was satisfactory except as follows:
35. The field plotting of soundings was satisfactory except as follows:
36. Notes to reviewer:

Verified by

Date

