

DISPOSITION FORM

For use of this form, see AR 340-15; the proponent agency is The Adjutant General's Office.

| | |
|----------------------------|---|
| REFERENCE OR OFFICE SYMBOL | SUBJECT |
| NAOEN-CC | Information Required for Preparation of an EIS or EIA |

| | | | | | | |
|------|-------------------------|------|------------------------|------|----------|-------|
| THRU | Chiefs, Survey Engrg | FROM | Chief, Comp & Mapp Sec | DATE | 4 Aug 76 | CMT 1 |
| | | | | | | |
| TO | Chief, WRP Br | | | | | |

- The following information is furnished in response to DF, NAOEN-R, dated 8 April 1976, subject as above.
- Tangier Channel to Tangier Sound was authorized by the River & Harbor Act of 2 March 1919 and modified by the P.W.A. Acts of 3 January 1934 and 30 August 1935 and by the River & Harbor Act of 2 March 1945. Tangier Channel to Chesapeake Bay was approved in 1964 by the River & Harbor Act of 14 July 1960.

3. Previous Disposal Operations:

a. Tangier was originally under the jurisdiction of the Baltimore District. Construction and maintenance of the East Channel (to Tangier Sound) was accomplished by that office until 1961 when the project was transferred to the Norfolk District. Consequently, much information regarding the dredging, ie, disposal locations, problems encountered etc., are not available to this office.

(1) The dredging history of the east channel follows (maintenance unless otherwise noted):

| DATE DREDGED | C. Y. REMOVED | REMARKS |
|-------------------|-------------------------|---|
| 9/9/21 - 7/12/22 | 54,005 (N. W. dredging) | 5' x 50' channel followed deep water. Upper 1400' believed to coincide generally with existing project. |
| 7/30 - 9/20/29 | 28,000 | do |
| 3/19 - 8/18/34 | 60,826 (M&NW) | 7' x 60' channel, coincident with existing project |
| 1/3 - 28/39 | 53,806 | do |
| Believed June '43 | 52,245 | do |
| 3/19 - 4/7/48 | 20,134 38,688 (NW) | Maint dredging to 7' depth. 8' x 60' to 100' channel |
| 5/3 - 10/54 | 31,622 | do |
| 11/8/56 - 1/31/57 | 51,508 | do |

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| DATE DREDGED | C. Y. REMOVED | REMARKS |
|---------------|-----------------------|------------------------------------|
| 1/1 - 13/60 | 49,000 | do |
| 10/14 - 26/63 | 52,702 cr + 24,520 ex | First dredging by Norfolk District |
| 8/2 - 23/69 | 69,750 cr + 22,170 ex | |
| 7/15 - 8/5/72 | 71,450 cr + 20,720 ex | |
| 5/6 - 6/6/74 | 81,139 cr + 41,654 ex | |

(2) The dredging history for the west channel:

| | | |
|--------------------|----------------------|--------------------------------------|
| 12/16/65 - 1/12/66 | 84,040 + 15,840 (NW) | Initial dredging by Norfolk District |
| 8/2 - 23/69 | 8,778 + 3,460 | |
| 7/15 - 8/5/72 | 10,172 + 3,730 | |

b. All disposal areas shown on the attached quadrangle were undiked, with the exception of the area used in 1974 on East Point Marsh.

c. Local interests have no major objections to the work, although they prefer that dredging not be accomplished during the soft-shell crab season. The owner of East Point Marsh refuses to permit the re-use of his land for disposal of dredged material. He maintains that both the 1972 and 1974 dredging filled his channel and basin, without satisfactory rectification by the government.

4. Dredging History

a. Dredging Frequency:

(1) The East Channel has been maintained at a frequency of 32 months. The past several dredgings, however, have been accomplished at a 2 year interval. This increased frequency is believed due to utilization of the channel by deep draft vessels, rather than accelerated fill. It is recommended that the maintenance frequency of the East Channel be considered every two years.

(2) The West Channel has been maintained every 3 years. Consideration should be given to increasing the advance dredging in order that the frequency can be extended to every 4 years, thereby rendering compatible frequencies on the two channels.

b. Average yardage removed per cycle

(1) Average yardage removed since 1963 on the East channel is 70,000 credit + 30,000 excess = 100,000 total removed.

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(2) Average yardage removed since 1969 on the West Channel is 10,000 credit + 3500 excess = 13,500 total removed.

- c. Seasonal Dredging Restriction - see paragraph 3c.
- d. Average duration of maintenance dredging is about 30 days.
- e. The work has been accomplished by hydraulic pipeline dredge.

5. Future Maintenance

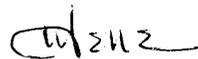
a. The disposal areas under consideration at this time are shown on the attached quadrangle. The sites are numbered 1 through 7. Of these sites, area 4 has been approved by the federal environmental agencies for retention of material from the West Channel. The areas offered for the East Channel have not received approval. While the agencies favor Areas 6 and 7, the Town strongly favors Area 1.

b. It is anticipated that 95,000 and 15,000 cubic yards of material will be dredged from the East and West Channels, respectively. Plans are presently underway to request NAD permission to overdredge the West Channel. If overdredging is approved, it is estimated that an additional 15,000 cubic yards will be removed from the West approach.

c. Coordination with the federal environmental agencies is in progress. Mr. Haluska has been included in the coordination to date.

d. Regarding any unresolved conflicts associated with the proposed maintenance, see paragraph 5a.

1 Incl
as



E. E. WHITEHURST

DISPOSITION FORM

For use of this form, see AR 340-15, the proponent agency is TAGCEN.

REFERENCE OR OFFICE SYMBOL

NAOEN-WW

SUBJECT

Tangier Island-Preparation of an
Environmental Impact Statement

TO

FROM

DATE

CMT 1

THRU: Chiefs, W&H 
Drdg Mgmt Br
WRP Br

T. D. Woodward

25 April 1980
WOODWARD/3616/cpa

TO: Chief, ERR Sec

1. The following information and attached drawings are furnished for your preparation of the proposed EIS.

2. DREDGING HISTORY

| <u>Dredging Period</u> | <u>Total Yardage Removed (CY)</u> | <u>Disposal Area Used</u> |
|------------------------|-----------------------------------|---------------------------|
| April 79 | 1,400 | 14 |
| October 77 | 117,200 | 3 |
| Feb-Mar 77 | 29,600 | 1 |
| May-June 74 | 122,800 | 7 |
| July-Aug 72 | 106,100 | 8,11,13 |
| August 69 | 104,200 | 9,11,12 |
| Dec 65-Jan 66 | 99,900 | 7,10 |
| October 63 | 77,200 | 11,12 |
| Jan 60 | 49,000 | 11,12 |
| Nov 56-Jan 57 | 51,500 | 11,12 |
| May 54 | 31,700 | 11,12 |
| Mar-April 48 | 58,900 | 11,12 |
| June 43 | 52,300 | 11,15,16 |
| Jan 39 | 53,800 | 17,18 |
| Aug 34 | 60,900 | 17 |

NAOEN-WW

25 April 1980

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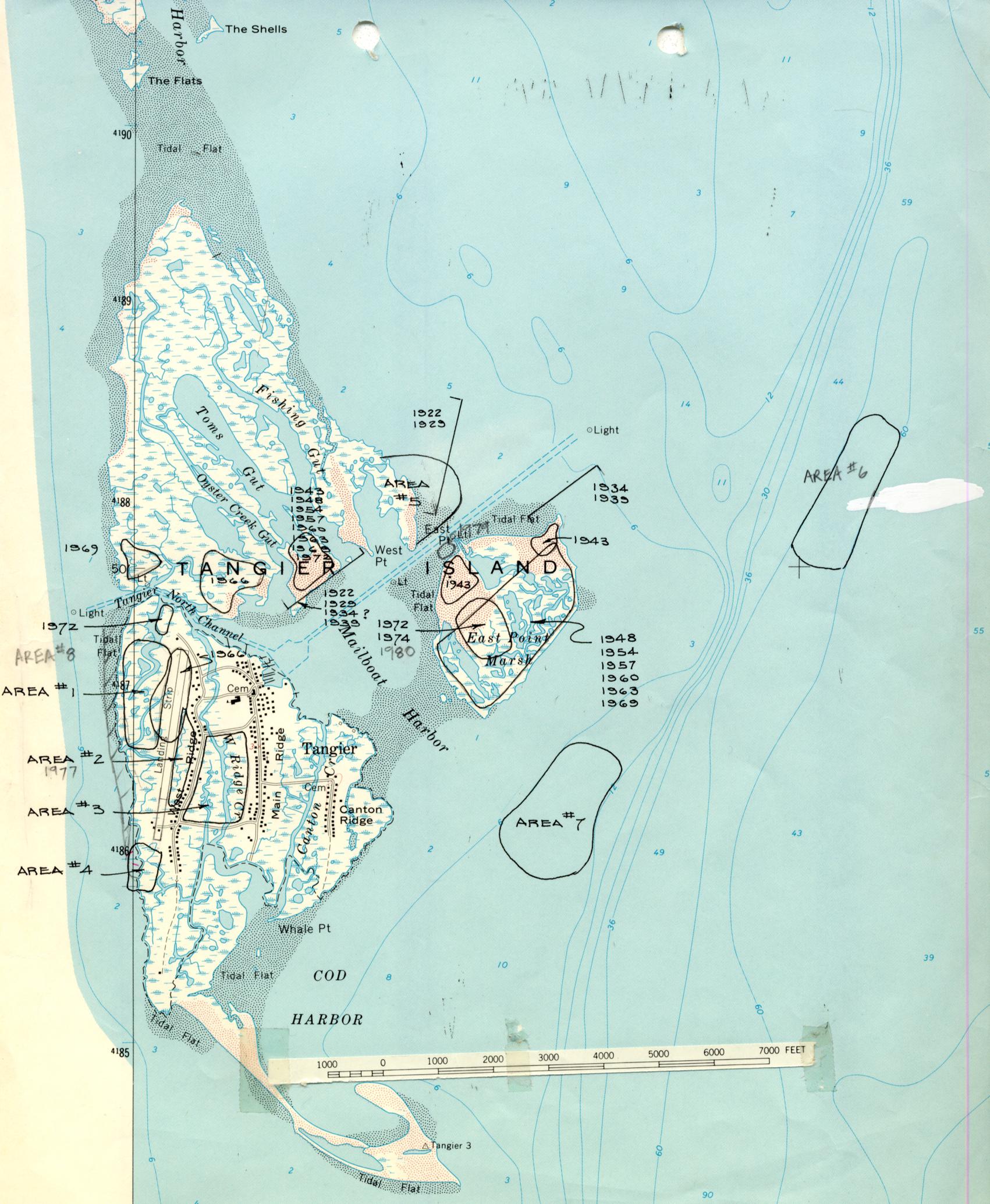
| | | |
|----------------|--------|---------------------------------|
| July-Sept 29 | 28,000 | Unknown (Baltimore District) |
| Sept 21-Jul 22 | 54,000 | Unknown (Baltimore District) |

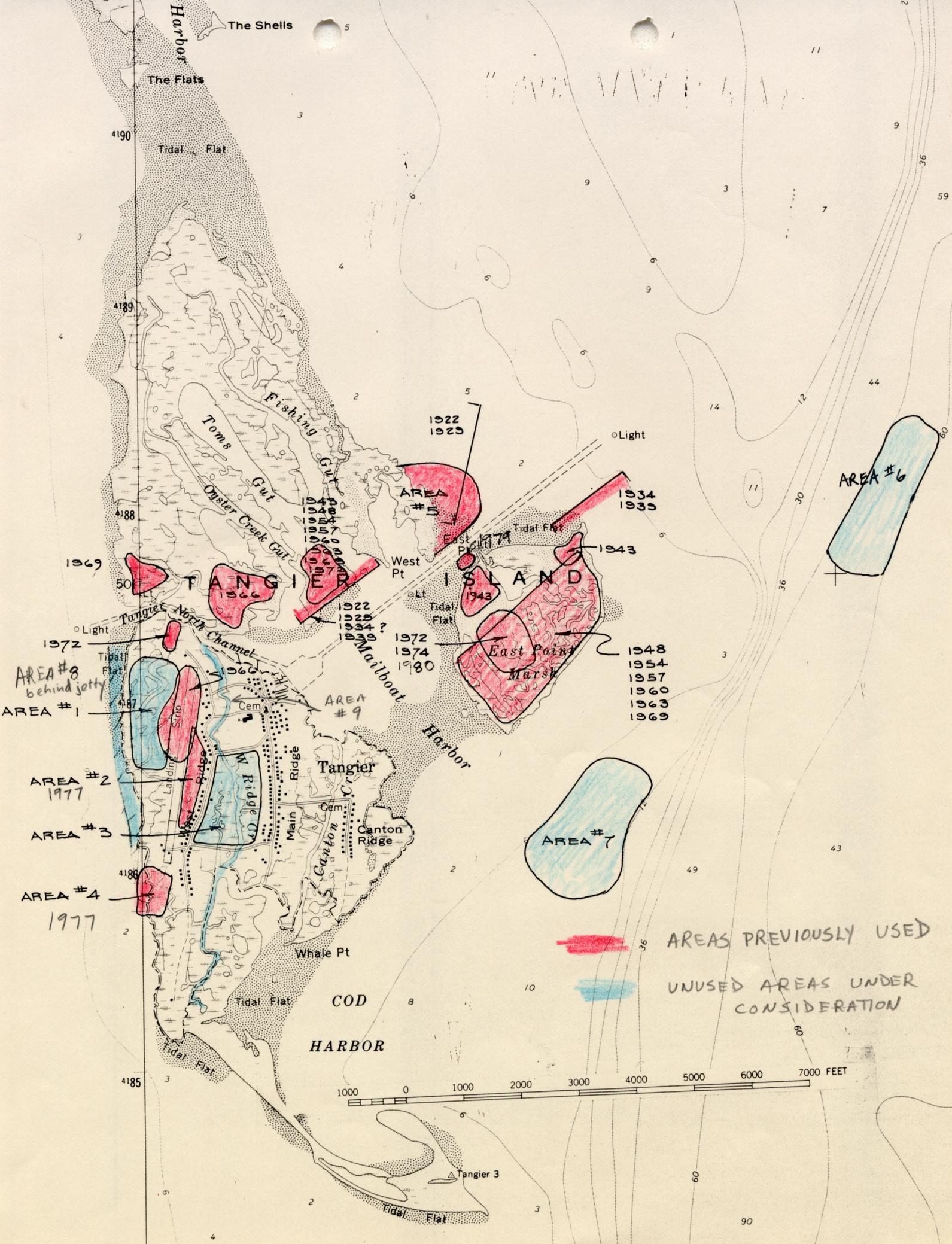
3. Previously used disposal areas are shown in blue and possible disposal areas to be used are shown in red on the attached drawings. The approximate size of the disposal areas are as follows:

| Area | Size (acres) |
|------|-----------------------|
| 1 | 3.0 |
| 2 | 22.0 |
| 3 | 15.0 |
| 4 | 11.0 |
| 5 | 3.5 |
| 6 | OB- Not established |
| 7 | 20.0 |
| 8 | 2.5 |
| 9 | 8.0 |
| 10 | 25.0 |
| 11 | 8.0 |
| 12 | 94.0 |
| 13 | 16.0 |
| 14 | 1.5 |
| 15 | 9.0 |
| 16 | 3.0 |
| 17 | OB-Unknown |
| 18 | OB-Unknown |
| 19 | Creek-Not Established |

4. If further information is required, please contact me on 3616.

T. D. Woodward
T. D. WOODWARD





AREA #8
behind jetty

AREA #1

AREA #2
1977

AREA #3

AREA #4
1977

1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969

1922
1923

1922
1923
1924
1925
1926
1927
1928
1929
1930

1972
1974
1980

1934
1935

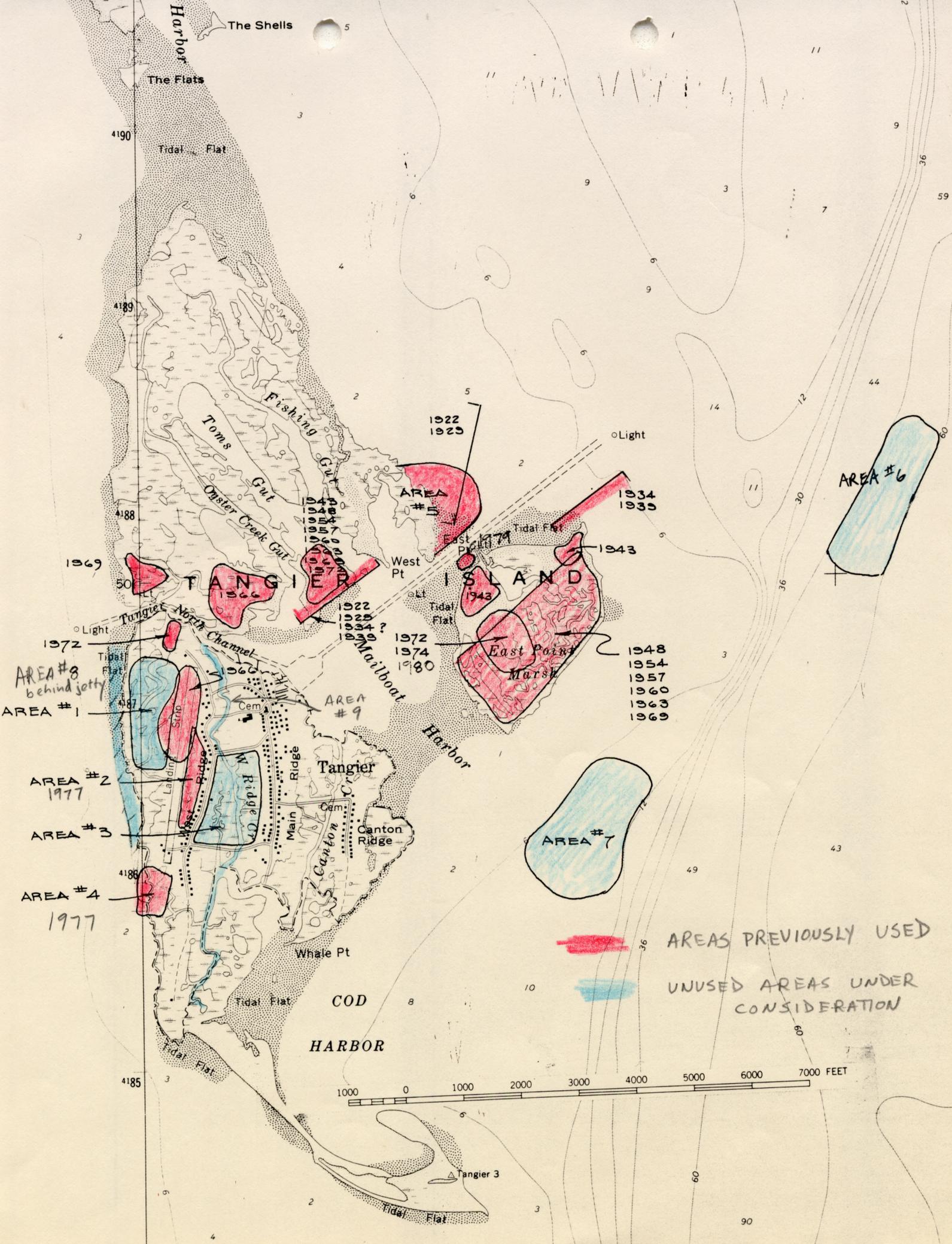
1943

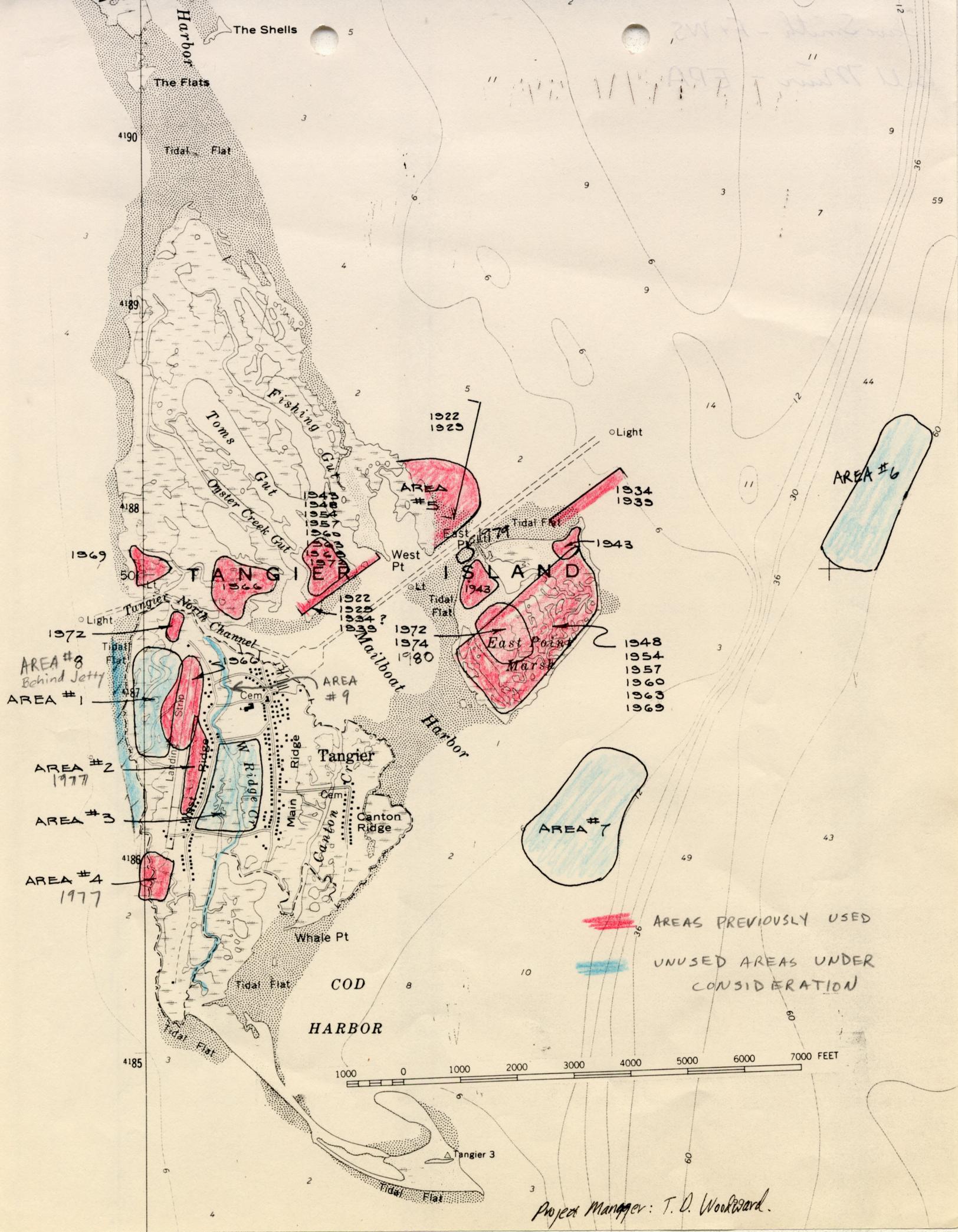
1943

1948
1954
1957
1960
1963
1969

AREA #6

AREA #7





AREA #8
Behind Jetty

AREA #1

AREA #2
1977

AREA #3

AREA #4
1977

AREA #5

AREA #6

AREA #7

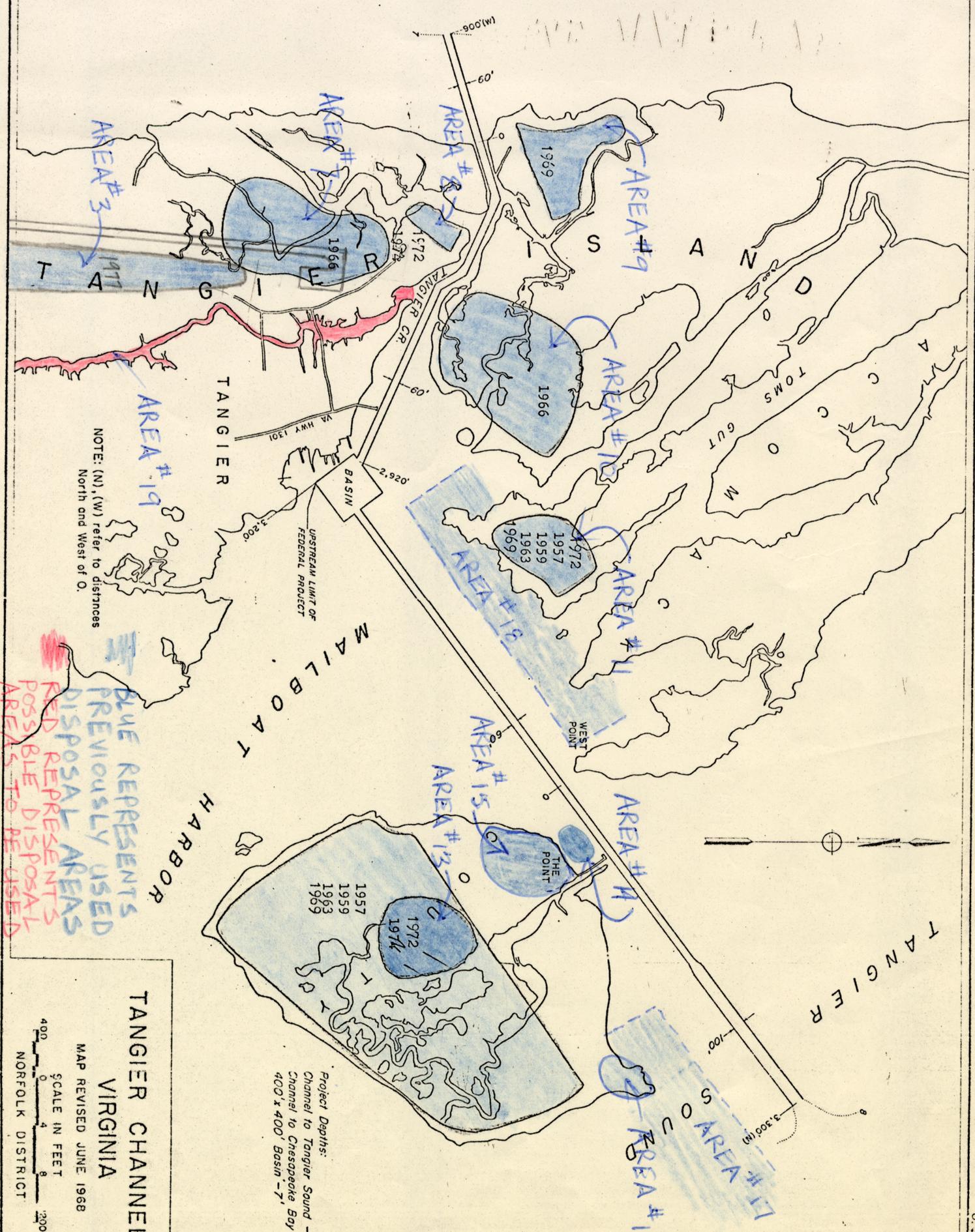
AREAS PREVIOUSLY USED

UNUSED AREAS UNDER CONSIDERATION

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Project Manager: T. D. Workesard.

C H E A P E A K E B A Y



NOTE: (N), (W) refer to distances North and West of O.

BLUE REPRESENTS PREVIOUSLY USED DISPOSAL AREAS
 RED REPRESENTS POSSIBLE DISPOSAL AREAS TO BE USED

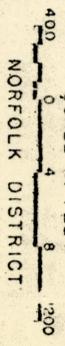
Project Depths:
 Channel to Tangier Sound - 8'
 Channel to Chesapeake Bay - 7'
 400' x 400' Basin - 7'

TANGIER CHANNELS

VIRGINIA

MAP REVISED JUNE 1968

SCALE IN FEET



NORFOLK DISTRICT