

MINUTE ITEM

This Calendar Item No. 36
was approved as Minute Item
No. 36 by the State Lands
Commission by a vote of 3
to 0 at its 10-29-79
meeting.

CALENDAR ITEM

10/79
W 40165
Gonzalez

36.

CERTIFICATION OF NEGATIVE DECLARATION
EIR ND 250

APPLICANT: Olin Jones Sand Company
1725 Marina Vista
Martinez, California 94553

TYPE OF LAND: Tide and submerged land.

AREA AND LOCATION: 513 acres in Alcatraz Shoals, west of Alcatraz
Island in San Francisco Bay, San Francisco
County.

PROPOSAL: The proposal involves hydraulically dredging
sand at the rate of 100,000 cubic yards
per year with a diesel-powered dredge and
off-loading at various points as needed.
The State lands will be leased pursuant
to competitive public bid.

PREREQUISITE TERMS:

1. The State Lands Commission's staff,
in accordance with Article 10, Section
2905(b) of the Cal. Adm. Code, has
conducted an initial study and has
concluded that the project will not
have a significant effect on the environ-
ment. Therefore, in compliance with
subsection (c) of Section 2905, a negative
declaration was prepared and filed
with the State Clearinghouse.
2. The State Clearinghouse acknowledged
receipt of the negative declaration
and has completed the required review.
3. In accordance with Chapter 1200, Statutes
of 1977, the State Lands Commission
must complete and certify a negative
declaration within 105 days following
receipt of a completed application

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and approve or deny the project within 1 year. This application was certified complete as of July 30, 1979.

EXHIBIT: A. Negative Declaration.

IT IS RECOMMENDED THAT THE COMMISSION:

1. DETERMINE THAT AN EIR HAS NOT BEEN PREPARED FOR THIS PROJECT BUT THAT A NEGATIVE DECLARATION HAS BEEN PREPARED BY THE COMMISSION'S STAFF.
2. CERTIFY THAT NEGATIVE DECLARATION NO. 250 HAS BEEN COMPLETED IN COMPLIANCE WITH CEQA OF 1970, AS AMENDED, AND THE STATE GUIDELINES; AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
3. DETERMINE THAT THE PROPOSED PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

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A.E. Gonzalez
EDMUND G. BROWN, JR., Governor

STATE LANDS COMMISSION

KENNETH CORY, Controller
MIKE CURB, Lieutenant Governor
RICHARD T. SILBERMAN, Director of FinanceEXECUTIVE OFFICE
1807 - 13th Street
Sacramento, California 95811WILLIAM F. NORTHROP
Executive Officer

EIR ND 250

File Ref.: W 40165

NEGATIVE DECLARATION

Project Applicant: Olin Jones Sand Co. (415/229-4800)
1725 Marina Vista
Martinez, CA 94553

Project Location:
Alcatraz Shoals, West of Alcatraz Island, in San Francisco
Bay, San Francisco County.

Project Description:
The proposal involves hydraulically dredging sand at a rate
of 100,000 cubic yards per year with a diesel-powered hopper
dredge and off-loading at various points as needed.

This NEGATIVE DECLARATION is prepared pursuant to the requirements
of the California Environmental Quality Act (Section 21000
et. seq. of the Public Resources Code), the State EIR Guidelines
(Title 14, Section 15000 et. seq. of California Administrative
Code), and the State Lands Commission regulations (Section 2901
et. seq. of California Administrative Code).

Based upon the attached Initial Study, it has been found that:

the project will not have a significant effect on the
environment.

the mitigation measures included in the project will
avoid potentially significant effects.

Contact Person: Ted T. Fukushima
State Lands Commission
1807-13th Street
Sacramento, CA 95814

(916) 322-7813

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COMMENTS RECEIVED FROM REVIEW OF INITIAL STUDY CHECKLIST

1. United States Coast Guard
Twelfth Coast Guard District
2. National Oceanic and Atmospheric Administration
National Marine Fisheries Service

COMMENTS:

These two agencies reviewed the proposed project and had no comment to make.

3. The Resources Agency
Department of Fish and Game

COMMENT:

" #60 Recreation. We would check 'maybe' rather than 'no'. The project area is a popular Striped Bass fishing area. Modifications in topography may temporarily alter fish schooling and feeding in the area and thereby reduce fishing success. We agree with the Negative Declaration finding."

RESPONSE:

Operations in lease area will not be carried out on weekends or holidays so as to not interfere with recreational boating and fishing. (See Item 5 below).

4. The Resources Agency
Department of Conservation - Division of Mines & Geology

COMMENT:

Background Information

Project Description

The project description does not include the number of acres the proposed lease area will cover, nor the number of years in the lease term. This information is necessary to determine whether a reclamation plan is required for the commercial extraction operation under the 1975 Surface Mining and Reclamation Act, as described in CDMG Note 50 and Special Publication 51 sent with the June 18 comments on W 40140.

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RESPONSE:

The project includes an area of 513 acres. This figure will be added to the site map. The term of the lease is tentatively set for five years with one renewal period of five years. The lease includes as a standard provision the requirement that the lessee comply with all valid laws, rules and regulations of federal, state and local governments. This will require the lessee to obtain any necessary permits and approval of a reclamation plan, if required, from the local lead agency.

COMMENT:

Environmental Impacts

Earth, Nos. 3 and 6

If the extraction plans do not specify uniform surface skimming of sand from the entire acreage of the lease area, resulting in the creating of borrow pits or troughs on the bay floor, what will be the effects of the resulting waterway bottom topography on water currents and erosion potential?

RESPONSE:

The extraction plans depend on the operation plan and equipment used by the successful bidder. The transitory effects of the removal of a volume of sand from this dynamically complex area is believed to be minor, local and to have insignificant adverse effects. (See Item 5 below).

COMMENT:

Findings of Significance, No. 64

Although the cumulative impacts on San Francisco Bay of this proposed dredging operation may be minor, have any recent studies been undertaken or evaluated to determine the cumulative impacts of all of the commercial operations upon the bay?

RESPONSE:

The latest studies of San Francisco Bay and the project area available are listed below and deal with conditions of shoaling, dredging operations and the effect on the biologic community:

1. Dredge Disposal Study, San Francisco Bay and Estuary. Appendix D. U.S. Army Engineer District, San Francisco, August 1975.

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2. Sedimentation of Alcatraz - Presidio and Point Knox Shoals in San Francisco Bay.
Woodward-Lundgren and Associates, February 1974.
3. Geologic and Engineering Aspects of San Francisco Bay Fill.
Special Report 97
California Division of Mines and Geology, 1969.

The scope and consideration of a new study would require a major hydraulic/hydrologic study and a sizeable model study with the addition of extensive field data. (See Item 5 below).

5. San Francisco Bay Conservation and Development Commission

COMMENT:

... A BCDC permit will be required prior to any work ... discharges of overflow waters is regulated by the Regional Water Quality Control Board.

RESPONSE:

The Lessee will be required to obtain the necessary permit from BCDC, Regional Water Quality Control Board and U.S. Army Corps of Engineers. (See Item 4 above).

COMMENT:

Obviously, there will be the temporary destruction of the bottom area involved in the dredging operation. This will deteriorate to some extent the fish and wildlife habitat of the area.

RESPONSE:

(BCDC Draft Negative Declaration, File 4-77)

"The Corps of Engineers in a study (August 1975) of the biological communities of the adjacent Alcatraz federal disposal site concluded that nearly all of the 133 species collected could be considered transient. Such populations of marine organisms would be expected to be lower at the subject shoal areas than elsewhere in the Bay because of past and present dredging, suspended sediments from the Alcatraz spoils deposit site, and the swift currents at the Golden Gate. In addition, the Marine Fisheries Section of the California Department of Fish and Game in their continuing study of crabs, has concluded that the swift currents at the Golden Gate and sedimentation from the nearby Alcatraz disposal site inhibit crabs from living in the subject shoal areas. For the above reasons, sand

extraction at the Alcatraz Shoal area is not expected to significantly affect the habitat value for any marine organisms, especially for crabs."

COMMENT:

Item I-33 states that there will be no substantial depletion of any nonrenewable resources. It appears that when taken in connection with other existing and proposed dredging operations nearby, there may be some depletion of sand resources.

RESPONSE:

(BCDC Draft Negative Declaration 4-77)

"The Alcatraz, Presidio and Point Knox Shoal areas have been regularly dredged by private parties over a period of 30 years. Public agencies have also used these shoal areas as a source of sand, the maximum removal being 4,000,000 cubic yards in 1965 by the Bay Area Rapid Transit District. In spite of past large extractions, the California Division of Mines and Geology in 1969 reported that the current rate of use does not suggest that Bay sources of sand will be depleted rapidly. It is estimated that the present volume of sand within these shoal areas is 70,000,000 cubic yards with a replenishment rate of 1,500 cubic yards per year."

These areas could contain approximately 150 years of productive capability. In addition, the sand resources in the Southhampton Shoal and Pinole Shoal of San Pablo Bay greatly increase the reserves to fill the needs of the San Francisco Bay Area. Since the bulk of dredged sand is used in the construction industry in the Bay Area, the use of alternative upland sites would have a greater adverse impact on the human environment with greater expenditure of energy, more vehicular traffic, higher housing costs, degradation of land areas and loss of wildlife habitat.

COMMENT:

Item S-60 states that there will be no impact upon Recreational opportunities. The staff believes there may be an adverse impact upon recreational opportunities unless appropriate mitigation measures are implemented.

RESPONSE:

See Item 3 above.

COMMENT:

In previous BCDC permits of similar nature, the following mitigation measures were required to be implemented to reduce any adverse impact from the project on the environment.

RESPONSE:

The following mitigation measures suggested by the BCDC will be incorporated into the lease binding the successful bidder. (See also Item 4 above).

1. Dredging operations shall not occur on weekends or holidays to prevent conflicts with the recreational use of the area;
2. Dredging operations shall comply with the Operating Procedures for the Vessel Traffic Safety System of San Francisco Bay, monitored by the U. S. Coast Guard, to avoid any hazard to commercial or military navigation;
3. Dredging operations shall be carried out in accordance with the recommendations of the California Department of Fish and Game to avoid interference with nearby popular fishing areas; and
4. At the request of the BCDC staff, observers, including staff members of the U. S. Fish and Wildlife Service and the Department of Fish and Game, shall be allowed to come aboard the dredge to observe the dredging operations and to gather information on any effects that hydraulic sand dredging may have on aquatic resources.

END OF COMMENTS RECEIVED

Following Agencies Received Initial Study:

Mailing List

California Division of Mines & Geology
Attn.: Mr. James Davis
1416 Ninth Street
Sacramento, CA 95814

Memo

Regional Water Quality Control Board
Attn.: Mr. Donald Dalke
San Francisco Bay Region
1111 Jackson Street
Room 6040
Oakland, CA 94607

Memo

Department of Fish and Game
Attn.: Mr. Walter Dahlstrom
Marine Resources Lab
411 Burgess Drive
Menlo Park, CA 94025

Memo

Department of Fish and Game
Attn.: Mr. Donald Lollock
Environmental Services Branch
1416 Ninth Street
Sacramento, CA 95814

Memo

San Francisco Bay Conservation &
Development Commission
30 Van Ness Avenue
San Francisco, CA 94102

Attn.: Mr. Robert Batha

Memo

Department of Parks & Recreation
Attn.: Mr. James Doyle, Supervisor
Environmental Review Section
Post Office Box 2390
Sacramento, Ca 95811

Memo

California Air Resources Board
Attn. Mr. Thomas C. Austin, Executive Officer
Post Office Box 2815
Sacramento, CA 95812

Memo

The Reclamation Board
Department of Water Resources
1416 Ninth Street
Attention: Mr. James T. Allen
Sacramento, CA 95814

Memo

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Mailing List

Mr. Robert Schueneman
Chief, Environmental Branch
Department of the Army
Corps of Engineers
San Francisco District
100 McAllister Street
San Francisco, CA 94102

Letter

Mr. John Hendricks
12th Coast Guard District(dpl)
630 Sansome Street
San Francisco, CA 94126

Letter

Mr. Gene Forbes
United States Fish & Wildlife Service
2800 Cottage Way
Sacramento, CA 95825

Letter

Mr. Rolf Diamant
Golden Gate National Recreation Area
National Park Service, Bldg. 201
Ft. Mason, CA 94123

Letter

Mr. Gerald V. Howard
Regional Director, Southwest Region
National Marine Fisheries
Room 2016, 300 So. Ferry
Terminal Island, CA 90731

Letter

Mr. Ron Akamoto, Director
Planning Department
City and County of San Francisco
100 Larkin Street
San Francisco, CA 94102

Letter

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STATE LANDS COMMISSION

KENNETH CORY, Controller

MIKE CURB, Lieutenant Governor

RICHARD T. SILBERMAN, Director of Finance



EXECUTIVE OFFICE

1807 - 13th Street

Sacramento, California 95814

WILLIAM F. NORTROP

Executive Officer

File Ref.: W-40165INITIAL STUDY CHECKLISTI. BACKGROUND INFORMATION

- A. Applicant: OLIN JONES SAND CO.
1725 MARINA VISTA
MARTINEZ, CA 94553
(415) 229-4800
- B. Checklist Date: 6/26/79
- C. Contact Person: TED T. FUKUSHIMA
 Telephone: (916) 322-7813
- D. Purpose: THE REMOVAL OF COMMERCIAL CONSTRUCTION SAND
UNDER AUTHORIZATION OF A STATE LANDS COMMISSION
LEASE.
- E. Location: THE PROJECT IS LOCATED WEST OF ALCATRAZ ISLAND
IN SAN FRANCISCO BAY IN SAN FRANCISCO COUNTY AND IS
ADJACENT TO AN ACTIVE STATE SAND AND GRAVEL LEASE.
- F. Description: THE PROPOSAL INVOLVES HYDRAULICALLY DREDGING
SAND AT THE RATE OF 100,000 CU. YARDS PER YEAR WITH A
DIESEL-POWER HOPPER DREDGE AND OFF-LOADING AT
VARIOUS POINTS AS NEEDED (SEE EXHIBITS 1 AND 2)

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G. Persons Contacted: See attached Mailing List.

II. ENVIRONMENTAL IMPACTS

(Explain all "yes" and "maybe" answers)

	<u>Yes</u>	<u>Maybe</u>	<u>No</u>
A. <u>Earth.</u> Will the proposal result in:			
1. Unstable earth conditions or in changes in geologic substructures?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Disruptions, displacements, compaction, or overcovering of the soil?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Change in topography or ground surface relief features?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The destruction, covering, or modification of any unique geologic or physical features?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Any increase in wind or water erosion of soils, either on or off the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet, or lake?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Exposure of people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. <u>Air.</u> Will the proposal result in:			
8. Substantial air emissions or deterioration of ambient air quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|--|--------------------------|-------------------------------------|-------------------------------------|
| 9. The creation of objectionable odors? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. <u>Water.</u> Will the proposal result in: | | | |
| 11. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 13. Alterations to the course or flow of flood waters? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 14. Change in the amount of surface water in any water body? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 16. Alteration of the direction or rate of flow of ground waters? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 18. Substantial reduction in the amount of water otherwise available for public water supplies? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 19. Exposure of people or property to water related hazards such as flooding or tidal waves? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| D. <u>Plant Life.</u> Will the proposal result in: | | | |
| 20. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants) ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 21. Reduction of the numbers of any unique, rare or endangered species of plants? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 22. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 23. Reduction in acreage of any agricultural crop? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| E. <u>Animal Life.</u> Will the proposal result in: | | | |
| 24. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, or insects)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 25. Reduction of the numbers of any unique, rare or endangered species of animals? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 26. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 27. Deterioration to existing fish or wildlife habitat? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. <u>Noise.</u> Will the proposal result in: | | | |
| 28. Increase in existing noise levels | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 29. Exposure of people to severe noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| G. <u>Light and Glare.</u> Will the proposal result in: | | | |
| 30. The production of new light or glare? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| H. <u>Land Use.</u> Will the proposal result in: | | | |
| 31. A substantial alteration of the present or planned land use of an area? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| I. <u>Natural Resources.</u> Will the proposal result in: | | | |
| 32. Increase in the rate of use of any natural resources? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 33. Substantial depletion of any nonrenewable resources? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| J. <u>Risk of Upset.</u> Will the proposal result in: | | | |
| 34. The involvement of a risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals, or radiation) in the event of an accident or upset conditions? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| K. <u>Population.</u> Will the proposal result in: | | | |
| 35. The alteration, distribution, density, or or growth rate of the human population of the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|--|--------------------------|--------------------------|-------------------------------------|
| L. <u>Housing</u> . Will the proposal result in: | | | <input checked="" type="checkbox"/> |
| 36. Affecting existing housing, or create a demand for additional housing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| M. <u>Transportation/Circulation</u> . Will the proposal result in: | | | <input checked="" type="checkbox"/> |
| 37. Generation of substantial additional vehicular movement? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 38. Affecting existing parking facilities, or create a demand for new parking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 39. Substantial impact upon existing transportation systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 40. Alterations to present patterns of circulation or movement of people and/or goods? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 41. Alterations to waterborne, rail, or air traffic? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 42. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| N. <u>Public Services</u> . Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas: | | | <input checked="" type="checkbox"/> |
| 43. Fire protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 44. Police protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 45. Schools? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 46. Parks and other recreational facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 47. Maintenance of public facilities, including roads? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 48. Other governmental services? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| O. <u>Energy</u> . Will the proposal result in: | | | <input checked="" type="checkbox"/> |
| 49. Use of substantial amounts of fuel or energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 50. Substantial increase in demand upon existing sources of energy, or require the development of new sources of energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Yes Maybe No

P. Utilities. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

- | | | | |
|-------------------------------|--------------------------|--------------------------|-------------------------------------|
| 51. Power or natural gas? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 52. Communication systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 53. Water? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 54. Sewer or septic tanks? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 55. Storm water drainage? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 56. Solid waste and disposal? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Q. Human Health. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 57. Creation of any health hazard or potential health hazard (excluding mental health)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 58. Exposure of people to potential health hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

R. Aesthetics. Will the proposal result in:

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 59. The obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|

S. Recreation. Will the proposal result in:

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 60. An impact upon the quality or quantity of existing recreational opportunities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

T. Archeological/Historical. Will the proposal result in:

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 61. An alteration of a significant archeological or historical site, structure, object, or building? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

U. Mandatory Findings of Significance.

- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 62. Does the project have the potential to degrade the quality of the environment reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

- | | <u>Yes</u> | <u>Maybe</u> | <u>No</u> |
|--|--------------------------|--------------------------|-------------------------------------|
| 63. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 64. Does the project have impacts which are individually limited, but cumulatively considerable? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 65. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

III. DISCUSSION OF ENVIRONMENTAL EVALUATION

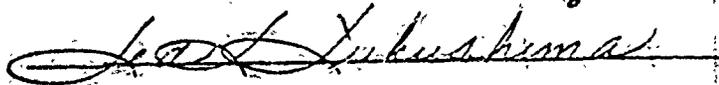
- #3. The sand dredging operation will alter the topography temporarily however, as sand continues to migrate into the proposed lease area, there should be no significant irreversible environmental impact.
- #6. Same as #3 above.

IV. DETERMINATION

On the basis of this initial evaluation:

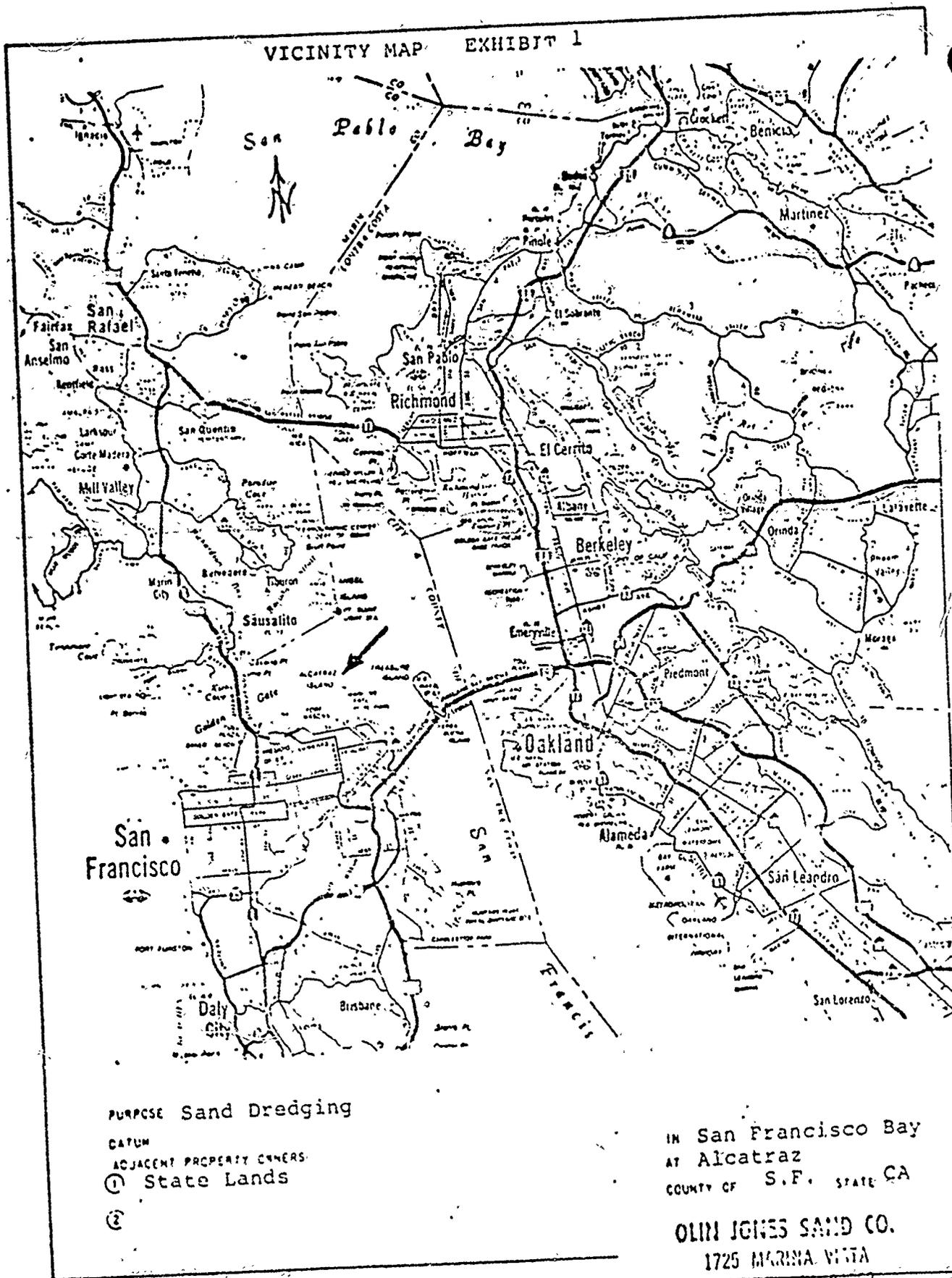
- I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A NEGATIVE DECLARATION will be prepared.
- I find the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: 6/26/79



For The State Lands Commission

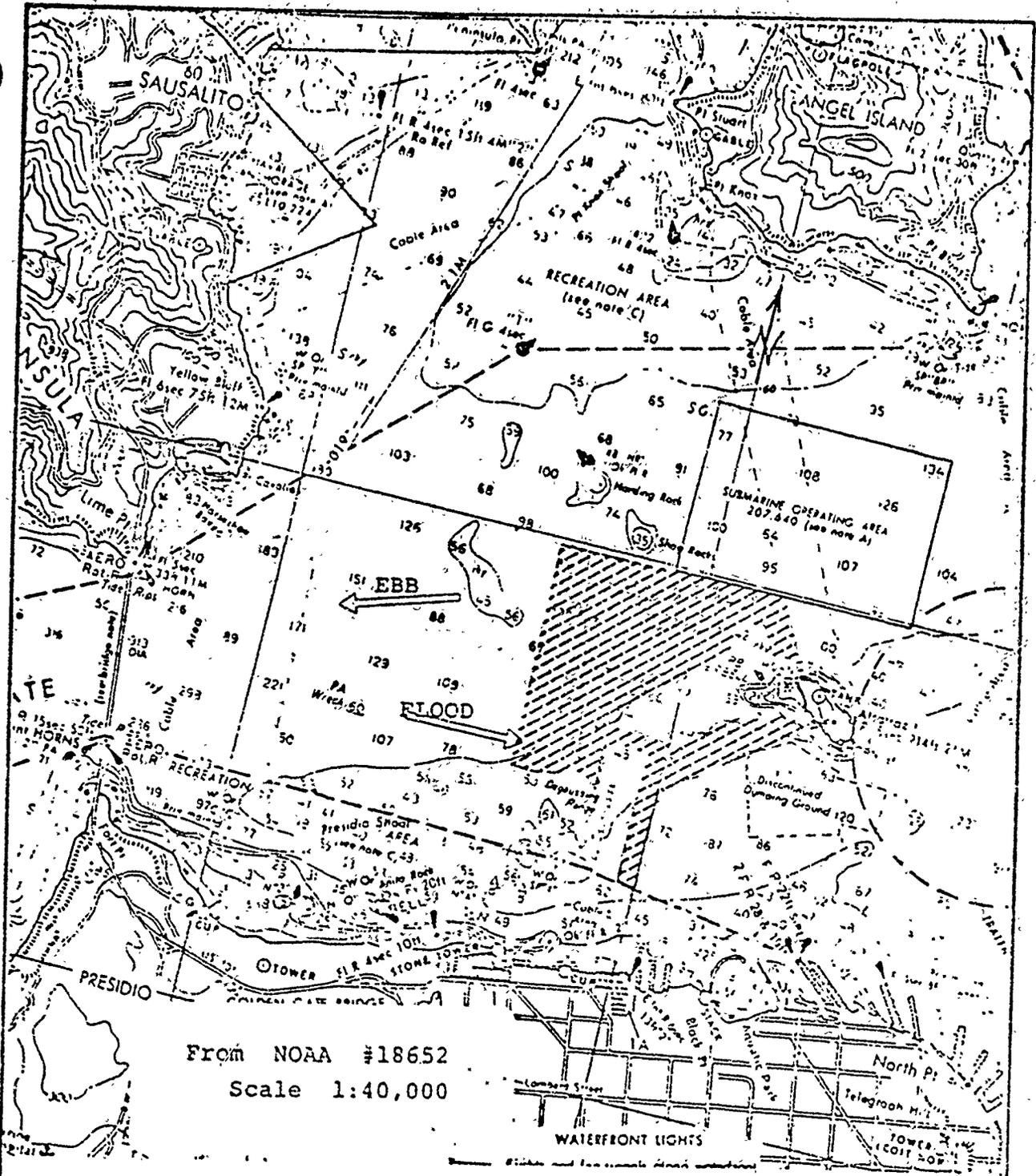
VICINITY MAP EXHIBIT 1



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 MINUTE PAGE

EXHIBIT 2



From NOAA #18652
Scale 1:40,000

PURPOSE. Sand Dredging

DATUM MLLW

ADJACENT PROPERTY OWNERS:

- ① State Lands
- ②

IN San Francisco Bay
AT Alcatraz

COUNTY OF SF STATE CA

OLIN JONES SAND CO.
1725 MARINA VISTA
MARTINEZ, CA 94553

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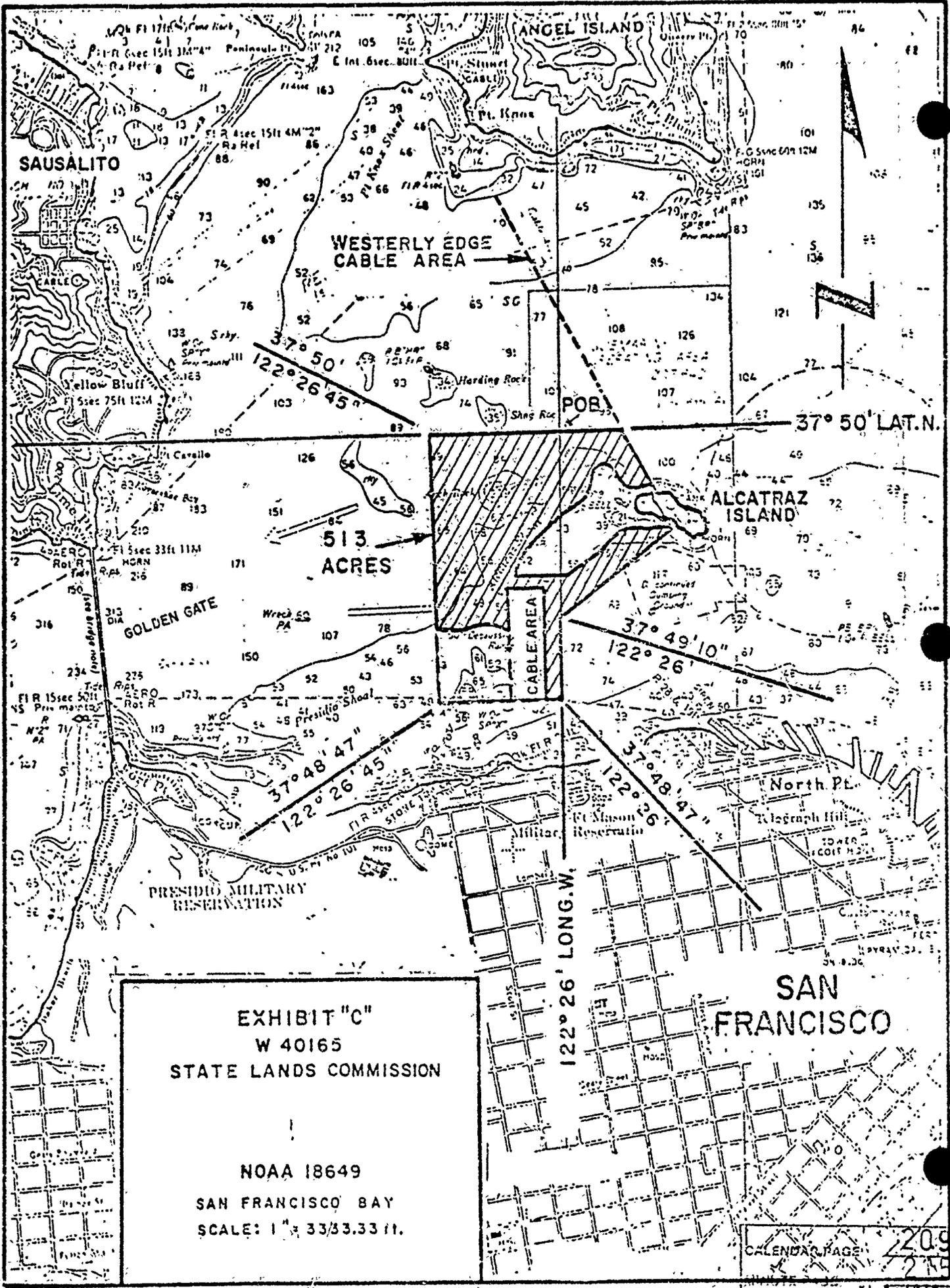


EXHIBIT "C"
 W 40165
 STATE LANDS COMMISSION

NOAA 18649
 SAN FRANCISCO BAY
 SCALE: 1" = 33/33.33 ft.

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