

MINUTE ITEM

This Calendar Item No. C19
was approved as Minute Item
No. 19 by the State Lands
Commission by a vote of 3
to 0 at its 9/23/91
meeting.

CALENDAR ITEM

C 1 9

A 2

S 2

09/23/91
PRC 7166
N. Smith

AMENDMENT OF A GENERAL PERMIT - RIGHT-OF-WAY USE

APPLICANT:

American Telephone and Telegraph Company
4430 Rosewood Drive, Room 3696
Pleasanton, California 94588

AREA, TYPE LAND AND LOCATION:

A 10.27-acre parcel of tide land in the Pacific Ocean near
Point Arena, Mendocino County.

LAND USE:

Construction and maintenance of a fiber optic cable for
telecommunications signals.

TERMS OF ORIGINAL PERMIT:

Initial period:
Continuous use plus one (1) year beginning November 1,
1987.

CONSIDERATION:

Exempt by Law, Section 7901, Public Utilities Code.

PREREQUISITE CONDITIONS, FEES AND EXPENSES:

Filing fee, processing costs, and environmental analysis
costs have been received.

STATUTORY AND OTHER REFERENCES:

- A. P.R.C.: Div. 6, Parts 1 and 2; Div. 13.
- B. Cal. Code Regs.: Title 3, Div. 3; Title 14, Div. 6.

AB 884:

10/28/91

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OTHER PERTINENT INFORMATION:

1. Amend lease description to include construction of a fiber optic from Point Arena to Japan, within State-owned sovereign land located in the Pacific Ocean.
2. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Code Regs. 15025), the staff has prepared a Proposed Negative Declaration identified as EIR ND 559, State Clearinghouse No. 91083042. Such Proposed Negative Declaration was prepared and circulated for public review pursuant to the provisions of CEQA.

Based upon the Initial Study, the Proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment. (14 Cal. Code Regs. 15074(b))

3. The annual rental value of the site is estimated to be \$3,470.
4. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370, et seq. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.

EXHIBITS:

- A. Land Description
- B. Location Map
- C. Negative Declaration

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 559, STATE CLEARINGHOUSE NO. 91083042, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
2. ADOPT THE NEGATIVE DECLARATION AND THE MITIGATION MONITORING PLAN AND DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

CALENDAR ITEM NO. C 1 9 (CONT'D)

3. AUTHORIZE AMENDMENT OF PERMIT PRC 7166, GENERAL PERMIT -
RIGHT-OF-WAY USE FOR THE LAND DESCRIBED ON EXHIBIT "A"
ATTACHED AND BY REFERENCE MADE A PART HEREOF.

EXHIBIT "A"

PRC 7166

LAND DESCRIPTION

Two 10 foot strips of tide and submerged land located the Pacific Ocean, north of Point Arena, Mendocino County, California, lying 5 feet on each side of the following described centerlines:

PARCEL 1

COMMENCING at a point at Latitude $38^{\circ} 58.92' N$, Longitude $123^{\circ} 42.35' W$; thence northwesterly on an azimuth of 302.3° to the ordinary high water mark of the Pacific Ocean and the POINT OF BEGINNING; thence continuing along on the azimuth of 302.3° to a point at Latitude $38^{\circ} 59.15' N$, Longitude $123^{\circ} 42.75' W$, hereafter known as Point "A"; thence northwesterly on an azimuth of 307.7° to a point at Latitude $38^{\circ} 59.17' N$, Longitude $123^{\circ} 42.79' W$; thence northwesterly on an azimuth of 306.5° to a point at Latitude $38^{\circ} 59.93' N$, Longitude $123^{\circ} 44.11' W$; thence northwesterly on an azimuth of 315.6° to a point on the offshore ownership boundary of the State of California as determined according to the decree entered by the United States Supreme Court in United States v. California, Original No. 5 on January 31, 1966, 382US488, and the end of the herein described centerline.

PARCEL 2

BEGINNING at Point "A" in the abovementioned Parcel 1; thence northwesterly on an azimuth of 319.1° to a point on the offshore ownership boundary of the State of California as determined according to the decree entered by the United States Supreme Court in United States v. California, Original No. 5 on January 31, 1966, 382US488, and the end of the herein described centerline.

EXCEPTING THEREFROM any portion lying landward of the ordinary high water mark of the Pacific Ocean.

END OF DESCRIPTION

PREPARED SEPTEMBER, 1991 BY LLB

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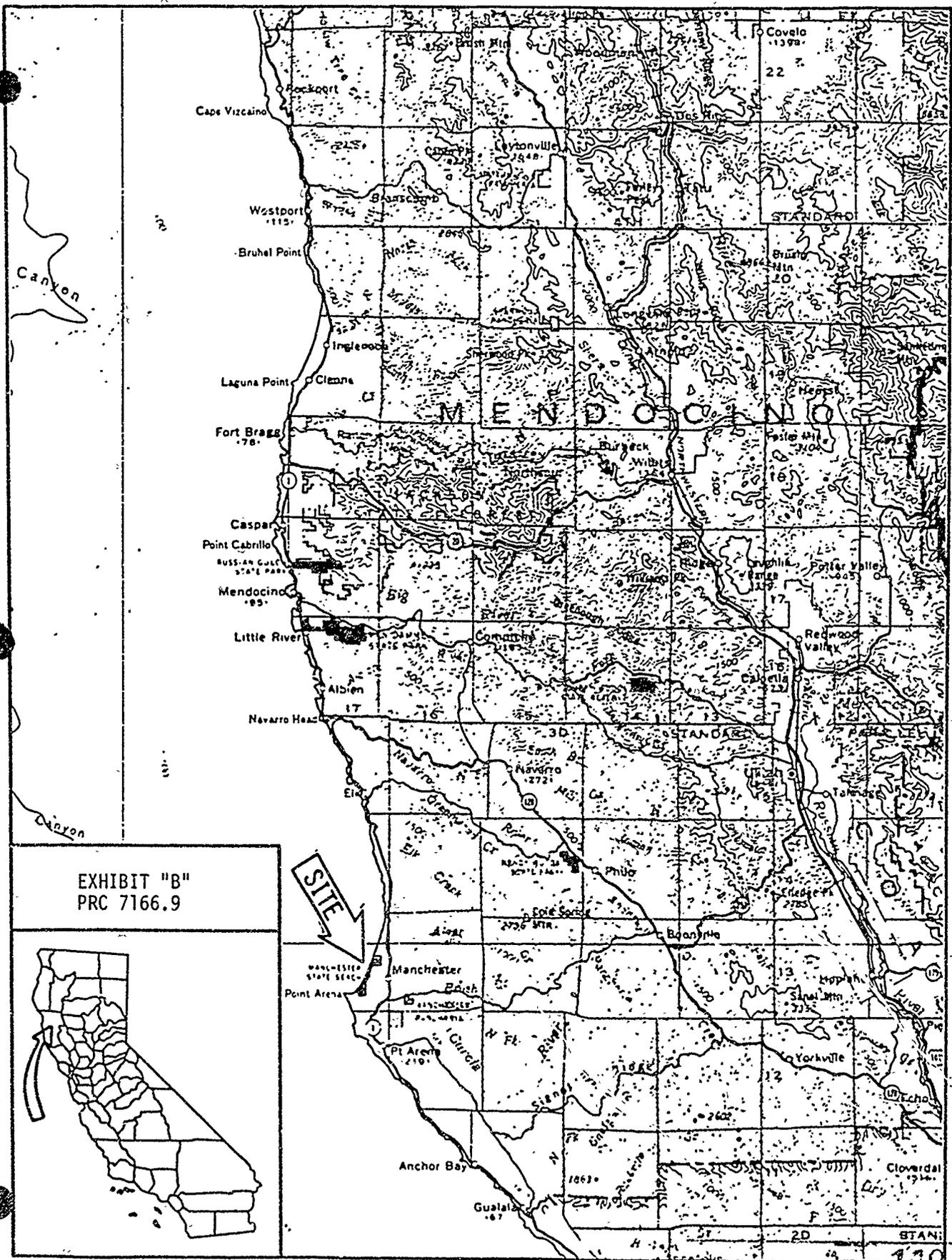


EXHIBIT "B"
 PRC 7166.9



STATE LANDS COMMISSION

LEO T. McCARTHY, *Lieutenant Governor*
 GRAY DAVIS, *Controller*
 THOMAS W. HAYES, *Director of Finance*

EXECUTIVE OFFICE
 1807 - 13th Street
 Sacramento, CA 95814

CHARLES WARREN
 Executive Officer

**AMENDED
 NOTICE OF PUBLIC REVIEW
 OF A PROPOSED NEGATIVE DECLARATION**

August 21, 1991
 EIR ND 559
 File: PRC 7166
 SCH No. 91083042

Project Title: POINT ARENA TO JAPAN FIBER OPTIC CABLE (TPC-4)

Project Proponent: American Telephone and Telegraph Company

Amended Project Location: From AT&T's facilities west of Hwy. 1, near Point Arena and Manchester State Beach, Mendocino County, to Chikura, Japan.

Project Description: This project proposes to construct and place a 2" fiber optic cable within a 2' wide, 4' deep trench onshore and to be pulled through an existing conduit which will exit .4 miles from shore. The offshore portion of the cable will be trenched approximately two feet for a distance to the edge of the continental shelf, where the cable will simply rest on the ocean floor for the remainder of the route.

Contact Person: Judy Brown Telephone: (916) 324-4715

A Negative Declaration has been prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Code Regulations) for a project currently being processed by the staff of the State Lands Commission.

A copy of this document may be obtained by written request to the State Lands Commission, 1807 - 13th Street, Sacramento, California 95814 or by calling the contact person. All comments must be received by September 16, 1991.

CHARLES WARREN
 Executive Officer

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STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor
GRAY DAVIS, Controller
THOMAS W. HAYES, Director of Finance

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95814
CHARLES WARREN
Executive Officer

August 16, 1991
File Ref.: PRC 7166
EIR/ND: 559

NOTICE OF PUBLIC REVIEW OF A PROPOSED NEGATIVE DECLARATION
(SECTION 15073 CFR)

A Negative Declaration has been prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission Regulations (Section 2901 et seq., Title 2, California Code Regulations) for a project currently being processed by the staff of the State Lands Commission.

The document is attached for your review. Comments should be addressed to the State Lands Commission office shown above with attention to the undersigned. All comments must be received by September 16, 1991.

Should you have any questions or need additional information, please call the undersigned at (916) 324-4715.


JUDY BROWN
Division of Environmental Planning
and Management

Attachment

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STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor
GRAY DAVIS, Controller
THOMAS W. HAYES, Director of Finance

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95814

CHARLES WARR
Executive Officer

PROPOSED NEGATIVE DECLARATION

EIR ND 559

File: PRC 7166

SCH No. 91083042

Project Title: POINT ARENA TO JAPAN FIBER OPTIC CABLE (TPC-4)

Project Proponent: American Telephone and Telegraph Company

Project Location: From AT&T's facilities west of I-5, near Point Arena and Manchester State Beach, Mendocino County, to Chikura, Japan.

Project Description: This project proposes to construct and place a 2" fiber optic cable within a 2' wide, 4' deep trench onshore and to be pulled through an existing conduit which will exit .4 miles from shore. The offshore portion of the cable will be trenched approximately two feet for a distance to the edge of the continental shelf, where the cable will simply rest on the ocean floor for the remainder of the route.

Contact Person: Judy Brown Telephone: (916) 324-4715

This document is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission regulations (Section 2901 et seq., Title 2, California Code Regulations).

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

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

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

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ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

Form 13.20 (7/82)

File Ref.: PRC 7166

I. BACKGROUND INFORMATION

A. Applicant: American Telephone & Telegraph Company
c/o Black & Veatch
P. O. Box 8405
Kansas City, Missouri 64114

B. Checklist Date: 07 / 29 / 91

C. Contact Person: Judy Brown
 Telephone: (916) 324-4715

D. Purpose: To construct, maintain and operate a submarine fiber optic cable

E. Location: From AT&T facilities at Point Arena, California, to Chikura, Japan

F. Description: Installation of a 2" fiber optic cable which will involve the construction of a 4' trench onshore for approximately 300 feet from AT&T's existing communication facilities to an existing 5" diameter steel pipe. The cable will be pulled through

G. Persons Contacted: the existing steel pipe which exits .4 miles from shore. The remainder of the cable will be trenched approximately two feet into the ocean floor for a distance extending to the edge of the continental shelf (approximately 40 miles from shore). From the edge of the continental shelf to Japan, the cable will rest on the ocean floor.

Valerie Gizinski
Department of Parks and Recreation
396 Tesconi Court
Santa Rosa, CA 95401

II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

A. *Earth*. Will the proposal result in:

Yes Maybe No

- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Unstable earth conditions or changes in geologic substructures? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Disruptions, displacements, compaction, or overcovering of the soil? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Change in topography or ground surface relief features? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Exposure of all 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"/> |

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B. *Air*. Will the proposal result in:

Yes Maybe No

- 1. Substantial air emissions or deterioration of ambient air quality?
- 2. The creation of objectionable odors?
- 3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?

C. *Water*. Will the proposal result in:

- 1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters?
- 2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?
- 3. Alterations to the course or flow of flood waters?
- 4. Change in the amount of surface water in any water body?
- 5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?
- 6. Alteration of the direction or rate of flow of ground waters?
- 7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?
- 8. Substantial reduction in the amount of water otherwise available for public water supplies?
- 9. Exposure of people or property to water-related hazards such as flooding or tidal waves?
- 10. Significant changes in the temperature, flow or chemical content of surface thermal springs?

D. *Plant Life*. Will the proposal result in:

- 1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?
- 2. Reduction of the numbers of any unique, rare or endangered species of plants?
- 3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?
- 4. Reduction in acreage of any agricultural crop?

E. *Animal Life*. Will the proposal result in:

- 1. 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)?
- 2. Reduction of the numbers of any unique, rare or endangered species of animals?
- 3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?
- 4. Deterioration to existing fish or wildlife habitat?

F. *Noise*. Will the proposal result in:

- 1. Increase in existing noise levels?
- 2. Exposure of people to severe noise levels?

G. *Light and Glare*. Will the proposal result in:

- 1. The production of new light or glare?

H. *Land Use*. Will the proposal result in:

- 1. A substantial alteration of the present or planned land use of an area?

I. *Natural Resources*. Will the proposal result in:

- 1. Increase in the rate of use of any natural resources?
- 2. Substantial depletion of any nonrenewable resources?

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J. *Risk of Upset.* Does the proposal result in:

Yes Maybe No

- 1. 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?
- 2. Possible interference with emergency response plan or an emergency evacuation plan?

K. *Population.* Will the proposal result in:

- 1. The alteration, distribution, density, or growth rate of the human population of the area?

L. *Housing.* Will the proposal result in:

- 1. Affecting existing housing, or create a demand for additional housing?

M. *Transportation/Circulation.* Will the proposal result in:

- 1. Generation of substantial additional vehicular movement?
- 2. Affecting existing parking facilities, or create a demand for new parking?
- 3. Substantial impact upon existing transportation systems?
- 4. Alterations to present patterns of circulation or movement of people and/or goods?
- 5. Alterations to waterborne, rail, or air traffic?
- 6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?

N. *Public Services.* Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:

- 1. Fire protection?
- 2. Police protection?
- 3. Schools?
- 4. Parks and other recreational facilities?
- 5. Maintenance of public facilities, including roads?
- 6. Other governmental services?

O. *Energy.* Will the proposal result in:

- 1. Use of substantial amounts of fuel or energy?
- 2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?

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

- 1. Power or natural gas?
- 2. Communication systems?
- 3. Water?
- 4. Sewer or septic tanks?
- 5. Storm water drainage?
- 6. Solid waste and disposal?

Q. *Human Health.* Will the proposal result in:

- 1. Creation of any health hazard or potential health hazard (excluding mental health)?
- 2. Exposure of people to potential health hazards?

R. *Aesthetics.* Will the proposal result in:

- 1. 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?

S. *Recreation.* Will the proposal result in:

- 1. An impact upon the quality or quantity of existing recreational opportunities?

T. *Cultural Resources.*

Yes Maybe No

- 1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?
- 2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?
- 3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?
- 4. Will the proposal restrict existing religious or sacred uses within the potential impact area?

U. *Mandatory Findings of Significance.*

- 1. 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?
- 2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?
- 3. Does the project have impacts which are individually limited, but cumulatively considerable?
- 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

See attached.

IV. PRELIMINARY 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: 08 / 02 / 91

Judy A. Benner
 For the State Lands Commission DATE: 8/2/91 147
 3186
 WHITE PAGE
 Form 10-20 (7/82)

Project Description

This project proposes the construction and placement of a 2" fiber-optic communication cable between the existing AT&T facilities at Point Arena, California to Chikura, Japan with a branch to Point Alberni, British Columbia, Canada.

An existing cable was placed in 1987 from AT&T's communication facility at Point Arena to Hawaii after certification of a Negative Declaration prepared by staff of the State Lands Commission (SCH 87081115). Part of the Point Arena to Hawaii onshore cable route included the placement of a steel pipe which was bored under Point Arena Mountain Beaver habitat and the State Manchester Beach and which exited .4 miles from shore. The steel pipe can accommodate up to three cables. This project proposes placement of the second cable within the 5" steel pipe.

On shore the trench width, depth and length will be 2' x 4' x 300'. The first 200 feet of construction of the trench will occur within AT&T's communication yard which is composed of loose gravel. The remaining 100 feet of area to be trenched will disturb low-growing groundcover.

From the waterward end of the steel pipe to a water depth of 60 feet, divers will retrobury the cable using water jetting equipment to a depth of two feet. The trench width in ocean waters will be approximately two feet. At ocean depths greater than 60 feet, cable burial will be accomplished by use of a tethered, unmanned, remote controlled piece of equipment called a SCARAB. The SCARAB will be operated from the Lay/Burial vessel and the cable ship and will be used to dig a trench two feet deep to the edge of the continental shelf. The SCARAB travels over the cable and uses water jets to excavate a two-foot deep trench in the soil on the ocean floor. The cable falls onto the trench and is covered with soil by the natural movement of the ocean.

The lay/burial vessel will be located .4 miles off-shore over the ocean side end of the existing five-inch diameter steel pipe and carry the cable necessary to extend from the AT&T facility to approximately 2.3 miles off-shore. The installation of the cable will require approximately seven anchor shifts. The tugboat will be used to move the anchors which will hold the lay/burial vessel in place while the cable is pulled from the vessel through the existing five-inch diameter steel pipe to the AT&T facility.

Upon completion of the project, all onshore ground surfaces will be restored to original conditions.

Environmental Setting

This cable route will be constructed within the same corridor as a previous cable placed in 1987 and will begin at AT&T's Point Arena facility, near Kinney Road, which provides access from Highway 1 into Manchester State Beach, Mendocino County. There will be 300 feet of new ground disturbance between AT&T's facility at Point Arena to an existing steel pipe, which was directionally bored under the Pt. Arena Mountain Beaver habitat and under the coastal dunes of Manchester State Beach in 1987. The first 200 feet of cable will be trenched within AT&T's facility which is a graveled surface. The remaining 100 feet of cable will be trenched through sparsely vegetated low-growing ground cover.

The steel pipe exits in the ocean .4 miles from shore. The ocean bottom was surveyed within the cable route in the fall of 1986 by Alpine Ocean Seismic Survey, Inc. for construction activities proposed in 1987. The results of the survey indicated that the cable route would avoid existing rock outcrop areas. Mr. Dan Gotshall, marine biologist, has indicated that as a result of his involvement in a survey of the Arena Rock reef in 1989, the proposed cable placement will be north and east of the Arena Rock reef and, that diver surveys of the reef did not reveal the presence of giant kelp, Macrocystis (statement attached).

The State Lands Commission certified a Negative Declaration in 1987 for AT&T to place a cable from their Point Arena facilities to Hawaii. During the environmental review process, meetings and discussions between State Lands Commission staff, AT&T staff, and interested agencies and individuals resulted in several amendments to the project which minimized or eliminated potential impacts on the Point Arena Mountain Beaver, Aplodontia rufa nigra and/or its habitat. Those project modifications have been incorporated into the project description for the placement of the second cable.

In addition, AT&T agreed to manage its property in a manner consistent with conservation of the Mountain Beaver, including but not limited to:

- a) minimization of use of unnecessary foot trails;
- b) avoidance of burrows and vegetation in the habitat area;
- c) repair and maintenance of the fencing around its property;

Upon conclusion of the first project in 1987, AT&T cooperated with authorized agencies and individuals wishing to access AT&T's property to monitor and study the Mountain Beaver and its habitat. The present status of the Point Arena Mountain Beaver, Aplodontia rufa nigra is:

California
Federal

Species of Special Concern
Proposed Endangered

DISCUSSION OF ENVIRONMENTAL EVALUATION
AMERICAN TELEPHONE AND TELEGRAPH COMPANY
SUBMARINE FIBER OPTIC CABLE
PT. ARENA, MENDOCINO COUNTY TO CHIKURA, JAPAN

A. Earth

1. No. This proposal does not include disturbance of any geologic substructures, as surface disturbance onshore will be a maximum of 4' and offshore ocean bed disturbance will be 2' to the edge of the continental shelf.
2. No. Soil will be temporarily displaced during the trenching activities. The land portion of the trench will involve a 4' x 300' area from A T & T's facility to a previously installed 3000', 5" diameter steel pipe. The waterward portion of the construction proposes a cable burial depth of 2' within the ocean from .4 miles from shore out 40 miles to the continental shelf. From the edge of the continental shelf to Japan, the cable will rest on the surface of the ocean floor.
3. No. This project involves the construction of a trench to bury a 2" cable. Ground surface features onshore will be restored to original conditions upon completion. Trenches within the ocean are expected to fill naturally redistributing the displaced soils with the movement of the ocean current.
4. No unique geologic or physical features have been identified within the project area. All onshore construction will occur on A T & T property. The cable route avoids State Manchester Beach by use of an existing steel pipe which has been bored underneath the State Park to accommodate a similar cable placement and two future cable placement projects. The offshore cable placement route from shore to the edge of the continental shelf will be aligned adjacent to a previously placed cable in 1987 for which bottom surveys were conducted.
5. No. On shore, trenches will be backfilled and compacted to reduce erosion of disturbed soil. The project proposes 100 feet of natural vegetation disturbance to low-growing groundcover which is expected to revegetate naturally.

6. No. Offshore, the trench will be two feet in depth extending to the continental shelf. This is expected to be an insignificant impact as the natural movement of the ocean is expected to redistribute the bottom soils.
7. No. This project will not expose people or property to geologic hazards as it involves the construction of a trench and shallow placement of a cable below the earth's surface.

B. Air

1. No. Substantial air emissions are not expected, as one backhoe, deadman anchor, winch and horizontal cable sheave will be used on shore. The duration of the onshore construction activity is anticipated to be two weeks. Offshore equipment will involve one lay/burial vessel, one diver support vessel, a tug boat and a patrol boat. Offshore construction activity is anticipated to be completed within one week. The construction equipment impacts to the air quality will be short-term and insignificant.
2. No hazardous materials are proposed for use on this project which would create objectionable odors.
3. No. This project does not propose to place any above ground structures which would affect air movement, moisture or temperature changes.

C. Water

1. No. This project would not affect the course or direction of water movements as it does not propose an intake or outfall structure or any permanent turbine-related activity.
2. No. Once the cable has been installed, all onshore trenches will be filled, compacted and restored to original conditions eliminating any surface drainage impacts.
3. No. This project proposes to bury a 2" cable which will not affect the course or flow or flood waters.
4. No. This project does not propose to pump, expel or transport water or liquids.
5. No. Offshore construction will result in a minor, temporary increase of water turbidity on the ocean floor due to trenching activities.

- 6-7. No. This project does not propose to disturb ground water or underground aquifers.
8. No. This project does not propose the use of public water supplies.
9. No. Four divers will be used during the ocean construction of the cable placement which will be monitored by the lay/burial vessel.
10. No. This project does not propose the disturbance of any surface thermal springs as none have been identified within the project route.

D. Plant Life

1. No. The onshore disturbance will involve the construction of a 300-foot trench from the AT&T facility to the existing five-inch diameter steel pipe. The first 200 feet of the trench is located within a graveled, fenced-in yard. The remaining 100 feet of trench is located in the field north of the AT&T yard area which is sparsely vegetated with low growing ground cover vegetation.

The cable route and anchor areas are located within 100 feet north and east of the Arena Rock reef which will avoid disturbance to giant kelp, Macrocystis, per correspondence received from Dan Gotshall, Marine Biologist, attached.

2. No. No threatened or endangered plant species are known to exist at this location. This project proposes to disturb areas adjacent to a previously placed cable in 1987 for which a Negative Declaration was prepared by staff (SCH 87081105).
3. NO. This project does not propose to introduce any new species of plants into an area nor propose any above-ground structures which could act as a barrier to the normal replenishment of existing species.
4. No. This project does not propose to disturb any agricultural crop lands.

E. Animal Life

1. No. This project does not propose to affect the diversity of species or numbers of species of any animals. The habitat area of the Point Arena Mountain Beaver has been monitored for three years since the HAW-4 Cable Landing project. The following measures have been incorporated into the project description to reduce construction impacts to a level of insignificance:
 - a) Construction activities will be relocated outside the most current delineation of the habitat area of the Point Arena Mountain Beaver habitat, identified by Mr. Dale T. Steele as indicated on the attached Cable Profile;
 - b) The construction area will be fenced for the duration of the project to prevent encroachment of construction personnel into the most current habitat area of the Point Arena Mountain Beaver. In addition, warning signs will be placed along the perimeter of the habitat area stating "Environmentally Sensitive Area, Do Not Enter";
 - c) Prior to the start of construction, all workers at the site will be informed about the Point Arena Mountain Beaver and instructed to not enter the "Environmentally Sensitive Area";
 - d) Construction will be scheduled to avoid the reproductive cycle (February to May) of the Point Arena Mountain Beaver;;
 - e) A qualified biologist will be on the construction site to monitor the Point Arena Mountain Beaver during the construction activities.
2. No. See #1 above.
3. No. This project does not propose to introduce or place any new species of animals to the area nor propose any above-ground structures which would affect the migration or movement of animals.

4. No. The onshore construction of the cable between the AT&T yard and the existing 5" diameter steel cable will involve the disturbance of a 100' area of a field containing low-growing ground cover. The delineation of the Point Arena Mountain Beaver habitat has been identified by Dale Steel, A Qualified Ecologist, and will be avoided. Please refer to response in E.-1, above.

F. Noise

1. No. There will be short-term, unavoidable noise caused by construction equipment during the onshore trenching activities which will occur on AT&T property. Construction activity will occur within normal, daytime working hours.
2. No. Construction activity will not involve any beach disturbance. Offshore construction will occur below the water surface.

G. Light and Glare

1. No. This project does not propose any permanent above-ground construction.

H. Land Use

1. No. This project does not proposed to alter the existing or known future uses within the project vicinity.

I. Natural Resources

1. No. This project does not propose to increase the rate of use of any natural resource, as it does not propose the consumption of water, air or land.
2. No. This project does not proposed to deplete any supplies of nonrenewable resources, other than to temporarily operate some heavy equipment to conduct the excavation of the trench.

J. Risk of Upset

1. No. The cable is designed for a 30-year life with no planned maintenance. Disruptions to the cable can be located and repaired utilizing hand recovery and replacement techniques with minor disturbances to the environment.

2. No. This project will not interfere with any emergency evacuation plan as it proposes to bury a 2" communication cable.

K. Population

1. No. This project will involve a small number of employees: four laborers, four divers, and associated support and supervisory personnel for a project duration of three weeks; and therefore will not alter the distribution, density or growth rate of the human population within this area.

L. Housing

1. No. This project involves a small number of employees for a short period of time and will not create a significant demand for additional housing.

M. Transportation

1. No. The size and amount of trenching proposed for the onshore portion of the cable route will not cause significant increases in vehicular movement within the area.
2. No. The onshore construction work will be performed on AT&T property which will accommodate the construction equipment and personnel vehicles required for the conduct of this project.
3. No. This project does not propose numerous truck trips to and from the construction site accomplish this project and will therefore not create a substantial impact upon existing transportation systems.
4. No. This project does not propose numerous truck trips to and from the construction site and will not affect the alteration of present patterns of circulation or movement of people and/or goods.
5. No. Waterborne vessels required to conduct this project include: One lay/burial vessel, one diver support vessel, a tugboat, and a patrol boat. Communication during the cable pulling operation will be by VHF radio.
The distance from the AT&T facility onshore to the outer continental shelf is approximately 40 miles and will take approximately one week to complete. This impact is expected to be minimal and of short duration.

6. No. This project does not propose significant increases in traffic activity once the equipment arrives at the AT&T facility, and will therefore not affect an increase in traffic hazards to pedestrians, bicyclists or vehicles.

N. Public Services

1. No. This project does not propose any above-ground structures or the use of hazardous materials which would require additional fire protection services.
2. No. This project does not propose any habitable or above-ground structures requiring additional police protection.
3. No. This project does not propose any habitable structures or long-term projects requiring employees to relocate their families.
4. No. This project does not propose a housing development which would require the development of additional park and recreation facilities.
5. No. This project does not propose a significant increase in the use of public facilities or roads which would require additional maintenance beyond that which presently exists.
6. No. This project does not propose a development which would require the consideration of additional governmental services.

O. Energy

1. No. This project will not require the construction or consideration of new utilities. An existing energy source exists within the AT&T communication yard at Pt. Arena which will serve the existing cable to Hawaii and this proposed cable to Japan, as well as a third future cable. The voltage within each cable will vary from 3000 to 5500 volts.
2. No. This project proposes to provide reliable communication and data service between the United States' West Coast, British Columbia and Japan.
3. No. This project will not require additional water services to be provided, as it will not consume water.

4. No. This project does not propose a habitable development requiring sewer or septic tanks.
5. No. This project does not involve any structures requiring storm water drainage capabilities.
6. No. This project does not propose a habitable development or project requiring the disposition of any solid waste and disposal.

Q. Human Health

1. No. The proposed cable will be buried underground and will not create any known health hazard as a result.
2. No. See #1 above.

R. Aesthetics

1. No. The proposed project will involve burial of a fiber optics cable and does not propose any above ground structures or reconfiguration of the existing topography.

S. Recreation

1. No. Recreational opportunities known to exist within the project vicinity occur at Manchester State Beach. As stated previously, a steel cable was placed in 1988 which was directionally bored under the State Beach and exits .4 miles from shore. There will be no anticipated impacts to recreational uses of the State Beach.

T. Cultural Resources

1. No area will be disturbed having cultural resources values. Ann Peak and Associates have completed cultural clearances for the onshore portion of cable as part of the Point Arena to Dunnigan project previously submitted to the State Lands Commission.
2. No. This proposal does not involve the disturbance to any buildings.
3. No. See response in #1 above.
4. No. The onshore trenching activity will occur on AT&T property.

U. Mandatory Findings of Significance

1. No. Anticipated construction impacts will be minor and for a short-term. The project is located approximately 80 feet west of the Pt. Arena Mountain Beaver habitat; however, measures have been incorporated into the project description.
2. No. The construction activity is expected to be minimal and short term: two weeks onshore and one week offshore.
3. No. Temporary, short-term increases in noise and temporary soil disturbance are expected to occur during onshore construction activities. A small temporary increase in boat traffic for one week will occur due to the support vessels required to conduct this project offshore. These impacts are not viewed as cumulatively considerable.
4. No. As discussed previously, there have been no significant effects identified which would result from this proposed project.

PROJECT MODIFICATION AND MONITORING PLAN

1. Impact: The ground surface will be disturbed during the excavation of a trench for the placement of a 2" fiber optic cable.

Project Modification:

Trenches will be backfilled with the removed material and compacted in accordance with ASTM Standard D2922-81. All disturbed surfaces will be returned to pre-existing conditions.

Monitoring:

Applicant will provide the staff of the State Lands Commission with certification that the compaction standards have been met.

2. Impact: The project will be located near an area identified as Pt. Arena Mt. Beaver habitat.

Project Modification:

- a) Construction activities will be relocated outside the most current delineation of the habitat area of the Point Arena Mountain Beaver habitat, identified by Mr. Dale T. Steele as indicated on the attached Cable Profile;
- b) The construction area will be fenced for the duration of the project to prevent encroachment of construction personnel into the most current habitat area of the Point Arena Mountain Beaver. In addition, warning signs will be placed along the perimeter of the habitat area stating "Environmentally Sensitive Area, Do Not Enter";
- c) Prior to the start of construction, all workers at the site will be informed about the Point Arena Mountain Beaver and instructed to not enter the "Environmentally Sensitive Area";
- d) Construction will be scheduled to avoid the reproductive cycle (February to May) of the Point Arena Mountain Beaver;
- e) A qualified biologist will be on the construction site to monitor the Point Arena Mountain Beaver during the construction activities.

- f) Applicant will notify staff of the State Lands Commission 72 hours prior to the placement of the fence.

Monitoring:

Staff of the State Lands Commission, or its designated representative, will verify:

- a) the proper delineation of the habitat;
 - b) the fencing of the construction area;
 - c) that construction workers have been informed and instructed about the Pt. Arena Mountain Beaver habitat and avoidance thereof;
 - d) that the construction schedule will avoid the breeding season (February-May) of the Point Arena Mountain Beaver; and,
 - e) that a qualified biologist will be on site to monitor the construction activities.
3. Impact: The project will produce temporary construction noise.

Project Modification:

The hours of construction will be limited to daytime hours.

Monitoring:

Staff of the State Lands Commission, or its designated representative, will verify daily close of operations.

4. Impact: The project will cause a temporary increase in vessel traffic offshore Pt. Arena and the State Manchester Beach area.

Project Modification:

Vessel communication during the construction activities will be transmitted by VHF radio. The applicant will provide written notification to the U.S. Coast Guard at least 72 hours prior to beginning construction activities.

Monitoring:

Applicant will send a copy of written notification to staff of the State Lands Commission. Commission staff, or its designated representative, will monitor any concerns expressed by the U.S. Coast Guard during the conduct of this project.

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MINUTE PAGE	3200



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Fish and Wildlife Enhancement
Sacramento Field Office
2800 Cottage Way, Room E-1803
Sacramento, CA 95825-2846



In Reply Refer To:
1-1-91-TA-7708

July 22, 1991

Black and Veatch
Attn: S.R. Innow
8400 Ward Parkway
P.O. Box No. 8405
Kansas City, Missouri 64114

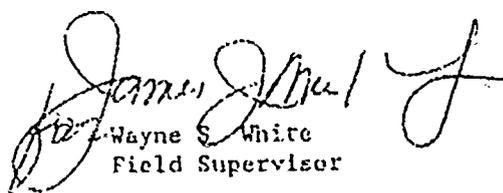
Subject AT&T TPC-4 Cable Landing at Point Arena, California

Dear Mr. Innow:

The Fish and Wildlife Service has reviewed the materials submitted with your letter of July 10, 1991, with regard to the effects of the proposed project on the Point Arena mountain beaver (Aplodontia rufa nigra). We concur with your determination that the proposed project is not likely to adversely affect this species. Therefore, in accordance with the provisions of 50 CFR § 402.13, consultation pursuant to the Endangered Species Act, as amended, is hereby terminated, and no further action under this authority is required.

Thank you for your concern for our fish and wildlife resources. If you have further questions regarding this matter, please call Mike Horton of my staff at (916) 978-4866 or ITS 460-4866.

Sincerely,


Wayne S. White
Field Supervisor

cc. ARD (FWE), FWS, Portland, Oregon
FWS-SFO (Federal Projects), Sacramento, CA

CALL LOG PAGE 162
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DEPARTMENT OF PARKS AND RECREATION

Northern Region Headquarters
96 Tesconi Court
Santa Rosa, California 95401-4653
(707) 576-2188



March 26, 1991

Mr. S. R. Ihnow
Black & Veatch
8400 Ward Parkway
P.O. Box 8405
Kansas City, Missouri 64114

Dear Mr. Ihnow:

Thank you for the opportunity to review your AT&T project regarding installation of a second fiber-optic cable (within a previously installed steel duct) beneath the surface of the lands and beach of Manchester State Beach.

Installation of three steel ducts and the first fiber-optic cable were performed under a Temporary Use Permit issued after extensive environmental and project reviews were conducted. That Temporary Use Permit remains in effect and will be renewed before it expires on August 24, 1991.

Except for potential adverse impacts to the sensitive Point Arena Mountain Beaver, the proposed project will not affect other State Park resources or disturb State Park lands. We were pleased to receive your letter of March 19, 1991 describing the AT&T/Black & Veatch plan to protect the Point Arena Mountain Beaver during construction. This plan is in full accord with the recommendations of biologist Dale T. Steele and is in keeping with the intent of our Permit Condition #17. The proposed project activities are within the scope of the current Temporary Use Permit and therefore no additional permit will be required by this Department.

We wish to thank AT&T and Black & Veatch for their cooperation in this matter, for their sensitivity to State Park resources, and for taking all reasonable precautions to protect and minimize disturbance to the Point Arena Mountain Beaver habitat and population.

Sincerely,

Carl S. Chavez
Carl S. Chavez
Regional Director

cc: Mendocino District
Resource Protection Division
Dale T. Steele



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ROUTE PAGE 3203

Mr. and Mrs. Daniel W. Gotshall
4 Sommerset Rise
Skyline Forest
Monterey, California 93940

TO: S.R. Innow
Black & Veatch
8400 Ward Parkway
P.O. Box 8405
Kansas City, Missouri 64114

FROM: Daniel Gotshall
Marine Biologist
4 Somersset Rise
Monterey, CA 93940

SUBJECT: Report on hard bottom habititat for giant kelp in
the vicinity of proposed TPC-4 cable area.

I have examined the map that you provided showing your proposed area for anchoring and burying the TPC-4 cable. This area contains only one hard bottom reef area, Arena Rock reef. In September 1989, I was involved in a bathymetric survey of this reef which resulted in an underwater map of the entire reef (Figure 1 and 2). Please note that the latitude and longitude positions on these figures are slightly off, the actual reef location is shown to be shallower on NOAA chart #18640.

Please note that latitude and longitude for your proposed cable are located well north and east of the Arena Rock reef complex. Please know also that diver surveys of this reef have not revealed the presence of giant kelp, Macrocystis. I am unaware of any other hard bottom substrate in or near the area of the proposed cable. In order to confirm my own observations, I talked to a fishing boat captain, Pat Bellew on the phone, and he agreed that the closest hard bottom substrate to your project area is Arena Rock and the reefs around Point Arena.

Sincerely,

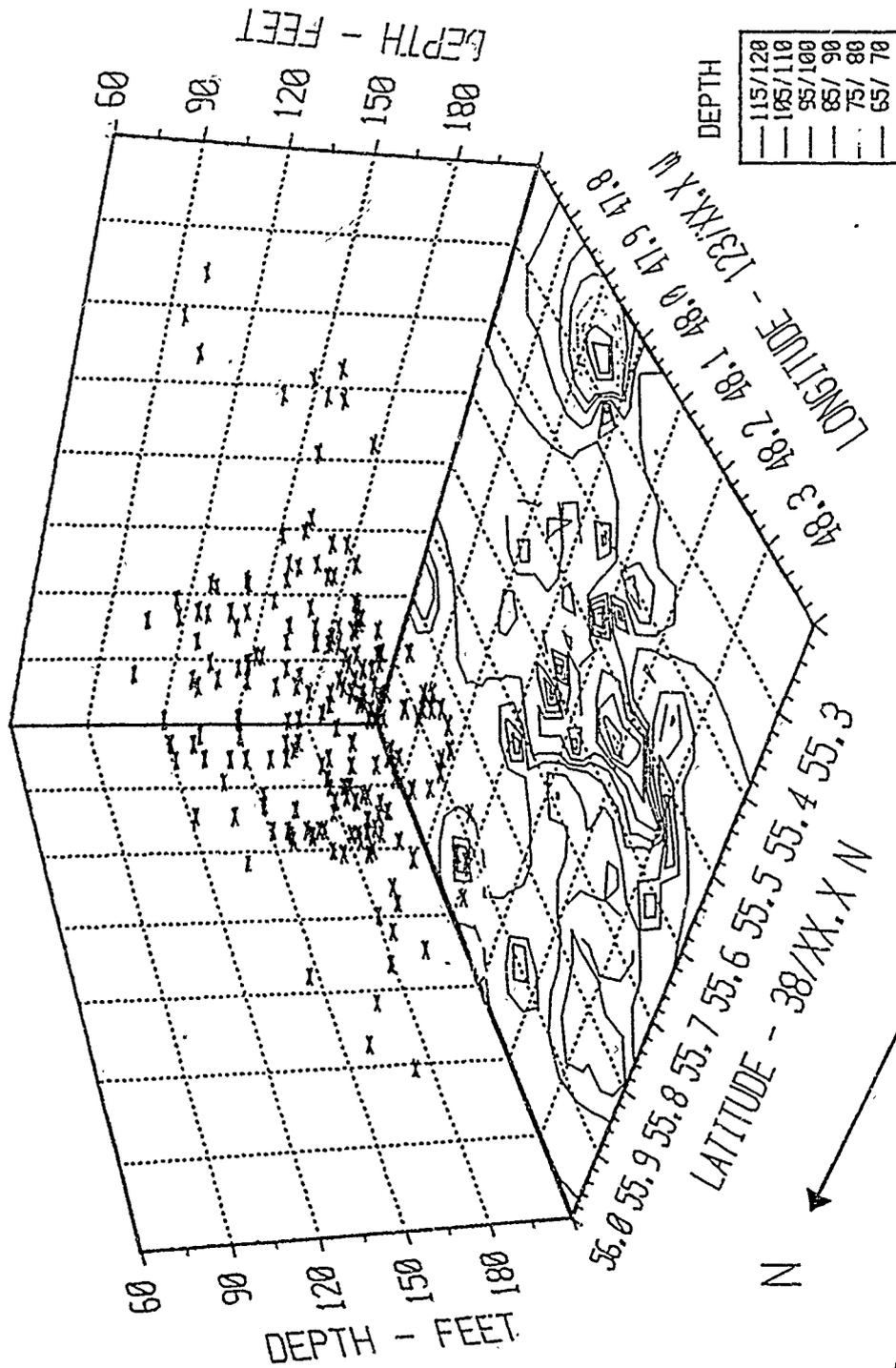


Dan Gotshall

164
3203

Figure 1

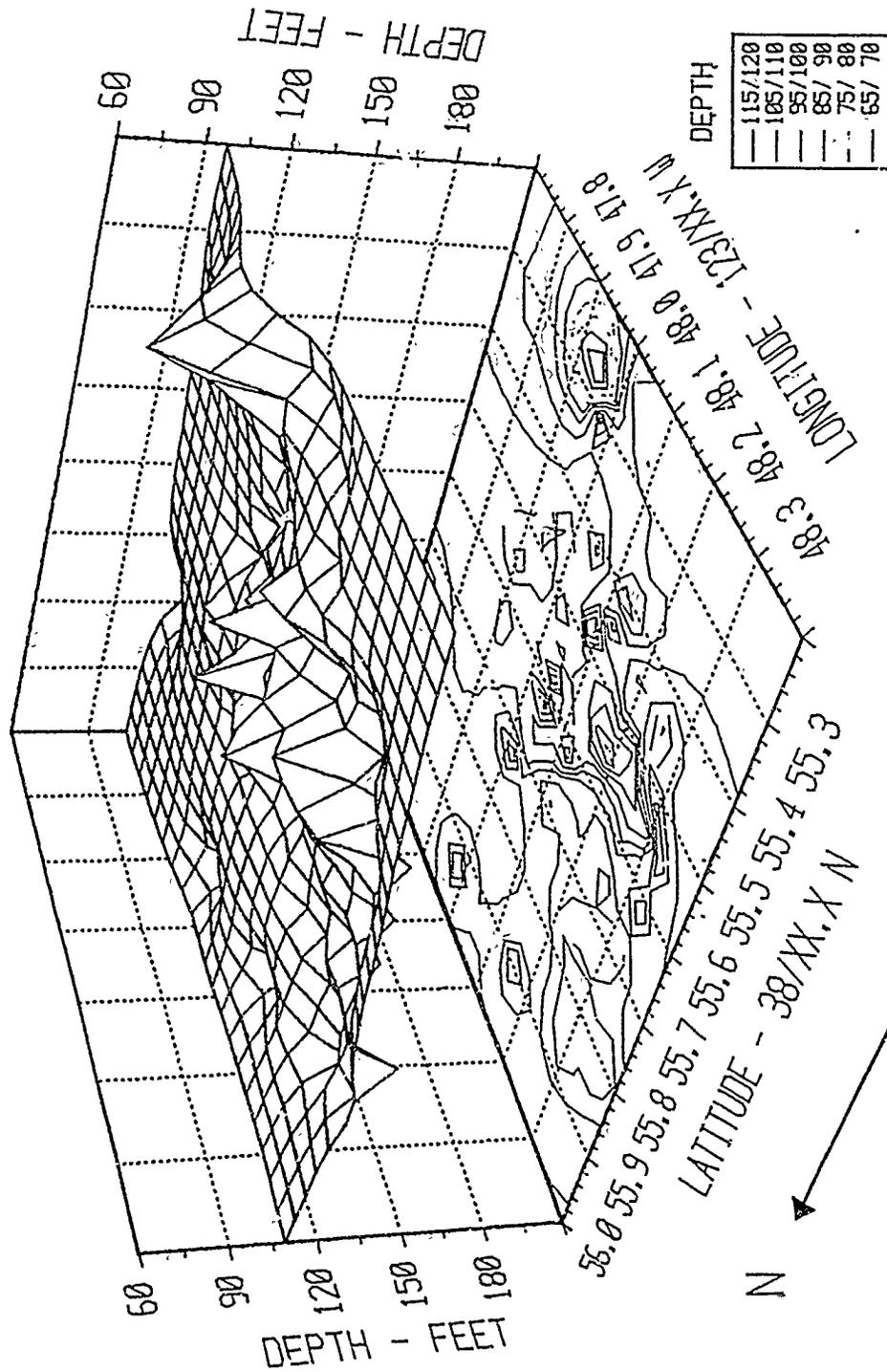
ARENA ROCK BATHYMETRY



KRUSE IMAGING - 10/93

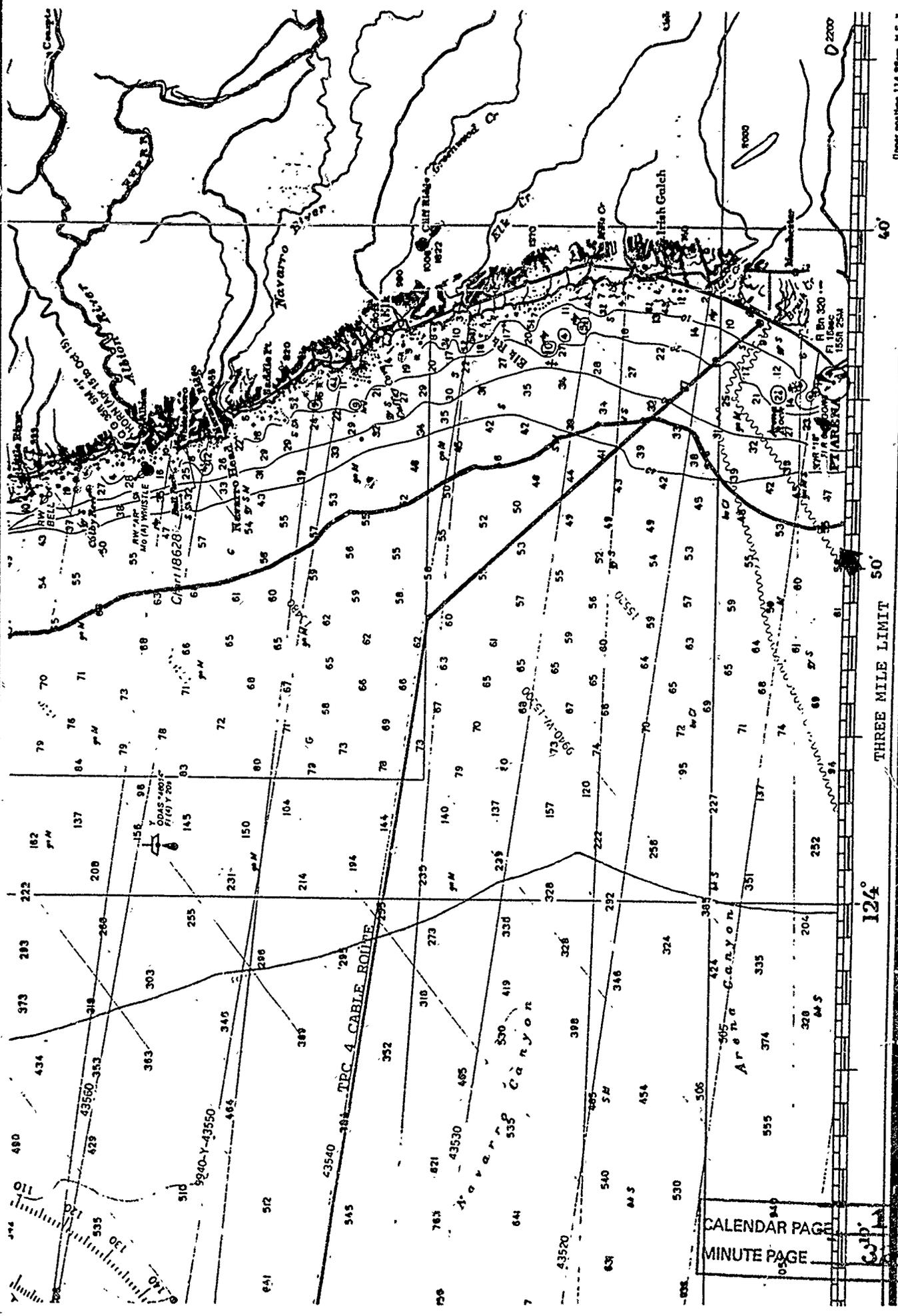
Figure 2

ARENA ROCK BATHYMETRY



KRUSE IMAGING - 10/90

166
3205

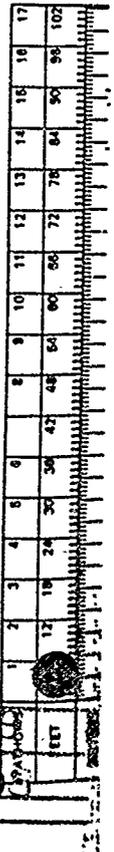


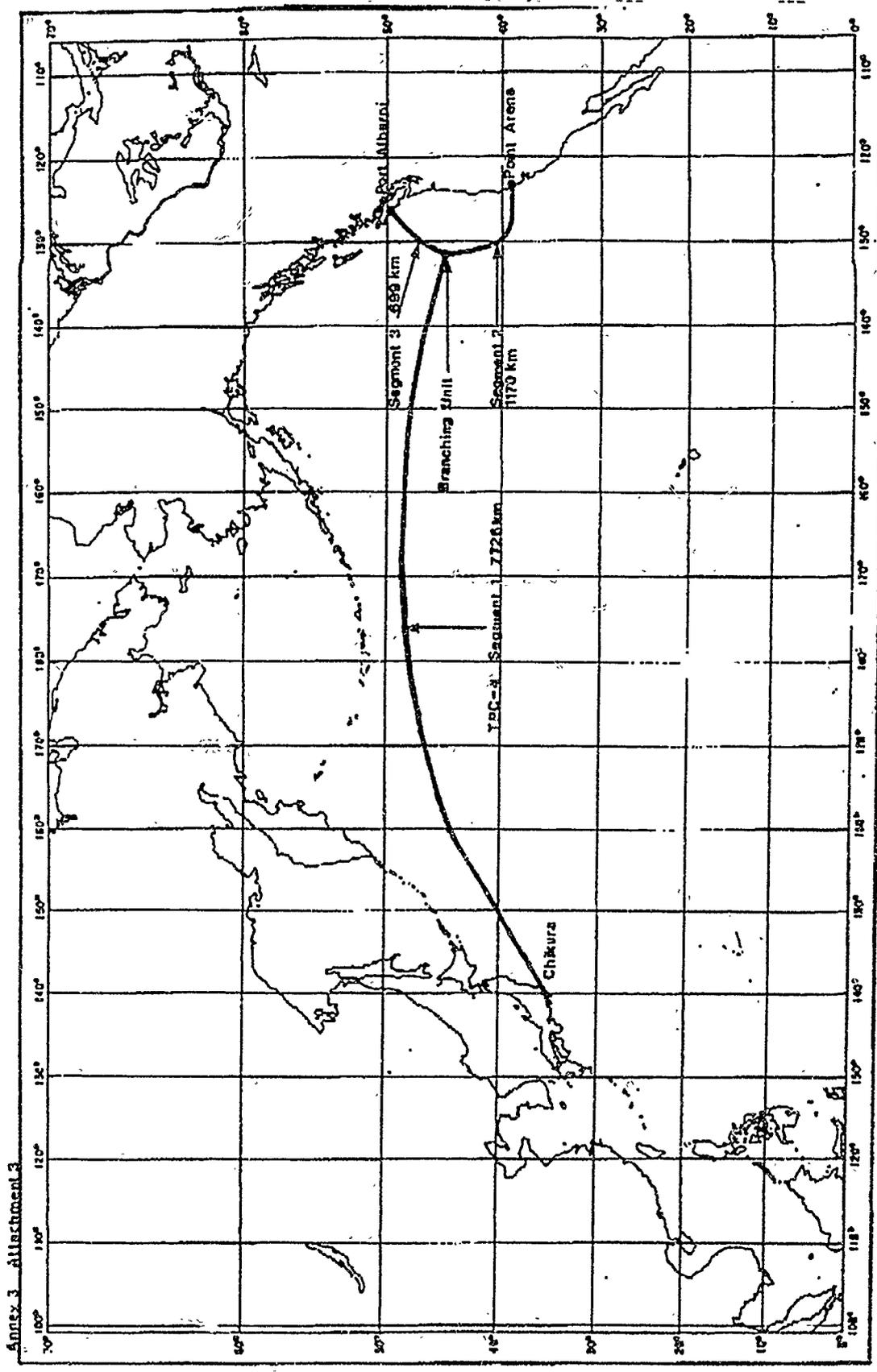
(Inner scale) 1:14,860, N.S. 2

Pt. Arena to Trinidad Head

SOUNDINGS IN FATHOMS - SCALE 1:200,000

LORAN-C





Annex 3 Attachment 3

CALIFORNIA COASTAL COMMISSION
NORTH COAST AREA
45 FREMONT, SUITE 2000
SAN FRANCISCO, CA 94105 2219
(415) 904-5260



September 9, 1991

Ms. Judy Brown
State Lands Commission
1807 13th Street
Sacramento, CA 95814

RE: Negative Declaration for AT&T Fiber Optic Cable Project; SCH #91073096

Dear Ms. Brown:

Thank you for the opportunity to comment on the above-referenced environmental document. The following comments arise from the Commission's role as a responsible agency under CEQA pursuant to our coastal development permitting authority. As the Commission has not had an opportunity to review the negative declaration, these comments are those of Commission staff only.

The Commission is still issuing coastal development permits in the coastal zone of Mendocino County, which incorporates part of the proposed land-based portion of the fiber optic line. As Jo Ginberg of this office informed Ted Adams of EIP in August of 1990, all other discretionary approvals must be obtained before an application for a coastal development permit can be deemed complete.

The Proposed Negative Declaration appears to have addressed those issues which Commission staff believes to be important in its jurisdiction for this project. The incorporation of mitigation measures into the project should adequately minimize significant effects to coastal resources.

Sincerely,

A handwritten signature in cursive script that reads "Robert S. Merrill".

ROBERT S. MERRILL 1702
Susan Strachan
Coastal Planner

cc: Madell Gayou, Resources Agency
Dara Lynn Cox, State Clearinghouse

1254p

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