

20 APR 1993

For Six Month Period Ending _____
(Insert date)

Name of Registrant

Registration No. 4130

Paul D. Kelly

Business Address of Registrant
2263 Spenard
Anchorage, Alaska 99503

I—REGISTRANT

1. Has there been a change in the information previously furnished in connection with the following:

(a) If an individual:

- | | | |
|-----------------------|------------------------------|--|
| (1) Residence address | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| (2) Citizenship | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| (3) Occupation | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |

(b) If an organization:

- | | | |
|--------------------------|------------------------------|-----------------------------|
| (1) Name | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (2) Ownership or control | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| (3) Branch offices | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

2. Explain fully all changes, if any, indicated in item 1.

IF THE REGISTRANT IS AN INDIVIDUAL, OMIT RESPONSE TO ITEMS 3, 4, and 5.

3. Have any persons ceased acting as partners, officers, directors or similar officials of the registrant during this 6 month reporting period? Yes No

If yes, furnish the following information:

Name

Position

RECEIVED
DEPT. OF JUSTICE
CRIMINAL DIVISION
Date Connection
Ended
93 MAY 05 AM 8:46
INTERNAL SECURITY
SECTION
REGISTRATION UNIT

4. Have any persons become partners, officers, directors or similar officials during this 6 month reporting period?
Yes No

If yes, furnish the following information:

<i>Name</i>	<i>Residence Address</i>	<i>Citizenship</i>	<i>Position</i>	<i>Date Assumed</i>
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5. Has any person named in Item 4 rendered services directly in furtherance of the interests of any foreign principal?
Yes No

If yes, identify each such person and describe his services.

6. Have any employees or individuals other than officials, who have filed a short form registration statement, terminated their employment or connection with the registrant during this 6 month reporting period? Yes No

If yes, furnish the following information:

<i>Name</i>	<i>Position or connection</i>	<i>Date terminated</i>
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7. During this 6 month reporting period, have any persons been hired as employees or in any other capacity by the registrant who rendered services to the registrant directly in furtherance of the interests of any foreign principal in other than a clerical or secretarial, or in a related or similar capacity? Yes No

If yes, furnish the following information:

<i>Name</i>	<i>Residence Address</i>	<i>Position or connection</i>	<i>Date connection began</i>
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II—FOREIGN PRINCIPAL

8. Has your connection with any foreign principal ended during this 6 month reporting period? Yes No

If yes, furnish the following information:

Name of foreign principal

Date of Termination

9. Have you acquired any new foreign principal¹ during this 6 month reporting period? Yes No

If yes, furnish following information:

Name and address of foreign principal

Date acquired

10. In addition to those named in Items 8 and 9, if any, list the foreign principals¹ whom you continued to represent during the 6 month reporting period.

North Pacific Longline Association (NPL).

III—ACTIVITIES

11. During this 6 month reporting period, have you engaged in any activities for or rendered any services to any foreign principal named in Items 8, 9, and 10 of this statement? Yes No

If yes, identify each such foreign principal and describe in full detail your activities and services:

I represent the NPL in the cooperative research project with the Alaska Fisheries Science Center (NOAA) in Seattle.

¹The term "foreign principal" includes, in addition to those defined in section 1(b) of the Act, an individual or organization any of whose activities are directly or indirectly supervised, directed, controlled, financed, or subsidized in whole or in major part by a foreign government, foreign political party, foreign organization or foreign individual. (See Rule 100(a)(9)).

A registrant who represents more than one foreign principal is required to list in the statements he files under the Act only those foreign principals for whom he is not entitled to claim exemption under Section 3 of the Act. (See Rule 208.)

12. During this 6 month reporting period, have you on behalf of any foreign principal engaged in political activity² as defined below?
 Yes No

If yes, identify each such foreign principal and describe in full detail all such political activity, indicating, among other things, the relations, interests and policies sought to be influenced and the means employed to achieve this purpose. If the registrant arranged, sponsored or delivered speeches, lectures or radio and TV broadcasts, give details as to dates, places of delivery, names of speakers and subject matter.

I communicated by telephone and correspondence with officials of the Alaska Fisheries Science Center concerning the science research project.

-
13. In addition to the above described activities, if any, have you engaged in activity on your own behalf which benefits any or all of your foreign principals? Yes No

If yes, describe fully.

The above statement describes fully my activities on behalf of the NPL.

²The term "political activities" means the dissemination of political propaganda and any other activity which the person engaging therein believes will, or which he intends to, prevail upon, indoctrinate, convert, induce, persuade, or in any other way influence any agency or official of the Government of the United States or any section of the public within the United States with reference to formulating, adopting, or changing the domestic or foreign policies of the United States or with reference to the political or public interests, policies, or relations of a government of a foreign country or a foreign political party.

IV—FINANCIAL INFORMATION

14. (a) RECEIPTS—MONIES

During this 6 month reporting period, have you received from any foreign principal named in Items 8, 9 and 10 of this statement, or from any other source, for or in the interests of any such foreign principal, any contributions, income or money either as compensation or otherwise? Yes No

If yes, set forth below in the required detail and separately for each foreign principal an account of such monies.³

<i>Date</i>	<i>From Whom</i>	<i>Purpose</i>	<i>Amount</i>
November 1992	NPL	Attorneys fee and costs extended	\$91.51
December 1992	NPL	Attorneys fees and costs extended	\$ 103.17
January 1993	NPL	Attorneys fees and costs extended	\$ 514.76
February 1993	NPL	Attorneys fees and costs extended	\$6,661.66
March 1993	NPL	Attorneys fees and costs extended	\$1,181.09
April 1993	NPL	Attorneys fees and costs extended	\$1,237.21

Total \$9,789.40

(b) RECEIPTS—THINGS OF VALUE

During this 6 month reporting period, have you received any thing of value⁴ other than money from any foreign principal named in Items 8, 9 and 10 of this statement, or from any other source, for or in the interests of any such foreign principal? Yes No

If yes, furnish the following information:

<i>Name of foreign principal</i>	<i>Date received</i>	<i>Description of thing of value</i>	<i>Purpose</i>
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³A registrant is required to file an Exhibit D if he collects or receives contributions, loans, money, or other things of value for a foreign principal, as part of a fund raising campaign. See Rule 201(e).
⁴Things of value include but are not limited to gifts, interest free loans, expense free travel, favored stock purchases, exclusive rights, favored treatment over competitors, "kickbacks," and the like.

15. (a) DISBURSEMENTS--MONIES

During this 6 month reporting period, have you

(1) disbursed or expended monies in connection with activity on behalf of any foreign principal named in Items 8, 9 and 10 of this statement? Yes No

(2) transmitted monies to any such foreign principal? Yes No

If yes, set forth below in the required detail and separately for each foreign principal an account of such monies, including monies transmitted, if any, to each foreign principal.

<i>Date</i>	<i>To Whom</i>	<i>Purpose</i>	<i>Amount</i>
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Total

15. (b) DISBURSEMENTS—THINGS OF VALUE

During this 6 month reporting period, have you disposed of anything of value⁵ other than money in furtherance of or in connection with activities on behalf of any foreign principal named in items 8, 9 and 10 of this statement?

Yes No

If yes, furnish the following information:

<i>Date disposed</i>	<i>Name of person to whom given</i>	<i>On behalf of what foreign principal</i>	<i>Description of thing of value</i>	<i>Purpose</i>
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(c) DISBURSEMENTS—POLITICAL CONTRIBUTIONS

During this 6 month reporting period, have you from your own funds and on your own behalf either directly or through any other person, made any contributions of money or other things of value⁵ in connection with an election to any political office, or in connection with any primary election, convention, or caucus held to select candidates for political office?

Yes No

If yes, furnish the following information:

<i>Date</i>	<i>Amount or thing of value</i>	<i>Name of political organization</i>	<i>Name of candidate</i>
March 18, 1993	\$100.00	Anchorage School Board Campaign	Harriett Drummond

V—POLITICAL PROPAGANDA

(Section 1(j) of the Act defines "political propaganda" as including any oral, visual, graphic, written, pictorial, or other communication or expression by any person (1) which is reasonably adapted to, or which the person disseminating the same believes will, or which he intends to, prevail upon, indoctrinate, convert, induce, or in any other way influence a recipient or any section of the public within the United States with reference to the political or public interests, policies, or relations of a government of a foreign country or a foreign political party or with reference to the foreign policies of the United States or promote in the United States racial, religious, or social dissensions, or (2) which advocates, advises, instigates, or promotes any racial, social, political, or religious disorder, civil riot, or other conflict involving the use of force or violence in any other American republic or the overthrow of any government or political subdivision of any other American republic by any means involving the use of force or violence.)

16. During this 6 month reporting period, did you prepare, disseminate or cause to be disseminated any political propaganda as defined above? Yes No

IF YES, RESPOND TO THE REMAINING ITEMS IN THIS SECTION V. It is the registrant's opinion that the filing is exempt under 3g of the FRA since the documents concern formal and informal proceedings.

17. Identify each such foreign principal.

NPL

⁵Things of value include but are not limited to gifts, interest free loans, expense free travel, favored stock purchases, exclusive rights, favored treatment over competitors, "kickbacks," and the like.

18. During this 6 month reporting period, has any foreign principal established a budget or allocated a specified sum of money to finance your activities in preparing or disseminating political propaganda? Yes No

If yes, identify each such foreign principal, specify amount, and indicate for what period of time.

Except to pay my fees and costs incurred in representing my client.

19. During this 6 month reporting period, did your activities in preparing, disseminating or causing the dissemination of political propaganda include the use of any of the following:

- Radio or TV broadcasts
- Magazine or newspaper articles
- Motion picture films
- Letters or telegrams
- Advertising campaigns
- Press releases
- Pamphlets or other publications
- Lectures or speeches
- Other (specify) _____

20. During this 6 month reporting period, did you disseminate or cause to be disseminated political propaganda among any of the following groups:

- Public Officials
- Newspapers
- Libraries
- Legislators
- Editors
- Educational institutions
- Government agencies
- Civic groups or associations
- Nationality groups
- Other (specify) _____

21. What language was used in this political propaganda:

- English
- Other (specify) _____

22. Did you file with the Registration Section, U.S. Department of Justice, two copies of each item of political propaganda material disseminated or caused to be disseminated during this 6 month reporting period? Yes No

23. Did you label each item of such political propaganda material with the statement required by Section 4(b) of the Act? Yes No

24. Did you file with the Registration Section, U.S. Department of Justice, a Dissemination Report for each item of such political propaganda material as required by Rule 401 under the Act? Yes No

VI—EXHIBITS AND ATTACHMENTS

25. EXHIBITS A AND B

(a) Have you filed for each of the newly acquired foreign principals in Item 9 the following:

- Exhibit A⁶ Yes No
- Exhibit B⁷ Yes No N/A

If no, please attach the required exhibit.

(b) Have there been any changes in the Exhibits A and B previously filed for any foreign principal whom you represented during this six month period? Yes No

If yes, have you filed an amendment to these exhibits? Yes No

If no, please attach the required amendment.

⁶The Exhibit A, which is filed on Form CRM-157 (Formerly OBD-67) sets forth the information required to be disclosed concerning each foreign principal.
⁷The Exhibit B, which is filed on Form CRM-155 (Formerly OBD-65) sets forth the information concerning the agreement or understanding between the registrant and the foreign principal.

26. EXHIBIT C

If you have previously filed an Exhibit C⁸, state whether any changes therein have occurred during this 6 month reporting period. Yes No N/A

If yes, have you filed an amendment to the Exhibit C? Yes No

If no, please attach the required amendment. N.A

27. SHORT FORM REGISTRATION STATEMENT

Have short form registration statements been filed by all of the persons named in Items 5 and 7 of the supplemental statement? Yes No

If no, list names of persons who have not filed the required statement.

The undersigned swear(s) or affirm(s) that he has (they have) read the information set forth in this registration statement and the attached exhibits and that he is (they are) familiar with the contents thereof and that such contents are in their entirety true and accurate to the best of his (their) knowledge and belief, except that the undersigned make(s) no representation as to the truth or accuracy of the information contained in attached Short Form Registration Statement, if any, insofar as such information is not within his (their) personal knowledge.

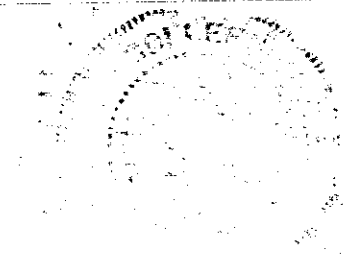
(Type or print name under each signature)

Paul D Kelly
Paul D. Kelly

(Both copies of this statement shall be signed and sworn to before a notary public or other person authorized to administer oaths by the agent, if the registrant is an individual, or by a majority of those partners, officers, directors or persons performing similar functions who are in the United States, if the registrant is an organization.)

Subscribed and sworn to before me at Anchorage, Alaska

this 20th day of May, 19 93



Colleen A. Guffey
(Signature of notary or other officer)

⁸The Exhibit C, for which no printed form is provided, consists of a true copy of the charter, articles of incorporation, association, constitution, and bylaws of a registrant that is an organization. (A waiver of the requirement to file an Exhibit C may be obtained for good cause upon written application to the Assistant Attorney General, Criminal Division, Internal Security Section, U.S. Department of Justice, Washington, D.C. 20530.)

Paul D. Kelly
KELLY & PATTERSON
2263 Spenard
Anchorage, Alaska 99503-1617

(907) 258-6777
facs. (907) 279-9216

January 13, 1993

H.A. Skip Zenger
Alaska Fisheries Science Center
RACE Division, F/AKC
7600 Sand Point Way N.E.
BIN C15700, Bldg. 4
Seattle, WA 98115-0070

Re: Research cruise/Anyo Maru 22

Dear Skip

I am writing to touch base with you on our meeting next week. Mr. Kuroki, T.J. Ohyama and myself look forward to meeting with you, Gary Stauffer, Bill High and other staff to plan for the proposed 1993 research cruise. If Dr. Aron is in town we would like to meet him also. I understand he will probably attend the Council meeting in Anchorage at the time. Anyway we will be available both January 19 and 20 for discussions.

For discussion we would welcome any information resulting from the calibration survey and any suggestions you might have to improve the regular survey. Mr. Kuroki is preparing information concerning the survey which he will share with you. If you have any particular issues which you think need to be addressed please call.

Sincerely,

Paul D. Kelly
Paul D. Kelly

cc: NPCFC

LAW OFFICES
KELLY & PATTERSON

PAUL D. KELLY
JOHN B. PATTERSON

2263 SPENARD ROAD
ANCHORAGE, ALASKA 99503
(907) 258-6777
FAX (907) 279-9218

February 1, 1993

Dr. William Aron
Science and Research Center
7600 Sand Point Way N.E., F/AKC
BIN C15700, Building 4
Seattle, WA 98115-0070

Re: Longline Research Cruise
Anyo Maru No. 22

Dear Dr. Aron:

Enclosed is the 1993 research cruise plan for the annual joint research cruise between the Alaska Fisheries Science Center and the North Pacific Cooperative Fisheries Company of Japan (NPCFC).

It is the request of the NPCFC that this year the permit be directed to the following:

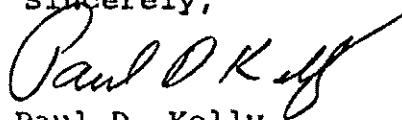
Sadao Takaoka, Chairman
North Pacific Cooperative Fisheries of Japan
Sankaido Building, 3F
1-9-13 Akasaka
Minato-ku, Tokyo, 107 Japan

A cross-copy of the letter should be sent to the following:

Mr. Mitsuyoshi Murakami
Director, Resources Division
Fisheries Agency
Ministry of Agriculture, Forestry and Fisheries
2-1, 1-chome, Kasumigaseki
Chiyoda-ku, Tokyo, 100 Japan

Thank you for your consideration and assistance. The NPCFC looks forward to the success of the cruise.

Sincerely,


Paul D. Kelly

PDK:cag
Enclosure
cc: NPCFC



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Alaska Fisheries Science Center
7600 Sand Point Way Northeast
BIN C15700, Building 4
Seattle, Washington 98115-0070

FEB 3 - 1993

F/AKC1:WLH

Mr. Sadao Takaoka
North Pacific Cooperative
Fisheries of Japan
Sankaido Building, 3F
1-9-13 Akasaka
Minato-ku, Tokyo 107
Japan

Dear Mr. Takaoka:

We welcome the Japanese research vessel Anyo Maru No. 22 as a cooperative research vessel with the Alaska Fisheries Science Center during the agreed-upon sablefish and Pacific cod longline study. The Anyo Maru No. 22 will fish sablefish and Pacific cod longline gear in the Bering Sea, Aleutian Islands, and Gulf of Alaska from April 28 to September 12, 1993. The vessel should pursue the objectives of the agreed-upon joint research plan only from the U.S. 12-mile territorial limit seaward unless separate U.S. State Department approval is received to pursue research objectives within the U.S. territorial sea.

The above-named vessel will operate as a research vessel and is not subject to restrictions placed upon commercial vessels while conducting bona fide research as outlined in the agreed-upon research plan; therefore, the vessel may enter into commercial fishing sanctuaries. However, in these areas and throughout coastal waters where U.S. vessels may be operating or where U.S. fixed fishing gear is sighted, the research vessel will use utmost caution to avoid interference. If the research vessel should accidentally contact or interfere with U.S. fishing gear, the matter should be fully documented and reported.

Numerous sea lion sanctuaries have been designated throughout the western Gulf of Alaska. The Anyo Maru No. 22 should not set fishing gear within these zones and avoid innocent passage when possible.

It is understood that this vessel may collect scientific data within the Magnuson Fishery Conservation and Management Act Zone, using longline and oceanographic data gathering gear. Research longline sets should be of short duration and limited to only that necessary to characterize the sample site.




We propose to place U.S. participating investigators aboard the vessel. The U.S. scientists will discuss plans to expedite personnel transfers with their Japanese counterparts. However, our first investigator expects to travel to Japan to join the vessel.

The vessel may process and retain research catches except for certain prohibited species, including salmon, halibut, and crab. Small samples of rare or unusual species of scientific value may be retained for return to Japanese museums or fishery laboratories. Each sample must be clearly marked as to its destination and expected purpose.

Mr. William L. High is our coordinator for foreign cooperative research. If need arises, he can be reached at the office, (206) 526-4129; at his home, (206) 486-2252; by FAX, (206) 526-6723; or by telex number, 329422 NWASC SEA.

Sincerely,



William Aron
Science and Research Director
Alaska Region

cc: F/IA
DOS - Tom Cocke
USCG - Alameda, Seattle and Juneau
F/AK - S. Pennoyer
F/EN5 - Enforcement
F/EN6 - Enforcement
ADF&G - C. Rosier
NPFMC - C. Pautzke
F/AKC1 - F. Shaw
F/AKC1 - H. Zenger
F/AKC4 - G. Snyder
Mr. Mitsuyoshi Murakami
Paul Kelly - Kelly & Patterson ✓

LAW OFFICES
KELLY & PATTERSON

PAUL D. KELLY
JOHN B. PATTERSON

2263 SPENARD ROAD
ANCHORAGE, ALASKA 99503
(907) 258-6777
FAX (907) 279-9216

February 3, 1993

Dr. William Aron
Science and Research Center
7600 Sand Point Way N.E., F/AKC
BIN C15700, Building 4
Seattle, WA 98115-0070

Re: Longline Research Cruise
Anyo Maru No. 22

Dear Dr. Aron:

This letter is to note a change to the attachment to our application. Specifically, the locations for stations 109, 110 and 111 were changed in 1992 with the concurrence of the AFSC. Unfortunately I did not note those changes in our 1993 application. I am attaching the schedule with the changes to this application. Please substitute this page for the corresponding page in our application.

Thank you for your assistance.

Sincerely,

Paul D. Kelly CAG
Paul D. Kelly

PDK:cag

Enclosure

cc: NPCFC

LAW OFFICES
KELLY & PATTERSON

PAUL D. KELLY
JOHN B. PATTERSON

2263 SPENARD ROAD
ANCHORAGE, ALASKA 99503
(907) 258-8777
FAX (907) 279-9216

February 9, 1993

Mr. Tom Cocke
OES/OA, Room 5801
U.S. Department of State
Washington D.C. 20520

Re: Alaska Fisheries Science Center, NOAA and North Pacific
Fisheries of Japan, a joint U.S.-Japan Fisheries Research
Cruise

Dear Mr. Cocke:

As the representative for the North Pacific Cooperative Fisheries of Japan (NPCFC), I am writing to apply for permission for the Anyo Maru No. 22 to conduct fisheries research within the 12 mile limit of Alaska's waters. This research cruise is a continuation of joint U.S.-Japan fisheries research which has been conducted annually since 1978 between the Alaska Fisheries Science Center of NOAA and the North Pacific Cooperative Fisheries of Japan.

The purpose of this request is to continue to conduct fishing surveys at all stations which were surveyed in the previous 15 years. The expansion of jurisdiction to 12 miles necessitates our request to your office for permission to conduct research at those stations which are inside 12 miles.

PURPOSE

The purpose of the survey is to collect biological data in order to determine stock conditions of sablefish, Pacific cod, Pacific halibut and other major fish species caught in the Bering Sea, Aleutians and Gulf of Alaska.

The research is consistent with the participation of the United States in the Pacific International Council on the Exploration of the Seas (PICES), the successor to the International North Pacific Fisheries Commission. United States agencies utilize and rely on the data in formulating management plans. Such agencies include the National Marine Fisheries Service and the North Pacific Fishery Management Council. NOAA scientists utilize the data to manage the allocation of more than three (3) million metric tons of groundfish annually caught off the coast of Alaska.

PERIOD OF OPERATION

The operation will be conducted from April 28 until September 12, 1993. A breakdown of the cruise itinerary and ports of call are noted in the attachments to this letter.

LOCATION OF OPERATIONS

The latitude and longitude of each survey stations is noted on Table 1, which is attached to the cruise plan which accompanies this letter. Also included is a map which shows more generally the location of the survey stations.

VESSEL DESCRIPTION

Vessel Name	:	Anyo Maru No. 22
Type	:	Longliner
Length	:	57.7 Meters
Gross Tons	:	499.22 m.t.
Hull Color	:	White
Radio Callsign:	:	JIXS
Captain	:	Hiroyuke Abe
Crew Number	:	23

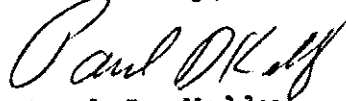
I have enclosed the following documents in support of this application:

1. Permit authorizing the research cruise, issued by the Alaska Fisheries Science Center, NOAA, dated February 3, 1993.
2. 1993 cruise plan.

The Marine Mammal Permit which is referenced in Dr. Aron's letter is in the process of being typed up and issued. It will be forwarded to your office as soon as it is issued.

In closing, the North Pacific Cooperative Fisheries of Japan looks forward to continuing the good cooperation between the United States and Japan in this annual effort to conduct valuable research. If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,



Paul D. Kelly

cc: North Pacific Cooperative Fisheries of Japan
William High, Alaska Fisheries Science Center

FEB 26 RECD



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Alaska Fisheries Science Center
7600 Sand Point Way Northeast
BIN C15700, Building 4
Seattle, Washington 98115-0070

FEB 22 1993

F/AKC1:TAD

Mr. Sadao Takaoka
North Pacific Cooperative
Fisheries of Japan
Sankaido Building, 3F
1-9-13 Akasaka
Minato-ku, Tokyo 107
Japan

Dear Mr. Takaoka:

Your request to conduct cooperative research on Alaska groundfish (sablefish in particular) during the cruise of the Anyo Maru No. 22 from April 28 to September 12, 1993, has already been approved, and I would like to review the conditions for research in the buffer zones established around Steller sea lion rookeries, as a protective measure. All sampling must be conducted only by longline and must adhere to the approved sampling plan. Should predetermined sampling sites fall within any of the designated buffer zones (locations are enclosed) the vessel should leave the zone as soon as the station is completed. Every precaution should be taken to assure that sea lions are not harmed or caught by the gear or brought aboard the vessel. Transit through these zones should be avoided when possible. Because the research has been approved, no special marine mammal permit is required for your vessel to operate legitimately within the buffer zones. A copy of this letter should be placed aboard the vessel. A copy is also being forwarded to Mr. Paul Kelly in Anchorage, Alaska.

Sincerely,

William Aron
Science and Research Director
Alaska Region

Enclosures

cc: Paul Kelly, Kelly and Patterson ✓
F/AK - Steven Pennoyer
F/AKC1 - Harold Zenger
F/AKC1 - Gary Stauffer
F/AKC4 - George Snyder



LAW OFFICES
KELLY & PATTERSON

PAUL D. KELLY
JOHN B. PATTERSON

2263 SPENARD ROAD
ANCHORAGE, ALASKA 99503
(907) 268-8777
FAX (907) 279-9216

February 26, 1993

VIA FACSIMILE

W. Thomas Cocke
R/V Clearance Officer
Office of Ocean Affairs
United States Department of State
Bureau of Oceans and International
Environment and Scientific Affairs
Washington, D.C. 20520

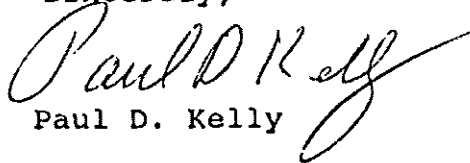
Re: Alaska Fisheries Science Center/North Pacific Fisheries
of Japan, A Joint U.S./Japan Research Cruise

Dear Mr. Cocke:

The purpose of this letter is to followup on our application for a permit to conduct fishing operations within the 12 mile limit. Enclosed please find the Marine Mammal Permit to supplement the previous application.

If you need additional information please do not hesitate to contact me. Thank you for your consideration.

Sincerely,


Paul D. Kelly

PDK:cag

Enclosure

cc: North Pacific Cooperative Fisheries of Japan

3/3/93 — 30 day notice sent. 3/19 is date of approval

LAW OFFICES
KELLY & PATTERSON

PAUL D. KELLY
JOHN B. PATTERSON

April 12, 1993

2263 SPENARD ROAD
ANCHORAGE, ALASKA 99503
(907) 258-8777
FAX (907) 279-9216

VIA FACSIMILE

H.A. "Skip" Zenger
Alaska Fisheries Science Center
RACE Division F/AKC
7600 Sand Point Way N.E.
BIN C15700, Building 4
Seattle, WA 98115-0070

Re: Research Cruise/Anyo Maru No. 22

Dear Skip:

Mr. J. Fujiwara will be meeting Darlene Everhart at the Narita airport upon her arrival. Train reservations have been made as well as hotel reservations as follows:

Hibiya Park Hotel
3-Chome, Hibiya-Street, Nishishinbashi, Chuo-Ku
Telephone: (03) 3503-0111

The Japanese scientists are the same as last year:

Chief: Dr. Kiyoshi Fujii
Sub: Mr. Hisateru Okabe

If you have any questions please contact me.

Sincerely,

Paul D. Kelly CAG
Paul D. Kelly

PDK:cag

cc: NPCFC

RECEIVED
REGISTRATION UNIT
SECTION
MAY 26 11 04 AM
REGISTRATION UNIT

Cruise plan for cooperative longline survey on sablefish,
Pacific Cod and other bottomfish in the Eastern Bering
Sea, Aleutian region and Gulf of Alaska in 1993.

1993

North Pacific Cooperative Fisheries
of Japan

- I. Institution:
North Pacific Cooperative Fisheries of Japan
Sankaido Bldg., 3F
1-9-13 Akasaka
Minato-ku, Tokyo 107 Japan
- II. Research vessel:
Name: Anyo Maru #22
Type: Longliner
Length: 57.7 m
Gross tonnage: 499.22 m.t.
Hull color: White
Radio call sign: JIXS
Captain: Hiroyuki Abe (or other captain to be designated)
Number of Crew: 23
- III. Area of operation:
Eastern Bering Sea, Aleutian Islands region and Gulf of Alaska
(see attached exhibit).
- IV. Itinerary:
From April 28, 1993 to September 12, 1993 (see the attached
table).
- V. Port of calls:
Dutch Harbor, Kodiak, Seward and Sitka in Alaska and
(optional) Seattle in Washington.
- VI. Purpose:
The purpose of this survey is to collect biological data and
samples in assessing the stock condition of sablefish, Pacific
cod and other major groundfish caught by bottom longline gear
in the Eastern Bering Sea, Aleutian Islands region and Gulf of
Alaska. This field research plan is consistent with the
participation of the United States in the Pacific
International Council on the Exploration of the Seas (PICES),
the successor to the International North Pacific Fisheries
Commission (16 U.S.C. 1021). The cooperative research cruise
has been conducted annually since 1979. The North Pacific
Fishery Management Council (16 U.S.C. 1801) and the NOAA
scientists rely upon the annual survey in management and
allocation of more than three (3) million metric tons of fish
caught annually off the coast of Alaska.
- VII. Objectives:
- (1) Monitor annual changes in the relative abundance and size
composition of sablefish and Pacific cod along the continental
slope of Alaska.
 - (2) Monitor annual changes in stock condition of other major
fish species caught in the survey, including Pacific halibut

(Hippoglossus stenolepis), arrowtooth flounder (Atheresthes stomias), Greenland turbot (Reinhardtius hippoglossoides), rockfish (Sebastes spp.), thornyheads (Sebastolobus spp.) and grenadiers (Macrouridae).

(3) Tag and release sablefish as requested by U.S. scientists to determine migration patterns.

(4) Collect sablefish otoliths to study age composition of the stocks.

(5) Documentation of killer whale (orca) encounters.

VIII. Scientific party: North Pacific Cooperative Fisheries of Japan

Scientific coordinator:

Name: Dr. Kiyoshi Fujii (from April 28 to September 12)

Address: North Pacific Cooperative Fisheries of Japan

Sankaido Bldg., 3F

1-9-13 Akasaka

Minato-ku, Tokyo 107 Japan

Assistant coordinator:

Name:

IX. Data:

All of the data obtained is provided to the U.S. scientists at the Alaska Fisheries Science Center (NOAA).

X. Results:

Copies of reports and publications are presented to the biologists at the Alaska Fisheries Science Center when completed. As noted in Item VI, above, many fishery conservation and management agencies benefit from the collected data.

XI. U.S. participation:

This is a cooperative survey between the Alaska Fisheries Science Center (NOAA) and the North Pacific Cooperative Fisheries of Japan. Four (4) U.S. Scientists will participate on board the vessel, one (1) scientist for each of the four (4) legs of the cruise.

XII. Fishing gear to be used:

Bottom longline gear.

Cruise itinerary for the cooperative longline survey on sablefish and Pacific cod in the eastern Bering Sea, Aleutian Islands region and Gulf of Alaska in 1993.

Date (U.S. time)	Number of days needed	Stations	Description	Number of accumulated days
April 28	1		Leave Shiogama (Japan time)	1
April 29 - May 4	6		Cruise	7
May 5	1		Arrive near Attu I. of the Aleutian Islands region	8
May 6 - June 4	30	31-60	1st leg of the survey in the Aleutian Islands region and Region I of the eastern Bering Sea.	38
June 5 - June 7	3		Port call in Dutch Harbor	41
June 8 - July 7	30	1-21 109-117	2nd leg of the survey in the eastern Bering Sea.	71
July 8 - July 10	3		Port call in Dutch Harbor.	74
July 11 - August 9	30	22-30, 61-80	3rd leg of the survey in Region II of the eastern Bering Sea and the western part of the Gulf of Alaska.	104
Aug. 10 - Aug. 12	3		Port call in Kodiak.	104
Aug. 13 - Sept. 9	28	81-108	4th leg of the survey in the eastern part of the Gulf of Alaska.	135
Sept. 10 - Sept. 11	2		Cruise.	137
Sept. 12	1		Port call in Seattle.	138

Table 1. Operation records on Japan-U.S. joint longline survey
Region, and Gulf of Alaska

in the eastern Bering Sea, Aleutian Islands

Survey Station Number	Operation	Area	Date (JST)	Start Position Lat. Long.	End Position Lat. Long.	Distance (N.mile)	Depth range (m)	Number of hachi	Soaking times (mean)	Bait	Remarks
SI-1	L-37	B-N	Jun. 27, 1986	58°-46.9'N 177°-33.0'W	58°-43.5'N 177°-46.5'W	7.9	170-800	160	5h:33	squid	
SI-2	L-36	"	Jun. 26, 1986	58°-37.0'N 176°-39.1'W	58°-34.0'N 176°-54.0'W	8.4	155-630	160	5:14	"	
SI-3	L-38	"	Jun. 28, 1986	58°-41.0'N 176°-01.0'W	58°-35.3'N 176°-13.6'W	8.2	140-215	160	5:12	"	
SI-4	L-35	"	Jun. 25, 1986	58°-30.0'N 175°-40.1'W	58°-29.7'N 175°-53.8'W	7.9	200-1,020	160	5:23	"	
SI-5	L-39	"	Jun. 29, 1986	58°-38.2'N 174°-21.1'W	58°-32.6'N 174°-31.2'W	8.6	160-215	160	5:12	"	
SI-6	L-34	"	Jun. 24, 1986	58°-20.1'N 174°-19.6'W	58°-21.9'N 174°-26.2'W	7.3	185-350	160	5:42	"	
SI-7	L-40	B-III	Jun. 30, 1986	58°-06.3'N 173°-50.0'W	57°-52.6'N 173°-50.0'W	8.2	130-145	160	5:12	"	
SI-8	L-33	"	Jun. 23, 1986	57°-38.4'N 174°-10.3'W	57°-44.9'N 174°-16.5'W	7.3	150-900	160	5:21	"	
SI-9	L-41	"	Jul. 1, 1986	56°-49.6'N 173°-13.5'W	56°-56.4'N 173°-26.2'W	8.4	130-230	160	5:12	"	
SI-10	L-32	"	Jun. 22, 1986	56°-49.6'N 172°-21.0'W	56°-31.0'N 172°-29.0'W	7.7	130-730	160	5:24	"	
SI-11	L-31	"	Jun. 21, 1986	56°-38.0'N 172°-23.3'W	56°-40.7'N 172°-09.9'W	7.5	130-185	160	5:12	"	
SI-12	L-42	"	Jul. 2, 1986	56°-29.0'N 171°-26.2'W	56°-26.2'N 171°-37.8'W	8.2	170-820	160	5:23	"	
SI-13	L-43	"	Jul. 3, 1986	56°-23.8'N 171°-14.0'W	56°-16.0'N 171°-10.4'W	7.9	143-215	160	5:10	"	
SI-14	L-44	"	Jul. 4, 1986	56°-09.6'N 170°-40.0'W	56°-07.6'N 170°-50.0'W	7.6	155-800	160	5:30	"	
SI-15	L-45	"	Jul. 5, 1986	56°-00.2'N 169°-52.5'W	56°-08.1'N 169°-49.0'W	8.4	129-200	160	5:11	"	
SI-16	L-47	B-II	Jul. 7, 1986	56°-03.0'N 169°-03.0'W	55°-58.2'N 169°-21.3'W	8.2	130-960	160	5:30	"	
SI-17	L-46	"	Jul. 6, 1986	56°-21.0'N 168°-09.3'W	56°-04.0'N 168°-24.0'W	8.4	135-210	160	5:13	"	
SI-18	L-48	"	Jul. 8, 1986	55°-50.0'N 168°-50.1'W	55°-50.2'N 169°-02.2'W	8.6	160-800	160	5:20	"	Killer whales
SI-19	L-30	"	Jun. 20, 1986	55°-37.7'N 168°-14.5'W	55°-33.6'N 168°-26.9'W	8.2	140-210	160	5:12	"	
SI-20	L-30	"	Jul. 10, 1986	55°-26.0'N 168°-02.7'W	55°-22.4'N 168°-15.1'W	7.9	195-950	160	5:33	"	
SI-21	L-29	"	Jun. 19, 1986	54°-04.4'N 167°-18.4'W	54°-00.0'N 167°-11.1'W	8.2	134-186	160	5:14	"	
SI-22	L-52	"	Jul. 12, 1986	54°-55.0'N 167°-10.0'W	54°-47.3'N 167°-15.0'W	8.1	260-435	160	5:27	"	
SI-23	L-28	"	Jun. 18, 1986	54°-50.4'N 167°-18.4'W	54°-47.0'N 167°-26.9'W	7.6	420-530	160	5:20	"	Killer whales
SI-24	L-51	"	Jul. 11, 1986	54°-29.0'N 167°-05.8'W	54°-24.1'N 167°-09.6'W	5.4	500-595	100	4:07	"	
SI-25	L-58	"	Jul. 21, 1986	54°-40.0'N 166°-27.0'W	54°-33.5'N 166°-34.5'W	8.3	320-440	160	5:24	"	
SI-26	L-54	"	Jul. 14, 1986	54°-47.7'N 166°-01.9'W	54°-48.7'N 166°-11.7'W	8.2	190-315	160	5:21	"	
SI-27	L-53	"	Jul. 13, 1986	54°-55.0'N 166°-01.9'W	54°-53.0'W 165°-53.0'W	8.3	320-410	160	5:19	"	
SI-28	L-53	"	Jul. 19, 1986	54°-27.0'N 165°-40.0'W	54°-29.4'N 165°-53.0'W	8.1	200-490	160	5:24	"	
SI-29	L-56	B-I	Jul. 18, 1986	54°-06.5'N 165°-22.1'W	54°-14.4'N 166°-23.7'W	8.1	100-810	160	5:16	"	Killer whales
SI-30	L-55	"	Jul. 20, 1986	53°-46.4'N 167°-22.1'W	53°-43.3'N 167°-26.9'W	7.6	100-600	160	5:31	"	
SI-31	L-57	"	Jul. 22, 1986	53°-36.9'N 168°-11.8'W	53°-32.0'N 168°-13.6'W	7.8	115-830	160	5:22	"	Killer whales
SI-32	L-59	"	Jun. 2, 1986	53°-17.3'N 168°-50.0'W	53°-06.8'N 168°-55.0'W	7.3	555-860	160	5:31	"	
SI-33	L-17	"	Jul. 2, 1986	53°-02.0'N 170°-07.5'W	53°-06.8'N 170°-18.3'W	8.2	150-650	160	5:29	"	
SI-34	L-60	EA	Jul. 4, 1986	52°-50.2'N 171°-14.6'W	52°-50.3'N 171°-01.6'W	7.7	145-780	160	5:26	"	Killer whales
SI-35	L-18	"	Jun. 14, 1986	52°-17.0'N 173°-30.0'W	52°-25.0'N 173°-30.0'W	8.2	145-850	160	5:26	"	
SI-36	L-27	"	Jun. 13, 1986	52°-03.5'N 174°-50.8'W	52°-11.7'N 174°-42.4'W	8.1	110-880	160	5:19	"	
SI-37	L-26	"	Jun. 12, 1986	52°-08.5'N 175°-37.2'W	52°-03.3'N 175°-45.4'W	7.8	110-940	160	5:36	"	
SI-38	L-25	"	Jun. 11, 1986	51°-54.4'N 177°-33.3'W	51°-54.8'N 177°-34.0'W	7.6	240-1,000	155	5:47	"	
SI-39	L-24	"	Jun. 10, 1986	51°-16.0'N 178°-57.3'W	51°-19.6'N 178°-49.4'W	8.3	130-750	160	6:51	"	
SI-40	L-23	"	May. 9, 1986	52°-02.7'N 176°-12.6'W	52°-07.0'N 176°-00.0'W	8.0	115-620	160	5:25	"	
SI-41	L-10	WA	May. 26, 1986	52°-19.5'N 174°-25.0'W	52°-15.6'N 174°-15.0'W	8.5	105-1,200	160	5:26	"	
SI-42	L-9	"	May. 24, 1986								
SI-43	L-6	"	May. 21, 1986								
SI-44	L-1	"	May. 19, 1986								
SI-45	L-1	"									

Continued.

Table 1. Continued.

Survey Station Number	Operation Number	Area	Date (JST)	Start Position		End Position		Distance (N.mile)	Depth range (m)	Number of baits	Soaking times (mean)	Bait	Remarks
				Lat.	Long.	Lat.	Long.						
SI-46	L-1	WA	May 16, 1986	53°-04'0"N	172°-52'4"E	53°-07'3"N	172°-42'0"E	7.5	90-550	160	5h.15		
SI-47	L-2	"	May 17, 1986	52°-33'6"N	173°-01'0"E	52°-34'0"N	172°-49'0"E	7.4	125-750	160	5.19	squid	
SI-48	L-3	"	May 19, 1986	52°-19'7"N	174°-14'9"E	52°-14'6"N	174°-04'0"E	8.5	130-850	160	5.23	"	
SI-49	L-5	"	May 20, 1986	51°-40'2"N	175°-50'4"E	51°-34'6"N	175°-41'2"E	8.3	105-750	160	5.25	"	
SI-50	L-7	"	May 22, 1986	51°-46'0"N	177°-00'2"E	51°-41'8"N	177°-10'7"E	3.3	125-950	160	5.57	"	
SI-51	L-8	"	May 23, 1986	51°-43'3"N	173°-08'1"E	51°-34'8"N	173°-08'1"E	8.6	120-650	160	5.24	"	
SI-52	L-11	"	May 27, 1986	51°-19'4"N	179°-05'1"E	51°-11'6"N	179°-00'5"E	8.4	100-950	160	5.34	"	
SI-53	L-12	EA	May 28, 1986	51°-24'0"N	178°-36'5"W	51°-21'6"N	179°-26'7"W	8.2	82-890	160	5.35	"	
SI-54	L-21	"	Jun. 8, 1986	51°-45'7"N	178°-10'2"W	51°-44'5"N	178°-23'0"W	7.8	90-530	160	5.32	"	
SI-55	L-20	"	Jun. 7, 1986	51°-34'6"N	177°-40'4"W	51°-30'9"N	177°-51'4"W	7.4	150-860	160	5.26	"	
SI-56	L-13	"	May 29, 1986	51°-32'5"N	176°-51'0"W	51°-26'8"N	176°-43'3"W	7.7	170-900	160	7.10	"	
SI-59	L-19	"	Jun. 5, 1986	51°-53'3"N	174°-19'7"W	51°-48'4"N	174°-28'9"W	8.0	130-820	160	5.33	"	
SI-60	L-15	"	May 31, 1986	51°-55'4"N	173°-30'9"W	51°-52'5"N	173°-41'3"W	7.7	135-730	160	24.25	"	Killer whales
SI-61	L-16	"	Jun. 1, 1986	52°-27'0"N	170°-17'5"W	52°-19'6"N	170°-24'2"W	8.4	230-900	160	5.33	"	
SI-62	L-61	SH	Jul. 24, 1986	52°-35'2"N	169°-30'0"W	52°-29'7"N	169°-31'9"W	8.0	150-780	160	5.39	"	
SI-63	L-62	"	Jul. 25, 1986	52°-58'2"N	168°-09'5"W	52°-51'2"N	168°-13'3"W	7.9	120-850	160	5.20	"	
SI-64	L-63	"	Jul. 26, 1986	53°-11'0"N	166°-51'0"W	53°-04'0"N	166°-53'8"W	7.8	215-950	160	5.19	"	
SI-65	L-64	"	Jul. 27, 1986	53°-34'0"N	165°-42'0"W	53°-26'8"N	165°-45'6"W	7.6	130-770	160	5.13	"	
SI-66	L-65	"	Jul. 28, 1986	53°-44'3"N	164°-26'6"W	53°-38'1"N	164°-33'5"W	7.8	140-770	160	5.21	"	
SI-67	L-66	"	Jul. 29, 1986	53°-59'6"N	163°-17'0"W	53°-52'1"N	163°-20'5"W	8.0	101-750	160	5.24	"	
SI-68	L-67	"	Jul. 30, 1986	54°-05'0"N	162°-04'0"W	54°-02'1"N	162°-14'1"W	7.6	110-850	160	5.29	"	
SI-69	L-68	"	Jul. 31, 1986	54°-19'6"N	161°-03'5"W	54°-11'6"N	161°-05'7"W	8.2	134-830	160	5.26	"	
SI-70	L-69	"	Aug. 1, 1986	54°-21'7"N	160°-13'6"W	54°-13'7"N	160°-15'2"W	8.0	148-720	160	5.29	"	
SI-71	L-70	"	Aug. 3, 1986	54°-30'5"N	159°-15'0"W	54°-22'5"N	159°-20'0"W	8.6	140-880	160	5.41	"	
SI-72	L-71	CH	Aug. 4, 1986	54°-38'3"N	158°-33'3"W	54°-31'2"N	158°-39'7"W	8.2	125-550	160	5.31	"	
SI-73	L-72	"	Aug. 5, 1986	54°-51'4"N	157°-45'0"W	54°-43'9"N	157°-48'7"W	7.8	149-720	160	5.16	"	
SI-74	L-73	"	Aug. 6, 1986	55°-13'0"N	156°-39'0"W	55°-04'8"N	156°-41'8"W	8.6	290-960	160	5.36	"	
SI-75	L-74	"	Aug. 7, 1986	55°-38'6"N	155°-51'8"W	55°-30'3"N	155°-49'8"W	8.6	140-235	160	5.15	"	
SI-76	L-75	"	Aug. 8, 1986	55°-45'3"N	155°-08'0"W	55°-37'7"N	153°-12'2"W	3.2	150-585	160	5.19	"	
SI-77	L-76	"	Aug. 9, 1986	55°-59'0"N	154°-08'7"W	55°-52'8"N	154°-14'3"W	7.8	400-900	160	5.26	"	
SI-78	L-77	"	Aug. 10, 1986	55°-59'1"N	154°-00'3"W	55°-51'3"N	154°-02'3"W	8.1	200-700	160	5.28	"	
SI-79	L-78	KO	Aug. 11, 1986	56°-17'2"N	153°-00'3"W	56°-12'9"N	153°-10'6"W	7.6	123-850	160	5.26	"	
SI-80	L-79	"	Aug. 12, 1986	56°-33'0"N	152°-03'0"W	56°-25'7"N	152°-08'4"W	8.0	135-950	160	5.16	"	
SI-81	L-80	"	Aug. 16, 1986	57°-07'0"N	151°-15'3"W	56°-59'0"N	151°-17'8"W	7.8	210-810	160	5.25	"	
SI-82	L-81	"	Aug. 17, 1986	57°-25'0"N	150°-35'0"W	57°-17'4"N	150°-32'0"W	7.8	160-700	160	5.22	"	
SI-83	L-82	"	Aug. 18, 1986	57°-38'5"N	149°-53'0"W	57°-30'1"N	149°-53'0"W	3.2	380-770	160	5.29	"	
SI-84	L-83	"	Aug. 19, 1986	57°-58'7"N	149°-09'2"W	57°-50'9"N	149°-11'8"W	8.0	158-880	160	5.30	"	
SI-85	L-84	"	Aug. 20, 1986	58°-17'0"N	148°-39'0"W	58°-09'9"N	148°-36'1"W	7.4	130-980	160	5.30	"	
SI-86	L-85	"	Aug. 21, 1986	58°-41'0"N	148°-19'0"W	58°-33'3"N	148°-15'4"W	7.8	290-1,000	160	5.20	"	
SI-87	L-86	"	Aug. 22, 1986	59°-03'4"N	147°-40'2"W	59°-00'3"N	148°-40'2"W	3.2	145-245	160	5.18	"	
SI-88	L-87	YA	Aug. 23, 1986	59°-02'3"N	147°-54'0"W	58°-54'5"N	147°-56'1"W	7.8	150-880	160	5.23	"	
SI-89	L-88	"	Aug. 24, 1986	59°-16'2"N	146°-50'0"W	59°-10'8"N	146°-57'2"W	7.6	190-830	160	5.26	"	
SI-90	L-89	"	Aug. 25, 1986	59°-28'5"N	145°-27'5"W	59°-28'0"N	145°-36'0"W	7.5	190-860	160	5.21	"	

Continued.

Table 1. Continued

Survey Station Number	Operation	Area	Date (LIST)	Start Position		End Position		Distance (Nautic)	Depth range (m)	Number of Archi	Soaking times (mean)	Bait	Remarks
				Lat.	Long.	Lat.	Long.						
St-91	L-50	YA	Aug. 26, 1986	59°-31'6"N	144°-42'5"W	59°-26'5"N	144°-53'0"W	7.4	132-890	160	5:19	-	-
St-92	L-91	-	Aug. 27, 1986	59°-31'0"N	143°-37'5"W	59°-27'4"N	143°-41'0"W	7.2	150-920	160	5:26	-	-
St-93	L-92	-	Aug. 28, 1986	59°-35'5"N	142°-37'0"W	59°-29'7"N	142°-37'5"W	7.6	180-950	160	5:19	-	-
St-94	L-93	-	Aug. 29, 1986	59°-21'0"N	142°-10'0"W	59°-27'0"N	142°-22'0"W	7.4	220-950	160	5:21	-	-
St-95	L-94	-	Aug. 30, 1986	59°-03'0"N	141°-20'0"W	59°-01'3"N	141°-34'0"W	7.3	250-860	160	5:21	-	-
St-96	L-95	-	Aug. 31, 1986	58°-41'0"N	140°-39'0"W	53°-43'2"N	140°-52'2"W	7.6	220-860	160	5:33	-	-
St-97	L-96	-	Sep. 1, 1986	58°-29'0"N	139°-28'0"W	53°-10'0"N	139°-30'4"W	7.6	190-950	160	5:29	-	-
St-98	L-97	-	Sep. 2, 1986	58°-09'0"N	135°-43'0"W	53°-10'0"N	133°-53'3"W	7.5	130-940	160	5:26	-	-
St-99	L-98	-	Sep. 3, 1986	57°-52'4"N	137°-21'0"W	57°-52'0"N	137°-35'0"W	7.8	210-900	160	5:36	-	-
St-100	L-99	SE	Sep. 4, 1986	57°-31'0"N	136°-31'0"W	57°-36'3"N	136°-30'0"W	7.8	135-900	160	5:11	-	-
St-101	L-100	-	Sep. 5, 1986	57°-12'0"N	136°-14'0"W	56°-56'5"N	136°-24'5"W	8.0	220-850	160	5:37	-	-
St-102	L-101	-	Sep. 6, 1986	56°-50'5"N	135°-00'0"W	56°-07'2"N	135°-06'5"W	8.0	220-850	160	5:30	-	-
St-103	L-102	-	Sep. 7, 1986	56°-24'0"N	135°-24'0"W	56°-21'7"N	135°-37'0"W	7.8	135-240	160	5:10	-	-
St-104	L-103	-	Sep. 8, 1986	55°-58'2"N	135°-24'5"W	55°-07'2"N	135°-34'3"W	7.2	230-820	160	5:45	-	-
St-105	L-104	-	Sep. 9, 1986	55°-39'0"N	134°-56'0"W	55°-35'7"N	135°-07'0"W	7.4	230-850	160	5:25	-	-
St-106	L-105	-	Sep. 10, 1986	54°-20'2"N	134°-43'2"W	54°-22'8"N	134°-55'3"W	8.2	245-900	160	5:26	-	-
St-107	L-106	-	Sep. 11, 1986	54°-51'0"N	134°-17'2"W	54°-57'0"N	134°-24'0"W	7.4	235-900	160	5:33	-	-
St-108	L-107	-	Sep. 12, 1986	54°-28'0"N	133°-55'0"W	54°-31'7"N	134°-03'5"W	7.6	240-930	160	5:20	-	-
St-109	-	-	-	60°-50'	178°-15'	-	-	-	-	-	-	-	-
St-110	-	-	-	60°-20'	179°-15'	-	-	-	-	-	-	-	-
St-111	-	-	-	60°-10'	179°-30'	-	-	-	-	-	-	-	-
St-112	-	-	-	60°-30'	178°-25'	-	-	-	-	-	-	-	-
St-113	-	-	-	60°-20'	178°-35'	-	-	-	-	-	-	-	-
St-114	-	-	-	60°-05'	178°-15'	-	-	-	-	-	-	-	-
St-115	-	-	-	59°-35'	178°-25'	-	-	-	-	-	-	-	-
St-116	-	-	-	59°-20'	177°-35'	-	-	-	-	-	-	-	-
St-117	-	-	-	59°-00'	178°-30'	-	-	-	-	-	-	-	-

(7)

Table 1. Steller sea lion rookeries.

<u>State/Region/Site</u>	<u>Boundaries</u>		Latitude	Longitude
	Latitude	Longitude		
Western Aleutians				
Agattu I. \Cape Sabak	52.23.5N	173.43.5E	TO	52.22.0N 173.41.0E
\Gillon Point	52.24.0N	173.21.5E		
Attu I.	52.57.5N	172.31.5E		52.54.5N 172.28.5E
Buldir I.	52.20.5N	175.57.0E		52.23.5N 175.51.0E
Central Aleutians				
Adak I.	51.36.5N	176.58.5W		51.38.0N 176.59.5W
Agligadak I.	52.6.25N	172.54.0W		
Amchitka I. \Column Rock	51.32.5N	178.50.0E		
\East Cape	51.23.5N	179.26.0E		51°22.0N 179.23.0E
Ayugadak I.	51.45.5N	178.24.5E		
Cramp Rock	51.29.0N	178.20.5W		
Kasatochi I.	52.10.5N	175.29.0W		52.10.0N 175.31.5W
Kiska I. \Lief Cove	51.57.5N	177.21.0E		51.56.5N 177.20.0E
\Cape St. Stephen	51.52.5N	177.13.0E		51.53.5N 177.12.0E
Sequam I. \Saddleridge	52.21.5N	172.33.5W		52.21.5N 172.35.0W
Semisopochnoi I.	51.58.5N	179.45.5E		51.57.0N 179.46.0E
Tag I.	51.33.5N	178.34.5W		
Ulak I.	51.20.0N	178.57.0W		51.18.5N 178.59.5W
Yunaska I.	52.41.0N	170.34.5W		52.42.0N 170.38.5W
Eastern Aleutians				
Adugak I.	52.55.0N	169.10.5W		
Akun I. \Billings Head	54.18.0N	165.31.5W		54.18.0N 165.34.0W
Akutan I. \Cape Morgan	54.03.5N	166.00.0W		54.05.5N 166.05.0W
Bogoslof I.	53.56.0N	168.02.0W		
Ogchul I.	53.00.0N	168.24.0W		
Sea Lion Rock	55.28.0N	163.12.5W		
Ugamak I.	54.14.0N	164.48.0W		54.13.0N 164.48.0W
Bering Sea				
Walrus I.	57.11.0N	169.56.0W		
Western Gulf of Alaska				
Atkins I.	55.03.5N	159.18.5W		
Chernabura I.	54.47.5N	159.31.0W		54.45.5N 159.33.5W
Clubbing Rocks	54.42.0N	162.27.5W		54.43.0N 162.27.5W
Pinnacle Rock	54.46.0N	161.46.0W		
Central Gulf of Alaska				
Chirikof I.	55.46.5N	155.39.5W		55.46.5N 155.43.0W
Chowiet I.	56.00.5N	156.41.5W		56.00.5N 156.42.0W
Marmot I.	58.14.0N	151.47.5W		58.10.0N 151.51.0W
Outer I.	59.20.5N	150.23.0W		59.21.0N 150.24.5W
Sugarloaf I.	58.53.0N	152.02.0W		
Eastern Gulf of Alaska				
Seal Rocks	60.10.0N	146.50.0W		
Southeast Alaska				
Forrester I.	54.51.0N	133.32.0W		54.52.5N 133.35.5W
Hazy I.	55.52.0N	134.34.0W		55.51.5N 134.35.0W
White Sisters	57.38.0N	136.15.5W		

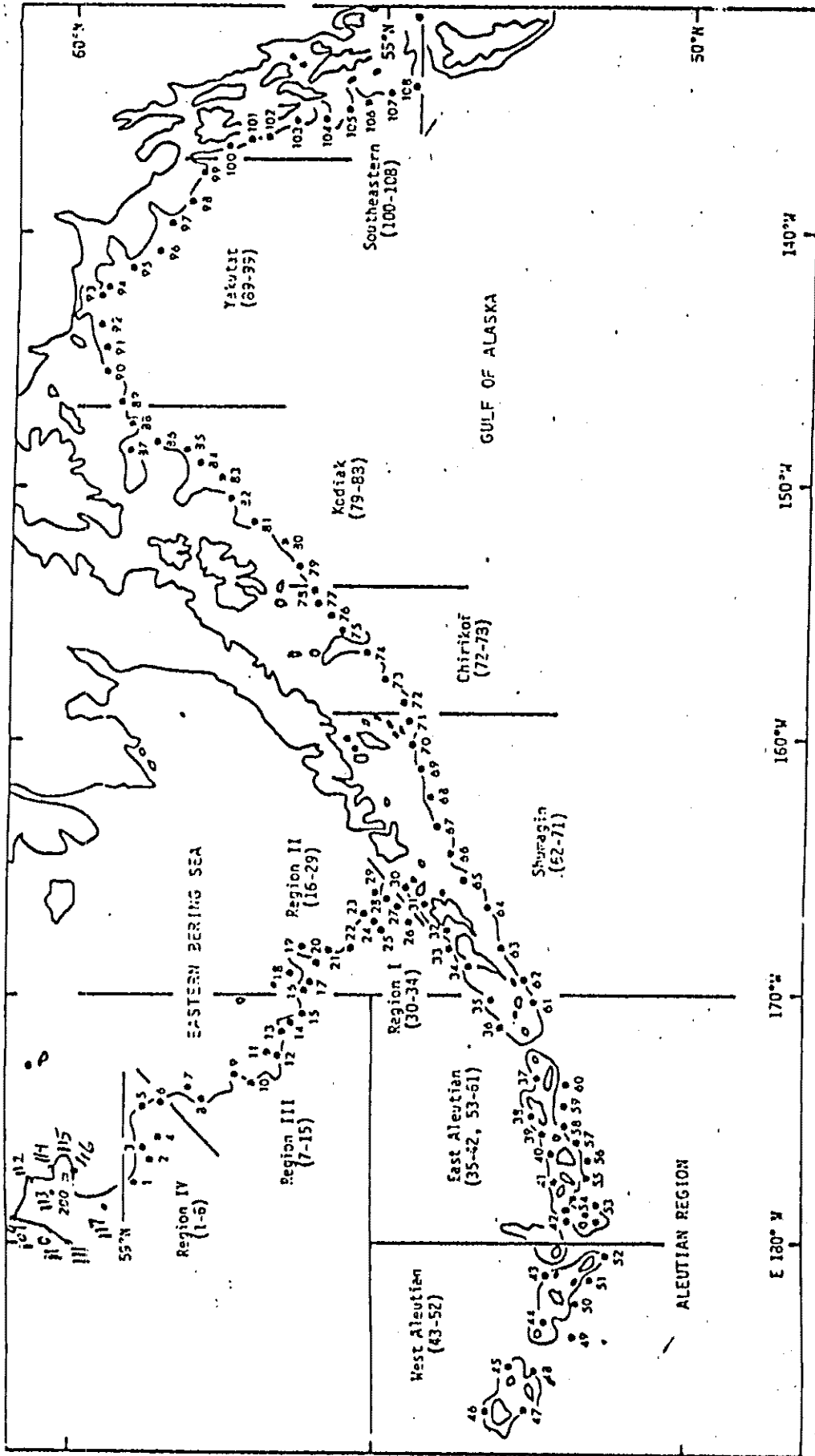


Figure 1. Location of stations in Japan-U.S. joint longline survey in the eastern Bering Sea, Aleutian Islands Region, and Gulf of Alaska.

STELLER SEA LION RECOVERY PLAN

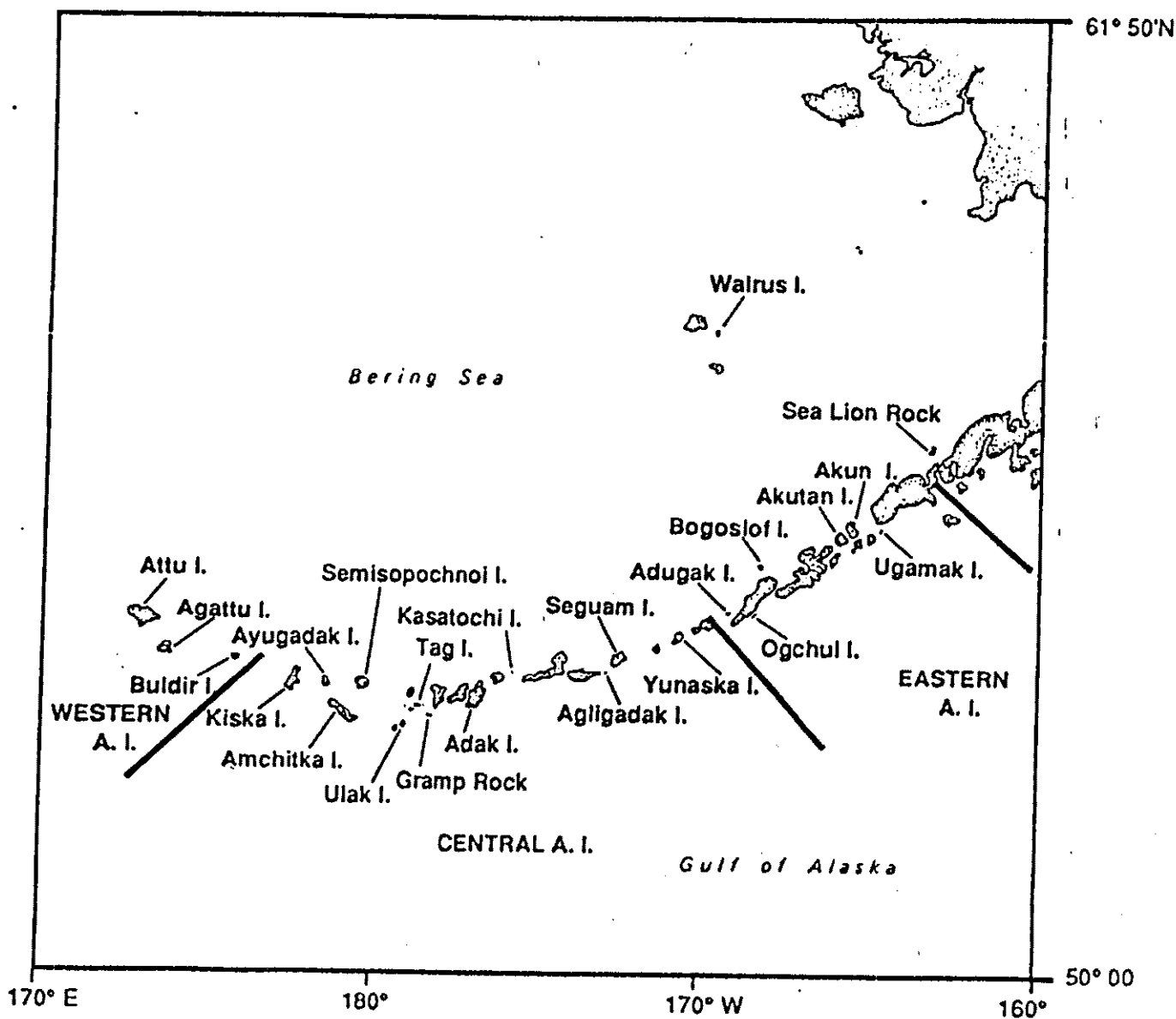


Figure 5. Locations of Steller sea lion rookeries in the Aleutian Islands and Bering Sea.

STELLER SEA LION RECOVERY PLAN

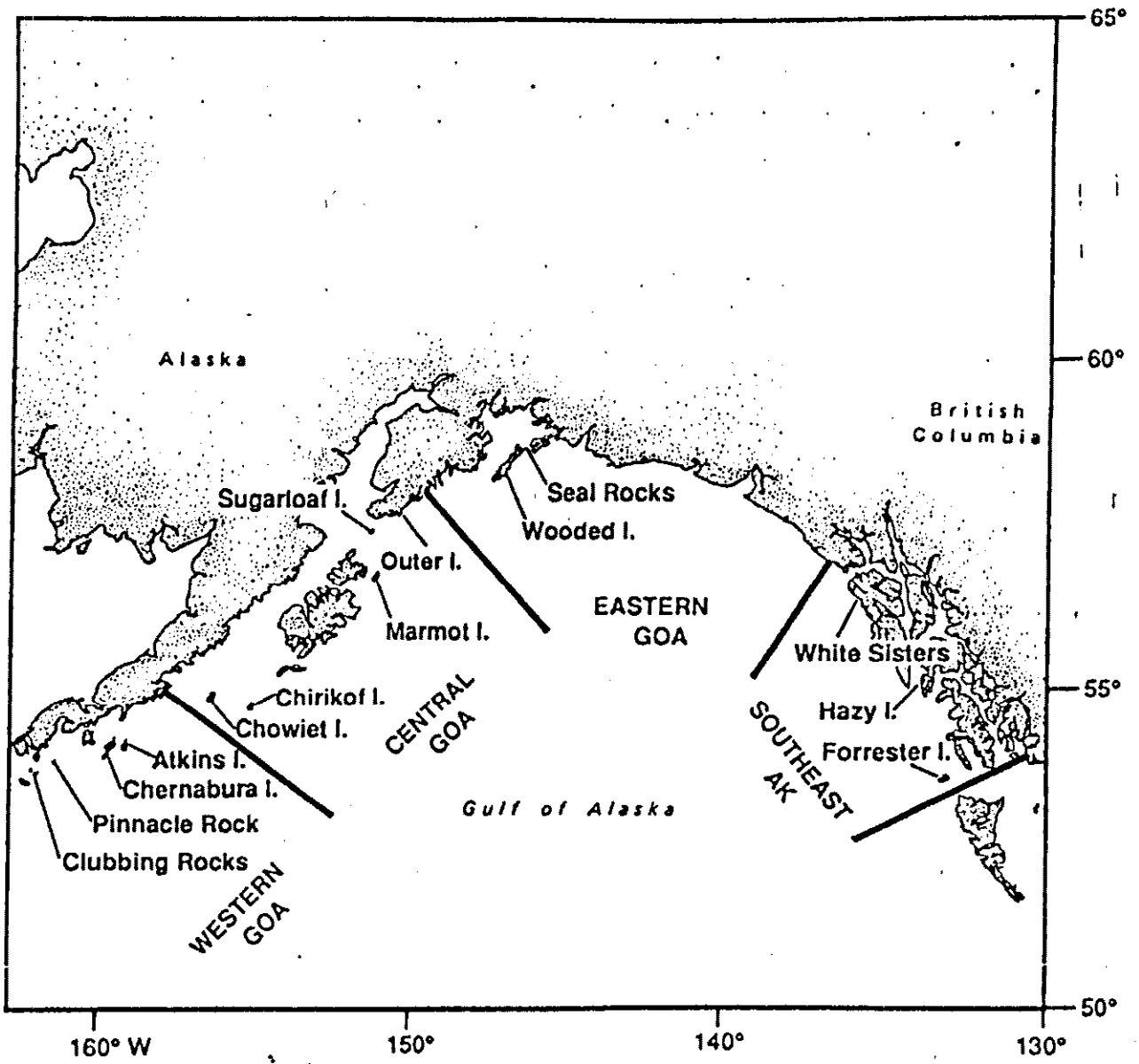


Figure 6. Locations of Steller sea lion rookeries in the Gulf of Alaska and southeast Alaska.