

RESTRICTED

MIN/OIL/1#8

2298/1A

(Formerly)

2298/1A

*closed
vol. 2
opened.*

ATLANTIC & OCEANIC RESOURCES

(GRYNBERG) LTD.

CONNECTED FILES.

NUMBER

2298

MINING LEGISLATION.

JACK GRYNBERG AND ASSOCIATES
PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO

DISTRICT OFFICE:
1455 INTERNATIONAL TRADE MART
NUMBER TWO CANAL STREET
NEW ORLEANS, LOUISIANA 70130
PHONE 504-524-4389

June 26, 1968

Mr. W. H. Thompson
Colonial Secretary
Colonial Secretary's Office
Stanley, Falkland Islands
South America

Dear Sir:

You probably recall our previous correspondence as well as the two geologists, Dr. Robert Berg and Mr. Walter Randall, who have visited the Falkland Islands in the spring of 1966.

Although their findings concerning the geology of Falkland Islands were rather negative onshore, we have now reached the conclusion that there could be an oil potential both offshore Falkland Islands, as well as in the Burdwood Bank.

We are very interested in actively exploring the offshore oil and gas potential and would like immediately to proceed with an application for the shelf area surrounding the Falkland Islands, especially that part between the Falkland Islands and Argentina. Our application would then cover the area between the Falkland Islands shore and mid-point between Argentina and the Falkland Islands.

We would also like to submit a separate application for an oil exploration license for the Burdwood Bank.

At this stage I do not know if the Falkland Islands claim the ownership of the Burdwood Bank and if your office would consider an oil exploration license over the Burdwood Bank. We have in our possession the standard oil exploration license, second schedule, parts I, II, and III, as well as the other regulations which you were kind enough to send us before.

Since mail is rather slow between the Falkland Islands and the United States and if you agree that we could submit an application for the offshore areas of the Falkland Islands, as well as another application for the Burdwood Bank, I would greatly appreciate it if you would send us a night letter cable collect, giving instructions and recommendations to prepare the

See 2

Mr. W. H. Thompson

- 2 -

June 26, 1968

application for an oil exploration license.

Thank you very much for your cooperation.

Sincerely yours,

JACK GRYNBERG AND ASSOCIATES

Jack J. Grynberg (log)
Jack J. Grynberg

JJG/hvg

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS

SENT

P2538 P4776/32/401381 500 11/66 R. Ward 843

Number

Office of Origin

Words

Handed in at

Date

STANLEY

30.7.68

To

LTF GRYNBERG DENVER COLORADO

HGA/C

Oil exploration stop Am willing receive application on
lines indicated oil exploration legislation in respect
shelf stop The more precise the area you can nominate
the better stop State methods you propose use stop
Burdwood not claimed and as far we know is in
international waters

Time

Thompson

See 3

AA

DECODE.

TELEGRAM.

From Grynberg, Denver, Colorado

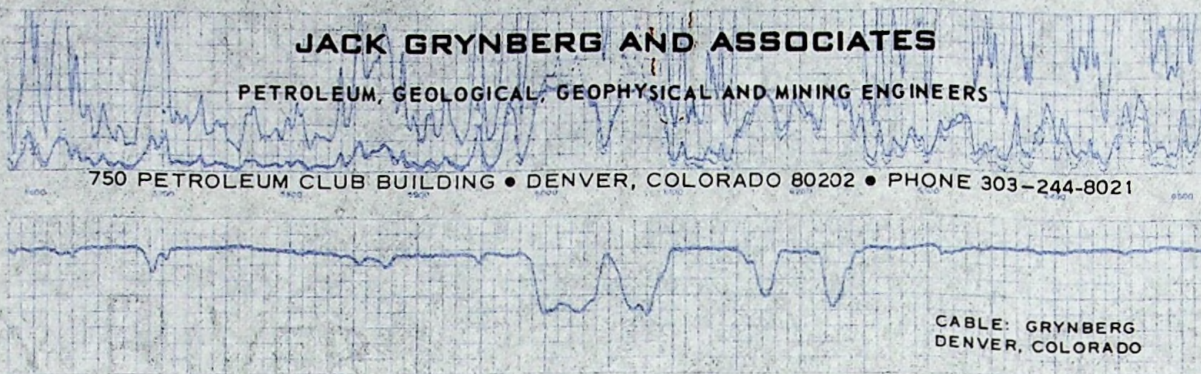
To W.H. Thompson, Governor, Stanley, Falkland Islands.

<i>Despatched</i> :	19th August	19 68	<i>Time</i> :
<i>Received</i> :	20th August	19 68	<i>Time</i> : 0930

Oil exploration licence application covering
continental shelf airmailed today.

Grynberg

PL : TB



August 19, 1968

*Note 7(b) contains chart
definitions of Sec 1.*

W. H. Thompson, Governor
Falkland Islands
Port Stanley
Falkland Islands, South America

Dear Sir:

Sc Enclosed is our application ^{*a*} in duplicate for an oil exploration license covering a portion of the continental shelf of the Falkland Islands. Also enclosed is our ~~check~~ #17356 in the amount of \$11,388.70, to cover the appropriate fee. We have increased our check by a consideration of \$10.00 to cover any bank charges in clearing the check.

In order to ascertain that the mail is not lost on its way to the Falkland Islands we are mailing a duplicate of exactly the same set of applications a week later.

Because we would like to commence exploration operations on the continental shelf of the Falkland Islands as soon as possible, we would greatly appreciate it if you would send to us a telegram "collect" the day our application has been approved. As soon as the telegram is received we would immediately request bids from several aeromagnetic survey contractors in order that such a survey would commence as soon as the bids are received.

We are anxious to help the British balance of payments and are hereby undertaking to use only British companies for all exploration services, provided these services are available and can be obtained at competitive prices.

You may be assured that because of our long studies of the geology of the Falkland Islands, we have now become emotionally involved and are very anxious to proceed with a very active and speedy offshore geophysical exploration effort in hope of finding structures that may be hydrocarbon bearing.

I have just returned from England where our solicitor, Mr. J. A. C. Ellis, of the legal firm of Leman, Harrison and Flegg, 44 Bloomsbury Square, London, WC 1, England, is forming a British company which will be a subsidiary company of Oceanic Exploration and Development Corp. As soon as this corporation has been formed we will wire you the pertinent details, including the name of the subsidiary corporation.

W. H. Thompson, Governor, Falkland Islands

- 2 -

August 19, 1968

Thank you very much for your cooperation.

Sincerely yours,

JACK GRYNBERG AND ASSOCIATES

Jack J. Grynberg (hvg)

Jack J. Grynberg

JJG/hvg
Enclosures

FIRST SCHEDULE

FALKLAND ISLANDS

7a

APPLICATION FOR AN OIL EXPLORATION LICENCE, AN OIL
PROSPECTING LICENCE OR AN OIL MINING LEASE

- (1) Name(s) of Applicant(s) in full. Oceanic Exploration & Development Corp.
- (2) If application is by an individual or individuals
 - (a) Address.....
 - (b) Nationality.....
 - (c) Occupation.....
- (3) If application is by a company
 - (a) Principal place of business... 750. Petroleum Club Bldg.
Denver, Colorado 80202
 - (b) If principal place of business is outside the Colony name and
address of duly authorised agent in the Colony
J. A. C. Ellis, Attorney.....
Leman, Harrison & Flegg
44. Bloomsbury Square, London W.C.1, England.....
Authorized agent will be appointed in the Colony.....
 - (c) Nature of business... Oil, gas and mineral exploration and development.
 - (d) Names of directors Nationality

Jack J. Grynberg.....	U.S.A.
Celeste C. Grynberg.....	U.S.A.
W. S. McCabe.....	U.S.A.
 - (e) Names of principal Amount of
shareholders shareholding

Jack J. Grynberg.....	100%
.....
- (4) State whether an Oil Exploration
Licence, an Oil Prospecting
Licence or an Oil Mining Lease
is required and whether the
application is in respect of
Crown, or alienated lands Oil Exploration License...
- (5) Period for which Licence or Lease is
required..... Two (2) years

- (6) Situation and approximate size of the
area for which application is made .. See attachment
- (7) Brief particulars of previous
experience in oil prospecting or
oilfield development work..... See attachment
- (8) Names and qualifications of
technical experts or advisers..... See attachment
- (9) State amount of capital for
operations under the Licence or Lease
applied for
- (a) At present available..... Assets in excess of 6 million
dollars U.S.
- (b) Which applicant can make A firm commitment of 5 million
dollars U.S. from under-
available and the source..... writers.

- (10) If the applicant is an alien, or a company incorporated outside Her
Majesty's dominions state full particulars of the company to be
incorporated by the applicant in the Colony or in some other part of
Her Majesty's dominions for the purpose of receiving the grant of
and exploiting any Licence or Lease which may be granted, including
particulars similar to those specified in (3) (d) and (8) above and
the amount of the capital proposed. Mr. J.A.C. Ellis, 44 Bloomsbury
Square, London, is forming a subsidiary of Oceanic Exploration and
Development Corp. which will be named Oceanic Exploration and Develop-
ment Corp. Ltd. of Great Britain, with the same directors as in 3(d)
and Jack J. Grynberg 100% ownership of shares.

I/We hereby declare that all the foregoing particulars are correct.

Date.....Signature(s) of Applicant(s).....

(If the applicant is a Company state capacity in which form is signed.)

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or
an Oil Mining Lease

(6) Application Area:

Coordinates of Points
37,729 square miles

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>
A	47°30'S	60°40'W
B	49°30'S	60°0' W
C	50°55'S	61°50'W
D	52°50'S	63°45'W
E	52°25'S	64°40'W
F	51°25'S	65°10'W
G	50°0' S	64°15'W

Exploration Program:

1. An aerial magnetometer survey of the licensed area.

2. The initial seismic lines will be surveyed on the sea on a ten-mile reconnaissance grid pattern followed up with a five mile infill grid pattern. The areas of special interest would be further detailed by seismograph. Advanced methods in seismic exploration would be used that vastly increase the effectiveness of this system in finding productive structures. The latest seismic techniques consisting of a C.D.P. (common depth point digital computer process) seismic survey will be used. An international geophysical company will be contracted to perform seismic surveys in the licensed area.

The most prospective seismic structure would be selected and a well drilled.

(7) The company and its subsidiaries are engaged in the following exploration projects for petroleum, aside from their activities in the field of uranium and exploration for other minerals:

- A. Exploration for oil and gas for itself and for direct investors in the U.S.A. These efforts are concentrated in the western states and those of the Gulf of Mexico coast. The company receives the benefits of production from several oil and gas fields.
- B. Exploration for natural gas in the Green River Basin of Wyoming for a Chemical company. This work has resulted in the discovery of two gas fields.
- C. In partnership with a number of American and Dutch companies, the company is the holder of Block K-9 in the Netherlands part of the North Sea. Exploration work will begin this year.
- D. This company was granted, during May, 1968, two exploration permits on the continental shelf of Ghana.
- E. In association with the Italian company, AGIP Mineraria, we hold an exploration permit on the continental shelf of Madagascar.
- F. A petroleum exploration permit for offshore northwest Sabah, Malaysia is approved.

- G. In uranium, the company carries out exploration in a number of states of the United States of America and holds an extensive exploration permit in Nigeria.

(8) Supervisory Personnel:

Jack J. Grynberg, Denver, Colorado, President of Jack Grynberg and Associates, graduated from the Colorado School of Mines with a professional degree of Petroleum Refining Engineer. Later he received the professional degree of Petroleum Production Engineer and did two years' graduate study in exploration geophysics in the same university. He was employed by Continental Oil Company in 1953 and 1954 in the Research and Development Department. In 1954, he formed his own firm, Jack Grynberg and Associates, to engage in consulting petroleum, geological and geophysical engineering. Mr. Grynberg has written a number of articles about well log interpretation and is a co-author of a textbook on well log interpretation. He conducted some twenty-two four-week intensive courses for petroleum engineers, geologists, and geophysicists on the subjects of electric, radioactive, and acoustic well log interpretation and petroleum reservoir engineering.

W. S. McCabe, Denver, Colorado, received a B.S. (1934) and M.S. (1935) degree in geology from the University of Illinois and one-year graduate work in geology at Princeton. He worked as supervisor of geological personnel for Superior Oil Company of California and for Pan American Oil Company (a subsidiary of Standard Oil Company of Indiana), Canadian Husky in Canada, and as an independent consulting geologist prior to employment by Jack Grynberg and Associates as geologist and Vice-President.

Paul R. May, Denver, Colorado, is employed by Jack Grynberg and Associates as geologist and geophysicist and as a manager of foreign operations. He was previously employed by the U.S. Geological Survey and the California Oil Company. He received a B.S. degree in 1949 and an M.S. degree in 1950 from the University of Michigan.

John J. Thuis, Denver, Colorado, is employed by Jack Grynberg and Associates as a geologist and as manager of domestic exploration. He was previously employed by Phillips Petroleum Company. He received a B.S. degree in Geology from the University of Oklahoma in 1950.

Professor John Chronic, Boulder, Colorado, Professor of Geology, University of Colorado, is retained as a consultant in oil, gas and mineral exploration.

~~131A~~
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EXTRACT FROM MINUTES OF MEETING NO. 7/68 OF EXECUTIVE COUNCIL

HELD ON THE 27th AUGUST 1968

2298

29. OIL EXPLORATION LICENCES

Council noted that an application had been received from Jack Grynberg and Associates, a firm of geological engineers in Colorado, United States of America, for an oil exploration licence to permit them to carry out investigations on the continental shelf of the Colony, and that there were indications that other American companies were also interested in similar oil investigation. The documents in connexion with the Grynberg application were expected in the next inward mail.

Rearing
ACTING CLERK OF COUNCIL

JACK GRYNBERG AND ASSOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO

August 30, 1968

Mr. W. H. Thompson, Governor
Falkland Islands
Port Stanley,
Falkland Island

Dear Sir:

With reference to the application from Jack Grynberg and Associates for an exclusive exploration license covering a portion of the continental shelf of the Falkland Islands, please be advised that it was our intent to file on 37,729 square miles of the continental shelf.

In view of the fact that the only map available was on an extremely large scale, it may be necessary for you to adjust the coordinates, especially on the east side of the application area in order to arrive at precisely 37,729 square miles.

Very truly yours,

JACK GRYNBERG AND ASSOCIATES

W. S. McCabe

W. S. McCabe
Vice President

WSMcC/hvg

LEMAN, HARRISON & FLEGG

S. C. LEMAN,
J. G. MARTIN FLEGG

(INCORPORATING
LEMAN, CHAPMAN & HARRISON
and
FLEGG and SON)
SOLICITORS & EMPIRE LAW AGENTS
Commissioner for Oaths,
Commissioner for Victoria, N.S.W. & N.Z.

TELEGRAMS
LEMMATION, LONDON, W.C.1

TELEPHONE: HOLBORN 8045-6-7

CODE: WESTERN UNION

a
44 Bloomsbury Square,

London, 30th August 1968

W.C.1

OUR REF

JE/SS.

YOUR REF

AIR LETTER

SEP 3 1968

Mr. J.J. Grynberg,
Jack Grynberg & Associates,
750, Petroleum Club Building,
Denver,
Colorado,
U.S.A.

Dear Mr. Grynberg,

I am writing to let you know that the Companies Registration Office have accepted the name Atlantic and Oceanic Resources Limited and I am therefore arranging to have the Company formed immediately.

Yours sincerely,

J. H. C. Ellis

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Dear Sirs,

Your application for an oil exploration licence under cover of your letter dated the 19th August, 1968, has been received.

You will be hearing further from me in due course.

It will be a help if, in future, correspondence on this matter is addressed to the Colonial Secretary, Stanley, Falkland Islands.

Yours faithfully,

(W.H. THOMPSON)
COLONIAL SECRETARY

Jack Grynberg & Associates,
750 Petroleum Club Building,
Denver,
Colorado 80202,
U. S. A.

SC

30

THE TREASURY,
STANLEY, FALKLAND ISLANDS,

Nº 22824

Date 18th September, 1968.

RECEIVED from Colonial Secretary
the sum of Four Thousand six hundred & fifty pds seven shgs & 8^d
on account of Deposits - Jack Grynberg & Associates

(Amt received for the issue of an oil prospecting licence)
£ 4650 - 7s - 8d Cheque Cathie J. J. J.
for Treasurer.

[A numbered receipt should be obtained for all Money paid to Government.]

JACK GRYNBERG AND ASSOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO

September 21, 1968

Mr. W. H. Thompson, Governor
Falkland Islands
Port Stanley,
Falkland Islands

Dear Sir:

Enclosed is a xerox copy of a letter from our solicitors in London, informing us that our subsidiary company in Great Britain will be called Atlantic and Oceanic Resources Limited and the company is now being formed. Accordingly, we would like to change the application from Oceanic Exploration and Development Corp. to Atlantic and Oceanic Resources Limited.

Today we have sent you a wire concerning this matter. The wire read as follows: "THE NAME OF OUR BRITISH SUBSIDIARY COMPANY IS ATLANTIC AND OCEANIC RESOURCES LIMITED."

Thank you very much for your cooperation.

Sincerely yours,

JACK GRYNBERG AND ASSOCIATES

Jack J. Grynberg

JJG/hvg
Enclosure

F. I. ref: 2298/^A~~11~~

SECTEC. ref:

Confidential

9

SAVING TELEGRAM DESPATCH

From: The Officer Administering the Government of the Falkland Islands.

To: The Secretary ~~for Technical Co-operation~~ OF STATE FOR COMMONWEALTH AFFAIRS

Date: 26th September, 1968.

No. 101 SAVING. COLONY

Oil Exploration in Falkland Islands Waters.

I enclose the duplicates of an application by Jack Grynberg and Associates for an oil exploration licence covering a portion of the continental shelf of the Falkland Islands.

The correspondence is self explanatory and at this stage I will not enlarge, except to say that the application is in accordance with our legislation.

In view of the present negotiations with the Argentine Government you may wish to comment on the application. I shall also be very glad for any advice you may have to offer as to how this application should be handled.

GOVERNOR

SC

Copied to 2298/~~11~~

Confidential

4th October, 68.

Dear Sir,

I acknowledge receipt of your ¹⁰letter of September 21st, 1968.

Your application is accepted in the name of Atlantic and Oceanic Resources Limited.

Yours faithfully,

(W.H. THOMPSON)
COLONIAL SECRETARY

Jack J. Grynberg, Esq.,
Jack Grynberg and Associates,
750 Petroleum Club Building,
Denver, Colorado 80202,
U. S. A.

SC

By 7. 11. 68.
(mail)

JACK GRYNBERG AND ASSOCIATES

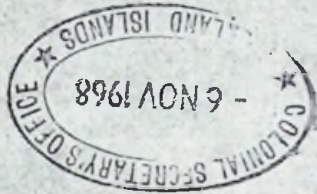
PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO

October 8, 1968

Mr. W. H. Thompson
Colonial Secretary
Colonial Secretary's Office
Stanley, Falkland Islands
South America



Re: #2298/111

Dear Sir:

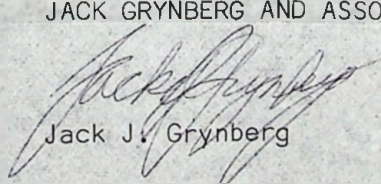
Thank you very much for your letter of ⁸September 17th. Please accept my sincere apologies for the wrong title used in previous correspondence.

By carbon copy of this letter, I am asking our investment bankers, which I believe you refer to as merchant bankers, to write to you directly indicating that they are securing for us a 10 million dollar financing for our proposed offshore operations. Our bankers are Bache and Company, 36 Wall Street, New York, N.Y. 10005, and Eastman Dillon Union Securities, Chase Manhattan Plaza, New York, N.Y. 10005, both of whom are very prominent Wall Street merchant bankers.

Thank you for your cooperation.

Sincerely yours,

JACK GRYNBERG AND ASSOCIATES


Jack J. Grynberg

JJG/hvg



BACHE & CO.
Incorporated
36 WALL STREET
NEW YORK

Mr. W. H. Thompson
Colonial Secretary
Colonial Secretary's Office
Stanley, Falkland Islands
South America

October 11, 1968
W. H. Thompson

RE: JACK GRYNBERG AND ASSOCIATES

Dear Sir:

Bache & Co. Incorporated is pleased to recommend Jack Grynberg & Associates (Oceanic Exploration & Development Corporation, or any Subsidiaries thereof) as a company highly experienced in the oil exploration field. Together with our associates Eastman Dillon, Union Securities & Co., we have reviewed the operations of the company in considerable detail, and are at present studying carefully the feasibility of an offering of equity securities, which will approximate \$10 million. We are prepared, pending appropriate market conditions, to render Jack Grynberg & Associates assistance in raising additional capital in order to finance any worthwhile project that the company may propose to enter into.

Bache & Co. Incorporated is a leading brokerage and investment banking concern founded in 1879. We have approximately one-hundred offices throughout the U.S. and twenty-four offices overseas.

Eastman Dillon, Union Securities & Co. is a major U.S. investment banking concern with considerable experience in the oil industry.

If you have any questions concerning this letter, please feel free to have one of your representatives contact us.

Sincerely,

Jack R. Ackerman
Jack R. Ackerman
Vice President

JRA:hmp

Reply 16

By 19.12.68 - (mail)

No. 941361

THE COMPANIES ACTS, 1948 to 1967

COMPANY LIMITED BY SHARES

Memorandum
AND
Articles of Association
OF

ATLANTIC AND OCEANIC RESOURCES LIMITED

Incorporated the 29th day of October, 1968.

LEMAN, HARRISON & FLEGG,
44, Bloomsbury Square,
LONDON, W.C.1.

CERTIFICATE OF INCORPORATION

No. 941361

I HEREBY CERTIFY that ATLANTIC AND
OCEANIC RESOURCES LIMITED is this day incorporated
under the Companies Acts 1948 to 1967 and that the
Company is Limited.

GIVEN under my hand at London the 29TH
OCTOBER, 1968.

A.E. WHITBY

Assistant Registrar of Companies

COMPANY LIMITED BY SHARES

Memorandum of Association

OF

ATLANTIC AND OCEANIC RESOURCES LIMITED

1. The name of the Company is "ATLANTIC AND OCEANIC RESOURCES LIMITED".
2. The registered office of the Company will be situate in England.
3. The objects for which the Company is established are -
 - (A) (1) To acquire, own, purchase, sell, take on, lease, hold, enjoy, operate, dispose of, convey and lease real and personal property of every description including lands, mines, mineral properties, grants, concessions, leases, claims, licenses, water rights, wells, plants, works, refineries, factories, mills, shops, terminals, stations, waterhouses, pipe lines, storage tanks and drilling rigs, either absolutely or conditionally and either solely or jointly with other parties;
 - (2) To purchase, construct, lease, or otherwise acquire, own, hold, use, maintain, operate, or otherwise manage or control, sell, exchange, lease, mortgage, pledge, or otherwise dispose of, property of any kind or character, real, personal or mixed, tangible or intangible, necessary, useful, or convenient therefor, and to acquire, hold, mortgage, pledge, or dispose of shares, bonds and other evidences of indebtedness;
 - (3) To buy, sell, operate and otherwise deal in oil properties of all kind, including but without limitation, royalties, minerals, overriding royalties, leases, working interests, operating rights and leasehold equipment of any kind and nature;
 - (4) To carry on the business of exporters and importers as principal, factors,

agents or commission merchants in respect to buying, selling, trading or dealing in any kind or kinds of goods, wares and merchandise; and to do a general brokerage, commission, import, forwarding and export business;

- (5) To engage in and carry on the petroleum business, and the various branches thereof, including the production, storage, transportation, purchase and sale of oil and gas and its products and by-products and refining, treating, applying, compounding and preparing them for market;
- (6) To engage in and carry on the business of mining, and the various branches thereof, including exploring for, development, production, storage, transportation, purchase and sale of mineral ores and their products and by-products, and refining, treating, applying, compounding and preparing them for market.
- (B) To carry on any other trade or business which can, in the opinion of the Board of Directors, be advantageously carried on by the Company in connection with or as ancillary to any of the above businesses or the general business of the Company.
- (C) To purchase, take on lease or in exchange, hire or otherwise acquire and hold for any estate or interest any lands, buildings, easements, rights, privileges, concessions, patents, patent rights, licences, secret processes, machinery, plant, stock-in-trade, and any real or personal property of any kind necessary or convenient for the purposes of or in connection with the Company's business or any branch or department thereof.
- (D) To erect, construct, lay down, enlarge, alter and maintain any roads, railways, tramways, sidings, bridges, reservoirs, shops, stores, factories, buildings, works, plant and machinery necessary or convenient for the Company's business, and to contribute to or subsidise the erection, construction and maintenance of any of the above.
- (E) To borrow or raise or secure the payment of money for the purposes of or in connection with the Company's business,

and for the purposes of or in connection with the borrowing or raising of money by the Company to become a member of any building society.

- (F) To mortgage and charge the undertaking and all or any of the real and personal property and assets, present or future, and all or any of the uncalled capital for the time being of the Company, and to issue at par or at a premium or discount, and for such consideration and with such rights, powers and privileges as may be thought fit, debentures or debenture stock, either permanent or redeemable or repayable, and collaterally or further to secure any securities of the Company by a trust deed or other assurance.
- (G) To make advances to customers and others with or without security, and upon such terms as the Company may approve, and to guarantee the liabilities, obligations and contracts of customers and others, and the dividends, interest and capital of the shares, stocks or securities of any company of or in which this Company is a member or is otherwise interested.
- (H) To receive money on deposit or loan upon such terms as the Company may approve, and generally to act as bankers for customers and others.
- (I) To grant pensions, allowances, gratuities and bonuses to officers or ex-officers, employees or ex-employees of the Company or its predecessors in business or the dependents of such persons, and to establish and support, or to aid in the establishment and support of, any schools and any educational, scientific, literary, religious or charitable institutions or trade societies, whether such institutions or societies be solely connected with the business carried on by the Company or its predecessors in business or not, and to institute and maintain any club or other establishment or benefit fund or profit-sharing scheme calculated to advance the interests of the Company or of the officers of or persons employed by the Company.
- (J) To draw, make, accept, endorse, negotiate, discount and execute promissory notes, bills of exchange, and other negotiable instruments.
- (K) To invest and deal with the moneys of the

Company not immediately required for the purposes of the business of the Company in or upon such investments and in such manner as may from time to time be determined.

- (L) To pay for any property or rights acquired by the Company either in cash or fully or partly paid-up shares, with or without preferred or deferred or special rights or restrictions in respect of dividend, repayment of capital, voting or otherwise, or by any securities which the Company has power to issue, or partly in one mode and partly in another, and generally on such terms as the Company may determine.
- (M) To accept payment for any property or rights sold or otherwise disposed of or dealt with by the Company, either in cash, by instalments or otherwise, or in fully or partly paid-up shares or stock of any company or corporation, with or without preferred or deferred or special rights or restrictions in respect of dividend, repayment of capital, voting or otherwise, or in debentures or mortgage debentures or debenture stock, mortgages or other securities of any company or corporation, or partly in one mode and partly in another, and generally on such terms as the Company may determine, and to hold, dispose of or otherwise deal with any shares, stock or securities so acquired.
- (N) To amalgamate with or enter into any partnership or arrangement for sharing profits, union of interests, reciprocal concession or co-operation with any company, firm or person carrying on or proposing to carry on any business within the objects of this Company or which is capable of being carried on so as directly or indirectly to benefit this Company, and to acquire and hold, sell, deal with or dispose of any shares, stock or securities of or other interests in any such company, and to guarantee the contracts or liabilities of, subsidise or otherwise assist, any such company.
- (O) To purchase or otherwise acquire, take over and undertake all or any part of the business, property, liabilities and transactions of any person, firm or company carrying on any business which this Company is authorised to carry on,

or the carrying on of which is calculated to benefit this Company or to advance its interests, or possessed of property suitable for the purposes of the Company.

- (P) To sell, improve, manage, develop, turn to account, exchange, let on rent, royalty, share of profits or otherwise, grant licences, easements and other rights in or over, and in any other manner deal with or dispose of the undertaking and all or any of the property and assets for the time being of the Company for such consideration as the Company may think fit.
- (Q) To distribute among the members in specie any property of the Company, or any proceeds of sale or disposal of any property of the Company, but so that no distribution amounting to a reduction of capital be made except with the sanction (if any) for the time being required by law.
- (R) To do all or any of the above things in any part of the world, and either as principals, agents, trustees, contractors or otherwise, and either alone or in conjunction with others, and either by or through agents, trustees, sub-contractors or otherwise.
- (S) To do all such other things as are incidental or conducive to the above objects or any of them.

4. The liability of the members is limited.

5. The share capital of the Company is £100, divided into 100 shares of £1 each.

WE, the several persons whose names addresses and descriptions are subscribed, are desirous of being formed into a Company in pursuance of this Memorandum of Association, and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

NAMES, ADDRESSES AND DESCRIPTIONS OF SUBSCRIBERS	Number of Shares taken by each Subscriber
J.A.C. ELLIS, JOHN ALEXANDER CARRUTHERS ELLIS 44, Bloomsbury Square, London, W.C.1. Solicitor	1
W.R. COLE, WILLIAM RALPH COLE, 44, Bloomsbury Square, London, W.C.1.	1

Dated this 17th day of October

1968

Witness to the above Signatures -

R.J. WOODLAND,
203, Long Lane,
Bexleyheath,
Kent.

Clerk.

COMPANY LIMITED BY SHARES

Articles of Association

OF

ATLANTIC AND OCEANIC RESOURCES LIMITED

1. Subject as hereinafter provided, the regulations contained or incorporated in Part II of Table A in the First Schedule to the Companies Act, 1948 (hereinafter referred to as "Part II of Table A"), shall apply to the Company.

2. Regulations 24, 53, 75, 77 and 88 of Part I of Table A aforesaid (hereinafter referred to as "Part I of Table A") and regulation 5 of Part II of Table A shall not apply to the Company, but the Articles hereinafter contained together with the remaining regulations of Part I of Table A and regulations 2, 3 and 4 of Part II of Table A, subject to the modifications hereinafter expressed, shall constitute the regulations of the Company.

3. The shares shall be at the disposal of the Directors, who may allot, grant options over or otherwise dispose of them to such persons at such times and on such conditions as they think proper, subject to the provisions of the next following Article and to regulation 2 of Part II of Table A, and provided that no shares shall be issued at a discount, except as provided by Section 57 of the Act.

4. The Company in General Meeting may direct that any original shares for the time being unissued and any new shares from time to time to be created shall, before they are issued, be offered to the members or to any class of members. If any such direction is given, such offer shall be made by notice specifying the number of shares offered, and limiting a time within which the offer, if not accepted, will be deemed to be declined, and after the expiration of such time, or on the receipt of an intimation from the person to whom the offer is made that he declines to accept the shares offered, the Directors may, subject to these Articles, dispose of the same in such

manner as they think most beneficial to the Company and the Directors may, in like manner, dispose of any such new or original shares as aforesaid, which, by reason of the proportion borne by them to the number of persons entitled to any such offer as aforesaid or by reason of any other difficulty in apportioning the same, cannot in the opinion of the Directors be conveniently offered in manner hereinbefore provided.

5. In regulation 11 of Part I of Table A the words "(not being a fully paid share)" and "(other than fully paid shares)" shall be omitted.

6. The instrument of transfer of a fully paid share need not be executed by or on behalf of the transferee and regulation 22 of Part I of Table A shall be modified accordingly.

7. The proviso to regulation 32 of Part I of Table A shall be omitted.

8. Unless and until otherwise determined by the Company in General Meeting, the number of the Directors shall not be less than two nor more than five. The following shall be the first Directors of the Company, that is to say -

JACK GRYNBERG
WILLIAM McCABE

9. The qualification of a Director shall be the holding of one share in the Company.

10. The proviso to regulation 79 of Part I of Table A shall be omitted.

11. The Company shall not be subject to Section 185 of the Act, and accordingly any person may be appointed or elected as a Director, whatever his age, and no Director shall be required to vacate his office of Director by reason of his attaining or having attained the age of seventy years or any other age.

12. The office of a Director shall be vacated -

- (1) If by notice in writing to the Company he resigns the office of Director.
- (2) If he ceases to be a Director by virtue of Section 182 of the Act.
- (3) If he becomes bankrupt or insolvent, or enters into any arrangement with his creditors.

- (4) If he becomes of unsound mind.
- (5) If he is prohibited from being a Director by any order made under Section 188 of the Act.
- (6) If he is removed from office by a resolution duly passed under Section 184 of the Act.

NAMES, ADDRESSES AND DESCRIPTIONS OF SUBSCRIBERS

J.A. ELLIS,
JOHN ALEXANDER CARRUTHERS ELLIS,
44, Bloomsbury Square,
London, W.C.1.
Solicitor

W.R. COLE,
WILLIAM RALPH COLE,
44, Bloomsbury Square,
London, W.C.1.
Solicitor

Dated this 17th day of October 1968

Witness to the above Signatures -

R.J. WOODLAND,
203, Long Lane,
Bexleyheath,
Kent.
Clerk.

COMPANY LIMITED BY SHARES

Memorandum

AND

Articles of Association

OF

ATLANTIC AND OCEANIC RESOURCES
LIMITED

Incorporated the 29th day of
October, 1968.

LEMAN, HARRISON & FLEGG,
44, Bloomsbury Square,
LONDON, W.C.1.

14
LEMAN, HARRISON & FLEGG

S. C. LEMAN.
J. G. MARTIN FLEGG

(INCORPORATING
LEMAN, CHAPMAN & HARRISON
and
FLEGG and SON)

SOLICITORS & COMMONWEALTH LAW AGENTS
Commissioner for Oaths.
Commissioner for Victoria, N.S.W. & N.Z

TELEGRAMS
LEMMATION, LONDON, W.C.1
TELEPHONE: 01-405 8045-6-7
CODE: WESTERN UNION

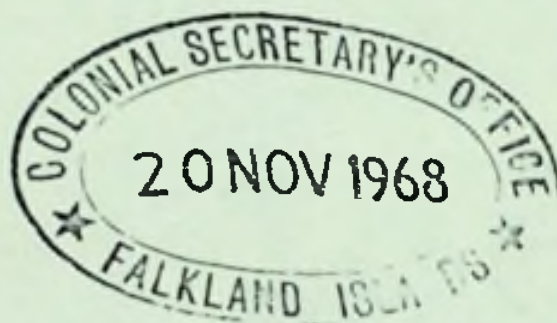
44 Bloomsbury Square,

London, 11th Nov. 1968
W.C.1

OUR REF

YOUR REF

JE/JH



AIR MAIL

The Colonial Secretary,
The Colonial Secretary's Office,
Stanley,
Falkland Islands.

Dear Sir,

At the request of Mr. Jack Grynberg
of Denver Colorado we enclose a copy
of the Memorandum and Articles of Atlantic
and Oceanic Resources Ltd. incorporated
in the United Kingdom last month.

Yours faithfully,

A handwritten signature in dark ink, appearing to read "Leece A. Preece". The signature is written in a cursive, flowing style.

.....ENCLOSURE

15.
DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 20.11.68 Time: 0830 Received: 20.11.68 Time:

25620

No. 256 Confidential. Your telegram No. 227.

Herewith repetition requested begins:- Addressed Governor Falkland Islands telegram No. 255 of 14th November repeated saving to Buenos Aires. Your saving despatch No. 101

Oil Exploration.

Area applied for by Grynberga appears outside Falkland Islands Continental Shelf Order in Council 1950. We are advised that you have no power to grant an oil exploration licence in this area. Your powers are defined by Mining Ordinance Cap 48 section 3 which refers to "Continental Shelf of Colony". As far as municipal laws of Falkland Islands are concerned Continental Shelf of Colony must be interpreted in accordance with Falkland Islands (Continental Shelf) Order in Council 1950, the Geneva Convention on Continental Shelf is not part of municipal law implied in Falkland Islands.

2. UK recognizes that Order in Council is erroneous in that it purports to claim sovereignty over Continental Shelf but decision was taken after UK acceded to Continental Shelf Conventions not to revoke it and so long as it remains unrevoked it is not thought possible to interpret the Continental Shelf in local legislation in any manner inconsistent with Order in Council nor to amend definition in mining laws to accord with international law.

3. This does not alter international position between UK and Falkland Islands. As against Argentina we would probably continue to assert that whole of area applied for by Grynbergs is within Falkland Islands Continental Shelf because it is on Falkland Islands side of Median line and is less than 100 fathoms deep. We base our international (.....) in this enlargement on convention.

4. We are considering whether Falkland Islands Order in Council should be revoked and replaced by another extending shelf and should be grateful for your comment. In the meantime it is suggested that you inform Grynbergs that you cannot grant a licence for area applied for because of legal difficulties and that matter is under consideration. Ends.

STEWART

see 24

By 2.12.68

17

JACK GRYNBERG AND ASSOCIATES
PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO

DISTRICT OFFICE:
1455 INTERNATIONAL TRADE MART
NUMBER TWO CANAL STREET
NEW ORLEANS, LOUISIANA 70130
PHONE 504-524-4389



November 22, 1968

Mr. W. H. Thompson
Colonial Secretary
Stanley
Falkland Islands

Dear Sir:

p.7
On August 19, we submitted to you an application for an oil exploration license covering an area of 37,729 square miles, together with our check in the amount of \$11,318.70 which included \$60.00 filing fee and a \$10.00 exchange charge.

In the first application we were able to get only a small scale map which resulted in certain planimetric errors. We have just received a large scale map of the area which we designated Area I and have recalculated the area under application, as well as made precise measurements in accordance with the 1958 Geneva Convention to establish the median points along which a proper median line has been drawn. Accordingly, we have amended the original application, prepared a new set of maps and have established that the new area covers 30,744 square miles. Thus, our check should have been in the amount of \$9,223.00 plus \$60.00 filing fee plus \$10.00 exchange charge. Therefore, on the filing for Area I, we are due a credit of \$2,025.50. *17(a)*

Enclosed is also an application on offshore Falkland Islands covering Area II, which consists of 18,850.50 square miles. The consideration should be \$5,655.15; subtracting a credit of \$2,025.50 and adding a \$60.00 filing fee and a \$10.00 exchange charge, We are enclosing a check in the amount of \$3,699.65 to cover the application fee for Area II, together with appropriate papers. *17(b)*

I trust you have received from our attorneys, a copy of the Articles of Incorporation of Atlantic and Oceanic Resources Limited.

We would appreciate acknowledgment of receipt of all of the above.

Sincerely yours,

ATLANTIC AND OCEANIC RESOURCES LIMITED

Jack J. Grynberg
President

JJG/hvg
Enclosures

AMENDEDAPPLICATION FOR AN OIL EXPLORATION LICENCE, AN OIL
PROSPECTING LICENCE OR AN OIL MINING LEASEAMENDED

- (1) Name(s) of Applicant(s) in full. Atlantic and Oceanic Resources Limited
(G.B.) as successor in interest to Oceanic Exploration & Development Corp.
- (2) If application is by an individual or individuals. (Colorado, U.S.A.)
- (a) Address.....
- (b) Nationality.....
- (c) Occupation.....
- (3) If application is by a company
- (a) Principal place of business. 750 Petroleum Club Bldg., Denver, Colorado
80202
- (b) If principal place of business is outside the Colony name and
address of duly authorised agent in the Colony
to be designated.....
- (c) Nature of business. Oil, gas and mineral exploration and development.

AMENDED

- (d) Names of directors
- | | Nationality |
|--------------------------------|---------------------|
| <u>Jack J. Grynberg</u> | <u>U.S.A.</u> |
| <u>William S. McCabe</u> | <u>U.S.A.</u> |

AMENDED

- (e) Names of principal
- | | Amount of |
|--|-----------------------------------|
| shareholders | shareholding |
| <u>Oceanic Exploration Corporation</u> | <u>100% except for qualifying</u> |
| | <u>shares</u> |
- (4) State whether an Oil Exploration
Licence, an Oil Prospecting
Licence or an Oil Mining Lease
is required and whether the
application is in respect of
Crown, or alienated lands Oil exploration license....
- (5) Period for which Licence or Lease is
required..... two (2) years

AMENDED

- (6) Situation and approximate size of the area for which application is made ..
- (7) Brief particulars of previous experience in oil prospecting or oilfield development work.....

See attached amended map and coordinates delineating amended area description.

See original application.....

- (8) Names and qualifications of technical experts or advisers.....

See original application.....

AMENDED

- (9) State amount of capital for operations under the Licence or Lease applied for

(a) At present available.....

\$7,000,000 net assets in parent corporation.

(b) Which applicant can make available and the source.....

In addition to (a) above \$10,000,000 from projected underwriting for parent corporation.

- (10) If the applicant is an alien, or a company incorporated outside Her Majesty's dominions state full particulars of the company to be incorporated by the applicant in the Colony or in some other part of Her Majesty's dominions for the purpose of receiving the grant of and exploiting any Licence or Lease which may be granted, including particulars similar to those specified in (3) (d) and (8) above and the amount of the capital proposed.

I/We hereby declare that all the foregoing particulars are correct.

Date as of original..... Signature(s) of Applicant(s).....
filing date: October 4, 1968 (our date August 19).
(If the Applicant is a Company state capacity in which form is signed.)

ATLANTIC AND OCEANIC RESOURCES LIMITED

By: _____

President Jack J. Grynberg

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

(6) Application Area:

For Coordinates of Points, see attached. AREA I

Exploration Program:

1. An aerial magnetometer survey of the licensed area.
2. The initial seismic lines will be surveyed on the sea on a ten-mile reconnaissance grid pattern followed up with a five-mile infill grid pattern. The areas of special interest would be further detailed by seismograph. Advanced methods in seismic exploration would be used that vastly increase the effectiveness of this system in finding productive structures. The latest seismic techniques consisting of C.D.P. (common depth point digital computer process) seismic survey will be used. An international geophysical company will be contracted to perform seismic surveys in the licensed area.

The most prospective seismic structure would be selected and a well drilled upon issuance of an oil prospecting permit.

Schedule 7

Oceanic Exploration Corporation and its subsidiaries are engaged in the following exploration projects for petroleum, aside from their activities in the exploration for other minerals:

- A. In partnership with a number of American and Dutch companies, the company is the holder of Block K-9 in the Netherlands part of the North Sea. Exploration work is presently being undertaken.
- B. This Company was granted, during May 1968, two exploration permits on the continental shelf of Ghana.
- C. In association with the Italian company, AGIP Mineraria, we hold an exploration permit on the continental shelf of Madagascar and expect a permit to issue shortly on a second such area.
- D. A petroleum exploration permit for offshore northwest Sabah, Malaysia, is approved.
- E. The Company is presently participating in an exploration license in Israel. Drilling is presently being undertaken.
- F. The Company presently holds exploration licenses covering uranium and other radioactive minerals in the Republic of Nigeria. Exploration is about to commence.

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

- G. The Company has other application for exploration permits and leases throughout the world, in different stages of development.

Schedule 8

Supervisory Personnel:

Jack J. Grynberg, Denver, Colorado, President of both Oceanic Exploration Corporation and Atlantic and Oceanic Resources, Ltd., graduated from the Colorado School of Mines with a professional degree of Petroleum Refining Engineer. Later he received the professional degree of Petroleum Production Engineer and did two years' graduate study in exploration geophysics in the same university. He was employed by Continental Oil Company in 1953 and 1954 in the Research and Development Department. In 1954, he formed his own firm, Jack Grynberg and Associates, to engage in consulting petroleum, geological and geophysical engineering. Mr. Grynberg has written a number of articles about well log interpretation and is a co-author of a textbook on well log interpretation. He has conducted some twenty-two four-week intensive courses for petroleum engineers, geologists, and geophysicists on the subjects of electric, radioactive, and acoustic well log interpretation and petroleum reservoir engineering.

W. S. McCabe, Denver, Colorado, received a B.S. (1934) and M.S. (1935) degree in geology from the University of Illinois and one-year graduate work in geology at Princeton. He worked as supervisor of geological personnel for Superior Oil Company of California and for Pan American Oil Company (a subsidiary of Standard Oil Company of Indiana), Canadian Husky in Canada, and as an independent consulting geologist prior to employment by Jack Grynberg and Associates as geologist and Vice President of that firm. He is presently associated with Oceanic Exploration Corporation.

Paul R. May, Denver, Colorado, was employed by Jack Grynberg and Associates as geologist and geophysicist and as a manager of foreign operations until his affiliation with Oceanic Exploration Corporation. He was previously employed by the U.S. Geological Survey and the California Oil Company. He received a B.S. degree in 1949 and an M.S. degree in 1950 from the University of Michigan.

John J. Thuis, Denver, Colorado, was employed by Jack Grynberg and Associates as a geologist and as manager of domestic exploration until his affiliation with Oceanic Exploration Corporation. He was previously employed by Phillips Petroleum Company. He received a B.S. degree in Geology from the University of Oklahoma in 1950.

Professor John Chronic, Boulder, Colorado, Professor of Geology, University of Colorado, is retained as a consultant in oil, gas and mineral exploration.

FALKLAND ISLANDS (amended)

AREA I

30,744 SQUARE MILES

COORDINATES

November 22, 1968

(6)

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
1	47°47'S	60°52'W
2	47°47'S	60°54'W
3	47°48'S	60°54'W
4	47°48'S	60°55'W
5	47°49'S	60°55'W
6	47°49'S	60°57'W
7	47°50'S	60°57'W
8	47°50'S	60°58'W
9	47°51'S	60°58'W
10	47°51'S	61°00'W
11	47°52'S	61°00'W
12	47°52'S	61°01'W
13	47°53'S	61°01'W
14	47°53'S	61°03'W
15	47°54'S	61°03'W
16	47°54'S	61°05'W
17	47°55'S	61°05'W
18	47°55'S	61°07'W
19	47°56'S	61°07'W
20	47°56'S	61°08'W
21	47°57'S	61°08'W
22	47°57'S	61°10'W
23	47°58'S	61°10'W
24	47°58'S	61°12'W
25	47°59'S	61°12'W
26	47°59'S	61°13'W
27	48°00'S	61°13'W
28	48°00'S	61°14'W
29	48°01'S	61°14'W
30	48°01'S	61°16'W
31	48°02'S	61°16'W
32	48°02'S	61°18'W
33	48°03'S	61°18'W
34	48°03'S	61°19'W
35	48°04'S	61°19'W
36	48°04'S	61°21'W
37	48°05'S	61°21'W
38	48°05'S	61°23'W
39	48°06'S	61°23'W
40	48°06'S	61°24'W
41	48°07'S	61°24'W
42	48°07'S	61°25'W
43	48°08'S	61°25'W
44	48°08'S	61°26'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
45	48°09'S	61°26'W
46	48°09'S	61°27'W
47	48°10'S	61°27'W
48	48°10'S	61°30'W
49	48°11'S	61°30'W
50	48°11'S	61°31'W
51	48°12'S	61°31'W
52	48°12'S	61°33'W
53	48°13'S	61°33'W
54	48°13'S	61°34'W
55	48°14'S	61°34'W
56	48°14'S	61°36'W
57	48°15'S	61°36'W
58	48°15'S	61°37'W
59	48°16'S	61°37'W
60	48°16'S	61°39'W
61	48°17'S	61°39'W
62	48°17'S	61°40'W
63	48°18'S	61°40'W
64	48°18'S	61°42'W
65	48°19'S	61°42'W
66	48°19'S	61°44'W
67	48°20'S	61°44'W
68	48°20'S	61°45'W
69	48°21'S	61°45'W
70	48°21'S	61°47'W
71	48°22'S	61°47'W
72	48°22'S	61°49'W
73	48°23'S	61°49'W
74	48°23'S	61°51'W
75	48°24'S	61°51'W
76	48°24'S	61°52'W
77	48°25'S	61°52'W
78	48°25'S	61°54'W
79	48°26'S	61°54'W
80	48°26'S	61°56'W
81	48°27'S	61°56'W
82	48°27'S	61°58'W
83	48°28'S	61°58'W
84	48°28'S	61°59'W
85	48°29'S	61°59'W
86	48°29'S	62°00'W
87	48°30'S	62°00'W
88	48°30'S	62°01'W
89	48°31'S	62°01'W
90	48°31'S	62°03'W
91	48°32'S	62°03'W
92	48°32'S	62°05'W
93	48°33'S	62°05'W
94	48°33'S	62°06'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
95	48°34'S	62°06'W
96	48°34'S	62°08'W
97	48°35'S	62°08'W
98	48°35'S	62°09'W
99	48°36'S	62°09'W
100	48°36'S	62°11'W
101	48°37'S	62°11'W
102	48°37'S	62°13'W
103	48°38'S	62°13'W
104	48°38'S	62°14'W
105	48°39'S	62°14'W
106	48°39'S	62°17'W
107	48°40'S	62°17'W
108	48°40'S	62°18'W
109	48°41'S	62°18'W
110	48°41'S	62°19'W
111	48°42'S	62°19'W
112	48°42'S	62°21'W
113	48°43'S	62°21'W
114	48°43'S	62°22'W
115	48°44'S	62°22'W
116	48°44'S	62°24'W
117	48°45'S	62°24'W
118	48°45'S	62°26'W
119	48°46'S	62°26'W
120	48°46'S	62°27'W
121	48°47'S	62°27'W
122	48°47'S	62°29'W
123	48°48'S	62°29'W
124	48°48'S	62°31'W
125	48°49'S	62°31'W
126	48°49'S	62°33'W
127	48°50'S	62°33'W
128	48°50'S	62°34'W
129	48°51'S	62°34'W
130	48°51'S	62°36'W
131	48°52'S	62°36'W
132	48°52'S	62°37'W
133	48°53'S	62°37'W
134	48°53'S	62°39'W
135	48°54'S	62°39'W
136	48°54'S	62°40'W
137	48°55'S	62°40'W
138	48°55'S	62°42'W
139	48°56'S	62°42'W
140	48°56'S	62°44'W
141	48°57'S	62°44'W
142	48°57'S	62°45'W
143	48°58'S	62°45'W
144	48°58'S	62°47'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
145	48°59'S	62°47'W
146	48°59'S	62°49'W
147	49°00'S	62°49'W
148	49°00'S	62°50'W
149	49°01'S	62°50'W
150	49°01'S	62°52'W
151	49°02'S	62°52'W
152	49°02'S	62°54'W
153	49°03'S	62°54'W
154	49°03'S	62°56'W
155	49°04'S	62°56'W
156	49°04'S	62°58'W
157	49°05'S	62°58'W
158	49°05'S	62°59'W
159	49°06'S	62°59'W
160	49°06'S	63°01'W
161	49°07'S	63°01'W
162	49°07'S	63°02'W
163	49°08'S	63°02'W
164	49°08'S	63°04'W
165	49°09'S	63°04'W
166	49°09'S	63°06'W
167	49°10'S	63°06'W
168	49°10'S	63°08'W
169	49°11'S	63°08'W
170	49°11'S	63°10'W
171	49°12'S	63°10'W
172	49°12'S	63°11'W
173	49°13'S	63°11'W
174	49°13'S	63°14'W
175	49°14'S	63°14'W
176	49°14'S	63°15'W
177	49°15'S	63°15'W
178	49°15'S	63°17'W
179	49°16'S	63°17'W
180	49°16'S	63°18'W
181	49°17'S	63°18'W
182	49°17'S	63°19'W
183	49°18'S	63°19'W
184	49°18'S	63°20'W
185	49°19'S	63°20'W
186	49°19'S	63°21'W
187	49°20'S	63°21'W
188	49°20'S	63°23'W
189	49°21'S	63°23'W
190	49°21'S	63°24'W
191	49°22'S	63°24'W
192	49°22'S	63°26'W
193	49°23'S	63°26'W
194	49°23'S	63°27'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
195	49°24'S	63°27'W
196	49°24'S	63°29'W
197	49°25'S	63°29'W
198	49°25'S	63°31'W
199	49°26'S	63°31'W
200	49°26'S	63°32'W
201	49°27'S	63°32'W
202	49°27'S	63°34'W
203	49°28'S	63°34'W
204	49°28'S	63°35'W
205	49°29'S	63°35'W
206	49°29'S	63°37'W
207	49°30'S	63°37'W
208	49°30'S	63°38'W
209	49°31'S	63°38'W
210	49°31'S	63°39'W
211	49°32'S	63°39'W
212	49°32'S	63°41'W
213	49°33'S	63°41'W
214	49°33'S	63°43'W
215	49°34'S	63°43'W
216	49°34'S	63°44'W
217	49°35'S	63°44'W
218	49°35'S	63°46'W
219	49°36'S	63°46'W
220	49°36'S	63°48'W
221	49°37'S	63°48'W
222	49°37'S	63°50'W
223	49°39'S	63°50'W
224	49°39'S	63°51'W
225	49°40'S	63°51'W
226	49°40'S	63°53'W
227	49°41'S	63°53'W
228	49°41'S	63°54'W
229	49°42'S	63°54'W
230	49°42'S	63°56'W
231	49°43'S	63°56'W
232	49°43'S	63°57'W
233	49°44'S	63°57'W
234	49°44'S	63°58'W
235	49°45'S	63°58'W
236	49°45'S	64°00'W
237	49°46'S	64°00'W
238	49°46'S	64°01'W
239	49°47'S	64°01'W
240	49°47'S	64°03'W
241	49°48'S	64°03'W
242	49°48'S	64°04'W
243	49°49'S	64°04'W
244	49°49'S	64°05'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
245	49°50'S	64°05'W
246	49°50'S	64°07'W
247	49°51'S	64°07'W
248	49°51'S	64°08'W
249	49°52'S	64°08'W
250	49°52'S	64°09'W
251	49°53'S	64°09'W
252	49°53'S	64°10'W
253	49°54'S	64°10'W
254	49°54'S	64°12'W
255	49°55'S	64°12'W
256	49°55'S	64°14'W
257	49°57'S	64°14'W
258	49°57'S	64°16'W
259	49°58'S	64°16'W
260	49°58'S	64°17'W
261	49°59'S	64°17'W
262	49°59'S	64°18'W
263	50°00'S	64°18'W
264	50°00'S	64°19'W
265	50°01'S	64°19'W
266	50°01'S	64°21'W
267	50°02'S	64°21'W
268	50°02'S	64°22'W
269	50°03'S	64°22'W
270	50°03'S	64°24'W
271	50°04'S	64°24'W
272	50°04'S	64°25'W
273	50°05'S	64°25'W
274	50°05'S	64°26'W
275	50°06'S	64°26'W
276	50°06'S	64°27'W
277	50°07'S	64°27'W
278	50°07'S	64°29'W
279	50°09'S	64°29'W
280	50°09'S	64°31'W
281	50°13'S	64°31'W
282	50°13'S	64°32'W
283	50°17'S	64°32'W
284	50°17'S	64°33'W
285	50°19'S	64°33'W
286	50°19'S	64°34'W
287	50°22'S	64°34'W
288	50°22'S	64°35'W
289	50°26'S	64°35'W
290	50°26'S	64°36'W
291	50°28'S	64°36'W
292	50°28'S	64°37'W
293	50°30'S	64°37'W
294	50°30'S	64°38'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
295	50°33'S	64°38'W
296	50°33'S	64°39'W
297	50°36'S	64°39'W
298	50°36'S	64°40'W
299	50°41'S	64°40'W
300	50°41'S	64°41'W
301	50°44'S	64°41'W
302	50°44'S	64°42'W
303	50°46'S	64°42'W
304	50°46'S	64°43'W
305	50°49'S	64°43'W
306	50°49'S	64°44'W
307	50°52'S	64°44'W
308	50°52'S	64°45'W
309	50°55'S	64°45'W
310	50°55'S	64°46'W
311	50°58'S	64°46'W
312	50°58'S	64°47'W
313	51°00'S	64°47'W
314	51°00'S	64°48'W
315	51°02'S	64°48'W
316	51°02'S	64°49'W
317	51°05'S	64°49'W
318	51°05'S	64°50'W
319	51°08'S	64°50'W
320	51°08'S	64°51'W
321	51°11'S	64°51'W
322	51°11'S	64°52'W
323	51°14'S	64°52'W
324	51°14'S	64°53'W
325	51°17'S	64°53'W
326	51°17'S	64°54'W
327	51°20'S	64°54'W
328	51°20'S	64°55'W
329	51°23'S	64°55'W
330	51°23'S	64°57'W
331	51°26'S	64°57'W
332	51°26'S	64°56'W
333	51°28'S	64°56'W
334	51°28'S	64°55'W
335	51°31'S	64°55'W
336	51°31'S	64°54'W
337	51°34'S	64°54'W
338	51°34'S	64°53'W
339	51°37'S	64°53'W
340	51°37'S	64°52'W
341	51°40'S	64°52'W
342	51°40'S	64°51'W
343	51°43'S	64°51'W
344	51°43'S	64°50'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
345	51°45'S	64°50'W
346	51°45'S	64°49'W
347	51°48'S	64°49'W
348	51°48'S	64°48'W
349	51°51'S	64°48'W
350	51°51'S	64°47'W
351	51°54'S	64°47'W
352	51°54'S	64°46'W
353	51°57'S	64°46'W
354	51°57'S	64°45'W
355	51°59'S	64°45'W
356	51°59'S	64°44'W
357	52°09'S	64°44'W
358	52°09'S	64°43'W
359	52°21'S	64°43'W
360	52°21'S	64°42'W
361	52°31'S	64°42'W
362	52°31'S	64°41'W
363	52°35'S	64°41'W
364	52°35'S	64°40'W
365	52°36'S	64°40'W
366	52°36'S	64°39'W
367	52°38'S	64°39'W
368	52°38'S	64°38'W
369	52°40'S	64°38'W
370	52°40'S	64°37'W
371	52°42'S	64°37'W
372	52°42'S	64°36'W
373	52°44'S	64°36'W
374	52°44'S	64°35'W
375	52°46'S	64°35'W
376	52°46'S	64°34'W
377	52°49'S	64°34'W
378	52°49'S	64°33'W
379	52°51'S	64°33'W
380	52°51'S	64°32'W
381	52°53'S	64°32'W
382	52°53'S	64°31'W
383	52°55'S	64°31'W
384	52°55'S	64°30'W
385	52°57'S	64°30'W
386	52°57'S	64°29'W
387	52°59'S	64°29'W
388	52°59'S	64°28'W
389	52°00'S	64°28'W
390	53°00'S	64°27'W
391	53°02'S	64°27'W
392	53°02'S	64°26'W
393	53°04'S	64°26'W
394	53°04'S	64°24'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
395	53°07'S	64°25'W
396	53°07'S	64°24'W
397	53°08'S	64°24'W
398	53°08'S	64°23'W
399	53°11'S	64°23'W
400	53°11'S	64°22'W
401	53°13'S	64°22'W
402	53°13'S	64°21'W
403	53°15'S	64°21'W
404	53°15'S	64°20'W
405	53°17'S	64°20'W
406	53°17'S	64°19'W
407	53°19'S	64°19'W
408	53°19'S	64°18'W
409	53°21'S	64°18'W
410	53°21'S	64°17'W
411	53°23'S	64°17'W
412	53°23'S	64°15'W
413	53°12'S	64°15'W
414	53°12'S	64°14'W
415	53°10'S	64°14'W
416	53°10'S	64°13'W
417	53°07'S	64°13'W
418	53°07'S	64°12'W
419	53°05'S	64°12'W
420	53°05'S	64°11'W
421	53°03'S	64°11'W
422	53°03'S	64°10'W
423	53°01'S	64°10'W
424	53°01'S	64°11'W
425	52°59'S	64°11'W
426	52°59'S	64°12'W
427	52°57'S	64°12'W
428	52°57'S	64°13'W
429	52°56'S	64°13'W
430	52°56'S	64°14'W
431	52°55'S	64°14'W
432	52°55'S	64°15'W
433	52°50'S	64°15'W
434	52°50'S	64°04'W
435	52°51'S	64°04'W
436	52°51'S	64°01'W
437	52°52'S	64°01'W
438	52°52'S	63°47'W
439	52°46'S	63°47'W
440	52°46'S	63°48'W
441	52°44'S	63°48'W
442	52°44'S	63°49'W
443	52°43'S	63°49'W
444	52°43'S	63°50'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
445	52°42'W	63°50'W
446	52°42'S	63°51'W
447	52°41'S	63°51'W
448	52°41'S	63°52'W
449	52°40'S	63°52'W
450	52°40'S	63°53'W
451	52°39'S	63°53'W
452	52°39'S	63°54'W
453	52°38'S	63°54'W
454	52°38'S	63°55'W
455	52°37'S	63°55'W
456	52°37'S	63°56'W
457	52°36'S	63°56'W
458	52°36'S	63°57'W
459	52°35'S	63°57'W
460	52°35'S	63°58'W
461	52°33'S	63°58'W
462	52°33'S	63°59'W
463	52°30'S	63°59'W
464	52°30'S	64°00'W
465	52°27'S	64°00'W
466	52°27'S	64°01'W
467	52°24'S	64°01'W
468	52°24'S	64°02'W
469	52°21'S	64°02'W
470	52°21'S	64°03'W
471	52°18'S	64°03'W
472	52°18'S	64°06'W
473	52°17'S	64°06'W
474	52°17'S	64°14'W
475	52°19'S	64°14'W
476	52°19'S	64°16'W
477	52°22'S	64°16'W
478	52°22'S	64°32'W
479	52°19'S	64°32'W
480	52°19'S	64°31'W
481	52°18'S	64°31'W
482	52°18'S	64°28'W
483	52°17'S	64°28'W
484	52°17'S	64°21'W
485	52°16'S	64°21'W
486	52°16'S	64°17'W
487	52°15'S	64°17'W
488	52°15'S	64°14'W
489	52°14'S	64°14'W
490	52°14'S	64°12'W
491	52°10'S	64°12'W
492	52°10'S	64°10'W
493	52°09'S	64°10'W
494	52°09'S	63°57'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
495	52°08'S	63°57'W
496	52°08'S	63°56'W
497	52°07'S	63°56'W
498	52°07'S	63°55'W
499	52°06'S	63°55'W
500	52°06'S	63°54'W
501	52°05'S	63°54'W
502	52°05'S	63°53'W
503	52°04'S	63°53'W
504	52°04'S	63°52'W
505	52°03'S	63°52'W
506	52°03'S	63°51'W
507	52°02'S	63°51'W
508	52°02'S	63°49'W
509	51°59'S	63°49'W
510	51°59'S	63°47'W
511	51°58'S	63°47'W
512	51°58'S	63°46'W
513	51°57'S	63°46'W
514	51°57'S	63°45'W
515	51°56'S	63°45'W
516	51°56'S	63°43'W
517	51°55'S	63°43'W
518	51°55'S	63°41'W
519	51°54'S	63°41'W
520	51°54'S	63°40'W
521	51°53'S	63°40'W
522	51°53'S	63°38'W
523	51°52'S	63°38'W
524	51°52'S	63°36'W
525	51°51'S	63°36'W
526	51°51'S	63°35'W
527	51°50'S	63°35'W
528	51°50'S	63°33'W
529	51°49'S	63°33'W
530	51°49'S	63°31'W
531	51°48'S	63°31'W
532	51°48'S	63°29'W
533	51°47'S	63°29'W
534	51°47'S	63°27'W
535	51°46'S	63°27'W
536	51°46'S	63°26'W
537	51°45'S	63°26'W
538	51°45'S	63°24'W
539	51°44'S	63°24'W
540	51°44'S	63°22'W
541	51°43'S	63°22'W
542	51°43'S	63°20'W
543	51°42'S	63°20'W
544	51°42'S	63°18'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
545	51°41'S	63°18'W
546	51°41'S	63°16'W
547	51°40'S	63°16'W
548	51°40'S	63°14'W
549	51°39'S	63°14'W
550	51°39'S	63°12'W
551	51°38'S	63°12'W
552	51°38'S	63°10'W
553	51°37'S	63°10'W
554	51°37'S	63°09'W
555	51°36'S	63°09'W
556	51°36'S	63°07'W
557	51°35'S	63°07'W
558	51°35'S	63°05'W
559	51°34'S	63°05'W
560	51°34'S	63°03'W
561	51°33'S	63°03'W
562	51°33'S	63°02'W
563	51°32'S	63°02'W
564	51°32'S	63°00'W
565	51°31'S	63°00'W
566	51°31'S	62°58'W
567	51°30'S	62°58'W
568	51°30'S	62°56'W
569	51°29'S	62°56'W
570	51°29'S	62°55'W
571	51°28'S	62°55'W
572	51°28'S	62°53'W
573	51°27'S	62°53'W
574	51°27'S	62°51'W
575	51°26'S	62°51'W
576	51°26'S	62°49'W
577	51°25'S	62°49'W
578	51°25'S	62°47'W
579	51°24'S	62°47'W
580	51°24'S	62°46'W
581	51°23'S	62°46'W
582	51°23'S	62°44'W
583	51°22'S	62°44'W
584	51°22'S	62°42'W
585	51°21'S	62°42'W
586	51°21'S	62°40'W
587	51°20'S	62°40'W
588	51°20'S	62°39'W
589	51°19'S	62°39'W
590	51°19'S	62°37'W
591	51°18'S	62°37'W
592	51°18'S	62°35'W
593	51°17'S	62°35'W
594	51°17'S	62°34'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
595	51°16'S	62°34'W
596	51°16'S	62°33'W
597	51°15'S	62°33'W
598	51°15'S	62°31'W
599	51°14'S	62°31'W
600	51°14'S	62°30'W
601	51°13'S	62°30'W
602	51°13'S	62°29'W
603	51°12'S	62°29'W
604	51°12'S	62°28'W
605	51°11'S	62°28'W
606	51°11'S	62°27'W
607	51°10'S	62°27'W
608	51°10'S	62°26'W
609	51°09'S	62°26'W
610	51°09'S	62°25'W
611	51°08'S	62°25'W
612	51°08'S	62°24'W
613	51°07'S	62°24'W
614	51°07'S	62°23'W
615	51°06'S	62°23'W
616	51°06'S	62°22'W
617	51°05'S	62°22'W
618	51°05'S	62°21'W
619	51°04'S	62°21'W
620	51°04'S	62°20'W
621	51°03'S	62°20'W
622	51°03'S	62°19'W
623	51°02'S	62°19'W
624	51°02'S	62°18'W
625	51°01'S	62°18'W
626	51°01'S	62°17'W
627	51°00'S	62°17'W
628	51°00'S	62°16'W
629	50°59'S	62°16'W
630	50°59'S	62°15'W
631	50°58'S	62°15'W
632	50°58'S	62°14'W
633	50°57'S	62°14'W
634	50°57'S	62°13'W
635	50°56'S	62°13'W
636	50°56'S	62°12'W
637	50°55'S	62°12'W
638	50°55'S	62°11'W
639	50°54'S	62°11'W
640	50°54'S	62°10'W
641	50°53'S	62°10'W
642	50°53'S	62°09'W
643	50°52'S	62°09'W
644	50°52'S	62°08'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
645	50°51'S	62°08'W
646	50°51'S	62°07'W
647	50°50'S	62°07'W
648	50°50'S	62°06'W
649	50°49'S	62°06'W
650	50°49'S	62°04'W
651	50°48'S	62°04'W
652	50°48'S	62°03'W
653	50°47'S	62°03'W
654	50°47'S	62°02'W
655	50°46'S	62°02'W
656	50°46'S	62°01'W
657	50°45'S	62°01'W
658	50°45'S	62°00'W
659	50°44'S	62°00'W
660	50°44'S	61°59'W
661	50°43'S	61°59'W
662	50°43'S	61°57'W
663	50°42'S	61°57'W
664	50°42'S	61°56'W
665	50°41'S	61°56'W
666	50°41'S	61°54'W
667	50°40'S	61°54'W
668	50°40'S	61°52'W
669	50°39'S	61°52'W
670	50°39'S	61°50'W
671	50°38'S	61°50'W
672	50°38'S	61°48'W
673	50°37'S	61°48'W
674	50°37'S	61°43'W
675	50°43'S	61°43'W
676	50°43'S	61°40'W
677	50°42'S	61°40'W
678	50°42'S	61°39'W
679	50°41'S	61°39'W
680	50°41'S	61°37'W
681	50°40'S	61°37'W
682	50°40'S	61°35'W
683	50°38'S	61°35'W
684	50°38'S	61°33'W
685	50°37'S	61°33'W
686	50°37'S	61°31'W
687	50°36'S	61°31'W
688	50°36'S	61°30'W
689	50°35'S	61°30'W
690	50°35'S	61°28'W
691	50°34'S	61°28'W
692	50°34'S	61°27'W
693	50°33'S	61°27'W
694	50°33'S	61°25'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
695	50°32'S	61°25'W
696	50°32'S	61°24'W
697	50°31'S	61°24'W
698	50°31'S	61°23'W
699	50°30'S	61°23'W
700	50°30'S	61°21'W
701	50°29'S	61°21'W
702	50°29'S	61°20'W
703	50°28'S	61°20'W
704	50°28'S	61°18'W
705	50°27'S	61°18'W
706	50°27'S	61°17'W
707	50°26'S	61°17'W
708	50°26'S	61°15'W
709	50°25'S	61°15'W
710	50°25'S	61°13'W
711	50°24'S	61°13'W
712	50°24'S	61°12'W
713	50°23'S	61°12'W
714	50°23'S	61°11'W
715	50°22'S	61°11'W
716	50°22'S	61°09'W
717	50°21'S	61°09'W
718	50°21'S	61°08'W
719	50°20'S	61°08'W
720	50°20'S	61°06'W
721	50°19'S	61°06'W
722	50°19'S	61°05'W
723	50°18'S	61°05'W
724	50°18'S	61°03'W
725	50°17'S	61°03'W
726	50°17'S	61°02'W
727	50°16'S	61°02'W
728	50°16'S	61°00'W
729	50°15'S	61°00'W
730	50°15'S	60°59'W
731	50°14'S	60°59'W
732	50°14'S	60°57'W
733	50°13'S	60°57'W
734	50°13'S	60°56'W
735	50°12'S	60°56'W
736	50°12'S	60°55'W
737	50°11'S	60°55'W
738	50°11'S	60°53'W
739	50°10'S	60°53'W
740	50°10'S	60°51'W
741	50°09'S	60°51'W
742	50°09'S	60°50'W
743	50°08'S	60°50'W
744	50°08'S	60°48'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
745	50°07'S	60°48'W
746	50°07'S	60°47'W
747	50°06'S	60°47'W
748	50°06'S	60°46'W
749	50°05'S	60°46'W
750	50°05'S	60°44'W
751	50°04'S	60°44'W
752	50°04'S	60°43'W
753	50°03'S	60°43'W
754	50°03'S	60°41'W
755	50°02'S	60°41'W
756	50°02'S	60°39'W
757	50°01'S	60°39'W
758	50°01'S	60°38'W
759	50°00'S	60°38'W
760	50°00'S	60°37'W
761	49°59'S	60°37'W
762	49°59'S	60°35'W
763	49°58'S	60°35'W
764	49°58'S	60°34'W
765	49°57'S	60°34'W
766	49°57'S	60°32'W
767	49°56'S	60°32'W
768	49°56'S	60°31'W
769	49°55'S	60°31'W
770	49°55'S	60°30'W
771	49°54'S	60°30'W
772	49°54'S	60°28'W
773	49°53'S	60°28'W
774	49°53'S	60°27'W
775	49°52'S	60°27'W
776	49°52'S	60°25'W
777	49°51'S	60°25'W
778	49°51'S	60°23'W
779	49°50'S	60°23'W
780	49°50'S	60°22'W
781	49°49'S	60°22'W
782	49°49'S	60°21'W
783	49°48'S	60°21'W
784	49°48'S	60°19'W
785	49°47'S	60°19'W
786	49°47'S	60°17'W
787	49°46'S	60°17'W
788	49°46'S	60°16'W
789	49°45'S	60°16'W
790	49°45'S	60°15'W
791	49°44'S	60°15'W
792	49°44'S	60°13'W
793	49°43'S	60°13'W
794	49°43'S	60°12'W

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
795	49°42'S	60°12'W
796	49°42'S	60°10'W
797	49°41'S	60°10'W
798	49°41'S	60°09'W
799	49°40'S	60°09'W
800	49°40'S	60°08'W
801	49°39'S	60°08'W
802	49°39'S	60°15'W
803	49°38'S	60°15'W
804	49°38'S	60°16'W
805	49°37'S	60°16'W
806	49°37'S	60°17'W
807	49°36'S	60°17'W
808	49°36'S	60°18'W
809	49°35'S	60°18'W
810	49°35'S	60°19'W
811	49°34'S	60°19'W
812	49°34'S	60°20'W
813	49°33'S	60°20'W
814	49°33'S	60°21'W
815	49°31'S	60°21'W
816	49°31'S	60°22'W
817	49°30'S	60°22'W
818	49°30'S	60°23'W
819	49°29'S	60°23'W
820	49°29'S	60°24'W
821	49°28'S	60°24'W
822	49°28'S	60°26'W
823	49°27'S	60°26'W
824	49°27'S	60°27'W
825	49°26'S	60°27'W
826	49°26'S	60°28'W
827	49°25'S	60°28'W
828	49°25'S	60°29'W
829	49°23'S	60°29'W
830	49°23'S	60°30'W
831	49°22'S	60°30'W
832	49°22'S	60°31'W
833	49°21'S	60°31'W
834	49°21'S	60°32'W
835	49°20'S	60°32'W
836	49°20'S	60°33'W
837	49°19'S	60°33'W
838	49°19'S	60°35'W
839	49°18'S	60°35'W
840	49°18'S	60°36'W
841	49°16'S	60°36'W
842	49°16'S	60°38'W
843	49°14'S	60°38'W
844	49°14'S	60°39'W

PointsLatitudeLongitude

845
846
847
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849
850
851
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873
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49°13'S
49°13'S
49°11'S
49°11'S
49°09'S
49°09'S
49°07'S
49°07'S
49°04'S
49°04'S
49°00'S
49°00'S
48°57'S
48°57'S
48°54'S
48°54'S
48°49'S
48°49'S
48°45'S
48°45'S
48°42'S
48°42'S
48°39'S
48°39'S
48°35'S
48°35'S
48°25'S
48°25'S
47°52'S
47°52'S

60°39'W
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60°40'W
60°41'W
60°41'W
60°42'W
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60°52'W

APPLICATION FOR AN OIL EXPLORATION LICENCE, AN OIL
PROSPECTING LICENCE OR AN OIL MINING LEASE

- (1) Name(s) of Applicant(s) in full. Atlantic & Oceanic Resources Limited.
(incorporated under the Companies Acts 1948 to 1967 (Great Britain))
- (2) If application is by an individual or individuals
- (a) Address.....
- (b) Nationality.....
- (c) Occupation.....
- (3) If application is by a company
- (a) Principal place of business. 750 Petroleum Club Building, Denver,
Colorado 80202
- (b) If principal place of business is outside the Colony name and
address of duly authorised agent in the Colony
To be designated
.....
.....
- (c) Nature of business. Oil, Gas and Mineral Exploration and
Development
- (d) Names of directors Nationality
- Jack Grynberg..... U.S.A......
- William McCabe..... U.S.A......
- (e) Names of principal Amount of
shareholders shareholding
- Oceanic Exploration Corporation..... 100% *.....
- *other than for Qualifying
shares
- (4) State whether an Oil Exploration
Licence, an Oil Prospecting
Licence or an Oil Mining Lease
is required and whether the
application is in respect of
Crown, or alienated lands Oil Exploration License...
- (5) Period for which Licence or Lease is
required..... Two (2) years.....

$$\begin{array}{r} 8 \overline{) 18850} \\ \underline{2356} - 51- \end{array}$$

Application fee 25

$$\begin{array}{r} \underline{2381} \quad 51- \end{array}$$

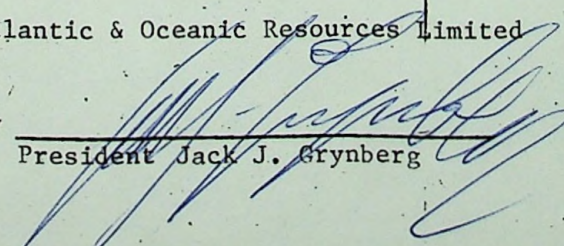
- (6) Situation and approximate size of the area for which application is made .. ~~See attached map and coordinates~~ of points designating Area II for which application is made (18,850 sq. miles)
- (7) Brief particulars of previous experience in oil prospecting or oilfield development work..... ~~see attached~~
- (8) Names and qualifications of technical experts or advisers..... ~~see attached~~
- (9) State amount of capital for operations under the Licence or Lease applied for
- (a) At present available..... ~~\$7,000,000 net Assets in Parent Corp.~~
- (b) Which applicant can make available and the source..... ~~in addition to (a) above \$10,000,000 from projected underwriting for Parent Corp.~~
- (10) If the applicant is an alien, or a company incorporated outside Her Majesty's dominions state full particulars of the company to be incorporated by the applicant in the Colony or in some other part of Her Majesty's dominions for the purpose of receiving the grant of and exploiting any Licence or Lease which may be granted, including particulars similar to those specified in (3) (a) and (8) above and the amount of the capital proposed.
-
-

I/We hereby declare that all the foregoing particulars are correct.

Date...November 12, 1968...Signature(s) of Applicant(s).....

(If the applicant is a Company state capacity in which form is signed.)

Atlantic & Oceanic Resources Limited

by 
President Jack J. Grynberg

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or
an Oil Mining Lease

(6) Application Area:

AREA II
Coordinates of Points
18,850 square miles

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>
1	49°15'S	59°20'W
2	49°30'S	59°20'W
3	49°30'S	59°10'W
4	49°50'S	59°10'W
5	49°50'S	58°50'W
6	50°00'S	58°50'W
7	50°00'S	58°30'W
8	50°10'S	58°30'W
9	50°10'S	58°10'W
10	50°15'S	58°10'W
11	50°15'S	58°00'W
12	50°20'S	58°00'W
13	50°20'S	57°45'W
14	50°30'S	57°45'W
15	50°30'S	57°30'W
16	50°35'S	57°30'W
17	50°35'S	57°20'W
18	50°40'S	57°20'W
19	50°40'S	57°10'W
20	50°50'S	57°10'W
21	50°50'S	57°00'W
22	50°55'S	57°00'W
23	50°55'S	56°50'W
24	51°30'S	56°50'W
25	51°30'S	57°00'W
26	51°40'S	57°00'W
27	51°40'S	57°05'W
28	52°10'S	57°05'W
29	52°10'S	57°35'W
30	51°20'S	57°35'W
31	51°20'S	58°00'W
32	51°15'S	58°00'W
33	51°15'S	58°45'W
34	51°05'S	58°45'W
35	51°05'S	60°50'W
36	50°55'S	60°50'W
37	50°55'S	61°20'W
38	52°20'S	61°20'W

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
39	52°20'S	61°40'W
40	52°15'S	61°40'W
41	52°15'S	61°50'W
42	52°10'S	61°50'W
43	52°10'S	62°00'W
44	52°00'S	62°00'W
45	52°00'S	62°10'W
46	51°30'S	62°10'W
47	51°30'S	62°00'W
48	51°20'S	62°00'W
49	51°20'S	61°50'W
50	50°50'S	61°50'W
51	49°40'S	60°10'W
52	49°30'S	60°10'W
53	49°30'S	59°50'W
54	49°15'S	59°50'W
55	49°15'S	59°20'W

Exploration Program:

1. An aerial magnetometer survey of the licensed area.
2. The initial seismic lines will be surveyed on the sea on a ten-mile reconnaissance grid pattern followed up with a five-mile infill grid pattern. The areas of special interest would be further detailed by seismograph. Advanced methods in seismic exploration would be used that vastly increase the effectiveness of this system in finding productive structures. The latest seismic techniques consisting of a C.D.P. (common depth point digital computer process) seismic survey will be used. An international geophysical company will be contracted to perform seismic surveys in the licensed area.

The most prospective seismic structure would be selected and a well drilled upon issuance of an oil prospecting permit.

Schedule 7

Oceanic Exploration Corporation and its subsidiaries are engaged in the following exploration projects for petroleum, aside from their activities in the exploration for other minerals:

- A. In partnership with a number of American and Dutch companies, the company is the holder of Block K-9 in the Netherlands part of the North Sea. Exploration work is presently being undertaken.

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

- B. This company was granted, during May, 1968, two exploration permits on the continental shelf of Ghana.
- C. In association with the Italian company, AGIP Mineraria, we hold an exploration permit on the continental shelf of Madagascar and expect a permit to issue shortly on a second such area.
- D. A petroleum exploration permit for offshore northwest Sabah, Malaysia, is approved.
- E. The Company is presently participating in an exploration license in Israel. Drilling is presently being undertaken.
- F. The Company presently holds exploration licenses covering uranium and other radioactive minerals in the Republic of Nigeria. Exploration is about to commence.
- G. The Company has other application for exploration permits and leases throughout the world, in different stages of development.

Schedule 8

Supervisory Personnel:

Jack J. Grynberg, Denver, Colorado, President of both Oceanic Exploration Corporation and Atlantic and Oceanic Resources, Ltd., graduated from the Colorado School of Mines with a professional degree of Petroleum Refining Engineer. Later he received the professional degree of Petroleum Production Engineer and did two years' graduate study in exploration geophysics in the same university. He was employed by Continental Oil Company in 1953 and 1954 in the Research and Development Department. In 1954, he formed his own firm, Jack Grynberg and Associates, to engage in consulting petroleum, geological and geophysical engineering. Mr. Grynberg has written a number of articles about well log interpretation and is a co-author of a textbook on well log interpretation. He has conducted some twenty-two four-week intensive courses for petroleum engineers, geologists, and geophysicists on the subjects of electric, radioactive, and acoustic well log interpretation and petroleum reservoir engineering.

W. S. McCabe, Denver, Colorado, received a B.S. (1934) and M.S. (1935) degree in geology from the University of Illinois and one-year graduate work in geology at Princeton. He worked as supervisor of geological personnel for

Falkland Islands

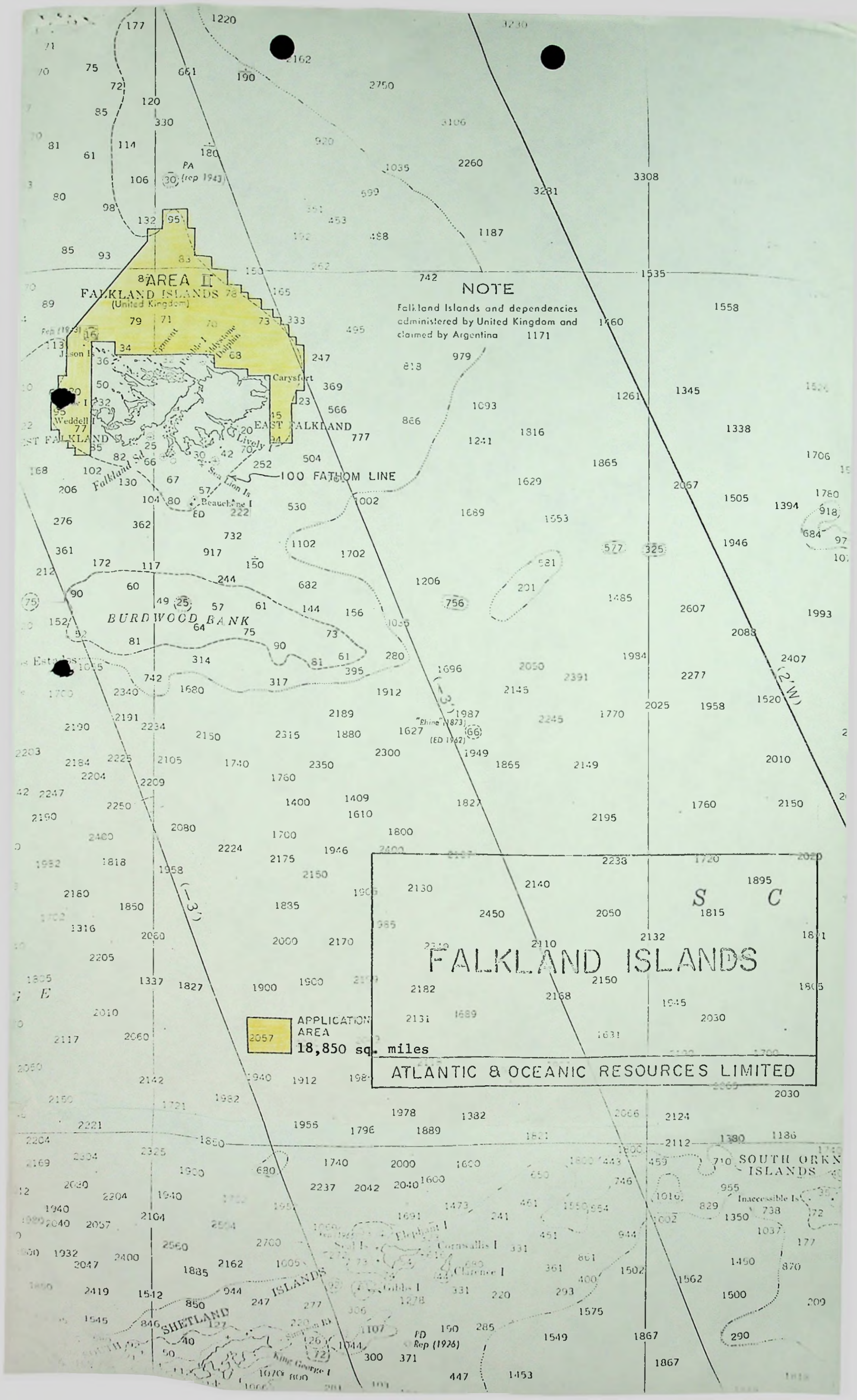
Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

Superior Oil Company of California and for Pan American Oil Company (a subsidiary of Standard Oil Company of Indiana), Canadian Husky in Canada, and as an independent consulting geologist prior to employment by Jack Grynberg and Associates as geologist and Vice President of that firm. He is presently associated with Oceanic Exploration Corporation.

Paul R. May, Denver, Colorado, was employed by Jack Grynberg and Associates as geologist and geophysicist and as a manager of foreign operations until his affiliation with Oceanic Exploration Corporation. He was previously employed by the U.S. Geological Survey and the California Oil Company. He received a B.S. degree in 1949 and an M.S. degree in 1950 from the University of Michigan.

John J. Thuis, Denver, Colorado, was employed by Jack Grynberg and Associates as a geologist and as manager of domestic exploration, until his affiliation with Oceanic Exploration Corporation. He was previously employed by Phillips Petroleum Company. He received a B.S. degree in Geology from the University of Oklahoma in 1950.

Professor John Chronic, Boulder, Colorado, Professor of Geology, University of Colorado, is retained as a consultant in oil, gas and mineral exploration.



JACK GRYNBERG AND ASSOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO



November 25, 1968

Mr. W. H. Thompson
Colonial Secretary
Stanley
Falkland Islands

*PS 2 copies pl
LA 29/11/69*

Dear Sir:

At the present time the United Nations are contemplating the extension of the continental shelf beyond the 100 fathom limit. If such an extension is passed by the United Nations then the 1958 Geneva Convention is automatically extended to beyond the 100 fathom line. Accordingly almost 80 per cent of the Burdwood Bank would be part of the Falkland Islands continental shelf and therefore would be under its jurisdiction. ^{18 (8)} Accordingly we are taking the liberty of submitting for your consideration an application for 9,385 square miles of the Burdwood Bank which might fall under the Falkland Islands' jurisdiction. We are not attaching a check to cover the consideration in accordance with the Falkland Islands' law, but will do so if and when we receive a telegram and instructions from you to wire the payment to you. This payment would be \$2,815.50 plus \$60.00 for an application fee plus \$10.00 exchange charge, for a total of \$2,885.50. Thank you very much for your consideration.

Sincerely yours,

JACK GRYNBERG AND ASSOCIATES

Jack J. Grynberg

JJG/yesb

Enclosures.

ref 21

APPLICATION FOR AN OIL EXPLORATION LICENCE, AN OIL
PROSPECTING LICENCE OR AN OIL MINING LEASE

- (1) Name(s) of Applicant(s) in full. Atlantic and Oceanic Resources
as successor in interest to Oceanic Exploration & Development corp.
- (2) If application is by an individual or individuals (Colorado, U.S.A.)
- (a) Address.....
- (b) Nationality.....
- (c) Occupation.....
- (3) If application is by a company
- (a) Principal place of business. 750 Petroleum Club Bldg. Denver,
Colorado 80202.....
- (b) If principal place of business is outside the Colony name and
address of duly authorised agent in the Colony
to be designated.....
.....
.....
- (c) Nature of business. Oil, Gas and Mineral Exploration and Development
- (d) Names of directors
- | | Nationality |
|-----------------------------|---------------------|
| <u>Jack Grynberg</u> | <u>U.S.A.</u> |
| <u>William McCabe</u> | <u>U.S.A.</u> |
- (e) Names of principal
- | | Amount of |
|--|-----------------------------------|
| <u>shareholders</u> | <u>shareholding</u> |
| <u>Oceanic Exploration Corporation</u> | <u>100% except for qualifying</u> |
| <u>shareholders</u> | <u>shareholders</u> |
- (4) State whether an Oil Exploration
Licence, an Oil Prospecting
Licence or an Oil Mining Lease
is required and whether the
application is in respect of
Crown, or alienated lands Oil Exploration License
- (5) Period for which Licence or Lease is
required..... two (2) years.

(6) Situation and approximate size of the
area for which application is made ..

9385 square miles, see attached map
and coordinates delineating area
description

(7) Brief particulars of previous
experience in oil prospecting or
oilfield development work.....

see attached letter.....

(8) Names and qualifications of
technical experts or advisers.....

see attached letter.....

(9) State amount of capital for
operations under the licence or Lease
applied for

(a) At present available.....

\$7,000,000 net assets in parent
corporation.....

(b) Which applicant can make
available and the source.....

in addition to (a) above
\$10,000,000 from projected under-
writing for parent corp.

(10) If the applicant is an alien, or a company incorporated outside Her
Majesty's dominions state full particulars of the company to be
incorporated by the applicant in the Colony or in some other part of
Her Majesty's dominions for the purpose of receiving the grant of
and exploiting any licence or Lease which may be granted, including
particulars similar to those specified in (3) (a) and (8) above and
the amount of the capital proposed.

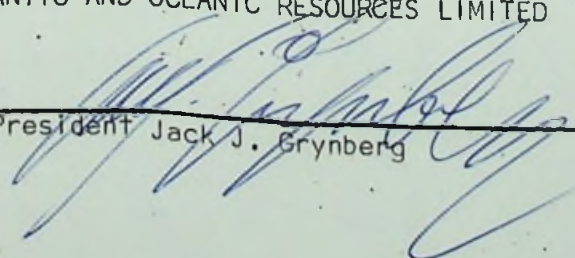
.....
.....

I/We hereby declare that all the foregoing particulars are correct.

Date..November 25, 1968...Signature(s) of Applicant(s).....

(If the applicant is a Company state capacity in which form is signed.)

ATLANTIC AND OCEANIC RESOURCES LIMITED

By: 
President Jack J. Grynberg

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or
an Oil Mining Lease.

(6) Application Area:

BURDWOOD BANK
Coordinates of Points
9385 square miles

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
1	53°48'S	59°00'W
2	53°50'S	59°00'W
3	53°50'S	58°35'W
4	53°52'S	58°35'W
5	53°52'S	58°10'W
6	53°55'S	58°10'W
7	53°55'S	57°55'W
8	53°57'S	57°55'W
9	53°57'S	57°50'W
10	54°02'S	57°50'W
11	54°02'S	57°32'W
12	54°05'S	57°32'W
13	54°05'S	57°20'W
14	54°10'S	57°20'W
15	54°10'S	57°10'W
16	54°12'S	57°10'W
17	54°12'S	56°50'W
18	54°15'S	56°50'W
19	54°15'S	56°30'W
20	54°20'S	56°30'W
21	54°20'S	56°10'W
22	54°25'S	56°10'W
23	54°25'S	56°00'W
24	54°30'S	56°00'W
25	54°30'S	55°50'W
26	54°35'S	55°50'W
27	54°35'S	55°40'W
28	54°45'S	55°40'W
29	54°45'S	56°00'W
30	54°50'S	56°00'W
31	54°50'S	56°20'W
32	54°52'S	56°20'W
33	54°52'S	57°00'W
34	54°47'S	57°00'W
35	54°47'S	57°05'W
36	54°45'S	57°05'W
37	54°45'S	57°20'W
38	54°50'S	57°20'W

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or
an Oil Mining Lease

<u>Points</u>	<u>Latitude</u>	<u>Longitude</u>
39	54°50'S	57°30'W
40	54°45'S	57°30'W
41	54°45'S	57°35'W
42	54°40'S	57°35'W
43	54°40'S	57°40'W
44	54°35'S	57°40'W
45	54°35'S	58°20'W
46	54°33'S	58°20'W
47	54°33'S	58°40'W
48	54°38'S	58°40'W
49	54°38'S	58°55'W
50	54°40'S	58°55'W
51	53°50'S	61°35'W
52	53°50'S	61°20'W
53	53°45'S	61°20'W
54	53°45'S	59°00'W

Exploration Program:

1. An aerial magnetometer survey of the licensed area.
2. The initial seismic lines will be surveyed on the sea on a ten-mile reconnaissance grid pattern followed up with a five-mile infill grid pattern. The areas of special interest would be further detailed by seismograph. Advanced methods in seismic exploration would be used that vastly increase the effectiveness of this system in finding productive structures. The latest seismic techniques consisting of a C.D.P. (common depth point digital computer process) seismic survey will be used. An international geophysical company will be contracted to perform seismic surveys in the licensed area.

The most prospective seismic structure would be selected and a well drilled upon issuance of an oil prospecting permit.

Schedule 7

Oceanic Exploration Corporation and its subsidiaries are engaged in the following exploration projects for petroleum, aside from their activities in the exploration for other minerals:

- A. In partnership with a number of American and Dutch companies, the company is the holder of Block K-9 in the Netherlands part of the North Sea. Exploration work is presently being undertaken.

Falkland Islands

Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

- B. This company was granted, during May, 1968, two exploration permits on the continental shelf of Ghana.
- C. In association with the Italian company, AGIP Mineraria, we hold an exploration permit on the continental shelf of Madagascar and expect a permit to issue shortly on a second such area.
- D. A petroleum exploration permit for offshore northwest Sabah, Malaysia, is approved.
- E. The Company is presently participating in an exploration license in Israel. Drilling is presently being undertaken.
- F. The Company presently holds exploration licenses covering uranium and other radioactive minerals in the Republic of Nigeria. Exploration is about to commence.
- G. The Company has other applications for exploration permits and leases throughout the world, in different stages of development.

Schedule 8

Supervisory Personnel:

Jack J. Grynberg, Denver, Colorado, President of both Oceanic Exploration Corporation and Atlantic and Oceanic Resources, Ltd., graduated from the Colorado School of Mines with a professional degree of Petroleum Refining Engineer. Later he received the professional degree of Petroleum Production Engineer and did two years' graduate study in exploration geophysics in the same university. He was employed by Continental Oil Company in 1953 and 1954 in the Research and Development Department. In 1954, he formed his own firm, Jack Grynberg and Associates, to engage in consulting petroleum, geological and geophysical engineering. Mr. Grynberg has written a number of articles about well log interpretation and is a co-author of a textbook on well log interpretation. He has conducted some twenty-two four-week intensive courses for petroleum engineers, geologists, and geophysicists on the subjects of electric, radioactive, and acoustic well log interpretation and petroleum reservoir engineering.

W. S. McCabe, Denver, Colorado, received a B.S. (1934) and M.S. (1935) degree in geology from the University of Illinois and one-year graduate work in geology at Princeton. He worked as supervisor of geological personnel for

Falkland Islands

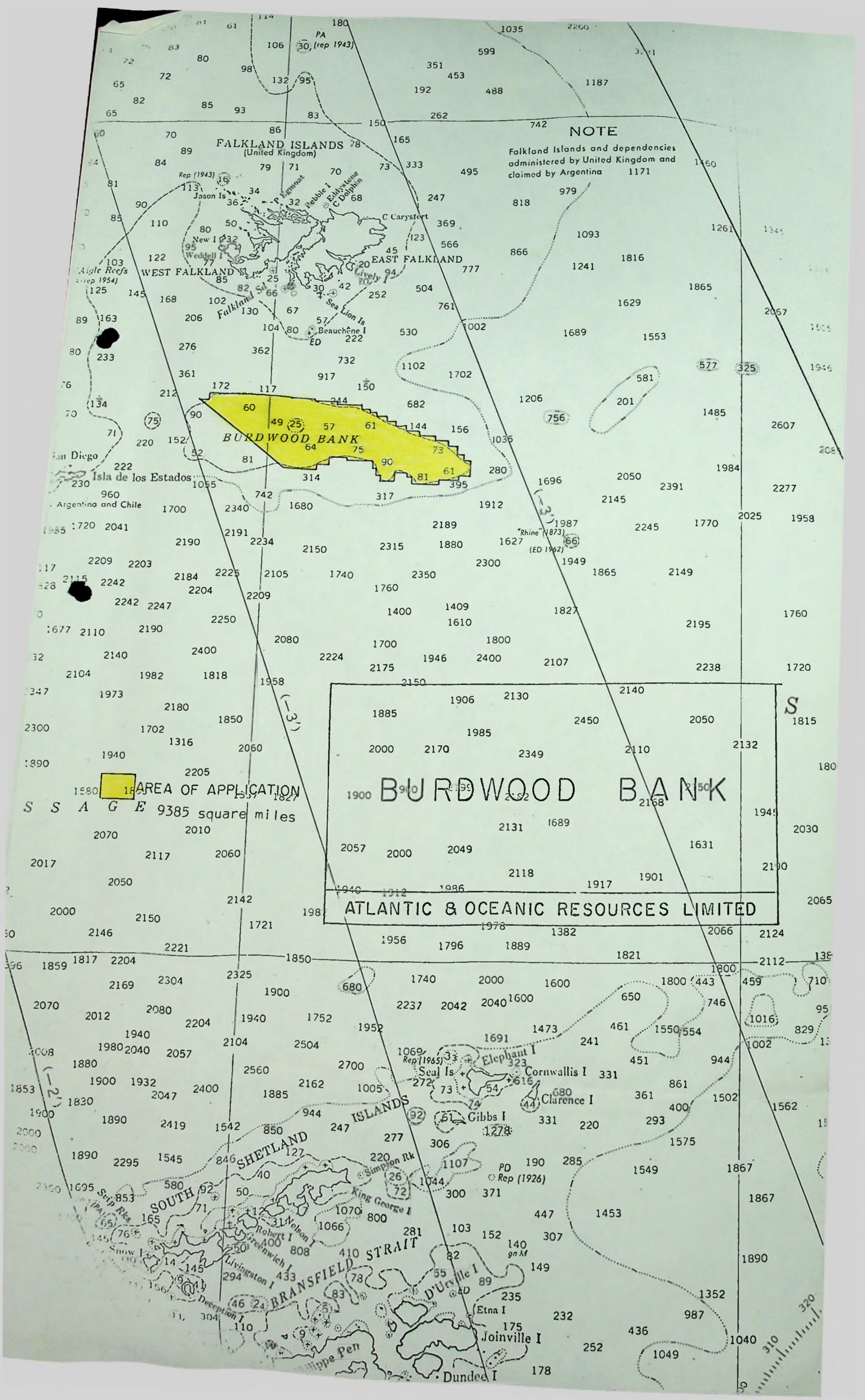
Application for an Oil Exploration License, an Oil Prospecting License, or an Oil Mining Lease

Superior Oil Company of California and for Pan American Oil Company (a subsidiary of Standard Oil Company of Indiana), Canadian Husky in Canada, and as an independent consulting geologist prior to employment by Jack Grynberg and Associates as geologist and Vice President of that firm. He is presently associated with Oceanic Exploration Corporation.

Paul R. May, Denver, Colorado, was employed by Jack Grynberg and Associates as geologist and geophysicist and as a manager of foreign operations until his affiliation with Oceanic Exploration Corporation. He was previously employed by the U.S. Geological Survey and the California Oil Company. He received a B.S. degree in 1949 and an M.S. degree in 1950 from the University of Michigan.

John J. Thuis, Denver, Colorado, was employed by Jack Grynberg and Associates as a geologist and as manager of domestic exploration, until his affiliation with Oceanic Exploration Corporation. He was previously employed by Phillips Petroleum Company. He received a B.S. degree in Geology from the University of Oklahoma in 1950.

Professor John Chronic, Boulder, Colorado, Professor of Geology, University of Colorado, is retained as a consultant in oil, gas and mineral exploration.



NOTE

Falkland Islands and dependencies administered by United Kingdom and claimed by Argentina

BURDWOOD BANK

ATLANTIC & OCEANIC RESOURCES LIMITED

AREA OF APPLICATION
9385 square miles

JACK GRYNBERG AND ASSOCIATES

PETROLEUM, GEOLOGICAL, GEOPHYSICAL AND MINING ENGINEERS

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO

DISTRICT OFFICE:

1455 INTERNATIONAL TRADE MART
NUMBER TWO CANAL STREET
NEW ORLEANS, LOUISIANA 70130
PHONE 504-524-4389

November 27, 1968

Mr. W. H. Thompson
Colonial Secretary
Stanley
Falkland Islands



Dear Sir:

19A. Enclosed is a xerox copy of an editorial from the Oil and Gas Journal dated November 18, 1968, which might be of interest to you.

Sincerely yours,

JACK GRYNBERG AND ASSOCIATES

Jack J. Grynberg
(hug)
Jack J. Grynberg

JJG/hvg
Enclosure

Mail from 17

reply 20

Don't play giveaway with ocean resources

THE CAMPAIGN waged both in this country and abroad to restrict the Continental Shelf and turn over control of deep-ocean development to an international body with licensing powers luckily has been stalled.

What happened is almost prophetic. A United Nations special committee couldn't agree on the basics of governing ocean exploration and now favors further special UN study of the matter.

Just as important, though, influential voices in this country have sounded warnings. The American Branch of the International Law Association, the American Bar Association, and the National Petroleum Council all have cautioned national leaders to move carefully to protect this nation's best interests.

The NPC report was requested by the Interior Department and presumably will influence the President, who earlier favored a UN approach.

Now, before the "giveaway crowd" can regroup, this country should immediately reaffirm its exclusive jurisdiction over all the natural resources of its Outer Continental Shelf clear to the deep ocean.

Backed with this policy, American delegates then can be sent to any conference called to amend the Geneva Convention on the Continental Shelf clearly instructed to do two things:

- Work for the broadest possible concept in redefining the extent of the Continental Shelf.
- Oppose control of the deep ocean by some international agency such as the United Nations. Instead, push for the historic principle of right of the discovering nation to appropriate submerged lands with its laws prevailing.

THESE MOVES should protect America's interests until more is learned about potential of resources buried in the ocean floor and better plans emerge to develop them. It's blind folly for this nation at this stage to renounce possible marine resources and hand them over to a UN bureau under the delusion this would benefit mankind.

In the first place, the UN has yet to show any ability to rule or administer — its function is to debate, study, and mediate. The red tape these people could dream up would delay effective exploration forever.

Also, there is only a handful of big nations with the financial resources, the marine experience, and general technology capable of undertaking deep-ocean exploration. All of them already have military or strategic interests underseas. Why should they ask permission to explore there? Why then submit to taxes, royalties, or restrictions on use of resources found there? More effective ways are available to help the developing nations if that is the object.

The best course: Don't give away any rights; support exploration; and if big discoveries follow, shape the rules to fit the situation existing then.

16

3rd December,

68.

13

Dear Sirs,

I refer to your application for an oil exploration licence covering a portion of the continental shelf of the Falkland Islands.

I regret to inform you that we cannot ^{yet} grant a licence for the area applied for because of legal difficulties but the matter is under very active consideration.

I shall be writing to you again before very long.

Yours faithfully,

(W.H. THOMPSON)
COLONIAL SECRETARY

Jack Grynberg and Associates,
750 Petroleum Club Building,
Denver, Colorado 80202,
U. S. A.

Bu 10. 2. 69.
— (KIV)

SC

THE TREASURY,

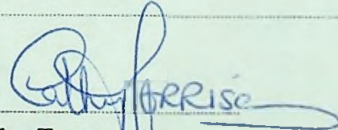
STANLEY, FALKLAND ISLANDS,

Nº 23556

Date 30th January, 1969.

RECEIVED from Jack Grynberg Corporation
the sum of One Thousand five Hundred & Ten pounds 13/11^d
on account of Deposits - Jack Grynberg & Associates

£ 1,510 - 13s - 11d Cheque


for Treasurer.

[A numbered receipt should be obtained for all Money paid to Government.]

2298A

20th February, 69.

Dear Sirs,

See 19

Thank you very much for your most interesting copy of an
Editorial from the Oil and Gas Journal.

Yours sincerely,

(W.H. THOMPSON)
COLONIAL SECRETARY

Jack Grynberg and Associates,
750 Petroleum Club Building,
Denver, Colorado 80202,
U. S. A.

SC

20th February,

69.

Dear Sirs,

15
Thank you for your letter of November the 25th, 1968, and its enclosures.

At this stage we do not propose to ask you for the payment of a deposit and you may rest assured that your application will be very properly considered.

16
We have not overlooked your original application and the position is still as stated by me on the 3rd December, 1968, when I said that because of legal difficulties we could not yet grant a licence, but the matter was under very active consideration. The same applies to your application of November 25th.

Yours faithfully,

(W.H. THOMPSON)
COLONIAL SECRETARY

Jack Grynberg and Associates,
750 Petroleum Club Building,
Denver, Colorado 80202,
U. S. A.

SC

Bu 26.4.69 (5 KN)

229817

OCEANIC EXPLORATION COMPANY

750 PETROLEUM CLUB BUILDING • DENVER, COLORADO 80202 • PHONE 303-244-8021

CABLE: GRYNBERG
DENVER, COLORADO



March 11, 1969

Mr. W. H. Thompson
Colonial Secretary's Office
Stanley, FALKLAND ISLANDS

Dear Sir:

Re: Atlantic and Oceanic Resources Limited

I am writing with reference to your letter¹⁶ dated December 3, 1968, to inquire whether any progress has been made in resolving the legal difficulties that have arisen in connection with the Company's application for an oil exploration license.

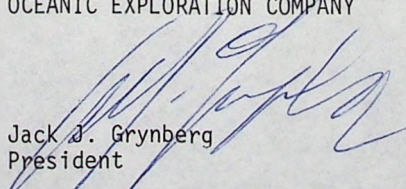
I understand it will be necessary for the Legislative Council to pass a new law to extend the Falkland Islands jurisdiction in accordance with the Geneva Convention before the Company's application can be considered.

I realize that this may raise political problems with Argentina, but I and my associates would appreciate it if you could say when a decision is likely to be reached.

If our efforts are successful, there is no doubt that this venture will considerably alter the economic future of the Islands.

Very truly yours,

OCEANIC EXPLORATION COMPANY


Jack J. Grynberg
President

JJG/y

see 23

7th April 69

Dear Mr Grynberg,

22

Thank you for your letter of the 11th March 1969.

I realise that the delay is unsatisfactory and I am pressing our advisers for early information in connexion with your Company's application for oil exploration licenses.

I am now about to leave the Falkland Islands and my successor in office is Mr J.A. Jones to whom you should address future correspondence.

Yours faithfully,

(W.H. THOMPSON)
COLONIAL SECRETARY

Mr J.J. Grynberg,
President,
Oceanic Exploration Company,
750, Petroleum Club Building,
Denver,
Colorado 80202,
U.S.A.

RB.

see 28

F. I. ref: 2228/A

C. O. ref:

24.

SAVING DESPATCH.

From: The Officer Administering the Government of the Falkland Islands.

To: The Secretary of State for Commonwealth Affairs.

Date: 7th April 1969

No. 49 SAVING. COLONY

Oil Exploration.

Please refer to paragraph 4 of your telegram No. 256 of 20th November 1968.

Grynberg's are pressing for a reply and I shall be obliged for advice as to what may be said to them.

Several enquiries from other concerns have also been received but Grynberg's alone have deposited formal applications.

Grateful for early reply.

GOVERNOR

RNB.

by 4.7.69. (6111V)

17th April,

69

Oil Exploration - J. Grynberg

Please see my Savingram No. 49 of the 7th April, 1969, asking for instructions.

The Governor thinks that the Foreign and Commonwealth Office should provide the form of words to be used in reply to Grynberg. If you could help us with this we will be most obliged.

The continued holding of their deposit in respect of their application might well become an embarrassment and we certainly do not want to have to pay them interest on it. Perhaps the holding of a nominal dollar might be the answer to that bit of the jig-saw.

(W.H. THOMPSON)

A. St. J. Sugg, Esq., C.M.G.
Foreign and Commonwealth Office,
London, S.W.1.

SC

Rev. 4.7.69 (E KIV replies E 24/25)

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched : 28/4/69

Time :

Received : 29/4/69 Time :

No. 59

CONFIDENTIAL

Your saving despatch number 49. Oil exploration. The delay in replying to your telegram 259 is regretted but this problem is proving to be more complicated than was at first foreseen. We are considering the possibility of revoking Falkland Islands Continental Shelf Order in Council and having another made extending the continental shelf to the area that could be claimed under the Continental Shelf Convention. This exercise is however bound up with similar situations elsewhere and may take a long time.

2. We suggest therefore that you inform Grynbergs that the area applied for is part of the Falkland Islands continental shelf; but that, because of an incomplete definition of your own powers prior to United Kingdom accession to the Geneva Convention on the continental shelf you can not at present issue a licence although extension of your administrative powers to this effect is now being studied by H.M.G. X

3. In the meantime it is agreed that you should return the deposit.

Cypher : SJS

Replied 28

CA for action please, using precise wording of para 2 above.
Matter to be mentioned in ExCo on 20/5 -
other. 447/5

9th May

69

Dear Sir,

23

Please refer to the Colonial Secretary's letter No. 2298/A of 7th April. This Government is now advised that the area applied for is part of the Falkland Islands continental shelf but that, because of an incomplete definition of its powers prior to the United Kingdom accession to the Geneva Convention on the continental shelf, the Governor cannot at present issue a licence although an extension of his administrative powers to this effect is now being studied by Her Majesty's Government.

In the circumstances it seems right and proper that your deposit of £6,273. 7s. Od. should be returned and the Crown Agents in London have been asked to do this.

Yours faithfully,

L.S.

Acting COLONIAL SECRETARYSee F-26

Mr J.J. Grynberg,
President,
Oceanic Exploration Club Building,
Denver,
Colorado 80202,
U.S.A.

RRB.

MT Original retained & sent.

7/28/69

9th May 1969.

Dear Sirs,

Please pay to Mr J.J. Grynberg, President,
Oceanic Exploration Company, 750 Petroleum Club
Building, Denver, Colorado 80202, U.S.A., the
sum of £6,273. 7s. Od. being a refund of a
deposit made by him in connection with an oil
exploration licence.

Yours faithfully,

L.G.

COLONIAL TREASURER

The Crown Agents for Oversea Governments
and Administrations,
4, Abbey Orchard Street,
LONDON, S.W.1.

RRB.

MB Original retained & a/c sent.

MB

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 21/5/69

Time:

Received: 21/5/69

Time:

No. 69

PRIORITY CONFIDENTIAL

Oil exploration.

We have been informed by Grynberg's of an application by them to you for an oil exploration licence dated (12th) November 1968, in respect of area II. This area appears to lie within the Falkland Islands continental shelf as defined by Order in Council and to the north, east and west of the Islands. We do not seem to have any previous record of this application and would be grateful to know whether a decision about it has been taken by you and for your views generally.

Cypher: SJS

29

p 17 is dated 22nd Nov 68

CS .. Please BU on
file
US
20/5-

McCluskey For filing & determination in 2298/A

27/28/5

29

CS - CT to see too please. Note CT saw 27/5.

File No. 2298/A

See also Addendum Note 27/5

APPLICATIONS BY ATLANTIC & OCEANIC RESOURCES LTD.

(U.K. subsidiary of Jack Grynberg & Associates, Denver, Colorado)

As mentioned on the telephone today, the correspondence on this file requires some attention and I suggest that for the July meeting of Ex.Co. it might be helpful if a statement of the position were to be recorded for information.

Folio (1) is purely introductory and indicates that the company are interested (a) in areas adjacent to the Falkland Islands and (b) the Burdwood Bank, which lies well to the south of the Islands.

The first firm application is at folio (7) dated 19th August 1968 and is for an area north-west of the Falkland Islands and extending to the median line between Argentina and the Falkland Islands. This area has subsequently become known as Area I. This application was acknowledged at folio (8). The company sent 11,388 dollars (approximately £4,762) to cover the fee.

At folio (15) is an FCO comment regarding the complex international position ending with the suggestion that we should not grant a licence for the area applied for, i.e. Area I, because of legal difficulties and that the matter is under consideration.

At folio (17) is an application dated 22nd November for an Oil Exploration Licence covering Area II, which extends right across the north of the Falkland Islands and down both the western and eastern sides of the group. This application does not appear to have been acknowledged. With this application came a cheque for 3,699 dollars (approximately £1,510) but the financial transactions are slightly complicated for reasons explained in the first half of folio (17).

At folio (18) is yet another application, this time in respect of about 80% of the Burdwood Bank. No money was sent with this application but the company are ready to wire the payment for their application if it is granted.

The application in respect of the Burdwood Bank is acknowledged at folio (21).

Folio (26) sets out the FCO view which seems to amount to the possibility of H.M.G. revoking The Falkland Islands Continental Shelf Order in Council (volume 2 of the Laws, page 24) and having another Order in Council made extending the continental shelf to the area that could be claimed under the Continental Shelf Convention. I have not delved into this but it is clear that the area to which the FCO refers is Area I.

FCO go on ~~in~~ in folio (26) to suggest that we tell Grynbergs that the area applied for is part of the Falkland Islands continental shelf but because of an incomplete definition of my powers prior to U.K. accession to the Geneva Convention on the continental shelf I can not, at present, issue a licence although extension of my administrative powers is now being studied by H.M.G. FCO ended by agreeing that we should return the deposit, i.e. in respect of Area I.

Being unaware of the application for Area II, I asked acting CS to return the money on deposit to Grynbergs and said that in doing so he should use the precise wording in paragraph 2 of folio (26). This has been done but please note that the letter has not left the Falkland Islands post office outward bound. It will be necessary to retrieve it for reasons which appear in the next paragraph.

Folio (29) shows that FCO were unaware of Grynbergs' application for Area II. The FCO advice, with which I agree, is that Area II lies within the Falkland Islands continental shelf as defined by Order in Council. There is, therefore, no need at this stage to return that part of Grynbergs money which applies to Area II and it will be necessary for someone in the Secretariat or the Treasury to work out from folio (17) what proportion of the money deposited with us refers to Area II.

A letter should be sent to Grynbergs on the lines of folio (28) but making it clear that reference is only to Area I and arranging for a refund of the fee deposited in respect of Area I.

Other action required would seem to be a telegram in cypher to FCO on the following lines:

"Your telegram 69. Confidential. Oil Exploration. Application for Area II with appropriate deposit received here 29th January but no action yet taken. I agree area appears to lie within Falkland Islands continental shelf as defined by Order in Council and in circumstances it appears Falkland Islands Government has right to grant licence to Grynbergs.

" On 29th January application without deposit was also received from Grynbergs for Burdwood Bank. This was acknowledged but no action taken. Meanwhile am taking action in respect of Area I on lines indicated in your telegram 59. Letter to you leaving here 30th May."

LA
24/5/69

Attachment Note

Following are figures supplied by CT -

	£	s	d
Total proceeds of cheques	6306	19	10
Application Fee £25			
Licence Fee			
18,850 sq. m. @			
246d per sq. m.	£2356-5	2381	5 0
Refund due	£3925	14	10

NNNN

ZCZC ATS67 CWA726 COC026 DVB204

FLLX HL GWLD 024

DENVER COLO 24 21 1541

LT

W H THOMPSON GOVERNOR FALKLAND ISLANDS

PORT STANLEY

THE NAME OF OUR BRITISH SUBSIDIARY COMPANY IS ATLANTIC

AND OCEAN^{IS}~~IC~~ RESOURCES LTD REGARDS

GRYNBERG.

6.1.
26/5

2298/A.

39

LEMAN, HARRISON & FLEGG

J. G. MARTIN FLEGG
J. A. C. ELLIS

(INCORPORATING

LEMAN, CHAPMAN & HARRISON
and

FLEGG and SON)

SOLICITORS & COMMONWEALTH LAW AGENTS
Commissioner for Oaths.

Commissioner for Victoria, N.S.W. & N.Z

TELEGRAMS

LEMNATION, LONDON, W.C.1

TELEPHONE: 01-405 8045-6-7

CODE: WESTERN UNION



44 Bloomsbury Square,

London, 27th May 19 69

W.C.1

OUR REF JE/PK

YOUR REF

14
27/6

Colonial Secretary,
Stanley,
Falkland Islands.

Dear Sir,

Atlantic & Oceanic Resources Ltd.

We write to confirm our cable which we despatched to you today which reads as follows:-

"Re: Atlantic & Oceanic Resources Ltd. Application dated 12th November 1968 Re: Area 2. Foreign Office state this to be within Governor's jurisdiction. Can a decision be reached on this application in near future. Difficulties re Area 1 appreciated. Leman Harrison & Flegg Solicitors to Company."

Mr. Grynberg is naturally anxious to start on this project as soon as a decision is reached on his application for a licence.

It is appreciated that until a decision has been reached in London regarding the extension of the jurisdiction under the terms of the Geneva Convention, no decision can be made on Area 1. | A

If it is decided to grant the licence, the Company hope to start operations later this year. || X

Yours faithfully,

A handwritten signature in dark ink, appearing to be "J. G. Martin Flegg".

34
29th May, 69.

Sir,

(18) With reference to your letters of August 19th, November 22nd and November 25th, 1968, applying respectively for oil exploration licences in Areas I, II and Murchison Bank and depositing respectively therefor sums of \$11,338.70, \$3,699.65 (arrived at after a credit of \$2,025.50 due to you subsequent to a reassessment of the precise dimensions of Area I), and \$11, I have to say that

- (i) the area which you have designated as Area I is part of the Falkland Islands continental shelf but because of an incomplete definition of the Governor's powers prior to the United Kingdom accession to the Geneva Convention on the continental shelf it is not possible at present to issue a licence; however, an extension of the Governor's administrative powers to this effect is now under study;
- (ii) in the circumstances outlined in sub-paragraph (i) above the fee you deposited with your application is being returned, in an amount of \$3,925 l.s. 10d, through the medium of the Crown Agents for Oversea Governments and Administrations, 4 Millbank, London, S.W.1.
- (iii) the applications relating to Area II and the Murchison Bank are under study and a further communication concerning them will be sent to you in due course.

I am, Sir,
Your obedient servant,

(J. A. JONES)
COLONIAL SECRETARY

J. J. Grynberg, Esq.,
President,
Oceanic Exploration Company.

SC

Copy to P.S. for H.E.'s information

Copy - A. St. J. Sugg, Esq., C.M.G. for information

See 36

33

29th May,

69

Dear Sirs,

It will be appreciated if you will effect payment to Mr J. J. Eryberg, President, Oceanic Exploration Company, 750 Petroleum Club Building, Denver, Colorado 80202, U.S.A. of the sum of \$3,925. 14s. 10d. being a refund of a deposit made by him in connection with an oil exploration licence application.

Yours faithfully,

(J. A. JONES)
COLONIAL SECRETARY

Crown Agents
for Oversea Governments and Administrations,
4 Millbank,
London, S.W.1.

SC

Copy to A. St. J. Sugg, Esq., C.M.G. for information

32

29th May,

69.

LH
5/6/69

Oil Exploration Licences: Atlantic & Oceanic Resources Ltd.
(U.K. subsidiary of J. Grynberg & Associates, Denver, Colorado)

Please refer to your telegram No. 69 of the 21st of May about an application for an Oil Exploration Licence for Area II from Grynberg's - an area which appears to lie within the Falkland Islands Continental Shelf as defined by Order in Council and embracing the north, east and west of the Islands.

It is our view that as the area in question lies without doubt within the Falkland Islands Continental Shelf a licence should be granted to Grynbergs. (We hold their deposit in respect of this application). It is the intention to seek local advice on this view at an Executive Council Meeting which will be held on or about the 14th of July and it would therefore be of great assistance if it could be arranged for us to receive, some reasonable time in advance of that date, your advice on the international political implications of a decision to grant Grynberg's a licence for the area in question. / X

P 15
P 26
P 16
of 2298/III

Two other applications from Grynberg's for Oil Exploration Licences in respect of Area I and of some 80% of the Burdwood Bank are still under consideration here. As considerations relating to them need more careful study than it has hitherto been possible to give, and because of the necessity to give careful consideration also to our comments upon the proposal regarding alterations in the legislation relating to the limits of the Falkland Islands Continental Shelf (referred to briefly in your telegrams No. 256 of the 20th of November, 1968, and No. 59 of the 28th of April, 1969, as well as in our telegram No. 259 of the 11th of December, 1968; but so briefly as to necessitate a second look at the matter in greater depth), it is our intention to embody our views on these matters in a subsequent letter, aiming to get it off to you by the next (June, ex-Stanley) sailing of the "Darwin".

Meanwhile your advice on the matter raised at the end of my paragraph 2 will be appreciated.

See Reply at 57.

(J. A. JONES)

A. St. J. Sugg, Esq., C.M.G.

DECODE.

35.

TELEGRAM.

From ATLANTIC & OCEANIC RESOURCES LIMITED

To COLONIAL SECRETARY STANLEY

110
5/6/69

Despatched : 2nd June 19 69 *Time* : 1306

Received : 3rd June 19 69 *Time* :

Foreign Office believes Governor of Falklands may grant exploration license on our area two of application dated November 22nd 1968. Please cable Grynberg Denver stating when license would issue Atlantic and Oceanic Resources Limited

P/L : AA

See 36

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS

SENT

CH 5/6/69 36

P2538 P4776/32/401381 500 11/66 R. Ward 843

Number

Office of Origin

Words

Handed in at

Date

STANLEY

3.6.69

To

LTF GRYNBERG DENVER COLORADO

HOA/C

35
Atlantic and Oceanic Resources cable of second stop
Your application area II under consideration stop
See mylet 2298/A of 29th May

Secretary

34

Time

AA

8 13.6-13205

40

NNNN

ZCZC ATS46 CWA439 C00029

ELLX HL GWLD 036

DENVER COLO 36/35 12 1431

LT

JA JONES COLONIAL SECRETARY PORTSTANLEYFALKLANDISLANDS

THANKS URLET TWENTYNINTH HOPE EXTENSION GOVERNORS POWERS TO
COVER AREA ONE WILL BE FAVORABLE RECOMMENDED STOP PLEASE
CABLE GRYNBERG DENVER COLLECT WHEN YOU REACH
ANY DECISION FOR AREA TWO

C/c. Grynberg file please.
Sle.
13/6/69.

C.S.

41

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 24/6/69

Time:

Received: 25/6/69 Time:

No. 169

CONFIDENTIAL

Addressed Buenos Aires telegram number 169 of 24th June repeated Governor Falkland Islands.

Falkland Islands. Oil and continental shelf.

Atkinson's letter HGF 16/1 of 13th November to Claxfield and latter's reply of 29th November 4/3 (18) (not copied to Governor). Grynbergs have now lodged a total of three applications. One of the two new ones, like the original, is outside the area defined by the existing Order in Council, but within the area which could be claimed in accordance with the Geneva convention. Third is in the Order in Council area.

2. The Governor will be consulting his Council about the third application of 14th July, and has asked for advice on the political implications of granting a licence. (We await further comments from him on the two applications which would involve extension).

3. While the immediate problem is the third application, we should be grateful if your assessment would cover the question of extending the continental shelf as well. And also the question of timing. Is one moment likely to be worse than another?

4. Problem has not yet been submitted to Ministers. At official level we believe it would be very difficult indeed for domestic political reasons to veto any of these applications if the islanders decided that they are to their advantage. The question is not of purely hypothetical commercial interest, even if oil is found. Grynbergs have put down substantial financial deposits. (Original one had to be returned pending decision on the question of extension). However, one of the factors which would presumably weigh in the islanders' minds would be your estimate of Argentine reactions.

5. If oil operation goes ahead, would you anticipate stronger Argentine reaction on possible enlargement of fishery limits ----- estimate contained in Summerhayes' letter of 23rd May to Sugg?

6. Grateful early reply.

Cypher: SJS

C.S. I am doubtful about X/- being correct but when it is no use for latter in this context. Please BV on file so that I can see in letter mentioned in para 5 - if, of course, we for a copy.

I have a P. been able to trace it.

LM

27/6

CS.

Grynberg applications

43

Lygg should have had (32) by now and i.v.o. approaching time of ExCo I suggest a tactful reminder by telegram re X/- would be appropriate. — [No longer necessary
lt 27/6]

2. Are you a cartographer? If so, I suggest using one of his maps loose in file to show, perhaps in different colours, in 3 areas. Object: display in ExCo.

3. Apologies for covering your draft in red ink. I rather think we should be cautious about our Burdwood Bank. I don't think we have a claim but in years to come we may regret saying so. Please have a word with me next time you are on telephone.

lt
25/6/69

CS Further note: we now have enough material for a more comprehensive ExCo memo. You will see that Buenos Aires telegram 2555, end of para 1, is not unhelpful. Could I please see your amended memo before it goes out? lt 27/6

- (c) be admitted into the United Kingdom or the Union of Soviet Socialist Republics respectively, for the purpose of joining a vessel as a member of the crew provided that he is in possession of a visa and a written declaration from the shipping company or its agents that he is to join a specified vessel at a specified port.

ARTICLE 14

(1) The High Contracting Parties reserve the right to deny entry to their respective territories to any holder of a recognised seaman's identity document whom they consider undesirable.

(2) Each High Contracting Party binds itself to re-admit to its territory any holder of a valid British Seaman's Card on the one hand and any holder of a valid U.S.S.R. Seamen's Passport on the other hand who has entered the territory of the other High Contracting Party by virtue of this Treaty.

(3) Except as provided in Article 13 a holder of a seaman's identity document referred to in Article 12 shall be subject to the conditions and regulations governing the entry, stay and departure of foreign nationals in force in the territories of the High Contracting Parties.

ARTICLE 15

(1) Each High Contracting Party shall, so far as practicable, grant treatment similar to that provided for in Article 13 to any member of the crew of a vessel of the other High Contracting Party (not being a national of either High Contracting Party) who holds a seaman's identity document issued by the competent authority of the State concerned and conforming with the provisions of the Convention on Facilitation of International Maritime Traffic, signed at London on 9th April, 1965, provided that such document guarantees the re-admission of the bearer to the country which issued the document.

(2) The provisions of paragraphs (1) and (3) of Article 14 shall apply in relation to any seaman to whom paragraph (1) of this Article applies.

ARTICLE 16

(1) The judicial authorities of one High Contracting Party shall not entertain any civil proceedings arising out of a claim of the master or a member of the crew of a vessel of the other High Contracting Party relating

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 25/6/69

Time:

Received: 27/6/69 Time:

No. 255 (BA)

PRIORITY CONFIDENTIAL

Following from Buenos Aires.

Addressed FCO telegram 255 of 25th June repeated Falkland Islands.

Your telegram 169.

My view regarding an extension of continental shelf to median line remains as stated in Mansfield's letter of 29th November and as to timing this would be a particularly bad moment with London negotiations regarding the Falkland Islands still pending and a new Argentine Foreign Minister in office whose attitude towards the dispute generally is still undetermined. In the circumstances it would be most unfortunate if we were to give any opening to those who would be inclined to urge a more active policy on him: a change in the Falkland Islands continental shelf law could well provide such a pretext. As regards the third application I see much less reason to withhold a licence although this still might provoke some Argentine reaction.

2. On your paragraph 5 the Argentines would obviously take an extension of the continental shelf at the same time as that of fishing limits as evidence of some new concerted policy but our estimate is still that an enlargement of fishing limits alone will not cause serious concern.

C.S.

444

We need to be a bit careful about
filing of these classified telegrams. The
easier way may be for you to
update your file?

2. Please see telegram 215- from B.A.
received today.

3. Please also see my previous note
below.

44 27/6

TREATY
ON MERCHANT NAVIGATION
between the United Kingdom of Great Britain
and Northern Ireland and the Union of
Soviet Socialist Republics

Her Majesty The Queen of the United Kingdom of Great Britain and Northern Ireland and of Her other Realms and Territories, Head of the Commonwealth, and the Praesidium of the Supreme Soviet of the Union of Soviet Socialist Republics;

Desiring to develop merchant navigation between the United Kingdom and the Soviet Union and to contribute to the development of international navigation on the basis of the principles of the freedom of merchant shipping;

Have decided to conclude the present Treaty and for this purpose have appointed as their Plenipotentiaries:

Her Majesty The Queen of the United Kingdom of Great Britain and Northern Ireland and of Her other Realms and Territories, Head of the Commonwealth, (hereinafter referred to as "Her Britannic Majesty"):

For the United Kingdom of Great Britain and Northern Ireland:

Goronwy Owen Roberts, Esquire, M.P.,

one of Her Majesty's Ministers of State for Foreign Affairs;

Joseph Percival William Mallalieu, Esquire, M.P.,

one of Her Majesty's Ministers of State in the Board of Trade;

The Praesidium of the Supreme Soviet of the Union of Soviet Socialist Republics:

Monsieur Victor Georgievich Bakaev,

Minister of the Merchant Marine of the Union of Soviet Socialist Republics;

Who, having communicated to each other their respective full powers, which were found in good and due form, have agreed as follows:—

42 ✓ 27/6

With specific reference to your minute at the foot of p. 41, I do not find anything recent on Argentina's fishery limits. The recent papers in f. 1351 (attached below) concern that subject from the Uruguayan point of view. (The papers in question had in fact not been submitted to me: our General Office here is still under heavy pressure & we have been without Mr's Chénets' services for two days because her household has been hit by 'flu, so we are, I fear, becoming a little behindhand.)

✓ 2 You will also wish to note X of p. 39, just transferred into the main file from a T/fk.

3 I fear I have not yet had the opportunity to deal with your minute at o.f.c. of 25/6/69.

J. J. J.
27.6.69

2298/A

2298/B

c.c. Grynberg file ✓

W
21/10/69

58

17 July, 69

Geneva Convention on the Continental Shelf.

I shall be obliged if you will be kind enough to arrange for me to be supplied with a copy of the Geneva Convention on the Continental Shelf (which I believe is properly entitled Convention on the High Seas and is dated 1958).

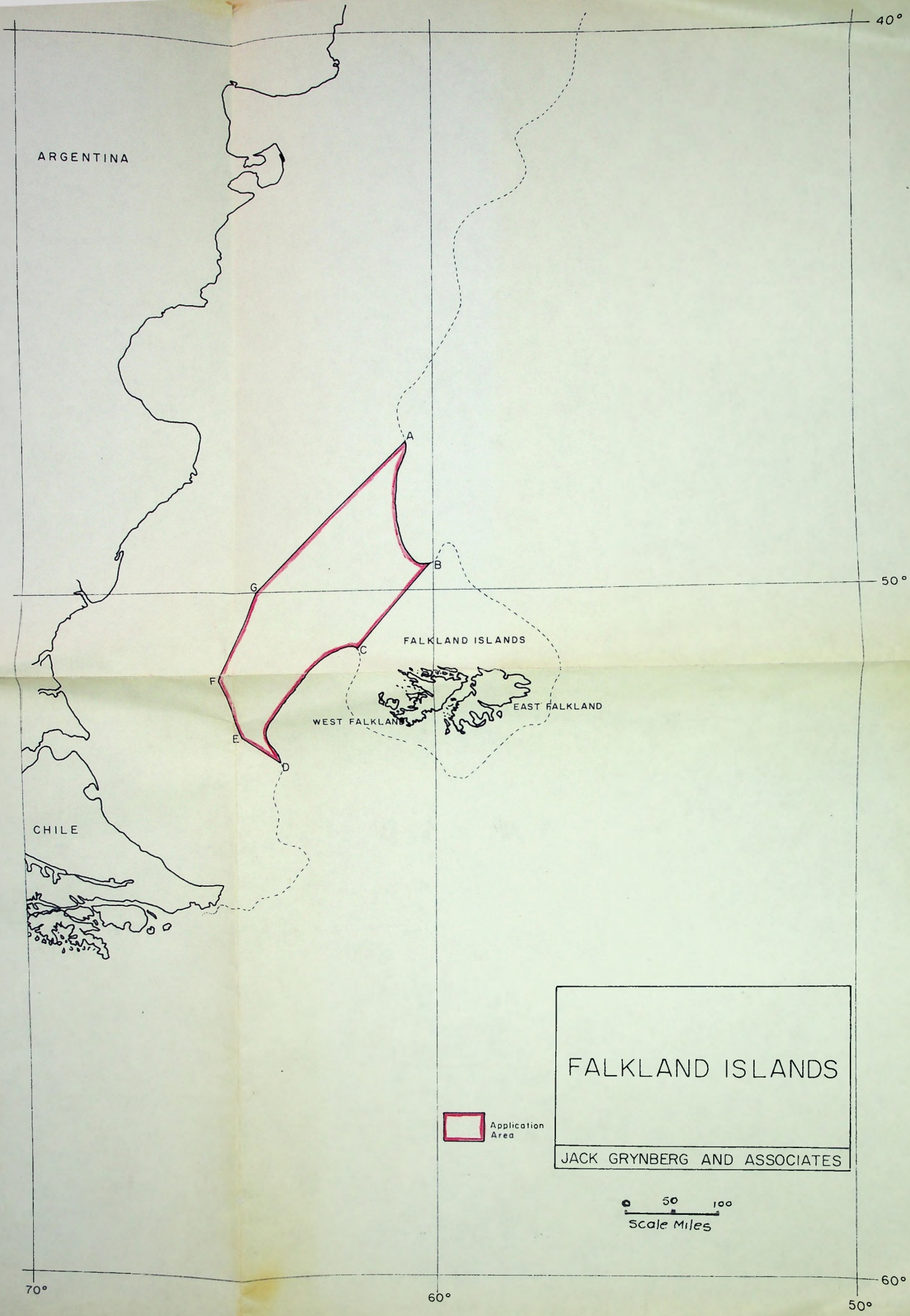
I would, in addition, be most grateful if you could provide me with a precise explanation of the reasoning which has led to the view that the Burdwood Bank lies within the jurisdiction of these Islands.

(J. A. JONES)
COLONIAL SECRETARY

A. St. J. Sugg, Esq., C.M.G.

SC

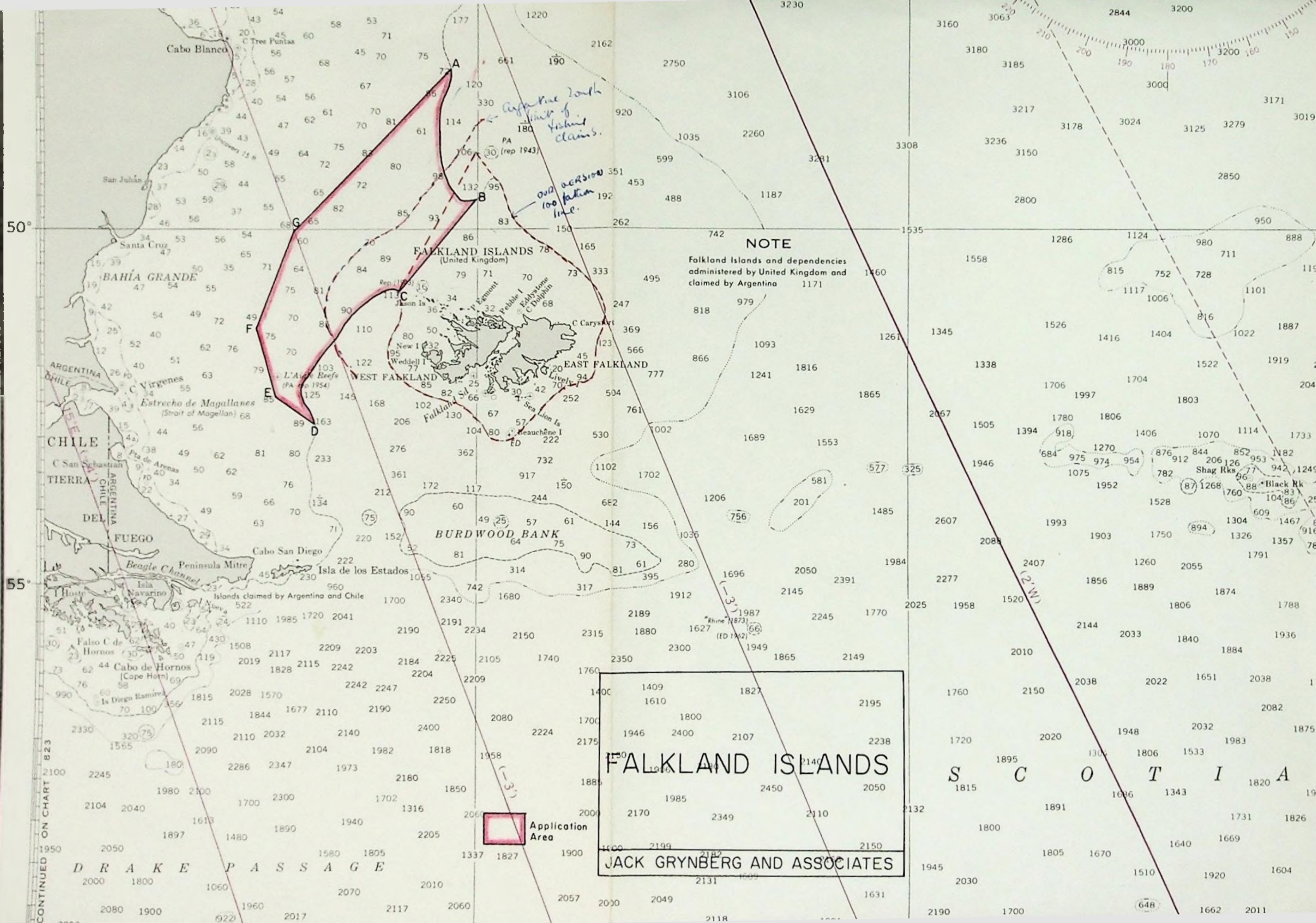
PLS. You need this file in order to
file copy of Exco. Memo. & in order, i.e., to insert copy of Conclusion.
O.B. Sp. HE 21/7. N.f.a.n. at present. OVER.



FALKLAND ISLANDS

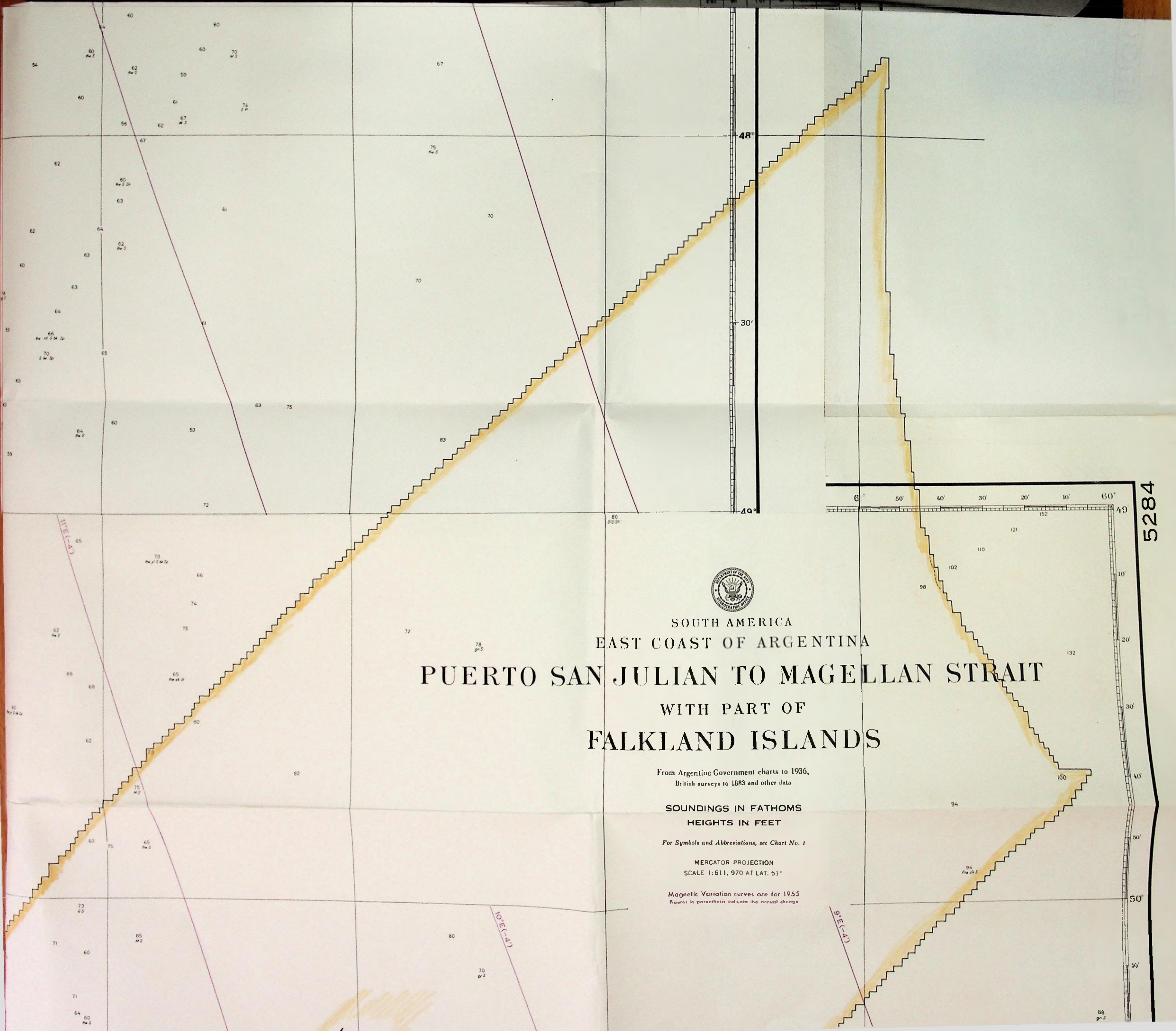
JACK GRYNBERG AND ASSOCIATES

0 50 100
Scale Miles



NOTE
Falkland Islands and dependencies
administered by United Kingdom and
claimed by Argentina

FALKLAND ISLANDS
JACK GRYNBERG AND ASSOCIATES



SOUTH AMERICA
EAST COAST OF ARGENTINA
PUERTO SAN JULIAN TO MAGELLAN STRAIT
WITH PART OF
FALKLAND ISLANDS

From Argentine Government charts to 1936,
British surveys to 1883 and other data

SOUNDINGS IN FATHOMS
HEIGHTS IN FEET

For Symbols and Abbreviations, see Chart No. 1

MERCATOR PROJECTION
SCALE 1:611,970 AT LAT. 51°

Magnetic Variation curves are for 1955
Figures in parenthesis indicate the annual change

5284

AREA I
30,744 sq. mi.

FALKLAND

ISLANDS

FALKLAND ISLANDS

JASON ISLANDS

Chart 2452

QUEEN CHARLOTTE

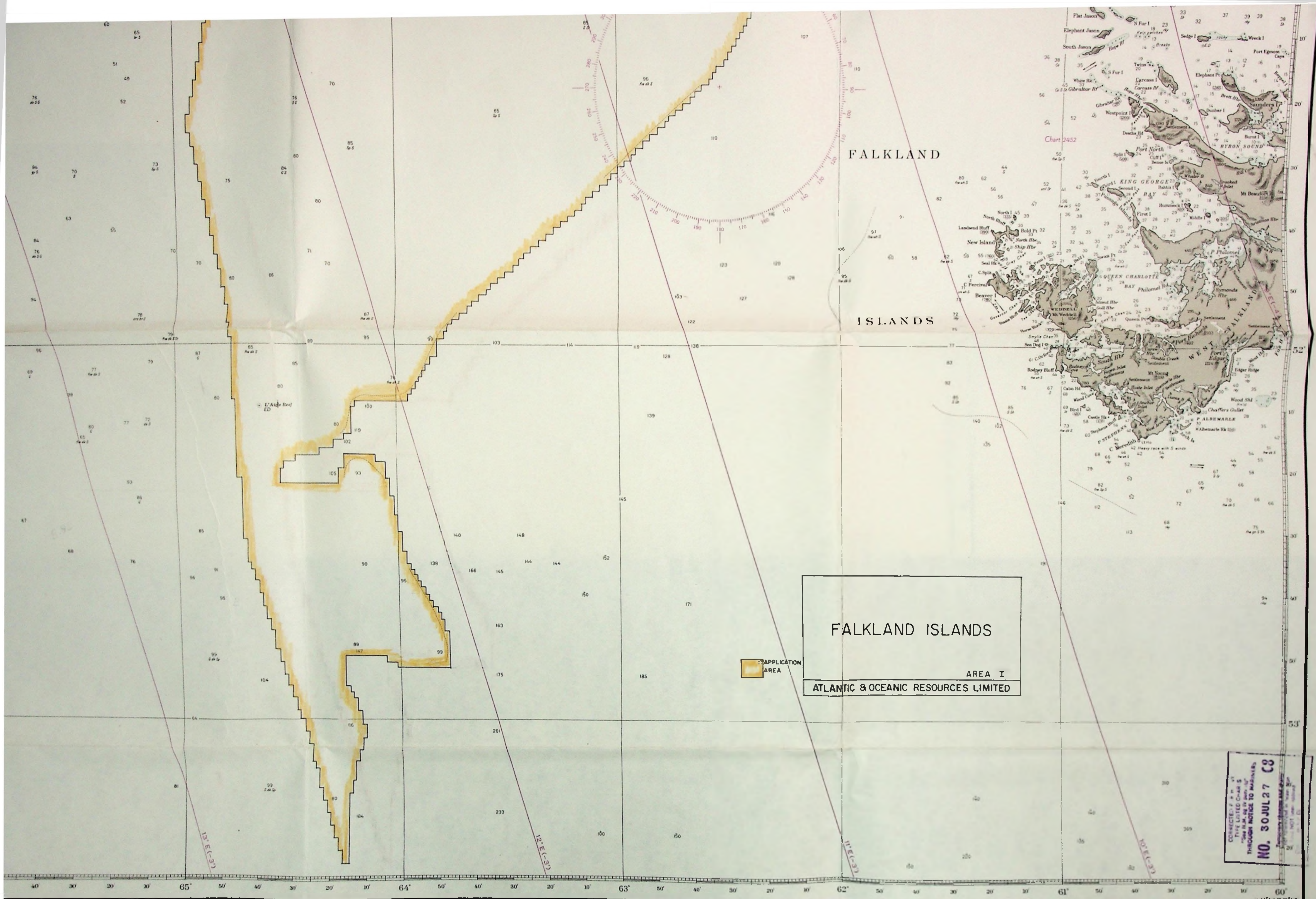
WEST PHILADELPHIA

ALBEMARLE

CHATHAM

ALBEMARLE

ALBEMARLE



FALKLAND ISLANDS

ATLANTIC & OCEANIC RESOURCES LIMITED

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Puerto San Julian to Magellan Strait with part of Falkland Islands
SOUNDINGS IN FATHOMS - SCALE 1:61,920

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