

C.S.

Whaling	
I	
Reports	
No.	88.

S. M., St. Georgia

SUBJECT.

1918

31st October

Whaling Report, South Georgia

Previous Paper.

1st April to 30th September 1918.

871/18

MINUTES.

Copy forwarded to Sec of State in dup:  
No. 18 of 15 Feb 1919.

AD.

Dile

Hon Treasurer  
Papers referred to you for your  
information

13.3.19

AD.  
for

The Honourable.  
The Colonial Secretary,

I wish to thank His Excellency for  
permitting these papers containing the South Georgia Whaling  
Reports for the period October 1914 to September 1918, to be  
referred for my information.

Subsequent Paper.

2. Might I be permitted to say that it seems to me that  
Section 1 of the Whale Fishery Ordinance 1908, contemplates the  
granting of Licences before any whales can be taken in the  
territorial waters of this Colony, while in the Magistrate's

700/19.

reports I notice the absence of any reference to the granting of whaling licences to take whales at South Georgia.

3. I understand that at South Georgia, whaling operations are carried on under the conditions inserted in the respective leases issued under the provisions of the Land Ordinance 1903. At the same time might I be permitted to point out that I can find no mention in the Whale Fishery Ordinance, (as in the Seal Fishery Ordinance 1899) to the right of owners or lessees of Crown Lands, or their exemption from obtaining such licences.

4. Further, it seems to me that sub-section 1 of section 2 of the Whale Fishery Ordinance, contemplates, inter alia, the granting of licences by the Colonial Secretary, to take whales during a specified period, and that in the respective leases issued for South Georgia, no such period would appear to have been inserted, other than the continuance of the lease, neither would any such period appear to have been provided for in the Regulations applicable to South Georgia.

5. It would therefore appear that at South Georgia, as no annual period has been provided for, that whaling operations are continuous, subject only to the payment of the annual rental. Under such conditions it might have been thought that the annual period during which whales may be taken at South Georgia would begin from the anniversaries of the date of the commencement of the lease, or from the "date of payment" of the annual rental, or from the 1st January in each year.

Instead, I find that the Magistrate, in his reports has divided the year into two periods of six months, which he described as "the Winter Season", (1st April to 30th September), and "the Summer Season", (1st October to the following 31st March).

6. I gather that the Magistrate has divided the year into two seasons in order, should it be so desired, to facilitate a comparison being made between the number <sup>of whales</sup> taken, and out-put of oil at South Georgia, with similar operations in the South Shetlands and adjacent Dependencies; seeing that at the latter places whaling licences are issued under separate regulations, which are not applicable to South Georgia, for the annual period 1st October to the following 30th September.

7. Although

7. Although licences are issued for the South Shetlands and adjacent Dependencies for a period of twelve months, it would seem that such operations are only carried on for a period of about six months in those Dependencies, (October to March), which period corresponds with that described by the Magistrate South Georgia as 'the Summer Season'.

8. From the Magistrate's report it would appear that more whales are taken at South Georgia during October to March, (the Summer Season) than in the remaining six months of the year. This can very easily be understood considering the very unfavourable conditions prevailing in these latitudes during the winter months.

9. It would seem to be indicated in the Magistrate's reports that a certain amount of waste in whale carcasses takes place at South Georgia at certain times during the Summer months, in as much as on certain occasions more whales are taken within a short period than the reducing plant on some of the Stations is capable of dealing with. On such occasions it would appear that after the "blubber" only has been removed, the carcasses are moored off and allowed to remain for future possible use; if not securely moored the carcass is lost.

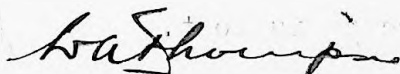
10. Further, if I understand correctly, the quality of the oil extracted from carcasses so moored deteriorates considerably if the carcass is allowed to remain for over a month.

11. In the Schedules appended to the Magistrate's reports, a certain amount of very useful information is given, which I venture to think might be added to, (if I might be permitted to make a suggestion) I would therefore suggest that under the provisions of the lease, each lessee might be required in future to

furnish this Government with the capacity of the reducing plant maintained at each station, with a monthly summary of the Company's operations, shewing the number of whale carcasses taken and carcasses reduced, the quality and quantity of the oil produced, as well as guano, with the capacity, (estimated if not actually known) of the number of carcasses, and quantity of oil that each reducing plant or other apparatus maintain at the station is capable dealing with.

12. I have ventured to make this suggestion, as from the Magistrate's reports I am inclined to think that at times a certain amount of waste in whale carcasses, and consequently in oil, does take place at South Georgia in the Summer months, but from the information so far furnished it does not seem possible to say with any degree of accuracy, the amount of waste, if any, which takes place at each station.

13. Further, I am also inclined to think, that if the information which I have suggested was furnished to the Magistrate month by month, it might then be possible to give that official certain discretionary powers with a view to his dealing with and preventing such waste, and his action, if any, in the matter would then be supported by the returns furnished to, and forwarded by him with his ~~report~~ bi-annual whaling report.



Colonial Treasurer.

19th March 1919.

I shall be glad if the Governor will kindly submit the above remarks with the suggestions therein contained, for the consideration of the Secretary of State for the Colonies.



Treasurer  
19/3/19.

Send an extract, para's 6, to 13 inc:  
 of the Treasurer's minute, to the  
 Magistrate of South Georgia, and ask  
 him to be good enough to give me his  
 views on the suggestions made.

At same time ask him for a  
 return showing the <sup>present</sup> capacity of the  
 plant of each whaling station at  
 South Georgia, the number of whales  
 taken to each station and the actual  
 output of oil in gals. of each station  
 during the year 1918.

20.3.19

$$\frac{157}{100}$$

On the receipt of the Magistrate's views  
 and report, the question of forwarding  
 to Sec of State can be considered.

$$\frac{157}{20.3.19}$$

Letter to S. Mr. South Georgia, 22.3.19.

Letter from S. Mr. South Georgia, 20.6.19.

File

Letter from A. New South Georgia, 27.6.19.  
" " " " " " " " 5.8.19.

Dispatch to Sec of State No 1217

19<sup>th</sup> Sept 1919. D.P.

19.9.19         
                  /

S. G. 75/18.



Magistrate's Office,

South Georgia.

31st October, 1918.

Sir,

I have the honour to forward herewith, for the information of His Excellency the Governor, my report on the Whaling Industry at South Georgia, for the period 1st April to 30th September, 1918.

2. The period has not been a successful one; the weather was very stormy, whales were very scarce, particularly so in the months of June, July and August, and the output of oil fell much below that of the corresponding period of 1917. The decrease in the output of oil is chiefly the result of the strike in June and July, and also to a certain extent to the fact that whales could only be found at long distances from the Factories and were therefore seldom fresh on arrival at the Stations. The majority of the whales were caught to the North West of the Island, a distance of eighty miles or more from the nearest Station.

3. The Southern Whaling and Sealing Company's whale catchers were not employed during the months of June, July, August and September.

4. Compared with the same period of last year there is a decrease of 394 in whales caught and

The Honourable

The Colonial Secretary,

Stanley.

a

a decrease of 50,921 barrels in the output.

For the whole season, 1st October, 1917, to 30th September, 1918, there is a decrease in production of 65,824 barrels. The average production of oil per whale for the period is 45 barrels as against 84.4 barrels for the same period last year.

5. The enclosures attached shew the results of the Industry for the period and for comparative purposes the results for the three preceding seasons.

I have the honour to be,

Sir,

Your obedient servant,

*W. Barlas*

Stipendiary Magistrate.

Month	Whales	Barrels	Value	Per Barrel	Total
April	1	0	10	100	0
May	1	0	15	24	2
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	2	4	0
September	0	0	30	150	0
<b>Totals</b>	<b>10</b>	<b>7</b>	<b>57</b>	<b>340</b>	<b>2</b>

*W. Barlas*  
Stipendiary Magistrate.



W H A L I N G.

South Georgia. Winter Season, 1918.

The following statement shows the total number and kind of whales taken by the various Companies in South Georgia during the period 1st April to 30th September, 1918.

Number and kind of Whales.

Company.	Rgt.	Spm.	Blue.	Fin.	H'bk.	Sei.	Total.
Sth. Georgia.	2	2	15	162	0	2	183
Tonsberg.	5	0	9	58	0	2	74
Scuthern Whg.	3	0	13	51	0	0	67
Arg. de Pesca.	0	1	10	60	2	3	76
Ocean.	0	3	10	31	0	0	44
Sydhavet (s.s. "Svend Ecygn")	0	1	1	2	0	0	4
Total	10	7	58	364	2	7	448
For same period 1917.	9	9	261	520	43	0	842
Decrease of		2	203	156	41		394

Whales captured each month.

Month.	Rgt.	Spm.	Blue.	Fin.	H'bk.	Sei.	Total.
April.	9	7	15	185	0	7	223
May.	1	0	15	34	2	0	52
June.	0	0	0	6	0	0	6
July.	0	0	0	0	0	0	0
August.	0	0	2	6	0	0	8
September.	0	0	26	133	0	0	159
Totals.	10	7	57	362	2	7	448

*W. Barlas*  
Stipendiary Magistrate.

## W H A L I N G.

South Georgia. Winter Season, 1918.

The following statement shews the quantity and value of Oil, Guano and Whale bone obtained during the period, 1st April to 30th September, 1918. from a catch of 448 whales.

Company.	Oil. barrels.	Value. £.	Baleen. tns.	Value. £.	Guano. bags.	Value. £.	Total. £.
Sth. Georgia.	6141.	24594.	$\frac{1}{4}$	100	0	0	24694
Tonsberg.	3262.	10246.	1	466	0	0	10712
Southern Whg.	3626.	21756.	1	440	0	0	22196
Arg. de Pesca.	4237.	16948.	0	0	994	487	17435
Ocean.	2751.	8253.	0	0	0	0	8253
Sydhavet.	176.	704.	0	0	0	0	704
Totals.	20193.	82501.	$2\frac{1}{2}$	1006	994	487	83994

The total output of 20193 barrels is graded as follows:

No. 0.	No. 1.	No. 2.	No. 3/4.	Sperm.	Sperm oil.
5536	4931	2438	6958	101	229

The following shews the results for the past four Seasons for comparative purposes.

Year.	Oil. barrels.	Value. £.	Guano. bags.	Value. £.	Total value. £.
1915.	56183	170162	23332	12591	183125
1916.	87487	262186	12988	4512	266803
1917.	71114	298113	1065	266	299779
1918.	20193	82501	994	487	82988

Oil and Guano production for the whole year from 1st October to 30th September.

Year.	Oil. barrels	Guano. bags	Total Value.
1914/15	270507	85393	770717
1915/16	346269	83561	1126147
1916/17	268327	9705	1015091
1917/18	202503	994	1094735

W H A L I N G.

Scuth Georgia.

Winter Season, 1918.

The total amount of oil exported during the period was 167,557 barrels.

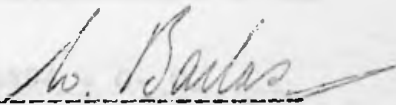
Estimated amount awaiting shipment on the 30th September, was 24,939 barrels.

Statement shewing the average number of barrels of oil extracted per whale by the individual Companies.

Company.	Average
Scuth Georgia.	33.6
Tonsberg.	44.0
Southern Whaling &c.	54.0
Argentina de Pesca.	55.8
Ocean.	62.5
Sydhavet.	44.0 (f.f. Svend Foyn I)

The following shews the average for the past four

Seasons.	1915.	1916.	1917.	1918.
	53.5	47.4	84.4	45.0

  
 Stipendiary Magistrate.

The South Georgia Whaling Company Limited.  
 Manager, A. B. Bales

Date: 1/15/18

W H A L I N G .

South Georgia.

1918. WINTER SEASON.

The following statement shews the number and kind of whales captured with the amount of oil of various grades extracted therefrom by the SOUTH GEORGIA COMPANY LIMITED During the period from 1st. April to 30th. September 1918.

W H A L E S .  
No. and kind.

	<u>Right.</u>	<u>Sperm.</u>	<u>Blue.</u>	<u>Fin.</u>	<u>H'Back.</u>	<u>Sei.</u>	<u>Total.</u>
April.	2	2	3	53	0	2	62
May.	0	0	4	16	0	0	20
June.	0	0	0	5	0	0	5
July.	0	0	0	0	0	0	0
August.	0	0	0	3	0	0 (3)	0
Sept.	0	0	8	85	0	0	93
<b>Total</b>	<b>2</b>	<b>2</b>	<b>15</b>	<b>162</b>	<b>0</b>	<b>2</b>	<b>183</b>

=====

CUTPUT OF OIL ETC.

No. 0. 3394 brls. Right whale bone Guanc.

No. 1. 0 " 1 tcns. 0 bags.

No. 2. 153 " Total estimated value.

No. 3/4. 2316 "

Sperm. 88 " £ 24594 - 0 - 0.

Sperm oil 190 "

Total output of oil during the period. 6141 brls.

Total amount of oil exported during period. 5006 67993 "

Amount awaiting shipment on 30th. September 1076 2335 "

Number of whale catchers employed 11

I solemnly declare that the foregoing particulars are to the best of my knowledge accurate.

The South Georgia Company Limited.

Date. 1/10 1918.

Manager. L. N. Hansen

W H A L I N G .

Scuth Georgia.

1918. WINTBR SEASCN.

The follwing statement shews the number and kind  
of whales captured with the amount of cil of varicus  
grades extracted therefrcm by the TCNSBERGS HVALFANGERI.  
during the pericd from 1st. April to 30th. September 1918.

W H A L E S .  
Nc. and kind.

	Right.	Sperm.	Blue.	Fin.	H'Back.	Sei.	Tctal.
April.	5	0	3	31	0	2	41
May.	0	0	1	0	0	0	1
June.	0	0	0	0	0	0	0
July.	0	0	0	0	0	0	0
August.	0	0	0	0	0	0	0
September.	0	0	5	27	0	0	32

CUTPUT CF CIL ETC.

Nc. 0.	849	brls.	Right whale bcne.	Guanc.
Nc. 1.	825	"	1,15	0
Nc. 2.	394	"	tcns.	bags.
Nc. 3/4.	1194	"	Tctal estimated value.	
Sperm.	0	"	£ 10246 - 0 - 0	
Sperm cil.	0	"		
Total	Tctal output of cil during the pericd.		3262	brls.
Amount	Total amount of cil expcrted during pericd.		47531	"
Number	Amount awaiting shipment on 30th. September.		10857	"
	Number of whale catchers emploeyed. (partly)		4	

I sclemnly declare that the fcregcing particulars  
are to the best of my knowledge accurate.

Date. 3D September 1918

Manager. Hjalmar Andrus

W H A L I N G :

South Georgia

1918. WINTER SEASON .

The following statement shows the number and kind of whales captured with the amount of oil of various grades extracted therefrom by the SOUTHERN WHALING & SEALING COY. during the period from 1st April to 30th Septr. 1918.

W H A L E S							
No. and kind.							
	<u>RIGHT</u>	<u>SPERM</u>	<u>BLUE</u>	<u>FIN</u>	<u>H'BACK</u>	<u>SEI</u>	<u>TOTAL</u>
April	2	Nil	5	44	Nil	Nil	
May	1	Nil	8	7	Nil	Nil	
June	Nil	Nil	Nil	Nil	Nil	Nil	
July	Nil	Nil	Nil	Nil	Nil	Nil	
August	Nil	Nil	Nil	Nil	Nil	Nil	
September	Nil	Nil	Nil	Nil	Nil	Nil	
							<u>67</u>

OUTPUT OF OIL ETC .

No. 0	<u>Nil</u>	brls.	<u>Right whale bone</u>	<u>Guano</u>
No. 1	<u>1890</u>	"-	<u>1 1/10 tons</u>	<u>Nil bags</u>
No. 2	<u>190</u>	"-		
No. 3/4	<u>1646</u>	"-		
Sperm	<u>Nil</u>	"-	<u>Total estimated value :</u>	
Sperm oil	<u>Nil</u>	"-	<u>£ 21756.-.-</u>	
Total output of oil during the period		<u>3626</u>	brls.	
Total amount of oil exported during the period		<u>8392</u>	"-	
Amount awaiting shipment on 30th September		<u>5468</u>	"-	
Number of whale catchers employed		<u>6 ( Six )</u>		

I solemnly declare that the foregoing particulars are to the best of my knowledge accurate.

Date: 21st October 1918

FOR THE SOUTHERN WHALING & SEALING CO., LTD.

Manager

*N. S. Andersen*  
per *R. Heyerdahl*  
*Secretary*

W H A L I N G .

South Georgia.

WINTER SEASON 1918.

The following statement shews the number of whales captured with the amount of oil of various grades extracted therefrom by the Compañia Argentina de Pesca during the period 1st April to 30th September, 1918.

W H A L E S .

Number and kind.

	Right.	Sperm.	Blue.	Fin.	H'back.	Sie.	Total.
April	0	1	2	32	0	3	38
May.	0	0	0	8	2	0	10
June.	0	0	0	1	0	0	1
July.	0	0	0	0	0	0	0
August.	0	0	2	3	0	0	5
September.	0	0	6	16	0	0	22
	0	1	10	60	2	3	76

CUTPUT OF OIL ETC.

Nc. 0	_____	brls.	
	1205		
1	_____	"	Right whale bone. Guanc.
	918		
2	_____	"	_____ tcns. 994 bags.
	1415		
3	_____	"	
	686		
4	_____	"	
	0		
Sperm	_____	"	
	13		
" Oil	_____	"	

Total output of oil during period. \_\_\_\_\_ brls. 4237

Total amount of oil exported during period. \_\_\_\_\_ " 28560

Amount awaiting shipment on 30th September. \_\_\_\_\_ " 661

Number of whale catchers employed. \_\_\_\_\_ 4

I solemnly declare that the foregoing particulars are to the best of my knowledge accurate.

Date \_\_\_\_\_ 30/9-1918

\_\_\_\_\_  
 Manager.

W H A L I N G .

South Georgia.

1918 WINTER SEASON.

The following statement shows the number and kind of whales captured with the amount of oil of various grades extracted therefrom by the OCEAN WHALING COMPANY during the period from 1st. April to 30th. September 1918.

W H A L E S .  
No. and kind.

	Right.	Sperm.	Blue.	Fin.	H'Back.	Sei.	Total.
April.	3		2	23			28
May.			1	3			4
June.	<i>nil</i>						
July.	<i>nil</i>						
August.	<i>nil</i>						
September.	7			5			12

CUTPUT OF OIL ETC.

No. 0.	_____ brls.	<u>Right whale bone</u>	<u>Guanc.</u>
No. 1.	<u>1298</u> "	_____ tcns.	_____ bags.
No. 2.	<u>201</u> "		
No. 3/4.	<u>1213</u> "	<u>Total estimated value.</u>	
Sperm.	_____ "	£ <u>8253 - 0 - 0</u>	
Sperm oil	<u>39.</u> "		
Total output of oil during the period.	<u>2751.</u> brls.		
Total amount of oil exported during the period.	<u>23251.</u> "		
Amount awaiting shipment on 30th. September.	<u>5618</u> "		
Number of whale catchers employed.	<u>3 - 2</u>		

I solemnly declare that the foregoing particulars are to the best of my knowledge accurate.

Date 30 September 1918 Manager. Victor Eskerup



88/19.

88/19.

22nd March, 1919.

Sir,

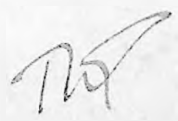
I am directed by the Governor to forward to you the attached extract from a minute, dated the 13th instant, received from the Colonial Treasurer, and to request you to be so good as to forward to me for His Excellency's information your views on the suggestions made therein.

2. I am at the same time to request you to furnish a return shewing the present capacity of the plant of each whaling station at South Georgia, the number of whales taken at each station, and the actual output of oil (in gallons) of each station during the year 1918.

I am,

Sir,

Your obedient servant,



for Colonial Secretary.

E. B. Bignie, Esq.,  
Stipendiary Magistrate,  
SOUTH GEORGIA.



88/19.

S.G.No. 97/19.

The Magistrate's Office,

South Georgia,

20th. June 1919.

Sir,

I have the honour to acknowledge the receipt of your letter No. 88/19 of 22nd. March 1919, covering an extract of a minute by the Colonial Treasurer, and asking for my views on the suggestions therein.

- Para. 6. The whaling season naturally commences on about the 1st. September, at least that is the date on which the whalers begin hunting, sometimes a few days earlier but never later and the season is considered to terminate about the 1st. week in May. The Season 'Oct to March' and April to September were set before my arrival in the Dependency and as the periods seemed to suit very well they have never been altered.
- 8. This is so but cannot be accepted as a criterion, as the weather conditions during the past winter were equally as good if not better than the now past Summer, 'Oct-March' 1918-19. Whales were plentiful, but the weather did not permit of hunting. The whalers while anchored on the N.W. part of the Island could see the whales at sea, but were unable to take them, excepting perhaps on one day in a week, when raids were made by the entire whaling fleet, when some of the more fortunate were able to take home 5-6 whales.

9/10.

This is a point which I have already raised several times, but referring to the latter part of the paragraph I would like to make one thing clear, regarding carcasses. When the Blubber is taken off a whale and the carcass immersed, it is not necessary for it to be there a month for the oil to deteriorate, this takes place in a day, in a month the carcass would in all probability sink and become so putrid that nothing could be made of it for towing it to the station. But on the other hand if a carcass is opened up and the inside fat extracted with some of the entrails it will last considerably more than a month, and give No 4 oil besides being good for Guano. I have seen carcasses thus used after being a month in the water.

*The Honourable  
The Colonial Secretary  
Falkland Islands*

11. The idea of a monthly summary is good, and would be of good assistance in making up the annual report, the summary could be made cut in duplicate a copy being sent to Head quarters and a copy being attached either to the  $\frac{1}{2}$  yearly interim report or to the Annual report, now that interim reports are  $\frac{1}{2}$  yearly, I think the better course to adopt would be one annual report instead of the Summer and Winter separate, it could be made cut in such a manner that at a glance could be seen the monthly working of each station also the output etc for the Six Summer months and the Winter. However this is but a suggestion. Regarding the number of carcasses that each company is capable of working up in a day can be easily arrived at when the total capacity of the station is given. It has been proven during the past season that for every blubber boiler it is necessary to employ 6 pressure boilers. As if on a station 12 Blubber boilers are filled in a day (with good conditioned whales) there will be sufficient Meat and Bone left to fill 70 pressure boilers, this can be taken as absolutely authentic. It has been tested every day for weeks on the station of the South Georgia company during the past season.
12. It is impossible to make any suggestion regarding this.
13. I quite concur with the Treasurer as to the discretionary powers for preventing any waste or stopping the catch of whales for any particular or certain days.

I regret that I am unable to forward the particulars regarding the capacity of each station this time but will endeavour to send it by the first opportunity.

I have the honour to be,

Sir,

Your obedient servant,

*Gov. S. B. Binn*

Stipendiary Magistrate.

88/19



S.G.103/19.

The Magistrate's Office,

South Georgia,

27th. June 1919.

Sir,

In continuation of my letter No 97/19, and referring to the second para. of your letter 88/19 of 22nd. March I have the honour to append herewith a return shewing the number of whales taken by each company and the total output of oil in gallons during the year 1918.

I have the honour to be,

Sir,

Your obedient servant,

A handwritten signature in cursive script that reads "E. B. Binnie".

Stipendiary Magistrate.

The Honourable,

The Colonial Secretary,

FAULKLAND ISLANDS.

W H A L I N G 1918. SCUTH GECRGIA.

Period 1st. January to 31st. December.

Name of Company.	No of Whales.	No of Gallons of Oil. (approx)
South Georgia Co. Ltd.	1052	2159280
Tonsberg Hvalfangeri	484	1165600
Southern Whaling & Co.	614	1300320
Compania Arg. de Pesca	408	1012000
Ocean whaling Co.	324	886840
Floating Factory <sup>Neko</sup> "NEKO"	160	280000
dc <sup>Thor</sup> "THOR" 1	12	40000
dc "SVEND FOCYN" 4	4	7040

7251080 approximately

*E. W. B. Binn*  
Magistrate.

88/19



The Magistrate's Office, St. Georgeia,

S.G. 121/19.

5th. August 1919

Sir,

With reference to my letter to you no 97/19,  
of 20th. June 19, I have the honour to forward here-  
with a return shewing the present capacity of each  
stations reducing plant, and other items of interest  
in connection therewith.

I have the honour to be,

Sir,

Your obedient servant,

A handwritten signature in dark ink, appearing to read "E. B. B. B. B." with a long horizontal flourish extending to the right.

The Hon.

Stipendiary Magistrate.

The Colonial Secretary,  
FALKLAND ISLANDS.

SOUTH GEORGIA COMPANY LIMITED.

Station No 1.

Reducing plant.      18 Blubber Boilers Capacity    8312 cub.ft.  
                          39 Pressure dc                    dc    18979    dc  
                          12 Clearing Tanks                    5312  
                          7 Storage Tanks capacity        8200 barrels.

Guano Plant.            1 Drier 52' x 5'6".            horizontal.  
                          4 driers 15' x 12'.            Vertical  
                          1 Mill.

Max. output of oil per diem.      600 barrels.  
Max. Output of Guano.              400 bags.

Station No. 11.

Reducing plant.  
                          12 Blubber boilers                7048 cub.feet.  
                          52 Pressure dc.                  30056    "  
                          1 Sperm Boiler                    36        "  
  
                          4 Clearing Tanks.                3449     "

Max. output of Oil per diem.      600 barrels.  
Max. output of Guano.              -no Mill-

TØNSBERGS HVALFANGERI. Husvik Harbour.

Reducing Plant.      12 Blubber Boilers                5559 cub.feet.  
                          42 Pressure dc                    18058    "  
  
                          16 Clearing Tanks                10983    "  
  
12 Storage Tanks.                170767    "

Guano Plant.            3 Ccke driers  
                          1 American steam drier.  
                          1 Mill.  
                          1 Decintegrator.  
Possible output      280 bags per diem.  
Max output of oil per diem      600 barrels.

Capable of working    6 Blue whales, or 9 Fin whales.  
                          or 4 Blue and 3 Fin. or 15 Humpbacks per diem.

SCUTHERN WHALING AND SEALING COMPANY. Prince Clav's Harbcur.

Reducing plant. 10 Blubber bcilers capacity 5027 cub.feet.  
 41 Pressure dc dc 16482 "  
 Clearing tanks dc 3857 "  
 Strage tanks dc 25000 barrels.  
 (1 to erect for 4000 brls.)

Guanc Plant. -nil- delivery nct made on acccunt cf war.

Max.cutput cf cil per diem 600 barrels.

Capable cf working 6 Blue whales 6-9 Fin whales.

Blue<sup>+</sup>-Fin. 6-9. H.Back. 15-20.

CCMPANIA ARGENTINA DE PESCA Grytviken.

Reducing plant. 20 Blubber bcilers capacity 12064 cub.feet.

(20 Under erection) *present capacity* 38 Pressure bcilers 18603 "  
 6 Sperm bcilers 110 "

22 Strgge tanks. capacity 25000 barrels.

GUANC. 1 Horizontal drier. 54'x 5'6". (3 in ccurse cf erection).

Present Pccssible cutput cf guanc per diem 150-200 bags.

Max. cutput cf cil per diem 500-600 barrels.

Capable cf working in cne day: 6 Blue whales cr 11 Fin.  
 cr 9 Fin & Blue. cr  
 16 HumpBacks.

SANDEFJORD WHALING COMPANY. Strcmness bay.

8 Blubber bcilers capacity 4752 cub.feet.  
 32 pressure bcilers dc 13824 "

Clearing tanks 4680 "  
 Strrage Tanks. 36000 "

Guanc. 1 Husvik Mill horizontal.

Max. cutput cf cil per diem 525 barrels.

Max. cutput cf Guanc 150 Bags.

Capable cf working in cne day: 8 -10 Blue whales.  
 10- 15 FIN.  
 5- 7 Ble & Fin  
 15-20 Humpbacks.



OCEAN WHALING COMPANY New Fortune Bay.

12 Blubber bcilers capacity	5632	cub. feet.
36 Pressuer bcilers	19066	"
4 Sperm bcilers	78	"
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6 Clearing tanks	3144	
9 Stcrage tanks	14700	Barrels.

Max. output of oil per diem 600 barrels.

Guano Plant. 3 Vertical drying kilns.  
1 Mill.

Max output per diem 200 bags.

Capable of working in one day:

8 Blue whales  
10 Fin  
10 Fin & Blue.  
14 Humpbacks.

N.B/. The maximum output of oil is given suppcsin; the whales to be fresh.

The number that can be worked up in one day varies according to the size and condition.

*E. B. Binning*  
Magistrate.