

INDUSTRIES

(Sand Grass)

1926.

No.

126/26.

Forest Officer.

SUBJECT.

1926

22nd February.

Previous Paper.

Report on Sand Grass sown at Peninsula
and the Wireless Station.

MINUTES.

Minute from Forest Officer of 22nd February, 1926

Y.L. - 1. Submitted

2. The specimens of grasses referred to by the Forest Officer on page 3 of his report are still in his custody. He will be requested to send them to Govt. Sto. for Y.L. inspection. I presume these specimens are those referred to in Y.L.'s minute of 22nd Jan. on vol. 386/25

3. With regard to the destruction reported as being caused by hares, the Colonial Engineer has been directed on Y.L. instructions to have the fences on the Peninsula made hare-proof.

J.H.
7/2/26

H.C.S.

Draft despatch is attached

16 April 1926.

Subsequent Paper.

Despatch to Secretary of State No. 4
19.4.1926.



Label across flap
envelope.

Y.E.

This paper was intended to be brought
up to day.

G.M.B.

O/C Sec.

1 June 1926.

O/C Sec.

Bring forward when Mr. Kiddle returns
from Shell Cove

G.M.B.

5. VI. 26

Y.E.

Mr. Kiddle has now returned to Stanley.

G.M.B.

O/C Sec.

28 June 1926

M.S.

I visited the Peninsula accompanied by Mr.
G. J. Dalton and Mr. Kiddle on 4th in St. Aust.
The Sand grass appears to be doing well;
where planted it has established itself, and
there are distinct signs of spreading.

2. I have instructed Mr. Kiddle to arrange
to carry out the thinning and planting
recommended by Mr. Reid (M.P. 224/26) as soon
as weather conditions permit.

G.M.B.
30 Sept. 1926

G.M.B.
30. 11. 26

Just 4. 10. 26.

Chief Inspector of Stock,

I presume that this grass seed is still in good condition and fertile ?

2. When is the most appropriate time for its sowing ?

(Sgd.) J.M.Ellis.
Ag. Col. Sec.
14.2.27.

The Hon.
Col. Sec.

The grass seed is in good and fertile condition.

2. I should recommend sowing in early spring or late autumn.

(Sgd.) R.W.Carter,
C.I.S.
14/2/27.

Y.E.,

Submitted. The handing over would now seem to have been satisfactorily completed.

2. In view more particularly of the time during which these two bags of sand grass seed have been in store I think that the sooner it is planted the better.

3. Mr. Carter to consider further and submit a definite recommendation as to time and place for planting.

(Itld.) J.M.E.
15. 2. 25.

(Itld.) A.E.B.
16 Feby. 1927.

Chief Inspector of Stock,

Accordingly please.

(Sgd.) J.M.Ellis,
Ag.Col.Sec.
16.2.27.

The Hon.
Col. Sec.

I believe the grass seed should be sown in August or beginning of September of this year.

2. Approximately 1/3rd of the seed could be sown on south side of Eastern Wireless Station and the remainder equally distributed in sand patches on

A. South coast between Hooker's Point and Lighthouse, and

B. On sand hills at Yorke Bay.

(Sgd.) R. W. Carter,
C.I.S.
5/5/27.

Y.E.,

Submitted. I understood Y.E., to say that Y.E., desires that the Govt. House Gardener should be consulted in this connection ?

(Itld.) J.E.E.
7.5.27.

H.C.S.,

1. Yes. As it will be necessary for Chief Inspector of Stock to visit the Camps much more in future than has been the case in the past, I propose that the re-grassing of the Peninsula should come under the general superintendence of the Govt. Ho. Gardener who will be assisted by Mr. Kiddle the Forestry Labourer.

(Itld.) A.E.B.
8 March, 1927.

2.12

Letter with reference to A.P. 546, 26 attached.

1/2

9.3.27.

Hel.

I have now spoken to the Government House gardener about this matter. He and Mr. Kiddle are of opinion that some of this seed could be planted now.

2. It is necessary that Mr. Kiddle should continue the work of transplanting on the Sand hills at York Bay, and I have instructed him to proceed there on Thursday 17th March and to continue working there until Thursday 31st March. In addition to transplanting, he will plant some of this fresh Sand grass seed which he is going to obtain from Chief Inspector of Stock's Office. He will require an assistant with him, and I have authorised him to engage Mr. Summers, late Assistant Gardener at Govt. Ho., for the fortnight in question at the usual P.W.D. casual labourer rate.

3. Mr. Kiddle has represented also that as the planting has now to be done fairly speedily it is necessary to transport the plants considerable distances. He points out, quite rightly that considerable time and labour is wasted if each sack of plants has to be man handled. He tells me that when carrying out his last piece of work there he used his own horse, and enquired whether he could be loaned P.W.D. horses on this occasion. This, unfortunately is not possible, so I have arranged for Mr. Kiddle to hire his two horses to the Government for a fortnight for a lump sum of £10. (The local charge for hire of horses is 10/- each per day)

4. Expenditure in connection with above is chargeable to Head XV Item 3.

B.
15 March, 1926

John - Treasurer

Local Auditor

Chief Inspector of Work

To Lot

Index

g. G. L.

Hon. Col. Sec. ^{15. 3. 27.}

Noted.

Mr. George Harkness
15. 3. 27.

Local Auditor.

Passed to you.

Mr. C. H.

15. 3. 27.

Hon. Col. Sec.

Noted.

Mr. Conner

Not. 4/4/27

4. 11. 3. 27.

6 4. 4. 27.

Receipt from H.E. the Ag. Governor, 6/4/27. 18-19.

Voucher in respect of Mr. Kioale -

20.

" " " Mr. Summers.

21.

4 18. 4. 27.

6 11 4 27.

C.S.O. No. 126/26.

Sheet No. 6.

Inside Minute Paper.

y. 9.5.27.
19.4.27.

I took an opportunity on 25.4.27.
of visiting these sandgrass plantations in company
with the H.M.R. people and Messrs. J. J. Hayles,
S. Miller and H. Hardy.

The sandgrass appears to be taken
good hold on the peninsular. The seeds
planted at plants transplanted are all
doing well and there is most satisfactory
evidence of self-seeding on a considerable
scale.

J. M. S.

26.4.27.

22. Minute from Ch. Insp. Stock of 5 Nov. 1927.

Chief Inspector of Stock.

Please see N.P. 348/27 attached
and ascertain from Kiddle Re Roustby Cabins
whether any seed from seed has been
sown this year or he agree to shift
you refer and, ^{if not} ~~if not~~, whether he has
any seed available.

The Hon
Col Sec

J. M. Miller
7.11.27

I am sorry to have
troubled you in the matter for as
I have now ascertained sand grass
seed has been planted this year
in the W/T paddock.

3 There is no more
sand grass seed available

T. W. Carter
C. D. S.
7/11/27

Inside Minute Paper.

y. 8.

Scheduled. I will now take up
with C.I. of that the planting of trees
from on the perimeter in the neighborhood
of the W.T. station (Pill's paddock) at
Hobbs Point.

2. to do some arrangement

It also to make of the continued
planting of sand from on the perimeter
particularly in the neighborhood of the
by others.

3. A further supply of sand
from seed shall also be obtained,
possibly, with by local collection at by
C.I. of that to advise?

2nd 8.11.27
2.

File D.P. 378/27

1/2

Hon C.S.

Please. You will make the necessary arrangements
for us to resume possession of our paddock
in due course, i.e. the one I spoke to you
about, so that it can be planted with tussock.

D. 27

A.H.

Chief Inspector of Works,

Please see at advice

the matter of obtaining a further

supply of sand from seed.

2. (N.P. 378/27) in which the matter
of planting tussock is treated is referred
to you simultaneously.

Yours
J. H. G.

10. 11. 27

1. 11. 27
Col &c

I should like to suggest that
6 cwt. of marram grass seed (*Amphiphila arundinacea*)
be purchased through the C.A. from Sutton & Sons
England.

2. I have inspected the Peninsula & I am
of the opinion that a good deal more sand grass seed
should be sown in the sheltered places where the
grass would become established on these places
& spread out on to the more exposed ground.

3. The sand grass sown from seed on the
Peninsula & W.P. paddock is doing very well.

The Captain
C.S. 8
6/11/27



Y.E.,

Submitted. May 6 cwt. of
Marram Grass seed be ordered
through the Crown Agents?

A.D.J.
for C.S.
10/12/27

M.P. 9/119/27

Mr. Planet.

Parse.

A.H.

12/27
12

23.

Minute from C. Insp. Stock. of 13 Jul. 1928.

Col. Inquirer

Please see Red 23. Would it be possible
for the tussock to be cut for fodder for the P.W. horses.

How Col. Secretary

Tussock is cut from this
plantation, when required, for the
P.W. horses, and I understand that
when this tussock is brought to
Stanley more than half of it is
dead & dry. The requirements are,
however, negligible in comparison
to the size of the plantation, & I
would suggest that the tussock
be cut and the bogs cleared of
the dry & rotted grass.

L. White
for C.S.
10/2/28

4/4. Sect.

I have spoken to you in this
connection and I understand that all L.C. of 2.
wants is to clean up the plantation /
will be glad if he will make arrangements
to do so charging the necessary expenses
against Head XV 3. Planting of Trees at farms.

Yours

24. 7. 28.

Chf. Inspector of Stock.

To you for necessary action

W.S.

M.C.S. 25.7.28

The above

will see

I shall make the
necessary arrangements accordingly
so that the work can be
carried out immediately

The Controller
M.C.S.

27/7/28

Report on Sand Grass experiments at the Peninsula Wireless Station

I

The area known as the Peninsula, which is situated north east from Port Stanley, has a barren sand covered area, extending roughly 4 miles long to Cape Pembroke Lighthouse, and about 2½ miles broad from the north to the south shore.

It is bounded by Port William on the north side, and the open sea on the south side.

With the strong prevailing winds which are experienced here, a great quantity of sand is continually drifting over this area, from the numerous small bays along both north & south coasts.

In October 1923 it was considered essential, that some means should be taken to fix the drifting sand against the action of the wind, (the sand was causing much inconvenience at Cape Pembroke Lt.)

Up till October 1923 sheep had been stocked on the Peninsula, and what vegetation there was on the most easterly point, was eaten down to the roots, leaving the bogs which the grass had formed in a pretty dry and worn-out condition, only an occasional Sand cabbage (*Senecio candicans*) would be found widely distributed.

The nature of the ground is patchy with sand, peat, and rocks; over lying blue clay, in some places the sand is but a few inches ^{deep} and other places where ~~the~~ it has banked up, several feet may be found.

The peaty ground has the appearance of being good Tussock growing ground, the peat may be found several feet in depth, recently a good few acres have been planted up with Tussock.

In October 1923 a fence was erected from York Bay on the north side, to Hookers Point on the south side, cutting all animals off from the east side of the Peninsula.

A quantity of seed heads of Marram, Sea Reed or Mat grass, was procured locally from Pebble Island, West Falklands, also about 1 cwt of Marram^{seed} from a local firm, who had imported the seed straight from New Zealand.

The seed and heads were sown in trenches 4 inches deep along the north side in October 1923, also in pockets on large patches of sand.

The first signs of germination was noticed 8 weeks after sowing, the rate of growth the first year (1924) was very slow. But the following year a fairly good growth was noted, some of the plants measured 18 inches high.

Where seeds had blown to some isolated spot the best plants were found.

Unfortunately hares had access to the ground, and they were very destructive to the young grass in the winter of 1924, a great many of the plants were eaten down to the root stock.

In ~~1925~~ May 1925 most of the plants in the trenches had attained a suitable height and size for transplanting, 4 men were turned on to this work for 10 days and a fairly large area was covered, the plants were taken from the trenches, and planted singly at 3 feet apart.

In October 1925 a further quantity of Marram seed (*Ammophila arundinacea*) was sown in the same manner as mentioned before, also a little broadcasting was adopted.

III

On going over the ground recently the Marram grass plants were found in a very flourishing condition, some have made fairly decent bogs and have begun to stop the sand, there are a good many bearing seed heads, and one or two ~~are~~ have seeded last year.

On the whole area a marked difference is noticed on the vegetation from what it was in 1923.

The north and south sides now are carrying large areas of different kinds of grasses which have sprung up from the old root stock, also a large quantity of Sand cabbage ^{is} distributed over the whole area.

The grass bogs are all seeding heavily and are in an excellent condition, some of the bogs measure 3-4 feet high and 4-5 feet in circumference.

Others are forming a mat habit and have commenced to hold the sand drift, also the Sand cabbage where old plants are established, thousands of seedlings are springing up.

There are 6 different kinds of grasses to my knowledge which sheep and cattle feed on, and from information gathered they are very nutritious, and cattle thrive well on them.

Attached are duplicate specimens of each grass for identification, which may be useful if seed was required at any later period.

Should the Peninsula be kept free from stock for several more years I am confident that the whole area can be reclaimed, and will provide good pasture for cattle in winter.

IV

The paddock round the Government Wireless Station which is situated east from Port Stanley, and stands close to the south shore, has in the last 5 years been encroached badly with sand drift.

In October 1923 a portion of Sullivan House garden was sown down with ~~the~~ Marram seed, and in April 1925 some 1500 plants were available for transplanting.

Those were planted round the south, east, and west sides of the Wireless paddock with a view to stop the sand drift.

The majority are now beginning to establish themselves, and a few are forming seed heads.

One or two have died, this being caused by the ground becoming covered with pools of water in winter.

A quantity of Marram seed (*Ammophila arundinacea*) about 50 lbs. was sown in September 1925, and at the present time a good braird has been got, the young plants are 3-4 inches high.

In another year there will be a fair quantity of plants which can be distributed over the whole area, and form a complete barrier which will fix the sand, this paddock also will be available for grazing purposes in time to come.

James Reid
Forest Officer
30th January 1926

FALKLAND ISLANDS.

C.S. No.....

MINUTE PAPER.

Departmental Number.

From *Forest Officer*.....

XII B.....

Date *22nd Feb 1926*.....

To *The Hon. The Col. Secy.*.....

*Report on Sand Grass sown
at the Peninsula & Wireless Station.*

Reference
Numbers. {

Sir,
I herewith beg to submit
a report on the Sand Grass sown
at the Peninsula and the Wireless Station
also please find attached duplicate
samples of grasses found on the Peninsula
for identification purposes.

I have the honour
Sir
your obedient servant

*James Keen
Forest Officer*

18
FALKLAND ISLANDS.

No. 40.

GOVERNMENT HOUSE,

STANLEY,

19th April, 1926.

Sir,

I have the honour to refer to the correspondence mentioned in the annexed Schedule on the subject of the devastation caused by drifting sand on Cape Pembroke peninsula, and to transmit to you a report by Mr. J. Reid, Forest Officer, on the reclamation work which has been undertaken during the last three years.

2. The efforts which were made by the Government in 1906 to protect the Lighthouse and the Keepers' quarters, which are situated on the eastern extremity of the peninsula, from the drifting sand by the planting of marram and sea lyme grass in the vicinity of the buildings failed to accomplish the object intended, and at the beginning of 1923, owing to the devastating activities of the sand and the grazing of stock, there was no sign of vegetation over an area of about 4 miles long by 2½ miles wide.

3. It was accordingly decided to plant marram grass on the areas lying furthest to windward, as these constituted the main source of the sand and the spreading of grass by seed over the unplanted areas would thereby be facilitated. The barren land/

THE RIGHT HONOURABLE

L. C. M. S. AMERY, P.C., M.P.,

SECRETARY OF STATE FOR THE COLONIES.

land having been fenced off and all stock removed from it, an extensive and systematic attempt at its reclamation was commenced in October, 1923, by the planting of marram grass along the north shore in the vicinity of Yorke Bay, where the sand cast up on the beach is dried and blown over the peninsula. The areas then planted have been gradually extended by the sowing of seed in the spring and the transplanting of grass in the autumn, and the aggregate effect of these efforts is now quite marked while the large quantities of Sand Cabbage (*Senecio Candicans*) which has come up is proving an effective sandstay.

4. Moreover several varieties of sandbinding grasses which seem to grow more rapidly than marram, have appeared in some profusion; specimens of these are being forwarded under separate cover and as it is desirable that they should be identified, I shall be glad if they be sent to the Director of the Royal Botanic Gardens, Kew, for this purpose. The specimen marked IV is widely distributed throughout the Colony, but the other varieties are believed to have been introduced by a former tenant of the land who is known to have carried out experiments extending over a long period of years, in planting sand-binding grasses.

5. The difficulties of the problem of controlling the drifting sands on the large area of the peninsula which had been rendered worthless, are fully explained in the earlier correspondence on the subject, and the success which has attended the

reclamation/

11

reclamation work, inaugurated in 1923, reflects great credit on Mr. Reid under whose personal supervision the grass planting operations have been carried out.

I have the honour to be,

Sir,

Your most obedient,

humble servant,

J. Middleton.

No. 40 of the 19th of April, 1926.

ENCLOSURE NO. I to FALKLAND ISLANDS DESPATCH

No. 40 of the 19th of April, 1926.

PENINSULA AND WIRELESS STATION.

SCHEDULE OF DESPATCHES RELATIVE TO DRIFTING SAND ON CAPE PEMBROKE PENINSULA.

The area known as the Peninsula, which is

situated north-east from Port Stanley, has a barren sand covered area, extending roughly 4 miles long to Cape Pembroke.

FROM GOVERNOR TO SECRETARY OF STATE.

No. 34 of 10th April, 1905. 27 miles broad

No. 18 of 14th February, 1906.

No. 103 of 3rd December, 1906. the north side,

No. 19 of 25th March, 1907.

No. 48 of 17th June, 1907. and which are

experienced here, a great quantity of sand is continually drifting over this area from the numerous

FROM SECRETARY OF STATE TO GOVERNOR.

No. 31 of 5th July, 1905.

No. 33 of 5th May, 1906. to fix the drifting

against the action of the wind. (the sand was causing much inconvenience at Cape Pembroke Light-house).

Up till October 1923 sheep had been stocked on the peninsula, and what vegetation there was on the most easterly point was eaten down to the roots, leaving the bogs which the grass had formed in a pretty dry and worn-out condition; only an occasional Sand cabbage (*Senecio Canadensis*) would be found widely distributed.

The nature of the ground is patchy with sand, peat, and rocks, over lying blue clay. In some places the sand is but a few inches deep, and other places where it has banked up, several feet may be

found.

REPORT ON SAND GRASS EXPERIMENTS AT THE
PENINSULA AND WIRELESS STATION.

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plants/

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James Reid.

FOREST OFFICER.

30th January 1926.

DUPLICATE



Downing Street,

27 June, 1926.

Sir,

I have the honour to acknowledge the receipt of Sir John Middleton's despatch No. 40 of the 19th of April, and to transmit to you a copy of a letter from the Director of the Royal Botanic Gardens, Kew, on the subject of the devastation caused by drifting sand on Cape Pembroke Peninsula, and containing his observations on Mr. Reid's report on the reclamation work which has been undertaken during the last 5 years.

2. I hope that it will prove possible to carry on the work initiated by Mr. Reid.

I have the honour to be,

Sir,

Your most obedient,

humble servant,

(Signed) L. S. AMERY



THE OFFICES ADMINISTERING
THE GOVERNMENT OF
THE HAWAIIAN ISLANDS.

COPY.

ROYAL BOTANIC GARDENS,

KEW, SURREY.

11th June, 1926.

Sir,

I have to acknowledge the receipt of Colonial Office letter No.C.10770/26 dated 3rd June and the enclosed copy of the despatch from the Governor of the Falkland Islands on the subject of the devastation caused by drifting sand on Cape Pembroke Peninsula, together with a report by Mr. J. Reid, Forest Officer, on the reclamation work which has been undertaken during the last three years.

The sand-binding grasses which were forwarded under separate cover have been identified as follows:-

Nos.I,III,V and VI are Poa Alopecurus.Kunth
Nos.II is Elymus arenarius L. (an introduced species which is a native of the Northern Hemisphere).
No.IV is Poa robusta Steud.

I have read the report on the experiments which have been carried out and find the document one of considerable interest. Mr. Reid clearly understands the question thoroughly and has got the situation well in hand. He has discovered the most useful kinds of plants for the peculiar conditions prevailing in the Falkland Islands, and has evidently made good use of his knowledge

I hope Mr. Reid will be given every facility for extending his plantation as the reclamation work he has already achieved is of great value and further work of reclaiming the drifting sand cannot fail to be of great advantage to the Islands.

I am, etc.,

(SGD.) ARTHUR HILL.

Director.

The Under Secretary of State.
Colonial Office,
Downing Street, S.W.1.

Sand Grass Transplanted
October 1926

13 th	606
14 th	650
15 th	419
20 th	580
21 st	400
22 nd	204
24 th	700
29 th	940
1 st	361
3 rd	140
	<hr/>
	<u>5,000</u>

It is requested that, in any reference to this letter, the above Number and the date may be quoted.

19

To Hon. E. Secretary

From

THE COLONIAL SECRETARY.

Stanley, Falkland Islands.

The attached statement of the number of
Sand Glass plants transplanted on the
Peninsula was given to me this morning
by Mr. Kiddle, Forestry Dept. Labourer, who carried
out the work. It can be attached to Mr. P. In
Record.

2. I hope that we will have an opportunity of
visiting the Peninsula in the near future.

24 Nov 1

19
From His Excellency the Governor



to The Honourable the Colonial Secretary.

I attach for record on relevant m/s.
notes of a verbal report made to me
to-day by Mr. Kiddle, Forestry labourer,
in connection with his recent grass planting
on the Peninsula.

B.
6 April, 1927.

P. Necessary vouchers for payment of Mr. Summers
and for hire of horses should now be prepared.
B.

Verbae Report by M. Kadi regarding
press planting on Peninsula

1. Work commenced 17th March
2. The area dealt with on this occasion was the part of the Peninsula due South of the large Tussock stand in Port William. In the centre of this area 4100 plants were planted, and also three rows of seeds running across the area E. and W. About 100 yards to the East of this area a further three rows of seed running right across the Peninsula from N. to S. were ^{sown} planted. Immediately to the West of the Light House a further three rows stretching across the Peninsula were sown. Whilst in the Light House grounds a clump of 500 plants was planted for transfer at a later stage all round the Light House building.
3. Work completed 31st March.

[Signature]
6 April 1927

FALKLAND ISLANDS. P No.

HEAD OF SERVICE }
(or A/c.) } XV. STOCK DEPARTMENT. (Other Charges).

SUB-HEAD 3. Planting Grass.

COLONIAL GOVERNMENT, 8th April, 192 7.

Dr. to Mr. D. Kiddle.

in the sum of TEN POUNDS

being the sum authorized for payment to Mr. D. Kiddle in respect of the hire of two horses from the 17th March to 31st March for use in connection with the work of planting grass plants and sowing grass seed at the Peninsula.

M.P. 126/26.

Authority for Expenditure

General Warrant.

I CERTIFY that the above account is correct, the expenditure incurred under the authority quoted, and that the ~~same has been~~ ~~checked~~ ~~by~~ ~~the~~ ~~proper~~ ~~authorities~~ ~~and~~ ~~is~~ ~~correct~~ ~~and~~ ~~reasonable~~

£ 10. 0. 0.

Acting Colonial Secretary. Head of Department.

Received from the Colonial Treasury the amount specified in the foregoing warrant; to the correctness of which I hereby certify.

Witness.

FALKLAND ISLANDS. P No.

HEAD OF SERVICE } XV. STOCK DEPARTMENT. (Other Charges).
(or A/c.) }

SUB-HEAD 3. Planting of Grass.

COLONIAL GOVERNMENT, 8th April, 1927.

Dr. to Mr. E. Summers.

in the sum of FIVE POUNDS EIGHTEEN SHILLINGS AND TENPENCE.....

being the amount of wages due to him in respect of his services in planting grass plants and sowing grass seed at the Peninsula.

Work commenced 17th March and finished 31st March -
113 hours 50 minutes @ 1/- = £5. 18s. 10d.

M.P. 126/26.

Authority for Expenditure

General Warrant.

I CERTIFY that the above account is correct, the expenditure incurred under the authority quoted, ~~under the authority of the General Warrant No. 126/26 of the 8th April 1927~~

£5. 18s. 10d. Acting Col. Secretary. for Head of Department.

Received from the Colonial Treasury the amount specified in the foregoing warrant; to the correctness of which I hereby certify.

Witness.

No.

MINUTE.

(It is requested that, in any reference to this minute the above Number and the date may be quoted).

5. The November 1927.

From *Chief Inspector of Stock*

To

Stanley

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

I beg to submit that in the paddock on the South side of the Eastern Wireless Station there is about 2 acres of ground on which the sand is shifting & gradually working towards the wireless station.

2 If the Government Gardener has any sound grass seed left I would recommend that some of it be sown ^{from} on these 2 acres of sandy ground to help to stop the sand shifting.

Th. Carter

No.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).



MINUTE.

23

15 July

1928

From *Chief Inspector of Stock*
Stanley

To

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

I beg to report that I have visited the lucas & sand grass plantations on the peninsula & have found that although the sand grass is growing remarkably well the lucas has not improved to any great extent.

2. Hares have done a considerable amount of damage to the young lucas plants. I have not allowed them a chance to grow.

3. The lucas in Hooker's pt. plantation is not doing very well & I believe that the cutting of this plantation would do good.

Horses have been allowed to run in
the plantation at the Eastern Wireless Sta. & have
grazed the young plants off considerably &
have taken steps to have the gate into this
paddock properly secured & this will probably
stop the grazing off of the young trees &
sagebrush plants.

1 to Carter
C. I. S.