

C. S.

SCIENTIFIC.
(Meteorological).

NAT/MET/1#16

1945.

No. 75/45.

Naval Officer in Charge.

SUBJECT.

1945.

19th July,

Previous Paper.

METEOROLOGICAL SERVICE - ~~NEW SYSTEM~~

LOCAL OBSERVING STATIONS.

MINUTES.

1. Letter from Naval Officer in charge of 19.7.45.

(2).

G.E.

These payments, which will be more than justified by the benefit to farmers & masters of cutters, will be in the nature of honoraria & the first step will be to ask the people concerned whether they would be willing to accept them. Provision can then be made in the 1946 Estimates accordingly - when your financial payment should begin w.e.f. 1st August.

L.B.

20.7.45.

A small sum shd be added to the above provision for maintenance of the R/T. sets - it will be very small. The sets belong to Govt.

Subsequent Paper.

(3)

I have no objection - but we shall have to settle soon the "met." policy

24/7/45

Letter to K. Lellman, Esq., of 25. 7. 45.

Telegram to Mrs Ferguson, New Island of 25. 7. 45.

" to Mrs Hansen, Caracas Is., of 25. 7. 45.

" to E. Smith Esq., of 25. 7. 45.

" from Mr. Hansen of 5-8-45

" to Mrs. Ferguson 11. 8. 45.

" from Mrs Ferguson 13-8-45

(11)

Q.P.

I think we should begin to pay these allowances from 1st Sept. as the people concerned will be expecting it. Will you apply for a S.W. for £20. how s/h under your head "Maintenance for the stations." I am putting £20 for 1945 & £80 for 1946 in the draft estimates.

2. Payments as follows: —

M^r. Ferguson. £1. p.m.

M^r. Hansen £1 p.m.

M^r. Peter Belto. £1. p.m.

M^r. K. Lellman. £1 p.m.

Operator. Fox Bay £1. p.m.

	£5	=	£60 p.a.
			20
			£80 p.a.

KB
29/8/45

Minute from Director of Agriculture, of 31. 8. 45.

Letter from Karl V. Lellman, Esq. of 10. 9. 45.

(14).

Q.K.

S.W. submitted for tomorrow to those concerned from 1/9/45 — 31/12/45. I do not think we can ask them to wait until 1946.

KB
10/9/45

Letter from K. V. Lellman, Esq. of 1. 7. 46.

16
 Re. nfr (res 15) to H. D. A. 'f.' then
 thank hi L. for his services

CBE
 10.7.46

(17)

D of A. as in (16) pl.

DLG
 10/7/46

(18)

H.C.S. Herewith a letter of appreciation to
 Mr Lellman, for your approval + a voucher
 If you approve would you forward the
 letter to Mr Lellman + the Voucher to The Treasury

JH
 1.12/46

(19)

Necessary action taken

DLG
 30/7/46

Pl. DLG
 30/7/46

20. Tel to Mr. A. Smith, Fox Bay of 30. 8. 46.

DLG
 15/7/46

(21)

O/c Ag. Dept. to remind you to prepare vouchers

DLG
 16/12/46

(22)

H.C.S.

Thank you. Vouchers passed + arrangements for
 payment being made.

H.R.G.

O/C. Agric Dept.

18-12-46.

DLG
 17/12

Received D of A
 to 1946

Savingram No 47 from S. of S of 30.5.47. 23.

24

Met. Office

In report n (23) pt.

ABH
19.7

25.

Hon. C.S.

1. The six stations as detailed in (23) [except for Hope Island read ~~Hope Island~~ ^{Fox Bay}] are operating, but Government did not make provision for payment of C. Pembroke Staff.

2. It was assumed by me (before leaving the UK last year) that C. Pembroke also received the £12 per annum, and hence Air Ministry was asked to authorise payment to six stations.

3. all the stations, including C. Pembroke, figure in the proposed reorganisation of the Falklands Met Service (p 32-34 of 0008.D) In this it is proposed that the stations should play a larger part than hitherto, and this will mean an increased scale of allowances.

4. allowances for C. Pembroke Staff (who have recently demanded payment for their services to the Met. office) are dealt with in FLK 7/47/98 (copy attached). (25)

New scales for the remaining five stations are proposed in 56-8 of 0008.D. Now para 9 at 27.

The proposed allowances for all six stations total £102 per annum.

5. It is observed that Air Ministry have made no provision for the maintenance of the Radio Telephone equipment at Carcass and New Island. This commitment was previously borne by the Government on Agric. office votes but was renounced when Air Ministry took over.

My intention, this year, was to cover the maintenance for this year, with the balance of the £100 allowed for payment of the six observers.

A complete report on wireless communications is being sent to A.M. by next mail. This will contain an estimate of the maintenance costs involved. G.H.
28.7

25A

memo to met office reply.

26

Copy of memo from met. off. to Director, met. office of 9.7.46

27.

" " " " " " " " 16.7.46

28

BE

(23) with ltr. XVI

'Met. Division'

of 1946 and 1947 Estb.

2. Draft S/T with which L. Has.

Issue.

knits - A.T. copy for con. ltr.

3. (26) fi. only

4. (27) was appd. by Y.E. before

issue (in 0008 D) see (25A) herein.

he will probably pay coal charges

in 1948.

Why?

CBE
S.S.

29.

MC. 6/viii

30

Saving sum No. 57 to L. of S. of 6.8.47

31

Y.E.'s

magnified every ~ 28 of 4. h. re

(27A) of 10.

CBE
12/8

32.

MC. 12/viii

PA CBE
33
12/18

Letter from J. Hansen of 21.8.47

Don't forget
here up
to app. pl

Met. Office.

(33)

f.

ABL
11.5

35

How C.S., I shall, of course, be seeing Mr & Mrs Hansen when they return from Montevideo but I presume that the official thanks for their services should come from Government?

2. I am making enquiries as to whether Mrs. Goodwin can continue the work on Carcass and we are also considering the possibility of opening a station at Port Stevens in place of the one at Carcass.

G.H.
12.9.

36

RE.

(33) - 35 f.

2. I will thank Mr & Mrs Hansen on her return, by Miss Lister.

ABL
15.5

✓ 37
MC 15/1x

38

ALB

Can you find out when Mr H. began his duties?

ABL
15.5

acs

Ref. 38 pl. Mr. Howkins phoned.
He is of opinion that Cedar Jones approached
Camp Stations, without referring the matter
to N.O.I.C., ^{or C.S.O.,} requesting them to furnish
weather reports.

W.S. 16/9

40

Mes.

I think (39) is the situation pl.

2. Comdr. Jones was the first Naval
Met. Off. to take over during the war - fl.

16.9.

41

R. put up a letter p.m. at 12.30.

Abel
76.9

42.

MLL

④1 draft h/with, pl

19.9.

Letter to Jason Hansen, Esq. of 20/9/47.

43

9A ~~10/11/12~~



Office of
Naval Officer in Charge.
Falkland Islands.

19th July, 1945.

The Honourable The Colonial Secretary.
Falkland Islands.

Local Weather Reports.

Now that the Falkland Islands Defence Force is being stood down to a peace time basis it would appear that this is an opportune moment to place the observers at New Island, Carcass Island, Pebble Island, Fox Bay and Darwin on a similar basis.

2. I understand that farmers find local weather forecasts of great value to them. These forecasts are dependent on the stations mentioned in my paragraph 1.
3. It is suggested, therefore, that the above observers should be paid a nominal sum of £12 per annum as recognition of their services and to encourage them.
4. I am endeavouring to make available on loan reliable instruments for the above stations.
5. It is suggested that the Government should make provision for a supply of spare parts such as valves and H.T. batteries.

R. H. Guss
COMMANDER, R.N.
NAVAL OFFICER IN CHARGE.

Mr. Ferguson N 9.
Mr. Hansen Carcass ✓
Mr. R. B. Bells Pebble ✓

Fox Bay - Smith.

K. Lellman - Darwin.

25th July,

45.

Sir,

I have the honour to inform you that Government has under consideration the maintenance of the existing services of Meteorological observations on farm stations. It is proposed to pay observers, if they are willing to carry on, an honorarium at the rate of £1 per month and also to provide such spares as may be required for wireless sets.

2. I should be grateful if you would inform me whether you would be willing to carry on the services you are at present giving and, if so, whether you would be willing to accept the honorarium offered.

I have the honour to be,
Sir,
Your obedient servant,

K. G. BRADLEY
Colonial Secretary.

K. Lellman, Esq.,
Darwin,
EAST FALKLAND.

See 13 & 15

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS AND DEPENDENCIES

SENT.

Number

Office of Origin

Words

Handed in at

Date

25. 7. 45.

To Mrs. Ferguson,
NEW ISLAND.

ALTHOUGHT THE WAR IN EUROPE IS OVER GOVERNMENT WOULD LIKE YOU TO
CONTINUE YOUR METEOROLOGICAL OBSERVATIONS AND HAS UNDER CONSIDERATION
PAYMENT OF A SMALL HONORARIUM OF £1 PER MONTH. IT IS ALSO PROPOSED
TO PROVIDE SPARE PARTS FOR WIRELESS SETS AND BATTERIES, ETC., AS
NECESSARY. GRATEFUL IF YOU WOULD INFORM ME WHETHER YOU ARE WILLING
CARRY ON AND WOULD LIKE TO RECEIVE SUGGESTED HONORARIUM.

COLONIAL SECRETARY.

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS AND DEPENDENCIES

SENT.

Number

Office of Origin

Words

Handed in at

Date

25. 7. 45.

To Mrs. Hansen,

GARCASS ISLAND.

ALTHOUGH THE WAR IN EUROPE IS OVER GOVERNMENT WOULD LIKE YOU TO CONTINUE YOUR METEOROLOGICAL OBSERVATIONS AND HAS UNDER CONSIDERATION PAYMENT OF A SMALL HONORARIUM OF £4 PER MONTH. IT IS ALSO PROPOSED TO PROVIDE SPARE PARTS FOR WIRELESS SETS AND BATTERIES, ETC., AS NECESSARY. GRATEFUL IF YOU WOULD INFORM ME WHETHER YOU ARE WILLING TO CARRY ON AND WOULD LIKE TO RECEIVE SUGGESTED HONORARIUM.

Time

COLONIAL SECRETARY.

See 33.

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS AND DEPENDENCIES

SENT.

1

Number	Office of Origin	Words	Handed In at	Date
				25. 7. 45.

To SMITH,
FOX BAY.

PAYMENT OF AN HONORARIUM TO METEOROLOGICAL OBSERVERS ON THE WEST
IS UNDER CONSIDERATION. IF THIS IS APPROVED YOU WILL BE ALLOWED
£1 PER MONTH FOR METEOROLOGICAL DUTIES

See Red 29

COLONIAL SECRETARY.

Time

DECODE.

20

TELEGRAM.

From Mr. Hansen, Carcass Island.

To Colonial Secretary.

Despatched: August 5th 19 45. *Time:*

Received: August 7th 19 45 *Time:* 10.30

Shall be pleased to continue Meteorological observations.

Hansen Carcass Island.

9

GOVERNMENT TELEGRAPH SERVICE.

FALKLAND ISLANDS AND DEPENDENCIES.

SENT.

Number	Office of Origin	Words	Handed in at	Date
				11. 8. 45.

To MRS. FERGUSON
NEW ISLAND.

Notes

SHOULD BE GRATEFUL FOR A REPLY TO MY TELEGRAM OF THE 25TH JULY
ABOUT METEOROLOGICAL OBSERVATIONS.

COLONIAL SECRETARY.

DECODE.

(10)

TELEGRAM.

From Mrs. E.M. Ferguson

To The Colonial Secretary.

Despatched: August 13th 19 45 Time :

Received : August 13th 19 45 Time : 2.30

Recd a Telegram received stop shall be pleased to continue
Meteorological observations.

E.M. Ferguson.

DECODE.

TELEGRAM.

From Mr. E. Smith, Opr. Fox Bay.

To The Colonial Secretary.

Despatched: August 13th 19 45 *Time:*

Received: August 13th 19 45 *Time:*

Regret delay in reply from Mrs. Ferguson stop your telegram was forwarded from here 27th July with their mail which normally would reach them in two days stop on enquiry am informed they only collected their mail from Weddell Island yesterday.

Smith.

No.

7/9

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

MINUTE.

Ref. 7/9-

(12.)

31st. August, 1945.

To The Honourable,

The Colonial Secretary,

Stanley.

From The Director of Agriculture,

Stanley, Falkland Islands.

Herewith please find the Special Warrant to cover the payments of the Honorarium to the Meteorological observers in the Camp, as instructed in your minute No. M.P.75/45.



Director of Agriculture.



13

10th Sept. 1945.

The Honourable,
The Colonial Secretary,
Stanley.

Dear Sir,

Thank you for your letter ^{Red H} 75/45 of
25th July and for the confidence shown therein.

I will be pleased to continue in my
capacity as a meteorological observer while
residing at Darwin and will be willing to
accept the honorarium as offered.

I beg to remain,

Dear Sir,

Your obedient servant,

A handwritten signature in dark ink, appearing to be "F. V. [unclear]", written over a horizontal line.

1st July. 1946.

ABC
87-44

Sir,

Red H. Confirming my conversation with Mr Bound, ref. your letter 75/45 dated 25th July, 1945, I beg to advise you of my forthcoming departure from Darwin, probably in September, and the consequent termination of my services as Meteorological Observer. I have informed Lieut. Niddrie.

If necessary I shall be pleased to instruct my successor to the best of my ability in order that observations here may be continued without interruption.

I find it a pleasure and consider it an honour to have been associated with the Meteorological Service.

I have the honour to be,

Sir,

Your obedient servant,

Frank V. Newman

The Honourable,
The Colonial Secretary,
Stanley.

DECODE.

TELEGRAM.

(20)

From The Colonial Secretary.

To Mr. E. Smith, Fox Bay.

Despatched : August 30th 19 46 Time : 10.15.

Received : 19 Time :

Recd

My telegram 25th July 1945. Honorarium of \$12 for meteorological services rendered by you will be paid at end of year.

P/L.

COLONIAL SECRETARY.

22853/9/47.

20.

Secretary of State for the Colonies.

The Officer Administering the Government of FALKLAND ISLANDS.

Date 30 May, 1947.

No. 47 Saving.



My telegram No.28 saving

19 in 255/46
Taking over of
of F.15 met
Station by
A.M.

A sum not exceeding £100 per annum has been allocated from Air Ministry funds for the payment of allowances to part-time observers who maintain auxiliary meteorological stations. Air Ministry have been informed that there are at present six such stations: at Cape Pembroke, New Island, Carcass Island, Hope Island, Pebble Island and Darwin, and that the observers are paid at the rate of £12 per annum. I note that provision for only five stations was made under Head XVI of the 1947 estimates, and I shall be glad to learn whether the figure of six stations is correct.

The Air Ministry assume that payment to these observers will be made from a separate account opened by you in respect of the meteorological service for annual reimbursement by the Ministry.

See 30 for reply.
SECEP.

Mr. Hamilton to advise

MC/

'1947' s.d.
and '1946'.
Page 26 of
estimates

C.S.O. No.....

Inside Minute Paper.

Originally 55 in 0008/D.

25H
Sheet No.....

Uncl. Office in 0008/D

(54) Re. attach the Draft. It
is appd. You will Dr. M. K. S. furnish
me with a copy for filing: you may
also add references as in CBE
§ 1 of 54. 10.7

Hon. C. S.

Filed at (27) in
75/45 (Met Service
Local Observing Stns).

(this f.c.)

Copy of the letter is attached.

References in § 1 of 54 have been added.

G. H.

28.7

Meteorological Officer,
Stanley,
Falkland Islands.

9th. July, 1947.

Cape Pembroke Lighthouse as a Meteorological Observing Station.

The staff at Cape Pembroke take regular observations at 4-hour intervals, the registers being submitted half yearly to MO 3.

24 in 008/p
2. Following up the proposals on page 13 of FLK 10/47/59 dated 15th. May, the lighthouse Keeper has been asked to keep a complete weather diary of eye observations (CL, CM, CH, h, Nh, N and V) daily, at and between the hours 0300, 0600 and 0900 GMT.

Instrumental observations for these hours are then derived from autographic records in Stanley.

3. Night watches were previously kept at the Stanley Office for the sole purpose of taking the 0600 and 0900 observations. The new arrangement not only provides an improved observational routine but also allows greater use of the available staff, on daytime routines.

4. The lighthouse staff have requested payment both for the work which they do for MO 3 (para. 1) and for the weather diary kept for the Stanley Office (para. 2).

5. The observations made for MO 3 are very largely a duplication of the work done at this office and payment for this does not, therefore, seem to be justified.

Cape Pembroke is only 5½ miles from the Stanley Office and the Meteorological observations made at the two stations should be identical in all but a few respects.

Also, by January 1st. 1948 regular returns on forms 3206 and 3207A (FLK 7/47/97, dated 9th. July 1947 refers) will be made from this Office - these should completely replace the information contained in the Cape Pembroke registers.

It is therefore proposed that the Lighthouse should cease to make 4-hourly observations from Jan. 1st. 1948 and should take, instead, one observation of sea temperature at 1200 GMT daily with six hourly observations of sea and swell.

7. The Lighthouse staff will agree to undertake the work in paras. 2 and 6 for the sum of £15 per annum (fee based on H.Q.'s letter A 879737/46, dated 4th. March).

The staff are, however, unwilling to continue the weather diary beyond August 31st. this year, unless they receive an assurance that the 4 hourly observations may lapse from January 1st. 1948.

(Their insistence on any early decision is obviously due to the fact that payment was apparently promised for work of this kind done during the year for Naval Meteorological Branch, but was never received).

8. Would H.Q., therefore, please signal before the end of August whether the £15 per annum may be paid for the above work and also whether the 4 hourly observations may cease on January 1st. 1948.

47 in 0108/p
9. The Falkland Islands Government state that, in the event of the proposals on Finance and Administration made on page 26 of FLK 10/47/59 coming into force, they would bear the cost of the above payment to the Lighthouse staff

G. A. Howlands
Meteorological Officer.

Meteorological Office,
Stanley,
Falkland Islands.

16th. July, 1947.

The Re-organisation of the Falklands Outstations.

22. in 0008/3
1. The General re-organisation of the Meteorological Service is dealt with in FLK 10/47/59 dated 15th. May, 1947.

32 in 0008/10
2. The following proposals deal only with the existing outstations and it is recommended that these be made into efficient synoptic reporting and climatological stations (Ref. P 11 of FLK 10/47/59).

3. At present they are all very poorly equipped with instruments and observers are, as yet, only partly trained.

No records of observations are kept at the stations and no climatological returns are made.

4. 1200 GMT synoptic reports are received daily from all stations and are used for forecasting purposes only. The standard of reporting varies considerably from station to station.

A selection of outstation reports should be included in the Falkland Islands Collective Message - FICOL, but the general standard of reporting must first of all be improved. It should also be possible to arrange for two of the stations (Pebble and Fox Bay) to send in 1800 GMT reports on alternate days.

Not recorded
5. All five stations could become type 3 climatological stations, submitting regular returns on Form 3203 (Ref. FLK 7/49/97 dated 9.7.47).

6. Instruments are the first requirement. Establishment lists have been made up which should enable the stations to function in the two ways proposed above.

The equipment for Carcass Island, New Island and Darwin is kept down to the minimum. Station barometers are not included because pressures can probably be read with sufficient accuracy from the open scale barographs which are essential for the accurate reporting of tendency.

Fox Bay and Pebble Island, which will be making rather more synoptic reports, should be better equipped. Standard barometers and recording instruments are included in the lists for these stations.

Not recorded
7. Much of the equipment required, is already held in Stanley or is on order (Ref. FLK 4/47/11 dated 5th. December 1946 and FLK 4/47/20 dated 20th. June 1947 and para. 5 of FLK 4/47/90 dated 24th. June).

The extra items required are requested on the accompanying forms 600.

8. The Meteorological Officer will need to be absent from Stanley for some considerable time to set up this equipment and to give a certain amount of training to the observers.

4 in 0008/15
The opportunity to do this will depend largely on the early recruitment of a suitable assistant for the R/Sonde Section in Stanley (Ref. FLK 2/47/35 dated 9.7.47).

9. Payments made to the observers would be adjusted to conform to the rates laid down in H.Q.'s letter

On this basis the payments would be:-

Fox Bay and Pebble Island	-	£21 each per annum.
Carcass Island, New Island and Darwin	-	£15 each per annum.

47 in
0008/10

10. The Falkland Islands Government state that, in the event of the proposals on Finance and Administration made on page 26 of FLK 10/47/59 dated 15th. May coming into force, they would bear the cost of the out-stations on the revised basis indicated above.

11. The question of W/T and R/T communications with the camp stations will be dealt with in a later report on communications which will accompany the next report of work.

C. A. Howarth

Meteorological Officer.

The Director,
Meteorological Office MO 13.,
Air Ministry,
Kingsway,
London, W.C.2.

PROPOSED ESTABLISHMENT OF INSTRUMENTS FOR FALKLANDS OUTSTATIONS.

<u>Description.</u>	Fitzroy	Lighthouse	Fox Bay	Pebble Island	Carcass Island	New Island	Darwin	Spares	TOTAL	Available or already ordered	Required to complete proposed establishment
Anemometer cup generating.			1	1	1	1	1	1	6	6	-
Barograph O/Scale.			1	1	1	1	1	1	6	2	4
Barograph, small.	1	1/4						1	2	3	-
Bar., station.		1/4	2	2				1	5	5	-
Hydrograph.			2	2				1	5	3	2
Rain measures.		2	2	2	2	2	2	2	14	22	-
Rain gauges.		1	1	1	1	1	1	1	7	13	-
Stevenson screen ord.		1/4		2	1	1	1		5	5	-
Stevenson screen large.			1						1	1	-
Screen, shipboard.											
Sunshine Recorder.			1	1					2	0	2
Thermograph bi metallic			2	2				1	5	2	3
Thermometers earth.											
" 4"											
" 8"											
" Syncons.											
" Ordinary.	4	4	1+6/4	4	4	4	4	4	28	22	6
" Maximum.		2/4	2	2	2	2	2	2	12	15	-
" Minimum.		2/4	2	2	2	2	2	2	12	10	2
" Grass Min.			2	2	2	2	2	2	12	13	-
Vanes Mk 2.			1	1	1	1	1	1	6	6	-
Masts, *			1	1	1	1	1	0	5	3	2
Protector, sea.	1	1							2	3	

NOTES:

(1) Instruments marked / are held by Cape Pembroke and were issued direct from MO 4.

(2) Masts(*) can be made in Stanley.

SAVING TELEGRAM.

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

To: The Secretary of State for the Colonies.

Date: 6th August, 1947.

No. ⁵⁷
~~56~~

SAVING.

23.

Your saving telegram No. 47 of 30th May, 1947. Meteorological Service.

Capo Pembroke was inadvertently excluded from 1945 (not 1947) Estimates; others named in your saving telegram are correct except that for "Hope Island" should be read "Fox Bay". The total figure of six stations is correct.

2. Air Ministry have taken over payment of all six observers for 1947 and Meteorological Officer is arranging payment direct to them from advance account. This obviates necessity for opening separate Government account in respect of meteorological service for annual reimbursement by Air Ministry.

GOVERNOR.



Monte Video

Aug 21st 1947

The Hon. Colonial Secretary

Sir

I have to inform you

that owing to a delicate state of health
my wife will no longer be able to send
the weather reports from Leucars Island.

We both very much regret
giving up this interesting work

Yours faithfully
Jensen Hansen

See 6

~~MT 10/11/47~~

Reply at 43

Copies to Met. Office (2).

43

22nd September, 47.

Sir,

33 I am directed by the Governor to refer to your letter of the 21st of August, 1947, and to say that His Excellency has learned with regret that Mrs. Hansen's state of health is such that she will be unable to continue the transmission of the meteorological reports from Carcass Island.

2. I am to ask you to be good enough to convey to her His Excellency's appreciation and thanks for her work in the past, which has been of great service to Government.

I am,

Sir,

Your obedient servant,

(Sgd.) A. B. MATHEWS

Colonial Secretary.

Tason Hansen, Esq., J.P.,
C/o. Messrs. Maclean & Stapledon,
Casilla de Correo, 193,
MONTEVIDEO.