

C.S.

Secret

UTI/POW/1#23

1940

No.

S/9/40

33/144

Secretary of State

SUBJECT.

1940

3rd March.

Previous Paper.

✓

High Frequency and Direction Finding Wireless Station for Naval purposes in the Falkland Islands.

SUPPLY OF ELECTRIC POWER.

see file 66/35

MINUTES.

1. Secret Telegram No 19 from S. of S.

Supt. Telegraphs.

H. the Governor wishes you to furnish a full report on the proposals. The report should be sent in with this file tomorrow the 6th instant. Open file 66/35 attached.

MCH

C.S.

5.3.40

Hon Col Sec.

2.

My report is submitted on a separate sheet please

RM.

Sup Ent

6.3.40.

Subsequent Paper.

Report submitted.

MCH

C.S.
6.3.40

H.C.

Please ask Supervisor to confirm that he has found a suitable site and the Ex. E. that he could erect the hut 10 ft sq. and the quarters for five operators for say £350^{£450} - The quarters to be complete with drainage provision for water supply (? roof and tanks) etc. etc.

9/3/40

[Handwritten signature]

P.1. The civilian shore wireless service referred to in the telegram would be staff for the U.K. - the Admiralty maintain this service at all bases

Note from Supervisor regarding Site sent to H.C. the Governor.
MCH
et.

Ex. Engineer.

H.C. minute referred for reply please.

MCH
et.
9.5.40

Honorable Colonial Secretary.

I have conferred with the Superintendent E. & T. on the matter & confirm my estimate of £400 for the ~~undermentioned~~ buildings for this Service. This price is based on the site to the west of Canopus & includes ^{aerial} poles.

Accommodation allowed.

Common Room	Water Supply tanks from roof.
Sleeping Room 4 or 5	Drainage from Sink & bath etc.
Room for Oil.	Earth Closet Sanitation.
Kitchen & Larder	
mit Cooks Bunk	
Ablution Room & f.c.	
+ Duty Room (referred to in rd ① 10x10)	

W.S. #. 11. 3. 40

Jr.

Submitted.

W.S.
11. 3. 40

Letter 2 R.A.S.A.D. of 11/3/40 (3)

H.C. Please pass to Superior
to see (3) for action as requested

~~W.S.~~ 11/3/40

Sup. E. and J.
Accordingly please

W.S.
11. 3. 40

Hon C.S.

Red. ③ noted. Action will be taken
on Para 3 and 4.

A.M.
Sup E & J
12. 3. 40

- 4. Minute from Sup. Ex. S., of 9/3/40.
- 5. Letter from Rear Admiral, S.A.D. 12.3.40
- 6. Minute from Sup. Telegraphs.

YH.

Submitted. The suggested site is on the hill at the back of Stanley.

West

19.3.40

Tel to S/C out way

Will 20/3/40

(7)

Telegram to S. of S. 37 Secret
df 20 March

(8)

Tel n. 30 Secret from YH
df 27-3.40

H.C.

Please refer to Supervisor for any observations. Presumably he can confirm that power will be available for charging batteries. In addition to the information he gives I would like to refer the S/C to correspondence with the C.A. They must have complete information regarding the

~~power~~
electric lighting installation.

2. I propose to inform 1st that
quarters are not available and though
the staff might find accommodation
in Stanley it would be a great deal
more satisfactory to erect quarters

3. Can the Supervisor give an
approximate estimate of putting
the building or buildings on the
town lighting and telephone service.
Could the quarters be connected
with the town water supply or
would they be too high

~~ttttt~~ 20/3/40

I wish the information
required from Supervisor to be
in my hands before 1 o'clock.
Answer Friday

~~ttttt~~

Supr. Electrical and Telegraphs.

For early action please
on the information required
by 1st. This should be
returned here before 1 p.m.
tomorrow, Friday.

MEN
cl

28.3.40

Hon. Secy.

Electric power can be made available on provisional site. Voltage A.C. 220, single phase 50 cycle.

2. Estimated cost of connecting building or two buildings with town electric supply and telephone exchange.

Electric Cables.	£45.
Telephone cable.	£20
Wiring supplies.	£8

Labour for laying cables in trench & wiring 2 buildings. Six men, 14 working days. Say £40.

3. Is the necessary underground cable to be ordered please? We have not sufficient on hand for this work and the requirements should be telegraphed for approval to purchase is given.

4. The S/S. might be asked to furnish information showing what current will be required from electric mains for battery charging, so that the cable ordered will be well within the power rating of station requirements.

5. Water supply may be sufficiently high but can the Ex Engineer be approached for reliable information please.

R.H.
 Sup Engr
 29. 3/40

9. Telegram from S. of S. No. 38 of 29/3/40.

Submitted

the H

24. 5. 40

S. of S. Telegram, No. 444 of 8 May, 1940. 10.

E.S.

Please refer to (10).

AD 10/1/40

Honourable Colonial Secretary.

Length required 500 yds. of each of

(1) Electric light cable 2 x .0225 sq. in Imp. P.I.L.C

Double paper lapped joint second D.S.T.A. double joint
second cable 660 volt (Sector Slated Condns.)

as Indent no. 22/40 of 4.4.40. Item 5

(2) Telephone cable 1 pair / .029 enamelled cop. D.C.C.
Alloy sheathed single wire armour &
second cable.

as Indent No 22/40 of 4.4.40. Item 4.

1. C.E.C. on meters

2. Simms. do "

The above information by courtesy of S.E. & T.

W.S. E. 13. v. 40.

J.E.

Telegram replying to (10) submitted:

"Chapelier

" Your telegram 44 second 500 yards electric light cable

" as per ^{C.A.} Indent no 22/40 of 4th April ~~no~~ Item 5;

" 500 yards telephone cable Item 4 stop meter first

" General Electric Co second Simms "

Gordon

AD 13/1/40

11. Telegram to S. of S. no. 5/4 of 14/5/40.
 12-13. Letter from N.O.I., 2 June 1940.

S.E.+T.

What do these requirements mean in terms of labour & other costs?

AD 4/11/40

Hon. C.S.

If continuous power is required from Govt. Elec Supply the cost to Govt will be as follows.

Gas oil	16 hrs a day at 2.5 Gals. per hour.	48 Gals a day.
Diesel oil	8 hrs a day at 4 Gals per hour	32 Gals a day.
Lubricating oil	24 hours a day.	3.5 Gals a day.
Paraffin	.25 Gallon a day.	
Petrol.	1 Gallon per week.	
Gas oil	= 1/5 per Gallon + is per day	£3. 8. -
Diesel oil	= 10 ^d " " " " "	1. 6. 8
Lubricating oil	= 4/ " " " " "	14 -
Paraffin	= 2/ " " " " "	6
Petrol	= 2/ " " " " "	4
∴ Cost of Fuel and oil for 24 hours =		<u>£5 - 9 - 6</u>

Additional labour, would have to include 2. engine & switchboard attendants at say £12 per month each. Also it may be found necessary to have an engine room boy, for General Cleaning room & machines, at say £4 per month.

2. From previous correspondence contained herein a continuous power supply from our AC. supply is not essential. Although it may be required during hours of darkness. Please see Led ⑧

S.E.+T.

What I really wanted to know was the additional costs to.

AD 7/11/40

A.M.
S.E.+T.
 5/11/40

Hon Cal Sec.

Additional cost including wages for one man and boy, assuming that Apprentice Fuhlendorf would work as an engine assistant would be £1698 per year.

A.M.
Sup. Govt
11. VI. 40

N.O. / Please note cost? ?

AD 12/1/40

H.C.S. The cost would appear to preclude this method. I am submitting alternative proposals to R.A.S.A.D.
R.S.H. 17.6.40.

S. of S. despatch Secret of 9/6/40. 14-17.

Letter from Naval Officer-in-Charge of 24.9.40. 18-21.

Y.E. The N.O. saw me in connection with this on 23/9. It seems that the telegram (7) does not make it clear that the lighting ceased at mid-night, but informed rather at dawn. He suggested the P. of S. be now to inform from (21) you take notice that this file does not contain any copy of Warrant Telegraphist's alternative proposal.

Actually my office appears to be without any information as to the "four at night" of this matter, nor is there any information as to what has been or is being done. Have you any correspondence on file? I see that on (9) that there is a note in pencil which might indicate to AD 24/10/30

I have no information regarding the proposal other than that is contained herein and a copy of the N.O.C. message to R.A.S.A.D. of 10. June with enclosure put 22-24 up and may be filed herein.

I supposed that (8) settled interruption period particularly as the power is on for 3 hours of day light. The exact position could if necessary be telegraphed adding that if essential power could be supplied for 12 - hours at an additional cost of about £25 a month. 25/9

A.C.S.

See S.E.T. & find out if £25 p.m. is enough.
Then draft telegram *AD* 25/12/40

Supr. C. & T.

Will you please say. also give normal services supply is at present available?

J.F.
C. for C.S. 26/9/40

Hon'ble Sec.

Cost of fuel for this service would average £29 per month for one year. on the assumption that lights would be required for 5 hours in summer and 8 hours in winter

Additional staff for running the plant would have to be considered.

Present hours of service are.

- 9 am - noon.
- 1 pm - 1.30 - news reception.
- 6 pm - midnight

AM.
S.E.T.
30/9/40

S.E.T.

Does the £29 p.m. include the extra staff? If not how many would be required & what would their salaries amount to per month?

AD 2/12/40

Hon'ble Sec.

£29 is fuel cost.

one man would be needed at estimated cost of say £11 per month.

AM.
S.E.T.
6.10.40

N.O.

The cost works out at about £40 p. month. - is that of any use to you?

AD 8/12/40

~~25~~ Letter from N.O.i/c dated 15/10/40 Ref. V. 2/16. 25

H.C.S.

Red (25) Submitted.

2/11 For N.O.i/c.
16-x-40.

Y/E. May telegram in sense of the attached drop be despatched please in I.D.C.B.?

A.J.G.
17/10/40.

Tel. despatched 15/x

~~18/x~~
Telegram No. 106 to S. of S. of 15/10/40.

(26)

" from S. of S. to 98 of 10/11/40.

27

N.O.i/c

Please see (27) & arrange with E.E. - no need to refer to me until your decision is reached.

13/11/40

E.E. Passed to you for information. Suggest we have a consultation with Mrs Holloway as to requirements.

Phy

13. 11. 40

N.O.i/c.

Following consultation with you & Mrs Holloway I have now prepared Scheme to give amended accommodation on new site & estimate cost at £700. In view of new design & location I would point out that there is a very definite possibility, if not certainty that the building would be bought locally at the end of the War or when administratively no longer require it, the Colonial Secretary concurs in this view.

Early instructions are requested in view labour difficulties.

28. H.C.S. Concurs in above. Have informed Admiralty that I have approved of estimate & accepted confirmation.

18. 11. 40

Phy 18. 11. 40

19/11/40

29-31.

32-34

35-36.

See 124/36

Note by E. E., with draft lease 17/8/40.
S. of S. Secret despatch of 17/10/40.
Minute from Naval Officer-in-Charge of 24.1.41.
R.C.S.

The letter (35) with has to be
on an open file (copy only) which
deals with Building plan in
Building Office for their guidance.
+ the E. E. with has to make
a plan of present site.

AD 27/1/41

Extract from Minute received from the Supervisor,
Electrical & Telegraphs Department of 27.1.41.
Original in M.P. 158/39.

.....
Estimated cost of this material

No. 14 Wire	£79.	0.	0.
Double Wire	9.	10.	0.

Total cost estimated	£88.	10.	0.
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Am I correct in assuming that the cost of this
material used for Admiralty D.M. Station is to be
recovered from the Admiralty please ?

(Sgd.) A. Mercer,
Sup. E. & T.
27. 1. 41.

Supr. E & T.

Yes; the cost should be charged as
an advance against the Admiralty.

O. J. L.
29/1/41

Hon Col Sec,

noted. Thank you

AM.
JEST 30/1/41

Minute from Sup. Ex. I., of 29.1.41.

(37)

Supr. Ex. T.

You should apply for an advance warrant to cover all such charges in this connection.

A. J. G. J. S.
30/1/41

Hon. Col. Sec.

For your information I submit that an advance warrant for the sum of £250 will be required for works and materials in connection with the Admiralty H.F. D.F. Station. Particulars of expenditures are as follows.

Digging and laying E.L. cables.	£	100	0	0
Cost of 50 yards Power Cable		7	3	6
10,000 yds No 14 Copper wire for private telephone line D.F. line to Cypher office thence to W.T. Station.	79	0	0	
Freight on wire	10	0	0	
150 Telephone Insulators	3	15	0	
150 Telephone Insulator pins nuts washers.	5	0	0	
80 Cross arms 3" x 3" x 4" x 6"	5	12	6	
Labour for erection of private line	25	0	0	
unforeseen	15	0	0	

Advance warrant in duplicate submitted for approval please

A. J. G. J. S.
S.E.T.
3/2/41

F. E.

H.C. would like to know particulars, & of total expenditure to date on this work and would also like to discuss the matter with you.

A. J. G. J. S.
10/2/41

E. E.

On the strict understanding that this Ad. is
is for the quarters & quarters only I sign it.

If anything else is required, you
must obtain the written authority either from
me or the N.O. 1/1.

[Signature] 11/3/41

Honourable Colonial Secretary.

His Excellency's instructions noted.

[Signature] 10. 11. 41.

Non Sd.

to note.

[Signature]
11/8/41

Honour.

noted, & A.W. withdrawn.

[Signature]
14/8/41

E. E.

with reference to Rea (30) can you
now supply particulars please for
inclusion in lease?

[Signature]
17/8/41

38. Minute from Supervisor, C. & S., of 13/8/41.

39. " to Naval Officer-in-Charge of 14/8/41

40. " from " " " " " 15/8/41.

Supt. E. & T.

to note and for your recommendations
and necessary action please.

[Signature]
15/8/41.

Hon Collec.

The charge of £500 p.a. for supplying light and power to the H.F. DF Station was arrived at for the following reasons.

Apart from lighting of Station & Residence a 2 KW electric heater is in use at the Station and other heaters will be employed in the Residence. A battery charging unit is also to be used from the power line.

The normal rate per unit is 9d. for the first 200 units used in each year ending 31st December.

The total period over which power will be required is some 18 hours a day at three K.W. per hour, depending upon what the Residence requires, this may be higher - making approximately 19700 units a year, which is 19510 units at 6d plus 200 units at 9d. making a total of £495-5-0.

I estimate the cost to the Government to be £500 p.a. to cover cost of additional engine attendants, fuel and oil for machines.

A.M.

S.E.T

21. 8. 41

Supr. C.S.T.

Will you please advise as to the query raised in the last paragraph of Red 40.

A. J. P.
22/8/41

Hon Collec.

Referring to para 3 Red 40, apart from my statement above on this subject, I fail to see how, since the station is not in full operation, a detailed account can be compiled, however from previous correspondence it seems that power will be required for about 7½ hours additional to the present service.

∴ Gas oil 1.5 gals per hour for 7.5 hours @ 1/5 a gal. £290. 17. 2½

Lubricating oil @ 3/6 per Gal. @ 4 gals per month 8 8 0

Engine men for running and control of plant 250 0 0

making an estimated cost of £549. 5. 2½ per year.

I estimate that the Public will use current during this period amounting to £75. during a year.

The average number of hours will be higher than 7½ I think because normally the plant would not be running on Sundays or holidays during the day.

A.M.

S.E.T 23/8/41

41. Minute from Sup. E. & T. of 22/8/41.

N.O. /c.

to see E. & T.'s minutes of 21st & 23rd August.

C. J. P.
25/8/41.

H.C.S. noted. It is proposed to make a final decision on this matter as a whole, as soon as further trials as to adequacy of power supply have been made.

RBH No /c.
26.8.41

Supr. E. & T.

to see.

C. J. P.
27/8/41.

Hon Cal Sec

Seen. I understand that the voltage drop between Power House + the D.F. site is too great for the equipment. An alteration is being made in our feeders on the main line, which should be completed Thursday. weather being favourable.

42. Minute from N.O. /c of 2/9/41.

RM
S E T
27/8/41

Hon Cal Sec

I estimate cost to Govt for 24 hour electric light service including employment of 2 additional engineers and 1 engine boy to be £1698 p.a.

Referring to led 42. para 2. cost estimated at Admiralty requirements average 12 hours daily. for £800 (eight hundred pounds) per year.

RM

S E T

3/9/41

See year.

Ref para 1. Led 42. It is not possible to supply power for 24 hours daily on 5th Sept 1941.

Power can be available in accordance with Red (23) commencing 10am Wednesday 10th September 1941. Period being increased as soon as the additional staff are able to attend to machines and switchboards, on say 24th Sept 1941.

R.M.
S.E.T.
4/9/41

N.O. id.

To note.

R.J.
A. Fred.
4/9/41

H.C.S.

Noted. It is requested that power may be made available during the period from 10th until as for mid May to mid August (Red 25) pending establishment of 24 hour service.
R.M. U.S. Chgo of Doo p.a. provisionally approved.

Sept. 6. & 7.

To note. You can proceed with the engagement of the additional engineers.

R.J.
A. Fred.
5/9/41

Hon Colbee,

noted, Thank you.

The power plant will begin the extended service tomorrow 10th Sept.

It is not possible to comply with No 1's request at present, because of inexperienced new staff, but the power will be available at the following times, daily, 10 am until 12.30 pm, 4.30 pm until 7 am, making 17 hours daily.

R.M.
S.E.T.
9/9/41

N.O. 1/c

To note.

R.J.
A. Fred.
9/9/41

H.C.S. Noted with thanks. As there is very great urgency it is hoped that the delay in providing the full 24 hour service will be made as short as possible.

R.M. 10.9.41

Supr. C. & T.

to note.

A. J. J.
10/9/41.

Hon. C.S.:

noted. The delay will not be longer than is absolutely necessary for inquiry staff to meet the 24 hour service.

A.M.

S.E.T.
10/9/41

E.E.,

not returned to you in connection with preparation of details for lease.

A. J. J.
11/9/41.

43. Minute from Naval Officer-in Charge of 23.1.42.

Supr. C & T.

For your recommendations please.

A. J. J.
24/1/42

Hon. Col. Sec.

The figure of £800 has been found to be high compared with units consumed by all the Admiralty services now receiving light. The fees received from the Public showed a considerable increase above the estimate of £75. Revenue received for 1941 under S.E. Light excluding the grant for Govt buildings of £600, amounted to £1389 compared with the estimate of £1000.

As the 24 hour service has shown that considerably more electricity is being used by the General Public and paid for by meters installed, I submit that it is not reasonable to expect £800 to be paid by one party for electricity being supplied to that party and the

Recalled
20/1/42.

27/7/41 - 31/12/41.	units.
D.F. Station	4145
30/9/41 -	
31/12/41	
Naval Offices, etc.	1,380
<u>Units</u>	<u>5,525</u>

the
General Public.

Having taken into account the additional staff, & fuel necessary for the 24 hours service together with the response from the Public in the form of additional consumption and hence increased revenue. I submit that the Admiralty services as they are, be supplied with electricity at £550. per annum. and not at £800 as previously estimated by me on 4/9/41.

AM.
D.E. + 1
21/1/42.

X/E. Red 43 submitted with Supr. E. & T. comments. There does not seem to be any reason for not adopting the recommendation of the Supr. E. & T.

AM.
21/1/42.

This Govt. has no drive to make money out of the R.N. - all it wants is that it shall not be out of pocket. To be certain of this a small over-charge on the costs is obviously necessary. With these principles in view, the cost to Admty may be adjusted. Comd. Treasurer, & E. & T. & the act.

AM. 27/1/42

Hon. J.
Supr. E. & T.

Referred to you.

AM.
27/1/42.

Hon. Col. Sec.

after consultation with Mr. Meera, the charge of £550. for all light and power requirements of the Admiralty, as proposed, appears to be a fair one, and should be acceptable by the Admiralty authorities. If however, this with object to the proposed new department, the only alternative would appear to supply all power light, & meter, at a flat

Inside Minute Paper.

rate of six pence per unit. (6²)
The proposed charge of 6500. includes
the necessary cover for overhead
charges, etc.

RB
for S. 28/1/42

- 44. Minute to Naval Officer - in charge of 28/1/42
- 45-46. Minute from 11/9/42.
- 47. Minute to Sup. E. & T. of 12. 9. 42.

JN.

(48)

Y.F. Note advises that this H7D7 station
has now closed down. The draft para
(30) was apparently not completed or
signed. In any case the Navy have
the use of the Quarters until the end
of the war. It may well be used
as quarters for the Met. Office & subsequently
for the Civilian Met. Office.

2. The land along Surt Bay Rd. in that
area can now be made available
for building.

RB
8/6/45

(49).

Ex. Eng There is sure to be a demand
for building sites in this area. It would
be a good idea to do some "planning".
Would you in consultation with S. H. T.
regarding eight telephone substations
at the same proposals please.

RB 9-6-45.

(50)
Honorable Colonial Secretary.

I attach blue print of a layout of this area in so far as "domestic" buildings are concerned. Please see also M.P. 36/45 for the problems of drainage etc.

M. F. 4. 11. 45

Further adv on 9.4/45. ⁽⁵¹⁾ of Plan Transferred Sheets.

JB
5/9/45 - p.a.

Letter from Naval Officer-in-Charge of 3.11.45 52.

S. E. T.

(52^a)

For your comments on (52), pl.

JB
6/11/45.

Hon. C.S.

(53)

Red (52) seen. The NOIC spoke to me about these Naval Dept using considerably less electricity and said he was applying for reduced rates.

Firstly it is as well to produce facts. The original ~~estimate~~ was that the H.F./D.F. station would require electric heating at 2500 watts per hour, and the battery charging unit plus 1 light would consume 200 watts. The D.F. living quarters were assumed to use light only, and this was estimated at 500 watts making the total 3200 watts. The figure originally estimated was £800 per year but while a decision was awaited it was pointed out that our fuel costs were some £19 per ton purchased from the FIC, and £800 was considered as being the cost of providing the H.F./D.F. station and residence with electricity for 24 hours a day. This figure was ultimately reduced to £550 because of revenue being collected from the General Public during the extended service, also because the Admiralty allowed us to buy from their stock, diesel fuel oil which cost us only about £9 per ton.

2; The control station was built shortly afterwards and the NOIC asked whether the Govt would supply electricity for lights in the station. We agreed to connect the Control by cable but asked the Admiralty whether they were sure only lights would be needed. I wanted to know so that a more suitable capacity cable could be laid. I suggested main's receiver automatic sending, receiving gear and perhaps heater points. but was informed that only lights would be needed and these only in an emergency when their own lighting plant may fail. The instructions were so explicit that a cable for lights only was laid.

3; The Hon Secretary then required lights, as emergency light only, while workers were being cleaned.

HF/DF
 Actually the ~~control~~ station used £433 worth of current a year. The living quarters were using electric heaters for which the building was not wired £50.

The control station in spite of all the arrangements installed main receivers automatic sending & receiving gear and one on his heaters; !, The value of current for the control was £331 per year. (metered)

The lamp sockets using electricity for the whole time alongside the petty, also metered, was £352 per year.

The Church House used £80 worth a year while the M.C. office which included heaters used £100 of current a year.

The Naval stores used £5.

The value to Govt at 6^d a unit was £1351.

4. The question now arises to revise the figure of £550. For the last quarter the control station used 3815 units which at 6^d = £95-7-6., Church House used 1232 units = £30-16-0. These figures alone amount to £504-14-0. for a year.

5. We have not been able to purchase diesel fuel oil from the Admiralty now for over one year, and as a result we are buying our oil requirements through the FIC at £19 per ton of 220 gallons. I consider the figure of £550 was nothing more or less than a special concession, and was nowhere near a reasonable price for current consumption.

6. If it is agreed that the Govt should supply the control with free light the remaining Admiralty Dept. should in my opinion pay by meter at 6^d per unit, but, the control question will depend upon whether the Govt are intending to have their own station. The original agreement was made by the Admiralty I think.

R.H.J.

P.E.T.

8. Nov. 1945.

(54)

4/6.
 pt. S.C.T.'s observations on red (52) submitted

J.H.G.
 9/11/45.

55. Minute to Naval Officer-in-Charge of 14. 11. 48

(56)

S.E.T. To note red (55) pl.

A.H.G. 14/11/45

(57)

Nav C.S.

Red (55) noted. Thank you

A.H.G.

DE:1

15. 11. 45

100

Letter from Naval Officer-in-Charge of 17. 11. 45

58.

(59)

S.E.T. (58) seen by H.G. Will you please let me have a statement, in duplicate, setting out the information asked for by H.O. i/c.

A.H.G. 21/11/45

Nav C.S.

(60)

Statement enclosed ple.

61^A

Jim for S.E.T. 28/11/45

Letter from Naval Officer-in-Charge of 27.11.45 61

Minute to " " " " of 5.12.45 62.

(63)

Memo. from H.O. i/c of 24/6/46 63

Minute to " " " " 27/6/46 64.

64

S.E.T.

(Red 63) with (Red 57 - 55 - which does not appear to have been dealt with by N.O.I.C. -) for any remarks you may care to make, please

2. The only fresh consideration of which

I am aware is that the 'Searesby' has gone. Then as, of course, certain other changes impending, which I mentioned to you in a general way.

3. (Red 63) makes no mention of rates. Perhaps you would find out exactly what N.O.I.C. wants. Your (53) mentioned 6/- per unit. Do you object to metering the Supply, or are the Navy paying too much now?

A.B.L.
28.6.46

(65)

Hon C.S.

Red 63 with Reds 52-55 seen.

On sheet No 10 and 11 my reply to Red 52 shows why the rate in the first place was £550 p.a.

2; I have no objection to Naval establishments being metered. The first 200 units on each meter being at 9d per unit each unit after being at 6d per unit. per year ending 31st Dec.

3; The N.O.I.C. maintains that when Navy were paying £550 in the first years of war, current was being used by Naval offices in Stanley, The Met offices. The Control Station, The Naval Store sheds. The HF/DF Station and Residence, The vessels Searesby & Afterglow. Since last June however the Navy dispensed with the HF/DF Station, the ships Afterglow and Searesby and one store shed.

The N.O.I.C. also maintains that the Control Station should have free light in view of the fact that it is used for commercial telegraph services from which this Govt. receives Revenue. From the above it is assumed that if metered the electricity will be cheaper than £550 p.a.

A.M.
DEPT
1/7/46

.....
Minute to Naval O/c. of 5. 7. 46
(Copy to A., E. & T.)

66

10
A
OK
6.7.46

DECODE.

TELEGRAM.

No. 22 From Secretary of State, London,
To His Excellency The Governor, Falkland Islands.

Despatched: 3rd March 19 40 Time: 04.35.

Received: 19 Time:

No. 19 Secret. Admiralty state that H/F ~~DZ~~ D/F Station urgently required in ~~F.I.~~ Falkland Islands for naval purposes. They propose station should be erected entirely by Marconis including final selection of site, arrangements for power and direct telephone communication with existing wireless station. Station would be manned by personnel of civilian shore wireless service and equipped with Marconi D.F.G. 12 set.

Site facilities required include flat level site not below level of surrounding terrain with surroundings unobstructed by metallic objects such as iron buildings, wire fences, power and telephone lines, etc. within radius of at least 200 yards. In addition the earth should be of good conductivity without rocky strata to the depth of at least six feet. Hut approximately 10 feet square with 4 30-foot self-supporting masts all parts erected in centre of site and unless accomadation ~~for~~ could be provided within easy approach for five operators ~~living~~ accomadation has to be erected.

Please report by telegraph whether you see any objection. If suitable site on Crown Land is available Admiralty hope that arrangements can be made for it to be placed at their disposal. If this is not possible or suitable site is privately owned ~~Admiralty~~ Admiralty would be willing to lease or purchase as may be necessary. Admiralty desire information whethersuitable electric power supply from mains is available and if so to be furnished with full details thereof and also with the estimated cost of providing quarters for five single men if this should be necessary.

I.D.

C.S.O. No..... 5/9/40

Inside Minute Paper.

Sheet No.....

Hon Col Sec.

The erection by Messrs Marconi of a H.F/D.F. Station for Naval purposes has been noted, and I assume that the Civilian shore wireless service will mean the Colonial Govt W/T Staff.

2. A provisional site can be selected to meet the requirements of a D.F. station.

3. I consider it will be necessary for telephone wire, insulators, bolts, poles, polearms, underground cable and telephone instruments to be supplied for this station. The quantities will depend upon the final site chosen by the Marconi Engineer. Estimated requirements for a twin wire telephone circuit direct coupled to the existing W/T Station can be submitted, if required, after a provisional site has been located.

4. Stanley power supply would not be available between midnight and sunset therefore, the station would require its own electric supply for power and lighting..

5. As the local staff will be required to man the station, could the accommodation be provided as estimated for in M.P. 66/35 in connection with the proposed new commercial station ?

6. The establishment of this special station together with the removal of the local staff from the existing station will, I trust, not prevent the Col Govt from carrying out their original intention to operate their own commercial station should circumstances make such an action desirable.

A. Mueser
Sup. E & T.
6.3.40

SECRET.

Government House,
Stanley.

11th March, 1940.

Sir,

I have the honour to transmit to you a copy of a telegram received by me from the Secretary of State for the Colonies on the subject of a proposal by the Admiralty to erect a D/F D/F station in the Falkland Islands.

2. I enclose also a minute from the Supervisor of the Electrical Department on the subject of a suitable site for the station.

3. I do not regard the site suggested as satisfactory as any building there would blanket the fire of the Canopus gun. It appears desirable also that the station should be closer to Stanley in order to facilitate shore communications.

4. I will be grateful if your wireless staff will assist the Supervisor in search of a more suitable site. The question of the cost of telephonic

Rear Admiral

Sir Henry Harwood, K.C.B., R.N.,
H.M.S. Hawkins.

communication might be examined at the same time.

5. I may add that the Executive Engineer, Public Works Department, estimates that a hut for the apparatus and quarters for the staff could be erected by the Colonial Government for a sum not exceeding \$500. The site if on Crown Land would be provided by the Colony without charge to the Admiralty.

I have the honour to be,

Sir,

Your most obedient servant,

(Sgd.) H. Henniker Heaton.

No.

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

MINUTE.

In file

(F)

9th March 19 40

From Supervisor E & T

To Hon Colonial Secretary

Stanley.

Stanley, Falkland Islands.

Referring to M.P. 66/35 and the Secret M.P. 9/40 ? concerning H.F. D/F. equipment, I beg to say that as far as the short notice allowed I submit that the best position I have been able to see is in the vicinity of Canopus Hut gun. Actually some 300 yards to the west. Telephone communication however will be an expensive consideration.

A. Munn
Supt E & T.
9.3.40

Submitted.
MCH
CS.
9.5.40

5

SECRET

H.M.S. "Hawkins",

12th March, 1940.

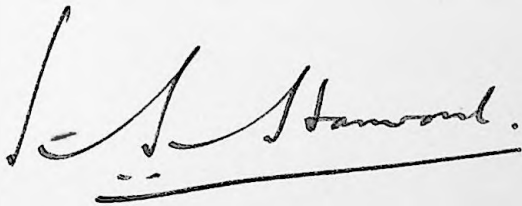
No.0312A.

Your Excellency,

I have the honour to acknowledge receipt of your Secret letter of 11th March 1940 regarding the proposed H/F D/F Station in the Falkland Islands.

2.- I have instructed the Naval Officer in charge to arrange for the Warrant Telegraphist to investigate the most suitable site in conjunction with the Colonial Government's representative. Commander Martin will submit his report direct to Your Excellency.

I have the honour to be,
Your Excellency's obedient servant,



REAR ADMIRAL.

His Excellency the Governor,
Falkland Islands.

6

No.

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

MINUTE.

19th March 1940

From Supervisor E & T

To Hon. Colonial Secretary

Stanley.

Stanley, Falkland Islands.

With reference to S. 9/40 on the subject of a suitable site for the erection of a H.F. D/T Station for the Admiralty, by Messrs Marconi, I have to report that Mr Holloway, the Warrant Officer at the Stanley W/T Station, and myself, have today surveyed several parts of the Common and, we have agreed that a suitable provisional site could be selected to the south of the east end of Davis Street.

This locality would facilitate the telephone service, electric light could be supplied from the Govt mains if required, and perhaps accommodation for the staff could be provided in Stanley.

AKK
Sup E & T.

19.3.40

DECODE.

TELEGRAM. SENT.

1

From.....His Excellency the Governor, Falkland Islands,

To Secretary of State, London.

Despatched : 20th March 19 40 Time :

Received : 19 Time :

No. 37 Secret. Your telegram No. 19 Secret. Proposal for Admiralty D/F Station welcomed and Colonial Government will do all in its power to facilitate installation. ~~Electric lighting~~ Suitable site on Crown land has been selected provisionally. Electric lighting and telephone communication present no difficulty but power not available as town supply is not continuous during daylight. Quarters as required can be erected for £400.

I.D.

DECODE.

TELEGRAM.

108

No. 301 From Secretary of State, London,.....

To His Excellency the Governor, Falkland Islands.

Despatched : 27th March 19 40 Time : 19.36.

Received : 19 Time :

Reply urgently required. No. 30 Secret with/ reference to your telegram No. 37 D/F ~~SEA~~ Station. Interruption of power supply during daylight not serious as battery operated set can be installed and power supply used solely for lighting and charging batteries.

Please confirm that power supply is or can be made available at site provisionally selected and furnish details whether A.C. or D.C., voltage etc. I assume from your telegram that quarters for the operators are not available but would have to be erected.

I.D.

DECODE.

TELEGRAM. SENT.

File with
9
9/10/1940

From His Excellency the Governor, Falkland Islands,

To Secretary of State, London.

Despatched: 29th March 19 40 Time:

Received: 19 Time:

Red

No. 38 Your telegram No. 30 Secret. Electric power can be made available at site provisionally selected for D.F. Station.

Voltage A.C. 220, single phase 50 cycle. I suggest that any further information regarding Stanley power station be obtained from Crown Agents.

2. Admiralty should supply necessary length of underground cable in view of protracted delays in filling Colonial Government orders for materials.

3. It is possible that staff could find accommodation in Stanley but general considerations make it desirable that quarters should be erected.

I.D.

● DECODE.

10

TELEGRAM.

No. 46 From ~~..... Secretary of State, London,~~

To His Excellency the Governor, Falkland Islands.

Despatched: 8th May 19 40 Time: 13.18.

Received: 19 Time:

Red 9

No. 44 Secret with reference to your telegram No. 38 Paragraph 2 please report length of underground cable required.

I.D.C.O.

DECODE.

11.

TELEGRAM. SENT.

From His Excellency the Governor, Falkland Islands,

To Secretary of State, London,

Despatched: 14th May 19 40 Time:

Received: 19 Time:

Recd 10

No. 54 Your telegram No. 44 Secret. 500 yards electric light cable as per indent on Crown Agents No. 22/40 of 4th April Item 5. 500 yards telephone cable Item 4. Makers first General Electric Company second Siemens.

I. D. C. O.

From.... The Warrant Telegraphist, W/T Station.

Date.... 12th April 1940.

To..... The Naval Officer-in-Charge, Falkland Islands.

H/F D/F Site.

Mr Mercer (Supervisor E & T) and myself agree that the site which most nearly complies with all requirements is to the South of the buildings known as ' Hodson's Villas ', South-East of Port Stanley.

2. Telephone and Electric Power lines are within 400 yards of this position.

3. Mr Mercer has already reported this position to the Colonial Secretary.

(signed) M. Holloway.

Warrant Telegraphist.

PROPOSED H/F D/F STATION - FALKLAND ISLANDS.

FROM.... Naval Officer-in-Charge, Port Stanley.

DATE.... 2nd June 1940.

TO..... His Excellency, the Governor of the Falkland Islands.
(Copy to; Rear Admiral Commanding S.A. Division.)

Ref: V 2/8.

Your Excellency,

With reference to your letter of 11th March 1940 to Rear Admiral Commanding South America Division, attached is copy of recommendation for site proposed by Mr Holloway. It is submitted that a continuous supply of electric power would be essential. The manning of the station by civilian W/T staff, as proposed in Secretary of State's No. 22. dated 3rd March, would appear to be impossible under the present conditions without immobilising the main W/T Station.

I have the honour to be,

Your Excellency's most obedient servant,

R. S. Mackenzie
Commander, R.N. *no 1/2*

(16)

5280/40.

June, 1940.

= 9 JUN 1940

Sir,

With further reference to Admiralty letter No. M.05867/40 of the 6th of May, regarding the erection of a H/F D/F station in the Falkland Islands, I am directed by Lord Lloyd to transmit to you, to be laid before the Lords Commissioners of the Admiralty, the accompanying copy of correspondence with the Crown Agents for the Colonies relative to the supply of the additional lengths of cable required in connection with that station.

5.6.40.
9 .6.40.

2. I am to enquire whether Their Lordships would wish that cable to be shipped to the Falkland Islands by the Crown Agents in the normal way, or whether they would prefer to arrange for its shipment on a naval vessel with the other equipment required for the station. In the latter case the Secretary of State assumes that Their Lordships will

THE SECRETARY,
 ADMIRALTY.

will communicate direct with the
Crown Agents in regard to the
arrangements for the shipment of
the cable.

I am,
Sir,
Your most obedient servant,

(Signed) J. A. CALDER



CROWN AGENTS FOR THE COLONIES

W/Falkland Islands
784.

4 Millbank,
London, S.W.1. (15)

5th June, 1940.

Sir,

Indent No. 29/40, dated 4.4.40.

I have the honour to refer to the above Indent for electrical material and in particular to items Nos. 4 and 5 for cable.

We are informed by the Admiralty that each of these items should be increased by 500 yards the extra cable being for Admiralty requirements, and we have been referred to a telegram from the Secretary of State for the Colonies to the Governor of the Falkland Islands No. 44 of the 8th May, and to a telegram from the Governor of the Falkland Islands to the Secretary of State No. 54 of the 14th May. We shall be glad of your confirmation that these additional quantities should be ordered.

I have, etc.,

(Sgd.) J.C. LAMONT
for Crown Agents.

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

5280/40.

SECRET.

114
9 June, 1940.

Gentlemen,

I am directed by Lord Lloyd to acknowledge the receipt of your letter No. W/Falkland Islands/4784 of the 5th of June regarding Items Nos. 4 and 5 of Indent No. 22/40, dated the 4th of April, 1940, for electrical material for the Falkland Islands Government, and to transmit to you, for your information, copies of the two telegrams referred to in that letter.

8.5.40.
15.5.40.

2. The additional cable referred to in these telegrams is required in connection with a new Admiralty wireless station in the Falkland Islands and I am to authorise you to supply an additional 500 yards of each of the two kinds of cable to which reference is made. The Secretary of State is in communication with the Admiralty as to whether these additional lengths of cable should be shipped to the Falkland Islands by you in the ordinary way or whether the Lords Commissioners of the Admiralty would prefer that they should be shipped in a naval vessel, and a further letter on this point will be sent

THE CROWN AGENTS
FOR THE COLONIES.

sent to you as soon as possible.

3. I am to request that you will inform the Secretary of State when shipment has been effected and that you will submit to this Department in due course an account of the expenditure incurred in the supply and shipment of these additional lengths of cable.

I am,

Gentlemen,

Your most obedient servant,



21.

H/F D/F Station at Port Stanley.

FROM ... The Naval Officer-in-Charge, Falkland Islands.

DATE ... 24th September, 1940. No. V. 2/14.

TO ... The Honourable Colonial Secretary,
The Falkland Islands.

C.S. File Secret S/9/40.

It would appear that my letter V. 2/10 of 18th June, together with attached report, to Rear Admiral South America Division (copy to His Excellency the Governor) is not in your docket.

With reference to para 4 of red 2., and Reds (7) and (8), the Secretary of State seems to assume that power is available during dark hours, which might appear to be the case from the wording of Red (7). In view of Reds (9), (10) & (11) this should be made quite clear.

Recommendation for lighting etc., put forward by Mr. Holloway is attached, also copy of reply, by signal, to my V. 2/10. of 18th June.

Reference Para 5 of Red (2), and Red (13) copy of RASAD's reply is attached.

As the Admiralty appear to be dealing with this matter through the Secretary of State, I do not propose signalling suggested lighting and power recommendations to Admiralty direct (vide RASAD's L047z/19/8.) unless requested by you.

R. S. Martin

Commander, R.N.

SECRET

DUPLICATE

20

FALKLAND ISLANDS H/F D/F STATION.

From ... THE REAR ADMIRAL COMMANDING
SOUTH AMERICA DIVISION.
Date ... 22nd June 1940. No. 0312A.
To ... THE NAVAL OFFICER-IN-CHARGE,
FALKLAND ISLANDS.

Your letter No. V.2/8 dated 2nd June 1940, regarding the site for the proposed H/F D/F Station, quoting a telegram No. 22 of 3rd March from the Secretary of State for the Colonies, appears to suggest that it is the intention to man this Station with the Civilian Staff of the existing Naval W/T Station.

2. I do not think this is intended. Telegram No. 19 of 3rd March from the Secretary of State for the Colonies stated that the H/F D/F Station would be manned by personnel of the "Civilian Shore Wireless Service", and this means that the 5 operators required will come out from England.

3. Details of the Admiralty Civilian Shore Wireless Service (C.S.W.S.) are given in Admiralty Fleet Order 1124/40.

(Sd.) H. M. HARWOOD

REAR ADMIRAL.

Duplicate.

(19)

From ... The Warrant Telegraphist, Falklands W/T.

Date ... 2nd September, 1940.

To ... Naval Officer-in-Charge, Port Stanley.

M/F D/T Station Lighting.

Suggested to purchase one of the following or other similar equipments.

Petter Light Set No. 104 A. code word EADEK.

Petter Light Set No. 5 A. " " EAGBK.

These installations are complete with engine, dynamo, switch-board and 54 125 amp.hour cells. Output is 3 Kw at 110/140 Volts DC.

Warrant Tel.

(18)

For use in
Cypher or
Coding Office
only.

Originators Instructions:
(Indication of Priority,
AIDAC, NOTWT
For Exercise).

INTERCEPT GROUP.

TO:

NOIC Port Stanley

FROM:

RASAD

Your letter V 2/10 18th June.

I have no information as to requirements or how matters stand. If you
consider it desirable to do so, please signal your proposal direct to
Admiralty repeated C-in-C SA, RASAD.

1047z/19/8.

Book or Table to be used for

Cyphering or Coding.

Recyphering or Recoding.

Initials of Cypherer
or Coder.Time of Receipt in
Cypher or Coding
Office.

Date.

FROM.... Warrant Telegraphist, Falklands W/T Station.

DATE.... 17th June 1940.

TO..... Naval Officer-in-Charge, Port Stanley.

Power for D/F Station.

Following three methods exist.

A. From W/T Station .

this supply would be 220 volts 50 cycles A.C. and could be transmitted in two ways.

1. By Underground cable.

Cable suggested is twin core lead covered armoured 600 meg-ohm grade cable employing 7 strands .036 copper wire. This costs £100 per 1,000 yds. Total cost of this cable would be £800 approx

2. By Overhead Wires. Except for last 500 yds.

Suggested to use .064 7strand bore copper wire costing £8:10:-- per 1,000 yds carried on 26' wooden poles.

Total costs. Copper conductor 6,000 yds	£ 51: --:--.
200 poles at £2 each	£400: --:--.
400 insulators @ £12:7:3. per gross	£ 37: 7:9.
400 iron clamps @ £6:17:9. " "	£ 20: 3:3.
500 yds underground cable as above	<u>£ 50: --:--.</u>
	<u>£558:11:--.</u>

Transformers are available so that transmission would be at 10,000 volts. These two methods would require no additional upkeep expenditure as plant at W/T Station will be capable of the extra load and must run in any case.

B. Separate generators at D/F site.

It is suggested that in this case generators should be D.C. type. Power of approx. 5 KW is considered sufficient and could conveniently be driven by a Petter engine atomic type diesel of 6 BHP. This type of engine uses either gas oil or light Diesel oil at a maximum of 9 gallons of fuel for 24 hours.

Cost of Engine, cooling tank, generator and switchboard is £ 126. Thus a twin set should not exceed £252. Gas oil at present costs (including freight) 1/5d per gallon. Diesel oil 2/3d per gal. Gas oil is now difficult to obtain.

Yearly fuel expenditure including lubricating oil should not exceed

(2).

22

/ should not exceed

£400.

Prices quoted are actual catalogue prices and should be cheaper to Government. Distances have only been estimated and would have to be more accurate to estimate true cable lengths required: considerable overestimate has been allowed.

sgd. M. Holloway.
Warrant Tel.

H/F D/F STATION.

24

FROM.... Naval Officer-in-Charge, Falkland Islands.

DATE.... 13th June 1940. Ref: V 2/10.

TO..... Rear Admiral Commanding S.A. Division.
(Copy: His Excellency the Governor).

With reference to my V 2/8. dated 2nd June 1940 to His Excellency the Governor. The estimated cost of continuous supply of electric power by the Government Power Station is £ 1698: -: -. per annum. In view of this high cost I have called on Mr. Holloway for a report on alternative methods. This is attached for your consideration.

R.R. Markham

Commander, R.N.

FROM THE NAVAL OFFICER IN CHARGE, FALKLAND ISLANDS.

DATE 15th October, 1940. No. V. 2/16.

TO HONORABLE COLONIAL SECRETARY, FALKLAND ISLANDS.

-->>-----

After consultation between Mr. Mercer and Mr. Holloway (Warrant Telegraphist), it would appear that an annual charge of £500 would cover all requirements for 24 hours service.

2. Daily lighting requirements would be as follows:-

- 1st November to 28th February - 0001 to 0600 ; 1000 to 1200 ;
2000 to 2400.
- 1st March to Mid-May - 0001 to 0700 ; 1000 to 1200 ;
1900 to 2400.
- Mid-May to Mid-August - 0001 to 0630 ; 0630 to 0800 ;
0800 to 0900 ; 0900 to 1200 ;
1800 to 2400.
- Mid August to 31st October - 0001 to 0700 ; 1000 to 1200 ;
1900 to 2400.

3. As all the HF/DF equipment is now here I would suggest that the Admiralty be informed of this through Secretary of State and instructions asked for as to commencing erection of station and accommodation without waiting for specifications and Marconi Staff (vide Red (1)). Details for accommodation would have to be carefully gone into as something better than a "hut" would be required for the Civilian Wireless Staff.

RSMarke

COMMANDER R.N.

DECODE.

26

TELEGRAM.

From His Excellency the Governor,

To Secretary of State for the Colonies.

Despatched: 18th October, 19 40. Time: ...

Received: 19 ... Time: ...

Recd 17.

No. 106. Secret. Your despatch of 9th June Secret request that Admiralty be informed that all HF/DF equipment has been received. Naval Officer in Charge requests permission to commence erection of Station and accommodation without waiting for specifications and Marconi Staff referred to in your telegram No. 19 Secret. Please telegraph instructions.

Recd

GOVERNOR.

DECODE.

TELEGRAM.

From Secretary of State for the Colonies,

To His Excellency the Governor.

Despatched: 10th November, 19 40. Time: 1839.

Received: 10th November, 19 40. Time:

No. 98. Secret your telegram No. 106. Admiralty state that erection of D/F Station must await arrival of Marconi Engineer about middle of December but that erection of accommodation may be proceeded with forthwith at discretion of Naval Officer-in-Charge.

SECRETARY OF STATE.

Red 26

5/12/4
27

(28)

For use in
Cypher
Coding Office
only.

18th November, 1940.

Originators Instructions:
(Indication of Priority,
AIDAC, NOTWT
For Exercise).

INTERCEPT GROUP.

TO:

Admiralty repeated CSAD

FROM:

NOiC Port Stanley

In accordance with cabled instructions received by H.E. the Governor
from Secretary of state for the Colonies, I have approved erection of
accommodation for staff of H/F D/F Station at estimated cost of £ 700.
Accommodation originally estimated for is not considered suitable. This
building would easily sell when no longer required. Request confirmation.

1830z/19/11.

Book or Table to be used for

Cyphering or Coding.

Recyphering or Recoding.

Initials of Cypherer
or Coder.Time of Receipt in
Cypher or Coding
Office.

Date.

Memorandum of agreement made the _____ day of _____ 194_____ between the Naval Officer in Charge Falkland Islands (for and on behalf of the Lords Commissioners of the Admiralty) hereafter called the Lessee on the one part and the Colonial Secretary (for and on behalf of the Government of the Falkland Islands Colony) hereafter called the Lessor on the other part.

1. The Lessee wishes to lease for the duration of the present war that plot of land in Davis Street, Port Stanley to the immediate east of Hodsons Villas East and coloured red in the attached plan, for the purpose of erecting quarters for certain naval personnel⁴.

2. The Lessors agree to lease the land above described on the payment of one shilling per annum ground rent and for the period of the present war.

3. It is further agreed between the two parties that any improvements or buildings which the Lessee may erect on the site before or after the signing of this lease shall at the expiration of the lease be surrendered without damage or partial removal in good condition and without cost to the Lessor.

4. The Lessee agrees to submit to the Lessor plans for a site or building works or alterations or additions propos^{ed}

to be done on the land before executing such works and
not without written permission of the Lessor use the
site or any buildings thereon for any purpose other than
the quartering of naval personnel.

N. O. i/c. p.p. Lords Commissioners
of the Admiralty.

Colonial Secretary p.p. Government
of the Falkland Islands Colony.

5880/40.

SECRET.

32
17 October, 1940.

Sir,

With reference to Admiralty letter No. M.011241/40 of the 25th of July and to connected correspondence regarding the supply of the additional lengths of cable required in connection with the N/F D/F station which is being erected in the Falkland Islands, I am directed by Lord Lloyd to transmit to you, to be laid before the Lords Commissioners of the Admiralty, the accompanying copy of a letter from the Crown Agents for the Colonies reporting that the expenditure incurred in this connection amounted to £91.0.10d.

2. I am to request that arrangements may be made for this sum to be paid to the Crown Agents for credit to the funds in their hands belonging to the Government of the Falkland Islands.

I am,
Sir,

Your most obedient servant,

(Signed) J. A. CALDER

THE SECRETARY,
ADMIRALTY.

Crown Agents for the Colonies,
4, Millbank,
London, S.W.1.

S/Falkland Is.4784/

11th October, 1940.

Sir,

I have the honour to refer to your Secret letter No.5280/40 dated the 9th June as to the supply of additional cable required in connection with the new Admiralty wireless station in the Falkland Islands and to report that shipment was effected by the s.s. "Lafonia" at the end of August.

The expenditure incurred in connection with the supply is being debited to our account with the Government of the Falkland Islands as follows:-

<u>Item 4</u>	<u>Cost</u>	<u>Freight</u>	<u>Insurance</u>	<u>C.A. Depart- mental Charge</u>	<u>Total Cost</u>
500 yards telephone cable	f.o.b. £16.18.3	£1.5.11	£-.18.6	£-. 4.10.	£19. 5. 6.
<u>Item 5</u>					
500 yards electric cable	£60.12.2	£6.19. 4	£3. 5.10	£-.18. 0.	£71.15. 4.

I have, etc.
(Sgd.) J.C.Lamont
for Crown Agents.

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

S E C R E T.

36

COLONIAL SECRETARY'S OFFICE
24 JAN 41

H.F./D.F. STATION.

FROM THE NAVAL OFFICER IN CHARGE, FALKLAND ISLANDS.

DATE 24th January, 1941.

No. V. 2/1.

TO THE HONOURABLE, THE COLONIAL SECRETARY, FALKLAND ISLANDS.

The enclosure is forwarded for your information and any action you consider necessary.

R.B. Martin

COMMANDER.
(Naval Officer in Charge).

JDP/4

12th January, 1941.

Sir,

RF. DF. SITE, MURRAY HEIGHTS.

To prevent deterioration of bearings due to the electrical "obstruction" of any future buildings which might be erected in the vicinity of the site, it is suggested that steps be taken to prohibit constructions of the types and within the minimum radial distances given in the table below:-

	<u>Minimum radial distance from Site centre.</u>
1. Non-metallic buildings (one storey)	300 feet (if isolated) 600 feet (if in group)
2. Non-metallic buildings (2-3 storeys)	750 feet.
3. Small buildings with metal roofs	750 feet.
4. Overhead P.O. & Low Pressure Power Lines	750 feet.
5. E.M.F. Transmission lines on 60' towers	3000 feet.
6. Wireless Aerials, (large)	1200 feet.
7. Wireless Aerials, (small)	600 feet.

This table is neither exhaustive nor exclusive, but is only intended as a guide, the question of site and geographic errors being still the subject of research. Generally speaking, however, no erection should be permitted which subtends at the centre of the site, a greater angle than 3 degrees. *vertical*

I am, Sir,
Your obedient Servant.

THE NAVAL OFFICER IN CHARGE,
Port Stanley.

J. Johnson



37.

MINUTE.

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

25th January 1941

From Supervisor E & T

To Hon Colonial Secretary

Stanley.

Stanley, Falkland Islands.

Referring to the Admiralty H.F. D.F. Station now being erected, I beg to report that a considerable amount of labour is necessary for digging trenches and laying electric and telephone cables.

Is there an Admiralty account for this work to be charged to please ?.

Originally an estimate of £40 was made for this work but at that time the Marconi Engineer Mr Johnson was not in the Colony and since his arrival the distance of trench digging has had to be extended far beyond the original expectations. No provision was included in the vote account of this department to meet charges for this work.

For your instructions please.

AM.

S E & T
29.1.41

39

No. 8/9/40.

MINUTE.

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

14th August, 1941.

From

To The Naval Officer-in-Charge,

The Colonial Secretary,

STANLEY.

Stanley, Falkland Islands.

Recd 25

With reference to your Memo. No. V. 2/16 of the 15th of October, 1940, I am directed to inform you that Mr. Johnson, Marconi Engineer, has made application to the Electrical Department for lighting requirements as detailed in paragraph 2 of your Memo.

2. I am to request that you will confirm that you are agreeable to the annual charge of £500 for this service.

for Colonial Secretary.

SECRET

40

Office of,
The Naval Officer in Charge,
Stanley, Falkland Islands.
15th August 1941.

No: V. 2/1.

The Honourable Colonial Secretary,
The Falkland Islands.



ELECTRICITY FOR H/F. D/F. STATION.

With reference to your minute S/9/40 of 14th August, I have assumed that all communications as to this matter would be made from you to the Admiralty through the Secretary of State, vide S. of S. Telegram No. 22. of 3rd March 1940 and my V. 2/14 of 24th September 1940.

2. I can only agree to confirm this charge of £500 p.a., subject to final Admiralty approval.

3. It is requested that I may be supplied with a detailed accounting of this charge and that I may be informed as to the position with reference to current consumed by others during the periods for the use of which the Admiralty will be paying.

RB Marlin

COMAIDER, R.N.
(Naval Officer in Charge).

Red 40

URGENT.

Office ⁴² of,
The Naval Officer
in Charge,
Stanley, F.I.
2nd September,
1941.

No: V. 2/1.

Honourable Colonial Secretary,
Falkland Islands.

POWER SUPPLY TO H.F./ D.F. STATION, STANLEY.

With reference to my letter V. 2/1. dated 15th August 1941, it is requested that a 24 hour service be established as soon as possible, not later than noon on Friday 5th September 1941.

2. An estimate of the cost is requested in order to obtain final approval from the Admiralty.

R. B. Martz

COMMANDER, R.N.
(Naval Officer in Charge).

Office of,
The Naval Officer in Charge,
Stanley, Falkland Islands.

23rd January, 1942.

No: U. 2/5.

The Honourable Colonial Secretary,
The Falkland Islands.



ELECTRICAL SUPPLY TO NAVAL BASE.

The Admiralty feel that the present cost of supply of electric power for Naval purposes is too high and are proposing to instal their own machinery for these purposes.

2. I feel that if a reasonable reduction is possible, this step could be obviated, and personally I consider this would be far more satisfactory from the point of view of simplicity and efficiency.

3. At the present moment the cost of supply is in the neighbourhood of £1000 p.a. - a very large figure - and I was certainly of the opinion, when the present arrangement for 24 hour supply was made, that this included all supply for Naval purposes; I have received other accounts which, allowing for differences between summer and winter, make up a further £200 p.a. approximately.

4. I should be grateful if a revision of costs could now be made so that I can submit a more favourable figure to their Lordships.

5. An early reply is requested.

R. S. Mackintosh

COMMANDER, R.N.

MINUTE.

No. S/9/40.

28th January, 19 42.

From

To The Naval Officer-in-Charge,

THE COLONIAL SECRETARY,

STANLEY.

Stanley, Falkland Islands.

Red 43

With reference to your Minute, No. U.2/5 of the 23rd of January, 1942, I am directed to inform you that the matter of the cost of the supply of electric power for Naval purposes has been reconsidered and that this Government is prepared to supply Admiralty services, as they are at present, with electricity for the sum of £550 annually.

2. I am to add that the consumption of electricity for Naval purposes during 1941 was as follows :

27th July to				
31st December	...	D.F. Station	...	4,145 units.
30th September				
to 31st December	..	Naval Offices, etc	<u>1,380</u>	"

5,525

3. I am to request that you will notify me in due course whether the proposed new rate is agreeable to the Admiralty.

For Colonial Secretary

(46)

For use in
Cypher or
Coding Office
only.

Originators Instructions:
(Indication of Priority,
AIDAC, NOTWT
For Exercise).

INTERCEPT GROUP.

TO:

NOIC F.I.

FROM:

Admiralty

Your 1508 30th July.

Annual rate of £550 for electrical supply of all naval purposes is acceptable.

0003A/11/9.

BRITISH NAVAL BASE
11 SEP 1942
FALKLANDS

H.C.S.

Forwarded.



Paymaster L.R.N.V.R.

NAVAL OFFICER - IN - CHARGE
FALKLAND ISLANDS

Book or Table to be used for

Initials of Cypherer
or Coder.Time of Receipt in
Cypher or Coding
Office.

Date.

Cyphering or Coding.

Recyphering or Recoding.

NAVAL MESSAGE.

Revised
December, 1935.

S. 1320b.

For use in
Signal
Department
only

45

Originators Instructions:
(Indication of Priority,
Intercept Group, etc.)

Codress/Plaindress

No. of
Groups:

TO:

FROM:

Admiralty

Write
Across

Admiralty from NO10 F.I.

5

y 0356 1st February - Your 2037 9th March - my 1242 10th March.

10

Can confirmation now be given that annual rate of £550 for electrical services

15

has been accepted.

20

1508y/30.

25

30

35

40

45

50

System

P/L Code or Cypher

Time of
Receipt

Despatch

Operator

P.O.O.W.

Date

Copy to O.I.C. Treasury for information.

(47)

No. 8/9/40.

MINUTE.

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

12th September, 19 42.

From

To The Supervisor,

The Colonial Secretary,

Elect. & Tels., Dept.,

Stanley, Falkland Islands.

STANLEY.

With reference to your Minute of the 24th of January, 1942, I have the honour to inform you that a communication has been received from the Naval Officer-in-Charge stating that the Admiralty has agreed to the annual payment of the sum of £550 for the supply of electricity to Naval establishments in Stanley.

2. You will no doubt arrange for the collection of this amount annually as it becomes due.

Colonial Secretary.



Office of
The Naval Officer-in-Charge,
Falkland Islands.

3rd. November 1945.

His Excellency The Governor,
Falkland Islands.

Your Excellency,

Subject - Charges for Electrical Services
to Admiralty.

Now that Admiralty consumption of electricity has been reduced by paying off H.M. Ships "Afterglow" and "Roydur", and by closing the H.P. D/F. Station I feel that the figure of £550 per annum is due for revision.

The ships and establishments now consuming current are as follows:-

- (a) Church House.
- (b) Naval Stores.
- (c) H.M.S. "William Scoresby".
- (d) Control.

With reference to these the following remarks are suggested:

(a) and (b) £100 per annum would appear to be a fair charge.

(c) H.M.S. "William Scoresby" while alongside has to keep steam in her boilers for heating purposes, therefore, I am prepared to give orders that she should provide her own electric current except during such periods as she is boiler cleaning.

(d) As profits to the amount of several thousands of pounds a year accrue to your Government from commercial W/T. traffic received and transmitted by control it is proposed that current shall be supplied to control without charge.

I have the honour to be,

Your Excellency's obedient servant,

*Rec'd G.H.
5/11/45
+ ret'd. for n. p/m
to Sec. 6/11/45*

R.S.G. Collett
COMMANDER, R.N.
NAVAL OFFICER-IN-CHARGE.

No. S/9/40.

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

MINUTE.

55

14th November, 1945.

To The Naval Officer-in-Charge,

STANLEY.

From The Colonial Secretary,

Stanley, Falkland Islands.

52
With reference to your letter of the 3rd November addressed to His Excellency the Governor on the subject of charges for Electrical Service to Admiralty, I have the honour to inform you that, as present advised, His Excellency is not prepared to reconsider the present rate of £550 p. a.

2. At the same I am directed by His Excellency to draw attention to the final paragraph of your letter which does not seem to be in true accord with the facts, probably due to some misunderstanding on your part.

(Sgd.) L.W. Aldridge

for Colonial Secretary.



Office of
The Naval Officer-in-Charge,
Falklands.

17th November, 1945.

The Honourable The Colonial Secretary,
Falkland Islands.

Your S/9/45 dated 14th November, 1945.

With reference to His Excellency's remarks in paragraph 2 of the above the figures were supplied to me by Mr. Mercer.

As they appear to be incorrect I would be obliged if you could supply me with the following information in order to correct any misapprehension : -

Period 1944 - 45 and estimate for 1945 - 46.

- (1) Expenditure on W/T internal and external telegrams under the headings of :-
 - (a) Civilian Operators at Stanley.
 - (b) Civilian Operators at South Georgia.
 - (c) Civilian Operators at Fox Bay.
 - (d) Administrative expenditure in connection with handling of telegrams and the revenue derived therefrom.
 - (e) Other expenditure.

- (2) Revenue obtained from internal and external telegrams.

R. B. G. [Signature]
COMMANDER, R.N.
NAVAL OFFICER-IN-CHARGE.



(61)

Office of the
Naval Officer-in-Charge
Falklands.

E 1/53/3.

27th. November 1945.

The Honourable
The Colonial Secretary,
Falkland Islands.

Your S/9/40 dated 14th. November 1945.

With reference to the Naval Officer-in-Charge's letter of the 17th. November 1945 replying to your minute sheet of the 14th. November 1945, it is requested if a reply may now be given.

A handwritten signature in dark ink, appearing to be "Dudley Seal". The signature is written in a cursive, flowing style.

Sub-Lieutenant, R.N.V.R.
Asst. to Naval Officer-in-Charge.



STATEMENT OF REVENUE AND EXPENDITURE OF GOVERNMENT

TELEGRAPH SERVICE.

Detailed hereunder is the information requested by N.O.i/o in Red 58.

n	<u>Actual 1944.</u>	<u>1945.</u>	<u>1946.</u>
1. (a) Civilian Operators at Stanley	£1385	£280	£1260
(b) Civilian Operators at SGeorgia	654	770	450
Charge & Duty Allowances	236	236	150
(c) Civilian Operators at Fox Bay	190	200	200
(d) Administrative Expenditure			
Supervisor	310	320	320
Clerk	125	135	145
Messenger	37	37	43
(e) Other Expenditure			
Vll & Maintenance	261	350	300
Maintenance SGeorgia W/T Staff	641	180	180
Duty Allowances	168	98	
Cost of Living Bonuses	237	237	237
	<u>4244</u>	<u>3443</u>	<u>3285</u>
2. Revenue from internal and external telegrams.	8023	5000	5000

Notes.

1. The figures for 1945 expenditure are compiled from ten months actual receipts and two months estimated. 1946 figures are from the Estimates prepared by Supervisor E & T and Magistrate South Georgia.

2. Salary of Supervisor has been charged to telegrams at the same percentage as estimated revenue from telegrams bears to the total estimated revenue of the Department - 66%.

3. The revenue figures for 1945 are a rough estimate. It is not known how much the actual revenue will be until later. accounts have been received from Foreign Administrations. The latest we have is May 1945. 1946 estimated revenue must be subject eventually to revision owing to the decrease in official traffic received which, in the last few months, has fallen from £200-£300 monthly to £40-£70. No revenue is derived from outgoing official telegrams.

L. Glanville
for Supervisor,
29.11.45.

No. S/9/40.

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

MINUTE.

5th December, 1945.

To The Naval Officer-in-Charge,

STANLEY.

From The Colonial Secretary,

Stanley, Falkland Islands.

With reference to your memo of the 17th of November, 1945, I am directed by the Governor to forward the attached statement which has been prepared by the Supervisor, Electrical and Telagraphs Department, showing the actual, revised and estimated expenditure and revenue of the Telegraph Department for the years 1944, 1945 and 1946 respectively.

(Sgd.) L.W. Aldridge
for Colonial Secretary.



63

Office of the
Naval Officer-in-Charge.
Falklands.

24th June, 1946.

No. E.1/53/21.

His Excellency the Governor,
Falkland Islands.

Your Excellency,

Recd 5/74

Further to my letter dated November 3rd, 1945
I have the honour to request that electric current supplied to
Admiralty establishments may in future be charged for by meter,
commencing 1st July, 1946.

I have the honour to be,

Your Excellency's obedient servant,

R. J. C. Cobbold -

COMMANDER, R.N.
NAVAL OFFICER-IN-CHARGE.

Reply at 66.

Copy to Supr., R. & T. Dept.

MINUTE.

No. 18/0/16

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

5th July, 1946.

To The Naval Officer-in-Charge,

From The Colonial Secretary,

STANLEY.

Stanley, Falkland Islands.

Supply of Electric Power to Admiralty Establishments.

Red 63.

I am directed by the Governor to reply to your letter of the 24th of June, 1946, and to say that the Supervisor, Electrical and Telegraphs Department, now reports that all electric current supplied to Admiralty Establishments has been metered with effect from the 1st of July, 1946, in accordance with your request.

(Sgd) A B. Mathews,
Colonial Secretary.