

C.S.O.

(Formerly)

0438 / IV

TEL/GEN/2#7

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/
I
V

SUBJECT:

of [unclear]

WIRELESS COMMUNICATIONS - REPORTS AND ACTION
TAKEN BY COMMITTEE ON.

CONNECTED FILES.

NUMBER AND YEAR.

361

MARCONI'S WIRELESS TELEGRAPH COMPANY LIMITED

Marconi House, Chelmsford.



TELEPHONE: CHELMSFORD 3221 (Private Branch Exchange) · TELEGRAMS: EXPANSE CHELMSFORD



17th. March. 1953.

LETTERS AND TELEGRAMS

Please address the Company and quote W8/ONE/1731.

TELEPHONE CALLS

Please ask for extension 73.



The Colonial Secretary,
STANLEY,
FALKLAND ISLANDS.

quoting

Dear Sir,

We have much pleasure in enclosing herewith two copies of our Invoice respecting a Wavemeter we have despatched by Parcel Post Service to yourself. 368

The Invoice in question has been sent on Crown Agents instructions, and is for advice purposes only.

Yours faithfully.

MARCONI'S WIRELESS TELEGRAPH CO. LTD

Place and Date **Chelmsford.** 17th March 1953. 360

*INVOICE of Wireless Component Parts.

supplied

by **Marconi's Wireless Telegraph Co. Ltd.** of **London.**
 to **The Crown Agents for the Colonies.** of **London.**
 to be shipped per **Parcel Post 14/3/53.**



Order No. **W/EM/Falkland Islands** Country from which consigned **United Kingdom.**
5849/1.

Country of Origin	Marks and numbers on packages	QUANTITY AND DESCRIPTION OF GOODS	Selling price to purchaser	
			@	Amount
United Kingdom	<u>O.N.M.S.</u>			
	Regn. 5849 C † A	The Colonial Secretary, STANLEY, Falkland Islands.		
	Carton	1 Wavemeter TF.975 S/No.158164 1 Working Rectifier type Cs 2-C	all	NO CHARGE
		<u>F.O.B. VALUE £58. 0. 0.</u>		
		† { Net value of goods ... £ { Value of outside packages ... £ { Carriage to port of shipment ... £ Total Value £		
		† Required only in the case of exports to British Guiana.		

NOTE.—(1) If all the goods shown on the invoice have the same country of origin such country need not be shown in a separate column provided it is clearly indicated in a conspicuous place on the invoice, e.g., "Country of Origin, England." (2) Goods under the British Preferential Tariff should not be shown on the same invoices as goods of foreign origin.

FORM No. 620
 Printed & Sold by
 The
CHATSWORTH
 Press Ltd.
 39 WATERLOO ROAD
 CRICKLEWOOD
 LONDON — N.W.2
 GLADSTONE 5473, 7746
 and 0766
 100m. 11/52. G.P.3
 (Revised)

ANTIGUA, BAHAMAS, BARBADOS, BERMUDAS, BRITISH GUIANA, BRITISH VIRGIN ISLANDS, DOMINICA, FEDERATION OF MALAYA, GIBRALTAR, GRENADA, MONTserrat, ST. CHRISTOPHER-NEVIS, ST. HELENA, ST. LUCIA, ST. VINCENT, FALKLAND ISLANDS, SEYCHELLES, COLONY OF SINGAPORE, TRINIDAD and TOBAGO, TURKS and CAICOS ISLANDS, MALTA, FIJI, TONGA, LEEWARD ISLES, SOLOMON ISLANDS, GILBERT and ELLICE ISLANDS and HONGKONG.

APPENDIX "B" IMPERIAL ECONOMIC CONFERENCE FORM.

Combined Certificate of value and Origin, and Invoice, for the assessment of "ad valorem" duties on the "Invoice Price" of goods.

SUPT. OF PACKING & TRANSPORT
 DIVISION.

- (1) Here insert Manager, Chief Clerk or as the case may be.
- (2) Here insert name of firm or company.
- (3) Here insert name of city or country.
- (4) These words should be omitted where the manufacturer or supplier himself signs the Certificate.

I, ALBERT THOMAS HOLLOWAY (1)
 of (2) Marconi's Wireless Telegraph Co. Ltd.,
 of (3) London, ~~Manufacturers~~ suppliers
 of the goods enumerated in this invoice, amounting to NO CHARGE
 hereby declare that I [(4) have the authority to make and sign this certificate on behalf of the aforesaid ~~Manufacturers~~ suppliers and that I] have the means of knowing and do hereby certify as follows:—

VALUE.

1. That this invoice is in all respects correct and contains a true and full statement of the price actually paid or to be paid for the said goods, and the actual quantity thereof.

2. That no different invoice of the goods mentioned in the said invoice has been or will be furnished to anyone, and that no arrangements or understanding affecting the purchase price of the said goods has been or will be made or entered into between the said exporter and purchaser or by anyone on behalf of either of them either by way of discount, rebate, compensation or in any manner whatever other than as fully shown on this invoice, or as follows (5).....

NO SPECIAL ARRANGEMENTS.

ORIGIN.

(This part is for use where goods are entitled to Preferential Tariff Rates.)
 (Delete whichever of 3 (a) or 3 (b) is not applicable. If 3 (a) is used delete 4 and 5.
 If 3 (b) is used insert required particulars in 4 and 5.)

3. (a) That every article mentioned in the said invoice has been wholly produced or manufactured in (6) United Kingdom

3. (b) That every article mentioned in the said invoice has been either wholly or partially produced or manufactured in (6).....

4. As regards those articles only partially produced or manufactured in (6).....

(a) That the final process or processes of manufacture have been performed in that part of the British Dominions.

(b) That the expenditure in material produced in (6)..... and/or labour performed in (6)..... calculated subject to qualifications hereunder, in each and every article is not less than†.....

of the factory or works costs of such article in its finished state.*.....

5. That in the calculation of such proportion of produce or labour of the (6)..... none of the following items has been included or considered:—

- "Manufacturer's profit or remuneration of any trader, agent, broker or other person dealing in the articles in their finished condition; royalties; costs of outside packages or any cost of packing the goods thereinto; any cost of conveying, insuring or shipping the goods subsequent to their manufacture."

*NOTE.—In the case of goods which have at some stage entered into the commerce of or undergone a process of manufacture in a foreign country, only that labour and British Empire material which is expended on or added to the goods after their return to the United Kingdom or other part of the British Empire shall be regarded as the produce or manufacture of the United Kingdom or other part of the British Empire, in calculating the proportion of labour and material in the factory or works cost of the finished article.

Dated at Chelmsford this 17th day of March, 1953.

Witness Oh. Enevoldsen Signature Albert Thomas Holloway

Enumerate the following charges and state whether each amount has been included in or excluded from the selling price to the purchaser:—

	Amount in Currency of exporting Country.	State if included in above selling price to purchaser.
(1) Carriage to rail and/or to docks		
(2) Inland freight (rail or canal) and other charges to the dock area, including inland insurance		
(3) Labour in packing the goods into outside packages		
(4) Value of outside packages		
(5) If the goods are subject to any charge by way of royalties		
(6) OCEAN FREIGHT		
(7) OCEAN INSURANCE		

State full particulars of Royalties below:—
NONE

Extract from Minute by H.E. the Governor to Hon. Col. Sec.
of 19/5/53.

(Original filed in 0284/VI/34-41 - Estimates 1953/54).

Expenditure.

.....
XIII.

C. (19). A tidy sum: is it going to cost this every
year? We should enquire, now, as to when
Required: radio-diffusion equipment may be expected.
They have been long enough; it is not, so
far as I am aware, in short supply and we
agreed before I went on leave as to what
was wanted.

.....
XVIII. (10) This seems heavy as I understand it is to
be housed in old engine room at W/T Station;
S/PT wants the former R.N. Remote Control
Station and I will arrange for Secfid to
vacate.

Action taken
on 17/0/46.

Extract from Minute by H.E. the Governor to H.C.S.
of 19/5/53.

(Original filed in 0284/VI/34-41 - Estimates 1953/54).

Expenditure.

.....
XVIII (11) Is this in connection with the new transmitter?

I will visit W/T Stn. & Met. Office next
week, also Power House.

S.P.

370-371 - for comments pl.

How Cal Sec.

J.
29.5.

B

✓ XIII C. 19. I estimate annual costs after equipment
has been operating for one year to be about £450.

? XVIII 10 Actual cost will have to cover fitting up
receiving equipment in a place remote from W/T station
building, and coupling cables.

✓ 11. Estimated cost of extending heating system and
completing floors, benches and store space.

J.M. SPT
28.5.53

A

YLS

(370) (370)

Please see S/W, comments at (370)^B - I gather he has discussed further with YLS.

YLS

2) I will ask Brown re delivery date re equipment.

Q
S/B

B
Checkyan.

I have seen S/W and told him that I want him to put XVII (11) in hand immediately.

me 6/11

ACP
FNA. on 2) above

Q
S/B

mail?
S/B

12/6/53

GOVERNMENT TELEGRAPH SERVICE

377

FALKLAND ISLANDS

SENT

Number	Office of Origin	Words	Handed in at	Date
				24.7.53

To

CROWN LONDON

HOA/C

317 in 0438/101

YOUR LETTER EM1/FALKLAND ISLANDS 5849 RADIO RELAY EXCHANGE STOP

GRATEFUL TO BE INFORMED OF DELIVERY DATE.

SECRETARY

Reply at 378

Bx. 17.8

Time

88

DECODE.

378

TELEGRAM.

From The Crown Agents for the Colonies.

To The Colonial Secretary

Despatched : 11th August, 1953 *Time* 1200

Received : 11th August, 1953 *Time* 1430

Your telegram July 23rd. Radio relay exchange
Expect shipment November charter vessel no room
BISCOE will confirm soonest possible.

CROWN.

File.
(Intld) J.B.
11/8

S.P.T.
J.B. J. 1.

H.C.S.
Thank you. Bill, S.P.T.
12.8.53

H.C.S.
Seen thanks
D.M.
12.8.53.

la. 8. 11.8.

P/L.
SS

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS

SENT

0439/VI
384

Number	Office of Origin	Words	Handed in at	Date
				29.8.53

To

CROWN LONDON HQA/C

382

YOUR LETTER W/NO FALKLAND ISLANDS 5849/2 OF 22ND JULY 1953 SENT BY TELEGRAM

In
0438/VI 5TH MAY 1953 AERIAL SYSTEM PLEASE ADVISE ESTIMATED DELIVERY DATE.

SECRETARY

BU 5/9/53

Reply at 385

Time

DECODE.

TELEGRAM.

385

From The Crown Agents for the Colonies.

To The Colonial Secretary.

Despatched : 31st August, 19 53 Time 1730

Received : 1st September, 19 53 Time : 0855

384
Your telegram 29th August. Aerial system delivery end of
January next but are pressing Marconis for improvement.
Advice copies of order follow.

CROWN.

S.P.T.
(Inld) J.B.
1/9

Hon C.S.

noted. Thank you

HE will be interested in this.
The transmitter will be assembled and used
on our existing mast when contractors at VPC
finish the alterations. All SP 1/9/53.

394

Falkland Islands 5849



Sanctuary Building
Great Smith Street,
London, S.W.1.

My Reference: *5849/51*

9 August, 1951

Your Reference:

Dear Sir,

I wrote to you on the 2nd April about the proposed broadcasting scheme for the Falkland Islands, and mentioned that we had asked the C.B.C. if they would undertake to examine, approve, and test the equipment for this scheme against payment by the Crown Agents for the Colonies. You will be glad to hear that they have now agreed to do this, and I enclose a copy of a letter which we have sent today in pursuance of this subject.

The Governor of the Falkland Islands was in this country last month, and asked us to have the orders placed for this equipment as soon as possible. We are continuing to the Falkland Islands that the C.B.C. have been asked to take action on the basis of the specifications which they prepared for this scheme in 1949. I believe that the Falkland Islands have recently ordered some broadcasting equipment (you can perhaps confirm this) and we shall therefore ask them to check through the C.B.C.'s specifications carefully and make certain that all the equipment is actually required. I don't think we need worry in the preparation of the scheme and the actual placing of the orders.

(initial)

F. A. W. BYRON, ESQ.,
CROWN AGENTS FOR THE COLONIES.

... from the Falklands, since there are
... in relative y, and obviously the
... can be taken the better.

... connection with the
... of the
...

... it will be helpful to you to
... and estimates,
... AS
... was
... of the Falkland
... by some 25%.
... it may well be that
... since
... the cost
... Engineering
... the other day,
... and
... equipment for
... 3500. Success will
... pieces
... the
... main burden of the work will fall on the C.F.O., and
... you glad that they have agreed to
... help in this matter.

Yours sincerely,

J.B. Miller

(J.B. Miller).

All communications to be addressed to the Crown Agents for the Colonies, the above reference being quoted.

396

Indent No. C.O.Ltr. 36834/9/51
or Authority 36834/9/51
A/c. 31.9.51.
Dept. C&W SCL (02265)

Post Office Engineering Dept.,
Post Office Laboratories,
L.L.S. Branch,
Palace of Engineering,
Wembley.

Telegrams: { Inland: "Crown
Sowest, London."
Overseas: "Crown
London."
Telephone: Abbey 7730.

1 OCT 1951

FOR THE ATTENTION OF MR. C. F. S. RAWLINS.

Sir, We have to request that the undermentioned articles may be issued on repayment. The estimated cost should not be greatly exceeded without reference to this Office. Packages should be addressed:—

FOR POST—

FOR SHIPMENT—

Reqn. 5849	<u>O. H. M. S.</u>
C ↑ A The Colonial Secretary, Stanley, Falkland Islands.	

Reqn. 5849	<u>O. H. M. S.</u>
C ↑ A O.S.G. No. Lt. STANLEY, Gross Weight VIA MONTVIDEO.	

These goods should be delivered free of Purchase Tax. A general undertaking as to exportation has been given by the Crown Agents to the Commissioners of Customs and Excise (Customs reference 38400/1940).

Shipment is required by a vessel sailing during November. Please advise when shipping Department for instructions as early as possible.

REQN. NO.	FIRM	DEPT.	FOR RECORD PURPOSES IN CROWN AGENTS' OFFICE.
5849/3	Post Office Eng.	(02265)	

Item No.	Quantity	ARTICLES DEMANDED	Rate	Indent Estimate		
				f	s.	d.
A		<u>Box 1 containing</u>				
	1	Connection Unit Panel.				
	1	Attenuator Panel.				
	1	Transformer Panel.				
	2	Receiver Panels.				
	1	Electronic Diversity Switching Panel.				
	1	Jack Field.				
	1	Main Distribution Panel.				
	1	Test Panel.				
	1	Microphone and Pre-Amplifier Panel.				
	1	Monitor Amplifier Panel.				
	1	Power Unit Panel for Electronic Switch.				
	1	Power Unit for Microphone and Pre-Amplifier Panel.				
	1	Mains Supply Panel, and Guarding Rails and brackets.				
B		<u>Box 2 containing</u>				
	1	Connection Unit.				
	1	Line and Dummy Load Panel.				
	1	24V and Relay Panel.				

We are, Sir,
Your obedient servants,

-Contd-

All communications to be addressed to the Crown Agents for the Colonies, the above reference being quoted.

Indent No.
or Authority

A/c.

Dept. *CD&W Sch (02265)*.

PAGE 2.

Telegram: { Inland: "Crown
Sowest, London."
Overseas: "Crown
London."
Telephone: Abbey 7730.

DEC 1953

Sir,
We have to request that the undermentioned articles may be issued on repayment. The estimated cost should not be greatly exceeded without reference to this Office. Packages should be addressed:—

FOR POST—

FOR SHIPMENT—

Reqn.	<u>O. H. M. S.</u>
C ↑ A	

Reqn.	<u>O. H. M. S.</u>
C ↑ A	
No.	
Gross Weight	

These goods should be delivered free of Purchase Tax. A general undertaking as to exportation has been given by the Crown Agents to the Commissioners of Customs and Excise (Customs reference 38400/1940).

REQN. NO.	FIRM	DEPT.	FOR RECORD PURPOSES IN CROWN AGENTS' OFFICE.

Item No.	Quantity	ARTICLES DEMANDED	Rate	Indent Estimate		
				£	s.	d.
	1	Blank Panel.				
	1	Monitor Speaker Panel.				
	1	Jack Field.				
	1	Mains Distribution Panel.				
	1	100 watt Amplifier and Power Unit Panel.				
	1	Mains Supply Panel, and Guard rails and brackets.				
C	1	<u>Control Desk Containing</u>				
	3	Control Panels.				
	1	Control Telephone Panel.				
	1	Recording Equalizer Panel.				
	7	Anglepoise Movement Type 1273 with 2 in wall brackets.				
	1	Microphone 4017C.				
D		<u>Outside Broadcast Equipment comprising</u>				
	2	Amplifiers				
	2	Power Units with Control Telephones.				
	2	Moving Coil Headphones Type K.				
	2	Microphones 4031E.				
	2	Table Stands 4003B.				

We are, Sir,
Your obedient servants, -contd-

All communications to be addressed to the Crown Agents for the Colonies, the above reference being quoted.

Indent No.
or Authority

A/c.

Dept. CO&W Sch (22265)



10 OCT 3

Inland: "Crown
Sewest, London."
Overseas: "Crown
London."
Telephone: Abbey 7730.

OCT 1953

Sir, We have to request that the undermentioned articles may be issued on repayment. The estimated cost should not be greatly exceeded without reference to this Office. Packages should be addressed:—

FOR POST—

FOR SHIPMENT—

Reqn.	<u>O. H. M. S.</u>
C ↑ A	

Reqn.	<u>O. H. M. S.</u>
C ↑ A	
No.	
Gross Weight	

These goods should be delivered free of Purchase Tax. A general undertaking as to exportation has been given by the Crown Agents to the Commissioners of Customs and Excise (Customs reference 38400/1940).

REQN. NO.	FIRM	DEPT.	FOR RECORD PURPOSES IN CROWN AGENTS' OFFICE.

Item No.	Quantity	ARTICLES DEMANDED	Rate	Indent Estimate		
				£	s.	d.
	2	Jacks 4069A.				
	1	Mixer Unit.				
	2	Microphone Transformers in Rubber Mouldings.				
		<u>Studio Equipment comprising</u>				
	2	Microphones 4017C.				
	2	Floor stands 4004B.				
	1	Microphones 4021B.				
	1	Telescopic Desk Stand.				
	1	Adaptor.				
	200 yds	Microphone Cable.				
	2	Studio Door Warning Lamps 4477B.				
	3	Microphone Transformers in Rubber Mouldings.				
		<u>Test and Maintenance Equipment comprising</u>				
	1	Avometer No. 8.				
	1	Leather Case.				
	1	Master Trimmer Set.				
		<u>1000 yards Cable CF. 843h.</u>				
		<u>1 Set of Essential Spares.</u>				

We are, Sir,
Your obedient servants,

Communications to be addressed to the Crown Agents for the Colonies, the above reference being quoted.

Indent No.
 or Authority

A/c.

Dept. *C.O. & U. Sch. (22265)*



Telegrams: { Inland: "Crown
 Sowerst, London."
 Overseas: "Crown
 London."
 Telephone: Abbey 7730.

1 OCT 1953

Sir,
 We have to request that the undermentioned articles may be issued on repayment. The estimated cost should not be greatly exceeded without reference to this Office. Packages should be addressed:—

FOR POST—

FOR SHIPMENT—

Reqn.	<u>O. H. M. S.</u>
C ↑ A	

Reqn.	<u>O. H. M. S.</u>
C ↑ A	
No.	
Gross Weight	

These goods should be delivered free of Purchase Tax. A general undertaking as to exportation has been given by the Crown Agents to the Commissioners of Customs and Excise (Customs reference 38400/1940).

REQN. NO.	FIRM	DEPT.	FOR RECORD PURPOSES IN CROWN AGENTS' OFFICE.

Item No.	Quantity	ARTICLES DEMANDED	Rate	Indent Estimate		
				£	s.	d.
		Conversation of 22.9.53 between Mr. C. F. S. Hawkins and Mr. F. A. S. Byron Rogers.				

We are, Sir,
 Your obedient servants,

For the Crown Agents for the Colonies.

SAVING TELEGRAM.

From: The Officer Administering the Government of the Falkland Islands.
To: The Secretary of State for the Colonies.
Date: 21st November, 1953.

No. 207. COLONY.

27/11
0438/II

Your memorandum C.D.W.(D) No. 2265 issued by the Information Department on 13th March, 1952. Development of the Broadcasting Service in the Falkland Islands.

It is anticipated that all the new equipment will have been received by the beginning of next year and it is understood that the General Post Office have recommended that they should send one of their own engineers to supervise the installation - particularly of the equipment required for the Broadcasting Studio itself.

2. I welcome this proposal and would be glad to learn if an engineer would be available to come out about March 1954. This matter has already been the subject of demi-official correspondence between Mr. McNaughton Falkland Islands Director of Broadcasting and Mr. Waterous and it is considered that the work could be completed in one to two months.

3. I would be very grateful if you could send me a telegraphic reply and at the same time give me an indication of the expenses involved.

GOVERNOR'S DEPUTY.

S.P.
D/B

See 414 J.

to see
Q
21.11

Hes.

See 415 A

27. Seen thank you.

AM. ST.
23.11.53

HCS.

414/D-6
27 seen thank you. Copies of my letter and the reply which I received from Mr. Waterous are at
D.H.

back cover and you may wish to file them.

A word on how long the man will be needed may help. As I see it, the actual installation of equipment will take only a short time — provided the receiving aerials are up, the feeder lines have been erected, the Transmitter is installed and connected to the Studio, the Studio building has been modified (or at least the equipment room) and so on. If all goes well, therefore, it should be possible to put in the studio equipment, match it with receiving and transmitting facilities, check its performance and instruct the Studio staff in its proper use, all between successive trips of the "Fitzroy."

However we should bear in mind the fact that the equipment we are going to get is capable of a very high standard of quality, vastly superior to anything we have yet had, but that its performance is largely dependent on correct installation and skilled operation. The careful tuning and adjustment of the equipment to eliminate even the slightest distortion or hum is the task of a specialist and may take some

time. To ensure that the standard of performance is maintained we must see that our operators know exactly how to get the best out of the equipment, and that our maintenance men are briefed in its special problems. It would be false economy to cut short the stay of an expert in the matter once he was here, and I therefore recommend that, while it is hoped that a stay between successive Fitzroy's will suffice, provision for a stay a few weeks longer should be made in case it is required.

I
fully
agree
w/

You will no doubt wish to record Mr.

Merce's views also.

L/M
D/B 2/12/53.

Bo. for next ofc meeting
of file pt. as cover
3/12

Your ref. 111/50/01

Stanley,
Falkland Islands

414D
30
Sept. 3rd. 1953

S.E. Watrous Esq.,
Information Dept.,
Colonial Office,
Sanctuary Buildings,
Great Smith Street,
London S.W.1

I must apologise for the very long delay in answering your letter of above reference dated 28th. April 1953. This has been largely because of pressure of work (my chief is on leave in the U.K. at present) and partly because things were moving only slowly at this end. I can now report very much better progress.

We were, of course, very sorry to hear of the death of Mr. Burgess - he seemed in good health and spirits when I last saw him and was most enthusiastic about our new equipment. We gave me a couple of hectic days at Wembley and even had me home with him for the evening to study diagrams and blue prints till a late hour. Your letter was the first notification we had of his passing and it came as a bit of a shock.

What I am writing to you specially for now is to tell you that the Governor has accepted in principle that we should have a G.P.O. Engineer out here to install the wired broadcasting equipment. It would be a major task for local resources and His Excellency feels, in any case, that it would be ungracious (to say the least) to expect the G.P.O. to spend several years on the development of the equipment, and then to hand it over to us for installation. How awkward we would find the situation if it failed to give the complete satisfaction to which all of us here are looking forward! With respect, I am sure the Governor is right, and his views are shared by Mr. Mercer, the Superintendent Posts and Telegraphs, whose department will be responsible for the maintenance of the equipment once it is installed. Before further steps can be taken, however, the matter must be put before the Financial Committee of the Legislative Council for approval and my main purpose in writing is therefore to give you prior warning of our plans in order that you may communicate them to Mr. Hatfield. I do not think that we are likely to want the Engineer before about March 1954 and the intention is that he should remain here between successive trips of the "Fitzroy" (about a month) or over two trips (about two months) as required. Full details will follow through Secretary of State in the normal way, but the G.P.O. will doubtless welcome even these vague estimates at the present stage.

You may also welcome the following "unofficial" summary of how things are progressing here:

(1) New Broadcasting Transmitter:

The Government Wireless Station is being altered to accommodate this and work is now in progress. Masts for the transmitting aerial are on order, but operation will not await their arrival since a temporary aerial can be carried on existing masts. Mr. Mercer expects the transmitter to cause some interference to commercial radio services and has taken preliminary steps to remove his receiving station to a remote point. The transmitter should be in limited operation in a few weeks.

*If required: we
have been given
use of RAS masts
Central Station & F105
these have been
evacuated therefore.*

414F
Reply at 30

414E
~~23~~
37

(2) Rediffusion Equipment:

This is being shipped by Charter Vessel in November and will arrive towards the end of the year. The intention is to have the equipment unpacked, checked and ready for installation by the G.F.O. Engineer as soon as he arrives.

(3) Rhombic Receiving Aerials

All materials are on order and shipping advices have been received for almost all items. The masts and feed~~e~~d poles will be erected on contract on arrival and it is hoped to have this work completed when the G.F.O. Engineer arrives.

(4) Studio Buildings

Plans for modification of this to provide workshop, operating room, office and studio have been approved by the Governor. It is intended that this work shall be completed early next year before the arrival of the G.P.O. Engineer. A report on studio requirements which I prepared after my return from the U.K. was accepted, apart from minor alterations due to local conditions. A copy of this report was sent by me to Mr. Burgess for his comments but may well have been overlooked at the time of his death.

I hope this will give you at least some idea of how things are progressing in the equipment line. We have made good progress with programmes and I hope that the Governor will shortly appoint an almost full-time Broadcasting Secretary - a part-time volunteer, however willing, cannot devote sufficient time to the job. By the end of the year I expect we shall be broadcasting seven evenings a week for two to three hours each evening.

Director of Broadcasting



414
Colonial Office, ~~52~~
Sanctuary Buildings,
Great Smith Street,
LONDON S.W.1.

Ref: INF 111/50/01

4th November 1953

4147
30
Dear Mr. Naughton,

Many thanks for your letter of the 3rd September. I must apologise for the delay in answering.

Last week we heard that the wired broadcasting system complete with double diversity receivers and aerial masts was packed and being forwarded for shipment early this month. Hatfield of the G.P.O. has done a really first-rate job in assembling, testing, packing and finally forwarding all the equipment.

Excluded
I tested the reaction, unofficially, of the G.P.O. to the suggestion you have made that Hatfield, or some other deputed officer from the G.P.O., should visit the Falklands for a short period to assist in the installation of the service. I am glad to tell you that the G.P.O. would be prepared to let Mr. Hatfield visit you if a formal request were made to them by ourselves. Perhaps I might mention in passing, that the best method of acquiring Hatfield's services for, as you suggest, two months, would be to ask for him to be seconded from the G.P.O. In this event, his salary, pension scheme contributions etc., would be paid by your Government. They might even be included in the total cost of providing ~~the~~ wired service.

Your unofficial summary of progress on the new broadcasting transmitter, rediffusion equipment,

KIV29



4146
39

- 2 -

rhombic aerials, and studio buildings, were most welcome.

It occurs to me that if the decision is made to proceed with Hatfield's visit, you may wish to write direct to him or via us, setting out points on which you would like assistance in connection with broadcasting generally. If we can help, please don't hesitate to ask.

With kind regards,

Yours sincerely,

S.E. Watrous

(S.E. Watrous)
Information Department

D.M. McNaughton Esq.,
Director of Broadcasting,
The Secretariat,
Port Stanley,
FALKLAND ISLANDS.

A.T.
29 B pt.
w/ps
4/12

Hanes
noted for S.C. ty

Bel for S.F.C. 10/12/53 *JW* 4/12/53

414

(27) 414A

414 H
34

Before sending a hastener I have been awaiting information from Brown as to shipment of material. ~~There~~ I have now heard that it will be on the next charter vessel to arrive here.

2) However she cannot get the studio ready ^{even} if the engineer could come out in Feb. I suggest that we ask for him on March P. way.

I presume B.D. handy men could help out if required as it is a joint service.

(2)
141

I had already suggested them - if available. Wilson will definitely be here but I am not certain about Brown.

Take him if there could do the job readily.

→ (I have spoken to S/F - not too hopeful as Green's house has to be erected, the Radar Sunde section at Met. Office is still incomplete and there is a lot of stores shifting and packing to be done when FIDS move into their second warehouse, now occupied by FIC.) huc

huc 15

414 I 35

DECODE.

TELEGRAM SENT.

From GOVERNOR to SECRETARY OF STATE

Despatched: 15.1.54 Time: 1500 Received: Time:

~~27~~

- S. P. M.
No 22. My Despatch No 207 Colony. General
Post Office Engineer. Glad to know how matter
progresses and if Engineer can catch March
FITZROY.

GOVERNOR

See 115A in 0663.

Reply

~~38~~ 415B
38, 396a P/631

Extract from Minutes of Standing Finance Committee's
Meeting of 10. 12. 53.

(Original filed at 90 in 1040/A).

.....

- 2. Secondment of G.P.O. Engineer to instal new Broadcasting Equipment.

The Supt. Posts & Telegraphs attended the meeting and explained the position with regard to the necessity of securing the services of an engineer from the G.P.O. Mr. Mercer pointed out that the equipment was of a special type which he considered should be installed by someone conversant with it, at the same time he would welcome the opportunity of seeking advice on other matters in connection with broadcasting should this officer visit the Colony. The Committee agreed in principle.

.....

F. I. ref: ~~1000~~ P/218 in Register

C. O. ref:

Original - P/218

415 H
~~37~~

SAVING TELEGRAM.

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

To: The Secretary of State for the Colonies.

Date: 18th January, 1954.

No. 9. SAVING. COLONY.

By Savingram No. 237 of 21st November, 1953. Development of Broadcasting in the Colonies.

1. I am very anxious that one of the members of my Posts & Telegraphs staff, Mr. C.T. Neive should receive some instruction from the General Post Office Engineering Department in London on the maintenance of rediffusion equipment and the standard practice for fitting small automatic telephone systems covering 500 to 500 subscribers.

2. Before making any definite arrangements I would first like to discuss the matter with the General Post Office Engineer who I hope will be visiting the Colony in March, but I would be grateful if in the meantime the principle could be referred to the General Post Office.

3. Any expenses in connection with the course of instruction would be borne by the Colony.

GOVERNOR.

0102

Copy sent D/B 21/1.

415B 38

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 20.1.54 Time: 1705 Received: 21.1.54 Time: 0845

3544I

No 15. Your telegram No 22. G.P.O.Engineer. G.P.O. agree in principle to provide engineer and hope to release him for Marbh FITZROY. Details of expenses involved will follow as soon as available.

SECRETARY OF STATE

See 45

I have informed SPT but have been unable to raise D/B on telephone - pl.send him a copy.

(Intld)J.B.
21/1.

A.C.S.

copy sent.

21/1. 25/1.

promises Halpells in reply.
NO. p. re. read. MC 24

4/1 Pse 20 (38)

23/1

(32)

P/L.
SS

But 13/2

4152
41

Mrs.

Mr's away on 39.

Mr. Starfield is

the engineer who tested

the equipment before

dispatch - see ~~(32)~~

$\frac{8}{5/2}$

✓ P.M.
6/2

X/Falkland Islands 5849/2.

10 FEB
FALKLAND ISLANDS
417
19 JAN 1954

Communications to be addressed to the Crown Agents for the Colonies, 4, Millbank, London, S.W.1 and the above reference quoted.



4, MILLBANK,

LONDON, S.W.1.

TELEGRAMS { INLAND: "CROWN, SOWEST, LONDON."
OVERSEAS: "CROWN, LONDON."
TELEPHONE: ABBEY 7730.

The Crown Agents for the Colonies present their compliments and have the honour to enclose the papers mentioned below in connection with the indent quoted.

Indent No. C.O. ltr. 96834/9/51 & Col. Sec. Tel. of 5.5.53.

Dated 9.8.51.

Dept.

Enclosures.

WIRELESS MASTS

R.C.100
In envelope at cover. } Layout of 100ft mast and erection details
(2 black & white prints)

HEREWITH

The Colonial Secretary,
Port Stanley,
FALKLAND ISLANDS.

ERG/MS

DECODE.

419 A
~~43~~

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 13.2.54 Time: 1610 Received: 14.2.54 Time: 0845

40
P/634

No 39. Your telegram No 37. G.P.O. Engineer.

Engineer requests that if possible wired broadcasting equipment should be unpacked and placed in its approximate final position in studio building.

SECRETARY OF STATE

S.P.I.
Do you agree observations, pl.

Hon C.S.
Equipment is partly unpacked. We will proceed. 16/2.
Concrete bases will be laid 18/2/54
Balance of gear will be unpacked & examined 18/2/54. A.M. SPT 17-2-54

GOVERNMENT TELEGRAPH SERVICE

FALKLAND ISLANDS

SENT

Number	Office of Origin	Words	Handed In at	Date
				24.2.54.

To Crown London.

Urgent your preliminary shipping advice reference ⁴¹⁵ S/Falkland Is 5849/3 dated 24th November 1953 stop Rediffusion equipment case number 4498 ~~ED~~ containing turntable units and poleband clips stop Clips broke loose in case and damaged both turntable unit tone arms stop Please order replacement tonearms completely wired for control desk turntable units type number DSR serial number 330 from MSS Recording co Ltd and despatch by earliest opportunity.

Colonial Secretary.

Reply 430

Time

COPT .
GOVERNMENT TELEGRAPH SERVICE
FALKLAND ISLANDS
SENT

Number	Office of Origin	Words	Handed in at	Date
				27. 2. 54.

To

Crown London

422

Reference your preliminary shipping advice S/Falkland Is 5849/2 aerial material for 5 kw transmitter please confirm aerial system being supplied included requirements contained in my telegram of 5th May 1953 and is being shipped with masts.

366 m. 0438/100

SECRETARY.

Reply at 429

BU. 15/3

Time

DECODE.

TELEGRAM.

430

From The Crown Agents for the Colonies.

To The Colonial Secretary.

Despatched : 20th March, 19 54 Time 1110

Received : 20th March, 19 54 Time : 1145

424

Your telegram dated 24th February. Requisition 5849/3
Post Office Engineer Hatfield flying 21st March bringing
two replacement tone arms. Will inspect damaged arms
to decide responsibility for cost of replacement.

CROWN.

S.P.T.
(Intld) J.B.
20/3.

ACS

See check you

AM SP
20.3.54

P/L.
SM

KIV 429

MARCONI'S WIRELESS TELEGRAPH COMPANY, LIMITED.

Telegraphic Address:
"EXPANSE, CHELMSFORD."
Telephone No.:
CHELMSFORD 3231.
Registered Office:
MARCONI OFFICES, ELECTRA HOUSE,
VICTORIA EMBANKMENT, LONDON, W.C.2.

MARCONI HOUSE,
CHELMSFORD,
ESSEX.

11th. February. 1914.

SHIPPING SPECIFICATION

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

We forwarded on ~~xx~~ between 5th and 11th February by Road and Rail, Carriage paid.
the following goods consigned to S.S. "HANNE.S." at 13 Berth, Town Quay, Southampton.

Reqn 5849
C ↑ A
No.....
Gross Weight.

O.H.M.S.
O.A.G.
PT. STANLEY.
VIA MONTEVIDEO.

to Order of Messrs J.F.O'Bree & Co.Ltd.

Nos.	Pkgs.	DESCRIPTION OF CONTENTS.	Dimensions.	Nett.		Gross.						
				kilos.	kilos.	tons.	cwt.	qrs.	lbs.	tons.	cwt.	qrs.
9440.	1	Bundle containing:- <u>Copper Wire.</u> Cadmium - Strand B.L. 1800 lbs. Item.1. 1 Coil 16 s.w.g. x 7 ply. 1200-ft. Cadmium - Strand B.L. 950 lbs. Item.2. 1 Coil 19 s.w.g. x 7 ply. 500 ft.	24"x24"x5"			1.	0.	15.		1.	0.	16.
9441.	1	Bundle containing:- <u>Copper Wire.</u> Half Hard H.C. Copper Wire. Item. 5. 1 Coil 10 swg. 2,000 ft. Item. 4. 1 Coil 6 s.w.g. 500 ft. Soft. H.C. - - - Item. 6. 1 Coil 14 swg. 1,100 ft Item 3. 1 Coil 18 swg. Item 7 1 Coil 14 swg. 7,400 ft.	26"x26"x6"			2.	1.	23.		2.	1.	25.
9442/3 1000xx	2	<u>Fittings for 2 - R.C. 100 Mast. Part 1 Drg. Issue 7.</u> 5 1/2" n/d. Top Mast Sections.	21'0" x 6" dia.									2. 0. 10
9444/9	6	5 1/2" n/d Inter Mast Sections.	21'0" x 6" dia.									2. 0. 10
9450/1	2	5 1/2" n/d. Bottom Mast Sections.	19'6" x 5 1/2" dia.									1. 3. 18.
9452/3	2 cases	each containing:- 1 - 5 1/2" n/d Mast Head Cap. 1 - 5 1/2" " Mast Reel Fitting. 1 - 18" x 18" x 3/4" Mast Box Base Plate with 1 - 5" x 1 1/2" heel bolt and nut. 4 - 5 1/2" 3 pce. bands with 3-3" x 3/4" bolts & nuts. and 3 - link plates. 1 - 105'0" x 1" circ. Steel halyard. 1 - 100'0" x 2" circ sisal hauling end. 42 - 1/2" galv'd D. Shackles. 3 - 5/8" galv'd D Shackles. 3 - 1/2" galv'd D Shackles. (for Halyard) 3 - No.1. Mast Stays. 3 - No.2. " " 3 - No.3. " " 3 - No.4. " " 3 - No.5. " "	33x33x24"	each...		4.	1.	2.	each..	5.	0.	16.

Nos.	Pkgs.	DESCRIPTION OF CONTENTS	Dimensions	Nett.		Gross.									
				kilos.	kilos.	tons.	cwt.	qrs.	lbs.	tons.	cwt.	qrs.	lbs.		
Cases Nos. 9452/3		continued. 1 - Mast Back Stay. 1 - Print RC.100.													
9454/5	2 cases	each containing:- 3 - 3'6" 5 Hole Stay Plate Anchors. 1 - 2'6" x 1 1/2" Rod for derrick fall. 1 - 9" x 9" x 1/2" Plate for derrick fall. 1 - 4'0" x 3/4" Rod for Halyard. 1 - 9" x 9" x 1/4" Plate for Halyard. 15 - 4'0" x 1/2" Galv'd Long Link Chain. 1 - 8'0" x 1/2" Galvd Long Link Chain. 1 - 6" Single Sheave Halyard block. 4 - 1" Ragbolts and nuts. 9 - 7/8" x 3/4" through Bolts and Nuts. 18 - 3/4" Brass Shaped Washers. 15 - 3/4" Galv'd Rigging Screws.	53x20x12"		each.	3.	3.	2.	each.	4.	1.	18.			
9456.		<u>Fitting for 1 - RC.100 Erection Equipment, Part 3 Drz. Issue 7.</u> 1. - 5 1/2" n/d Derrick Section.	19'6" x 6" dia.										2.	0.	2.
9457.	1 -	5 1/2" n/d Derrick Section with fabricated head.	7'0" x 12" x 11"										0.	3.	6.
9458.	1 case	containing:- 1 - 20" x 5 1/2" Derrick Sleeve. 4 - 7/8" x 3/4" Bolts and Nuts. 8 - Brass Shaped Washers. 1 - 5 1/2" Erection Band with 2-3" x 3/4" bolts and nuts and 1 - 5" x 1 1/2" Derrick Heel Bolt and nut. 2 - 6" Treble Plate Sided Blocks. 3 - 7/8" Galv'd D. Shackles. 1 - 350'0" x 2 1/2" circ sisal fall rope. 2 - 40'0" x 2 1/2" " " side guys. 4 - 5/8" Galv'd D Shackles. 2 - 4'6" x 2 1/2" T.Stake Anchors. 2 - 5'0" x 1 1/2" " " " 5 - 5'0" x 1 1/2" circ steel lashings. 30 - 3/8" Shear Bolts & Grips. 1 - 5'0" Crowbar. 1 - 2'0" Tommybat. 1 - 14 lb Hammer. 1 - 7 lb tin of Grease. 1 - Set of Spanners.	77x24x17"			4.	0.	18.		5.	0.	18.			
9459.	case	containing:- 3 Rod & Plate Anchors. 4'6" 3 - lg Link Chains 6g. 6 - "D" Shackles. 5/16" 32 - 1" Thimbles. 6 - Bulldog Grips 7/8" 4 Support Frames. 4 Pole Bars. 30 Hex Hd Bolts & Nuts 5/16" x 4" 5 Support Angles. Sk.13169 Ref.1A. 8 Stay Attachment. Cleats. 28 - Hex Hd Bolts 1/2" x 4 1/2" 10 - 3/8" "D" Shackles. 1 - Support Angle. SK.13169 Ref.1. 8 Eyebolts. 4 - Base Stiffening Angles. 1 - Insulator Support Plate. 2 Hex Hd Bolts Nuts & W. 3/8" x 1" 1 Connection Band. 1 Horn Gap Bracket. 100 ft 3/4" circ GS Wire Rope. 8 - Stay Rods 5/8" Buller Type. 50 Fathoms 1 1/2" Circ Rope. 1 Galv'd Earth Plate.	78x35x14"			4.	0.	22.		5.	1.	12.			
9460.	Case	containing:- 3 - 3 way Clamps. 20 - Wire Guides. 3 - Feeder Wire Clamps. 14 - Outer Wire Clamps. 1 piece Copper Strip 1 1/4" x 5'7 1/2" 1 " " " 1 1/4" x 1'11 1/2" 2 " " " 1" x 25'0" 1 " " " 2" x 1/16" x 12'0" 50 ft. Copper Strip. 1 1/4" x 1/16" 12 "Soft" " 1 1/2" x 1/16" 2 - Hex Hd Brass Bolts. 3/8" x 3/4" 4 - ch. hd. Brass Bolts. 3/4" x OBA. 6 - Bif Copper Rivets. 3/4" x 1/4"	29x26x7"										0.	3.	8.

Nos.	Pkgs.	DESCRIPTION OF CONTENTS	Dimensions	Nett.		Nett.				Gross			
				kilos.	kilos.	tons.	cwt.	qrs.	lbs.	tons.	cwt.	qrs.	lbs.
9461/4.	Loose.	Support Poles.	11'11 1/2" x 3" dia.))	TOTAL.				8. 0. 0.			
9465/71.	"	"	13'6" x 3" dia.							8. 0. 0.			
9722/3.	2 Bales	each containing:- 1 - 15 ft Spreader.	15'4" x 7" x 5"			0. 2. 14.				0. 2. 16.			
9724.	Bag	containing:- 2 Wire Stays.	16"x16"x3"			0. 0. 10 1/2.				0. 0. 12.			

Handwritten notes and calculations:

1 - 15' x 7" x 5" Spreader
 2 - 16" x 16" x 3" Wire Stays
 11'11 1/2" x 3" dia. Support Poles
 13'6" x 3" dia. Support Poles
 0. 2. 14.
 0. 0. 10 1/2.
 8. 0. 0.
 0. 2. 16.
 0. 0. 12.

Additional notes:

25/10/24
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 29/10/24
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S.P.T.

To note 431 - 435, → w/draw
duplicates of 432 - 435 & Bills of
Lading No 12. pl.

UP
BRCs 26/3/54.

How C.S

431 - 435 noted.

Duplicates of 433 - 435 + B of L + No 12 w/drawn

Thank you.

AM SPi
26.3.54

P.S. I retained duplicate copy of B of L No 10, original
returned herewith AM.

K1 V
1427

Memorandum.

25th March, 1954.

0+38 IV

437

To. The Honourable
The Colonial Secretary,
Stanley.

From The Superintendent
Posts & Telegraphs Dept,
Stanley.

Subject. Broadcast Transmitter. Assembly.

His Honour the Officer Administering the Government will wish to know that the Broadcast Transmitter of 5 KW as supplied by Marconis was completed on the 20th March 1954 and full load tests were satisfactorily carried out on artificial load on the 24th March 1954.

Part of the aerial system arrived by the Hanne S and the balance is expected by the Fitzroy.

The erection of aerial equipment will take a month but work cannot start until all material has arrived.

A. Mercer.

S.P & T Dept.

25.3.54

y.H. 10 see [signature] 27/3

Jan. v. subscription [signature] 29/3

K.I.V. 4/10

PA

438

JRS

12. See your 414 (B.G. Harlow).

2/4.

JRS

Can SPT give us the answer yet?

SPT

S.P.T.

5/4.

How C.S

The SPT. We need to be on the air first.
We had no interference in any band
but the best will be when receiving

SPT
5. 4. 54

TEL: WEMBLEY

5957

YOUR REF.

P.O. REF.

LLB 2/3

W.G. RADLEY, C.S.E., PH.D. (ENG.), M.I.E.E.
Engineer-in-Chief



450
POST OFFICE ENGINEERING DEPT.

POST OFFICE LABORATORIES.

(LLB BRANCH).

PALACE OF ENGINEERING.

WEMBLEY.

MIDDLESEX

15 March, 1954.

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



Dear Sirs,

Your ref: 46/102/Falkland Islands 5849/3.

I have to acknowledge receipt of your letter of 12th March 1954 on the subject of damage sustained to the Turntable Tone Arms recently shipped to the Falkland Islands.

As you are aware Mr. W.D. Hatfield of this Department is leaving for the Falkland Islands on 21st March next to supervise the installation of the wire broadcasting equipment in Port Stanley. Arrangements have been made for him to take two replacement tone arms with him.

It is proposed to defer a decision on the responsibility for the cost of these items until Mr. Hatfield has had an opportunity of inspecting the damaged items.

Yours faithfully,

(C.F.W. Hawkins)
for Engineer-in-Chief.

Original removed to 170/46.

45

DECODE.

Copy sent to Mr. Hatfield 18/5

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched: 17.5.54. Time: 19.57 Received: 18.5.54. Time: 08.45

No. 100. For Hatfield from Collinghurst. Replacement motor etc. shipped R.F.A. WAVE LAIRD due Port Stanley early June.

SECRETARY OF STATE.

S.P.T.

To see pl.

(Intld) A.H.

for C.S. 2/6

Hon. C.S.

Seen. Thank you.

(Intld) A.M. S.P.T.

2/6/54.

10-

Good evening everybody. Tonight is the inauguration of the new Broadcasting Equipment which has just been installed in Stanley and I therefore very much hope that you are hearing me loudly and clearly - especially in the Camp and on the Buses.

Briefly the equipment consists of a new transmitter for the benefit of listeners outside Stanley and a new rediffusion system for the town, and it is hoped that we have now gone a long way towards overcoming the reception and other broadcasting difficulties which have been experienced in the past.

On this occasion, therefore, I feel it would be appropriate to give a brief outline of the history and development of broadcasting in the Colony and the reasons leading up to the purchase of this equipment.

The Falkland Islands has the honour of being the first Colony to establish a broadcasting service for in the early part of 1929 a wired broadcasting system was established in Stanley under the direction of the Governor, the late Sir Arnold Hodson, K.C.M.G. This service was also carried to some of the farms on the East Falkland by means of telephone lines and it brought to many people their first experience of radio.

The Overseas Short-wave Services of the B.B.C. as we know them to-day had not then begun and short-wave reception was anything but good. In Stanley reception was limited almost entirely to medium-wave stations in South America and interest was maintained by means of gramophone records, local news bulletins and occasional "live" programmes from the studio. Some listeners may recall that Sir Arnold Hodson himself often conducted the local programmes and did his own announcing.

The present rediffusion amplifier was purchased in 1934 from the well known radio firm of Marconi Ltd. and it was originally designed to feed 90 loudspeaker units located in various parts of the town. Gradually, through the years, the number of contributors increased and renewal of equipment became long overdue but like so many other things it was delayed by the war. The number of loudspeakers fed by the system during the last few years has exceeded 250 - almost 3 times the number for which the amplifier was designed. It is therefore a great tribute, not only to the original designers and manufacturers of the equipment, but also to the maintenance staff of the Posts & Telegraphs Department that it has served the Colony continuously and so well for almost a quarter of a century, and it is not really surprising that, during these last few years, the quality and quantity of its output has gradually fallen off and that we have suffered from a few interruptions of service which are collectively referred to as "technical hitches". We might well have had a great many more.

Wireless broadcasting (as opposed to wired broadcasting) is a comparatively recent development in the

Falklands and the first radio transmitter for broadcast programmes was not used regularly until 1942. This was actually a home-made transmitter constructed by an enthusiastic local amateur radio operator Mr. Harry Slade. Mr. Slade built the set but because of the war he could not obtain an operating licence and so he sold it to the Government to enable news of the progress of the war, and of local happenings, to reach listeners in the Camp. By then, listeners to overseas programmes had, of course, become common in all parts of the Islands, and there were many radio receivers to take advantage of this new development. Later the opportunity was taken to provide a service of education by radio for Camp children and regular lessons were given on several afternoons in the week from 1944 to 1948. Although poor reception, shortages of batteries and (in some cases) lack of interest prevented full use being made of these broadcasts there is little doubt that they were of very real service to some Camp children, and educational broadcasting is still very much in the future plans of the Broadcasting Department. The original transmitter operated on a frequency of 5440 kc/s but this frequency is now in a band which is not allocated to broadcasting, under recent Int. national radio agreements. Some years ago, therefore, we were forced to abandon it and, with a general deterioration in short-wave reception conditions, we were faced with the exceedingly difficult technical problem of getting programmes out from Stanley to the Camp. This problem was only partly solved by the purchase of 2 American transmitters and the selection of new operating frequencies. These transmitters were purchased for the very low figure of £120 each and have an output of about 250 watts, or six times that of Mr. Slade's original transmitter. Even so, they have not been able to provide a service for much of the West Falkland in the evenings, and reception even in the East Falkland, has been far from good.

We have been very conscious of these deficiencies - an overloaded re-diffraction system, over twenty years old, giving poor quality reception in Stanley, and two transmitters of far too little power doing the same for East Falkland and even less for the West - and much time and effort have been expended both here and in the United Kingdom in producing the new broadcasting system to which you are listening now, and which, I sincerely trust, will be adequate for the colony's needs in the foreseeable future.

As early as 1949 Sir Miles Clifford appointed a wireless Communications Committee and asked it to consider, amongst other things, how best the Colony's broadcasting requirements could be met, bearing in mind the needs, not only of the people of the Colony, but also of the Dependencies, and paying special attention to the needs of the children and young people. This committee has continued to function to this day and has been responsible for advising the Government on the general lines of the new broadcasting installations, as well as on such associated matters as the Camp R/T service. Mr. Mercer, the Superintendent Posts & Telegraphs Department has been a leading member of this Committee throughout its life and is at present its Chairman. Mr. McNaughton, the Director of Broadcasting,

has acted as its secretary for the same period, and the other members at present are Mr. Trevor Hooley, (senior operator at the Government M/T Station) and Mr. Don Mortimer (officer-in-charge of the Ionospheric Station in Stanley who, I am sorry to say, is leaving the Colony today for good). To these gentlemen, and to their colleagues on the Committee during the past 5 years, the Government and the community owe a debt of gratitude which I am very pleased to acknowledge.

When local agreement had been reached by the Committee the problem was then referred back to the more authoritative agencies in the United Kingdom who are always so ready to give advice to Colonial territories - the B.P.C. were consulted on the broadcasting side and the R.F.O. on the rediffusion aspects. After a great deal of correspondence and a very careful assessment of the problem, it was decided to instal a 5 K/W transmitter, which was the most powerful medium-wave transmitter which the Colony could afford to buy and maintain, and which it was thought would suffice the Colony's needs. The Secretary of State was sympathetic and authorized a handsome grant of £10,000 from Colonial Development & Welfare Funds which was almost enough to purchase this transmitter from our old friends, the Marconi Company, Ltd., and which enabled the colony to devote what money it could afford to a new rediffusion system, renovation of the studio, erection of transmitting and receiving aerials, and so on.

In the matter of rediffusion equipment we were equally fortunate. The R.F.O. pointed out that we could purchase ready made equipment from a commercial source but that this might not exactly meet our requirements. They then proposed a most attractive idea which amounted to our telling them exactly what we required in the way of loudspeakers, distances etc., and their agreeing to develop a rediffusion system, specially for Stanley, which would incorporate the very latest requirements. They would design new parts where necessary, assemble and test the whole installation and bill us only for the equipment. The development work would be a R.F.O. service and would not cost the Colony a penny. Needless to say this offer was accepted and a team of R.F.O. engineers went to work under the direction of Mr. A.G. Burgess. They worked for several years - designing, testing, redesigning, wiring, modifying, checking and perfecting the various units. Both Mr. Mercer and Mr. McNaughton met Mr. Burgess in England and were most impressed with the enthusiastic manner in which he was pursuing a project for a small colony, 8,000 miles away on the other side of the world, which he had never even seen. It was therefore with the very deepest regret that we learned that, only a few months before the work was finally completed, Mr. Burgess was seriously injured in a road accident and died in hospital shortly afterwards. The work of final assembly and testing was carried out by Mr. D. Hatfield, who had been engaged on the project with him, and we are very fortunate that the Postmaster General was good enough to second Mr. Hatfield to the Colony for a few months to come out and help instal the new equipment. I should like to congratulate Mr. Hatfield on the excellent work he has done and to ask him to convey to his R.F.O. colleagues in London who were also concerned, the very sincere thanks of the Government and people of this Colony for the

Invaluable work which they have done on our behalf. Mr. Hatfield has not, of course, undertaken all the work of the complete installation himself - he has been primarily concerned with the studio equipment - and our thanks are due also to Mr. Mercer and the staff of the Posts & Telegraphs Department who have erected transmitting aeriols and feeders, both receiving and transmitting, laid connecting wires and cables, modified and extended wiring and switching arrangements, and assembled and tested the new and powerful broadcast transmitter. The Public Works Department has built a new and very handsome studio and control room, laid foundations, modified buildings and so on, and to the staff of this department also, we are indebted. Few Colonies, large or small, can boast broadcasting equipment so well designed, soundly built and well housed as we now can.

It would be idle to pretend that this is the end of the road. It is a big step forward but it is in some ways only a beginning. We must now turn our efforts to improving our studio techniques, and the standard of our local live broadcasts, and to increasing the usefulness of our broadcasts to children. The problem of batteries in the Camp is a serious one and it is proposed to investigate the possibilities of small, comparatively cheap receivers powered by dry batteries for there is no virtue in producing twenty-five hours broadcasting a week if some of the most important listeners do not have the facilities to receive it. Nevertheless, very real progress has been made in the realm of both programmes and equipment. We have a sound basis to work on. And we look to the future with confidence and hope. Goodnight everybody.

459

yo. may like to see (455). I am
writing to thank GPO, for ^{Happy's} services.
2011

Very good. I hope it came over well in
the West. PC. Thank GPO as you

support
out 21

F. I. ref: 0802.

C. O. ref:

460

SAVING TELEGRAM.

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

To: The Secretary of State for the Colonies.

Date: 21st July, 1954.

No. 131. SAVING. COLONY.

415 B ~~38~~ Your telegram No. 15 of 20th January. G.P.O. Engineer.

Mr. D. Hatfield, the radio engineer seconded from the G.P.O. to supervise the installation of the new broadcasting equipment has just left the Colony after successfully completing his mission and I would be grateful if you would convey to the G.P.O. an expression of thanks for the loan of Mr. Hatfield's services and for all the trouble they have taken to provide the Colony with the best equipment possible within its means.

2. I enclose two copies of a broadcast talk given by the Colonial Secretary at the inauguration of the new equipment and I would be grateful if you could forward one copy to the G.P.O.

455 -
458

GOVERNOR.

405
n.f.a.m. d. 21/7/54

No. 131
WJ

CC/LJH.

0456.

SECRET

461

3rd November, 1954.

To.

The Honorable
Colonial Secretary,
Stanley.

From.

Superintendent Posts & Telegraphs
Stanley.

A

Subject. A.I.S.T.

I beg to submit that to date expenditure under Head VIII sub-head 14 New Broadcasting Equipment etc has exceeded the estimate by the sum of £803. 13. 6., and so far no accounts are to hand showing any payments to Mr Hatfield for salary which may reach £500.

For your approval I attach an A.I.S.T. to cover costs already known.

A. M. Jones

S.P.T.

3.11.54.

B.

ACS

Can we not make an approximate estimate of Hatfield's expenses from the P.P. in our possession?

3/11

W. Hatfield's file pl. 2/11 8/11

ACS.

Re.

AISE

D

2/11

S.P.T.

9.11.54

attached

R.T.O

C.

S.P.T.

We spoke -

Approx. estimate of Mr. H's salary -

5 1/3 mos @	£84	- £448
		35
3 1/2 - -	£10 =	<u>£483</u>
		2/11 8/11

ADVICE OF AMENDMENT ORDER PLACED. 465

W6 DMI/Falkland Is. 5849/1.

THE CROWN AGENTS
FOR OVERSEA GOVERNMENTS AND ADMINISTRATIONS.
4. MILLBANK, LONDON, S.W.1.

7 FEB 1952
Telegrams: { Inland: Crown, Sowest, London.
Overseas: Crown, London.
Telephone: ABBey 2730.

If letters to be addressed to the Crown Agents, the above reference being quoted.

Authy: Savingram 42 of 25.1.52. from Falkland Islands to Colonial Office. C.O.Ltr.96834/9/51.
Special A/c (if any) of 9.8.51. and The O.C. 32 puts transmit below a copy of a letter regarding a contract
Dept. C.D. & W. Scheme (D. 2265c). details have already been forwarded under the reference shown.
The Colonial Secretary,
Port Stanley,
Falkland Islands.

14 FEB 1955

Gentlemen,

Your Reference: W0/HD/796.

I am directed to refer to the above contract dated 28th March, 1952, for Broadcasting Equipment, and to acknowledge receipt of your letter dated 8th December, 1954, advising that the following set of free of charge replacements for conversion of Marconi Aerial Coupling Unit are now ready:-

- 1 - Inductance Ref. W.26673 Sh.2.ED.C.
- 1 - Instrument Transformer. Ratio 25/1. Ref. WIS.5333 Sh.1.
("Smith Hobson" Medium Wave R.F. Transformer. Serial No.63566).
- 1 - Aerial Ammeter. 0-40 Amp. complete with external 1.6 Amp. thermo-couple surface pattern ("Ernest Turner"). Serial No.1401750.
- 3 - Prints of drawing ref. W0.8051.

It is noted that they have been passed by the Crown Agents' Chief Inspecting Engineer, and shipping instructions will be forwarded to you as soon as possible.

I am, Gentlemen,
Your obedient servant,

Messrs. Marconi's Wireless Telegraph
Co.Ltd.,
Maronci House,
Chelmsford.



Posts & Telegraphs Dept.

Stanley

15th March. 1955

Sir,

With reference to yours of 14th inst., regarding resignation of Mr McNaughton from the Wireless Communications Committee, I beg to suggest that subject to your approval, the committee be dissolved. Primarily the committee served a very useful purpose in threshing out details of the new Broadcasting requirements, the R/T communications, Redifussion and kindred problems, but these are now working smoothly and have been absorbed by this Dept. and treated as routine matters.

The only outstanding problem is the interference from the Ionospheric Station and from electrical appliances, and this matter can be dealt with by this Dept. as is the practice in U.K.

I have been on the committee for nearly 18 months and have not been called upon to discuss any problem during that time, and therefore think the necessity for the committee has ended.

I am Sir,

Your obedient servant. C

The Hon

Colonial Secretary

Stanley

*Once he does me
PP. relating to app. first
appointment of C. Lee*

Hooley.
Atg S.P.T.

Bof.

21/3

468

H.A.C.S.

467B. Pl. see 1-3 in 0438 att.

SM
24/3.

ACS

I think it would be a pity to do away with this little club has rendered such useful service in the past & I can think of one problem eg. Radio interference which they may be required to tackle later.

No action anyway until F&T returns & in the meantime they can be in a state of suspended animation. See advice of SPT.

A.G. S.P.T.

to note, pl.

25/3.

25/3

Noted Thank you.
28/3/55

HHH 22.7.55



POST OFFICE ENGINEERING DEPARTMENT

Tel. HEAdquarters 5360

(Accounts BRANCH),

P. O. Ref. A1/4/H3 50702/1

LEITH HOUSE,

Your Ref. S4/Falkland Islands
5849/3

GRESHAM STREET,
LONDON, E.C.2.

Brig. L. H. Harris, C. B. E., T. D., M. Sc., F. C. G. I., M. I. E. E.

Engineer-in-Chief

25 July, 1955.

Dear Sir,

Design and Provision of Broadcast Equipment for
the Falkland Islands

Further to my letter dated 21st June, I enclose the account for the above-mentioned service.

The amount of £3590. 15s. 5d. is considerably higher than originally estimated mainly on account of increases in prices of materials and cost of wages since 1949. Additionally, many of the items supplied by manufacturers were rejected for failing to meet specifications, which resulted in more time being spent in inspecting such items.

Yours faithfully,

R. A. Harris

for Engineer-in-Chief.

The Crown Agents,
4 Millbank,
LONDON, S.W.1.

476

E-in-C 2721

Headquarters 5360

Your Reference S4/Falkland Islands 5849/3

P.O. Reference A1/4/H3 50702/1

Post Office Engineering Dept.,
Accounting and Statistical Branch (3),
Repayment Accounts Section 417,
Aldersgate,
LONDON E.C.1.

The Crown Agents,
4 Millbank,
LONDON, S.W.1.

.....25 July 1955.....

The Engineer-in-Chief requests that you will be good enough to forward a remittance for the amount due as shown below. Cheques should be drawn in favour of "The Engineer-in-Chief, G.F.I." and crossed "A/C Payee".

DATE	PARTICULARS	AMOUNT		
		£	s.	d.
	Design and provision of Broadcasting Equipment, for the Falkland Islands.			
	Labour & Salaries	552	2	0
	Materials	2584	11	7
	Contractors charges	7	2	4
	Freight & handling of materials	48	9	6
	Establishment Charges	398	10	0
	Total	3590	15	5

BB

477.

S.P.T.

To note 474-476 s w/d. duplicates thereof pl.



HCS -

474-476 Noted. & Dupes w/d.

Thank you.

H.
15/9.

Bu 468 30/11/55 H

S.P.T.

468 for your views pl.

w/d. 30/11

HCS.

I do not feel the committee can now be of any help to the department. We have no new schemes projected and the Sonospheric interference should I think be dealt with by the dept.

AM. SPT
1.12.55

E

HCS

468 with D supra - I agree with S.P.T. The letter has served its purpose & may now die? HCS has seen - J.L.
18/12. Not 15/12

467 +
468 reply