

C.S.

Postal & Telegraphic

Broadcasting

No.

344/29

1929.

SUBJECT.

Sof 1.

1929

8th July

Previous Paper.

Broadcasting arrangements
for the "Camp".

MINUTES.

① Minute from Sof 1. 9/7/29.

L.E. Submitted.

H.A. 13

A.C.S.

9.11.29

The C.S.

Put up again when we have finished
installing all the hand-pieces needed
in Stanley. M.

$$\frac{9.29}{7}$$
B.F. 30.11.29.
W.D. 10.11.29.

W. Byron.

With your please
report on this connection when
you have time. There is no hurry.

E.H. 13

A.C.S.

3. X. 29

Subsequent Paper.

Minute pour Mr Byron 16/10/29 v.3

16. Submitted. This is an interesting and useful report. It is, however, your Excellency's wish that the system should be completed in Stanley before it is entered to our Camp? E.R.H. 13

Ay C.S.
23. X. 29

14m C.S

Very interesting. Thank Mr Byron. Put up again say after six months.

23 29
10
All.

Mr. Byron.

For info. with you kindly bring this question forward again in six months time.

E.R.H. 13
Ay C.S.
23. X. 29.

Hon Col Sec

Noted. certainly

L. A. Byron 23/10/29

21/3/30
off 28/4/29
a

MINUTE.

No.

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

From Supt T. & T.

To



THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

In reply to His Excellency's question in reference to the installation of broadcasting apparatus in the Camp, I submit the following:—

For wayside houses (shepherds) headphones are recommended & at Managers Houses, loudspeakers. Loudspeakers should also be installed in cook houses.

At wayside houses provision must be made for hearing the Broadcasting with the switch in the "through" position otherwise stations on the far side will be cut off. Also the wayside stations must be unable to listen on the Broadcasting apparatus to telephone conversations at times when Broadcasting is not in progress.

owing to attenuation on the camp lines in order to pass sufficient power to operate a number of wayside houses & managers houses special precautions will have to be taken in loading the line artificially otherwise speech will be rendered unintelligible & music unpleasing.

Further precautions will be necessary to reduce line noise caused by poor condition of the lines and also by atmospheric discharges.

With regard to the cost, The wayside houses should cost approximately £2 but this does not include any improvements to the lines which also benefits ordinary telephone users & might reasonably be charged to the owners of the lines.

The loud speaker installations present more difficulties & each case will have to be examined carefully & a quotation given.

Before installations are made The various owners of the lines will have to agree to allow their portion of the line to be used.

J. H. H. H. H.



How vol Sec

Two loudspeakers have been installed at Mr Robson's residence Fort Louis and I am now in the position to give you the results obtained.

It appears that when the line is in good condition quite good musical strength has been received although not quite so loud as the Stanley installations.

When the line is "Bad" however reception is spasmodic varying in strength and sometimes accompanied by "cracks" due to static discharge along the line.

To obtain good results therefore the line must be renovated.

Providing the Camp lines were made good I think it quite feasible to install headphones or loudspeakers at wayside houses but where the current must serve a comparatively large area a more difficult problem presents itself.

For example we wish to supply Darwin and Goose Eden with Loudspeakers.

The current on its way to Darwin would pass through many wayside houses, by the time it arrives at Darwin it is considerably weakened, and as quite a number of loudspeakers would be needed here auxiliary amplifying

apparatus would be necessary at Darwin.

This latter project seems impracticable.

I would sum up by saying that headphones can be installed in any settlement on the Island if ^{the settlement is} connected by Telephone.

Switches could be installed so that subscribers could "listen in" when they desired.

I would point out two objections to installing headphones on Camp telephone lines (These would also apply to loudspeakers).

- (1) Subscribers might forget to "break" their switches at the conclusion of the programme rendering the line useless for ~~telephony~~ ^{ringing}.
- (2) It would be possible to listen in to conversations by putting on the broadcast switch.

If however subscribers were careful in putting their switches correctly objection number (1) would disappear.

Objection number (2) however would still remain.

Complete cooperation with the owners of Camp lines must of course be obtained to avoid confusion.

Lt. Byrd. 16/10/29