

Declassified E.O. 12356 Section 3.3/NND No.

785017

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W/T & R/T INTERFERENCE
JAN. - JULY 1946

13A
(e)

FROM : ITALIAN A.L. MINISTRY, ROME.
TO : AIR FORCES SUB-COMMISSION, A.C. ROME
DATE : 30TH JULY 1946
REF : 414103/1-21/2726 COLL

INTERFERENCE ON FREQUENCY OF 6370 KC/S (SERVICE NO. 9)

The Met. Collection Center of this Ministry pointed out that the reception on the frequency 6370 Kc/s (Service 9 has been very bad during the past few days, and listening impossible. This mentioned interference is caused by the broadcasting of a W.T. Station which uses the call signal YDX, and also by other 191 stations.

According to the strength of the Signals (QS45/5) and by the fact that the C.A.V. of Centoceseel hears the same station YDX on the same frequency, but with a strength of 2-3/5 it is possible that the station may be situated in Rome and probably in the vicinity of the R.A. Ministry.

Taking into consideration that the other frequency of the mentioned service (Kc/s 4445) gives negative results (in this period and for this specific reception) at the present the local Met. Bulletin Collection Center finds itself in serious difficulties in carrying out their delicate service, and that these mentioned difficulties are having an adverse effect on the broadcasts of International character (Meteo Italia I.M.B.).

We therefore kindly ask the A.F.S.C./s-c to inform the necessary authority in order that the disturbing station may be located, and moved from the Kc/s 6370

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We therefore kindly ask the A.F.S.C./s-c to inform the necessary authority in order that the disturbing station may be located, and moved from the Kc/s 6370 frequency.

We are awaiting a favourable and urgent reply.



THE INSPECTOR
(COL. A.A.R.N.-D. LIBRI)

Translated by Sgt. M. Albertini



URGENTE

Ministero dell'Aeronautica

COMANDO SUPERIORE AERONAUTICA
Ispettorato delle Telecomunicazioni
Div. Radio - Sezione I^a

Prot. N. 444003/1-24/1946 C.M.

OGGETTO: Interferenze sulla frequenza di Kc/s 6370
(Servizio n° 9)

Il Centro Raccolta Bollettini Meteorologici di questo Ministero ha fatto presente che da vari giorni la ricezione sulla frequenza di Kc/s 6370 (Serv. 9) è letteralmente resa impossibile dalle emissioni della stazione R.T. che usa il nominativo YDX e da altre stazioni.

Dall'intensità di segnali (QSA5/5), dal fatto che la C.A.V. di Centocelle sente la stazione R.T. YDX sulla stessa frequenza, ma con forza 2-3/5 si potrebbe determinare essere la stazione disturbatrice nella zona di Roma e probabilmente nelle vicinanze del Ministero dell'Aeronautica.

In considerazione inoltre che l'altra frequenza di tale servizio (Kc/s 4445) dà risultati letteralmente negativi (in questo periodo e per questa specifica ricezione) attualmente il Centro Raccolta Meteo locale si trova in serie difficoltà nell'espletamento del suo delicato servizio, difficoltà che si riflettono anche sul buon andamento delle emissioni a carattere internazionale. (Metel-
lia - IMB)

Si prega quindi questo AFSC/S-C voler interessare gli organi competenti perchè possibilmente venga determinata la stazione disturbatrice, per quindi farla allontanare dalla frequenza di Kc/s 6370.

Si rimane in attesa di cortese ed urgente riscontro.

P. L'ISPETTORE t.a.
(Col. A.A.R.S. - D. LIERI)

Lieri

Le pique-bulle per signor Lieri, un saluto e un saluto alla signora

1946 0110 COMANDANTO AERONAUTICA

30 LUG 1946

13 A

ALLA F.S.C./A-C Trasite

Ufficio Collegamento

= R O M A =

Proposta al f. N. 11

*file**12A*

From: Air Forces Sub-Commission,
Allied Commission, ROME.
To: Italian Air Ministry,
Directorate of Communications.
Date: 3rd July, 1946.
Ref: AFSC/AIR/E.529/SIGS.

W/T COMMUNICATIONS - W/T INTERFERENCE.

10A

Reference is made to my AFSC/AIR/E.529/SIGS. dated 2nd July 1946 and telephone conversation S/Ldr. Ray - Col. De Vincenti this morning.

2. Please arrange to change the frequency of your Servizio 9 from 6360 kc/s to 6370 kc/s by 23.59 hours on Friday 5th July 1946.

Awkay

A.W. RAY,
Squadron Leader,
for Air Vice Marshal,
Director,
Air Forces Sub-Commission.

189

*file**11 A*

From: Air Forces Sub-Commission,
Allied Commission, ROME.
To: Air Headquarters Italy.
Date: 3rd July, 1946.
Ref: AFSC/AIR/S.529/SIGS.

W/T COMMUNICATION - INTERFERENCE.

9 A

Reference is made to your AHQI/S.4310/4/SIGS. dated 27th June, 1946.

2. Information has been received from the I.A.M. that the authority for the use of 6360 kc/s was given in M.A.A.F. letter reference 676-3/138 dated 15th May 1945, a copy of which is not held by this unit.

3. Instructions have been issued to the I.A.M. to change the frequency of their Servizio 9 from 6360 kc/s to 6370 kc/s by 23.59 hours on Friday 5th July 1946.

A.W. Ray

A.W. RAY,
Squadron Leader,
for Air Vice Marshal,
Director,
Air Forces Sub-Commission.

188 c.

file 0

From : Air Forces Sub Commission, A.C., Rome.

To : Italian Air Ministry
Communications Directorate

Date : 2nd July 1946.

Ref : AFSC/AFM/5523/3103

10A

W/T Communications - Interference

It has been reported by A.A.C.S. Rome that interference is being experienced on 6360 Kc/s from IIS sending figure groups.

2. Your Appendix III Service 9 Edition 1946 of U.T.2 shows that IIS is allotted a frequency of 6.60 Kc/s.

3. Air Headquarters Italy state that the frequency allotted early this year for this Service by A.C. HQ. was 6.70 Kc/s not 6.60 Kc/s.

4. It is requested that your records be consulted and the authority for the use of 6360 Kc/s quoted to this Sub Commission when steps will be taken to cancel it and the higher frequency substituted.

5. Should the mistake have been made by the I.A.C. please arrange for your Service 9 to change frequency to 6.70 Kc/s as soon as possible as heavy interference is being caused to A.A.C.S. Services.

6. Please reply by return.

Awkay sk

For A.C. HQ. S/Ldr.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

187

9A

From :- Air Headquarters, Royal Air Force, ITALY.

To :- A.F.S.C., A.C. ROME. \

Date :- 27th June, 1946.

Ref :- AHQI/S.4310/4/Signals.

W/T COMMUNICATIONS - INTERFERENCE.

7A

Further to this Headquarters letter of even reference, 21st June, and your letter AFSC/AIR/S.529/Sigs, 24th June, some error appears to have been made by the I.A.M.

2. The frequency allocated for Italian broadcasts by the C.S.O. A.F. HQ. early this year was 6370 Kc/s, and is shown as such in his records. This is also the frequency mentioned as allotted for meteorological services in H.Q., R.A.F., MEDME Signals Instruction no.25/45.

3. It is requested that the Italian records be consulted and any authority for the use of 6360 Kc/s referred to this Headquarters when steps will be taken to cancel it and substitute the higher frequency. If a mistake has been made, please arrange for the Italian broadcast stations on 6360 Kc/s to change frequency to 6370 Kc/s as soon as possible, as much interference is being caused to A.A.C.S. services.

h. R. Tidman 186
/11

Air Vice Marshal,
Air Officer Commanding,
AIR HEADQUARTERS, R.A.F. ITALY.



file

871

From : A. Forces Sub Commission, A.C., Rome

To : A.H.Q. R.A.F. Italy

Date : 24th June 1946.

Ref : AFSC/AIR/S529/SIGS

W/T & R/T Interference

Reference is made to your AHQI/S4310/4/SIGS dated 21st June 1946.

2. The 1946 edition of U.T.2 "Ordinamento e Regolamento del Servizio delle Comunicazioni ed Assistenza del Volo della R.A." shows under Serrizio 9 the stations Milan LLY, Venice LLS and Rome LKO working a regional met. broadcast service on 6360 Kc/s and 4445 Kc/s simultaneously.

3. In the absence of the Chief Signals Officer I.A.M. it was possible only to confirm the existence of ~~the~~ service and the fact that the frequency had been agreed upon with the Allies, but where and when could not be ascertained.

A.W. RAY S/L

for A.W. RAY S/Ldr.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

7A

From :- Air Headquarters, Royal Air Force, ITALY.

To :- A.F.S.C., A.C. ROME. ✓

Date :- 21st June, 1946.

Ref :- ANOI/S.4310/h/Signals.

W/T GROUND COMMUNICATIONS INTERFERENCE.

1. It has been reported by A.A.C.S. Rome that interference is being experienced at times on 6360 Kc/s from a station using call-sign ILS and sending figure groups.
2. Our records show a Rome meteorological broadcast on 6370 Kc/s, and identify ILS as Venice.
3. Please clarify the use of this Call-sign on 6370 Kc/s, and request the Station responsible to keep within international, frequency tolerances.



H. R. Tildmarsh
f/11
Air Commodore,
Senior Air Staff Officer,
AIR HEADQUARTERS, R.A.F. ITALY.

Copy to : G.H.Q. C.M.F. (C.S.O.'s branch; att. Major Bellamy)



Mod. 43 - 17

A MEZZO UFFICIO COLLEGAMENTO, S E D

add

ore

From: COMMUNICATED LIAISON
To: A.F.S.C., A.C. ROME. 3A.
Ref. your AFSC/DR/P529 dated 2nd
instant, we would like to inform you that we
are unable to supply the statistical
data on Radio interferences in the
Middle East as the information required
is not at hand. () Lt. Col. M. Vincenti
STAMPED: TRINIDAD - 74101 881-326 Ord. 105-del 03-10-49 XX-500,000

file
From : Air Forces Sub Commission, A.C. Rome.

To : A.H.Q. ITALY

Date : 21st May 1946.

Ref : AFSC/AIR/S529/SIGS.

W/T AND R/T INTERFERENCE - PRECIPITATION STATIC.

Reference your AHQI/S4307/4/SIGS dated 29th April 1946.

2. A copy of the above letter with a request for relevant information was forwarded to the Italian Air Ministry on May 2nd 1946.
3. As no reply was received by the 17th May as requested the Italian Air Ministry was telephoned and this Sub Commission was informed that it's letter had not been received.
4. Information was received on the 19th May that the letter had been found, but that the Italian Air Ministry regretted that they were not able to provide any data as requested.

C. W. Kay sk
for A.W. RAY S/Ldr.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

183.

From :- Air Headquarters, Royal Air Force, Italy.

To :- Distribution Below.

Date :- 29th April, 1946.

Ref :- AMCI/3.4307/L/Sigs.

PRECIPITATION STATIC.

1. The Director Communications Development is desirous of obtaining as much statistical information as possible on interference by precipitation static in the M.E. to enable him to form some estimate of the devices which may be required in new or existing equipment to counteract such effect or in the design of new aerials on aircraft.

2. Points on which information is required are:-

- (a) Frequency of occurrence static.
- (b) The worst areas.
- (c) Weather conditions associated with (a) and (b)
- (d) Comparison of MF versus HF under the same condition of interference
- (e) The value of any static leaks or any other form of anti-static devices fitted.
- (f) Decrease of range by static interference on VHF.

3. It would be appreciated if you would forward any information on the above lines which you can obtain, within the next three weeks, to this Headq.

DISTRIBUTION:

A.H.Q. R.A.F. ITALY. COMMUNICATION SQUADRON.
R.A.F. BRINDISI.
A.S.C. NORTH ITALY.
AIR FORCES SUB COMMISSION A.C. ROE.

INTERNAL:

UNIT SIGNALS OFFICER.
B.C.F.1.

Air Commodore,
Senior Air Staff,
AIR HEADQUARTERS, R.A.F. ITALY.

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182

Air Commodore,
Senior Air Staff,
AIR HEADQUARTERS, R.A.F. ITALY.

DISTRIBUTION:

A.H.Q. R.A.F. ITALY. COMMUNICATION SQUADRON.
R.A.F. TRINDISI.
A.S.C. NORTH ITALY.
AIR FORCES SUB COMMISSION A.C. ACIE.

INTERNAL:

UNIT SIGNALS OFFICER.
B.C.F.1.



SS29/SIGS 3A

From : Air Forces Sub Commission, A.C., Rome.

To : Italian Air Ministry.
Director of Communications.

File

Date : 2nd May 1946.

Ref : AFSC/AIR/S529/SIGS.

W/T AND R/T INTERFERENCE.

The attached copy of A.H.Q. Italy's letter reference AHQI/S4307/4/SIGS is forwarded for necessary action.

2. It would be appreciated if you would forward any information on the above lines which you can obtain, by the 17th May 1946, to this Sub Commission.

Awkey etc
for A.T. RAY S/Ldr.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

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C O P Y

S529 / sigs 3B

From : Air Headquarters, Royal Air Force, Italy.

To : Air Forces Sub Commission etc.

Date : 29th April 1946.

Ref : AHQI/S4307/4/Sigs.

PRECIPITATION STATIC.

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- (e) The value of any static leaks or any other form of anti-static devices fitted.
- (f) Decrease of range by static interference ^{ON} VHF. 180

? ? ?
Air Commodore,
Senior Air Staff,
AIR HEADQUARTERS, R.A.F. ITALY.

2A

FROM : AIR FORCES SUB COMMISSION, AC. ROME
TO : AIR HEADQUARTERS, ROYAL AIR FORCE, ITALY.
DATE : 21ST JANUARY, 1946
REF. : AFSC/AIR/S.529/SIGS. *End*

INTERFERENCE ON POINT TO POINT.

Reference is made to your letter ref. AHAI/S.4310/4/Signals, dated 15th January 1946 on the subject of interference on the frequency 5925 Kc/S., and information subsequently passed by telephone.

2. The pre war schedule of International Callsigns lists the following :-

IKB - BOLZANO,

IKO - ROME.

IKL - OHIO,

ILO - ORBETELLO.

Of these Callsigns only IKO can be identified as a station operating on R.A.15, 5920 Kc/S. Nothing is known at the Italian Air Ministry of the callsigns IKO1 and IKB6.

3. In reference to para. 2 of your letter the action taken by the Italian Air Ministry was to signal all stations on the service R.A.15 stressing the necessity of accurate tuning. Although stations are in possession of wave meters, these are not standard instruments. Action is now being taken to provide the W/T Stations of the C.A.V.'s with accurate wavometers.

179

End
E.W. FREEMAN, F/IT.
FOR AIR VICE MARSHAL
AIR OFFICER COMMANDING
DIRECTOR A.F.S.C.



Sigs. file - S. 529/Sigs

1A

B.F.

From:- Air Headquarters, Royal Air Force, ITALY.

To:- Air Division Allied Commission, Rome.
(Attention F/Lt. Freeman).

Date:- 15th January, 1946.

Ref:- AHQI/S.4310/4/Signals.

INTERFERENCE ON POINT TO POINT.

Heavy interference is being experienced on 5925 Kc/s
(the day frequency for MED.1022) from Italian Air Force
stations on 5920 kc/s.

2. It is requested that all Italian Air Force W/T units
be informed of the necessity for accurate transmitter tuning
and that the accuracy of their wavemeter is checked.

for W. Le Henning Pen 7/c
Air Vice Marshal,
Air Officer Commanding,
AIR HEADQUARTERS, R.A.F. ITALY.

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BEP.



