

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

785017

ACC

10000/135/232

10000/135/232

IAF FREQUENCIES
JAN. - DEC. 1946

From : Air Ministry. Inspectorate for Telecommunications & Aircraft Safety.
To : A.F.S.C., A.C., Rome.
Date : 16th November, 1946.
Ref. : ---

I.A.F. Mobile Radio Service.

With new stations installed to cope with the increasing Air Traffic great difficulties are encountered by telecommunication & aircraft safety divisions in as much as communication channels allocated to these ends are saturated with communications and unable to handle all the traffic.

These conditions are felt very seriously owing to the winter season and the opening of new civilian air lines.

This Inspectorate is therefore of the opinion that it is necessary to improve the service and -while improving the discipline of radiocommunications and selecting with care the Wf stations according to new requirements- ^{TAKES} this opportunity of pointing out to the A.F.S.C. the necessity of increasing, even slightly, the number of frequencies allocated to this Air Ministry.

102

- 1) Service I (radiogoniometres in M.F.) 333 kc/s. A new frequency would be required for this service in order to enable centres of important traffic to direct approach and landing beams to two aircraft at the same time (frequencies suggested 327 kc/s or 345 kc/s).
- 2) Service III (Liaison, aircraft- ground station in H.F.) 4781 kc/s.
 - a) This channel adopted by aircraft (quite often in large number) and ground stations is saturated with communications. This is also due to the characteristics of H.F. so that an aircraft in the vicinity can be received with difficulties, while another one from a distance would interfere, unknowingly, with communications in course. It is therefore of my opinion to give slightly different frequencies to the a/c transmitter sets and to the ground transmitting stations; the a/c sets with the crystals already fixed would stay on the 4781 kc/s band, while the ground station could adopt 4770 kc/s or 4790 kc/s.
 - b) Moreover it would be useful to supply continuous information to flying aircraft of the MEF conditions at the Appennines passes between the Center and Northern Italy (Cisa, Giovi, Porretta and Piobbico). The collecting of information and the transmission of the MEF reports could be done by the Bologna W.T. station. While there are no special difficulties as to the gathering of information, transmissions of same should be on a frequency very close to the 4781 kc/s. so that the wops would not have to go off his normal frequency.
- 3) Service VI (approach R.D.F). As known to the A.F.S.C., only two frequencies have been allocated to this service: 320 & 421. So that in an area where there are a number of airfields (such as Rome) with approach beacons at a few Kms distance from each other, slight mistakes occur, while taking bearings on two stations using the same frequency. Moreover the Office controlling Air traffic in Rome area has asked that a radio beacon of low power be set in the vicinity of Pratica di Mare, between Ostia and Anzio, in order to help the operations of Italian aircraft flying "IFR" without interfering with the movements of other aircraft. In order to comply with this request another frequency to be chosen in the 421 kc/s band should be allocated to this end.

Awaiting the favour of a reply

for the Inspector - Col.

From : Air Ministry. Inspectorate for Telecommunications & Aircraft Safety.
 To : A.F.S.C., A.C., Rome.
 Date : 16th November, 1946.
 Ref. : ---

I.A.F. Mobile Radio Service.

With new stations installed to cope with the increasing Air Traffic great difficulties are encountered by telecommunication & aircraft safety divisions in as much as communication channels allocated to these ends are saturated with communications and unable to handle all the traffic.

These conditions are felt very seriously owing to the winter season and the opening of new civilian air lines.

This Inspectorate is therefore of the opinion that it is necessary to improve the service and -while improving the discipline of radiocommunications and selecting with care the ~~WT~~ stations according to new requirements - ^{TAKES} this opportunity of pointing out to the A.F.S.C. the necessity of increasing, even slightly, the number of frequencies allocated to this Air Ministry.

102

- 1) Service I (radiogoniometres in M.F.) 333 kc/s. A new frequency would be required for this service in order to enable centres of important traffic to direct approach and landing beams to two aircraft at the same time (frequencies suggested 327 kc/s or 345 kc/s).
- 2) Service III (Liaison, aircraft- ground station in H.F.) 4731 kc/s.
 - a) This channel adopted by aircraft (quite often in large number) and ground stations is saturated with communications. This is also due to the characteristics of H.F. so that an aircraft in the vicinity can be received with difficulties, while another one from a distance would interfere, unknowingly, with communications in course. It is therefore of my opinion to give slightly different frequencies to the a/c transmitter sets and to the ground transmitting stations; the a/c sets with the crystals already fixed would stay on the 4731 kc/s band, while the ground station could adopt 4770 kc/s or 4790 kc/s.
 - b) Moreover it would be useful to supply continuous information to flying aircraft of the MEF. conditions at the Appennines passes between the Center and Northern Italy (Cisa, Giovi, Porretta and Piobbico). The collecting of information and the transmission of the MEF reports could be done by the Bologna W.T. station. While there are no special difficulties as to the gathering of information, transmissions of same should be on a frequency very close to the 4731 kc/s. so that the wops would not have to go off his normal frequency.
- 3) Service VI (approach R.D.F.). As known to the A.F.S.C., only two frequencies have been allocated to this service: 320 & 421. So that in an area where there are a number of airfields (such as Rome) with approach beacons at a few Kms distance from each other, slight mistakes occur, while taking bearings on two stations using the same frequency. Moreover the Office controlling Air traffic in Rome area has asked that a radio beacon of low power be set in the vicinity of Pratica di Mare, between Ostia and Anzio, in order to help the operations of Italian aircraft flying "TFR" without interfering with the movements of other aircraft. In order to comply with this request another frequency to be chosen in the 421 kc/s band should be allocated to this end.

Awaiting the favour of a reply

for the Inspector - Col.



REPUBBLICA ITALIANA

Ministero dell'Aeronautica
COMANDO SUPERIORE AERONAUTICA

Divisione Radiotelegrafia - Sez. 1^a

Prot. N. 415881/3-2 Allegato 387. C.S.

16 NOV. 1946

Al L. A.F.S.G. / A.C.

tramite Ufficio Collegamento

= S E D E =

Disposta al f. N. 11
OGGETTO Servizio mobile a-di radiodiffusione. All' A.M.

e per conoscenza : ALLO S.M.A.M. 1° Reparto = S E D E =

Con l'aumento del traffico aereo sull'Italia, con l'apertura di nuove stazioni R.F. ed ibite a tale scopo, si nota ormai una situazione complessivamente difficile nel campo delle telecomunicazioni e dell'assistenza al volo, in quanto, i canali, a tale scopo impiegati, risultano spesso insufficienti e saturi di comunicazioni e i sistemi per l'assistenza al volo non soddisfanno più integralmente le aumentate esigenze.

Quanto sopra è maggiormente sentito data la stagione invernale e per l'apertura in corso, ed in parte già avvenuta, di un cospicuo numero di linee aeree civili.

Fertanto questo Ispettorato è del parere che sia necessario apportare miglioramenti al servizio in genere e, mentre sta adottando provvedimenti di propria pertinenza, come una migliore disciplina delle radiocomunicazioni e una accurata selezione delle stazioni RT, in base alle nuove necessità d'impiego, d'altra parte si permette far presente a codeste A.C. l'opportunità di ampliare, almeno in minima parte, il numero delle frequenze attualmente in distribuzione all'A.M.

1°) SERVIZIO 1 (Radiogoniometria in M.F.) kc/s 333. =

Per questo servizio occorrerebbe assegnare una nuova frequenza (che potrebbe essere o kc/s 327 o 345 o altra simile) per permettere ai Centri di maggior traffico di assicurare l'assistenza all'avvicinamento e all'atterraggio, contemporaneamente a due velivoli, di poco sfalsati tra loro.

2°) SERVIZIO 3 (Collegamento aereo-terra in A.F.) kc/s 4781. =

Prot. 31.415884/3-2. Allegati 3187. R.L.

Disposta al f. n. 10

Oggetto Servizio mobile a-di radiodiffusione, dell'A.M.

e per conoscenza : ALLO S.M.A.M. 1^o Reparto = S E D E =

Con l'aumento del traffico aereo sull'Italia, con l'apertura di nuove stazioni R.T. edite a tale scopo, si nota ormai una situazione complessivamente difficile nel campo delle telecomunicazioni e dell'assistenza al volo, in quanto, i caselli, a tale scopo impiegati, risultano spesso insufficienti e saturi di comunicazioni e i sistemi per l'assistenza al volo non soddisfano più integralmente le aumentate esigenze.

Quanto sopra è maggiormente sentito data la stagione invernale e per l'apertura in corso, ed in parte già avvenuta, di un cospicuo numero di linee aeree civili.

Intanto questo Ispettorato è del parere che sia necessario apportare miglioramenti al servizio in genere e, mentre sta adottando provvedimenti di propria pertinenza, come una migliore distribuzione delle radiocomunicazioni e una accurata selezione delle stazioni RT, in base alle nuove necessità d'impiego, d'altra parte si permette far presente a codeste A.C. l'opportunità di ampliare, almeno in minima parte, il numero delle frequenze attualmente in distribuzione all'A.M.

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2^o) SERVIZIO 3 (Collegamento aereo-terra in A.F.) kc/s 4781.=

a) Questo canale, sul quale trasmettono sia i velivoli spesso in numero rilevante, che le stazioni di terra, risulta particolarmente saturo di comunicazioni. D'altra parte ciò è anche imputabile ~~anche~~ alle specifiche caratteristiche dell'Alta Frequenza, per cui può

/././



Ministero dell'Aeronautica

COMANDO SUPERIORE AERONAUTICA

Prot. N.°

Allegati

Risposta al P. N.°

del

OGGETTO

segue foglio

Il p. n.° 1000/1000, in cui si esprimeva l'opinione sulla necessità di istituire un servizio di controllo del traffico aereo nella zona di Roma, è stato approvato dal Consiglio di Amministrazione dell'Aeronautica.

ISTITUTO PERMANENTE DELLO STATO

verificarsi che un corrispondente vicino venga sedito con difficoltà, mentre uno lontano disturbi involontariamente delle comunicazioni in corso. Sarebbe quindi perere dello scrivente differenziare di pochi kc/s i trasmettitori di bordo da quelli di terra, e per far ciò, si potrebbe lasciare il trasmettitore di bordo sulla frequenza di 4781 kc/s, in quanto molti già quetzeti, e passare quello di terra su una nuova frequenza, molto vicina: per esempio 4770 oppure 4790 kc/s.

b) Inoltre sarebbe desiderabile far conoscere costantemente agli aeromaviganti le condizioni meteorologiche dei paesi Appenninici tra il Centro e Nord Italia. (Cisa, Giovi, Forretta e Picobbico.)

Le raccolte delle notizie ed il successivo periodico lancio potrebbe essere effettuato dalla stazione RT di Bologna; e mentre per la ~~veutà~~ non è necessario adottare apprezzabili cambiamenti, per il lancio invece, sarebbe consigliabile l'assegnazione di una frequenza molto prossima al campo di ~~760~~ kc/s per far sì che il recondista di bordo non debba allontanarsi molto dalla normale sintonia.

3°) SERVIZIO 6 = (Radiofaro d'avvicinamento.)

Come è noto e codeste A.C., per il suddetto servizio sono attualmente eseguite soltanto due frequenze = 320 e 421 kc/s.

Quindi può avvenire (come nel caso di Roma) che in una certa zona, comprendente vari aeroporti muniti di radiofaro d'avvicinamento e tra loro distanti solo pochi chilometri, si notino degli errori nello determinare l'angolo dei rilevamenti di due radiofari, emittenti sulla stessa frequenza.

Inoltre è stata richiesta dall'Ufficio per il controllo del traffico aereo nella zona di Roma, e ciò per agevolare le

Risposta al p. N. 1

Allegati

OGGETTO

segue foglio

verificarsi che un corrispondente vicino venga sedito con difficoltà, mentre uno lontano disturbi involontariamente delle comunicazioni in corso.

Sarebbe quindi parere dello scrivente differenziare di pochi kc/s i trasmettitori di bordo da quelli di terra, e per far ciò, si potrebbe lasciare il trasmettitore di bordo sulla frequenza di 4781 kc/s, in quanto molti già querezati, e passare quello di terra su una nuova frequenza, molto vicina: per esempio 4770 oppure 4790 kc/s.

b) Inoltre sarebbe desiderabile far conoscere costantemente agli aeronaviganti le condizioni meteorologiche dei paesi Appeanini tra il Centro e Nord Italia. (Cisa, Giovi, Forretta e Fiobbico.)

Le raccolte delle notizie ed il successivo periodico lancio potrebbe essere effettuato dalla stazione RT di Bologna; e ~~mentat~~ per la ~~veut~~ non è necessario adottare apprezzabili cambiamenti, per il lancio invece, sarebbe consigliabile l'assegnazione di una frequenza molto prossima al campo di ~~4781~~ kc/s per far sì che il ~~reconista~~ di bordo non debba allontanarsi molto dalle norme stazioni.

3°) SERVIZIO 6 = (Radiofaro d'avvicinamento.)

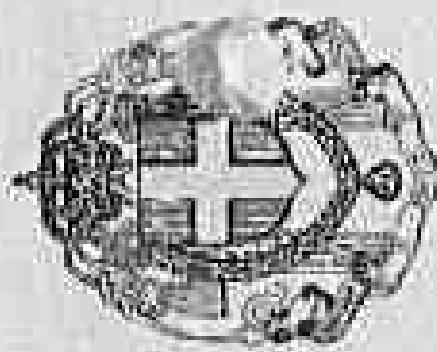
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Inoltre è stata richiesta dall'Ufficio per il controllo del traffico aereo nelle zone di Roma, e ciò per agevolare le manovre dei velivoli italiani in volo "IFR" e che debbano evitare nella zona stessa, nonché per non disturbare nel contempo il movimento degli altri velivoli, l'apertura di un radiofaro di piccole potenze nelle vicinanze di Pratona di Mare, tra Ostia ed Anzio.

Pertanto per poter far ciò è indispensabile l'esecuzione

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Ministero dell' Istruzione.

COMITATO SUPERIORE AERONAUTICA

Proct. No.

Illegati

Risposta al f. c. N. ² del _____

OGGETTO

113

segue foglio.....

di una terza frequenza che potrebbe essere scelta nella gamma dei 421 kc/s, e con la quale assicurare l'efficienza del servizio. =

Si rimane in attesa di conoscere quanto verrà disposto in merito da codesto A.C. =

per l'ASPIETTORE t. 9.
(COL. D. LIBRI)

(Col. D. Tibbitts)

John

ESTADO POLITICO DE LOS ESTADOS

Il. Kath. Friedländer in Schwabenstein am 12. September.

LISA
E/

From : INSPECTORATE OF COMMUNICATIONS AND FLYING CONTROL
RADIO ELECTRIC DIVISION
SECTION I

To : AEROTELE BARI
for information:
A.F.S.C. A.C. ROME

Date : 10th December 1946

TELEMETAREO 416077/84/3992 Coll. IT IS NOTIFIED THAT THE BARI RADIO BEACON HANDED OVER BY THE ALLIES WILL FUNCTION ON A FREQUENCY OF 427 Kcs. (427) WITH A CALL SIGN IKU (IKU) THROUGHOUT THE 24 HOURS AND WITH A POWER OF 300 WATT./ CONTROL TOWER, SAME AIRPORT WILL HAVE TO FUNCTION ON FREQUENCY OF 116,1 AND 114,84 M.C.S./ REQUEST NOTIFY ORIGINATOR OF DATE SERVICES ARE READY TO OPERATE, SO AS TO DECIDE INAUGURATION DATE OF SERVICE./

LT. COL. GIANBANTI

98

S518

/SICS.

Mod. 56-E



MINISTERO DELL'AERONAUTICA

Indicazioni d'urgenza	Circuito d'inoltro
TELEGRAMMA MINISTERO DELL'AERONAUTICA ISPETTORATO DELLE TELECOMUNICAZIONI	

Spedito il 4.16.07 ^{E DELL'ASSISTENZA DEL VOLO} _{per circuito N.}
 all'Ufficio di Divisione Radiotelegrafica _{Senza} _{Costituente}

QUALIFICA	DESTINAZIONE	PROVENIENZA	NUMERO	PAROLE	Data di presentazione	
					Giorno	Ora e minuti

AEROTELE BARI

et p.c. A.P.S.D./A.C. - Trasite UTC. Colleg.to

416077/8-4/3992 call
 INTERSTAZIONE... COMITISSA DI RAYCOPANO
 ORDITO AEROPORTO BARI DA ALLRATI DOVRA' PUNZIONARE SU
 FREQUENZA 427 KC/S (427) CON TONITRIVO IKU (IKU) ORARI
 CONTINUATIVO ET CON POTENZA 300 ATT AURELIA /./ TORRE
 CONTROLLO PRESSO AEROPORTO DOVRA' ASSICURARE FUNZIONAMENTO
 FREQUENZA 116,1 ET 114,84 KC/S /./ PERGAST DARE COMUNICAZIO
 NE AVVERTITO APPROTTAMENTO SERVIZI SUDDETTI PERCHER' SERI-
 VENTE POSSA STABILIRE DATA ENTRATA IN FUNZIONE /./

97/8

TEN. COL. GIANSAINTI

ricevuto e 11/12

HHA
(E)

From : Ministro Aeronautica (Telecommunication Section)
To : Air Forces Sub Commission, Allied Commission Rome
Date : 3rd September 1946
Ref : 415150/3-2/3110 Coll

WINTER FREQUENCY FOR THE RESCUE SERVICE

Following the request by the Rescue Service we kindly ask the Sub-Commission to consider assigning a frequency for the R.T. liason service during the winter period, for the Rescue Service.

The above is requested because the frequencies of 5622,5 Kc/s and 3805 Kc/s, did not give, good results during the various tests carried out, only the frequency of 6500 Kc/s in this last period (July-August) gave good results, but this judgment cannot yet be considered definite.

Therefore, because the frequency of 6500 Kc/s needed to fulfill the necessities of the Italian Rescue Service, limited to a range of action not very wide, could give inconvenience during the winter and in some cases slow down the service, we propose the assignment of a frequency around the 4500 Kc/s, which could be tried out in the coming Autumn and Winter.

THE INSPECTOR OF TELECOMMUNICATION
(Ten. Col. A. DE. VINCENTI)

96

Translated by Sgt. M. Albertini.

787
12/9 7/9

5518 1/5

Wed 1281

3rd SET, 1946 10 A

MINISTERO DELL'AERONAUTICA
RISERCHIA E RELAZIONI TELECOMUNICAZIONI

E DELL'ASSISTENZA DEL VOLO

Divisione Radiotelettrica - Sez. 1^a

ALLA.F.S.C./S.C.

Tramite Ufficio Collegamenti

4500

2110 Ball.

Prot. 90 413/50/3. W. 10/11

Proposta al f. 29. 10.

Oggetto: Frequenza invernale per il Servizio del Soccorso. -

Su richiesta del servizio del Soccorso si prega codesto S.C. voler considerare l'opportunità di assegnare fin da ora una frequenza che assicuri il collegamento R.T. durante il periodo invernale, per il servizio del Soccorso.-

Quanto sopra si richiede in considerazione che le frequenze di 5622,5 Kc/s e 3805 Kc/s, non hanno dato, nelle varie prove effettuate, risultati soddisfacenti e solamente la frequenza di 6500 Kc/s in quest'ultimo periodo (Luglio-Agosto) ha dato un buon risultato, sebbene questo giudizio non possa ancora considerarsi definitivo.

Tenuto conto quindi, che la frequenza di 6500 Kc/s per le necessità del Servizio del Soccorso Italiano, che è limitato ad un raggio d'azione non rilevante, potrebbe, per il periodo invernale, dare degli inconvenienti ed in certi casi mettere in crisi il servizio stesso, si proporrebbe l'assegnazione di una frequenza intorno a 4500 Kc/s, che nel prossimo autunno ed inverno potrebbe così essere sperimentata.

~~L'ISPETTORE DELLE TELECOMUNICAZIONI~~

Verdacht - r. m. -

5

Tramite Ufficio Collegamenti

S E D E

Divisione Radiotelegrafica - Sez. 1^a
E DELL'ASSISTENZA DEL VOLODivisione Radiotelegrafica - Sez. 1^a

3110 Coll.

3110 Coll.

Risposta al p. 3110

OGGETTO: Frequenza invernale per il Servizio del Soccorso. -

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Tenuto conto quindi, che la frequenza di 6500 Kc/s per le necessità del Servizio del Soccorso Italiano, che è limitato ad un raggio d'azione non rilevante, potrebbe, per il periodo invernale, dare degli inconvenienti ed in certi casi mettere in crisi il servizio stesso, si proporrebbe l'assegnazione di una frequenza intorno a 4500 Kc/s, che nel prossimo autunno ed inverno potrebbe così essere sperimentata. -

L'ISPIRATORE DELL'OPERA TELECOMUNICAZIONI

(Ten. Col. r. m. - F. DE VINCENZI)

95

Vincenzo

file

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

To : Italian Air Ministry
Directorate of Communications.

Date : 08 October 1946.

Ref : AFSC/AIR/5518/SIGS

AIR 31A RESCUE "FLASH" FREQUENCY

Reference conversation S/Ldr. Ray - L/Col. DeVincenti
you are informed that the frequency of 6180 Kc/s has been allotted
to the I.A.M. for the use of A.F.R. Centers as a "flash" frequency.

2. This channel should not be abused by using it for other
traffic as good reception on this frequency is essential.

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

42A

From:- Chief Signals Officer, A.H.Q. R.A.F. Italy.

To:- Air Force Sub Commission Rome (Attn S/Ldr Ray.).

Date:- 27th September 1946.

Ref:- AHQI/S.4560/1/Signals.

Allocation of High Frequency.

Herewith confirmation to telecon S/Ldr Ray and F/Lt Tocher of this Headquarters re allocation of frequency for Italian Air Force Aircraft Safety Centres.

2. Headquarters Medme confirm that 6180 Kc/s has now been cleared for this function specified to the C.S.O. this Headquarters.

3/10
WY P718
SSIB / Sig

Locher

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

C.A.V. → ASR "Flash" frequency - 93
aib

file

From : Air Forces Sub Commission, A.C., Rome.
To : Italian Air Ministry
Directorate of Communications.
Date : 17th September 1946.
Ref : AFSC/AIR/2512/SIGS

FREQUENCIES - I.A.F.

Reference is made to your 415276/1-26/1222 GALL dated 15th Sept.

2. It is regretted that a frequency cannot be authorized for the use of Italian A/C flying over foreign countries.

Presumably the frequency for this facility will be decided by the I.I.C.A.O. Conference now being held in London and which is attended by L/Col. deVincenti.

Awkay sk
for A.E. RAY R/Lt.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

file

4019

(=)

From : Ministero Aeronautica (Telecommunication Inspectorate)

To : Air Forces Sub Commission, Allied Commission ROME

Date : 13th, September 1946

Ref : 415278/3-20/3222 Coll.

REQUEST FOR A FREQUENCY FOR THE ASSISTANCE OF ITALIAN
A/C FLYING OVER FOREIGN COUNTRIES

We propose to the A.F.S.C. the assignment, to the writer of this letter, a frequency to be used only for the assistance to Italian A/C flying over foreign countries.

We kindly ask, you to authorise the use of the frequency of 7692 Kc/s, or another one near to this one.

Awaiting a favourable reply regarding the above mentioned, we point out that the above mentioned frequency will only be used from Rome.

THE INSPECTOR

(Col. A.A.r;n. D. LIBRI)

91

Translated by Sgt. Albertini. M.

18/9
P432
S518 - /SICS.

Mod. 125*



Ministero dell'Aeronautica

X. COPIA TACCO SUPERIORE AERONAUTICA

Roma, 13 SET. 1943

10 A

All'ARSO/AC TRAMITE
UFFICIO COLLEGAMENTO

= 3 E D 3 =

Prot. N. 415278/3-20 allegati
3222 Col.

Risposta al P.M. del

OGGETTO: Richiesta frequenza per l'assistenza dei velivoli
Italiani in missione all'estero.

Il capo della Divisione Aeronautica e il capo della Divisione Aeronautica

Si prospetta a codesta A.F.S.C. l'opportunità di assegnare, allo sorvente, una frequenza da utilizzare soltanto per l'assistenza ai velivoli Italiani in missione all'estero.

Si prega, all'uopo, di autorizzare l'uso della frequenza di Kc/s 7652, o altra prossima a questa.

In attesa di un cortese sollecito riscontro in merito, si fa presente che la predetta frequenza sarebbe utilizzata solo da Roma.

P. L'ISPIETTORE t.a.

(Colonnello A.A.R.S. = D. LIBRI)

44
98

39A

From : Air Forces Sub-Commission, A.C. ROME.
To : AMQ HEAR, R.A.F. ITALY.
Date : 21st August, 1946.
Ref. : AFSC/AIR/5518/5183.

LINATE AIRFIELD - CONTROL TOWER
FREQUENCIES

Reference is made to conversation W/Cdr. DOD - S/L. RAY at A.P.S.C. on August, 20th, 1946.

2. It is requested that the following frequencies be set up on the radio installations on the Control Tower Linate: -

(a) V.H.F.

6550 $\pm$ 18	Kc/s	-	117.9	Mc/s.
6450 $\pm$ 18	" "	-	116.1	" "
6380 $\pm$ 18	" "	-	114.84	" "

Channels to be duplicated as far as crystals will allow including use of S.O.R. or TR 1143 if possible.

(b) H.F.

6440 Kc/s.

3. The necessary crystals are already held by the I.A.F. at Linate.

4. It is requested that this Sub-Commission be kept informed of the arrangements you make for the completion of the installation.

A. W. Ray
A. W. RAY, S/LR.,
FOR AIR VICE MARSHAL,
DIRECTOR,
A.P.S.C.

Copy to: - A.P.S.C. Detachment - MILAN.

- I.A.M.

*file**38A*

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

To : Italian Air Ministry
Directorate of Communications

Date : 28th May 1946.

Ref : AFSC/AIR/S518/SIGS

I.A.F. FREQUENCIES - M/F ALLOCATION.

Reference is made to your letter 410582/1-14/1369 Coll
dated 5th April 1946. *31A*

2. You are informed that the frequency 360 Kc/s has been allocated to the Italian Air Ministry for D/F training in all Italian Zones. Authority is therefore given for its use for this facility.

A.W. Ray

for A.W. RAY S/Ldr.
Air Vice Marshal,
Director,
Air Forces Sub Commission. *85*

37A

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

To :- Air Force Sub-Commission, Allied Commission, Rome.

Date :- 22nd May, 1946.

Ref :- AHQI/S.4360/Sigs.

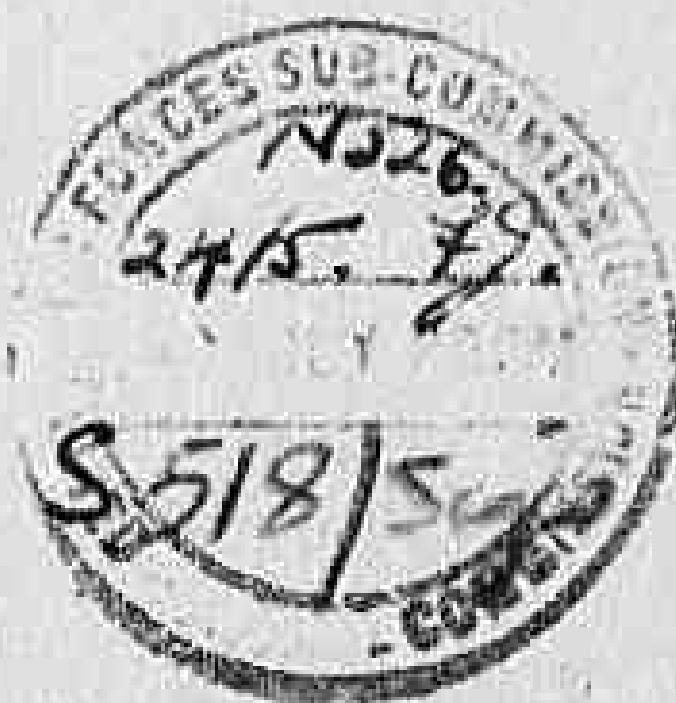
MEDIUM FREQUENCY ALLOCATION - I.A.F.

With reference to your letter AFSC/Air/S.518/Sigs, dated 8th April 1946, the Combined Communications Board, Middle East, have allocated the frequency 360 Kc/s to the Italian Air Ministry. The frequency may be used for D/F training in all Italian zones.

32A

A. R. Tidmarsh
F4/Lt.

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



From: The Air Ministry:
Department for Communications
Radio Section

To : Airforces Subcommission
Allied Commission, Rome.

Date: May 7, 1946.

Ref.: 410723/1-14/ 1824 Coll..

Subject: Frequency R.A. 3780-2910 Kc/s.

With reference to the letter 518 of April 26, we are informing you that the frequency 3780 Kc/s is at present still used for night service by the stations RT of the R.A. (service 12/14)

Action is being taken for the changing of the transmitters for the purpose of using the frequency 2910 Kc/s, however, this department is not in a position to fix the presumable date of the frequency's change.

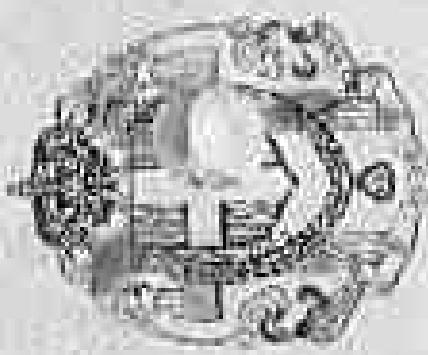
In any case this command shall be notified of the above mentioned change in advance..

Director of Communications
(Lt.Col. A.A.r.n.A.DeVincenti)
/s/ Giansanti.

Translation by
Stasha Furlan



Handwritten signature



Ministero dell'Aeronautica

MINISTERO dell'AERONAUTICA
DIREZIONE COMUNICAZIONI

SEZIONE RADIO

UFF. Organismo ed Esercizio
17-14 Maggio 1924

OGGETTO Frequenza R.A. 3780-2910 Kc/s. =

Al L'A.F.S.C./A.C.

= R O M A =

Con riferimento al foglio 518 del 26 Aprile, si comunica che da parte delle stazioni HT della R.A. (servizio 12/14) attualmente viene ancora adoperata, per il traffico nelle ore notturne, la frequenza di 3780 Kc/s.

Sono in corso i lavori per la modifica dei trasmettitori allo scopo di poter usufruire della frequenza 2910 Kc/s, ma questa Direzione non è in grado di precisare la data presumibile del cambio della frequenza.

In tutti i modi codesto Comando verrà preventivamente avvisato del suddetto cambio.



IL DIRETTORE DELLE COMUNICAZIONI

Gen. Col. A. G. ... De Vincenzi

Gianbattista

Il capo Ufficio per ogni lettera in cui si esprime un'opinione o un'osservazione

ISTITUTO POLIGRAFICO DELLO STATO

From:- Air Headquarters, Royal Air Force, ITALY. 35A

To:- Air Forces Sub-Commission, Allied Commission, ROME.

Date:- 12th April, 1946.

Ref:- AHQI/S.4360/Signals.

ALLOCATION OF A M. FREQUENCY TO THE I.A.F. 32A

Reference your letter AFSC/AIR/S518/Signals. dated 8th April, 1946.

2. Headquarters, R.A.F. MEDME have been asked to obtain a frequency allocation from the Combined Communications Board Middle East. You will be advised.



Greenlight/Spec
for Air Vice Marshal,
Air Officer Commanding,
AIR HEADQUARTERS, R.A.F. ITALY.

Ans. 84

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

To : Italian Air Ministry,
Communications Directorate.

Date : 26th April 1946.

Ref : AFSC/AIR/S.518/SIGS.

*BF C.S.O.
3/5/46*

ITALIAN AIR FORCE FREQUENCIES - 3780/2910 Kc/S.

ISA
It is desired to refer to your Headquarter's letter ref. 410179/1-11/887 Coll, dated 19th February 1946, which detailed the allocation of night frequencies in use on certain R.A. W/T circuits. This Sub Commission's letter ref. AFSC/AIR/S.503/SIGS, dated 19th March 1946 also refers.

2. It is requested that this Sub Commission may be informed if the frequency 3780 Kc/S has now been replaced by 2910 Kc/S, or if not, when the change may be expected.

Elit
for E.W. FREEMAN P/LT.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

(33A)

From : Air Forces Sub Commission, A.C., Rome.
To : Italian Air Ministry, Communications Directorate.
Date : 12th April 1946
Ref : PIC/AM/S.518/SIGS

MEDIUM WAVE FOR DIRECTION FINDING EXERCISES

Further to this Sub Commission's letter of even reference dated 29th March 1946 and your Headquarters letter ref. 410582/1-14/1369 Coll dated 5th April 1946 it is advised that the request for allocation of a medium frequency for training in direction finding procedure and operating has been referred to Air Headquarters Royal Air Force, Italy.

2. In the meantime it is suggested that this training could well be carried out using the training frequency for Air Sea rescue exercises, 385 Kc/s. It is not expected that such a practice would cause mutual interference to any great extent.

3. It should be observed that the radiated transmission is subject to the power limitation of 400 watts.

4. Air Headquarters Royal Air Force, Italy is requested to note that this Sub Commission's letter of even reference, dated 8th April 1946, refers.

E.W.F.
for R.W. FREEMAN P/LT. 82
Air Vice Marshal,
Director
Air Forces Sub Commission.

Copy to: Air Headquarters, Royal Air Force, Italy.

From : Air Forces Sub Commission, A.C. Rome.
To : Air Headquarters, Royal Air Force, Italy.
Date : 8th April 1946.
Ref : AFSC/AIR/S.518/SIGS.

BF. 15/4

MEDIUM FREQUENCY DIRECTION FINDING - TRAINING
FREQUENCY.

Italian Air Ministry has requested that a medium frequency may be allocated in all Italian Zones for the purpose of training air and ground signals personnel in D/F operating and procedure.

2. The scheme for training could be operated from any of the MF D/F stations guarding the international frequency 333 Kc/s without interference to that service, as duplicate equipments are installed in all stations. A separate frequency is desired to avoid the possibility of congestion on 333 Kc/s (and the alternative at Milan and Venice of 340 Kc/s).

3. The request is forwarded for your consideration.

EW Freeman

E.W. FREEMAN F/LT.

for Air Vice Marshal,

Director

Air Forces Sub Commission

81

FROM : AIR MINISTRY
Organization Office

TO : A.F.S.C. A.C.
(Through Liaison Office) ROME
STATO MAGGIORE

DATE : 5TH APRIL 1946

REF : 410582/1-14/1369 Coll

31A
Sig
(7)

File S.518/sigs
Actioned
EWG

REQUEST FOR MEDIUM WAVE

Reference is made to letter No. AFSC/AIR/5518/SIGS/tel. dated 29/3/1946.

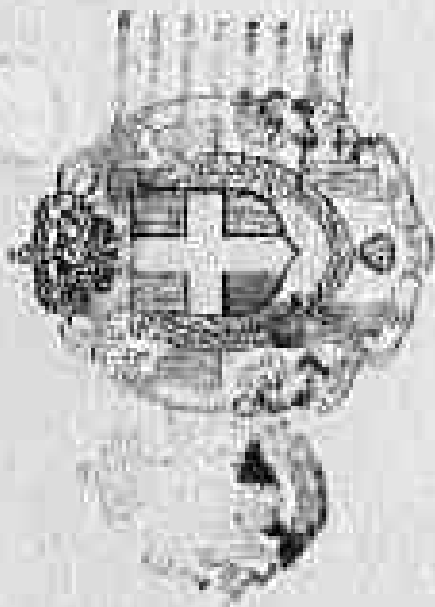
Following the request submitted with letter No. 410490/tel. dated 21/3/1946, we communicate that the assignment of another medium frequency is required by this Office. The said frequency, which shall be different from 340 kilocycles will be used for the training of flying units for locating fields without hampering the traffic on the frequency of 340 kilocycles previously granted.

80

THE DIRECTOR FOR COMMUNICATIONS
/s/ Lt. Col. DE VINCENTI

8/11 N h 56
up.
518/sigs

Mod 120



Ministero dell'Aviazione

MINISTERO DELL'AVIAZIONE
IL MINISTRO NAUTICA

SEZIONE RADIO

UFF. Organi di Esercizio

Prot. N. 210582/1-14 Magda

1369 cd

e.p.c.

ALLO STATO MAGGIORE R.A.

S.E.D.E.

Risposta al p. N. 2

OGGETTO

: Richiesta onda media.

A chiarimento di quanto richiesto con il foglio n° 410490/tel, del 21/3/1946, e con riferimento al foglio n° AFDC/ALM/5510/5105, del 29/3/1946, si comunica che occorrerebbe a questa Direzione l'assegnazione di un'altra frequenza media, differente da 340 Kc/s. per utilizzarla a scopo di allenamento dei reparti di volo sulla ricerca campo senza intralciare il traffico sulla frequenza già concessa 27940

Kc/s.-

IL DIRETTORE DELLE COMUNICAZIONI

(Ten. Col. Pil. A. DE VINCENZI I. 78)

h.

Launders



Il p. N. 210582/1-14 Magda
il p. N. 210582/1-14 Magda

STATO NAUTICA

307

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

To : Italian Air Ministry,
Communications Directorate.

Date : 29th March 1946.

Ref : AFSC/AIR/S.518/SIGS. *LF 8/4*

MEDIUM WAVE FOR DIRECTION FINDING EXERCISES *29A*

Reference is made to your letter ref.410490/TEL/1-14/1154 Coll dated 21st March 1946, requesting the assignment of a medium frequency for the purpose of training in direction finding technique.

2. It is not clear whether or not it is desired to extend the use of 340 Kc/s for this purpose, but if that is the intention provisional sanction for its use can be given.

3. It should be observed that the watches on 333 Kc/s at the MF D/F stations listed in the publication "Ordinamento & Regolamento del Servizio della Comunicazione ed Assistenza del Volo della R.A." should be maintained as specified. This should not present any difficulty as duplicate equipment is installed in the MF D/F stations.

4. Before taking action with Air Headquarters Royal Air Force Italy to authorise permission for this extension of 340 Kc/s it is desired that you will confirm that para 2 of your letter mentions this frequency in this connection. Alternatively is an altogether different medium frequency required?

787

for *Edith*
E.W. FREEMAN F/Lt.
Air Vice Marshal
Director
Air Forces Sub Commission

29A
(4)

FROM : ITALIAN AIR MINISTRY, COMMUNICATIONS DIRECTORATE,
RADIO SECTION, P.C.M.E.

TO : AIR FORCES SUB COMMISSION, A.C. ROME.

DATE : 21st March, 1946.

REF. : 410490/TEL/1-11/1154COLL.

REQUEST FOR MEDIUM WAVE FREQUENCY.

We would like to suggest that a medium wave frequency be assigned to this Directorate to train Flying Units on R.D.F. service without interfering with normal control traffic on 533/Kc/s.

Frequency 540 Kc/s is already being used by approach R.D.F. stations.

(Lt. Col. DE VINCENZI.)



77

Copy to :- I.A.F. "STATO MAGGIORE".

Mod 123

Roma. 21-3 - 1946



Ministero dell'Aeronautica
MINISTERO dell'AERONAUTICA

DIREZIONE COMUNICAZIONI

SEZIONE RADIO

Divisione U.S. Organizz. ed Espl.

Prod. N. 410490 / TEL. Legale

4-44 / 1154 Coll

e.p.c.

ALLO STATO MAGGIORE R.A.

Risposta al foglio del E E E

Dir. Sec. N.

OGGETTO: Richiesta onda media.-

Si presmetta a codesta A.F.S.C. l'opportunità di assegnare a questa Direzione un'onda media per addestramento dei reparti di volo per servizio radiogoniometrico senza intralciare il normale traffico di assistenza su 333 Kc/s.-

La frequenza di Kc/s. 240 è già irraggiata dai radiogoniometri di avvicinamento.-

IL DIRETTORE DELLE COMUNICAZIONI

(Ten. Col. Hil. A. DE VINCENZI.)

76

28A
(T)
FROM : ITALIAN AIR MINISTRY, COMMUNICATIONS DIRECTORATE,
ROME.

TO : AIR FORCES SUB COMMISSION, A.C., ROME.

DATE : 23RD MARCH, 1946.

REF. : 421306/1216 COLL.

CRYSTALS FOR 114.84 Mc/s; 17A

Reference your AFSC/AIR/S.518/SIGS. dated 14th February 1946, we would like to inform you that the crystals for 114.84 Mc/s, available at this Directorate, do not fit our sets.

We have in fact ascertained that these crystals are for sets 1133.

We would like to inform you that in order to meet our requirements No. 60 series of crystals (114.84 Mc/s) for V.H.F. and No. 14 series (114.84 Mc/s) for 1133 sets, *must be allocated to this Directorate.*

*Returned on 5.506/sip
29/3
Sip*
28/3
N/208
518/Sig
(LT. COL. DE VINCENTI)
=====

75



Ministero dell'Aeronautica

DIREZIONE COMUNICAZIONI

AIR FORCES

Sub Commission

a mezzo Uff/ collegamento

S E D E

Divisione

Prot. N. 212/306

Allegati

16

Risposta al Foglio del

Dir.

N. 2

OGGETTO Quarzi da 114,84 Mc/s.

Con riferimento al foglio AFSC/AIR/S518/SIGS del 14/2/40 si comunica che i quarzi da 114,84 Mc/s, in possesso della Scrivente, non si adattano agli apparati in dotazione.

E' stato infatti riscontrato che i quarzi stessi sono per apparati 1133.

Nel contempo si fa presente che per soddisfare la richiesta di Codesto Comando, occorrono n° 60 serie di quarzi (114,84 Mc/s) per V.H.F. e N° 14 serie (114,84 Mc/s) per apparati 1133. =

IL DIRETTORE DELLE COMUNICAZIONI
(Ten. Col. A. A. R. N. A. DE VINCENTI)

Giannini

74

Se prega l'ufficiale per ogni lettera un solo argomento e lo Scrivente o un si risponde.

STUDIO POLIGRAFICO DELLO STATO

27A

From : Air Forces Sub Commission, A.C., Rome.
 To : Air Forces Sub Commission Detachment Milan.
 Date : 26th March 1946.
 Ref : AFSC/AIR/3.518/3108.

LIMATE AIRFIELD - R/T AND W/T FREQUENCIES.

It is expected that the signals equipment of the Control Tower and the High Frequency Direction Finding Station will soon be serviceable and it is relevant to give advance information of the frequencies on which the equipments might be expected to operate.

2. The following frequencies are authorised for use by the

I.A.F.:- (1) Control Tower

H.F. R/T, 6440 Kc/s maximum radiated power 10 watts
 V.H.F. R/T, 6380x18 Kc/s, (114.34 Mc/s) ds. 30.10 watts
 (T 1131 operated on half power, S.C.R. or T.R. 1143)

(11) HF D/F W/T, 4781 Kc/s } Maximum radiated power 400 watts
 5622.5 Kc/s }

3. It may be a future requirement to operate certain frequencies in addition to the above either for the benefit of Allied aircraft, or for assistance in "fixing" aircraft in distress, in conjunction with other HD D/F stations. It is therefore advised that the apparatus should be calibrated for the following:-

(1) Control Tower V.H.F. R/T, 6550x18 Kc/s, (117.9 Mc/s),
 the common airfield control frequency used by Allied airfields in Italy.

V.H.F. R/T 6450x18 Kc/s, (116.1 Mc/s),
 the Emergency World Guard and distress frequency.

(11) HF D/F Station

4575 Kc/s }
 3105 Kc/s }

the day and night frequencies of the HF D/F distress fixing service operated in the Mediterranean.

4. Action has been taken by this Sub Commission to supply crystals for the control of frequencies at para 2, (i) and 3, (1).

Elect

S.W. FREEMAN R/T.
 Air Vice Marshal.

It is expected that the signals equipment of the Control Tower and the High Frequency Direction Finding Station will soon be serviceable and it is relevant to give advance information of the frequencies on which the equipments might be expected to operate.

2. The following frequencies are authorised for use by the I.A.M.

(i) Control Tower

H.F. R/T, 6440 Kc/s Maximum radiated power 10 watts
V.H.F. R/T, 6380x18 Kc/s, (114.84 Kc/s) dc.40.10 watts
(T 1131 operated on half power, S.C.R. or T.R. 1143)

(ii) HF D/F W/T, 4781 Kc/s } Maximum radiated power 400 watts
5622.5 Kc/s }

3. It may be a future requirement to operate certain frequencies in addition to the above either for the benefit of Allied aircraft, or for assistance in "fixing" aircraft in distress, in conjunction with other HD D/F stations. It is therefore advised that the apparatus should be calibrated for the following:-

(i) Control Tower V.H.F. R/T, 6550x18 Kc/s, (117.9 Kc/s), the common airfield control frequency used by Allied airfields in Italy.

V.H.F. R/T 6450x18 Kc/s, (116.1 Kc/s), the Emergency World Guard and distress frequency.

(ii) HF D/F Station

4575 Kc/s }
3105 Kc/s }

the day and night frequencies of the HF D/F distress fixing service operated in the Mediterranean.

4. Action has been taken by this Sub Commission to supply crystals for the control of frequencies at para 2, (i) and 3, (i).

for E.W. FREEMAN F/MT.
Air Vice Marshal,
Director,
Air Forces Sub Commission.

Copy for information to: I.A.M., Communications Directorate.

26A
(L)

FROM : ITALIAN AIR MINISTRY, COMMUNICATIONS SECTION, ROME.
TO : AIR FORCES SUB COMMISSION, A.C. ROME.
DATE : 24th MARCH 1946.
REF. : AMO/SC/TEL/7113 Coll

CHANGE OF FREQUENCY ON SERVICE No. 16

24A

Reference your AFSQ/AIR/3.518/SIGS dated 14th March 1946, we would like to inform you that instructions have been issued bringing into effect the change of frequency on Service No. 16 to 5955/Kq/s. as from 00.00 hrs on 24th March 1946.

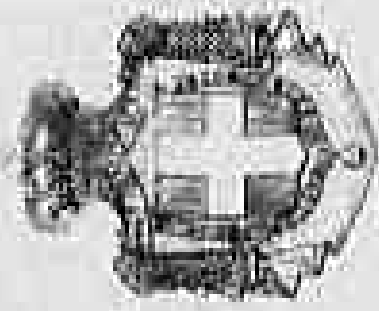
The frequency 5920/Kq/s will be considered closed as from the same date.

*No action
EW*

(Lt. Col. DE VINCENTI)

72





Ministero dell'Aeronautica

DIREZIONE COMUNICAZIONI
DIV. RADIOELETTICA

Divisione

Prot. N. 410480/1132

Esame

Proposta al Foglio del

Dir.

Sec.

N.º

Oggetto Cambio frequenza Servizio N.º 16.

Al L'A.F.S.C. - A.C. TRAMITE
UFFICIO COLLEGAMENTO

e per, Conosc. ALLO STATO MAGGIORE DELLA RA.

S E D E

S E D E

Con riferimento al foglio N.º AFSC/Air/S. 518/Sigs, del 14 corrente, si comunica di aver dato disposizioni perchè a partire dalle ore 00.00 del giorno 24 corrente il servizio N.º 16 venga svolto sulla frequenza di Kc/s. 5955.

Sotto la stessa data la frequenza di Kc/s. 5920 si intende ritirata.

IL DIRETTORE DELLE COMUNICAZIONI
(Ten. Col. Fil. - A. DE VINCENTI)

Giambattista

71

Il pannello di controllo per ogni attività deve essere mantenuto in stato di allarme e pronto all'uso.

STAMPATO IN ITALIA - 1955

From : Air Forces Sub-Commission, AG, Rome

To : AHQ, R.A.F., Italy

Date : 19th March 1946

Ref. : AF30/AIR/S.518/SIGS

FREQUENCIES - ITALIAN AIR FORCE

Reference is made to your Headquarter's letter AHQI/S.4360/1/SIGS, dated 22nd January 1946 allocating certain frequencies for the Italian Air Force.

2. This Sub-Commission has pressed the Italian Air Ministry for confirmation that the frequencies are suitable in order that their authorisation could be made firm, but delay in taking them into use has been occasioned by the fact that some of the I.A.F. transmitters do not include the range 2700-2900 Kc/s. This was not notified to this Sub-Commission at the time the frequencies were requested.

3. In order to make use of night frequencies wherever possible the allocation has been varied slightly and it is requested that your Headquarters will sanction these changes, in order that the position may be regularised. The frequencies authorised, and in use are tabulated below.

<u>Services</u>	<u>Authorised Frequency</u>	<u>Frequency in use</u>
RA 4	2910 Kc/s	2735 Kc/s
RA 8/10	2735 "	2700 "
RA 9/11	2700 "	3*780 " ^{to change to 2910}
RA 15	2920 "	2920 "

4. It will be observed that the frequency 3780 Kc/s. is still being used on service RA 9/11 but it is intended to substitute this by 2910 Kc/s as soon as transmitters have been modified to operate on this frequency. This Sub-Commission will not lose sight of the matter, and will inform you in due course when the change takes place.

EWB
 for E.W. FREEMAN F/Lt.
 AIR VICE MARSHAL,
 Director,
Air Forces Sub-Commission

24A

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

To : Italian Air Ministry,
Communications Directorate

Date : 14th March 1946.

Ref : AFSC/AIR/S.518/SIGS.

CHANGE OF FREQUENCY ON SERVICE No 16

22A

Reference is made to your letter ref.410290/TEL/1-16 dated 9th March 1946 and this Sub Commission's letter of even reference dated 27th February 1946 on the above subject.

2. It is confirmed that the frequency 5955 Kc/s is allocated for the service specified.

12A

3. The frequency 5920 Kc/s is withdrawn forthwith.

EWF
for E.W. FREEMAN F/LT.
Air Vice Marshal
Director
Air Forces Sub Commission.

64

23A

From : Air Forces Sub Commission, A.C., Rome.
To : Air Headquarters Royal Air Force, Italy.
Date : 14th March 1946.
Ref : AFSC/AIR/S.518/SIGS.

FREQUENCIES - ITALIAN AIR FORCE

11A

9A

Reference is made to this Sub Commission's letter of even reference dated 14th February 1946, and your Headquarters signal S.262 of 21st February 1946 concerning the change of frequency requested for the Inter - C.A.V. circuit, Section RA 15.

2. It is advised that the frequency 5955 Kc/s has been proved by the Italian Air Force and is satisfactory.

3. It is therefore requested that this allocation be confirmed and the frequency 5920 Kc/s withdrawn.

E. W. Freeman
E.W. FREEMAN F/LT.
for Air Vice Marshal
Director
Air Forces Sub Commission. 68

22A

518/SIGS.

AIR FORCES SUB COMMISSION A.C., ROME.

AIR HEADQUARTES, R.A.F., ITALY.

T.O.O. 141108 A

S.426

MARCH 14TH.

UNCLASSIFIED// BRINDISI MF BEACON CALLSIGN HU POSITION
40/38/46 N 17/52/09E POWER 1000 WATTS CHANGES FREQUENCY
FROM 405 KC/S TO 403 (R) 403 KC/S 0001 HOURS MARCH 16TH//
REQUEST PROMULGATE

for *EW*
J.G. WHITE
AIR VICE MARSHAL
DIRECTOR
AIR FORCES SUB COMMISSION

IMPORTANT

22 A
(T)

FROM : ITALIAN AIR MINISTRY, COMMUNICATIONS SECTION, ROME.
TO : AIR FORCES SUB.COMMISSION, A.C., ROME.
DATE : 9TH MARCH 1946.
REF. : 410290/TEL./1 - 16.

CHANGE OF FREQUENCY ON SERVICE NO. 16.

12 P
In reply to letter No. 518 dated 26th February 1946,
we would like to inform you that the tests carried out on
frequency 5955 Kc/s have given good result.

Will you kindly confirm the use of the above frequency
for Service No. 16 instead of the old 5920 Kc/s.

(LT. COL. A. DE VINCENTI)



Wed 1230

9361

M.A.T.E.O.

|| $\mathcal{O}(M^2)$ ||

Risposta al Foglio del
 Sig. N.º

Div. 1

OGGETTO Cambio frequenza servizio N. 6.

In risposta al foglio n°518 datato 26/2/46, si comunica che le prove effettuate sulla frequenza di Kc/s 5955 hanno dato esito positivo.

Si prega pertanto codesta A.P.S.U. voler confermare lo
impiego della suddetta frequenza in luogo di quella di Mc/s 5920
per l'espletamento del servizio n°15.

IL DIRETTORE DELLE COMUNICAZIONI
(Ten. Col. Fil. A. DE VINCENZI)

(Ten. Col. Fil. A. DE VINCENZI)

6. Cincinnati

21 A

From : Air Forces Sub-Commission, AC, Rome
To : AHQ, R.A.F., Italy
Date : 12th March 1946
Ref. : AFSC/AIR/S.518/~~515~~ SIGS.

ITALIAN AIR FORCES FREQUENCIES - LECCE

Reference is made to your Headquarters signal S.319 dated 4th March 1946 concerning the mis-use of the frequency 116.1 Mc/s.

2. Copies of this Sub-Commission's letter of even reference dated 14th February 1946 and the reply from AFSC Detachment Lecce, are forwarded for your information.

3. It is requested that this Sub-Commission may be informed if irregularities persist, so that if necessary the matter may be further pursued.

For

EWF
E.W. FREEMAN F/L
AIR VICE MARSHAL,
Director,
Air Forces Sub-Commission, AC

665

2 Encls.

26 A

FROM : ITALIAN AIR MINISTRY, COMMUNICATIONS SECTION, ROME. *CS*

TO : AIR FORCES SUB.COMMISSION, A.C., ROME.

DATE : 11 MARCH 1946.

REF. : 410316/1-7.

BRINDISI RADIO BEACON (AVERAGE POWER)

14 A

acknowledged

In reply to letter No. 518 dated 26th February 1946, we would like to inform you that the transmitting frequency of the Brindisi Radio Beacon will be altered to 403 Kc/s from 00.00 hs. on 16th March 1946.

(LT. COL. A. DE VINCENTI.)



20 A

Mod. 123*

Roma, 11 MAR 1946 19



Ministero dell'Aeronautica
DIREZIONE COMUNICAZIONI
DIVISIONE IV Sezione 1^a

L'AIR FORCES SUE COMMISSION

ROMA

e, P.O. ALLO STATO MAGGIORE DELLA R.A.

S E D E

Divisione

Lecce

Prot. N. 410316/1-7 Allegato

Risposta al Foglio del

Dir. Sec. N.

OGGETTO Radiofaro di media potenza di Brindisi.

In risposta al foglio N° 516 datato 26/2/1946, si comunica che la frequenza di emissione del radiofaro di Brindisi sarà cambiata in Kc/s. 403 a partire delle ore 00.00 del giorno 16 corrente.

IL DIRETTORE DELLE COMUNICAZIONI
(Ten. Col. Fil. = A. DE VINCENTI)



Li ausanti

63

63

Si prega di leggere per ogni lettera un solo argomento e indicare nella risposta il numero della lettera e la data di ricezione a cui si risponde.

ISTITUTO MILITARE DELLO STATO

Sigs file

5953

LRCP V LAKE NH 81
FROM AFMC RAF ITALY 041515A
TO AFSC AC ROME
BT

S 319 4 MAR UNCLASSIFIED . COMPLAINT RECEIVED FROM
BRINDISI IAF A/C AT LEGGE USING CHANNEL C
116.1 MCS FOR LANDING AND TAKE - OFF INSTRUCTIONS
CAUSING CONSIDERABLE INTERFERENCE
BRINDISI VHF D/F . IN VIEW 114.84 MCS SUPPOSED TO
BE OPERATIVE AT LEGGE FOR TOWER CONTROL REQUEST ACTION
BE TAKEN PREVENT

FURTHER MIS-USE CHANNEL 'C'
BT 041515A

RRPN 81 041515A
S 319 4 IAF A/C LEGGE C
116.1 MCS VHF D/F 114.84 MCS
SENT NR 81 LA R



Receiv.
042200

62

From: Air Forces Sub-Commission,
Allied Commission, LECCE.

To : Air Forces Sub-Commission,
Allied Commission, ROME.

Date: 6th, March, 1946.

Ref : AFSC/S/518/SIGS.

R/T FREQUENCIES.

Appended herewith are the frequencies at present in use
in the Flying Control, Lecce.

2. a) Transport Aircraft.

6440 Kc/s.

b) P.39's and Spitfires.

114.84 M/cs. (on Channel D)

c) Italian Fighters.

47.15 m/cs.

47.15 m/cs.

4715 Kc/s

A. Hart F/Lt.

A. HART. F/Lt.
Officer Commanding,
A.F.S.C. A.C.
LECCE.

Left

61



FROM : AIR FORCES SUB COMMISSION, A.C., ROME.
TO : ITALIAN AIR MINISTRY, COMMUNICATIONS DIRECTORATE.
DATE : 14th FEBRUARY 1946.
REF : AFSC/AIR/S.518/SIGS.

ITALIAN AIR FORCE FREQUENCIES.

In the course of the recent visit of the Chief Signals Officer of this Sub Commission, to Lecce, it was noted that the airfield control of aircraft on V.H.F. was set up to operate on World Guard frequency, (6450 x 18 Kc/S). This practice is contrary to the requirements of Headquarters Mediterranean and Middle East Signals Instrucion No. 25, which authorises under Service R.A. 5 the frequency 11484 Mc/S. for airfield control.

2. It is understood that crystals for the control of this frequency are now held by the I.A.F. and it is therefore requisite that the frequency change be introduced as soon as possible.

3. No objection is made to crystals for 116.1 Mc/S remaining installed, (in "C" button), In fact aircraft should carry this frequency in order to make use of the Allied V.H.F. distress service when and where applicable. The ground station may also retain crystals for the frequency, but it is not to be used except in emergency.

4. This Headquarters is to be notified when the required frequency change has been made.

EWF
E.W. FREEMAN F/LT.
AIR VICE MARSHAL
DIRECTOR
AIR FORCES SUB COMMISSION.

Translation : Sgt. TAYLOR

Date : 19/2/46

Ref. : 410179/1-11/887 Coll.

16 A

(T)

FREQUENCIES USED BY THE I.A.F.

In answer to letter n° 518 dated 11/2/46
The tests on the night frequencies assigned to us in the above mentioned letter, are in the process of being completed.
This Directorate before assigned these mentioned frequencies to radio stations at its dependences, has been compelled to modify or substitute many transmitter sets because they did not possess the scales 2700/2900 Kc/s.

As soon as it will be possible to insure a smooth running service on these new frequencies AFSC will be informed.

(Sgd) Officer Commanding Signals
(Lieut. Col. De VINCENTI A.)

Date : 6/3/46

Ref. : 410265/TEL/886 Coll.

14 A

FREQUENCIES USED BY THE I.A.F.

8 A

16 B
(K)

In answer to letter N° 518 dated 26/2/46
On the 19/2/46 this Directorate answered to letter n° 518 dated the 11/3/46, with a letter ref. 410179/1-11 of which a copy is forwarded.
At the same time, we are now in a position to inform AFSC that the frequencies we were given in letter n° 518 of the 21/1/46, have been distributed in the following order for the carrying out of night services:

Service N° 15	Kc/s 2735
" " 11/13	Kc/s 2700
" " 16	Kc/s 2920
" " 12/14	Kc/s 3780 (when the transmitter sets will have been further modified the service will be carried out on Kc/s 2910).

16 A

59



(Sgd) Officer Commanding Signals
(Lieut. Col. DE VINCENTI A.)

Mod. 123

Roma. 19 FEB 1948

Ministero della Sennautica

DIREZIONE GENERALE

SEZIONE RADIO

Uff. Organismo ed Servizio

Divisione

Prot. N. 2410179/1-11 Allegato

Al. A.F.S.C.

R O M A

Risposta al Foglio del

Dir. S. N.

OGGETTO: Frequenze in uso nella R.A.

Si risponde al foglio n° 518 dell'11/2/46.-

Le prove circa l'impiego delle frequenze notturne assegnate con detto foglio per vari servizi della R.A., sono in via di completamento.-

Questa Direzione prima di assegnare dette frequenze si trova nella necessità di modificare o sostituire alcuni trasmettitori in dotazione alle stazioni radio dipendenti per cui non comprendenti la gamma 2700/4900 Kc/s.-

In definitiva, non appena sarà possibile utilizzare in modo stabile le nuove frequenze assegnate, ne verrà data comunicazione a codesta A.F.S.C.

IL DIRETTORE DELLE COMUNICAZIONI

(Ten.Col.Pil. A. DE VINCENTI.)

E/to: GIANSAINTI.-

Per copia conforme.-

T. 2045 jls

Ministero dell'Interno

DIREZIONE GENERALE
SEZIONE RADIO

UFF. Organismo ed Servizio

Divisione

Prot. N. 410179/1-11 (Allegato)

Al. A.P.S.C.

R. C. M. A.

Resposta al foglio del
Dir. Se. N. 2

OGGETTO: Frequenze in uso nelle R.A.

Si risponde al foglio n. 518 dell'11/2/46.

Le prove circa l'impiego delle frequenze notturne assegnate con detto foglio per vari servizi della R.A., sono in via di completamento.

Questa Direzione prima di assegnare dette frequenze si trova nella necessità di modificare o sostituire alcuni trasmettitori in dotazione alle stazioni radio dipendenti perché non comprendenti la gamma 2700/2960 Kc/s.

In definitiva, non appena sarà possibile utilizzare in modo stabile le nuove frequenze assegnate, ne verrà data comunicazione a codesta A.P.S.C.

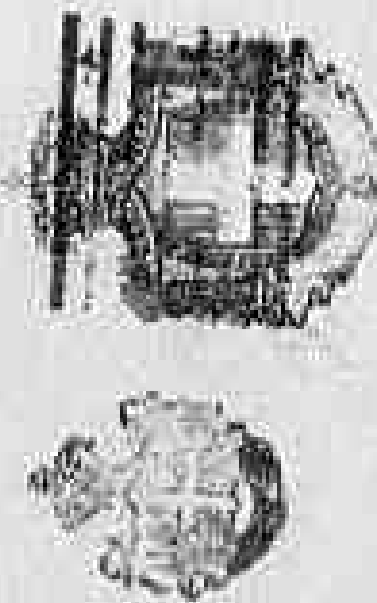
IL DIRETTORE DELLE COMUNICAZIONI
(Ten. Col. Pil. A. DE VINCENTI.)

F/to: GIANSAINTI.

Per copia conforme.

Ten. Zotti

La copia è stata per ogni effetto annullata e non si ripresenta.



Ministero dell'Armamento
MINISTERO DELL'ARMAMENTO

SEZIONE COMUNICAZIONI

Divisione Organismi ed Esperimenti

Prod. N. 21080857EL Allegato 1-11

M. A.F.B.C.

M. STATO MAGGIORE R.A.

S. U. D. R.

*Proposta al Foglio del
Dir. Sec. 240*

OGGETTO: Frequenze in uso nelle R.A.

Si risponde al foglio n° 518 del 26/2/46.-

In data 19/2/46 questa Direzione ha risposto al foglio n° 518 dell' 11/2/46 con il dispaccio n° 410172/1-11 che si allega in copia.

Nel contempo si fa presente che la scrivente è ora in grado di comunicare che le frequenze assegnate da questa A.F.B.C. con il foglio n° 518 del 21/1/46, sono state destinate per l'espletamento dei servizi notturni come segue:

Servizio n° 12	Re/s 2735.
" n° 13/13	Re/s 2700
" n° 15	Re/s 2580
" n° 12/14	Re/s 2700 (fino alla fine della notte).

dei trasmettitori, successivamente il servizio verrà svolto su Re/s 2710).--



IL DIRETTORE DELLE COMUNICAZIONI

(Ter. Del. Fil. A. DE VINCENZI.)

2. Licenziati

*Il foglio 518 per ogni lettera che si riferisce a questa proposta
il V. S. di riferimento e la Divisione a cui si riferisce*

15A
(c)

FROM : ITALIAN AIR MINISTRY,
COMMUNICATIONS DIRECTORATE, ROME.

TO : AIR FORCES SUB COMMISSION, A.C. ROME.

DATE : 19th FEBRUARY 1946

REF. : 410179/1-11.

FREQUENCIES USED BY THE I.A.F.

BA

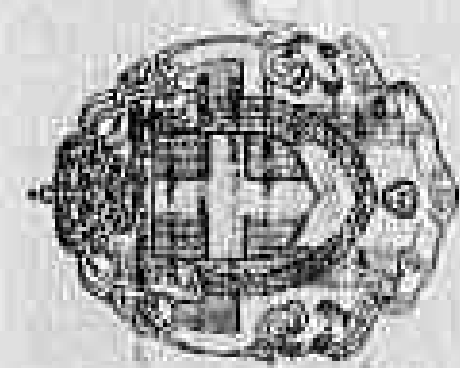
In reply to your No.518 dated 11th February 1946, we would like to inform you that the operating tests on the night frequencies assigned to us for the various I.A.F. Services, are being concluded.

This Directorate, before assigning the frequencies in question, will have to modify or substitute a certain number of Radio Station transmitters as they are deprived of range 2700/2900 Kc/s.

We shall inform you as soon as the new frequencies will definitely come into operation.

IL DIRETTORE DELLE COMUNICAZIONI
COL. DE VINCENTI





Ministero dell'Aeronautica
DIREZIONE COMUNICAZIONI

SEZIONE RADIO

Uff. Organizz. ed Esercizio

Divisione

Prot. N. 440479

A. 11

Allegato

Al L' A.F.S.C.

= R O M A =

Risposta al Foglio del

Dir.

313

OGGETTO Frequenze in uso nella R. Aeronautica.

Si risponde al foglio n° 518 dell'11/2/1946.

Le prove circa l'impiego delle frequenze notturne assegnate con detto foglio per i vari servizi della R.A., sono in via di completamento.

Questa Direzione prima di assegnare dette frequenze si trova nella necessità di modificare o sostituire alcuni trasmettitori in dotazione alle stazioni radio dipendenti perchè non comprendenti la gamma 2700/2900 Kc/s.

In definitiva, non appena sarà possibile utilizzare in modo stabile le nuove frequenze assegnate, ne verrà data comunicazione a codesta A.F.S.C. -



Il DIRETTORE DELLE COMUNICAZIONI
Ten. Col. Pil. - A. DE VINCENTI

Giambattista

From : Air Forces Sub Commission, A.C., Rome.
To : Italian Air Ministry,
Communications Directorate.
Date : 26th February 1946
Ref : AFSC/AIR/S.518/SIGS.

14A

B.F. 5/3

MF. BEACON, BRINDISI - FREQUENCY.

The operating frequency of the medium power radio beacon at Brindisi was discussed with LT. COL. DE VINCENZI on about 15th January 1946, who intimated that the frequency 405 Kc/S in lieu of 403 Kc/S was in accordance with verbal instructions from Headquarters Mediterranean Allied Air Force.

2. No record of such an instruction is held by this Sub Commission, and confirmation was requested from Air Headquarters Royal Air Force Italy, and the matter was referred to Headquarters Mediterranean and Middle East. No trace of any authorised alteration of the frequency can be found.

3. This Sub Commission is instructed that the beacon is to revert to the frequency 403 Kc/S. You are required to give the appropriate orders to that effect.

4. It is essential that this Sub Commission be given four days notice of the date and time at which the frequency change will be made, in order that promulgation to all Allied flying units may be made.

E.W.
for E.W. FREEMAN P/LT.
Air Vice Marshal
Director
Air Forces Sub Commission

53
54

13A

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

To : Italian Air Ministry,
Communications Directorate.

Date : 26th February 1946.

Ref : AFSC/AIR/S.518/SIGS.

B.F. 3/3

ALLOCATION OF FREQUENCIES

Reference is made to this Sub Commission's letter of even reference, dated 31st January 1946 which authorised the use of night frequencies required by the Italian Air Force for V/T communications.

2. Confirmation ^{of} ~~that~~ the frequencies allocated was requested at para 2, of that letter, and it is still awaited. No indication has been given whether they have been taken into use. An immediate reply is required.

E.W.F.
E.W. FREEMAN F/LT.
Air Vice Marshal,
Director
Air Forces Sub Commission.

53

12A

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

To : Italian Air Ministry,
Communication Directorate.

Date : 27th February 1946.

Ref : AFSC/AIR/S.518/SIGS.

B.F. 9/3

ALTERATION OF FREQUENCY - SERVICE 16.

A recent verbal request was made by the Director of Communications for a change of frequency that would clear the interference now being experienced on circuit RA 16, (RTA.F. notation RA 15), from the medium power Meteorological broadcast from Rome on 5895 Kc/S.

2. It is not practical to change the Meteorological broadcast frequency on medium power, but the alternative of changing the frequency of the inter - C.A.V. circuit is offered. The frequency 5955 Kc/S can be allotted in lieu of 5920 Kc/S.

3. It is requested that the frequency 5955 Kc/S may be given a trial and a report submitted as to its suitability by 9th March 1946.

Eust
for M.W. FREEMAN B/LT.
Air Vice Marshal
Director
Air Forces Sub Commission

52

50

LROF V LAEE NR 56

CVR

FROM ANG RAF ITALY CMT

TO AIR FORCE SUB COMMISSION A C ROME

BT

S 252 21 FEB UNCLASSIFIED (.) YOUR AFSC/AIR /S513

SIGS 14 FEB (.) UNABLE CHANGE D/C FREQUENCY

(.) 5955 KC XS (R) 5955 KCS ALLOTTED IN LIEU

5920 KCS FOR SERVICE RA15 (.) REQUEST TRIAL

AND IF ~~IF~~ REPORT IF FREQUENCY BEING TAKEN INTO UK

BT

SENT NR 56 EN BB

3078
AR IIA

h
7A
N 54/22

23/2
ab C658
51

Rd 165

Outgoing Signal.

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

To: Italian Air Ministry, Rome

TOO 190928A

S.270 FEB 19(.) UNCLASSIFIED (.) HASTEN REPLY BY AFSC/AIR/S.518/
SIGS FEB 11 AND JAN 31 ==

E.W.Freeman F/Lt.

Priority ROUTINE.

Air Vice Marshal,
Director
Air Forces Sub-Commission

518/Sigs



9A

From : Air Forces Sub Commission, A.C., Rome.
To : Air Headquarters, Royal Air Force, Italy.
Date : 14th February 1946.
Ref : AFSC/AIR/S518/SIGS. — B.F. 20/2

FREQUENCIES - ITALIAN AIR FORCE

It is advised by the Italian Air Ministry that some interference is being experienced at Rome between the Met. broadcast on 5895 Kc/s, Service R.A.14, and the Inter - C.A.V. circuit on 5920 Kc/s, Service RA.15, on account of the medium power of the broadcast and the relatively close proximity of the transmitter to the receiving station.

2. It is desired to make the broadcast transmission on a slightly lower frequency, in the order of 5850 Kc/s if such a frequency can be assigned for the purpose. Alternatively raising the frequency of Service R.A.15 by some 40 Kc/s would clear the interference, but would involve the change for a greater number of stations.

3. It is requested that this Sub Commission may be advised if a frequency change can conveniently be made.

E.W.F.
for E.W. FREEMAN F/LT.
Air Vice Marshal
Director
Air Forces Sub Commission.

From : Air Forces SubCommission, A.O., Rome.

To : Italian Air Ministry,
Communications Directorate.

Date : 11th February 1946.

Ref : AFSC/AIR/S.518/SIGS.

BF 19/2

8A

FREQUENCIES - ITALIAN AIR FORCE.

6A

Further to my letter of even reference dated 31st January 1946, may the confirmation requested by para 2 now be given?

E.W.F.

E.W. FREEMAN F/LT.
Air Vice Marshal,
Director
Air Forces Sub Commission.

48

43

TVW V LDIL NR183 ROUTINE

FROM AHQ RAF ITALY

TO AIR FORCE SUB COMMISSION A.C. ROME

GR BT

S144 30 JAN UNCLASS. YOUR S.221 29 JAN . REPLY AHQI/S4360/1/GS

~~22 JAN CONFIRMING/HHHH~~

22 JAN CONFIRMING TEL/CON F/LTS WRIGHT, FREEDOM DESPATCHED 23 JAN.

BT 301117A

SENT PHW AR K

RECD EM 1800KKK



Acknowledged
8/5/51 47

FROM : AIR FORCES SUB COMMISSION A.C. ROME
TO : ITALIAN AIR MINISTRY
COMMUNICATIONS SECTION
DATE : 31ST JAN. 1946
REF. : AFSC/AIR/S.518/SIGS

BF
6/2
Gut

6A

FREQUENCIES - ITALIAN AIR FORCE.

In confirmation of recently telephoned information, you are advised that the following frequencies are allotted to the Italian Air Force for immediate trials:

- (i) Night frequency for circuits RA 8 and 10 (RAI notation, Servizio 11 e 13; Z.A.T.'s 1 and 3), 2735 Kc/s
- (ii) Night frequency for circuits RA 9 and 10 (RAI notation, Servizio 12 e 14; Z.A.T.'s 2 and 4), 2700 Kc/s
- (iii) Night frequency for circuit RA 15 (RAI notation, Servizio 16) 2920 Kc/s
- (iv) Night frequency for circuit RA 4 (RAI notation, Servizio 15), 2910 Kc/s
- (v) The frequency 3780 Kc/s is withdrawn.

2. It is requested that this Headquarters may be informed as soon as tests have been completed if the above frequencies are found to be suitable.

EWF 47
E.W.FREEMAN F/LT
AIR VICE MARSHAL
DIRECTOR
AIR FORCES SUB COMMISSION

OUTGOING MESSAGE

FROM : AIR FORCES SUB COMM.(ROME)
TO : A.H.Q. RAF ITALY

UNCLASSIFIED S.227 /./ T.O.O. 311018A /./ JAN/ 1946 /./
YOUR S.144 JAN. 30TH AHQI/S4360/1/SIGS NOW RECEIVED /./

EWF
E.W.FREEMAN F/LT
AIR VICE MARSHAL
DIRECTOR
AIR FORCES SUB COMMISSION

PRIORITY : ROUTINE



From:- Air Headquarters, R.A.F. Italy.

To:- Air Force Sub-Commission, Allied Commission Rome.

Date:- 22nd. January, 1946.

RESTRICTED.

Ref:- AH-I/S.4360/1/Signals.

FREQUENCIES - ITALIAN AIR FORCE.

Reference is made to your letter AF3C/AIR/3518/SIGS+ dated 15th January, 1946.

2. Confirming telephone conversation F/Lts. Freeman and Wright a.m. 17th January, 1946, the following frequencies are allotted to the Italian Air Force for immediate trials:-

- (a) Night Frequency cets RA8 RA10 2735 Kc/s.
- (b) Night " cets RA9 RA11 2700 Kc/s.
- (c) Night " cct RA15 2920 Kc/s.
- (d) Night " cct RA4
to replace 3780 2910 Kc/s.

3. It is requested that confirmation may be given if the frequencies are found to be suitable and are being taken into permanent use.



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

OUTGOING SIGNAL

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

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

UNCLASSIFIED (.) S.221 (.) TOO.29/1509 A JAN. '46 (.)
NO REPLY RECEIVED MY AFSC/AIR/S.518/SIGS. JAN 15 (.) REQUEST
ADVISE WHEN REPLY MAY BE EXPECTED (.)

DEFERRED

EWF
R.W. FREEMAN F/LT.

R E S T R I C T E D

2A

From : Air Forces Sub Commission, A.C., Rome.
To : Air Headquarters, Royal Air Force, Italy.
Date : 15th January 1946
Ref : AFSC/AIR/S.518/SIGS.

B.F. 21/1/46
Ent.FREQUENCIES - ITALIAN AIR FORCE.

It is advised by the Communications Section of the Italian Air Ministry that W/T communication over certain I.A.F. circuits is unsatisfactory at night and sometimes breaks down altogether.

2. The night frequency 3780 Kc/S appears to be too high and a frequency in the 2-3 megacycle band is desired as a replacement for it.

3. It is suggested that two common night frequencies, one for use on the eastern, and one on the western side of Italy should be introduced for the zone internal point to point circuits R.A. 8, 9, 10 and 11. That is one frequency for the Z.A.T.'s 1 and 3, and a second for the Z.A.T. 2 and 4, for the respective circuits R.A. 8 and 10 and R.A. 9 and 11. Frequencies in the 2-3 megacycle band have been requested.

4. Additionally a night frequency for the inter-CAV circuit R.A. 15 is desirable. Again a 2-3 megacycle frequency has been requested but in view of the large number of stations working this net and their geographical dispositions it is thought that a low 3 megacycle frequency would be more suitable.

5. Consolidating these requirements, it is requested that four frequencies may be allocated. Three of these will be employed in zones 5, 6, 7, 8 and T, and one, for R.A. 15, also in zone 9. The power limitation in all cases is 400 watts.

43

E.W.F.
E.W. FREEMAN F/LT.
Air Vice Marshal,
Air Officer Commanding.

Sigs File S.518/Sig

1A
(1)

FROM : ITALIAN AIR MINISTRY
TO : A.F.S.C. (for information)
DATE : 10/1/46
REF. : 410007/TEL/114 COLL

No action
EW

GIVE DISPOSITIONS IN ORDER THAT BEGINNING FROM THE 12TH OF
JANUARY UP TO THE 12TH OF FEBRUARY C.A. CHANGING OF FREQUENCY
R.T. SERVICE SHOULD TAKE PLACE AT 0800 HRS INSTEAD OF 0700 HRS ./.
ANY BROADCAST CARRIED OUT DURING THESE HOURS SHOULD CARRY ON
WITH THE SAME FREQUENCY WITH WHICH THE BROADCAST WAS COMMENCED ./.
ACKNOWLEDGE ./ FROMINISTRO T.COL. DE VINCENTI ./



42

MINISTERO dell'AERONAUTICA
 DIREZIONE COMUNICAZIONI
 SEZIONE RADIO
 Uff. Organizz. ed Esercizio
TELEGRAMMA IN PARTENZA

AEROTELE	MILANO
"	PADOVA
"	ROMA
"	BARI
"	NAPOLI
"	PALERMO
"	CAGLIARI
M.A.C.I.A.	ROMA

114888
 COMUNICAZIONE 410007/TEL /./ DISPORRE PERCHE' A PARTIRE
 DAL GIORNO 12 GENNAIO ET FINO 12 FEBBRAIO C.A. CAMBIO
 FREQUENZE SERVIZI R.T. AVVENGA AT ORE 0800 ANZICHE'
 ORE 0700 /./ EVENTUALI TRASMISSIONI IN CORSO IN
 DETTA ORA CONTINUANO SU FREQUENZA CUI HANNO INIZIATO
 TRASMISSIONE /./ ASSICURARE /./ PROMINISTRO TENCOL
 DE VINCENTI

ROMA 10/1/1946



ALL'AIR FORC SUB COMMISSION

ROMA

..... per conoscenza.

Il Capp Sezione

41

[Handwritten signature]

1760