

100-5-2

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

785017

ACC

10000/135/548

RADIO NAVI
FEB. - JULY

1053

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

785017

10000/135/548

RADIO NAVIGATIONAL AIDS, D/F STATIONS, M/F, H/F & VHF
FEB. - JULY 1947

PAGE(S) MISSING

16A

SEA FORCES BRANCH, ALLIED FORCE HEADQUARTERS.
A.S.O. 794. HOS

011055 B.

A.H.Q., R.A.F. HAIFA.

0903

UNCLASSIFIED

S. 447 1ST AUGUST 1947 CONFIRMED BY S. 428 24TH JULY REPLY TO YOUR M744 18TH JULY (.)
FORWARD AIR FORCES AND COMMISSION HOME DEFENSE (,) NOW AIR FORCES BRANCH WITH HOS.

file

6542

180/530/2/1135.

REPORTANT

A. G. HARRISON

CHIEF OF NAVAL OFFICER

A.G. HARRISON, S/C.

205

A.S. RAT, S/LDR.

15A

AIR FORCE BRANCH, ALLIED FORCE HEADQUARTERS.
A.F.C. 794. ROMS

014055 B.

A.M.Q., R.A.F. MALTA.

0505

UNCLASSIFIED

S. 447 1ST JULY 1947 CONFIRMED BY S. 428 24TH JULY REPLY TO YOUR 2724 19TH JULY (.)
FORMER AIR FORCE BRANCH AND COMMISSION ROMS DEFUNCT (,) NOW AIR FORCE BRANCH 794. ROMS.

6541

AFB/2550/2/1113.

IMPORTANT

CHIEF SIGNALS OFFICER

A.G. VERNER, S/O.

205

A.W. RAY, S/LDR.

1401

241040 B

ATTN: HADGAS BRANCH, A.P.H. I. ROSE

R.T. A.H. I. ROSE

R.T. A.H. I. ROSE

R.A.P. CIBRANTA.

1401

S. 428 DATED 24TH JULY 1947. AIRCRAFT CONTROL AVAILABLE 24 HOURS DAILY AT 4220 HRS/3
 RE DATED 4220 HRS/3. H/P D/P NOT REPEAT NOT AVAILABLE, AWAITING AIR COMBINATION.

13040

13040

R.A.F. GIBRALTAR.

URGENT

S. 428 DETD 24TH JULY 1947. AIRCRAFT CONTROL AVAILABLE 24 HOURS DAILY ON 4280 KB/3
RE-ROUTED 4280 KB/3. 11/7 0/2 NOT RE-ROUTED NOT AVAILABLE, AIRCRAFT ARE CALLED IN.

~~REF 530/7~~

URGENT

RECEIVED CHIEF SIGNALS OFFICER

445

R. THOMSON, W/GR.

A.C. THOMSON, 2/6

5040

530/2/5165

1058

SECRET
CYBER MESSAGE

13A

From: Air Headquarters, MALTA.

To : Air Forces Branch A.F.H.Q., ROMEO. ? Air Force Sub Commission,
Allied Commission Rome please pass.

Serial No: 872.

N.748. 26 July. Restricted.

Request you confirm your ? S.428 24 July in reply to our ? (742)
19th July.

T.O.C. 260915z.

Decyphered by: F/C. A.C. Martien.

Distribution : A.F.B.

A674
18 49
S 530/2 / S/63
653 8

(51) LLROF V MNXK NR T 111/18 ROUTINE

T

FROM ANQ MALTA .

TO A.F.S.C AFHQ APO 794 ROME .

BT

N741 . 18/7 . UNCLASSIFIED . CAN YOUR CONFIRM ACCURACY FOLLOWING
INFORMATION . QUOTE . C2/64 CIAMPINO APPROACH CONTROL AND HF/DF
ON 4575/3105 KCS CLOSED DOWN . APPROACH CONTROL C/S WORK ON C360/3150
OPERATES DAY AND NIGHT . UNQUOTE . PARA 2 . SE VERAL REQUESTS
HAVE ALREADY BEEN MADE TO CIAMPINO AND CCRS ROME FOR THIS
INFORMATION BUT NO REPLY RECEIVED .

BT 181200Z

SENT GF.W . 2130B HRS AR THXX

CCTN- WA C360/3150 OPERATES DAY ETC

RD DAK AT 2/30 AR KK PAL Y TKS LOT THEN

8899

12A

A618
1/8
5/5/53 0/2/SICS
5/5/53

11A.

From : Air Forces Branch,
Allied Force Headquarters.

To : Headquarters MedM.

Date : 17th July, 1947.

Ref : AFB/48/Air.

Ext. 246.

RADIO AID NAVIGATION.

Read

With the imminent close down of this Branch and the transfer of complete control of all aircraft movement and safety to the I.A.F. it will no longer be possible for the distribution of RADAD publications and amendments to be made from this office. You are therefore requested to note that ~~Radio~~ amendments and corrections to the Mediterranean and European Zones (C1, C2, C3, C4, E4) be forwarded direct by you to the Italian Air Ministry and addressed as follows:

Ministero Difesa (Aeronautica)
Centro Soccorso
(Col. Roveda)
Via Centro Protorio
ROMA

2. Please acknowledge receipt of this letter.

Chihit.

G.M.M. GREENE, W/Cdr.
for Air Commodore,
Director, AFB, AMHQ.

0536

Copies for files : AFB/3530/2/Sigs.
AFB/3528/1/Sigs.

10A.

From : Air Forces Branch,
Allied Force Headquarters.

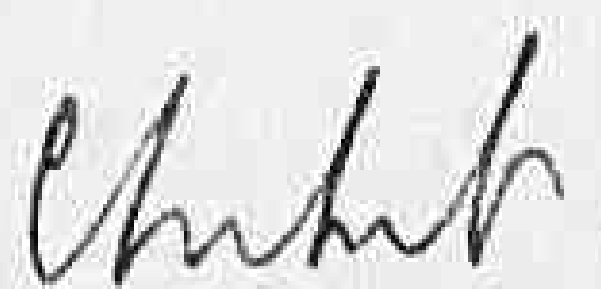
To : Italian Air Ministry.

Date : 17th July, 1947.

Ref : AFB/S530/2/Sigs.

RANAD PUBLICATIONS

Reference is made to the conference held in this office this morning between the Air Staff of the Air Forces Branch and Colonel Rovada of the Italian Centro Soccorso, and to your letter 3029 VII/T from the Director of Telecommunications dated the 1st June 1947, a letter has today been sent to Headquarters R.A.F. Middle, Cairo, requesting that all amendments to RANAD documents B4, C1, C2, C3, C4 be forwarded direct to the Italian Air Ministry, Rome.


C.M.M. GIBSON, W/Cdr,
for Air Commodore,
Director, AFB, AFHQ.

Copy for file AFB/S526/1/Sigs.

6534

AIR FORCES BRANCH, A.F.H.Q., ROME

C.I.F. ONLY

A.H.Q., R.A.F. ITALY.

0739

UNCLASSIFIED
EXEMPT

5403 14TH JULY UNCLASSIFIED (.) 6707 9th JULY TO AIR ITALY (.) NO REPEAT NO 6500
2/35 PACHMENT AT MILAN (.) FOLLOWING AVAILABLE H/2 D/2, 4781 H C/S, CALL ITEM
LOVE WEE, DASH TO DUK, 45° 26' 33" N, 09° 13' 02" E

6033

0739

UNCLASSIFIED
EXEMPT

8403 11TH JULY UNCLASSIFIED (.) 8707 9th JULY TO AMR ITALY (.) NO REMIT NO 6500
 E/DO FACILITY AT MILAN (.) FOLLOWING AVAILABLE 11/9 D/P, 4781 H C/S, CALL THEM
 LOVE YOUR, DASH TO DUEK, 45° 26' 33" N, 09° 18' 02" E

AFB/3392/SIGNS

URGENT

CHIEF SIGNALS OFFICER

205

A.F. 24Y, 5/LAR

A.C. HERRICK, P/O.

6533

1065

Declassified E.O. 12356 Section 1.3/RND No.

785017

76 87

8A

6 1000 P MEX 1 17/14 P P 000 1.

FROM A. S. G. ITALY 091137Z.

TO ALSO ROME.

INFO CFI ONLY.

BT

R. 000 17/14 UNCLASSIFIED. FOLLOWING 14/17 SIGNAL RECEIVED FROM
CFI ONLY. 0001Z. 0000 17/17 UNCLASSIFIED. PLEASE INFORM POSITION
NUMBER OF WORKING AND FACILITIES OF 17/17 FREQUENCY 551. KCS CALL SIGN
FROM LOW FORT BELIEVED TO BE IN USE AT MILAN / BIRATICO WANA
RIS 02150 AIRFIELD NORTH ITALY.

UNQUOTE. REQUEST YOU REPLY DIRECT COPY TO THIS HQ.

BT 091137Z.

END 32 JUL AT 11323 ON TKS ...

BT 091137Z 02

11/7 1950
3530/2 33275

From : Air Forces Branch,
Allied Force Headquarters.

To : Italian Air Ministry,
Attn. Col. Roveda.

Date : 7th July, 1947.

Ref : AFB/

RADIO AIDS TO NAVIGATION

Recent reports received at H.Q. R.A.F. Medme from aircraft flying the trunk route between Southern France and Malta show that they desire more information on radio navigation facilities available along the Italian peninsula and particularly at Marsala in Sicily.

2. Certain of the facilities in and around Italy are shown in the RANAD document which is brought up to date by H.Q. Medme, since Italian facilities are now an entirely Italian matter. The only way by which H.Q. Medme can be kept up to date on the serviceability of Italian aids is direct from the Italian Air Ministry.

3. A copy of the RANAD area C2 is enclosed and you are requested to notify this Branch on the most up to date radio aid information in respect of those places which are marked with a red asterisk.

Chibb
C.M.M. Greco, W/Cdr,
for Air Commodore,
Director,
Air Forces Branch.

6337

1067

785017

(6)

SIGNALS SERVICING SECTION.
357 MAINTENANCE UNIT

Job No	2/2	Committment.External Servicing
Date Commenced...	10th February 47	Correspondence.... Nil
Date Completed ...		Tech References
Detail	Sgt.Thomas	DFG 25 Marconi HB
	ACI Michael	

Specification.... Complete servicing on DFG 25 HF/DF Station at
LINATE Airfield Milan to fully serviceable standard.Complete ground
calibration.

Equipment Supplied or Replaced. O i/c S.S.S.

Require complete set of valves	X 65	6K8G	one
	KT63	6V6G	one
	KTW63	6K7G	six

DFG25 Handbook
New Receiver and goniometer fitted
Ground calibration completed.

Certified that the job has been completed according to specification
and that the equipment is now fit for service.

COMANDO 1^a Z. A. T.
DIREZIONE TELECOMUNICAZIONI

Senior Mechanic.....
.....



IL DIRETTORE
(COL. A. A. - PASSERONI C.)

noni

Same as envelope A.

3/4 A.667

5530/2/SIGS

5530

(5)

FROM :- Air Forces Sub-Section, Milan.

TO :- Air Forces Sub-Section, H.Q., Rome
(for the attention of S/Ldr RAY).

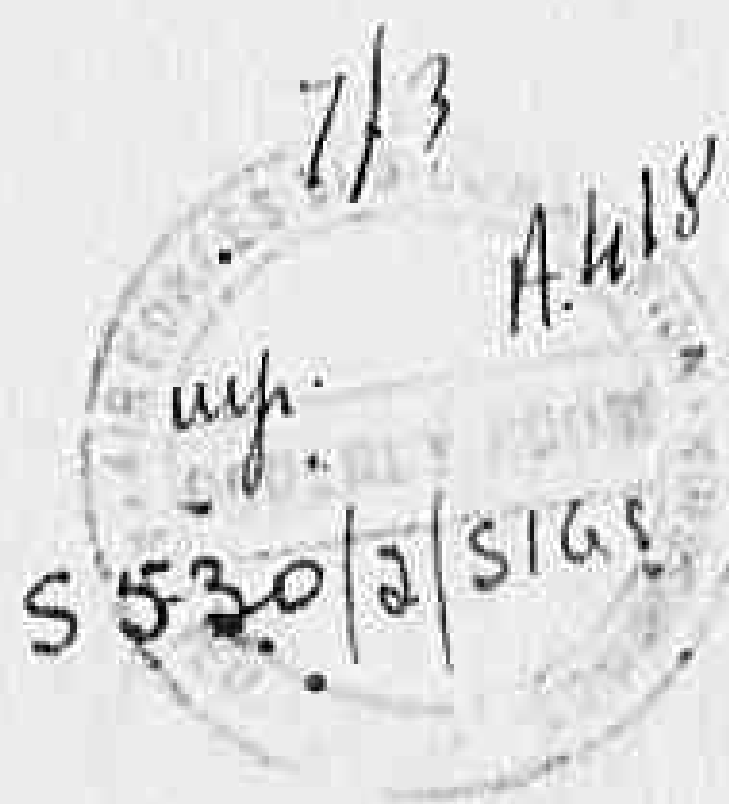
DATE :- 5th March 1947.

REF :- AFSS/M/501/SIGS.

HF/DF REPORT LINATE MILAN

For your information attached is report on work completed by Sgt. Thomas of A.H.Q. Italy on the HF/DF Station at Linate.

[Signature]
J. LOED F/IT
Commanding
A.F.S.S. Milan.



6524

H2/DP REPORT LINEAR MILAN

TYPE OF INSTALLATION DP025

Type of receiver R1273 Serial No M2889386
condition goodType of masts 22ft portable condition good
Goniometer
condition good

Type of feeders Henley portable condition good

INSTALLATION TEST

North	IMPER
East	"
South	"
West	"

Spares left at station: Feeders QTY 2

Spares required	Valves	6X8	QTY	One
		6Y6	QTY	One
		6X7	QTY	Six

Regger Ref 55/204	QTY	One		
Masts Section Lower	103	108	QTY	Two
Mast Section Middle	103	107	QTY	"
Mast Section Top	103	106	QTY	"
DPG 25 Instruction Book				

Remarks: Broken lower section of north mast repaired
Screen on south feeder repaired
Fault caused by dry joint of the south feeder
goniometer connection cleared. Ground calibration
completed.

GROUND CALIBRATION (oscillator type 46) 28
6328
6414m

10701

785017

Type of masts 22ft portable condition good
 Type of feeders Henley portable condition good

INSULATION TEST

North 100%
 East " "
 South " "
 West " "

Spares left at station: Feeders QTY 2

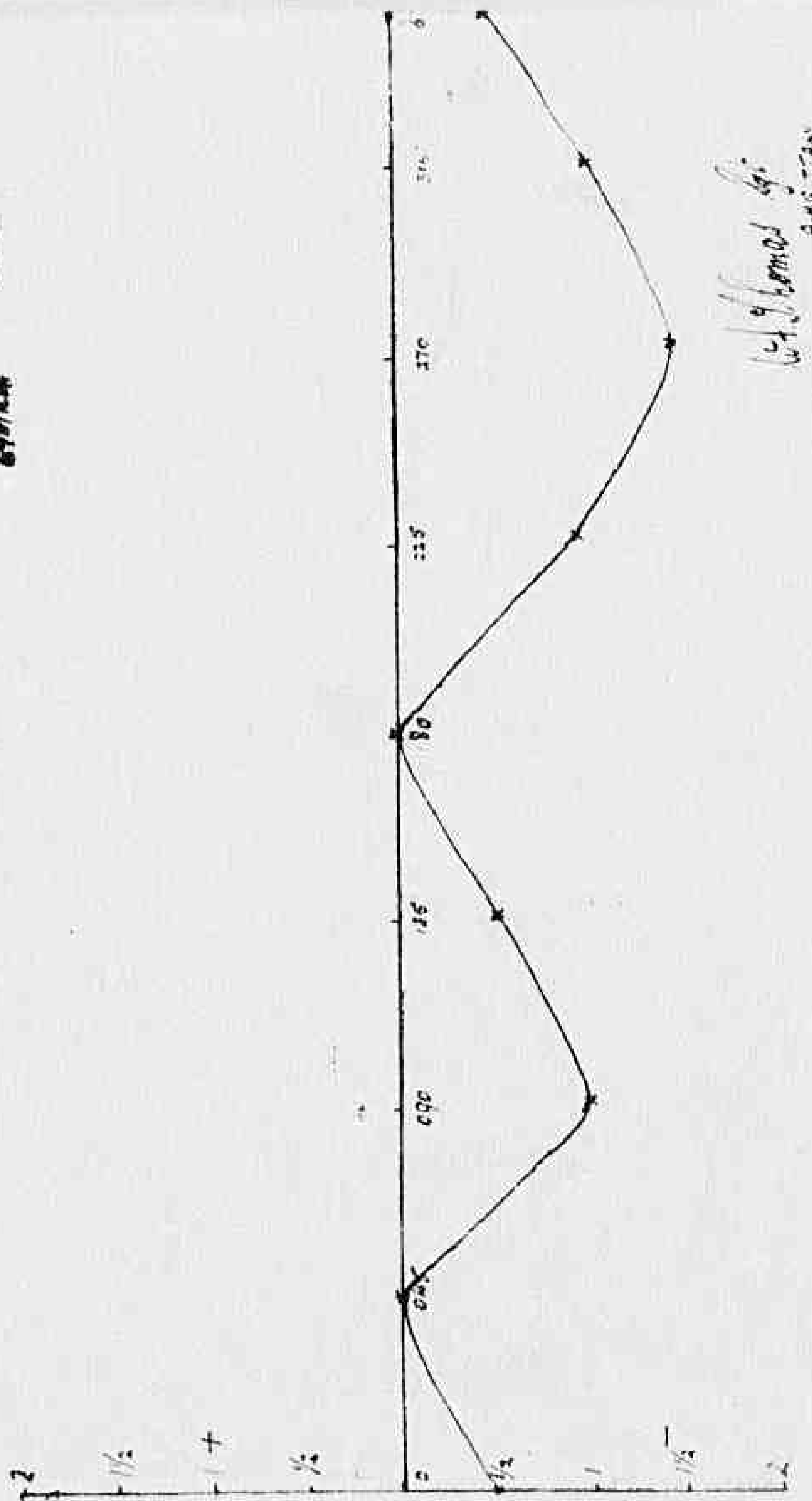
Spares required

Valves 6K8 QTY One
 6Y6 QTY One
 6X7 QTY Six

Megger Ref 58/204 QTY One
 Mast Section Lower 10B 10B QTY Two
 Mast Section Middle 10B 107 QTY "
 Mast Section Top 10B 106 QTY "
 DPG 25 Instruction Book

Remarks: Broken lower section of north mast repaired
 Screen on south feeder repaired
 Fault caused by dry joint of the south feeder
 Gonimeter connection cleared. Ground calibration
 completed.

GROUND CALIBRATION (oscillator type 46) 2X
 6/1/44



W. J. Thomas Jr.
 2-10-74

S/L Rany

REPORT OF WORK CARRIED OUT AT LENATE
HF/DF STATION

- 17/2 Went to D/F station to carry out test on equipment. No electricity. Endeavoured to get supply laid on from 14.00 to 17.00. This was promised on confirmation. In the afternoon rang up the electric Company who said it was impossible to supply the electricity owing to present shortage of same. Promised to send technicians to the site by 10 o'clock to morrow. Went to the D/F station and returned to Airport with the accumulators for charging for use in case electricity impossible to-morow.
- 18/2 Visited D/f station, no electricity. Returned to Airport for accumulators. Rang up the electric Company to supply power from 14.00 to 17.00. Returned with accumulators to D/F station, wired up accumulators and rectifiers in anticipation of afternoon supply. New receiver installed and working satisfactorily. Feeders tested, installation all right, screen broken on south feeder.
- 19/2 All morning consulting civilian electrical technician about the running of a new poser cable so that d/f station can have permanent supply of electricity. Broken screen of south feeder repaired. Complete check of installations, all serviceable. Endeavouring to erect north mast to-morrow morning.
- 20/2 Prepared mast, prior to erection. Mast erected and lined up.
- 21/2 The mechanic servicing VHF equipment on the Control Tower which was reported u/s. Ground calibration started on HF/DF station.
- 22/2 Continuation of calibration. Mechanic at transmitting station
- 24/2 Calibration completed. Transmitters T11/31 u/s and receiver 11/33 u/s. Fault in transmitter. Two VT 72 u/s. VU 49 u/s in the receiver
- 25/2 Vehicle unserviceable all day.
- 26/2 Vehicle OK Starting instructing on correct manipulation of installation and giving a brief outline on ground calibrating A/c Michael servicing transmitter T1131.
- 27/2 Carried out tests with known ground station, with success. During afternoon D/F went u/s.
- 28/2 D/F serviced and recalibrated.
- ~~29/2~~ Test carried out by Italiana personnel on flying boat.

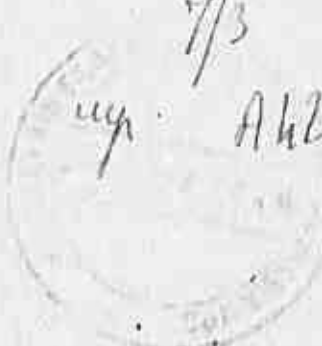
(4)

FROM: Air Forces Sub Section, IMAS, Milan
TO : Air Forces Sub Section, ~~AFHQ~~, IMAS, Rome
(attention S/Ldr. Ray)
DATE: 4 March 1947
REF.: AFSC/M/501/Sigs

HF/DF station Linate

Attached is taking-over certificate signed by Col. Passeroni, Chief Signals Officer, Linate Airport, certifying that the above HF/DF station is now fully serviceable.

Encl. 1

7/3
up. A429

John J. Lord
John J. Lord Fl/Lt
Commanding
AFSS/IMAS/Milan

Copy to : A.H.Q. Italy.



S530/2/Sigs.

6526

SIGNALS SERVICING SECTION
357 MAINTENANCE UNIT

Job No 2/2
 Date Commenced . . . 10th February 47
 Date Completed . . .
 Detail Sgt. Thomas
 ACI Michael

Commitment. External Servicing
 Correspondence . . . Nil
 Tech References
 DFG 25 Marconi UB

Specification . . . Complete servicing on DFG 25 HF/DF Station at
 LINATE Airfield Milan to fully serviceable standard. Complete ground
 calibration.

Equipment Supplied or Replaced.

O 1/c C.S.S.

Require complete set of valves	X 65	6K8G	one
	KT63	6V6G	one
	KTW63	6K7G	six

DFG25 Handbook

New Receiver and goniometer fitted
 Ground calibration completed.

Certified that the job has been completed according to specification
 and that the equipment is now fit for service.

COMANDO 1° Z. A. T
 DIREZIONE TELECOMUNICAZIONI

Senior Mechanic. J. M. M.

IL DIRETTORE

(TEN. COL. A. A. - PASSERONI C.)



6525

(3A)

From : Allied Forces Headquarters, Italian Military Airfare Section.
 Air Force Sub Section, A.F.O., 1551.

To : Air Force Sub Section Detachment, Milan.

Date : 7th February 1947.

Ref : MIS/MIL/5.5.0/2/MIL/1.2.

URGENT MATTER - MILITARY AIRFARE SECTION - MILAN.

Confirming yesterday's telephone conversation between
 Mr. Rev of this unit and Mr. Lord 1.2.4. Detachment, Milan.

Information has been received from A.F.O. Italy that
 on W.C.O. wireless machine will report in the next few days to
 you in order to complete repairs to the W/C station.

It has been reported that the main electrical supply
 to the W/C station is unsatisfactory being extremely low and
 fluctuating. It is requested that you inform the Italian Air
 Force Commander at Linate that unless this is rectified the
 W/C station will not function satisfactorily.

A competent Italian officer is to be detailed to assist
 for the W/C station when completed and being satisfied that it
 is completely serviceable and functioning satisfactorily.

This W/C station has never been serviceable since
 being handed over to the I.A.F. twelve months ago but, amongst
 other things, to insufficient supervision of the machine
 concerned. It is requested that you ensure that a mechanic
 is given every help and that he is kept at the repair shop until
 completed.

17.11.47

On completion a report on the work done is to be
 submitted by the W.C.O. through you to this A.F.O. - to which
 with a copy of the signed statement by an Italian officer
 is satisfied with the performance of the

Information has been received from L.H.L. that
on 11.11.40 wireless apparatus will be set in the next few days in
order to enable the receiving of the W/T N/2 station.

[illegible]

5. This 7/4 station has never been satisfactorily fixed being handed over to the P.T., twelve months ago, numerous other things, to insufficient maintenance of the machines concerned. It is requested that you ensure that the machine is given every help and that he is kept at the works until completed.

5. On completion a report on the work done is to be submitted by the P.W.C. through you to this A.C.C. - together with a copy of the signed statement by an Indian Officer confirming that he is satisfied with the performance of the P.W. station.

Quay St

~~ATTN: JAY, CLAR~~
AT THE PROBABLY, DIRECTOR.
AT THE SAME TIME, SECTION,
THE NEW YORK.

Copy to:-
A.D.S.; A.A.S. Italy.
Italian Air Ministry
Directorate of Transport

(2A)

From : Allied Forces Headquarters, Italian Military Affairs Section
Air Forces Sub Section, A.F.O., 3.551.

To : Italian Air Ministry
Directorate of Telecommunications.

Date : 7th February 1947.

Ref. : IMAS/114/3.510/2/1108/A.F.

RADIO NAVIGATIONAL AIDS - R/T D/F STATION, UDINE.

Authority is given for the installation of an R/T D/F station near Campo Paraiso on the site discussed with C/Col. De Vincenti.

2. Frequency to be 11.5 c/s, call sign and position to be notified to this unit when receiving commencement of service.

A temporary cable overhead line will be installed between the site and the R.A.F. exchange at Campo Paraiso by air force signal. This will be replaced by the R.A.F. by a permanent cable as soon as possible. Maintenance on both lines will be the responsibility of the R.A.F.

Awlaysh

for Air Vice Marshal, Director.
Air Forces Sub Section
I.M.A.F., A.F.O.

Copy to:-
A.F.O., A.I.F., Italy.

10771

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

785017

LRPF V LAEE NR R 301/5

P P

QUR1

(110)

Air Force 1A
8811

FROM M.A.A.C. SECRETARIAT ,

RAF LIAISON SECTION WITH SAC MED

0511530

A F H Q CASERTA , C H F

TO AIR FORCES SUB - SECTION , ITALIAN MILITARY AFFAIRS SECTION,
INFO AFHQ APO794

BT

US45(.) 5 FEBRUARY (.) UNCLASSIFIED (.) IMPORTANT

REFERENCE YOUR 5231 22 JANUARY AUTHORITY GRANTED FOR ERECTION BY THE
ITALIAN AIR FORCE OF MEDF STATION 333KCS. THREE
~~4.2~~ MILES FROM CAMPO FORMIDO (.)

BT

SENT SSJ B K

6/2 A97
up
530/Sigs
Rd 1724.46
6522

1078