

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

785020

ACC

10000/120/1728

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

785020

10000/120/1728

X508/2

Italian Signal Training Center - **GESANO**

Jan. - Apr 1945

0765
785020

SUBJECT : Move of Signal School.

Land Forces Sub Commission AC
(M.M.I.A.)

X508/2

25 Apr 45

TO : 'F' BLU RTC ICF.

1. Reference your AQ/12/373 of 20 Apr 45. The contents of your letter and also those of Gen VEGNI are noted.
2. Whilst it is fully appreciated that there are difficulties in connection with the move of this School to BRACCIANO, they are not considered to be insurmountable.
3. As all arrangements for the move have been completed, and bids for rail movement made, it is regretted that the move cannot be postponed. The move will begin on 25 Apr.
4. Pressure is being brought to bear to speed up completion of essential work.

WP
+
Major General,
M. M. I. A.

4000

SUBJECT :- Transfer of Signal School from HOSANA

13
1P: BLU HHC ICE
Ref AO/13/573

20 April 45

LAND FORCES SUB COM AC (HQA)

Copy to :- HQ HHC ICE

Attached is a copy of a letter received from General VENI on the above subject.

I am in entire agreement with what he says and feel most strongly that if signal training, requiring as it does adequate accommodation for instruction and safekeeping of valuable stores, is to continue satisfactorily the retention of the School at HOSANA is essential.

The problem has arisen solely on account of the very slow progress of work at HOSANA, which in turn is due not to lack of enthusiasm on the part of the Contractors, but to the virtual impossibility under the present arrangement of obtaining adequate materials.

We have seen General COMTEZUO repeatedly on this matter and are satisfied that he is doing all that he can to overcome the almost impossible handicaps in the face of which he is working.

LM/ell

Internal

Lieut-Col RA

Attached is a copy of a letter received from General VESNT
on the above subject.

I am in entire agreement with what he says and feel most strongly
that in signal training, requiring as it does adequate accommodation for
instruction and safekeeping of valuable stores, is to continue satisfactorily
the retention of the School at NCOBA is essential.

The problem has arisen solely on account of the very slow progress
of work at BRACON, which in turn is due not to lack of enthusiasm on the
part of the Contractors, but to the virtual impossibility under the present
arrangement of obtaining adequate materials.

We have seen General COMBESZC repeatedly on this matter and am
satisfied that he is doing all that he can to overcome the almost impossible
handicaps in the face of which he is working.

LMJ/ell

Internal

Major J.W. SWERDLOW
File
Float

[Signature]
Lieut-Col RA

3440

785020

COPIA

DIVISI PICENO
CENTRO ADDESTRAMENTO COMPLETANTI
FORZE ITALIANE DI COMBATTIMENTO
Ufficio Addestramento

Mo. 1872/Add. di prot.

P.M.92, 14 20 Aprile 1945

Oggetto: Scuola Collegamenti.

ALL. "F" BLU

ALLO STATO MAGGIORE R.E. - Ufficio Addestramento.

LOMO SEPI 6

- a Scuola Collegamenti di Nocera avrebbe ricevuto ordini di trasferirsi fra pochi giorni a Bracciano; Cio' non ritengo che sia possibile per il seguente motivo:

- Il Battaglione Collegamenti di Nocera ha oggi 126 Allievi e 128 uomini di inquadramento, e deve aumentare a 450 Allievi e circa 200 uomini di inquadramento.

- Ha bisogno di 17 aule, 4 magazzini, laboratori, piu' Uffici e alloggi. Tutti questi locali oggi non sono pronti a Bracciano ed occorreranno circa 4 mesi per ultimare i lavori.

- A Nocera invece tutto e' gia' organizzato e funziona con ordine e disciplina e la Scuola ha la possibilita' di ampliarci per ricevere anche i nuovi alunni; trasferendosi a Bracciano in queste condizioni si disorganizzerebbe.

- A Bracciano esiste una compagnia di telegrafisti e marconisti.

Non vi e' materiale e personale per istituire una Scuola per essa.

E' opportuno che la Compagnia - circa 250 uomini - si trasferisca a Nocera per prendere conoscenza del materiale inglese e rendersi idonea all'impiego in guerra al piu' presto possibile.

- Tutta la Scuola Complementi Collegamenti dovrebbe trasferirsi a Bracciano e lavori ultimati.

Firmato:

Il Generale Comandante

Ezio Vegni

785020

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Firmato:

Il Generale Comandante

Enio Vegni

3492

Subject: ITALIAN SIGNAL TRAINING CENTRE

SIGNAL SECTION
A.P.H.Q.

X164E

17 Feb 1945

Signal Officer
HQ MIA

Copy to: Ord 13. (With copy of letter under reference)

The majority of Signal Controlled Stores demanded in your X508/1 of 24 Jan 45 have been released. The items listed under "Transport" in that letter should be demanded through the normal channels.

AM's doing this

O&T/WKHS/ELJ

John K. Sanderson
MAJOR
To: Major General
Chief Signal Officer

Subject: TRAINING OF BRITISH-ITALIAN FORCES

SIGNAL SECTION
A.F.H.Q.

X164E

16 Feb 1945

DMT AMHQ

Copy to: Signal Officer IMHA

Your DMT/07/AMT of 11 Feb 45.

It is considered that no increase in the training staff will be necessary as far as signals are concerned and that the extra personnel can be catered for by increasing the number of students on the present courses.

As this is the first large scale attempt at Italian Signal training it is possible that these views may have to be revised after the Centre has been in action for some time, but it is felt that to recommend increases at this stage, and without first trying out the existing scales, would not be economical.

DMT/07/AMT

*Have not seen
out letter, don't
know what the answer
they have asked for*
9/2
Major General
Chief Signal Officer

Subject: Italian S.T.C.

Land Forces Sub Comd A.C. (MMA)
X:08/1
24 Jan 45

CSO AFM

Reference conversation SANDERSON - CALVINLEY, even date, it is confirmed that the Italian S.T.C. will open temporarily at NOCHRA INFIRIOTE due to the fact that the barracks at BRACCIANO will NOT be ready before 1 APR 44.

132 men (total capacity at NOCHRA) will commence training on 1 FEB. and on or about 1 APR (half-term) it is proposed to lift the whole organization and transfer same to BRACCIANO.

To enable training to be carried out immediately the release of the following is requested:

Signal stores

Charging sets 300 watt	4
Instruments test No. 1	4
Ammeters Calvernal	2
Chests, I.M. (filled)	2
Revolvers Glass D	5
Switchboards U.C. 10	2
do. F & F	1
Superpacing units, 1 Transf.	2
Frames D.F. - 10 wire, sets	2
" 40 pr	1
Boxes terminal Sign. Office	2
Connectors 5 pr. (red)	2
do. (black)	2
Cable, any type (salvaged and U/S)	1 mile

Transport

Trucks 15 ext FM

To enable training to be carried out immediately the release of the following is requested:

Signal Stores

Charging sets 300 watt
Instruments test No. 1
Ammeters Universal
Chests, I.M. (filled)
Wavemeters Class D
Switchboards U.C. 10
do. F & P
Superheating units, 1 Transf.
Frames D.Z. - 10 wire, nets
" 40 pr
Boxes terminal Signal Office
Connectors 5 prs. (red)
do. (black)
Cable, any type (salvaged and U/S) 1 mile

Transport

Trucks 15 ext FFV
Cars 4 seater
M.C.'s solo
Tool Chests, M.T. filled

4 4 1 2 5 2 1 2 2 1 2 2 2 1
5 1 10 2

3995

Ala. H. H. H.
Major S.O.R. Signs
Land Forces Sub Comm S.O. (MIA)

Copy to S.O., It. School of Signals
(Capt Thomas)

SUBJECT: Italian Training Centre

SIGNAL SECTION, AFHQ

X164E

17 Jan 45

DMT

Copy to: HQ MMIA
Ord 13

1. Attached is a suggested G1098 for the Signal Training Centre to be opened at CLESANO.
2. It does not include any of the extra equipment that may be necessary when further line training facilities are added on the closing down of the present Line School at FRANCOVILLA (see this office letter X164E of 13 Jan 45). In any event increases for this commitment should be negligible in view of the equipment already held at the FRANCOVILLA School.
3. Estimates have been kept to a minimum owing to the known general shortage of equipment and transport.

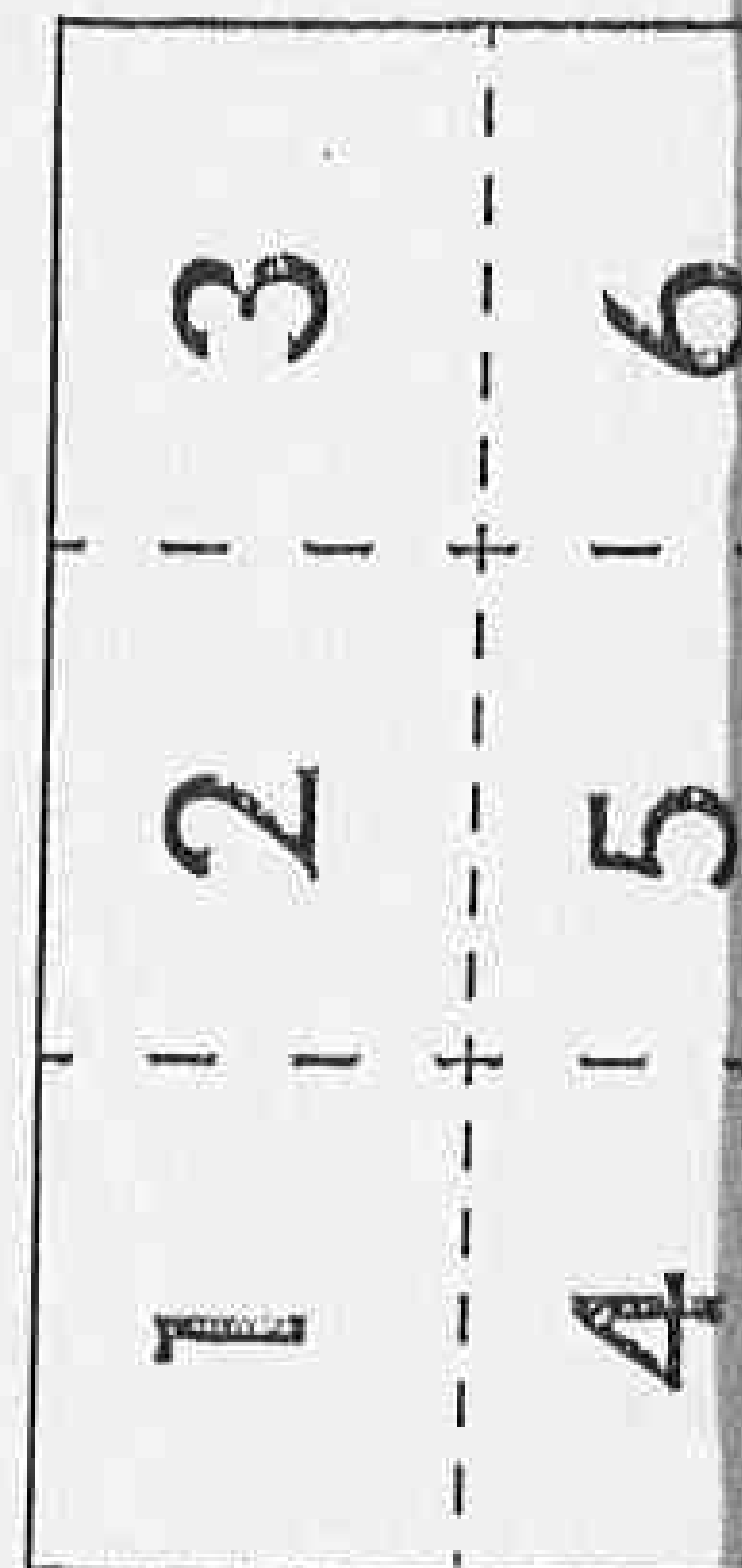
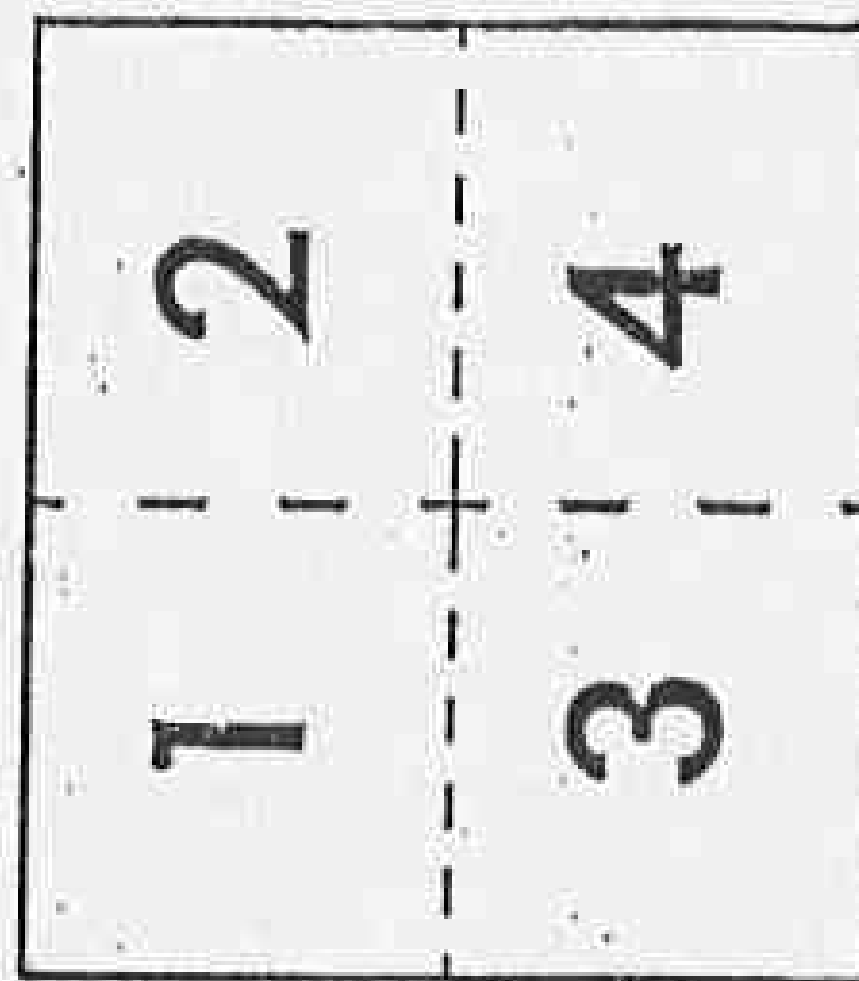
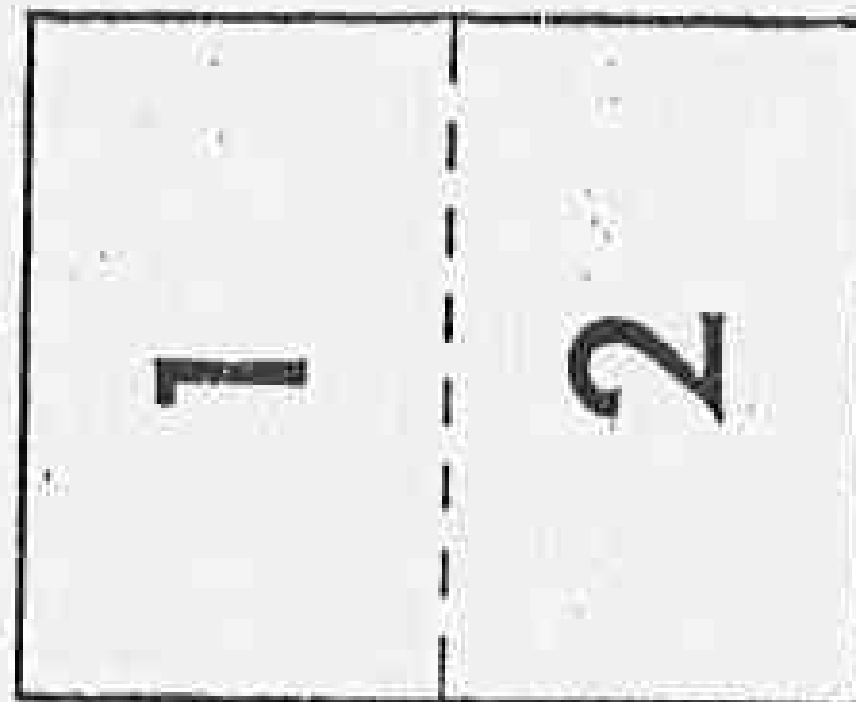
4 planners to - col
Major General,
Chief Signal Officer.

O&T/WKHS/BG

785020

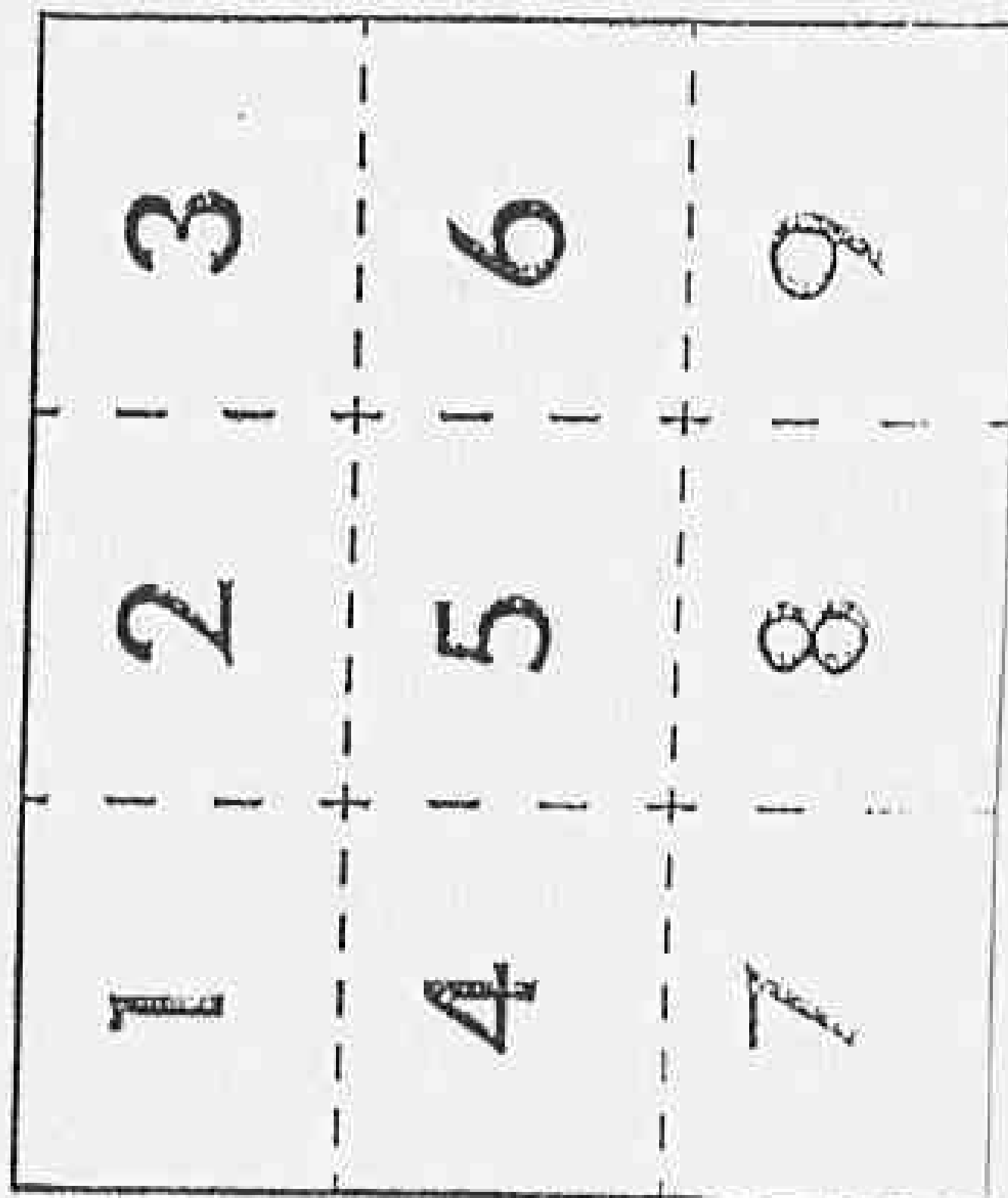
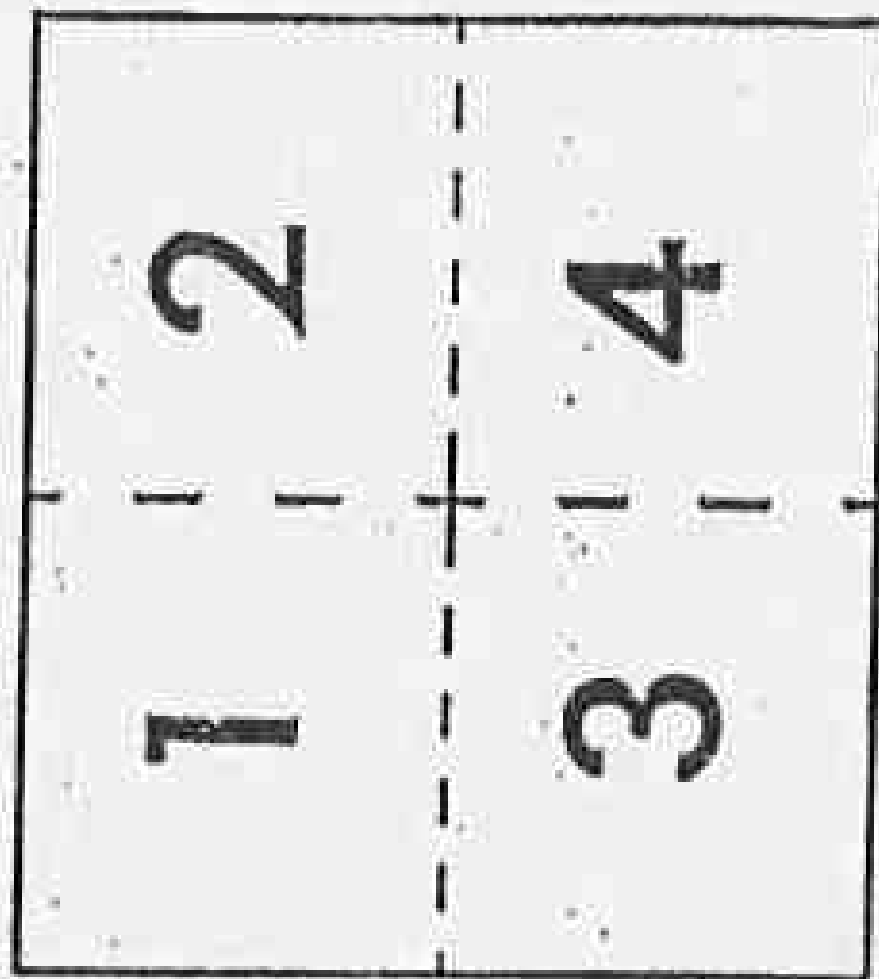
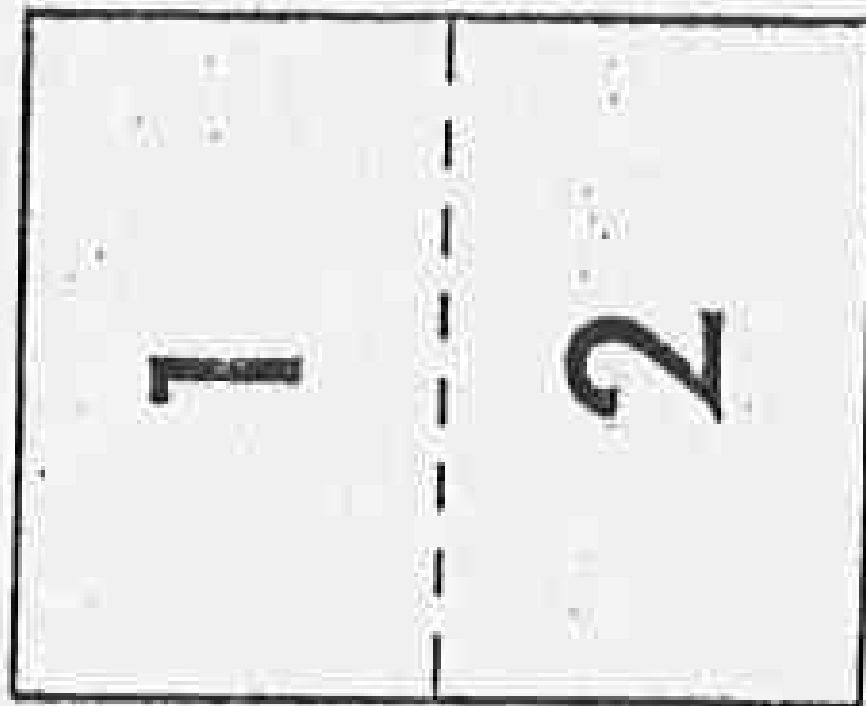
MAPS AND CHARTS TOO LARGE TO FILM
ON ONE EXPOSURE ARE FILMED CLOCKWISE
BEGINNING IN THE UPPER LEFT CORNER,
LEFT TO RIGHT, AND TOP TO BOTTOM.

SEE DIAGRAMS BELOW.



LEFT TO RIGHT, AND TOP TO BOTTOM.

SEE DIAGRAMS BELOW.



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

785020

785020

HQ	GENIO WING						TOTAL GENIO WING	CIV WRLS (ART)
	OPS WRLS COURSE	OPS LINE COURSE	OPS SWAD COURSE GENIO & REGTL	LINE COURSE	D.R. COURSE	TECH MAINT WING INCL IMMERS COURSE		
Cable Electric DIII Single-Miles							5	
Cable Electric DVIII Single-Miles				5			5	
Cable Electric DVIII Twisted-Miles				5			5	
Cable Electric W110 Single-Miles				15			15	
Cable Electric W110 Twisted Miles				10			10	
Stay Wire BB 11 Miles				1			1	
Drums Cable No 5				15			15	
" " " 7				8			8	
Reels Cable No 1								
Apparatus Cable Laying No 2 (or 6)								
Apparatus Cable Laying No 3				1			1	
Barrows Drum				2			2	
Mechanical Cable Layer No 1				1			1	
Frames D & P 10 Wire (Sets)		2					2	
" 40 Pair			1				1	
Fullerphones		30					30	
Ladders FT				2			2	
Coils C161 (or Super- posing Units) Xfr		2	2				4	
Superposing Units 3 Xfr		2					2	
Switchboards UC 10 line		2	2				4	
Switchboards F&F 40 line			1				1	
Telephones D Mk V		15	15				30	
" F or REBA			6				6	

785020

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

GENIO WING					REGTL SIGNALLERS WING				RFT DEPOT SIG WINGS			
OPS WING GENIO REGTL	LINEAN COURSE	D.R. COURSE	TECH MAINT WING INC IN AFES COURSE	TOTAL GENIO WING	OPS WRLS (AR Y)	OPS WRLS (INF)	LMN REGTL COURSE	REGTL SIGNALLERS WING	GENIO	ARTY	INF	TOTAL RFT DEPOTS TRG WINGS
					14 is recovered cable				2	5	5	12
5				5					2			2
5				5					2			2
15				15								
10				10								
1				1								
15				15					2	5	5	12
8				8					3			3
							45	45		6	6	12
							20	20		4	4	8
	1			1					1			1
	2			2					1	1		2
	1			1								
				2								
1				1								
				30					2		2	4
	2			2					1			1
2				4					2		2	4
				2								
2				4					1	1	1	3
1				1								
15				30			4	4	6	6	6	18
6				6								

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

785020

Switchboards UC 10 line

2

2

4

Switchboards F&F 40 line

1

1

Telephones D Mk V

15

15

30

" F or BBBA

6

6

" L

2

2

4

Test Sets Part No 2 -
or BB 65-1

2

2

Wireless Sets No 9

6

shared

6

11

with

18 or
48

Operators

Swbd and

Operators

Courses

19

10

in

10

21

both

Genie and

22

10

Regtl

Wings

10

Wavemeter Class C
(or D)

4

4

Charging Sets 300 W

4

4

" " 1260 W

4

4

" " 4 KW or
Substitute

1

1

Avometers Universal

1

1

Avominors

6

6

Instrument Testing No 1

4

4

Belts Lineman

50

50

Frogs, Pliers

50

50

Pliers Sidecutting 7"

50

50

Belts Lineman Safety

4

4

Climbers Pole(Br) pairs

4

4

Poles Tele Wood
light 17'

20

20

Pins Earth

20

20

Pipes Earth

6

6

785020

2	2			4				1	1	1
	1			1						
15	15			30			4	4	6	6
	6			6						
	2	2		4						
		2		2						
				6						
					15			15		
						50		50		10
				10				2		
					15			15	3	
				10				2	3	
				4				1	1	
			4	4						
			4	4				1	1	
			1	1						
			1	1						
			6	6						
			4	4						
	50			50				6	6	6
	50			50				6	6	6
	50			50				6	6	6
	4			4						
	4			4						
	20			20						
	20			20				6	6	6
	6			6				2		2

785020

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

									2		2
4					1	1	1	3	2	5	7
1											1
30		4	4	6	6	6	18	40	12	52	
6								6		6	
4									4	4	
2								2		2	
6								6		6	
	15			15						15	15
		50		50			10	10	15	45	60
10					2			2	10	2	12
	15			15		3		3	10	8	18
10					2	3		5	10	5	15
4					1	1		2	2	4	6
4										4	4
4					1	1		2	3	3	6
1										1	1
1										1	1
6									2	4	6
4										4	4
50					6	6	6	18		68	68
50					6	6	6	18		68	68
50					6	6	6	18		68	68
4										4	4
4										4	4
20										20	20
20					6	6	6	18		38	38
6					2		2	4		10	10

Shared
with
Regt
Signal-
ers
Wing
Line-
man
Course

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

785020

Avometers Universal						1	1
Avominors "						6	6
Instrument Testing No 1						4	4
Belts Linemen				50			50
Frogs, Pliers				50			50
Pliers Sidecutting 7"				50			50
Belts Lineman Safety				4			4
Climbers Pole(Br) pairs				4			4
Poles Tele Wood light 17'				20			20
Pins Earth				20			20
Pipes Earth				6			6
Boxes terminal Sig Office		2					2
Connectors 5 pr (Red)		2					2
" 5 pr(Black)		2					2
Lamps DSSR with tripod							
Buzzers Signal Trg		40					40
Training Sets WT		4					4
Chests Tool Filled IM						2	2
" " " MT						2	2
Cases " " IM							
MT							
Cars	1						
Trucks 15 cwt WT		8				2	10
Lorries 3 ton WT	1						3
Motorcycles		1			2	10	13

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

785020

Shared
with
Regtl
Signal-
ers
Wing
Line-
men
Course

								1	1
								1	1
							2	4	6
								4	4
			6	6	6	18		68	68
			6	6	6	18		68	68
			6	6	6	18		68	68
								4	4
								4	4
								20	20
			6	6	6	18		38	38
			2		2	4		10	10
							2		2
								2	2
								2	2
13		13			4	4	10	7	17
			10	10	10	30	40	30	70
								4	4
								2	2
								2	2
			1	1		2		2	2
8		8							1 16
	2	2							5
1		1	4			4			18

0786

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

785020

3993

SUBJECT: War Establishments - ITALIAN

Sup (X)
CONFIDENTIAL (2)

SIGNAL SECTION, AFHQ

X164H

13 Jan 45

DMT

Copy to: HQ MMIA ✓

1. Attached is a suggested WE for the Italian Signal Training Centre in which are included three Signal Training Wings - one each for the Artillery, Genio and Infantry depots. This WE follows very closely the original which was prepared by HQ MMIA.
2. It is proposed that the Signal Training Centre will replace the present Signal School at NOCERA and will cater for the training of all signal combat personnel plus sections (such as Technical Maintenance Sections) that are attached to the Gruppi.
3. It is further proposed that the Line School at FRANCOVILLA should remain in being until all the Italian line sections have been formed. When this programme is completed, which it is estimated will be in about three months time, it will probably be necessary to add to the line training facilities at the Signal Training Centre in order to cater for the training of normal replacements for the line sections and for the running of certain refresher courses for their personnel.
4. Whilst this WE has been investigated very completely and discussed in detail with MMIA Signal Officer, it is suggested that it is once more vetted by MMIA, in view of their more thorough knowledge of the functions of the Italian Army. In particular, attention is drawn to the medical officer and medical orderlies who should presumably be shown as attached; also to the fact that though an ES Course is shown, no personnel of the trade of ES appear on the instructional staff.

LBN
Major General,
Chief Signal Officer.

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

785020

	H.Q.	Hq Operating Wing	Operators Wireless Course	Operators Line Course	Operators Switchboard (Genio and Regimental) Course	Hq Line wing
Lt Col (Commandant)	1					
Major (Chief Instructor)	1					
Capt (Adjutant)	1					
Capt (Instructors)		1	1			1
Lt (Instructors)			3	2	1	
Lt (TMO)						
Lt (QH)	1					
Medical Officer	1					
Lt Admin	1					
	6	1	4	2	1	1
RAA	1					
RAA	1					
COM		1				
COMS (F of 2)						
COMS	1					
Sgt (Orderly Room)	1					

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

785020

CMS (F of 3)									
CMS	1								
Sgt (Orderly Room)	1								
" (Cook)	1								
" (IM)									
" (Operator)			2	1	1				
" (Linemen)									
" (Despatch Rider)									
" (Fitter HV)									
TOTAL SOG STAFF SOGs & SOGs	5	1	2	1	1				
Cpls (IM)									
Cpls (Cook)	3								
" (Operators)			2	1	2				
" (Linemen)									
" (Despatch Rider)									
" (Clerk)	1								
" (Sanitary)	1								
" (Storamen)	1	1						1	
TOTAL CORPORALS	6	1	2	1	2			1	1
Sign Operators									
" Clerks	1	1						1	
" Fitters HV									
" IMs									
" Linemen									
" Draughtsmen	1								
" Despatch Riders	2								

0793

785020

[illegible]

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

785020

" (Sanitary)	1						
" (Storemen)	1	1				1	
<u>TOTAL CORPORALS</u>	<u>6</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>1</u>
<u>Sigbee Operators</u>							
" Clerks	1	1				1	
" Fitters MV							
" IMA							
" Linemen							
" Draughtsmen	1						
" Despatch Riders	2						
" Driver Mechanics	3						
" Storemen							
" Cooks	6						
" Medical Orderlies	2						
" General Duties	30						
" Sanitary							
<u>Drivers I.C.</u>	<u>16</u>						
<u>Batmen</u>	<u>6</u>						
<u>TOTAL RANK AND FILE</u>	<u>73</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>1</u>
<u>TOTAL OTHER RANKS</u>	<u>78</u>	<u>3</u>	<u>4</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>2</u>
<u>TOTAL ALL RANKS</u>	<u>84</u>	<u>4</u>	<u>8</u>	<u>4</u>	<u>4</u>	<u>3</u>	<u>2</u>

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

785020

			x							
			3	1				1		5
2	1	14	1	4	5	3	13	18	51	
			x							
			3	1				1		5
			3							3
			2							2
										1
										2
										3
										6
										3
										30
										16
										6
2	2	1	22	2	4	5	3	14	18	127
2	2	2	32	3	7	9	4	23	31	154
2	3	2	43	4	10	15	5	34	24	185

0797

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

785020

3991

785020

PROPOSED ORGANIZATION FOR AN ITALIAN SIGNAL TRAINING CENTRE.1. STRENGTH IN PERSONNEL.

- (a) Appendix 'A' shows details of all signal trades, regiments included, within the Groups, and the numbers required to maintain the Groups at a strength of 3.10% per month.
- (b) This percentage is an average between one period of combat at 4.55% and two periods of rest at 2.6%.
- (c) It is assumed that the Training Centre would not be responsible for the training of officers, of the R.M.S. equivalent of wireless mechanics for the "tail", nor for drivers, driver mechanics, cipher operators, clerks and other minor trades.
- (d) Appendix 'A' is taken as a basis of all calculations for the Training Centre.

2. INTAKE AT THE TRAINING CENTRE.

Appendix 'B' details the monthly intake of students over a period of six months, and the allocation of students to trades.

3. OUTPUT FROM TRAINING CENTRE.

- (a) Appendix 'B' shows the estimated dates and output from the Centre of trained students, assuming that training starts on 1st Jan 45.
- (b) It is assumed that all men will require training from scratch. If it is found subsequently that a proportion of students are already basically trained, the output of students would be higher in the earlier stages of development of the Centre.

4. TRAINING COURSE.

- (a) It is suggested that the following courses should be provided.
- (1) Operators wireless, duration 17 weeks.
- (2) Operators line, duration 13 weeks. For lower grade operators with additional knowledge of switchboard operating and signal clerk's duties.
- (3) Switchboard operators, duration 4 weeks. For still lower grade operators, with complete knowledge of signal clerk's duties.

- (a) Appendix 'B' shows the estimated rates and output from the Centre of trained students, assuming that training starts on 1st Jan 45.
- (b) It is assumed that all men will require training from scratch. If it is found subsequently that a proportion of students are already basically trained, the output of students would be higher in the earlier stages of development of the Centre.

4. TRAINING COURSES.

- (a) It is suggested that the following courses should be provided.

- (1) Operators wiremess, duration 17 weeks.
- (2) Operators line, duration 13 weeks. For lower grade operators with additional knowledge of switchboard operating and signal clerk's duties.
- (3) Switchboard operators, duration 4 weeks. For still lower grade operators, with complete knowledge of signal clerk's duties.
- (4) Linemen, duration 4 weeks.
- (5) Instrument mechanics, duration 17 weeks.
- (6) Electrician Signals, duration 3 weeks.
- (7) Regimental operators, Arty, duration 13 weeks.
- (8) Regimental operators, Inf, duration 13 weeks.
- (9) Regimental linemen, duration 4 weeks.
- (10) Regimental switchboard operators, duration 4 weeks.

3940

- (b) Appendix 'C' details the organisation and strength of the various courses, to explain and support the requests for training stores and instructional staff in para 6 and 7 below.

5. PROGRAMMES.

Block training programmes will be submitted later.

6. TRAINING STORES.

The technical stores considered necessary are detailed in Appendix 'D'.

Continued Sheet 2

785020

Sheet 21. INSTRUCTIONAL AND ADMIN STAFF (ITALIAN).

- (a) Appendix 'a' shows a suggested establishment of Italian Admin and Instructional staff.
- (b) Difficulty may be experienced in finding sufficient instructors trained on British procedure and equipment. Consideration might, therefore, be given to obtaining instructors from the Groups, for the ultimate benefit of all.

2. LEADERS AND INSTRUCTIONAL STAFF (BRITISH).

- (a) It is considered that it would be essential to have a small British staff at the Training Centre to supervise the formation of the Centre and the running of it for a period. This would be reduced progressively until such time as the Centre might be self-supporting.
- (b) Appendix 'f' details the proposed British staff.

3. ACCOMMODATION AND ACCOMMODATION UTENSILS.

- (a) A site has not as yet been selected.
- (b) Exact estimates of accommodation and accommodation stores can be made subsequently. Provision should be made for the following overall requirements:-

- (1) Sitings, mess-rooms and kitchens for about 600 men.
- (2) A desirable maximum of 20 small clean rooms with seating for about 400 men.
- (3) Admin officers and officers quarters.
- (4) M.T. workshops, battery charging shops, I.M's workshops and stores.

4. TRAINING AREA IN BRITISH ARMY PLANT.

Appendix 'g' details the instructors and stores considered necessary for the execution of limited signals refresher training in each of the Engineer, Arty and Inf Holding Bns.

(b) Exact estimates of accommodation and accommodation stores can be made subsequently. Provision should be made for the following overall requirements:-

- (1) Barracking, mess-rooms and kitchens for about 600 men.
- (2) A desirable minimum maximum of 20 small class rooms with seating for about 400 men.
- (3) Admin officers and officers quarters.
- (4) M.T. workshops, battery charging shops, I.G's workshops and stores.

10. TRAINING TIME IN REINFORCEMENT DET.

Appendix 'G' details the instructors and stores considered necessary for the execution of limited signals refresher training in each of the Engineer, Arty and Inf Holding Bns.

3989

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

785020

SIGNAL TRAINING IN ITALIAN COMBAT GROUPS

TRADE	Total one group	Total six groups	Suggested reduction	Reduced total six groups	Wastage per month at 3.13%	Duration of course in months (basic training)	X	monthly wastage	= total at excl wast
Operators Wireless	39	534	-	534	17	4	x	17	6
Operators Line	39	234	-	234	3	3	x	3	2
Switchboard Operators	15	90	-	90	3	1	x	3	
Linemen	43	258	-	258	3	1	x	3	
Despatch Riders	25	150	-	150	5	2	x	5	1
Instrument Mechanics	16	96	-	96	3	4	x	3	1
Electrician Signals	11	66	-	66	2	2	x	2	
Regt Ops. Arty	216	1296	432	864	27	3	x	27	5
Regt Ops. Inf	223	1368	4	1368	45	3	x	45	13
Regt Linemen Arty. Inf.	250	1500	375	1125	36	1	x	36	3
(*) Swbd Ops. Arty. Inf.	365	498	-	498	16	1	x	16	1
TOTALS	1015	6090	807	5283	170				39

(*) To be combined with Switchboard Operators course of Genio

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

785020

APPENDIX 'A'

SIGNAL TRAINING IN ITALIAN COMBAT GROUPS.

Signal Group	Wastage per month at 3.13%	Duration of Course in months (basic training)				= total at Centre at one time exclusive of wastage	add 10% for normal wastage and rejects in training	INTAKE			
		X									
34	17	4	x	17		68	75	1 every month			
34	8	3	x	3		24	27	total every 3 months			
90	3	1	x	3		3	4	"	"	1	"
58	8	1	x	3		3	9	"	"	1	"
50	5	2	x	5		10	11	"	"	2	"
96	3	4	x	3		12	13	"	"	4	"
66	2	2	x	2		4	5	"	"	2	"
364	27	3	x	27		81	89	1/3	"	1	"
368	45	3	x	45		135	148	"	"	"	"
125	36	1	x	36		36	40	total every month			
498	16	1	x	16		16	18	"	"	"	"
283	170					397	439				

of Genio

785020

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

INTAKE AND OUTPUT OF STUDENTS TO THE ITALIAN SIGNAL

TRADE	1st Jan 45	1st Feb 45	1st Mar 45	1st Apr 45	1st May 45	1st Jun 45	End Jun 45
Operators Wireless	25	25	25	-	25	25	-
Operators Line	27	-	-	27	-	-	-
Switchboard Operators	4	4	4	4	4	4	3
Linemen	X 9	9	9	9	9	9	8
Despatch Riders	11	-	11	-	11	-	-
Instrument Mechanics	13	-	-	-	13	-	-
Electrician Signals	5	-	5	-	5	-	-
Regt. Ops. Arty.	30	30	30	30	30	30	-
Regt. Ops. Inf.	49	49	49	49	49	49	-
Regt. Linemen Arty. Inf.	X 40	40	40	40	40	40	36
Subd Ops. Arty. Inf.	13	13	13	13	13	13	16
	231	175	191	177	204	175	63

231
175
191
177
204
175
63

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

785020

APPENDIX 'B'

LIST OF STUDENTS TO THE ITALIAN SIGNAL TRAINING CENTRE

1st Apr 45	1st May 45	1st Jun 45	2nd Jan 45	2nd Feb 45	1st Mar 45	2nd Apr 45	2nd May 45	2nd Jun 45	2nd Jul 45	2nd Aug 45	2nd Sep 45
-	25	25	-	-	-	23	23	23	-	23	21
27	-	-	-	-	24	-	-	24	-	-	24
4	4	4	3	3	3	3	3	3	3	3	3
9	9	9	3	3	3	3	3	3	3	3	3
-	11	-	-	10	-	10	-	10	-	10	-
-	13	-	-	-	-	12	-	-	-	12	-
-	5	-	-	4	-	4	-	4	-	4	-
30	30	30	-	-	27	27	27	27	27	27	27
49	49	49	-	-	45	45	45	45	45	45	45
40	40	40	36	36	36	36	36	36	36	36	36
13	13	13	16	16	16	16	16	16	16	16	16
177	204	175	63	77	159	184	153	196	155	184	182

785020

APPENDIX 'C'ORGANIZATION OF TRAINING COURSES.1. OPERATING UNIT.(a) Operator Wireless. O.C. 1 OfficerStrength. 3 courses x 25 studentsInstructors. 4 Officers. 4 WCOs.Stores.

W.T. Sets No. 19 3 + 1 reserve = 10

W.T. Sets No. 22 9 + 1 reserve = 10

Revaneters Class 'C' of 'E' = 4

Allowing two sets the exclusive use of either 1 No. 19 set or 1 No. 22 set every 2 days.

The 6 W.T. Sets No. 9 already issued to the School would be used for additional practice and training schemes.

Trucks 15 cwt G.M. Class V. 6
Motorcycles 1

(b) Operators Line.Strength. 1 course x 25 students.Instructors. 2 Officers. 2 WCOs.Stores.

Fullerphones 30

Babbs OC 10 lines 2

Coils C. 151. 2

Superposing units 3 trans. 2

Frames L & P 10 wire sets 2

Boxes terminal signal office 2

Tele Sets T.V. 15

All the above items would be shared with the CWBd Operators Course.

(c) Switchboard Operators (Radio and Regiments)Strength. 2 course of 11 menInstructors. 1 Officer. 2 WCOs.

Trucks 15 out G.S. Class V. 6
Motorcycles 1

(b) Operators Line.

Strength. 1 course x 28 students.

Instructors. 2 Officers. 2 NCOs.

Stores.

Wallphones

Switch 10 10 line

Coils C.161.

Superposing units 3 trans.

Frames D & P 10 wire sets

Boxes terminal signal office

Tele sets 1.7.

30
2
2
2
2
2
2
15

Operators Course.
All the above items would be shared with the CWB

(c) Switchboard Operators (Radio and Regimental)

Strength. 2 course of 11 men

Instructors. 1 Officer. 3 NCOs

Stores.

Sec (b) above with additional

Switchboard 40 line F & F

Frames 40 pr

Switchboards 10 10 line

Tele 1.7.

" F

" L

Coils C.161

1
1
2
15
5
2
2

2. LINENING. G.S. 1 Officer

(e) Linen's Course.

Strength. 1 course x 9 men

Instructors. 2 NCOs

Stores.

Mech. Cable Layer No.1.

Barrows 1 run

Apparatus Cable Laying No.3

Cable W 110

" W 110 T

Cable 1. VIII Twisted

" " Single

Tele L

Test Sets Portable No.2.

Lorries 3 ton G.S.

Motorcycles

miles
" "
"

1
2
1
15
10
5
2
2
1

3989

continued

785020

AD 111 'C' (Sheet 2)

ORGANISATION OF TRAINING COURSES (Cont'd)2. LINE WING.(b) Despatch Riders Course.

<u>Strength.</u>	2 courses x 6 (to run concurrently)	
<u>Instructors.</u>	2 NCO's.	
<u>Stores.</u>	Motor Cycles	10
	Tool chest, 1.1.	1

3. I.M.'s FIRE AND TECHNICAL MAINTENANCE SECTION. T.M.S. - 1 Officer.(a) I.M.'s Course.

<u>Strength.</u>	1 course x 13 men
<u>Instructors.</u>	1 officer. 2 NCO's.

(b) E.E. Course.

<u>Strength.</u>	1 course x 5 men
<u>Instructors.</u>	2 N.C.O's.

To be shared by the two courses and at the same time provide for the T.M. Section of the Centre.

Charging Sets 4 K.W.	1
" " 1200 W.	2
" " 300 W.	2
Instruments tested No. 1.	7
Avometers	1
Avonitors	0
Bests filled 1.1.	2

4. REGIMENTAL SIGNALING WING. 1 Officer. O.C.(a) Wireless Operators, Artillery.

<u>Strength.</u>	3 courses x 30 men	
<u>Instructors.</u>	3 Officers. 7 N.C.O's.	
<u>Stores.</u>	W.T. Sets No. 11	9 + 1 reserve 10
	W.T. Sets No. 21	9 + 1 reserve 10

Allowing two men the exclusive use of either one W.T. set.

Instructions.

2 N.O.C.s.

Stores.

To be shared by the two courses and at the same time provide for the I.M. section of the Centre.

Chargers Sets 4 K.M.
" " 1200 W.
" " 300 W
Instruments testing No. 1.
Ammeters
Amminors
Seats filled I.M.

1
2
2
4
1
3
2

4. REGIMENTAL SIGNALING UNIT. 1 Officer. O.C.(a) Wireless Operators. Artillery.Strength.

3 courses x 30 men

Instructors.

3 Officers. 7 N.O.C.s.

Stores.

N.T. Sets No. 11 9 + 1 reserve 10
N.T. Sets No. 21 9 + 1 reserve 10
Allowing two men the exclusive use of either one No. 11
Set of one No. 21 set every 2 to 3 days.
Trucks 15 cwt G.M. Glass V.
to make 10 with three of the Operators course.
Motor Cycles 1

(b) Wireless Operators. Infantry.Strength.

6 courses x 25 men

Instructors.

6 Officers. 9 N.O.C.s.

Stores.

N.T. Sets No. 10 and 43 2 x 12 + 2 = 30
Allowing two men the exclusive use of one 19 set every

3 days.

Lamps 1500
Batteries 2 ton

3485

15
2

(c) Regimental Liaison.Strength.

2 courses x 20 men (running concurrently)

Instructors.

1 Officer. 4 N.O.C.s.

Stores.

Apparatus Cable Laying No. 2 or 6 20
Tele Sets I.V.
Cable I. III. Single miles 15
allowing two men the exclusive use of one 19 set every

4
15

40
4

5. OPERATIONS FOR ARTILLERY CLASS 2001.

Buzzers signal training
N.T. training sets

785020

APPENDIX M
LIST OF TRAINING STORES AND VEHICLES FOR ITALIAN SIGNAL TRAINING CENTER

DESIGNATION	Total	Held or Released	Required
Wireless Sets No. 3	6	6	10
11	19	-	15
13 and 43	30	15	-
19	10	10	-
21	10	10	-
22	10	10	-
Charging Sets 4 R.W.	1	-	1
1200 W.	2	3	-
300 W.	4	-	2
Instrument test No. 1	4	-	4
Test Sets Portable No. 2 or 3. 65.1	2	2	-
Ammeters Universal	1	-	1
AVMAGNOR	3	2	4
Chests, filled, I.M.	2	-	2
Revolvers, Class 'I'	7	2	5
Large CDS with tripods	13	10	3
Tool Chests, I.I.	2	-	2
Switchboards U.C. 10 line	4	2	2
F & P Box	1	-	1
Telephones L.V.	40	40	-
F & P Telephones A.A. 3A	6	6	-
Fullerphones	4	30	4
Coils C.161 overposing units 1 transformer	4	2	2
Overposing units 3 transformer	2	2	-
Frames D.P. 10 wire (sets)	2	-	2
" 40 pr	1	-	1
Boxes Terminal Signal Office	2	-	2
Connectors 5 prs (red)	2	-	2
" " (black)	2	-	2
Cable L.VIII twisted (miles)	3	-	3
single	3	-	3
" " recovered	15	15	-
Cable W 110 E	15	15	-
" 110 F	10	10	-
Stay Wire 4/3 or 11	1	-	1
Truss Cable No. 7	3	-	3
30.5	15	-	15
Reels Cable No. 1	45	-	45

785020

PROPOSED PAR BATTALIMENT - ITALIAN SIGNALS TRAINING CENTRE

A. DIA. 12

DETAIL

DETTAGLI

	Headquarters Command	Operators and Section Personnel	Line & D. 38 and Section Personnel	Regimental and Section Personnel	Techn Maintenance and Section Personnel	Technics Total	Totale
Commandant (Lt. Col)	1						1
Major, Chief Instructor	1						1
Adjutant	1						1
Subalter	1						1
Quartermaster	1						1
Technical Maint. Offr.	1						1
Medical Officer	1						1
Instructors	1	3	1	12	1	21	21
Total Officers	6	3	1	11	2	23	23
Regimental Lt. Major.	1						1
Regimental Quarter-	1						1
Master Sergeant							
Company Sgt Major.		1					1
Company Quarter Master							
Sgt (Foreman of Signals)							
Company Quarter Master							
Sergeants (Orderly Room)							
" (Cook)							
" (Instrument Mech)							
Parasciello Comandante							
Sergente Maggiore di							
Regio Rite							
Sottufficiale di							
Contabilita							
Sers. Mag. Capo							
Ufficio Collegamenti							
Sottufficiale di							
viveri e materiele							
Sergenti (Muraria)							
" (Piazziera)							
" (Radiofon							
tatore)							

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785020

APPENDIX 'E' (Contd)

PROPOSED WAR ESTABLISHMENT - ITALIAN SIGNALS TRAINING CENTER.

Distribution of Rank and File by Trades.
Distribuzione delle truppe secondo le categorie.

Detail	Dettagli	Headquarters Quartiere	Operator Sezione Marconisti	Line & L.R. Wing Sezione Guardavalli	Regimental Wing Sezione Regimentale	Technical Maint Wing Sezione Manutenzione	Technics Tecnica	Total
Operators	Marconisti	2	5					11
Clerks	Scritturali		1	1	1	1	5	5
Fitters L.V.	Meccanici							3
Instrument Mechanics	Radio Montatori			1				5
Linenen	Guardafili							4
Fraughtsmen	Disegnatori	1						1
Despatch Riders	Autisti/Messaggeri							4
Driver Mechanics	Motociclisti	1						3
Storemen	Autisti Mecanici	1						4
Cooks	Magazzinieri	1	1					3
Medical Orderly	Rancieri	2						4
General Duties	Autante di Sanita	6						9
Sanitary	Servizi Vari	2						2
Drivers I.O.	Addetti alle	20						30
Batmen	disinfezioni	1						1
	Autisti	16						16
	Attendant	6						6
				5				5

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

785020

Operators	Barconisti	5		6		11
Clerks	Scritturali	1	1	1		6
Fitters M.V.	Mecanici				3	3
Instrument Mechanics	Radiomontatori				5	5
Linemen	Guardafili		1	3		4
Brughtsman	Disegnatore					1
Despatch Riders	Autisti meccanici					4
Driver Mechanics	Autisti meccanici					3
Storemen	Magazzinieri			1		4
Cooks	Rancieri					9
Medical Orderly	Astante di Sanità					2
General Duties	Servizi Vari					30
Sanitary	Addetti alle disinfezioni					1
Drivers I.C.	Autisti					16
Batmen	Attendenti					6
Total Rank and File	totale Truppe	73	5	11	9	105

785020

APPENDIX 'F'SUGGESTED MINIMUM LIAISON OFFICE.

Officer - Capt	1
Sgt	1
Clerk - I/Cpl	1
Typewriter	1
<u>TRANSPORT</u>	
Truck 4 x 2 6 cwt	1
<u>STORAGE (L 1398)</u>	
Typewriter	1
Duplicator	1
Stationery	

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

785020

1
Typearitor

1
Luplicator

Stationery

785020

APPENDIX 3

SIGNALS TRAINING WING - REINFORCEMENT DEPOT.

	Engineer Bn	Arty Bn	Inf Bn	Total
1. INSTRUCTORS.				
Officers	1	1	1	3
N.C.O.'s (Operators)	4	4	4	12
" (Linenmen)	1	2	2	5
" (I.M.'s)	1	1	6	8

2. STORES.

Wireless Sets No. 19	2	-	-	2
21	-	3	-	3
22	-	3	-	3
18 or 42	-	-	10	10
Sevenseters Class 'D'	1	1	-	2
Switchboards U.C. 10 line	1	1	1	3
Telephones D.V	6	6	3	15
Charging Sets 1200 w.	1	1	-	2
Lamps 300W	-	-	4	4
Nullerphones	2	-	2	4
Coils C.161	2	-	2	4
Cable D.VIII Twisted or W 110 T (allies)	2	-	-	2
Cable D.VIII Single or W 110 S (")	2	-	-	2
Cable D.III Single	2	5	5	12
Cases, tool, I.M. Filled	1	1	-	2
Drums, Cable No. 7	3	-	-	3
No. 5	2	5	5	12
Reels Cable No. 1	-	5	5	10
Barrows Drum	1	1	-	2
Apparatus Cable Laying No. 3	1	-	-	1
No. 2 or 6	-	4	-	4
Ladders Field Tele	12	1	1	14
Belts Linemen	5	5	5	15
Frogs, Fliers	5	5	5	15
Pliers, side cutting 7"	5	5	5	15

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