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Mw

Dec. 1944.

10000/120/2987

SD/4/3

Mine Clearance Coys
Dec. 1944 - Sept. 1945

305
399

TRANSLATION.

From: Ministry of War.

To: Territorial Military Command Bari. Date: 28/9/45

M.M.I.A. for information.

Subject: Request for approval for the forming of Minelifting Units.

Reference your 4552/Ord/ dated the 21/9/45.

Forming and equipping of Minelifting Area H.I. at Molise is hereby approved.

Date of formation : 19/3/45.

Mustering Centre: 8th Engr. Depot.

Unit detailed for formation: Engr. Territorial Command Bari.

Unit from which personnel and material have been drawn: 9th Engr. Depot Trani.

Piacentini.

Fabre, Carter.

399

RE.
R/2/18

SUBJECT: Mine Clearance

LAND FORCES SUB-COM, A.C. (MMIA)

SD/4/3

19 Sep 45

TO : O.A. SEC, A.C.

Ref Memo on Mine Clearance from Executive Commissioner's Office
(Letter No. 1009/45/EC of 13 Sep).

1. It is agreed that the decision on whether Mine Clearance in ITALY should be the responsibility of Civil or Military Government departments should be left to the Italian Government to decide once the Italian Army is handed over to the Italian Government. Until then no change in current procedure is recommended. It is felt that MMIA can only concern itself with the supply of technical equipment if the work is to be carried out by Military Personnel under the direction of the Minister for War; the acquisition of military pattern equipment for civilian use should be handled through the normal civilian channels as is at present the case.

R. Browning

Major General
MMIA

Copy to: EXECUTIVE COMMISSIONER, A.C.

RE

R 20/9

W3

298

SUBJECT: Mine Clearance

LAND FORCES SUB-COM, A.C. (MMIA)

3D/4/3

19 Sep 45TO : C.A. SEC, A.C.

Ref Memo on Mine Clearance from Executive Commissioner's Office
(Letter No. 1009/45/EC of 15 Sep).

1. It is agreed that the decision on whether Mine Clearance in ITALY should be the responsibility of Civil or Military Government departments should be left to the Italian Government to decide once the Italian Army is handed over to the Italian Government. Until then no change in current procedure is recommended. It is felt that MMIA can only concern itself with the supply of technical equipment if the work is to be carried out by Military Personnel under the direction of the Minister for War; the acquisition of military pattern equipment for civilian use should be handled through the normal civilian channels as is at present the case.

L.B.
Major General
MMIA

Copy to: EXECUTIVE COMMISSIONER, A.C.

RE ←

WB

397

AC/33.2/13

24th September 1945

SUBJECT: Line Clearance

TO : A.F.H.I. (S-3 Section).

Reference your U-5:33.744- Italy of 5 September 1945.

1. This Commission agrees that line clearance should now be treated as a responsibility of the Italian Government. It is also agreed that the decision as to whether line clearance is to be the responsibility of civil or military Government departments should be left to the Italian Government to decide once the Italian Army is handed over to the Italian Government.

2. This Commission also agrees that it should now confine its activities to procuring equipment for line clearance work, either through normal civil supply channels or as part of military supply through MIA.

3. Land Forces Sub Commission (MIA) will only be concerned with the supply of technical equipment if the work is to be carried out by Military Personnel under the direction of the Ministry of War, the acquisition of military pattern equipment for civilian use should be handled through the normal civilian channels as is at present the case.

MIA-33

FILE: A-RE

DATE: R/28/9.

Is/ L. J. J. J.

KELLY J. STONE

Rear Admiral, RNR
Chief Commissioner

396

Copy to: Land Forces Sub Commission
(MIA) (Your 33/4/5 of 19 Sep refers)
Ministry of War
Via 14 Settembre
Rome

Allegato al f. n. 14142 /Ord./I del 24 SET 1945

COSTITUZIONE REPARTI

Reparto	Ente incaricato della costituzione	Centro di mobilitazione	Data di costituzione	Data di mobilitazione	Enti e reparti da cui sono state prese le persone
Comando Zona B.C.M. Umbria-Abruzzi	Ministero Guerra	Dep. 3° regt. genio	1 febr. 1945	1 febbraio '45	Var. disloc.
dipendenti Sotto	Dir. Gen. Genio	"	1 luglio '45	1 luglio '45	Zona - B. Abruzzi
a di Chieti - Lati	Uff. Cent. B.C.M.	"	1 luglio '45	1 luglio '45	Zona B.C.
- Frosinone	Zona B.C.M. Lazio Umbria Abruzzi	"	15 agosto 45	15 agosto '45	Lazio - Ma



Allegato al f. n. 17171 /Ord./I del 24 SET 1945

COSTITUZIONE REPARTE

Ente incaricato della costituzione	Centro di mobilitazione	Data di costituzione	Data di mobilitazione	Luoghi e reparti da cui sono stati prelevati.
Ministero Guerra	Dep. 8° regt. genio	1 febr. 1945	1 febbraio '45	Vari
Dir. Gen. Genio	"	1 luglio '45	1 luglio '45	Assiolo
Uff. Cent. B.C.M.	"	1 luglio '45	1 luglio '45	Zona - B.C.M. Abruzzi
Zona B.C.M. Lazio	"	15 agosto 45	15 agosto '45	Zona B.C.M. Lazio-Abruzzi - Marone
Umbria Abruzzi	"			



50/4/1 - 294

HEADQUARTERS ALLIED COMMISSION
APO 354
LOCAL GOVERNMENT SUB COMMISSION

AG/53.2/16

9

18 Sep 45

SUBJECT: Mine Clearance

TO : Land Forces Sub Commission (WMIA).

Reference is made to AFHQ (G-5) letter G-5:091.711.1
Italy of 3 Sep and to Inter Office Memo from Executive Commis-
sioner's Office AGO-45/20 dated 13 Sep 45 copy to you.

Attached is a copy of this Sub Commission's reply.
Please return the draft and say if you are in agreement.

W. R. Griffiths
W. R. GRIFFITHS Colonel
Director
Local Government Sub Commission

Enclosure

394.

5106

DRAFT

HEADQUARTERS ALLIED COMMISSION
AFC 334
LOCAL GOVERNMENT SUB COMMISSION

AG/33.2/LG

18 Sep 45

SUBJECT: Mine Clearance

TO : A.F.S.G. (G-5).

Reference your G-5:091.711-1 Italy of 9 Sep 45.

1. This Commission agrees that mine clearance should now be treated as a responsibility of the Italian Government and that it is for them to decide whether to employ civil or military agencies (or both) to do the work.

2. This Commission also agrees that it should now confine its activities to procuring equipment for mine clearance work, either through normal civil supply channels or as items of military supply through MMIA.

FOR THE CHIEF COMMISSIONER:

R. S. CHIRPS Colonel
Director
Local Government Sub Commission

393

5106

HEADQUARTERS ALLIED COMMISSION

APO 394

Office of the Executive Commissioner

80/4/3

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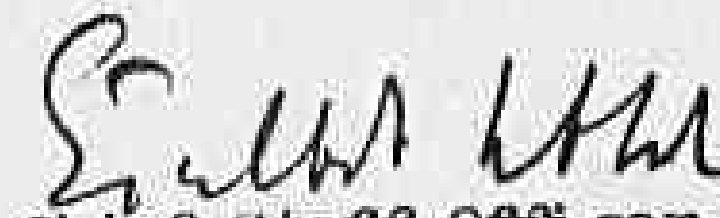
Ref: 1009/15/EG

13 September 1945

SUBJECT: Mine Clearance.

TO : Civil Affairs Section.

1. Attached please find copy of letter G-5: 091.711-1 dated 9 September 1945 from AFHQ G-5.
2. In accordance with paragraph 4, would you please have a reply prepared for the Chief Commissioner's signature.

Chief Staff Officer,
to the Executive Commissioner.

Copy to: Land Forces S.C. (LMA)
(who are requested to forward their views to G.A. Sec., copy to this office, for inclusion in reply in accordance with para 4 of enclosed letter).

392

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C O P Y

73/1

ALLIED FORCE HEADQUARTERS
G-5 Section
APO 512

G-5: 091.711-1 Italy

9 September 1945

SUBJECT: Responsibility for Mine Clearance

TO : Headquarters, Allied Commission, APO 394

Ref. your 1009/39/EC of 5 September 1945.

1. As soon as the Italian Army has been made the responsibility of the Italian Government and when Northern Italian Territories (except Udine and Venezia Giulia) have been handed over to Italian jurisdiction it is considered that mine clearance will be a responsibility which will devolve entirely upon the Italian authorities. The decision as to whether mine clearance should be done by military or civil agencies should therefore be that of the Italian Government.

2. The provision of technical equipment for use by the Italian authorities in connection with mine clearance would appear to be the only activity in which the Allied Commission should concern itself. At the moment a reply from the CCS to the requisition contained in LAC Airgram 134 of 10 August is awaited. Should this requisition be approved, the equipment to be provided should be turned over to the Italian authorities under normal supply procedures.

3. Any further requests for mine clearance equipment could be handled either as items of civil supply through normal civil supply channels, or as items of military supply through WHIA.

4. Request your comments on the foregoing and in particular your recommendations in respect of para 3 above. Please also include the views of WHIA.

(sgd) A. L. Hamblen
A. L. HAMBLEN
Brigadier General, GSC
Assistant Chief of Staff, G-5

391

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NO/mor



Roma 3 - 9 - 1945

Ministero della Guerra

DIREZIONE GEN. DEL GENIO
Ufficio Centrale B.C.M.
Divisione *la* lavoro

Del 18/7/45 Allegato

LA LAND FORCES SUB
COMMISSION A.C. (M.M.I.A.)
ROMA

Risposta al f. del 15/7/1945
Lu. A. 214978/II
232-2-2

OGGETTO: Bonifica campi minati.-

ALL'A.C. LOCAL GOVERNEMENT SUB COMMISSION

A.P.D. 394

AL MINISTERO DELLA GUERRA
Gabinetto - Uff. II°

S E D E

AL MINISTERO DELLA GUERRA
Ufficio Coordinamento

S E D E

In esito al foglio a riferimento, si trasmette lo specchio riepilogativo dei campi minati bonificati nelle varie provincie dal 1° al 31 luglio 1945.

IL DIRETTORE GENERALE DEL GENIO
(Gen.Div.O. Crivaro)

[Signature] 230

7091

MAPS FILMED ON
35MM ROLL

#389

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HEADQUARTERS ALLIED COMMISSION
APO 394
LOCAL GOVERNMENT SUB COMMISSION

RE

69

AG/53.2/LG

27 July 45.

SUBJECT: Mine Clearance

TO : Land Forces Sub Commission (LWIA).

1. There are four Italian Mine Clearing Companies, Nos 561, 562, 563 and 564. The 561 Company is in LIGURIA Region (in GENOVA), the 562 and 563 Companies are in EMILIA Region (in BOLOGNA) and the 564 Company will shortly be moved to EMILIA Region but at present is stationed at PESCARA.

2. It is proposed to leave the 562, 563 and 564 Companies in EMILIA Region which will shortly be handed back to the Italian Government. The Companies will not be required further in AMG territory.

3. These units appear in your Order of Battle as A.C. Units and it is considered that this would be a suitable opportunity for transferring the Companies (except the 561 Company) to the Ministry of War control. Before however, taking any steps in the matter please say if you have any instructions in the matter.

William Kealey, Maj
R.R. CRIPPS Colonel
Director

Local Government Sub Commissn.

ASST
OC
ASST
ASST
ASST
ASST
ASST
ASST

RE
27/7

Spoke Col Cripps
13/F 2 weeks
[Signature]

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Action Copy 6/107/1 68

Land Forces
Sub Commission, AC (MIA)
Rome
→ SD/4/3
20 July 45

MEMORANDUM:

TO : Colonel Harris

1. Your Section will receive an Alcom study covering the proposed use of German POWs by the Italians for mine clearance.
2. The plan calls for the Italian Army to provide the guard for the German POWs.
3. At this time there are 966 ITI-ITI attached to ALCCM for mine clearance work. If the Germans can be used, it appears that this 966 ITI-ITI personnel could be used as the guards, as their present work on mine clearance would be taken over by the Germans. This could not increase the present ITI-ITI allotment to ALCCM for mine clearance.

C. P. KERR
Colonel Infantry

SECRET

HEADQUARTERS ALLIED COMMISSION
AEO 394

Proposed scheme for employment of
German Prisoners of War on Mine
Clearance in ITALY with Appendices
revised at 9 July 45.

APPENDICES

App. A	Map of Italy showing Territorial Commands.
App. A-1	Map of Italy showing Mine Clearance Zones.
App. B	Suggested establishment for parties of 100 POW with Guards.
App. C	Estimated number of Mines to be cleared.
App. D	List of technical equipment, transport &c. required for parties of 100 men.
App. E	List of Depots and Sub-Depots.
App. F	List of Camp equipment &c. required for parties of 100 men.
App. G	List of transport, equipment &c. Required for 3000 men.

Proposed scheme for employment of
German Prisoners of War on Mine
Clearance in ITALY with Appendices
revised at 9 July 45.

APPENDICES

- App. A Map of Italy showing Territorial Commands.
App. A-1 Map of Italy showing Mine Clearance Zones.
App. B Suggested establishment for parties of 100
POW with guards.
App. C Estimated number of mines to be cleared.
App. D List of technical equipment, transport &c.
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App. E List of Depots and Sub-Depots.
App. F List of Camp equipment &c. required for parties
of 100 men.
App. G List of transport, equipment &c. required for
3000 men.

985

9 July 1945.

SECRET

HEAD QUARTERS ALLIED COMMISSION

ADO 394

LOCAL GOVERNMENT SUB COMMISSION

PROPOSED SCHEME FOR EMPLOYMENT OF GERMAN PRISONERS
OF WAR ON MINE CLEARANCE IN ITALY1. Introduction.

Many thousands of mines have been laid in Italy by the Germans and it has been proposed that German POW should be employed on clearing mines in Italy.

2. Personnel required.

Up to 10,000 POW can be fully employed on Mine Clearance and this scheme has been prepared on the assumption that 10,000 will ultimately be released for this purpose.

3. Administration and discipline of POW.

The POW will continue to be the prisoners of the Allied Nations and will be maintained and administered by them. The Mine Clearance scheme will be carried out by the Ministry of War under supervision of the Allied Commission in so far as AMG territory is concerned and under the guidance of liaison officers in so far as Italian Government territory is concerned. All questions of discipline and general administration of the POW will be dealt with by the Allied personnel placed in charge of the camps and from whom the Italian personnel will take their instructions. Prisoners will not be moved to their place of work without the permission and consent of the allied personnel in charge, and must be returned to their cage when ordered to do so.

4. Italian Military Organisation in ITALY.-Duties.

1. Introduction.

Many thousands of mines have been laid in Italy by the Germans and it has been proposed that German POW should be employed on clearing mines in Italy.

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4. Italian Military Organisation in ITALY.-Duties.

- (a) Italy for purposes of military administration is divided into Territorial Commands and Appendix A shows the boundaries of these Commands. For Mine Clearance purposes Italy has been divided into Zones which have the same boundaries as the Territorial Commands. Zones are where necessary divided into Sub-Zones. Appendix A-1 shows the Zones so far created.
- (b) The Zones are under command of and receive their instructions direct from the Ministry of War (Corps of Engineers) on all questions concerning Mine Clearance

and employment of civilians and military on this work. In Military Government territory instructions are issued by Allied Commission through the Ministry of War. Zones are, however, under Territorial Command of the Corps of Engineers for discipline and administration.

(c) The Ministry of War will be responsible for the employment of PSW, control and distribution of equipment, transport and materials allotted for mine clearance work. All questions of discipline and administration of Italian military or civilians will be dealt with through the Territorial Command of the Corps of Engineers.

5.

Selection, allocation and posting of PSW.

(a) It is estimated that, provided transport and equipment are made available, 3000 men would take 50 months to clear all mines in Italy, 10,000 men would take 17 to 18 months.

(b) In view of the fact that many engineering units of the German Army surrendered intact it is suggested that these units be employed on the work and allocated as a body without their officers. This would result in the men carrying on under their own NCOs and would enable good discipline to be maintained, as well as providing leadership in the work. The allocation of PSW will be carried out by Allied Commission in conjunction with the Ministry of War.

(c) PSW will be formed into units or working parties of 100 men or multiples of 100 and cages will be built to hold the required number.

(d) Appendix B sets out the establishment including Allied personnel necessary for each unit or party of 100 men with the guards and administrative staff necessary.

333

(e) A gradual development of the scheme is necessary and it is proposed that 3000 men be allocated initially. They would be assigned to the following places:

Bescara	)	500	Firenze	100
Chiati	)	500	Pistoia	100

ment, transport and materials allotted for mine clearance work. All questions of discipline and administration of Italian military or civilians will be dealt with through the Territorial Command of the Corps of Engineers.

5.

Selection, allocation and posting of PSM.

- (a) It is estimated that, provided transport and equipment are made available, 3000 men would take 50 months to clear all mines in Italy, 10,000 men would take 17 to 18 months.
- (b) In view of the fact that many engineering units of the German Army surrendered intact it is suggested that these units be employed on the work and allocated as a body without their officers. This would result in the men carrying on under their own NCOs and would enable good discipline to be maintained, as well as providing leadership in the work. The allocation of PSM will be carried out by Allied Commission in conjunction with the Ministry of War.
- (c) PSM will be formed into units or working parties of 100 men or multiples of 100 and cages will be built to hold the required number.
- (d) Appendix B sets out the establishment including Allied personnel necessary for each unit or party of 100 men with the guards and administrative staff necessary.

333

- (e) A gradual development of the scheme is necessary and it is proposed that 3000 men be allocated initially. They would be assigned to the following places:

Brescia)	300	Firenze	100
Chieti)		Pistoia	100
Ancona)	200	Lucca	100
Pesaro)	200	Pisa	100
Rimini)		Livorno	200
Cosenza)	1000	Sienna	100
Forli)		Viterbo	100
Faenza)		La Spezia	100
Bologna)		Genova	200
	1700	Venezia	200
			<u>1300</u>
			<u>1700</u>
			<u>3000</u>

- 3 -

(f) Appendix C is a rough estimate of the number of mines still to be lifted with an estimate of the number of men required in each region.

6. Guarding of Prisoners of War.

(a) The guarding of prisoners will be a responsibility of the Italian Government who will find the guards necessary. For the purposes of guarding 3000 prisoners, administration etc. the Italian Government will require 150 Carabinieri and 750 Infantry men. Permission is therefore requested from ARHQ to release such personnel from their present duties to do this guarding.

(b) The Zones will be responsible for setting up cages in advance, laying on stores, rations, equipment etc. so that the scheme may proceed with the minimum of delay. They will also be responsible for keeping records of moves of all prisoner personnel, guards, etc. within their areas and for maintaining discipline within the camp as may be required by higher authority (Allied or Italian).

(c) Prisoners will bear on their clothes some mark for easy identification. It will be a Zone responsibility to contact the local police through Questura and to make arrangements for immediate action by the police in the event of there being escapes.

7. Collection of information on Mine Clearance.

The Mine Clearing Zones will collect information on mine fields and mine belts within their areas. They are responsible for recording areas which have been cleared and for detaching squads to work on those areas still requiring clearing. This responsibility will continue and they will record all data received showing areas cleared, numbers of mines removed and destroyed and generally set themselves up as information and recording bureaux on all questions dealing with mines.

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8. Equipment (Mine Clearing).

(a) The equipment and demolition equipment required for each party of 100 men is shown at Appendix D. This appendix shows the transport which must be made available to these parties if the scheme is to operate successfully. Without transport, the question of guarding and supervising these prisoners will become very difficult and will prevent expansion of the scheme.

(b) as and when the material, transport, etc. is released by AFHQ, it is proposed to pass them through the main depot in Rome, which will be responsible for distribution to sub-depots where it is required. Sub-depots will be established temporarily at GENOVA, BOLOGNA, PERCERA, FLORENCE, PISA and PESCARA, and Appendix E shows the establishment proposed by the Italian Ministry of War for looking after material allotted to them.

(c) Provision is necessary for replacements of damaged or worn out equipment, including spares for transport.

9.

Training.

It is hoped that with the provision of personnel from engineering units already trained in mine clearance or in the laying of mines, little training will require to be done, but selected WCOs and ORs will be built up into teams of five instructors for the sole purpose of instructing in mine clearance and supervising the squads working. Initially 10 such teams will be set up and they will be dispersed as follows:

Pescera	Firenze
Ancona	Pisa
Cesena	Livorno
Forli	La Spezia
Bologna	Genova

Instructors will thereafter be moved about as necessary and will give instruction under the guidance of officers and WCOs of the Italian Mine Clearance Companies and squads who are already trained and expert in the work.

10.

Camp equipment etc.

381

Owing to the housing shortage in Italy, it is proposed that the PWs with their escorts be placed under canvas and Appendix F hereto gives supplies or equipment necessary to set up a tented camp for per-

allotted to them.

(c) Provision is necessary for replacements of damaged or worn out equipment, including spares for transport.

9.

Training.

It is hoped that with the provision of personnel from engineering units already trained in mine clearance or in the laying of mines, little training will require to be done, but selected WCOs and OIs will be built up into teams of five instructors for the sole purpose of instructing in Mine Clearance and supervising the squads working. Initially 10 such teams will be set up and they will be dispersed as follows:

Perugia	Pienezze
Ancona	Pisa
Genoa	Livorno
Porti	La Spezia
Bologna	Genova

Instructors will thereafter be moved about as necessary and will give instruction under the guidance of officers and WCOs of the Italian Mine Clearance Companies and squads who are already trained and expert in the work.

10.

Camp equipment etc.

381

Owing to the housing shortage in Italy, it is proposed that the Pst with their escorts be placed under canvas and Appendix F hereto gives supplies or equipment necessary to set up a tented camp for personnel of 100 plus 30 guards. This equipment must be made available in advance and will be forwarded to the main dump in Rome. Where circumstances permit, regular barracks will be used. Camps will be surrounded with barbed wire.

11. Information on mine fields.

APHC will make available German plans of minefields and all relevant information which will help in the tracing of minefields and the clearing of them with the minimum of casualties. Sufficient technical books published by the German Army on the laying and clearing of minefields will also be made available for distribution to the instructors. If possible, information is required from German supply sources of the total number of mines issued in Italy. All such information, books of instruction, will be passed by Allied Commission to the Ministry of War for their use.

12. Transport - P.O.L.

Before prisoners can be instructed and put to work it is essential that transport be provided. In addition to transport P.O.L. must be specifically allotted to the Ministry of War for the Mine Clearance Scheme before German personnel can be taken over and moved. Distribution of P.O.L. will be a Ministry of War responsibility and P.O.L. allotted for Mine Clearance will not be used for any other purpose.

13. Food, Rations etc.

(a) The German Prisoners will be fed on rations supplied from British or American sources. It will be a responsibility of the Allies to make deliveries of rations to the respective Camps. Allied personnel in charge of the camps will ensure that rations are being delivered or drawn for the Prisoners in their charge.

(b) Italian Military personnel will be attached to the nearest Italian Military Unit from whom

will also be made available for distribution to the instructors. If possible, information is required from German supply sources of the total number of mines issued in Italy. All such information, books of instruction, will be passed by Allied Commission to the Ministry of War for their use.

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330

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(b) Italian Military personnel will be attached to the nearest Italian Military Unit from whom they will draw rations, clothing, boots, supplies and equipment. The Ministry of War will issue the necessary orders.

14.

Appendix G sets out the equipment, transport etc. required to equip, organize and employ 3000 Prisoners of War in Mine Clearance.



R.R. CRIPPS Colonel
Director

Local Government Sub Commission

9 July 1945.

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APPENDIX "B"

SUGGESTED ESTABLISHMENT FOR PARTIES OF 100 POWs

(A) Allied Personnel in charge

1 Officer or Warrant Officer 1
 1 Sergeant 1
 2 Privates or I/Corporals 2

(B) Italian Personnel, Guards & POWs

	ITALIAN					GERMAN				
	Offr	Sgt	Lt/Plt	Pvt	Total	Sgt	Cpl	Lt/Plt	Pvt	Total
1. Commandant	1	-	-	-	1	-	-	-	-	-
2. Command	-	-	-	-	-	-	-	-	-	-
Assistant Commandant	-	-	-	-	-	-	-	-	-	-
NCO I/C	-	-	-	-	-	-	-	-	-	-
Clarks	-	-	-	-	-	-	-	-	-	-
Storekeepers	-	-	-	-	-	-	-	-	-	-
Medical Orderlies	-	-	-	-	-	-	-	-	-	-
Orderlies	-	-	-	-	-	-	-	-	-	-
Cooks	-	-	-	-	-	-	-	-	-	-
3. Guard	-	-	-	-	-	-	-	-	-	-
Commandant	1	-	-	-	1	-	-	-	-	-
CC.RR.	-	-	-	-	-	-	-	-	-	-
Guards (Military)	-	-	-	-	-	-	-	-	-	-
4. Transport Section	-	-	-	-	-	-	-	-	-	-
See Appendix "D"	-	-	-	-	-	-	-	-	-	-
5. 2 Mine Clearing Squads	-	-	-	-	-	-	-	-	-	-
TOTALS	2	3	10	15	30	4	5	13	78	100

Each Mine Clearing Squad will consist of:

(B) Italian Personnel, Guards & POWs

	ITALIAN					GERMAN				
	Offs	Asst	Lt/Asst	Pvt	Total	Sgt	Cpl	Lt/Asst	Pvt	Total
1. Commandant	1	-	-	-	1	-	-	-	-	-
2. Command	-	-	-	-	-	1	-	-	-	1
Assistant Commandant	-	1	1	1	3	-	-	-	-	-
NCO I/C	-	-	-	1	1	-	-	-	-	-
Clarks	-	-	-	1	1	-	-	-	-	-
Storekeepers	-	-	-	1	1	-	-	-	-	-
Medical Orderlies	-	-	-	1	1	-	-	-	-	-
Orderlies	-	-	-	1	1	-	-	-	-	-
Cooks	-	-	-	-	-	-	-	-	2	2
3. Guard	-	-	-	-	-	-	-	-	-	-
Commandant	1	-	-	-	1	-	-	-	-	-
CC.RR.	-	1	4	-	5	-	-	-	-	-
Guards (Military)	-	1	3	12	16	-	-	-	-	-
4. Transport Section	-	-	-	-	-	1	1	1	10	13
See Appendix "D"	-	-	-	-	-	-	-	-	-	-
5. 2 Mine Clearing Squads	-	-	-	-	-	2	4	10	64	80
TOTALS	2	3	10	15	30	4	5	13	78	100
Each Mine Clearing Squad will consist of:										
NCO in charge	-	-	-	-	-	1	-	-	-	1
Medical Orderlies	-	-	-	-	-	-	-	1	2	3
Mine Clearers	-	-	-	-	-	-	2	4	30	36
TOTAL	1	2	5	32	40	-	-	-	-	-

1212

APPENDIX "C"LIST OF THE MOST HEAVILY MINED REGIONS IN ITALY
WITH APPROXIMATE NUMBER OF MINES TO BE CLEARED

<u>Heavily mined areas</u>	<u>Approximate number of mines to be cleared</u>	<u>Personnel required</u>
<u>LIGURIA</u> Genova, La Spezia and coast	500,000	1,300
<u>EMILIA</u> Forlì; Ravenna Ferrara, Bologna Modena Province	1,000,000	2,300
<u>TOSCANA</u> Florence, Pistoia, Lucca, Pisa, Livorno Siena and coast	750,000	1,600
<u>LAZIO, UMBRIA, ABRUZZI</u> Chieti, Pescara, Ancona Pesaro and coast Ostia, Civitavecchia, Littoria, Anzio	2,500,000	3,400
<u>CAMPANIA</u> Casino, Gaeta	250,000	700
<u>MOLISE</u>	250,000	700
TOTAL	5,250,000	10,000

377

<u>LIGURIA</u> Genova, La Spezia and coast	500,000	1,300
<u>EMILIA</u> Forli; Ravenna Ferrara, Bologna Modena Province	1,000,000	2,300
<u>TOSCANA</u> Florence, Pistoia, Lucca, Pisa, Livorno Siens and coast	750,000	1,500
<u>LAZIO, UMBRIA, ABRUZZI</u> Chieti, Pescara, Ancona Pesaro and coast Ostia, Civitavecchia, Littoria, Anzio	2,500,000	3,400
<u>CAMPANIA</u> Casalno, Gaeta	250,000	700
<u>MOLISE</u>	250,000	700
TOTAL	5,250,000	10,000

377

10,000 335,000

APPENDIX "D"ESTIMATED TECHNICAL EQUIPMENT, TRANSPORT AND DEMOLITION
EQUIPMENT REQUIRED FOR EACH PARTY OF 100 MEN1. Technical Equipment

Mine Detectors.....	25
Batteries (spare) large.....	50
" " small.....	100
Prodders.....	150
Valves.....	60
Salvaged telephone cables for pulling out mines.....	30
Salvaged telephone cables for pulling out mines.....	100 yds
Tracing tape.....	100 "
Pegs for marking.....	400
Picks.....	10
Shovels.....	10
Wire cutters.....	12
Flat wire cutters.....	12

2. Demolition equipment

Safety fuse.....	1000 yds
Detonators.....	3000
Matches fuzes.....	3000
TRINITROLOLUENE Cartridges.....	500

3. Transport

Trucks 15 cwt.....	5
" 2 ton.....	1
P.U. or equivalent.....	2
Motor Cycles.....	2
Bicycles.....	2
	12

376

Mine Detectors.....	23
Batteries (spare) large.....	50
" " small.....	100
Prodders.....	150
Valves.....	60
Salvaged telephone cables for pulling out mines.....	50
Tracing tape.....	100 yds
Pegs for marking.....	100
Picks.....	400
Shovels.....	10
Wire cutters.....	10
Flat wire cutters.....	12
	12

2. Demolition equipment

Safety fuse.....	1000 yds
Detonators.....	3000
Matches fuze.....	3000
TRINITROLOLUENE cartridges.....	500

3. Transport

Trucks 15 cwt.....	5
" 2 ton.....	1
P.U. or equivalent.....	2
Motor Cycles.....	2
Bicycles.....	2
	12

for the day

APPENDIX "E"LIST OF DEPOTS1. Location

(A) Main Depot

ROME

(B) Sub-Depots

GENOVA (Zone Liguria)
 BOLOGNA (Zone Emilia)
 CESTINA (Zone Emilia)
 FIRENZE (Zone Toscana)
 FISA (Zone Toscana)
 PESCARA (Zone Lazio-Abruzzi)

The equade located in Lazio, Campania, Molise,
 draw direct from the main dump in Rome.

2. Establishment

Every depot will have

a Technical Section
 a Transport Section

3. Personnel required

(A) Main Depot

OC
 Second in Command
 Adjutant
 Military guard and Staff 3 NCOs and 12 ORs
 Civilian workers (labourers) 10

(B) Sub Depots

OC
 Military guards and staff 2 NCOs and 6 ORs
 Civilian workers (labourers) 5

375

NOTE: The main depot will be under the control of the
 (Engineering) Sub Depots will be

(B) Sub-Depots

- GENOVA (Zone Liguria)
- BOLOGNA (Zone Emilia)
- CRISTINA (Zone Emilia)
- FIRENZE (Zone Toscana)
- PISA (Zone Toscana)
- PERCASA (Zone Lazio-Abruzzi)

The squads located in Esio, Campeniz, Molise, drew direct from the main dump in Rome.

2. Establishment

Every depot will have

- a Technical Section
- a Transport Section

3. Personnel required

(A) Main Depot

- OC
- Second in Command
- Adjutant
- Military Guard and Staff 3 NCOs and 12 ORs
- Civilian workers (labourers) 10

(B) Sub Depots

- OC
- Military guards and staff 2 NCOs and 6 ORs
- Civilian workers (labourers) 5

375

NOTE: The main depot will be under the control of the Ministry of War (Engineering) Sub Depots will be under command of the Zones in which they are situated subject to orders of the Ministry of War.

Q. Why can't our existing military machinery deal with this? - JPT

6/16

APPENDIX "F"

LIST OF TENTAGE, COOKING EQUIPMENT, BLANKETS, ETC
REQUIRED FOR EACH 100 MEN - ESTIMATE

1. Camp Equipment

Marquees (messing).....	3
Tents.....	10
Store tents.....	1
Tents for guard.....	4
Blankets for Gen.....	130
Ground sheets if not in their possession.....	130
Palisades.....	130

2. Cooking Equipment

Portable Kitchen.....	2
-----------------------	---

NOTE: Dixies, plates, cups, knives, forks, spoons
will be required if not possession.

3. For Cage

Fickets (long).....	500
" (short).....	2000
Barbed wire.....	50 rolls
Plain wire.....	20 "
Dannert wire.....	30 "
Staples.....	100 gross

4. Medical Equipment

Normal first Aid Kit for one Company

5. Miscellaneous Equipment to be supplied by the Ministry of War

Hensaws.....	2
Hammers heavy.....	3
" Light.....	4

Tents.....	10
Store tents.....	1
Tents for guard.....	4
Blankets for ISW.....	130
Ground sheets if not in their possession.....	130
Pelismees.....	130

2. Cooking Equipment

Portable Kitchen.....	2
-----------------------	---

NOTE: Dixies, plates, cups, knives, forks, spoons will be required if not possession.

3. For Cage

Pickets (long).....	500
" (short).....	2000
Barbed wire.....	50 rolls
Plain wire.....	20 "
Dannert wire.....	50 "
Staples.....	100 gross

4. Medical Equipment

Normal first Aid Kit for one Company

5. Miscellaneous Equipment to be supplied by the Ministry of War

Handsaws.....	2
Hammers heavy.....	3
" Light.....	4
Nails etc. and generally all small equipment required for constructing and maintaining such camps.	

APPENDIX "G"

TRANSPORT EQUIPMENT ETC., REQUIRED FOR 1000 MEN BASED ON
THE FIGURES SHOWN IN PRECEDING APPENDICES1. Technical Equipment

Mine Detectors.....	750
Prodders.....	1800
Batteries (spare) large.....	1500
" (") small.....	1000
Valves (spare).....	4500
Cable for pulling out mines.....	500
Tracing tape.....	3000 yds
Pegs for marking.....	3000 "
Picks.....	300
Shovels.....	300
Wire cutters.....	360
Flat wire cutters.....	360

2. Demolition Equipment

Safety fuse.....	30000 yds
Detonators.....	90000
Matches fuze.....	90000
T nitrocoluene Cartridges.....	15000

3. Transport

Trucks 15 cwt.....	150
" 2 ton.....	60
P.U. or equivalent.....	60
Motorcycles.....	60
Bicycles.....	60

4. Camp Equipment

Marquees (messing).....	3000
Tents.....	3000
Store tents.....	30
Tents for guard.....	120
Blankets for PW.....	3000
	3000

Prodders.....	1800
Batteries (spare) large.....	1500
" " (") small.....	4500
Valves (spare).....	1500
Cable for pulling out mines.....	1000 yds
Tracing tape.....	3000 "
Pegs for marking.....	12000 "
Picks.....	300
Shovels.....	300
Wire cutters.....	160
Flat wire cutters.....	160

2. Demolition Equipment

Safety fuse.....	30000 yds
Detonators.....	30000
Matches fuze.....	30000
T initroluene Cartridges.....	15000

3. Transport

Trucks 15 cwt.....	150
" 2 ton.....	60
P.U. or equivalent.....	60
Motorcycles.....	60
Bicycles.....	60

4. Camp Equipment

Marquees (messing).....	3000
Tents.....	3000
Store tents.....	30
Tents for guard.....	120
Blankets for PAF.....	3000
Ground sheets if not in their possession.....	3000
Pallies.....	3000

5. Cooking Equipment

Portable Kitchen.....	60
-----------------------	----

NOTE: Dixies, plates, cups, knives, forks, spoons
will be required if not in possession.

Continuation Appendix "C"6. For Camp

Pickets (long).....	15000
" (short).....	50000
Barbed wire.....	1500 rolls
Plain wire.....	600 rolls
Dannert wire.....	1500 rolls
Staples.....	1000 gross

7. Medical Equipment

Normal First Aid Kit.....	30
---------------------------	----

8. Miscellaneous Equipment to be supplied by the Ministry of War

Handsaws.....	502
Hammers (heavy).....	30
" (light).....	120

Nails etc. and generally all small equipment required for constructing and maintaining such camps.

1 2 2 4

Declassified E.O. 12356 Section 3.3/NND No. 785020

371

GOC -

966 Italian soldiers are now on this duty. These could well be used as guards for the Germans, as they will have no function ^{as more personnel} when the Germans are assigned to this work. This will take care of the guards for the first 3000 Germans.

I have not considered the other aspects of the plan, as we will not operate it. It is ambitious and expensive in equipment and transport, and I doubt that the equipment and transport would be furnished from Allied sources. 3000 Germans can clear all the mines, but on the basis of this estimate one German can lift 525 mines in 540 days, or one mine per day (per 5(a)).

I don't know where the plan has gone.

Suggest no action required.

370

↑
10/2/44
AB 20/2/44 (K) 20/17

Att. K F 67a -
- b7i

SI

Mine Clearance

This gives AC (Great East SC) scheme
for using P.W. for mine clearance.
The use of Italian guards and supervisors
(military) is encouraged.

Great East
Mine Clearance
personnel

966

It would appear that in addition to
the present Mine Clearance Organisation
about 900 guards are required
yet AFHQ authority for this has not
been given.

Philip Carter
May

14 Jan.



LOCATION: BOME - OMT

Pistol

PISTOL

1 2 2 9

63

Subject:- Mine Clearance

Land Forces Sub Comm AC (MHA)
3E/4/3

9 Jul 45

56 BLU

Reference your BG of 24 Jun.

Representations made to the Ministry of War have elicited the information that the intended meaning of their letter was not that officers should be posted from the MANTOVA Gp for mine clearance duties, but to find out if suitable officers could be made available.

It is not intended to transfer officers from the Groups to Mine Clearance unless no others are available.

ROC

gsh

Maj Gen
Land Forces Sub Comm AC (MHA)

368

SIGNAL

FROM - LIAI
To - DISTWO rptd HQ AIRCRAFT SERVICE AG

07

B

PS 467

UNCLASSIFIED

REF YOUR REF 57 (.) 561 ITALIAN AIR CARRIER COMPANY

WILL BE TAKEN OVER BY AIRCRAFT SERVICE UNDER INSTRUCTIONS

FROM DATE OF ORDER OF AIRCRAFT SERVICE

Precedence

Authorized

Subject :- Mine Clearing in ITALY.

56 BLU
8 G

24 June 45

MEMIA.

Copy to :- HQ. Combat Group, MANTOVA.

Reference Ministry of War letter 320/130/1 dated 16 June 45, addressed to Combat Group MANTOVA.

1. The above quoted letter orders MANTOVA Group to provide the following officers to guard and supervise German PW engaged in mine clearing :-

4 Captains (Inf or Arty, suitable as Coy Comds.
Must have knowledge of mine clearing)

4 Subalterns.

2. The Group Comd has stated that he cannot find these officers without seriously interfering with the guard duties at present being carried out by the Group. He has expressed a hope that the necessary officers can be found from other sources. This view is strongly supported by 56 BLU.

3. May 56 BLU please be informed if it is possible for this order to be cancelled.

CMF
AWG/ec

Lt-Col.
GS.

RE
25/6

307

1 2 3 2

ITOF V MEAV NR 163 IMPORTANT QVR 1

FROM NCE DISTWO 281700B

TO (1) LAND FORCES SUB COMM ALLIED COMMSXXX COMMISSION

INFO (2) 10 CRE WKS

(3) 'G' DISTWO

(4) MMIALO DISTWO

QQX GR 15 BT

RE 557 RESTRICTED (.) 561 ITALIAN MINE CLEARING COY CAN NOW BE
RELEASED (.) PLEASE ISSUE DISPOSAL INSTRS

BT 281700B

SENT NR 163 P WRL 0040/29 BB K

RECD NR 163 AT 0040B WS BBBBBB

6474

MMI
9/29

RE

306

365

Receiving Unit responsible for collection of vehicles.
Ritiro dei Veicoli a cura del reparto ricevente.

Date
Data 6 22 1980 7:43

- 1st Copy to MMIA file ST/
1st Copy to MMIA file ST/
2nd Copy to MMIA file ST/
2nd Copy to MMIA file ST/
3rd Copy to Ufficio Servizi SMRE who will retain
3rd Copy to Ufficio Servizi SMRE who will retain
4th Copy to Ufficio Servizi SMRE who will pass it to receiving unit
4th Copy to Ufficio Servizi SMRE who will pass it to Reparto Ricevente
5th Copy { to Ufficio Servizi SMRE who will pass these three copies to EVP concerned. The Park will complete the
5th Copy { three copies, will retain one, will forward two to Ufficio Servizi SMRE who will pass one to MMIA HQ.
6th Copy { all'Ufficio Servizi SMRE che passerà queste tre copie al PVE interessato. Il PVE completerà le tre copie,
6th Copy { tratterrà una, rimanderà due all'Ufficio Servizi SMRE che passerà una al Comando MMIA.
7th Copy {
7th Copy {

Other copies as necessary to MMIA LOs interested. Altre copie come necessario all'Ufficio Collegamento MMIA eventualmente interessati.

DETINATO 54 Area- MIALO Florence- S.C. RT. N. 1. I. A. C.

HEADQUARTERS ALLIED COMMISSION
APO 394
LOCAL GOVERNMENT SUB COMMISSION

(42) 58

AC/35/IG

Ext: 358

25 May 45.

SUBJECT: Mine Clearance.

TO : Land Forces Sub Commission (MIA).

1. The present strength of the 564 Mine Clearance Company which is forming at Santa Maria Capua Vetere is 8 Officers and 152 Other Ranks. It is considered that the Company should now commence training at PESCARA at an early date. Please therefore arrange for the Company being moved from the Depot to PESCARA where this Sub Commission will take over.

2. The Company has not been issued with arms. While it is not necessary for the Company to be fully armed it is considered that a proportion of arms should be issued for guards, drill etc.

3. It is understood that transport has already been assigned to the Company and it is hoped that the Company can get delivery soon.

W. R. Cripps
R.R. CRIPPS
Colonel
Director
Local Government Sub Commission

Copy to: Ministry of War
Brig.Gen. P. SUPINO

304

Eng.
agree we will bid for movement
Pre-fig with A.
h204

AMMIA VEHICLE RELEASE ORDER
MMIA ORDINE PER ASSEGNAZIONE VEICOLI

MMIA VR Order No. IV/42
MMIA Ordine di Serie N.

5610 King Clearance Company

20
EVP
PVE
Tavola

4943 to 4944

inclusive, which will be entered with complessivamente, le quali saranno

park

If any of these Windshield Certificates are not used, it will be the responsibility of O.C. EVP to return them to SMRE. Se alcune di queste Etichette non saranno utilizzate, la responsabilità sarà dell'O.C. PVE restituire le Etichette esub-
attached to returned copies of this proforma.

Receiving Unit responsible for collection of vehicles.
Ritiro dei Veicoli a cura del reparto ricevente.

for ADST.
Land Forces Sub Comm A.C. (CANIA)

inclusive, which will be entered with
completeness, le quali saranno

ing EVP before the vehicles leave the toll a cura dell'Ufficiale Comandante

Park. prima che i veicoli escano dal Parco.

If any of these Windshield Certificates are not used, it will be the responsibility of O.C. EVP to return them to SMIRE. Se alcuna di queste Etichette non saranno utilizzate, la responsabilità sarà dell'O.C. PVE restituire le Etichette esub-

attached to returned copies of this proforma.

FOR RELEASE DA ASSEGNARE	TYPE	TIPO	RELEASED AS PER REVERSE (A) ASSEGNATI VEDE INVERSO (A)
2	Motorcycles	Motorcicl	
	Staff Cars	Autovetture	
	Loadcarriers	Autocarri	

Receiving Unit responsible for collection of vehicles.

Ritiro del Veicoli a cura del reparto ricevente:

Date
Data

Land Forces Sub Comm A.C. (MMILA).

1st Copy to MMIA file ST/ 1102
1st Copy to MMIA file ST/ 1102

2nd Copy to MNIA file ST/

2a Copia all'archivio MMIA ST/ 1301

33a Copia all'Ufficio Servizi SMRE che tratterà

4th Copy to Ufficio Servizi SMRE who will pass it to receiving unit

5th Copy } to Ufficio Servizi SMRE who will pass these three copies to EVP concerned. The Park will complete the three copies, will retain one, will forward two to Ufficio Servizi SMRE who will pass one to MMIA HQ.
6th Copy }
6a Copy } all'Ufficio Servizi SMRE che passerà queste tre copie al PVE interessato. Il PVE completerà le tre copie, tratterrà una, rimanderà due all'Ufficio Servizi SMRE che passerà una al Comando MMIA.
7th Copy }

Other copies as necessary to MMIA LOs interested.

Altre copie come necessario all'Ufficio Collegamento MMIA eventualmente interessati.

SEVENTH DIVISION

SEE OTHERS

SORTI **ENTRA**

0 00 00

MMIA VR Order No. **7737**
MMIA Ordine di Serie N.

Prof. William Davidson Davidson

EVP	 $\frac{1}{\sqrt{\pi}} \exp(-x^2)$
PVE	 $\frac{1}{\sqrt{\pi}} \exp(-x^2) x^2$

17
09

ed to vehicles by Officer Con-

Parad

s are not used, it will be the responsibility of O.C. EVP to return them to SMRE
anno utilizzato, la responsabilità sarà dell'U.O. PVE restituire le Etichette esube-

di questo modello rimandate.

FOR RELEASE DA ASSEGNARE	TYPE	TIPO	RELEASED AS PER REVERSE (C) ASSEGNATI VEDE INVERSO (A)
1	Motorcycles	Motocicli	
	Staff Cars	Autovetture	
2	Loadcarriers	Autocarri	

of vehicles.
ente.

Q. 103010-70-45.

ADST. 362
A.C. (MILA).

MMIA VEHICLE RELEASE ORDER
MMIA ORDINE PER ASSEGNAZIONE VEICOLI

MMIA VR Order No. E/46
MMIA Ordine di Serie N. E/46

ARMED AND DANGEROUS

10 FVP
FVE
POME

1032 To al

vehicle Registration Nos and date, and affixed to vehicles by Officer Commanding FVP before the vehicles leave the iscite con i relativi Numeri di Targa e con la data, e saranno attaccate ai veicoli a cura dell'Ufficiale Comandante

PVE, prima che i veicoli escano dal Parco.

ranti al SMRE allegandole alle copie di questo modello rimandate.

Receiving Unit responsible for collection of vehicles.
Ritiro dei Veicoli a cura del reparto ricevente.

Land-Portes Sub Comm A.C. (MMIA). 361

1st Copy to MMIA file ST/
1a Copia all'archivio MMIA ST/
2nd Copy to MMIA file ST/

MMIA VEHICLE RELEASE ORDER
MMIA ORDINE PER ASSEGNAZIONE VEICOLI

MMIA VR Order No.
MMIA Ordine di Serie N.

of the following vehicles from the net availability of
dei seguenti veicoli sulla disponibilità del

51

vehicle Registration Nos and date, and af

Vehicle Registration Nos and date, and affixed to vehicles by Officer Commanding EYP before the vehicles leave the
 Iscritte con i relativi Numeri di Targa e con la data, e saranno attaccate ai veicoli a cura dell'Ufficiale Comandante
Park.

PVE, prima che i veicoli escano dal Parco.

If any of these Windshield Certificates are not used, it will be the responsibility of O.C. FVP to return them to SMRE.
Se alcune di queste Etichette non saranno utilizzate, la responsabilità sarà dell'O.C. FVP restituire le Etichette esub-
attached to returned copies of this proforma.

ranzi al SMRE allegandole alle copie di questo modello rimandate.

[illegible]

Receiving Unit responsible for collection of vehicles.
Ritiro dei Veicoli a cura del reparto ricevente.

Date _____
Data _____

Land Forces Sub Comm A.C. (WMTA) ADST.

1st Copy to MMIA file ST/
1a Copia all'archivio MMIA ST/
2nd Copy to MMIA file ST/
2a Copia all'archivio MMIA ST/

inclusive, which will be entered with complessivamente, le quali saranno

inclusive, which will be entered with complessivamente, le quali saranno

inclusive, which will be entered with complessivamente, le quali saranno

inclusive, which will be entered with complessivamente, le quali saranno

inclusive, which will be entered with complessivamente, le quali saranno

25

ADST.
EMIA).

Date _____
Data _____

- 1st Copy to MMIA file ST/
1^a Copia all'archivio MMIA ST/
2nd Copy to MMIA file ST//
2^a Copia all'archivio MMIA ST/
3rd Copy to Ufficio Servizi SMRE who will retain
3^a Copia all'Ufficio Servizi SMRE che trattierra
4th Copy to Ufficio Servizi SMRE who will pass it to receiving unit
4^a Copia all'Ufficio Servizi SMRE che passerà al Reparto Ricevente
5th Copy { to Ufficio Servizi SMRE who will pass these three copies to EVP concerned. The Park will complete the
5^a Copia { three copies, will retain one, will forward two to Ufficio Servizi SMRE who will pass one to MMIA HQ.
6th Copy { all'Ufficio Servizi SMRE che passerà queste tre copie al PVE interessato. Il PVE completerà le tre copie,
6^a Copia { trattierra una, rimanderà due all'Ufficio Servizi SMRE che passerà una al Comando MMIA.
7th Copy {
7^a Copia {

for. 1111

MMIA VEHICLE RELEASE ORDER
MMIA ORDINE PER ASSEGNAZIONE VEICOLI

MMIA VR Order No.
MMIA Ordine di Serie N.

21

EVP
EVE

公司

PVE, prima che i veicoli escano dal Parco.

If any of these Windshield Certificates are not used, it will be the responsibility of O.C. EYP to return them to SMRE.
Se alcune di queste Etichette non saranno utilizzate, la responsabilità sarà dell'O.C. PVE restituire le Etichette esbute-
attached to returned copies of this proforma.
raniti al SMRE allegandole alle copie di questo modello rimandate.

673

Chae

ADST.
Land Forces Sub Comm. A.C. (MMIA).

16 Maggio 1945

2nd Copy to MMIA file ST/
2a Copia all'archivio MMIA ST/

1 2 4 7

MMIA VR Order No. B/22
MMIA Ordine di Serie N.

584 Pine Clearance Coy.

HPV
PVP

to
D.I.T.

inclusive, which will be entered with
commissivamente, lo quali saranno

of the

vehicle Registration Nos and date, and affixed to vehicles by Officer Commanding EYP before the vehicles leave the

Park

PVE. prima che i veicoli escano dal Parco.

If any of these Windshield Certificates are not used, it will be the responsibility of O.C. EVP to return them to SMRE. Se alcune di queste Etichette non saranno utilizzate, la responsabilità sarà dell'U.C. PVE restituire le Etichette esbute attached to returned copies of this proforma.

attached to returned copies of this proforma.

attached to returned copies of this program.
ranti al SMRE allegandole alle copie di questo modello rimandate.

FOR RELEASE DA ASSEGNARE	TYPE	TIPO	RELEASED AS PER REVERSE ④ ASSEGNATI VEDE INVERSO ③
1	Motorcycles	Motoricli	
	Staff Cars	Autovetture	
	Loadcarriers	Autocarri	

Receiving Unit responsible for collection of vehicles.
Ritiro dei Velcoli a cura del reparto ricevente.

ADST.
Land Forces Sub Comm. A.C. (MMILA).

16 maggio 1945

1st Copy to MMIA file ST/
1st Copy all'archivio MMIA ST

EVP
PVE

PVE, prima che i veicoli escano dai Paesi.
If any of these Windshield Certificates are not used, it will be the responsibility of O.C. EVP to return them to SMRE.
Se alcuna di queste Etichette non saranno utilizzate, la responsabilità sarà dell'O.C. PVE restituire le Etichette esbute-
attached to returned copies of this proforma.
con accompagnando alle copie di questo modello rimandate.

attached to returned copies of this proforma.

RELEASED AS PER REVERSE (C)
ASSEGNATI VEDE INVERSO (A)

8
7
6

ADST.

16 July 1945

- when service is necessary to NYNJA LOs interested.

Other copies as necessary to MNIA LOs interested.
 Altro copia come necessario all'Ufficio Collegamento MNIA eventualmente Interessati.

80 R.E. HODIN

2nd Copy to MMIA file ST/ 1101

ADST.
and Foreign Sub Comm. Act
(FMIA).

EVP
PVE

From

clusive, which will be entered with
compiessivamente, le quali saranno

Park. prima che i veicoli escano dal Parco.

If any of these Windshield Certificates are not used, it will be the responsibility of O.C. EVP to return them to SMRE. Se alcune di queste Etichette non saranno utilizzate, la responsabilità sarà dell'O.C. PVE restituire le Etichette esub-
attached to returned copies of this proforma.

attached to returned copies of this proforma.

RELEASED AS PER REVERSE (A)
ASSEGNATI VEDE INVERSO (A)

257

Date _____
Data _____

16 marzo 1945

2nd Copy to MMIA file ST/ 1101
2nd Copy to all archiving MMIA ST/

2nd Copy to MMIA file ST/ 1101
2nd Copy to all archiving MMIA ST/

3rd Copy to Ufficio Servizi SMRE who will retain

3rd Copy to Ufficio Servizi SMRE che tratterà

4th Copy to Ufficio Servizi SMRE who will pass it to receiving unit

4th Copy to Ufficio Servizi SMRE who will pass it to the following:

- to Conis, all'Ufficio Servizi SMRE che passerà al Reparto Ricevente

5th Copy

5. Cópia

6th Copy

6th Copy
5th Copy

144 cups
74 Copic

Circle 10 on Reader Service Card

Other copies as necessary to MMA LOs interested.
 13. **Other copies as necessary to MMA LOs interested.**
 14. **Other copies as necessary to MMA LOs interested.**

2000

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RESTRICTED

HEADQUARTERS
MEDITERRANEAN THEATER OF OPERATIONS
UNITED STATES ARMY
APO 512

JO/als 50
LAND FORCES 5/c(2)

In reply
refer to

AG 309.6/112 A-0

SD/4/3
17/5
15 May 1945

SUBJECT: Mine Clearance by Italian Service Unit Personnel (US)

TO : Commanding General
Particular Base Section
APO 752

WP

1. There is no objection to employment of Italian Service Unit personnel for mine clearance provided such personnel:

- a. volunteer for such work.
- b. have received instruction in mine clearing operations.
- c. work under proper supervision.

2. Extra pay in the form of bonus will not be given for mine clearance unless paid by the Italian government on a scale to be determined.

3. This letter constitutes authority to utilize US Italian Service Unit personnel for mine clearance on Italian soil only.

BY ORDER OF GENERAL HURST:

R. T. PRINE
Major, AGP
Asst Adjutant General

Copy to - PATRIOTS BR.

Copy furnished
to
AGP (3)
RHO
G-1 (1)
G-4

MR:	
FILE:	SD/4/3
DATE:	17/5

171615

RESTRICTED

156
GSO 1 (1)
GSO 2 (1)
GSO 2 (1)
GSO 3 (1)
GSO 3 (1)
GSO 3 (1)
GSO 3 (1)

Allied Commission, APO 394

SUBJECT: Mine Clearance

LAND FORCES SUB-COM, A.C. (MMIA)

SD/4/3

17 May 45

TO : HQ A.C. (for Local Gov't Sub Com)

Ref your AC/53/LG of 10 May.

1. Please see my A.019 of 17 May.
2. (a) There are no special mine clearing companies in the Italian Army except those already allotted to you.

(b) There are two Fd Coys (Engineers) in each of the five Combat Gps, which are under cmd of Armies or AFHQ direct. AFHQ would have to consult Armies whether those under their cmd could be released or not.
3. I suggest that you approach AFHQ in the matter, as I do not know how these coys are at present employed or whether they can be spared.

[Signature]
Major General
MMIA

Internal: A

WS

Drafted by G.O.C.

355

HEADQUARTERS ALLIED COMMISSION
APO 394
LOCAL GOVERNMENT SUB COMMISSION

AC/53/LG.

SUBJECT : Mine Clearance.

TO : Army Sub Commission (MMA).

RE.
Tel. : 286

10 May 1945

In view of the cessation of hostilities in Europe it is considered that the clearance of mines in Italy should now be given priority. At present four Companies of Italian Engineers are engaged on this work. These companies have been formed within the ceiling of Italian personnel allotted to Allied Commission. As the A.C. ceiling is not being increased to include additional companies for mine clearance will consideration be given to the release of eight Companies of the Italian Army for immediate employment in this work. The companies would be administered by the Ministry of War under instructions to be issued by this Commission. May your views be forwarded ?

R. R. Cripps
R. R. CRIPPS,
Colonel,
Director,
Local Government Sub Commission.

JSR / cm.

48
29
354

4070

MESSAGE FORM

From - MMIA
To - HQ 54 AREA

I6

B

SD459

CONFIDENTIAL

FOR MMIA LO (.) YOUR ST/283 OF 12 APR (.)

CENTRO BCM CAMPOBASSO HELD AGAINST NO 9 DET TYPE D
ON WR 513/SMRE/I 4 OFFERS 2 CDS CAT 5 (A) NINE

CLEARANCE ITI-ITI

Precedence

Authenticated

XX/14

Subject :- Block Issue of Windshield Labels.
Oggetto :- Distribuzione in blocco Etichette per Parabrezza.

ST/1005

9 April 45

LAND FORCES SUP COMMA.3. (MIL)
ROME
Tel: Rome 439084 Ext 526

To :- S.M.A.E., Ufficio Servizi.

Copies:- Archivio: ST/1301
per conoscenza:-

S.O.R.E. M.M.I.A.

561 Mine Clearance Company

1. Attached are Windshield Labels serial Nos 993 to 994
Sono allegate etichette Parabrezza Numeri di Serie.....

for transmission to 561 Mine Clearance Company.
che devono essere trasmesso al.....

2. The number of Labels now issued for this unit has been determined with reference to the total of the Etichette adesso distribuite per questo Reparto e' stato determinato :-
ce to :-
minato in base :-

(a) the vehicles in present possession of the unit on latest information known dei veicoli attualmente in possesso del Reparto secondo le informazioni le
to this HQ.
piu' recenti arrivate al Comando M.M.A.

(b) vehicles (if any) in possession of the unit already provided with dei veicoli eventualmente in possesso del Reparto e gia' forniti con

Windshield Labels.
Etichette.

(c) the WE/VO (Organico) as formally approved by M.M.A. HQ of vehicles which dell'Organico gia' formalmente autorizzato dal Comando M.M.A. dei veicoli

this unit is entitled to hold i.e.:
che questo Reparto ha diritto di tenere e cioè:

Motorcycles (including Combination Vehicles) No 2
Motocicli (compresi Motocarrozette, Motofurgoncini etc)

Staff Cars (incl. Utilities)
Autovetture (compresi Autocompincini, Autofurgoncini etc)

Lead Carriers (incl. Autobuses, Trailers, Tractors etc.) No 5
Autocarri (compresi Autobus, Trattori, Rimorchi etc.)

212

S.O.R.E. M.M.I.A.

561 Mine Clearance Company

Attached are Windshield Labels Serial Nos 993 to 994
Sono allegate Etichette Parabrezza Numeri di Serie 993 al 994

For transmission to
che devono essere trasmesse al 561 Mine Clearance Company

2. The number of Labels now issued for this unit has been determined with reference to the total of the Etichette adesso distribuite per questo Reparto e' stato determinato a:-
minuto in base :-

(a) the vehicles in present possession of this unit on latest information known dei veicoli attualmente in possesso del Reparto secondo le informazioni le to this HQ.
piu' recenti pervenute al Comando M.M.I.

(b) vehicles (if any) in possession of the unit already provided with dei veicoli eventualmente in possesso del Reparto e gia forniti con Windshield Labels.
Etichette.

(c) the WE/TO (Organico) as formally approved by M.M.I.A. of vehicles which dell'Organico gia formalmente autorizzato dal Comando M.M.I. dei veicoli this unit is entitled to hold i.e.:
che questo Reparto ha diritto di tenere e cioè:

- Motorcycles (including Combination Vehicles) No 2
Motocicli (compresi Motocarrozette, Motofurgoncini etc)
- Staff Cars (incl. Utilities)
Autovetture (compresi Autocamioncini, Autofurgoncini etc)
- Load Carriers (incl. Autobuses, Trailers, Tractors etc.) No 5
Autocarri (compresi Autobus, Tattori, Rimorchi etc.)
- Ambulances.
Ambulanco.

3. Please instruct the unit to arrange for these Labels to be affixed to vehicles Pregasi dare disposizioni al Reparto di attaccare queste Etichette ai veicoli and to furnish immediately to you in duplicate a list of individual Vehicle o da fornire immediatamente all'Ufficio Servizi SMM un elenco (in duplice copia) Targa Nos corresponding to individual serial numbers of Windshield Labels attached del numero di Targa dei veicoli corrispondente a ciascuno numero di Serie di Etichette.

1257

One copy of this list will be passed by you to the
The copia di quest'elenco deve essere trasmessa all'Ufficio Servizio SIME al
Comando NIA.

4. Any Labels not able to be immediately used (due to number of labels provided Etichette eventuali che non possono essere attaccate subito (in seguito del exceeding vehicles on hand at the date the labels reach the unit) will be returned fatto che il totale delle Etichette fornito e più' che la dotazione attuale ned by the unit to you forthwith, and will not be retained by the unit. Please veicoli) Saranno rimandate dal Reparto all'Ufficio Servizio SIME immediatamente, return such Labels to SIME. Pregasi che l'Ufficio Servizio SIME ritorni in una volta queste Etichette al Co- mando NIA.
 5. Any vehicles at present held by the unit excess to Organello (per which it will Se il Reparto si trova in possesso di veicoli superflui in rispetto all'Orga- be discovered Labels are not provided herewith) will be turned in by the unit nico del Reparto (si notano che per tali veicoli non sono fornite adosso Labels concerned immediately to the Repair Unit to which they are affiliated. ne Etichette), questi veicoli devono essere immediatamente consegnati al Reparto Riparazioni al quale e' affiliato il Reparto d'impiego oggetto di questa lettera.
 6. Should the unit concerned be in possession of any vehicles authorized by ME and Se il Reparto si trova eventualmente in possesso di veicoli HCN esuberanti not already possessing Labels, and for which number of Labels now sent is insuf- in rispetto all'Organico del Reparto e non precedentemente forniti con Etichette, ficient, a list in duplicate of Targa Nos of all such vehicles still requiring e per i quali veicoli non basta il totale delle Etichette adosso fornite, il Labels should be reported to you forthwith. Reparto deve trasmettere un elenco (in duplice copia) dei numeri di Targa di tali veicoli all'Ufficio Servizio SIME subito.
- One copy of this list will be passed by you to NIA HQ.
Una copia di quest'elenco deve essere trasmessa all'Ufficio Servizio SIME al
Comando NIA.
- 351
7. In future when a vehicle bearing a Windshield Label goes inefficient, the unit In futuro quando un veicolo regolarmente fornito con Etichetta diventa ineffi- concerned will hand in the vehicle with Label intact to Repair Unit to which ciente, il Reparto d'impiego verserà il veicolo con Etichetta intatta al Co- affiliated. (Windshield Label will be destroyed and destruction certified and parto Riparazioni. (Le Etichette di tali veicoli devono distrutte a cura del reported by Repair Unit in accordance with instructions which have been issued Reparto Riparazioni in conformità con istruzioni già girate separatamente.) The unit will obtain receipt in triplicate for the vehicle even

5.

continued the Republican Party's domination of the state legislature, and the state's economic growth was rapid. The state's population grew from 100,000 in 1800 to 1,000,000 in 1850. The state's economy was based on agriculture, and the state's political system was dominated by the planter class. The state's political system was based on the principle of white supremacy, and the state's political system was based on the principle of white supremacy.

not already possessing Labels, and for which number of Labels now sent is insufficient, a list in duplicate of Targa Nos of all such vehicles still requiring the same for i quali veicoli non basta il Totale delle Etichette stesso fornito, il Labels should be reported to non Contributi.

One copy of this list will be passed by you to SVTA HQ.

५३३

17

supported by a peace unit in accordance with instructions which have been issued.
'perpetro piprazioni in confonlita' con istruzione via diretta

repairs Unit and will forward through normal channels a demand on Ufficio Servizi in triplicate copia per il v.ice lo vorato, e l'ispettore per via normale al-

La richiesta del consiglio della sicurezza per il veicolo vernato.

will pass demand and one copy of receipt to Bill Ho. Eventual issue of a "transattore" richiesta per sostituzione e una copia della ricevuta al Com-

- 3 -

Replacement vehicle will take place under the procedure detailed in this HQ
memo MIA. Assegnazione eventuale di un veicolo in sostituzione sarà fat-

letter 2/5 of 17 Mar 45.

in per ordine al uno dei Para Veicoli Efficienti in maniera prescritta in let-
tera di questo Comando 2/5 del 17 Marzo 45.

[Signature]
(O.C. PAPINEAU)
Major RASC
for Lt Col

OCP/ug

ADST, Land Forces Sub Comm A.C. (MIA)

350

XX/13

Subject :- Block Issue of Windshield Labels.
 Oggetto :- Distribuzione in Blocco Etichette per Parabrezza.

ST/1005

9 April 45

LAND FORCES SUPPLY A.C. (MILIA)

ROME

Tel: Rome 439081 Int 526

To :- S.M.M.E., Ufficio Servizio.

Copies:-
per conoscenza:-

Archivio: ST/1301
 S.O.R.E. M.M.I.A.
 562 Mine Clearance Company

1. Attached are Windshield Labels serial Nos
 Sono allegati -etichette Parabrezza Numeri di Serie.....

988

to

for transmission to

562 Mine Clearance Company

who devono essere trasmesso al

2. The number of Labels now issued for this unit has been determined with reference
 Il totale delle Etichette adesso distribuite per questo Reparto e' stato deter-

ce to :-
 minato in base :-

(a) the vehicles in present possession of the unit on latest information known
 Ii veicoli attualmente in possesso del Reparto secondo le informazioni le

to this HQ.
 piu' recenti arrivate al Comando MILIA.

(b) vehicles (if any) in possession of the unit already provided with
 dei veicoli eventualmente in possesso del Reparto e gia forniti con

Windshield Labels.
 Etichette.

(c) the WE/TO (Organico) as formally approved by MILIA HQ of vehicles which
 dell'Organico gia formalmente autorizzato dal Comando MILIA dei veicoli

this unit is entitled to hold i.e.:
 che questo Reparto ha diritto di tenere e cioè:

Motorcycles (including Combination Vehicles)
 Motocicli (compresi Motocarrozzette, Motofurgoncini etc)

Staff Cars (incl. Utilities)
 Autovetture (compresi Autocamioncini, Autofurgoncini etc)

Load Carriers (incl. Autobuses, Trailers, Tractors etc.)
 Autocarri (compresi Autobus, Trattori, Rimorchi etc.)

N° 2

N° 5

349

1260

1261

**S.O.R.T. M.M.I.A.
562 Mine Clearance Company**

991 11/13

Attached are Windshield Labels serial Nos
Sono allegata etichette Tarabronze Numeri di Serie..... 998 to 999

for transmission to
che devono essere trasmesso al 562 Mine Clearance Company

.....
.....

2. The number of Labels now in use for this unit has been determined with reference to the total of the Etichette adesso distribuite per questo Reparto e' stato determinato

ce to :-
minato in base :-

(a) the vehicles in present possession of the unit on latest information known dei veicoli attualmente in possesso del Reparto secondo le informazioni le

to this HQ.
piu' recenti arrivato al Comando M.M.I.A.

(b) vehicles (if any) in possession of the unit already provided with dei veicoli eventualmente in possesso del Reparto e gia forniti con

Windshield Labels.
Etichette.

(c) the WE/VO (Organico) as formally approved by M.M.I.A. HQ of vehicles which dell'Organico (e' formalmente autorizzato dal Comando M.M.I.A. dei veicoli

this unit is entitled to hold i.e.:
che questo Reparto ha diritto di tenere e cioè':

Motocycles (including Combination Vehicles)
Motocicli (compresi Motocarrozette, Motofurgoncini etc)

N° 2

Staff Cars (incl. Utilities)
Autovetture (compresi Autocamioncini, Autofurgoncini etc)

Load Carriers (incl. Autobuses, Trailers, Tractors etc.)
Autocarri (compresi Autobus, Trattori, Rimorchi etc.)

N° 5

Ambulances.
Ambulante.

3. Please instruct the unit to arrange for these Labels to be affixed to vehicles Pregasi dare disposizioni al Reparto da attaccare queste Etichette ai veicoli and to furnish immediately to you in duplicate a list of individual Vehicle and da fornire immediatamente all'Ufficio Servizi SARE un elenco (in duplice copia) Targa Nos corresponding to individual serial numbers of Windshield Labels affixed. del numero di Targa del veicolo corrispondente a ciascuno Numero di Serie di Etichetta.

249

Abstract. We study the asymptotic behavior of the eigenvalues of the Laplacian on a family of Riemann surfaces. The surfaces are defined by a family of holomorphic functions. The eigenvalues are shown to converge to the eigenvalues of the Laplacian on the limit surface. The convergence is uniform on compact subsets of the spectrum.

Una copia di quest'elenco deve essere trasmessa all'Ufficio Servizi Sociali al Comune di LIA.

Composite II.

When labels not able to be immediately used (due to number of labels provided) Etichette eventuali che non possono essere attaccate subito (in seguito del exceeding vehicles on duty at the date the labels reach the limit) will be returned to the total delle Etichette fornite o più' che la dotazione attuale

needed by the unit to you furnished, and will not be retained by the unit. Please
 (Sergeant) Saranto reminder to Del Negro to all "Radio Service" is outstanding.

rejection of the labels to which they

Esquadrão que 1º Príncipe Suruí SRS pluma in sua volta questo Zichetto al Co-
mendo 1911.

5. Any vehicles at present held by the unit known to Criminal (for which it will be reported) or by the unit known to the Police (for which it will be reported) are to be reported to the Police.

be discovered Labels are NOT provided herewith) will be turned in by the unit
 :sico del Reparto (si notare che per tali valicelle NON sono fornite etichette allo-

concerned immediately to the Remaira Unit to which they are assigned.

concerned immediately to the Romana Unit to which they are affiliated.

ne Etichette), questi veicoli devono essere **IMBOLLITI** e **TRACCI** variati al Reparto
Anagrafici al quale e' esibito il Reparto d'interno oggetto di questa lettera

6. Should the unit concerned be in possession of any vehicles authorized by WEI and Se il Reparto si trova eventualmente in possesso di veicoli NON autorizzati.

not already possessing labels, and for which number of labels now sent is insufficient to all'Organico del Rapporto e non precedentemente fornito con l'Idetta,

sufficient, a list in duplicate of Targa Nos of all such vehicles still remaining
6 per 1 milli veicoli non basta al Totale delle Effigietto adesso totale, il

Labels should be reported as you find with.

Reparto deve trasmettere un elenco (in duplice copia) dei Municipi di Targa di
tali Municipi all'Ufficio Servizi SMI subito.

One error of this List will be passed by you to Mr. T. H.

Ma come! Il quest'elenco deve essere trascritto nell'elenco Sorvini SMIL al
Comando SMIL.

7. In future when a vehicle bearing a Windshield Label becomes inoperative, the unit in future when a vehicle regularly furnished with a label becomes inoperative.

concerned will hand in the vehicle with label intact to Housing Unit to which concerned will hand in the vehicle with label intact to Housing Unit to which

affiliated. (Windshield label will be destroyed and destruction certified and reported to the Department of Motor Vehicles.)

reported by Repairs Unit in accordance with instructions which have been issued.
 'Rapporto Riparazioni in conformità' con istruzioni via airtel.

essure to y .) The unit will obtain receipt in tripling for the vector $z = x \oplus y$.

1 2 6 3

Provasi che l'Ufficio Servizi Sociali manda in giro questo Etichetto al Co-
munio Italia.

Any vehicles at present held by the unit except to Operative (for which it will be discovered labels are NOT provided herewith) will be turned in by the unit unico del Reparto (if notore) che per tale veicolo NON sono fornite etichette concerned immediately to the Reparto Unit to which they are affiliated.

Should the unit concerned be in possession of any vehicles authorized by the FBI or possessed by the FBI and reported as stolen? If so, please list the vehicle(s) and the location(s) where the vehicle(s) were found. If the vehicle(s) were found in the possession of the unit concerned, please indicate the name of the person(s) who found the vehicle(s) and the location(s) where the vehicle(s) were found. If the vehicle(s) were found in the possession of a third party, please indicate the name of the third party and the location(s) where the vehicle(s) were found. If the vehicle(s) were found in the possession of a third party, please indicate the name of the third party and the location(s) where the vehicle(s) were found.

not already possessing labels, and for which number of Labels now sent is insufficient, a list in duplicate of Tags Nos of all such vehicles still requiring same per i quali veicoli non basta il Totale delle Etichette adesso fornite, di cui una copia deve essere trasmessa al Reparto dove trasmettere un elenco (in duplice copia) dei Numeri di Tag No di tutti i veicoli che necessitano di etichette, e l'altro duplicato deve essere conservato nell'Ufficio Servizi SMI.

Labels should be reported to you forthwith.
Reparto dove trasmettere un elenco (in duplice copia) dei Numeri di Tag No di tutti i veicoli che necessitano di etichette, e l'altro duplicato deve essere conservato nell'Ufficio Servizi SMI.

One copy of this list will be passed by you to CIA HQ.
The copie di quest'elenco deve essere trasmesso dall'Ufficio Servizi Segreti al
Comando CIA.

In future when a vehicle bearing a Windshield Label goes inefficient, the unit In futuro quando un veicolo regolarmente fornito con Etichetta diventa inefficiente, il Reparto d'Impiego verserà il veicolo con Etichetta intatta al Repair Unit and will forward through normal channels demand on Ufficio Servizio Riparazioni. (Se Etichetta di tali veicoli saranno distrutte a cura del Reparto Riparazioni.) The unit will obtain receipt in triplicate for the vehicle separately. Il Reparto d'Impiego provvederà dal Reparto Riparazioni una ricevuta separatamente. The unit will obtain receipt in triplicate for the vehicle separately. L'Ufficio Servizio Riparazioni consegnerà due copie del receipt for evanescere l'Etichetta SMCZ una richiesta per un veicolo in sostituzione allegando vehicle.

SWED will pass demand and one copy of receipt to RFL, Inc. Eventual issue of a SWED transmittal will request per substitution e una copia della ricevuta al Co-

- 3 -

replacement vehicle will take place under the procedure detailed in this HQ
Memo MMIA. Assegnazione eventuale di un veicolo in sostituzione sarà fat-

letter 2/5 of 17 Mar 45.

ta per ordine al uno dei Para Veicoli Efficienti in maniera prescritta in let-
tera di questo Comando 2/5 del 17 Marzo 45.

Adm
(O.C. PATTINER)
Major RASC
for Lt Col

OCP/ag

ADST, Land Forces Sub-Comm A.C. (MMIA)

347

TRANSLATIONFROM : S.M.R.ETO : M.M.I.A.

REF: 12165

DATE: 6/4/45

SUBJECT: 564th Mine Clearing CoyIn answer to letter 30/4/3 dated 31st March

His S.M. has issued instructions for the formation of the 564 Mine Clearing Coy

- a) locality where it will be formed: S. Maria Capua
 b) Authority in charge of the formation:
 NAPLES Military Governorial H.Q.
 c) date at which the unit is expected to be ready: 20 April

Copy sent


Signed: GIORGIO LIOZZI

Noted

 Make a card for this unit
 See p. 41

SEGRETO

STAT. MAGGIORE REGIO ESERCIT.
UFFICIO ORDINAMENTO E MOBILITAZIONE
- Sezione Ordinamento -

n° 12165 /Ord./I/di prot. P.M.3800,116/4/45

OGGETTO: 564^ cp. rastrellamento mine.

ALLA LAND FORCES SUB COMMISSION A.C.(MMIA)

SD

R O M A

~~~~~

6/4.

Risposta foglio SD/43 del 31 marzo.

Questo S.M. ha provveduto ad impartire  
le disposizioni per la costituzione della  
564^ cp. rastrellamento mine:

- a) località di approntamento: S.Maria Capua  
Vetere (presso dep.10° rgt.genio);
- b) autorità incaricata della costituzione:  
- com.mil. territoriale di Napoli;
- c) data presunta in cui il reparto potrà es  
sere pronto: 20 aprile.

IL GENERALE ADDETTO  
(Giorgio Liuzzi)

Gliobli

345

File *pac*

APPENDIX A to MIA letter  
5 of 17 March 45

MIA Vehicle Release Order  
MIA Online for Assignment Vehicle

To: Ufficio Servizi  
Ad: ..... S.M.E.

MIA Order No  
MIA Order No di Serie

N/10

Please issue necessary instructions for the release to  
Fregani dare i disposizioni occorrenti per l'assegnazione al  
563 Mine Clearance Company

of the following vehicles from the next availability of 2 EYP Naples  
di seguenti veicoli sulla disponibilità del .....PVE.....  
Attached are Windshield Certificates Nos 1203 to 1204 inclusive, which  
Sono state alligate Etichette di .....el..... complessivamente, le quale

will be entered with vehicle registration Nos and date, and affixed to  
saranno iscritte con i relativi numeri di Targa e con la data, e saranno attaccate ai  
veicoli by Officer Commanding NP before the vehicles leave the Park,  
veicoli a cura dell'Ufficiale Comandante NP, prima che i veicoli escono del Parco,  
If any of these Windshield Certificates are not used, it will be the responsibility of  
Se alcuno di questo Etichette non saranno utilizzate, sarà la responsabilità del

C.C. EYP to return them to S.M.E. attached to returned copies of this  
U.C. EYP restituire le Etichette euberrate al S.M.E. allegando le allo copie di questo  
proforma  
modello rimandate.

| For Release<br>Da Assegnare | Type         | Desc        | Released as per Reverse @<br>Assegnati vede inverso @ |
|-----------------------------|--------------|-------------|-------------------------------------------------------|
|                             | Motorcycles  | Motorcicli  |                                                       |
|                             | Staff Cars   | Autovetture |                                                       |
| 2                           | Loadcarriers | Autocarri   |                                                       |
|                             |              |             |                                                       |
|                             |              |             |                                                       |
|                             |              |             |                                                       |
|                             |              |             |                                                       |

Receiving Unit responsible for collection of vehicles.  
Ricevente dei veicoli a cura del reparto ricevente.  
O.C. P.A. Major

Date: 2 aprile 45  
Data: 2 aprile 45  
Land Forces Sub Comm A.C. (MIA);  
For ADST:

- 1st Copy to MIA File ST/1301
- 1st Copy to MIA File ST/1301
- 2nd Copy to MIA File ST/1102
- 2nd Copy to MIA File ST/1102
- 3rd Copy to Ufficio Servizi S.M.E. who will retain
- 3rd Copy to Ufficio Servizi S.M.E. chi trattiene
- 4th Copy to Ufficio Servizi S.M.E. who will pass it to receiving unit
- 4th Copy to Ufficio Servizi S.M.E. chi passera al Reparto Ricevente

54 Area

DADT 3/3

5/14/3

Please see the attached letters: would be  
grateful if you could assist these companies  
with 1st.

2 Mar 45

RBB/plester  
raySORE

Just as soon as the reports  
are received, we will make  
up. Fair dos?

D 3/3

1 Mine Clearance

343

*102*

CONFIDENTIAL *41*

SUBJECT: Form of Mine Clearance  
Companies (ITI-ITI)

LAND FORCES SUB-COM. A.C.  
(M.E.I.A.)  
File No. 80/4/3  
31 March 45

TO : MINISTRY OF WAR

1. Please issue the necessary instructions for the formation of the fourth Mine Clearance Company, to be designated No. 964, and carried in Cat. 2(A).
2. Formation of this unit will commence at once and its training should be arranged to start as soon as possible.
3. Please state:
  - (a) Location for formation.
  - (b) Italian supervising authority.
  - (c) Estimated date when the unit will be complete and ready.

*B*  
Major General  
M. E. I. A.

Copy to: Col (Br) A.C. (Your 601/1 of 27 March refers)  
Civil Affairs Section, A.C. (Your 9/84/CA of 28 March refers)

Interim: A  
Q  
Q(AE)

WE

342

Tel. Ext. 412

## MEMORANDUM

27 March 1945

REFERENCE : G-1B/601/I

SUBJECT : Mine Clearance Coys.

TO : Director, Land Forces Sub-Commission (MMIA)

Reference your letters SD/9.4/1 19 Mar 45 and 5 Feb 45.

1. May instructions now please be given to the Italian Ministry of War for the formation of 564 Mine Clearance Coy.

2. A communication has been received from Civil Affairs Section to the effect that the question of future requirements for mine clearance in Italy has been the subject of further investigation and meetings with the Italian Ministry of War. In view of the many thousands of mines to be cleared, it is considered that 4 Companies will be insufficient to meet the task, and it has been decided that 12 Companies, formed into 3 Bns. of 4 Coys each, are necessary. The establishment for these Coys will be 8 Offrs and 201 ORs each as in W.E. No. 503/SMRE/1. No establishment has yet been drawn up for a Bn. HQ., but this will be submitted later for approval.

3. As the above proposals are dependent on the ceiling of 3000 being increased, the matter will be taken up with you again when this has been done. In the meantime anything that can be done to hasten the formation of 564 Mine Clearance Coy would be very much appreciated.

FOR VICE PRESIDENT, ESTABLISHMENTS SECTION

MMIA - 'G'

FILE: *SL/4*DATE: *28 Mar*

/lg

*As per Mr. May*  
*n*  
 Sir J.E.T. RITCHIE Bt.  
 Lt. Colonel,  
 G-1(B)

Copy to: Civil Affairs Section.

341

*G-1 (SO) Please find*  
*agree - necessary instructions*  
*B. 30/3*  
*g-1 (WE) be investigate 223*

1 2 7 2

5/4/3  
39

HEADQUARTERS ALLIED COMMISSION  
APO 394  
CIVIL AFFAIRS SECTION

Ref: 9/8A/CA

28 March 45.

SUBJECT: Mine Clearance.

TO : Land Forces Sub Commission (MMIA). ✓

On a reconsideration of the further needs of this Commission it has been estimated that at least 12 Companies are required and should be formed with three battalions of four companies each. A W.E./T.O. for Battalion HQ has been drawn up and is submitted to you for your approval and any comments you may have.

*R.R. Cripps*  
R.R. CRIPPS Col  
CSO CA Section

Copy to: Ministry of War  
Via XX Settembre  
Brig. Gen. SUPINO

240

670

MINE-CLEARANCE BATTALION HQ.1 HEADQUARTERS

Commander (Lt.Col. or Maj.)  
 Adjutant  
 Officer with administrative functions

Total

1 HQ. SQUAD

Staff Non-Commissioned Officers  
 Interpreters  
 Clerks  
 Draftsmen, Typists  
 Medical Men  
 Orderlies

Total

1 TRANSPORT SQUAD

Non-Commissioned Officers  
 Drivers

Total

Full Total

|   | Senior Officers | Junior Officers | Non-Comm. Officers | Other Ranks |             | Cars | Trucks | Motor-cycles |
|---|-----------------|-----------------|--------------------|-------------|-------------|------|--------|--------------|
| 1 |                 | 1               |                    |             |             |      |        |              |
| 1 |                 | 2               |                    |             |             |      |        |              |
|   |                 |                 | 1                  | 2<br>1<br>1 | 2<br>1<br>3 |      |        |              |
|   |                 |                 | 1                  | 4           | 6           |      |        |              |
|   |                 |                 | 1                  |             | 3           | 1    | 1      | 1            |
|   |                 |                 | 1                  |             | 3           |      |        |              |
| 1 | 2               | 2               | 4                  | 9           | 1           | 1    | 1      | 1            |

P.S. - The Mine-Clearance Battalion HQ. will normally make use of one of its Companies for rations, cooking and general duty.

1274

N Hq.

aj.)

tive functions

Total

Officers

Total

rs

Total

Full Total

Station Hq. will  
one of its Companies for  
general duty.

|  | Senior Officers | Junior Officers | Non-Comm. Officers | Other Ranks | Cars | Trucks | Motor-cycles |
|--|-----------------|-----------------|--------------------|-------------|------|--------|--------------|
|  | 1               | 1               |                    |             |      |        |              |
|  |                 | 1               |                    |             |      |        |              |
|  | 1               | 2               |                    |             |      |        |              |
|  |                 |                 | 1                  | 2           |      |        |              |
|  |                 |                 |                    | 1           |      |        |              |
|  |                 |                 |                    | 1           |      |        |              |
|  |                 |                 |                    | 2           |      |        |              |
|  |                 |                 |                    | 1           |      |        |              |
|  |                 |                 |                    | 3           |      |        |              |
|  |                 |                 | 1                  | 4           |      |        |              |
|  |                 |                 |                    |             |      |        |              |
|  |                 |                 | 1                  |             | 1    | 1      | 1            |
|  |                 |                 |                    | 3           |      |        |              |
|  |                 |                 | 1                  |             |      |        |              |
|  | 1               | 2               | 2                  | 4           | 1    | 1      | 1            |

O.de CEF/GB

HEADQUARTERS  
ARMED MILITARY GOVERNMENT  
LAZIO UMBRIA REGION  
(Engineering Division)

APO 384

22 February 1945

TO : Agricultural Division Lazio &amp; Umbria Region

SUBJECT : Mine clearance

IN REPLY QUOTE : M4/ENG/25.4

1. Enclosed is copy of report by Lt.Col. CARUSO Italian Army who is liaison officer between this Division and Ministero della Guerra for removal of mines and an Artillery officer trained in Explosives.

The process of separation and subsequent utilisation as explosive appears to me, with some knowledge of explosive, satisfactory it is for Agricultural Experts to say whether the <sup>proper</sup> solution of Ammonium Nitrate is satisfactory as a fertiliser.

Each antitank mine contains 4 kg of Explosive and as there are thousands of mines yet to be lifted the matter is of considerable importance and I recommend with this definite report to work on you should take it up. -

2. DANGEROUS Mines are exploded in situ - any handled as above have already had detonators removed.

Enclosures (English &amp; Italian)

Copy to:

Col. Cripps

Mr. Rakovich

HQ. Lazio Umbria (Industry Division)  
Ministero della Guerra Cabinet

VIA

with enclosures.

Regional Engineer

Lazio Umbria Region ENG.

Lt.Col. R.R.

238

660057/02

HEADQUARTERS  
ARMED FORCES GOVERNMENT  
LACIO UMBRIA REGION  
(Engineering Division)

170 334

22 Feb 1945

ALLA : Divisione Agricoltura Regione Lazio e Umbria AMG.

OGGETTO : Bonifica mine

NELLA REGIONE. CIRCOLARE: RM/AMG/25.4

1. Si allega copia di rapporto del Ten. Col. CARUSO dell'Esercito Italiano il quale funge da ufficiale di collegamento tra questa Divisione ed il Ministero della Guerra per lavori di bonifica mine ed è un ufficiale di artiglieria addetto agli esplosivi.

Il processo di separazione e successiva utilizzazione come esplosivo di guerra, ed ho una certa conoscenza di esplosivi, soddisfacente in quanto egli esperti agricoli di dire se la ~~separazione~~ soluzione di nitro d'ammonio è soddisfacente come fertilizzante.

Ciascuna mina artigliata contiene 4 chili d'esplosivo e alcune vi sono migliaia di mine ancora da rimuovere la faccenda è di considerevole importanza e con questo rapporto ben definito come guida raccomandando che vengiate la cosa in considerazione.

2. Mine ~~pericolose~~ sono esplose in situ - ogni mina meneggiata come sopra è stata già disassemblata.

G. DE C. E. FINDLAY Lt. Col. R. S.  
Regional Engineer  
Lazio Umbria Region AMG.

Allegati: (Inglese e Italiano)

Copies:

Col. Crispie

Mr. Dakovich

Mr. Lacio Umbria (Industry Division)

Ministero della Guerra Gabinetto

ITALIA

with enclosures.

337

1. Si allega copia di rapporto del Ten.Col. CARUSO dell'Esercito Italiano il quale funge da ufficiale di collegamento tra questa Divisione ed il Ministero della Guerra per lavori di Demolition Mine ed è un ufficiale di artiglieria addestrato agli esplonivi.

Il processo di segregazione e successiva utilizzazione come esplosivo mi sembra, ed ho una certa conoscenza di esplosivi, soddisfacente ma rimane agli esperti agricoli di dire se la ~~lessenza~~ soluzione di nitrato d'ammonio è soddisfacente come fertilizzante.

Ogni mina antiaerea contiene 4 chili d'esplosivo e siccome vi sono migliaia di mine ancora da rimuovere la faccenda è di considerevole importanza e con questo rapporto ben definito come guida raccomandando che prendiate la cosa in considerazione.

2. Mine DEMOLITION sono esplose in tutta ogni mina menzionata come sopra è stata di già disassemblata.

G. DE C. E. FINDLAY Lt.Col.R.E.  
Regional Engineer  
Lazio Umbria Region ASD.

Allegati: (Inglese e Italiano)

Copies  
Col. Orlyps  
Lt. Dikertich  
HQ. Lazio Umbria (Industry Division)  
Ministero della Guerra, Gabinetto  
MIA  
with enclosures.

337

Per il Sig. Col. Findlay -

### RECUPERO DELL'ESPLOSIONE

#### 1) Considerazioni di carattere generale:

Come è noto, nel momento attuale in Italia è totalmente ferma l'industria per la produzione del T.N.T. come del resto d'ammocito.

Sostanza, la predetta, preziosissima seppure per scopi diversi: il tritolo, infatti, è l'esplosivo principe nelle industrie delle miniere e di escavazione in genere, mentre il nitrato d'ammonio contenuto nell'Amatolo è, notoriamente, un ottimo fertilizzante; a parte il fatto poi che l'Amatolo è già di per sé un ottimo esplosivo da mina.

Tutto il T.N.T. come il nitrato d'ammonio si trovano, sotto forma di miscela, in gran parte delle mine, mentre alcuni tipi di detti ordigni sono esclusivamente caricati di T.N.T. puro (particolarmente le mine Inglesi, Americane ed Italiane).

E pertanto le sostanze di cui trattasi possono attualmente, e soltanto, per quanto detto al 1° capoverso, essere ottenute attraverso lo scaricamento delle mine che, a seguito della bonifica dei terreni minati, vengono recuperate.

#### 2) Recupero dell'esplosivo -

Tritolo: per semplice apertura dell'involucro delle mine, tenendo presente che le mine in ferro - dato il modesto spessore delle loro pareti - possono agevolmente essere aperte con opportuni, semplici procedimenti, mentre per le mine in legno l'operazione è ancora più semplice e addirittura elementare.

Per tale operazione di apertura il pericolo può essere ridotto a zero.

- Separazione del T.N.T. dal nitrato d'ammonio nell'Amatolo contenuto in alcuni tipi di mine (in prevalenza mine tedesche): E' noto che l'Amatolo è costituito da nitrato d'ammonio + T.N.T. in miscela meccanica, e che la separazione dei costituenti si ottiene mediante semplice trattamento di lisciviazione a caldo.

L'acqua calda, infatti, scioglie molto facilmente il nitrato d'ammonio lasciando inalterato il T.N.T.

Il nitrato d'ammonio viene così separato dal T.N.T. e viene recuperato per evaporazione della sua soluzione (ove il nitrato di Ammonio dovesse essere impiegato come fertilizzante

.../...

- 2 -

in prossimità del luogo di lavoro, se ne può evitare la cristallizzazione, in quanto le acque madri potrebbero essere come tali - (opportunamente titolate) utilizzate allo scopo).-

3) Impianti di lisciviazione:

Gli impianti di lisciviazione sono di grande semplicità, e possono, pertanto, essere agevolmente approntati anche nelle attuali difficoltose contingenze. Difatti, un impianto non consiste che in un apparecchio generatore di vapore (caldaja), in una o più vasche di lisciviazione in legno ed in alcuni recipienti di concentrazione.

Nel caso in cui l'Amatolo proveniente dallo scaricamento delle mine voglia essere impiegato come miscela esplosiva per l'industria mineraria e di escavazione è sufficiente procedere alla sua essiccazione con semplici essicatori, e successiva confezione in cartucce.

Ten. Col. F. Caruso



TO: Lt. Col. FINDLAY

NOTES ON THE MINE RECOVERY PROBLEM

1. Consideration of a general character:

As is known at the present moment the Italian industries for the production of T.N.T. and ammonium nitrate are totally inactive.

These substances are extremely useful although for different purposes: Trinitrotoluene in fact is the main explosive used in mining and excavation enterprises in general, whilst the ammonium nitrate contained in the mixture is well known to be a first rate fertilizer; this apart from the fact that the Amatolo mixture is in itself a first rate mine explosive.

Both the T.N.T. and the ammonium nitrate are to be found in a mixture contained in most of the mines, whilst certain types of mines are exclusively charged with pure T.N.T. (particularly British, American and Italian mines).

As a consequence therefore only the above mentioned substances can presently be recovered by discharging the mines, are recovered following mine clearance, as stated in above 1st paragraph.

2. Recovery of explosive.

T.N.T. by merely opening the mine containers, bearing in mind that the iron containers owing to their thinness can easily be opened by a simple procedure, whilst for the wooden mines the operation is still more simple and quite elementary.

For this procedure of opening the probabilities of danger are reduced to nil.

- Separation of the T.N.T. from the ammonium nitrate from the mixture contained in certain types of mines (principally German mines):

It is known that the Amatolo mixture consists of a mechanical mixture of ammonium nitrate + T.N.T., and that the separation is obtained by a simple treatment of hot lixiviation (ie Hot Water).

Hot water in fact dissolves very easily the ammonium nitrate leaving the T.N.T. unaltered.

The ammonium nitrate is thus separated from the T.N.T. and is recovered by evaporation of its solution (if the ammonium nitrate is being used as a fertilizer near the spot where this procedure is taking place its crystallization can be avoided as the resultant waters properly concentrated can be used for this purpose).-

3. Lixiviation installations.

These installations are of extreme simplicity and can therefore be easily prepared also in the present difficult moment. In fact they consist only of a steam generating apparatus (boiler) and one or more wooden lixiviation tubs and several containers for concentration.

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## 3. Lixiviation installations.

334

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In the case that the Amatolo mixture recovered from the discharging

of mines is to be used as explosive mixture in the mining and excavation industries it is sufficient to proceed to its desiccation with drying-apparatus, followed by packing into cartridges.

T/to: Ten. Col. F. CARUSO

*F. Caruso*

*1000*

# DATI DI RENDIMENTO COMP. RASTRELLATORI MINE -----

561^ Cp.Rastr.Mine - alcune migliaia di mine nella zona Formia-Minturno;

562^ Cp.Rastr.Mine - 150687 mine nelle provincie di Chieti - Pescara.

I precedenti dati si riferiscono al 31/12-1944. Essi provengono da comunicazioni non ufficiali, perchè le due accennate compagnie non dipendono dal Ministero della Guerra, ai fini dell'impiego, ma sono alle dipendenze dei Comandi IV^ e V^ Regione rispettivamente. Presso i corrispondenti HQ-Eng.Division potranno aversi dati ufficiali e soprattutto più aggiornati.

Roma, 20 febbrajo 1945

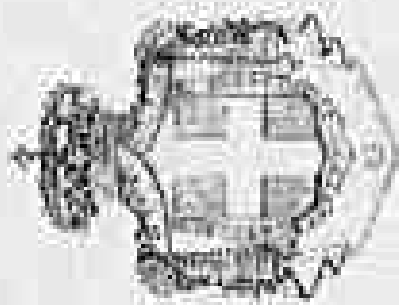
*Col. Paolo Lupis*

561 Coy - some thousands of mines in FORMIA-MINTURNO  
562 Coy - 150687 mines provinces CHIETI-PESCARA.

The above details refer to period ending 31 Dec 44. They are obtained from unofficial information as the two abovementioned Coys are not under command MCW for works but are under HQ's 4 & 5 Regions respectively. Official and more up to date information can be obtained from the corresponding HQ Eng Div

*561 Coy*

*562 Coy*



Ministero della Guerra  
DIREZIONE GENERALE DEL GENIO  
= Ufficio E.C.M. =

Divisione *Genio*

Prot. N. 1000/50 46 46 Allegati

OGGETTO: Bonifica Campi Minati.

Proposta al *Regio Esercito*  
Dir. *Genio*

e, per conoscenza:

AL MINISTERO DELLA GUERRA = GENIO = S. E. D. E. =

ALLO S. M. A. E. UFFICIO OPERAZIONI = S. E. D. E. =

Riferimento foglio 11905/0.p. del 10/11/44 dello Stato Maggiore

Regio Esercito - Ufficio Operazioni -

Trasmetto l'allegato specchio relativo alla Bonifica dei Campi  
Minati effettuata nelle varie regioni nel gennaio 1945.

131

IL DIRETTORE GENERALE  
(Gen. Div. O. Crivaro)

*apw*

Roma, 10 FEB. 1945

ALL LAND FORCES SUB COMMISSION  
A.C. (M.I.I.A.)

R. O. M. A.

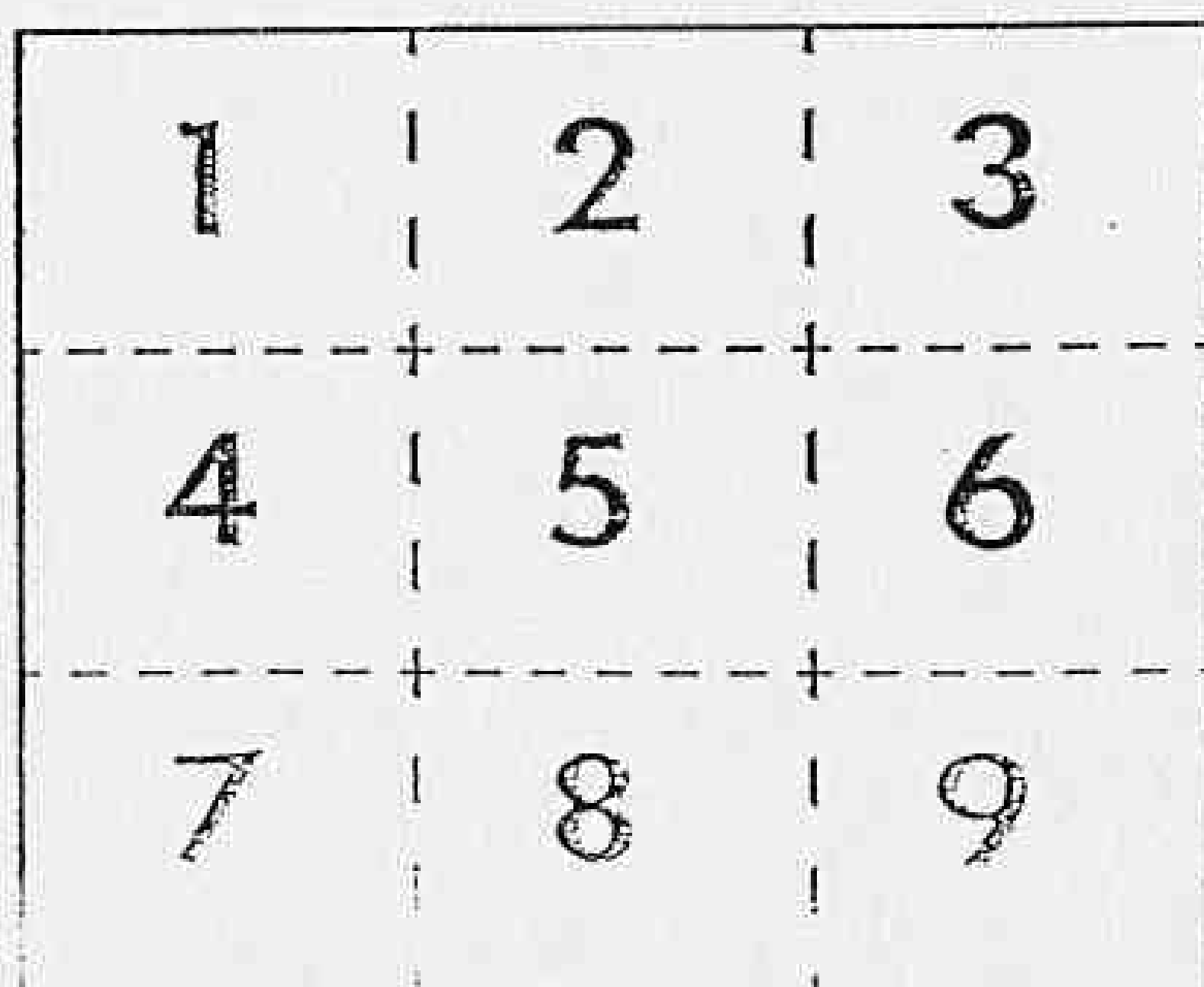
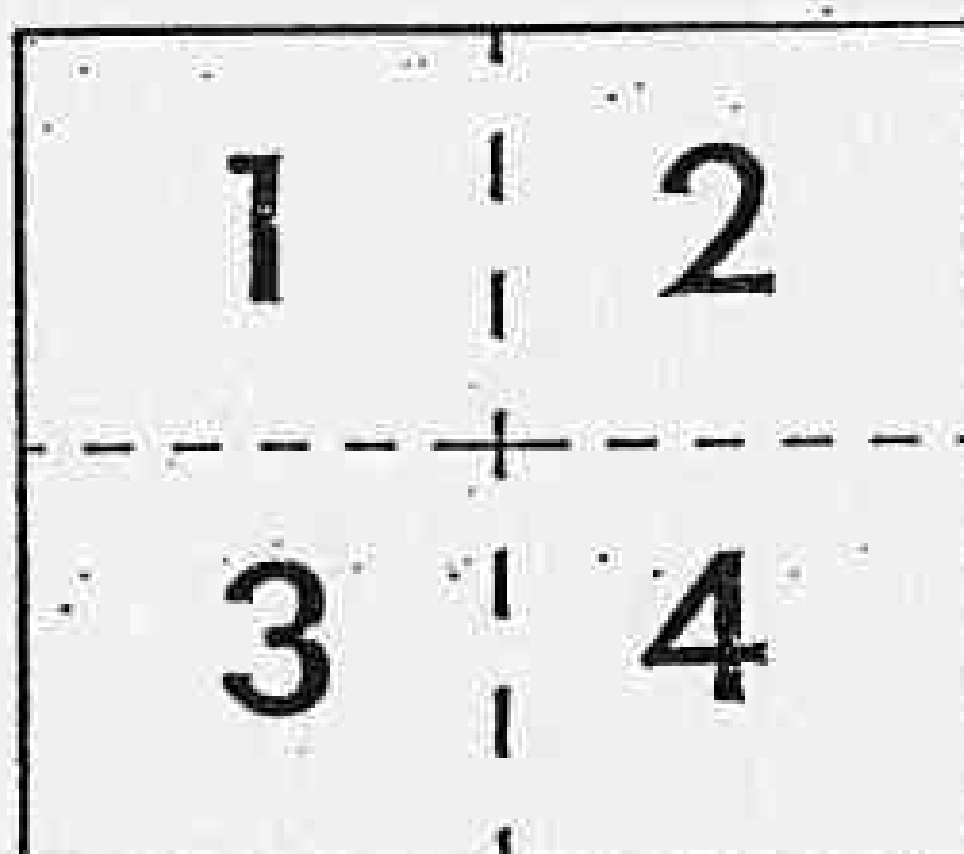
131/2

*Copy of War Field*

Private

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.



MINISTERO DELLA GUERRA  
DIREZIONE GENERALE DEL GENIO  
Ufficio B.C.M.  
=====

SPECCHIO dei campi minati rimossi nelle varie regioni

| Località infestata                                                                                                                                   | Lavoro eseguito                                                                                           | Superficie bonifica |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------|
| <u>Provincia di Pisa:</u>                                                                                                                            |                                                                                                           |                     |
| T O S C A N A                                                                                                                                        |                                                                                                           |                     |
| 327 Pisa - S. Piero a Grado - Riglione -<br>Barbaricina - Pugnano - Pettorio<br>Bagni di Casciana - Viareggio -<br>Porta a Mare - Pontedera - Zambra | Mine varie N. 1695                                                                                        | Sup. bon.           |
| <u>Provincia di Lucca:</u>                                                                                                                           |                                                                                                           |                     |
| Lucca - Ponte a Moriano - Carignano<br>Monte S. Quirico - Zona di Ponte a<br>Serchio e Balbano -                                                     | Mine varie " 2585                                                                                         | " "                 |
|                                                                                                                                                      | Totale mine ricu<br>perate o distrutte N. 4480                                                            | Totale m            |
| <u>Provincia di Perugia</u>                                                                                                                          |                                                                                                           |                     |
| U M B R I A                                                                                                                                          |                                                                                                           |                     |
| Passignano - Castiglione del Lago<br>e Chiusi                                                                                                        | Mine antiuomo "S." N. 196<br>Mine anticarro T.M. 43 " 899<br>Mine " M.K. 5 " 1222<br>Mine " T.M. 42 " 257 | Sup. bon.           |
|                                                                                                                                                      | Totale mine ricupe<br>rate o distrutte N. 2574                                                            |                     |
| <u>Provincia di Roma:</u>                                                                                                                            |                                                                                                           |                     |
| L A Z I O                                                                                                                                            |                                                                                                           |                     |
| Zona di Ostia Lido - Ostia Antica -<br>Acilia - Mezzocamino - Malpasso -<br>S. Sebastiano - Via Ostiense - Via Ap-                                   | Mine T. M I N. 7265<br>Teller Mine " 450<br>Mine Stok " 4122                                              | Sup. bon.           |

MINISTERO DELLA GUERRA  
DIREZIONE GENERALE DEL GENIO  
Ufficio B.C.N.

Allegato al foglio N. 8/10464... in data 10-2-45  
della Direzione Generale del Genio -

e varie regioni

| Superficie bonificate |                       | Note                                                                                                                                  |
|-----------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <u>T O S C A N A</u>  |                       |                                                                                                                                       |
| N. 1695               | Sup. bon. mq. 259,940 | Il Lavoro eseguito si riferisce al periodo: 1° 22 gennaio 945                                                                         |
| " 2585                | " " " 123,366         |                                                                                                                                       |
| Totale mq. 383,306    |                       |                                                                                                                                       |
| N. 4480               |                       |                                                                                                                                       |
| <u>U M B R I A</u>    |                       |                                                                                                                                       |
| N. 196                | Sup. bon. mq. 148,000 | Il lavoro eseguito <sup>si riferisce</sup> al periodo: 1° 15 gennaio 945 -<br>Il cattivo tempo ha limitato il rendimento del lavoro - |
| 1.43 " 899            |                       |                                                                                                                                       |
| 1.5 " 1222            |                       |                                                                                                                                       |
| 1.43 " 257            |                       |                                                                                                                                       |
| N. 2574               |                       |                                                                                                                                       |
| <u>L A Z I O</u>      |                       |                                                                                                                                       |
| N. 7265               | Sup. bon. mq. 243,490 | Il lavoro eseguito si riferisce al periodo : 1 - 31 gennaio 945 -                                                                     |
| " 450                 |                       |                                                                                                                                       |
| " 4122                |                       |                                                                                                                                       |

Provincia di Roma:

Zona di Ostia Lido - Ostia Antica -  
 Acilia - Mezzocamino - Malpasso -  
 Cacchignola - Via Ostienze - Via Appia Nuova - Via Laurentina -

|                    |    |      |
|--------------------|----|------|
| Mine T. M I        | N. | 7265 |
| Teller Mine        | "  | 450  |
| Mine Stok          | "  | 4122 |
| Mine Schiu         | "  | 2399 |
| Mine Holz          | "  | 2207 |
| Mine a Circostanza | "  | 262  |

Sup. bon.

Totale mine ricuperate o distrutte

N. 16705

LAZIOProvincia di Chieti

Ortona a Mare - Tollo - Giuliano Teatino -

Mine varie

N. 3353

Sup. bon.

ABRUZZIProvincia di Catanzaro

Nei Comuni di: Verapodio - Cittanova

Mine varie

N. 53

-

CALABRIA

LAZIO

7255 Sup. bon. mq. 243,490

450

4122

2399

2207

262

Il lavoro eseguito si riferisce al  
periodo : 1 - 31 gennaio 945 -

15705

ABRUZZI

3353 Sup. bon. mq. 294,592

Il lavoro eseguito si riferisce al pe-  
riodo: 1°- 15 gennaio 945 -

Il cattivo tempo ha limitato il rendi-  
mento del lavoro -

CALABRIA

pia Nuova - Via Laurentina -

|                    |   |      |
|--------------------|---|------|
| Mine Schiu         | " | 2399 |
| Mine Holz          | " | 2207 |
| Mine a Circostanza | " | 262  |

Totale mine ricupera-  
te o distrutte N. 16705

ABRUZZIProvincia di Chieti

Ortona a Mare - Tollo - Giuliano  
Teatino -

|            |    |      |
|------------|----|------|
| Mine varie | N. | 3353 |
|------------|----|------|

Sup. bon.

CALABRIAProvincia di Catanzaro

Nei Comuni di: Verespodio - Cittanova  
Rizzigoni - Bianco - Stazione fer-  
roviaria di Ferruzzano -

|            |    |    |
|------------|----|----|
| Mine varie | N. | 53 |
|------------|----|----|

-

" 2399

" 2207

" 262

N. 15705

ABRUZZI

N. 3353

Sup. bon.

mq. 294.592

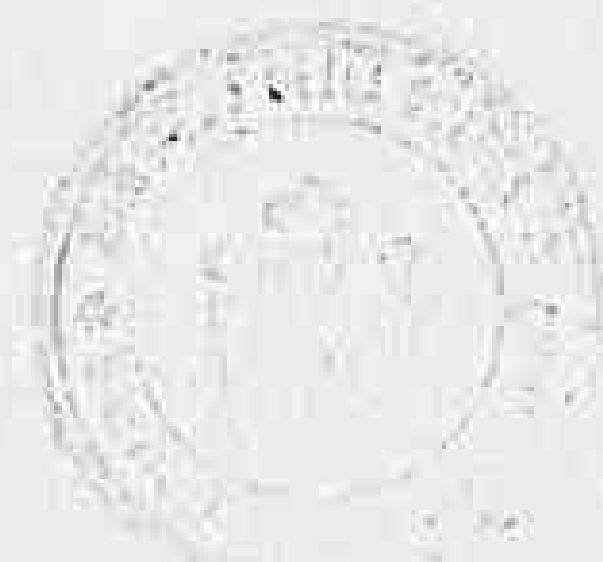
Il lavoro eseguito si riferisce al periodo: 1°- 15 gennaio 945 -

Il cattivo tempo ha limitato il rendimento del lavoro -

CALABRIA

N. 53

Trattasi di mine sparse nelle località citate -



## MINE CLEARANCE PLAN

for

North West Italy  
-----I OBJECT

To provide a team of instructors for training civilians within each region and one company of trained Engineers of the Italian Army for use on work of prior importance.

2 INTRODUCTION

It is understood that Military intend to clear important roads, railways and docks on L of C, as set out in Log Plan 194.

AC will make one team of instructors available to each Region for the training of civilians.

One Company of trained Italian Army will be made available for urgent work in the North. They will be under control of AC who will determine where they should be employed after consultation with Regional Commissioners.

Equipment, Mine Detectors etc will be earmarked now as that in the event of an early occupation they will be immediately available.

Regions should nominate one officer to supervise Mine Clearance Organisation from whom the Zones will receive their instructions as to priorities of work, training etc.

With the limited number of personnel at the disposal of AC it will be a question of priorities which can only be determined after a reconnaissance has been made by each Region. As most of the information will be obtained through Police and Fertisen channels and at Provincial level, it is suggested that a pro forma on the lines of a. pendix C be prepared for distribution at an early date. Replies need not be detailed but from information it can quickly be ascertained where the first centres should be set up.

As priorities are most important it is suggested that the following should be the criteria:-

- (a) Communications
- (b) Public Works and Utilities
- (c) Ports and large towns
- (d) Devastated Areas
- (e) Agricultural areas and land

3 METHOD

To move the mine training cadre at LUGLI (to be known as Zone Liguria) to LIGURIA Region.

To move the mine training cadre at FIM (to be known as Zone Piemonte) to PIEMONTE Region.

To move the mine training cadre at FILOLA (to be known as Zone Lombardia) to LOMBARDIA Region.

To move one Italian Mine Clearing Company to the North as soon as

It is understood that Military intend to clear important roads, railways and docks on L of C, as set out in Log Plan 174.

AG will make one team of instructors available to each Region for the training of civilians.

One company of trained Italian Army will be made available for urgent work in the North. They will be under control of HQ AG who will determine where they should be employed after consultation with Regional Commanders.

Equipment, Mine instructions etc will be earmarked now on that in the event of an early occupation they will be immediately available.

Regions should nominate one officer to supervise Mine Clearance Organization from whom the Zones will receive their instructions as to priorities of work, training etc.

With the limited number of personnel at the disposal of AG it will be a question of priorities which can only be determined after a reconnaissance has been made by each Region. As most of the information will be obtained through Police and Partisan channels and at Provincial level, it is suggested that a pro form on the lines of A. Pendix C be prepared for distribution at an early date. Replies need not be detailed but from information it can quickly be ascertained where the first centres should be set up.

As priorities are most important it is suggested that the following should be the order:-

- (a) Communications
- (b) Public Works and Utilities
- (c) Ports and large towns
- (d) Devastated Areas
- (e) Agricultural areas and land

### 3 METHOD

To move the mine training cadre at LUCCA (to be known as Zone Liguria) to LIGURIA Region

To move the mine training cadre at FLO. (to be known as Zone Piemonte) to PIEMONTE Region

To move the mine training cadre at FISTOLA (to be known as Zone Lombardia) to LOMBARDIA Region

To move one Italian Mine Clearing Company to the North as soon as it has been decided where they are required.

326

### 4 ADMINISTRATION

Issued under Administration Order (Appendix 4)

C. Sec.  
6 Feb 45

J. S. ELKINS Maj  
For GSO 06 Section.

# APPENDIX "A"

## ADMINISTRATIVE INSTRUCTIONS in Planning for the U.S. ITALY

### 1. TRAINING AND RECRUITING OF CIVILIAN PERSONNEL.

It will be for Regions to determine where they wish the Mine Training Cadre to be located.

The Italian Ministry of War will establish Mine Clearing Zones (to be known as Zones Liguria, Piemonte and Lombardia) as soon as possible to coordinate the work of the Civilian squads but it will be for Regions to arrange in the initial stages for recruitment and training of civilian squads. Regions will control the squads and will direct their work. In this connection Regions should consider whether it will not be desirable to obtain and train recruits for the would be willing to serve into their Regions at a later date. Such recruits could be the subject of the schools at INUSA (Insubria Region), Milan (Trento Region) and Mantova (Lombardia Region). A possible source of recruitment is Patriots.

The U.S. It. For instance have been trained and are doing Mine Clearance work. This source should also be considered.

### 2. ACCOMMODATION

It will be a Regional responsibility to make all arrangements for billeting and housing of instructors, Mine Clearance Company and Civilian squads leaving any/or working away from home.

Civilian instructors will be accommodated in or near to the buildings chosen for the centre of instruction.

The Mine Clearance Company will have its HQ in a central area and the Sections will be housed in suitable buildings in or near to the area in which they are working.

Civilian squads when not living at home will be housed near the area of operations.

### 3. EQUIPMENT

Mine Detector (Italian Type) Wire Cutters etc. will be provided by the Italian Ministry of War in so far as available. About 10 will be made available to each Region.

### 4. BLANKETS AND BEDDING

All military personnel will take with them their personnel issue of blankets and bedding. Civilians should also bring with them blankets etc for their own use. It is anticipated that difficulty will be experienced in so far as civilians are concerned.

### 5. WAGES PAYABLE TO CIVILIANS

known as Zone 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 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1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234

## 6. INSURANCE

Workers engaged in hazardous activities are insured under POL 1765 of 1935 in the state workers' compensation institute (IN CASE/1). If employed by the state this is done through the OFFICE of a special organization with equivalent treatment. If employed by allied forces they are covered by IN OFFICE under the terms of an agreement of 1935 with the Minister of Industry and more recently by a Ministry of Defense as explained in 1939 Administrative Memorandum of 10 December 1944.

The Insurance is automatic and it does not matter whether the workers are employed by the Italian Government or by SO/ALO. In the event of injury (fatal or otherwise) claims should be lodged with ITOROMINT.

## 7. FINDING

The Italian Ministry of War will arrange for the Company and Instructions (Military) drawing rations on the Italian Army Scale through their own channels.

Civilians are entitled to rations on the heavy workers ration scale "A" ((Authority 103/47-1/ Food dated 13th September 1944).

## 8. TRANSPORT

While the Italian Ministry of War will grant power to the Zone Commanders of Zone Liguria, Piemonte, Lombardia and Emilia to hire transport. Rations must be prepared to assist in providing transport for urgent needs. Without this the scale is closed up considerably. The line clearance Company will have some transport of its own but it will require to be supplemented from time to time from other sources.

## APPENDIX "B"

## DAILY WAGE RATES

paid to

Personnel of Mine Clearing Squads  
employed under the Italian Govern-  
ment Mine Clearing Scheme.

|    |                         | L.       | 173    | per diem |
|----|-------------------------|----------|--------|----------|
| I  | Chief of Squad (Single) |          |        |          |
|    | " " (married)           |          | 185    |          |
|    | " " with one child      |          | 187.30 |          |
|    | " " two children        |          | 189.50 |          |
|    | " " three "             |          | 191.50 |          |
|    | " " four "              |          | 195.90 |          |
|    | " " five "              |          | 200.00 |          |
| II | Workmen                 | (Single) | 153    |          |
|    | " " (married)           |          | 170    |          |
|    | " " with one child      |          | 172    |          |
|    | " " two children        |          | 174    |          |
|    | " " three "             |          | 176.40 |          |
|    | " " four "              |          | 180.50 |          |
|    | " " five "              |          | 185    |          |

NOTES: I These wages are subject to various small weekly deductions for insurance, Old Age Pensions, etc.

II In addition to the daily wage scale each workman is entitled to a bonus L.5, L.10, or L.15 for every mine cleared. The bonus varies according to the nature of the ground.

NOTE: While men are being trained they get the same rate of pay as above but including larger "money" which amounts to L.80 in each case.

|    |       |                  |        |
|----|-------|------------------|--------|
| "  | "     | with one child   | 167.50 |
| "  | "     | " " two children | 169.50 |
| "  | "     | " " three "      | 171.50 |
| "  | "     | " " four "       | 173.50 |
| "  | "     | " " five "       | 175.50 |
| II | Women | (Single)         | 150    |
| "  | "     | (Married)        | 170    |
| "  | "     | with one child   | 172    |
| "  | "     | " " two children | 174    |
| "  | "     | " " three "      | 176.40 |
| "  | "     | " " four "       | 180.50 |
| "  | "     | " " five "       | 185    |

NOTES: I These wages are subject to various small weekly deductions for insurance, Old Age Pension, etc.

II In addition to the daily wage scale each woman is entitled to a bonus L.5, L.10, or L.15 for every mine cleared. The bonus varies according to the nature of the ground.

NOTE: While men are being trained they get the same rate of pay as above but excluding danger "money" which amounts to L.80 in each case.

APPENDIX "C"

SUGGESTED PROFORMA

Province of .....

Location and estimated tonnage of mines  
by Communes within the Province of :

.....

| Item. | Communes in which<br>mines are located. | Estimated No's.<br>i.e. 100, 1000's | Whether in<br>minesfields<br>or widely<br>dispersed. | Type of area comprising<br>mines. Houses<br>Public Utilities,<br>Roads, bridges,<br>agricultural<br>land etc. |
|-------|-----------------------------------------|-------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|-------|-----------------------------------------|-------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|

| Item. | Commune in which mines are located. | Estimated No. of i.e. 100, 1000's | Whether in minefields or widely dispersed. | Type of Prod. Remarks<br>mines. Houses<br>Public facilities,<br>roads, bridges,<br>agricultural<br>land etc. |
|-------|-------------------------------------|-----------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|-------|-------------------------------------|-----------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|

34  
Report on visit of Col. CRIPPS  
and Maj. REAKES to 561 Mine  
Clearance Company at GAZTA on  
5th February 1945.

1. Clothing conditions.

Considerably improved. There are some shortages which the Company has indentured for. They are also arranging for exchanges of boots.

2. Pay.

The pay question is satisfactory but the Company Commander is endeavouring to get the War Ministry to recognise that these men are entitled to danger money as paid to the troops in the line. The War Ministry quite rightly refuse to pay this money, they do however, pay bonus on each mine lifted and it is unfortunate that this Company has not lifted many mines nor would there appear to be many to lift.

3. Accommodation.

Is adequate but very bare.

4. Training.

The Company seems to make no provision for training its own personnel and while the Ministry of War sent on one Instructor they had to withdraw him and the Company is now waiting for a new instructor. It would appear that they should be able to find sufficient instructors from the Company itself.

5. Transport and Equipment.

Satisfactory, except there is a demand for batteries for Mine Detectors.

6. Work been done.

The Unit is clearing land over a pipe line which has been broken in several places by shell fire. They have been given instructions to clear certain areas over and above the pipe line. As the result it is taking a long time to clear the line which only extends to 25 kilometers the bulk of which is clear of mines. It would be better that they should confine their attentions to clearing the line first, then go back and search the pieces of ground on which mines are suspected.

Of this Company only 35 men were working on mine clearance out of the whole Company and the mines they are finding are few.

1. Clothing conditions.

Considerably improved. There are some shortages which the Company has indented for. They are also arranging for exchanges of boots.

2. Pay.

The pay question is satisfactory but the Company Commander is endeavouring to get the War Ministry to recognise that these men are entitled to danger money as paid to the troops in the line. The War Ministry quite rightly refuse to pay this money, they do however, pay bonus on each mine lifted and it is unfortunate that this Company has not lifted many mines nor would there appear to be many to lift.

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Satisfactory, except there is a demand for batteries for Mine Detectors.

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Of this Company only 35 men were working on mine clearance out of the whole Company and the mines they are finding are few.

7. Discipline and Morale.

This is not as good as it might be. It is hoped that with the formation of a third company and the creation of a battalion under good leadership it will be possible to make the company into an efficient unit.

2.

3. Future Policy.

The Company should be dispersed and should confine its attentions to doing certain essential jobs and particularly to locating and clearing minefields.

It should be moved from GAZTA to a place where there are mines and where the men may earn extra money in lifting.

The Company should give instruction to local civilian squads in mine clearance so that they when trained, could clear their own ground. In this connection it should be considered whether a fairly large school should not be set up in ROBE for instructing civilians. The school could be widely publicised through Provincial and Communal channels and Communes be encouraged to send teams of 5 or 6 for instruction. By these means it will be possible to make people mine conscious and encourage them to clear their own ground.

7 February 1945.

1305

Declassified E.O. 12356 Section 3.3/NND No. 785020

UNKE V LANE NR 51  
FROM LANE 0813310  
TO DIA  
ON 23 ET  
RESTRICTED 123122 50424 4 07  
YOUR (SUGAR DOG FOUR TWO FOUR OF ZERO SEVEN) AGREED X  
SIGNED SACMEN CITE PHOTO X FORWARD DESIGNATION FOR ORDAN  
ET 0813310

SENT NR 51 2255A UTK 3 E B K  
R-51-2255A J O E K

5/09

11/17/08 33

RE  
9/2

320

08 2400

57/4  
32

67 1430

CHLORIDE.

## INFO-TALK

## ARTICLE 11

Religion may

319

CONFIDENTIALSubject: Italian Mine Clearance Companies.Land Forces Sub Com A.C.  
(G.M.T.A.)

SD/4 6 Feb 45

MINISTRY OF WAR.Copy to: Allied Commission (2)

1. It has been decided to form a third Mine Clearance Company. This new Company will be known as 563 Mine Clearance Company and will be organized on the same establishment (8 officers and 201 O.Rs) as the previously formed Companies. It will be carried in Category 5A - Italian Army.

2. You are requested to issue forthwith the necessary instructions for this Company to form at 10 Regt del Genio, S.M.C.V.

Personnel required should be taken from those now at 10 Regt who are not specially assigned for training as Combat Group reinforcements, nor already trained in bridging.

3. You are also requested to arrange suitable training in the recognition and handling of the commoner types of mines for the personnel of this Company.

4. Demands for transport should be submitted to this H.Q. when the unit is ready to receive its vehicles.

5. This H.Q. is to be informed of the estimated date on which this unit will be ready to proceed to its operational area.

RG Gplaston

Nay

Major General,  
M. H. I. A.Internal Distribution.

AQ

1308

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R.G. G. G. G.  
Maj  
Major General,  
M. M. I. A.

#### Internal Distribution.

AQ  
BS  
ST  
C(AE)  
ORD

318

26

Subject:- Italian Mine Clearance Companies.

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

SD/4  
6 Feb 45

---

Civil Affairs Section,  
H.Q., A.C.

---

Reference your 9/8A/CA of 2 Feb 45.

Attached is a copy of the instructions  
for the formation of the new Company, sent to the  
Ministry of War.

(Sd) R.G. Loxton

Major General,  
M. M. I. A.

27

Subject:- Italian Mine Clearance Companies.

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

SD/4

6 Feb 45

G-1 (B) HQ AC.

Reference your G-1 B/601/I of 1 Feb 45.

1. Instructions are being given to the Italian Ministry of War to proceed with the formation of a third Mine Clearance Company, to be known as 563 Italian Mine Clearance Company.

A copy of these instructions is attached.

2. It is desired to postpone temporarily the formation of the fourth Company, and to reconsider the question on the completion of the formation of 563 Company.

*RBBplestan*  
*raj*

Major General,  
M. M. I. A.

Subject:- Equipment of Mine Clearance Companies.

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

SD/4 \_\_\_\_\_  
5 Feb 45

MINISTRY OF WAR.

Reference SMRE letter 9241 Ord of 14 Dec 44.

1. There is no objection to the issue of flamethrowers, to Mine Clearance Companies, subject to the following conditions:-

(a) that all equipment is provided from Italian sources, and is maintained by the Italian Army.

(b) that no special fuels or materials are required from Allied sources.

(c) that adequate instructions are issued to prevent unnecessary damage to property or materials by their use.

2. You are authorised to arrange issue of this equipment to 561 and 562 Mine Clearance Companies and to provide the necessary personnel for the operation of the equipment.

*Robertson Maj*  
Major General,  
M. M. I. A.

Copy to: Civil Affairs Sec A.C.  
(ref your 9/8A/CA of 27 Jan 45)

*A/8.*

310

HEADQUARTERS ALLIED COMMISSION  
APO 394  
CIVIL AFFAIRS SECTION

Ref: 9/BA/CA.

2 Feb. 45.

SUBJECT : Mine Clearance Companies.

TO : Land Forces Sub Commission (LMSIA) ✓

1. Reference telephone conversation (Maj. Reakes = Maj. Copleston).

2. Authority has today been received from Chief of Staff to form a third Mine Clearance Company. The personnel will be made available from the unallotted ceiling of 3,000 available to A.C.. It will be obliging therefore if you will instruct the Ministry of War to make preparations for the formation of this new company now.

3. The question of forming the three companies into a battalion will require to be considered and a new TO/WE drawn up.

*R.R. Cripps*  
R.R. CRIPPS Col  
CSO CA Section

Copy to: ~~Chief~~ of Staff

Tel. Ext. 412

MEMORANDUM

REFERENCE : G-1B/601/I

1 February 1945

SUBJECT : Italian Mine Clearance Coys.

TO : Director, Land Forces Sub Commission (LMSA)

FROM : G-1 (B) HQ. AC.

1. There are at present attached to this Formation, and held within the ceiling of 3000, two Italian Mine Clearance Companies, 561 and 562, with a strength of 5 Officers and 154 O.Rs. each.

2. Civil Affairs Section of this H.Q. report that although considerable progress has been made in clearing mines in Italy, there is still a shortage of personnel for the work, especially in view of future commitments for N.W. Italy.

3. The Italian Ministry of War have requested that at least two further Mine Clearance Coys be formed, consisting of 8 Officers and 201 O.Rs each, and it is understood that Civil Affairs Section, who are in favour of this, have already taken the matter up with you, but that you wish it to be considered in the light of overall demands by this Formation for Italian military personnel.

4. In accordance with Order of Battle of the Italian Army issued under your G/11 of 27 January 1945, the present holding of this Formation is 2377, leaving a balance of 623 unallotted. The addition of two further Mine Clearance Coys as above will reduce the balance to 205, and it is considered that this will provide a sufficient reserve to meet other commitments of this Formation.

5. It is requested, therefore, that authority may please be given for the formation of two Mine Clearance Coys consisting of 8 Officers and 201 O.Rs each.

FOR VICE PRESIDENT ESTABLISHMENTS SECTION

*As Yarrar Mayd*  
Sir J.E.T. RITCHIE Bt.  
Lt. Colonel,  
G-1 (B)

/GP

ISPEZZORATO DELL'ARMA DEL GENIO

N. 236/Ord.

Roma, 1° febbraio 1945

OCCORRENZA: Militari specializzati rastrellamento mine.

*Military personnel in Italy of the*

- AL COMANDO 10° REGGIMENTO GENIO

e, per conoscenza:

- ALLO STATO MAGGIORE R. ESERCITO

Ufficio Ordinamento e Mobilitazione

- ALL'A.C. - CIVIL AFFAIRS

S. MARIA CAPUA V.

In relazione ad esigenze rappresentate dall'A.C. - Civil Affaire pregarci disporre che personale (ufficiali, sottufficiali e truppa) già appartenente alle squadre rastrellatori mine della Calabria e della Puglia, recentemente affluite a codesto Deposito per costituire complementi, sia tenuto disponibile in sede in attesa di ordini.

Segnalare nominativi ufficiali e numero sottufficiali e militari di truppa disponibili.

L'ISPEZZORATO DELL'ARMA DEL GENIO  
F/to Gen. Div. O. Crivaro

ISPEZZORATO ARMA DEL GENIO

N. di prot. 264 *nd.*

Roma, 5 febbraio 1945

- ALLA I.F.S.C. - M.M.I.A

A.P.C. 394

e, per conoscenza:

- ALIO SPANO MAGGIORE R. ESERCITO

Ufficio Ordinamento e Mobilitazione

S. E. D. E.

- ALL'A.C. - CIVIL AFFAIRS

A.P.O. 394

In relazione ad esigenze rappresentate dall'A.C. - Civil Affairs pregasi disporre che personale (ufficiali, sottufficiali e truppa) già appartenente alle squadre rastrellatrici mine della Calabria e della Puglia, recentemente affluite a codesto Deposito per costituire complementi, sia tenuto disponibile in sede in attesa di ordini.

Segnalare nominativi ufficiali e numero sottufficiali e militari di truppa disponibili.

L'ISPETTORE DELL'ARMA DEL GENIO  
P/to Gen.Div.O.Grivaro

ISPETTORATO ARMA DEL GENIO

N. di prot. 264 / rel.

Roma, 5 febbraio 1945

- ALLA L.F.S.C. - M.M.I.A.

A.P.O. 394

..... per doverosa informazione.



L'ISPETTORE DELL'ARMA DEL GENIO  
(Gen.Div.O.Grivaro)

*G. Grivaro*

1316

HEADQUARTERS ALLIED COMMISSION  
APO 394  
CIVIL AFFAIRS SECTION

Ref: 9/8A/CA

27 Jan 45

SUBJECT : Mine Clearance

TO : Land Forces Sub-Commission (LMIA)

1. Reference telephone conversation (Major Reakes= Major Copleston) and SIRE letter 9241 of 14 Dec 44 a flame thrower is urgently required by the 561 Mine Clearing Company at GAETA. It is understood that one can be made available and it will be appreciated if you will issue instructions to the Ministry of War to allot one to this Company now.

2. It is also necessary to attach to this Company a squad of Artificers trained in the handling of all types of ammunition. Trained Artificers are necessary to handle the various types of ammunition found at GAETA. May permission be granted to the Ministry of War to have the Artificers attached at an early date?

R.R. CRIPPS Col  
CSO CA Section

Copy to: Lazio Umbria Region( your letter R4/ENG/254 of 19 Jan 44 refers)

241  
211

HEADQUARTERS ALLIED COMMISSION  
APO 394  
CIVIL AFFAIRS SECTION

Ext 358

Ref: 9/8A/CA

16 Jan 45

SUBJECT : Mine Clearance

TO : Land Forces Sub-Commission (MEMIA) ✓  
Attn: Maj Copleston

Reference your G/ll of 8 Jan enclosing that part of the Italian Order of Battle relating to this Commission.

1. The question of forming a third Italian Mine Clearance Company has already been discussed with you. The 562 Italian Mine Clearance Company at Chieti is doing an excellent job of work and is removing many thousands of mines but owing to wintry conditions, snow and ice etc. they do not expect to clear as many mines this month as in December. It is therefore considered that the time is suitable for the formation and training of a third Company.
2. The 562 Company is commended by a very capable and experienced officer and are prepared to train and help to form the new Company. That branch of the Ministry of War dealing with Mine Clearance consider that the formation of the new Company should start now.
3. One of the most important reasons for desiring the formation of this Company now is that of planning for NW Italy. It is necessary for this Commission to make all the provision they can for clearance of mines in NW Italy and additional personnel are required.
4. In the circumstances please therefore grant the necessary authority to the Italian Ministry of War to allot and assign personnel for the formation of this Company.

*R.R. Cripps*  
R.R. CRIPPS Col  
CSO CA Section

Copy to: Ministry of War  
Via XX Settembre  
copy to Col Supino

*State War Office  
no allocation  
available in  
(H.I. also info. Col Supino)  
not*

316

Sup  
4.1. 5.18/1  
BIRDS check call  
up fig 2.  
A/Q  
~~2+1~~ (R)  
SORE RM

1319

HEADQUARTERS ALLIED COMMISSION  
APO 394  
CIVIL AFFAIRS SECTION

RE  
SJK

Ref: 9/8A/CA

16 Jan 45

SUBJECT : Mine Clearance

TO : Land Forces Sub-Commission(MMIA)

There is forwarded to you an English Translation of the monthly report received from the Liaison Officer at Chieti Province dated 31 December. A number of matters raised in the report concern your Sub-Commission and will be of interest to you.

*R.R. Cripps*  
R.R. CRIPPS Col  
CSO CA Section

Enclosure

309

COPY

FROM: HEADQUARTERS ALLIED COMMISSION  
 Chieti-Pescara and Teramo Province  
 Italian Liaison Officer.

Ref: 155/10 14

31 Dec 44

TO: Col Cripps, Civil Affairs Section

1. Clothing and Equipment.

The assigned clothing has been drawn. Other requests for similar material have been made and action on them is awaited.

2. Office for the recovery of War Materials.

The office is functioning regularly. It is necessary, however, to put a vehicle at the disposition of the P.S. Official attached to the Office in order that he may personally carry out investigations in the Communes of the three dependent Provinces. The President of the Chamber of Commerce of Chieti has been contacted for this purpose and he will provide for the requisitioning of a vehicle to be used for this service.

Part of the recovered material has been taken to the warehouse of Capogatti while the remainder must be withdrawn.

3. Third Zone of Mine Fields: Mine Clearance School for Civilians.

The Mine Clearance School has yielded very little due to the insufficient preparation of the civilians.

The following casualties have resulted in the period November 29 to December 16, 1944:

Three dead

Six wounded, one of which was mutilated.

Instructions have been given by the War Ministry Inspectorate of Engineers, to the Headquarters of the Third Zone concerning the clearance of mined areas in the territory of the Provinces of Ancona and Pesaro.

4. Work in the Province of Teramo.

Agreements have been reached with the Provincial Deputy, Capt Marshell, and the Prefect of Teramo. The first detachment of the 562nd Mine Clearance Company has been formed in Silvi, for the mine clearance work to be done in said province.

The Prefect of Teramo has taken upon himself to furnish all the details concerning the work to be done.

The assigned clothing has been drawn. Other requests for similar material have been made and action on them is awaited.

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The Prefect of Teramo has taken upon himself to furnish all the details concerning the zones to be cleared. For <sup>308</sup> purpose he has requested information from the Communes under his jurisdiction. He promised to supply 150 litres of gasoline each week for said work but this has not been obtained yet.

5. Recall of Italian Soldiers.

Information has been requested from the District, in regard to the well known recalls. The District at Chieti, with letter 1447 of 22 Dec 44 and with letter 1367 of 30 Dec 44, has furnished the following information:

|   |                   |       |
|---|-------------------|-------|
| I | (a) reported      | 1,749 |
|   | (b) rejected      | 1,119 |
|   | (c) convalescence | 160   |

## II

## Transport:

60 vehicles have been used which are furnished by the ALIA for the transport of 958 soldiers who were headed for the south to Ortona.

These men included:

109 soldiers of AVILA District  
483 " " TERRACINO  
90 " " SULLARONA  
84 have been sent out from the District of CHIETI.

## III

## Morale:

The meagreness of the daily allowance to the families of the soldiers who have been recalled, the recall during the Christmas holidays, the disastrous conditions in which the Province of Chieti is as a result of military operations, the work in connection with the olive season, have been the cause, up to today, of the small number of those answering the recall. It is believed that after the holidays the number will increase considerably. While the soldiers were in this District they were given hot food, wine, cigarettes, fruits, newspapers, and other items. A committee, consisting of men and women, was formed in Chieti and offered many gifts to the departing soldiers. The recalled soldiers were billeted in the premises of the Caserma "Pierantoni" and slept on straw on the ground.

## IV

## EQUIPMENT:

All the soldiers were given all the items prescribed by the Italian Military regulations.

## 6. Activity of the 562nd Mine Clearance Company.

Nine Clearance works have been commenced in the Province of TERRACINO. A first detachment has been formed in SILVI where a member of the 562nd Company died, as a result of the explosion of an "S" mine.

During the same month of December, the work of the Company has been extended to the Comune of MANNOPOLLO and in the localities of S. MARTINO, S. VINCENZO, FOSSACESSE, and CASACANDITELLA. (CHIETI)

Other detachments will be formed next month-January-in ORTONA, TOLLO (CHIETI) and in many localities of the Province of TERRACINO.

At present the following are detachments of the 562nd: PESCARA, CAPARATI, MANNOPOLLO, MONTESILVANO, TONETO, VIGLI, LANCIANO, GUARDIAGRESE, PIANELLA, MIGLIARICO, CATORASSO, SILVI, S. MARTINO, S. VINCENZO, FOSSACESSE, CASACANDITELLA.

The company has removed 80,200 mines of various types during the month of December through the above mentioned detachments. It has covered 200 tons of explosives, ammunition, and various

families of the soldiers who have been recalled, the recall during the Christmas holidays, the disastrous conditions in which the Province of Chieti is as a result of military operations, the work in connection with the olive season, have been the cause, up to today, of the small number of those answering the recall. It is believed that after the holidays the number will increase considerably. While the soldiers were in this District they were given hot food, wine, cigarettes, fruits, newspapers, and other items. A committee, consisting of men and women, was formed in Chieti and offered many gifts to the departing soldiers. The recalled soldiers were billeted in the premises of the Caserma "Pierantoni" and slept on straw on the ground.

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During the same month of December, the work of the Company has been extended to the Commune of LANCORNELLO and in the localities of S. MARTINO, S. VINCENZO, ROSSACHIA, and CASACANDITELLA (CHIETI).

Other detachments will be formed next month-January-in ORONA, TOLLO (CHIETI) and in many localities of the Province of TERAMO.

At present the following are detachments of the 562nd Company: PESCARA, CAPARATI, LANCORNELLO, MONTESIVANO, LORETO VAGNI, LANCIANO, GUARDIAGRELLA, PIANELLA, MIGLIANICO, CAPORASSO, SILVI, S. MARTINO, S. VINCENZO, ROSSACHIA, CASACANDITELLA.

The company has removed 30,200 mines of various types during the month of December through the above mentioned detachments; has covered 200 tons of explosive ammunitions of various foreign makes, depositing them in the dumps; it has further removed 80 bombs of various weights.

It is to be pointed out that the unit has very few vehicles; it is necessary to obtain the allocation of some vehicle in order that the execution of its task may be facilitated.

Mt. SPANANATO  
Division Officer  
Hq/AC Chieti

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SPRING ANNUAL REPORT ON THE ACTIVITY OF THE UNIT.

If with the figures representing the monthly activity of the company we make a diagram with the abscissa indicating the time and the ordinates the number of mines removed each month by all the detachments of the unit, we would obtain a rising curve (see fig.) which in the last part rises suddenly in the form of an hyperbola. It is evident then that in the space of about six months, the first school based on theory and practice, the individual lessons given by the officers, the harmony among the squads, the enthusiasm of the mine clearers who have always been supported and appreciated by the superior commands, have all succeeded in creating a very solid group technically and morally, and in obtaining considerable results.

The approach of the winter season induced this Command as far back as November to organize on a wider scale the mine clearance work in the centers that were hit the hardest and in such places where the clearance of mines may benefit agriculture. A greater effort from each individual became indispensable in order to accelerate matters and free very vast zones of mines before the hardships of the weather, which is the worst enemy of the mine clearers would appear and limit the activities of the entire unit.

The objective has been realized completely and the "result" curve has reached a maximum upswing which shows how much the Italian soldier can still do if he is supported by faith and if given attention and sympathy by superior commands. Even in the fight between Mine Clearance and winter the former has won, as shown by the following figures:

Number of mines de-activated or destroyed during Dec....90,200  
" " " since the creation of the Unit 150,687

The unit was proud of the reward granted to its Commandant and replied to the solemn praise of his Ex. the General Commandant of the Puglie and Lucania, with the best proof of its gratitude-i.e. with a service which was the fruit of faith; scorn for death and the knowledge of being worthy of its Country which must rise again at all costs.

Inevitably during the next few months the "result" curve will decline to lower figures. The ground is already covered with snow and the clearance work will be stopped for a while. It will serve as a rest after six months of bitter and continued fighting against an invisible enemy, as a period in which to instruct and improve the workers with theoretic instructions on new apparatuses and English mines which are being found more frequently in the regions where war came to a painful standstill last winter.

But the mine clearance work, even if considerably slowed down, will be continued in those coastal centers where the terrain conditions are more favourable.

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A few detachments, situated in mountainous localities, have already been transferred to regions where the winter will be less severe and without snow. The transfer of the theoretical and practical military school for mine clearers is being examined and will be carried out shortly from the zone of Guardiserele to the Commune of Silvi or Roseto degli Abruzzi where the new reinforcements for the unit will be taken.

The losses suffered during these months of activity are serious and show that the task assigned is quite arduous, but the will to continue until the last mine has been removed from our Country which has suffered such martyrdom animates the whole unit; in every tragic vicissitude of destiny, the mine clearer who remains behind replies with an angry will to continue in order to be worthy of his comrade fallen on the field of honour.

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