

ACC

10000 | 120 | 2084

Q 1

NDV

10000 / 120 / 2084

Q 135

Chemical Warfare Stores

NOV 1945 - JAN 1947

TRANSLATION

FROM: Ministry of War.

REF: 5701/1635

TO: M.M.I.A.

DATE: 23 January 1947.

SUBJECT:- Chemical warfare materials.

Reference letter Q/135 of 9.7.1946.

With reference to last paragraph of letter 5593/1387 of 22 Jan inst, we forward return of specially filled ammunition as at 15.1.1947 relative to the Artillery Directorates of Venice and Albenga (now Detached Section).

sgd. CAMPAGNA
Col.

To See	
A/Q	
"Q"	RAC
Q Liaison	
Q Rep	
Q (all)	

R.A.G.

1827

Q/RAC Re (27)
 he should have a
 summary showing
 what has been disposed of
 what remains like details
 with RAC
 of War Min
 nations commencing with (35)

WAS
 17/2-47
 A Q135

83/51

Situazione munizionamento a caricamento speciale alla data del
15/1/1946

Denominazione del materiale
ed ente che lo ha in carico

Ad Aggreddo. Mob. fun.
(escluso
fosforo)

Funzioni inc.
al fosforo

Note

N.

N.

1) Dir. Artigl. VENEZIA

Bombe mortale 81 italiane

gran. da 75

Bombe mortale da 3" inglesi

2) Dir. Artigl. Albenga (ora Sea.

Art.)

Bombe a mano n. 59 c. nero ingl.

" " "09 " rosso "

" " "77 " verde "

" " "83 " giallo "

" " "83 " verde "

" " "83 " rosso "

Bombe inc.

" mortale 2" inglesi

" " 3" "

" " 3" P.M. americane

Cor. gran. 76

Proiettili 25 lbs inglesi

18252

16

-

82

6

777

-

-

12

22

-

3432

851

20

-

2902

-

-

-

243

1826

TRANSLATION

FROM: M. of W.

REF: 5711/1351

TO : M.M.I.A.

DATE: 2/1/47

SUBJECT: Material for chemical warfare .

Ref. your 2/135 dated 9/7/46.

Further to the last paragraph of letter 92803/22644 dated 21/12/46, we forward herewith amendments for the return in respect of special ammo of the Art. Directorate of Venice.

cf.

To See	
A/Q	
"Q"	
Q Liaison	
Q Main	
Q (AB)	

(Sgd) CAMPAGNA
Col.

1825

Ref. 135
I 135

405

TRANSLATION

From: M. of W.
To : MMIA

Ref: 5593/1387
Date: 22/1/47

Subject: Chemical war material. -

Jan 27
We forward herewith the amendments to the return of specially charged ammunition of 15/12/46 as at 15/1/47. -
The data regarding the Artillery Directorates of Venice and Albenga will be forwarded to your Mission as soon as we will receive them. -

g.d.

Campagna
Col.

EG.

To See	
A/Q	
"Q"	
Q Liaison	
Q M.E.	
Q M.E.	

1822

ws
25/1/47
I Q. 135

Amendments to the return of specially charged ammunition of 15/12/46
as at 15/1/47. -

Denomination of the material and units which have it on their charge.	Chemical	Smoke (excluding phosphorus)	Phosphorus smoke & incendiary	Amendments
	N	N	N	N
1) Verona Arty Directorate	-	-	-	NN
2) Taranto "	-	-	-	NN
3) Naples "	-	-	-	NN
4) Rome "	-	-	-	NN
5) Piacenza "	-	-	-	NN
6) Messina "	-	-	-	NN
7) Turin "	-	-	-	NN
81 m/m mortar bombs (French)	-	10362	-	decrease
" " " " (OF-ECP)	-	3733	-	"
8) Florence Arty Directorate	-	18	-	"
60 m/m mortar bombs (American)	-	865	-	"
81 " " " "	-	70	-	"
106 " " " (British)	-	-	40	"
75 m/m shells with American fuzes	-	12	-	"
75 M-54 " " " "	-	49	-	"
BE 88 " " British "	-	-	-	"
9) Bologna Arty Directorate	-	33	-	"
GC 75/13 shells with fuzes (Ital.)	-	26	-	increase
75/27 " without fuzes "	-	-	150	"
2" British mortar bombs	-	-	1200	"
81 m/m American mortar bombs	-	138	-	1821
75 " shells with fuzes (German)	-	-	-	NN
10) Nuoro Detached Arty Section	-	-	-	NN

TRANSLATION

395

FROM: Ministry of War.

REF: 72803/22644

TO: M.M.I.A.

DATE: 21 December 1946.

SUBJECT:- Chemical warfare materials.

Reference your letter Q/135 of 9.1.1946.

We forward amendments as at 15.12.1946 to the return of specially filled ammunition of 15.11.1946.

We lack the data of Venice Artillery Directorate, which will be forwarded to your Commission as soon as received.

sgd. CAMPAGNA
Col.

R.A.G.

To See	
A/Q	
"Q"	
Q Liaison	
Q M.I.	
Q W.	
ORD	
REME	
S & T	

1826

R 28/12/46.

A Q135

Amendments as at 15/12/46 to return of special y filled ammunition of 15/11/46.

Denomination of material and unit to which on charge	Var geses	Smoke (excluding phosphorus)	Phosphorus stoke incendiary	Amendments
I) Arty Directorate Turin	-	-	-	-
2) " Albenga (La Spezia)	-	-	-	-
3) " Piacenza	-	-	-	-
4) " Verona	-	-	-	-
5) " Naples	-	-	-	-
6) " Taranto	-	-	-	-
7) " Bologna	-	-	-	-
3" Mortar bombs British	-	2544	-	increase
Shells for 88 (25pdr) Brit.	-	312	-	"
8) Arty Directorate Florence	-	85	-	decrease
Mortar bombs for 81 American	-	3900	-	-
Shells for 75 Italian	-	-	-	-
9) Arty Directorate Messina	-	-	-	-
IC) " Rome	-	-	-	-
II) Detached Arty Section Nuoro	-	-	-	-

TRANSLATION

38T

FROM: M. of W.

REF: 83494/19953

TO : M.M.I.A.

DATE: 30/II/46

SUBJECT: Materials for chemical warfare.

Reference letter Q/I35 of 9/7/46 and further
to letter 84I09/20I44 of 22/II/46.

With reference to para 2 of our a/m letter, we
forward the return of Rome Arty Directorate as at
15/II/46.

With regard to the Messina Arty Directorate,
we would inform you that there are no amendments as at
above date.

R.A.C.

Sgd. CAMPAGNA
Col.3/12/46
re

1818

TO SEE	
A/Q	
Q	
Q. 1	
Q. 2	
ORD	
REME	

L QI35

RETURN OF SPECIALLY FILLED AMMO. AS AT 31/10/46
OF ROMM ARTY DIRECTORATE.

Type of ammo.	War gases	Screened smoke except phospho- rus.	Smoke incendi- ary with phosphorus.	Notes
Italian mortar bombs 45		1.996	==	
Italian mortar bombs 81		318	==	
Shells 100 with fuze		==	304	
" " fuze		==	210	
Mortar bombs 81 with fuze, German		2.826	==	
Mortar bombs 81 fuze, German.		13	==	
Mortar bombs 100 German		1.005	==	
Carriage cases 25		2.996	==	
Shells 25		727	==	
Shells 25			297	
Shells 100			29	
Shells 100		1.159	==	
Shells 105		2.079	==	
Shells 150		507	==	
Mine 1 Kg.		1.164	==	
Mine 10 Kg.		9	==	
Handgrenades		413	==	
Box m/m 16x49		9	==	
Box m/m 9x14		32	==	
Rocket bombs		1.164	==	
Mortar bombs 50(2 Moz2") English		1.519	==	
Mortar bombs 107 English		204	1817 ==	
Mortar bombs 110 English		==	111	
Carriage cases 75 English		9	==	
Shells 75 English		440	==	
Shells 80 English		1.224	==	
Shells 90 English		790	==	

- 2 -

Smoke cases 75	05	==
Handgrenades 75	1	==
English cylindrical containers M/M 65X76	94	==
American mortar bombs 60M/57	35	==
American mortar bombs 61	==	64
" " " 61	==	1.287
" " " 61	505	==
American mortar bombs 100	262	±=
American mortar bombs 105	==	403
Shells 75	I.044	==
" 75	==	367
" 105	338	±=
American shells 75	==	2.093
" " 155	175	==
" " 155	==	253
" " 105	250	==

1816

TRANSLATION

FROM: Ministry of War.

REF: 84109/20144

TO: M.M.I.A.

DATE: 22 November 1946.

SUBJECT:- Chemical warfare materials.

In reply to your letter N.Q./135 of 9.7.1946, we forward amendments, as at 15 November 1946, to the return of 15 October 1946 of chemically filled ammunition.

We are lacking the returns of the Artillery Directorates of Rome and Messina; as soon as they are received they will be forwarded to your Commission.

sgd. CAMPAGNA
Col.

R.A.G.

TO:	
A/Q	
Q	
Q. 1	
Q. 2	
ORD	
REME	

2/12/46

A Q:35

AMENDMENTS AS AT 15/11/46 TO RETURN OF 15/10/46 OF CHEMICALLY FILLED AMMUNITION

DENOMINATION OF MATERIAL AND UNIT TO WHICH ON CHARGE	POISON GAS N.	SCREEN-SMOKE (excluding phosphorus)	SMOKE SCREENING- TRY (with phosphorus)	VARIATIONS
1) Artillery Directorate TURIN	-	-	-	-
2) " " PIACENZA	-	-	-	-
3) " " VERONA	-	-	-	-
4) " " TARANTO	-	-	-	-
5) " " VERONA NAPLES	-	-	-	-
6) " " VERONA VENICE	-	-	-	-
7) " " ALBENGA	-	-	-	-
cartridge shells cal. 76 American	-	20	-	increase
3" mortar bombs British	-	-	18	"
3" mortar bombs British	-	773	-	"
2" mortar bombs British	-	2841	-	"
8) Artillery Directorate FLORENCE	-	-	-	-
mortar bombs cal. 120 fused German	-	569	-	"
shells cal 88 fused British	-	91	-	"
" cal 105 fused American	-	369	-	"
" cal 75 mod. 54 fused American	-	82	-	decrease
9) Artillery Directorate BOLOGNA	-	-	-	-
shells cal 150 with fuzes German	-	6	-	increase
" " 150 " "	-	-	24	"
" " 88 " British	-	-	66	"
cartridge shells cal. 88 with fuzes British.	-	-	9	"
shells cal. 75 fused American	-	-	84	"
" " with fuzes American	-	-	32	"
" " 105 with fuzes American	-	-	783	"
" " 120 fuzes American	-	-	45	"
10) Independent Artillery sect. NUORO	-	-	-	-

365

TRANSMISSION

From: A.O.F. W.
To : MIA

Ref: 53882/11497
Date: 22/10/46

Subject: Chemical warfare equipment.

Ref. to letter Q/135 dated 9/7/46

Amendments (as at 15/10/46) to the
Specially Charged Ammunition report dated 15/9/46
are forwarded herewith.

We will forward the missing data
of the Rome - Naples - Albenga Artillery Directorates
as soon as we are in receipt.

sgt.

Campagna
Col.

UN

TO SEE	
A/Q	
Q	
Q. 1	
Q. 2	

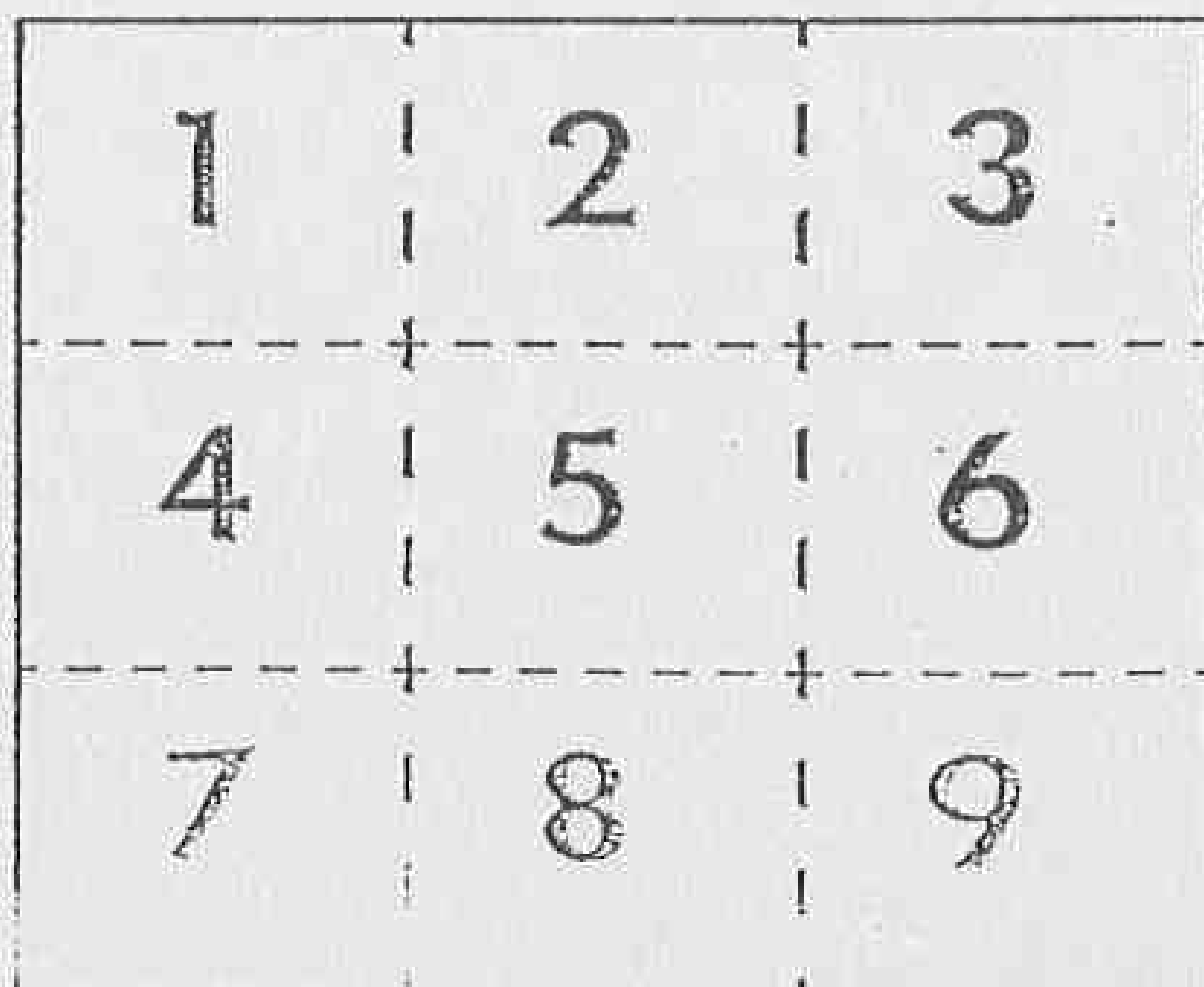
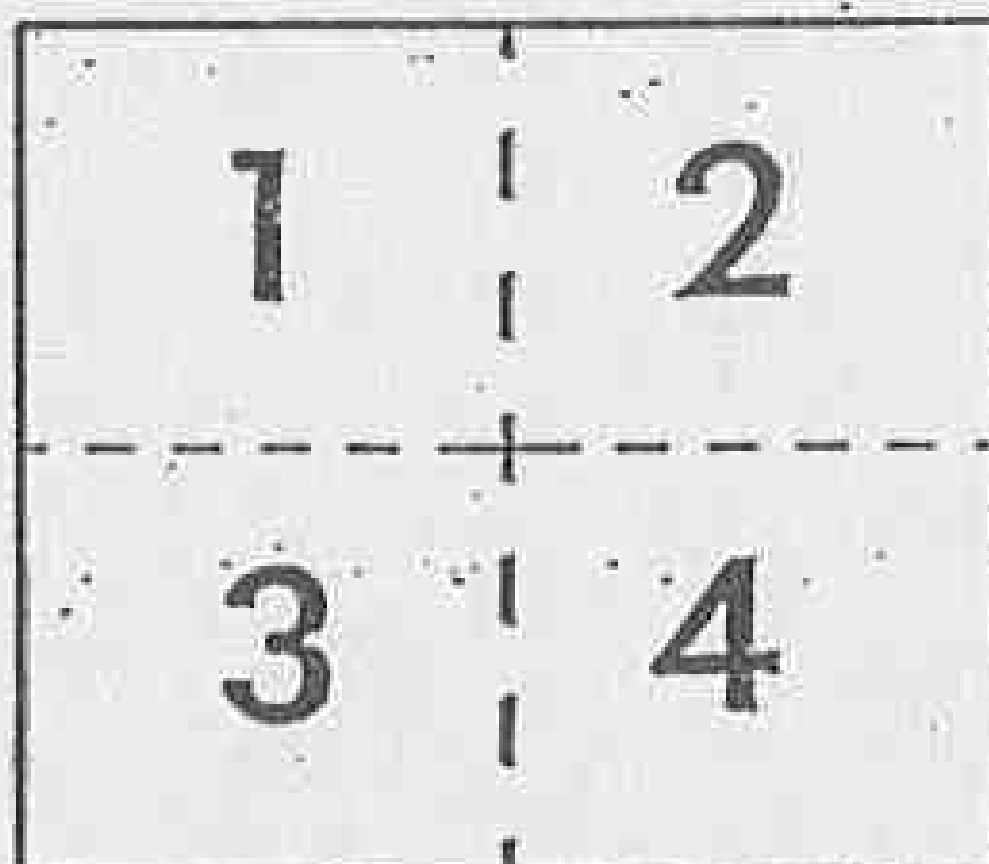
1812

26/10/46
G
R

A Q135

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.



VARIANTI ALLA SITUAZIONE MUNIZIONAMENTO A CARICAMENTO SPECIALE DEL 15.9.46

DENOMINAZIONE DEL MATERIALE ED SUTE CHE LO HA IN CARICO	ad aggressivi N.	Febbiogeni - fu- mogeni (escluse quelle al fosforo) N.	Fumoge- diar- sfor
1°) Direzione Artiglieria TORINO	-	-	-
2°) Direzione Artiglieria PIACENZA	-	-	-
3°) Direzione Artiglieria VERONA	-	-	-
4°) Direzione Artiglieria TARANTO	-	-	-
5°) Direzione Artiglieria VENEZIA	-	-	-
- bombe mortaio da 2" - verdi, inglesi	-	160	-
- " M.l. 2" grigio chiaro "	-	36	-
- " mor. I K B Y da 2" color bronzo ingl	-	30	-
- " " da 2" the 20 Wer - verde "	-	33	-
- " " " " illuminante con parac. nero inglesi	-	18	-
6°) Direzione Artiglieria BOLOGNA	-	-	-
- granate da 105 spol. tedesche	-	91	-
- " " 152 con spoletta tedesche	-	23	-
- " " 88 con spol. inefficienti (americ.	-	70	-
- " " 88 " " efficienti "	-	74	-
7°) Direzione Artiglieria FIRENZE	-	-	-
- bombe mortaio da 106 inglesi	-	276	-
- cartocci gran. da 75 americani	-	-	-
- gran. da 75 M.54 con spoletta americani	-	128	-
- " " " " senza spoletta "	-	12	-
- " " " M.11 senza spoletta "	-	256	-
- scatole fumogene da 75 inglesi	-	339	-
- granate da 88 spol. inglesi	-	304	-
8°) Direzione Artiglieria MESSINA	-	-	-
- granate da 75 americane	-	41	-
- " " " corte americane	-	61	-
- " " 105 americane	-	52	-
- granate da 155 americane	-	40	-
- bombe da 81 americane	-	43	-
- " " 105 americane	-	890	-
- " 2 M/Y inglesi	-	446	-
- granate da 88 "	-	516	-
- " " 100 M.32 italiane	-	1.250	-
9°) Sezione Autonoma Artigl. NUORO	-	-	-

SI ALLA SITUAZIONE MUNIZIONAMENTO A CARICAMENTO SPECIALE DEL 15.9.46 ALLA DATA 15.10.1946

MATERIALE ED ENTE IN CARICO	ad aggressivi N.	Nebbiogeni - fu- mogeni (escluse quelle al fosforo) N.	fumogeni-incen- diari al fo- sforo N.	VARIANTI
la TORINO	-	-	-	-
la PIACENZA	-	-	-	-
la VERONA	-	-	-	-
la TARANTO	-	-	-	-
la VENEZIA	-	-	-	-
2" - verdi, inglesi	-	160	-	aumento
gio chiaro "	-	36	-	"
Y da 2" color bronzo ingl.	-	30	"	"
the 20 Wex - verde "	-	33	-	"
illuminante con parse.	-	18	-	"
nero inglesi	-	-	-	"
la BOLOGNA	-	-	-	-
ol. tedesche	-	91	-	aumento
on spoletta tedesche	-	23	-	"
on spol. inefficienti (americ.	-	70	-	"
" efficienti "	-	74	-	"
la FI RENZI	-	-	-	-
06 inglesi	-	275	-	diminuzione
75 americani	-	-	40	aumento
on spoletta americani	-	128	-	diminuzione
enza spolette "	-	12	-	"
enza spoletta "	-	256	-	"
a 75 inglesi	-	339	-	"
. inglesi	-	304	-	in aumento
la MESSINA	-	-	-	-
ricane	-	41	-	in aumento
te americane	-	61	-	"
ricane	-	52	-	"
ricane	-	40	-	"
ricane	-	43	-	"
ricane	-	890	-	"
1	-	446	-	"
2 italiana	-	516	-	"
	-	1.250	-	"
NUORO	-	-	-	-

35-T

TRANSLATION

From: H. of W.
To : LIA

Ref: 71553/16359
Date: 2/10/46

Subject: Material for chemical warfare.

In reply to

H. Q/135 dated 9/7/46.

To complete amendments as at 15th September to return of the 15th August 1946 regarding special ammo., which were forwarded on 19th September, we enclose those of the Home Arty Directorate which arrived late.

sgd. Campagna
Col.

R.F.G.

TO	1
A/Q	
Q	
C	
Q	
Q	
REMO	

H/10/46
RO

1811

A Q/135

VARIANTI ALLA SITUAZIONE MUNIZIONAMENTO A CARIC. SPECIALE DEL 15/8/946
 ALLA DATA 15/9/946. -

DENOMINAZIONE DEL MATERIALE ED ESISTENZE LO HA IN CARICO	Nebbiogeni e fumogeni No	Pum. Incendiati al fosforo No	VARIANTI
Direzione Artiglieria ROMA			
Bombe a canno inglesi	15 non si co- nosce la ma- teria con- tenuta nel l'involucro		in aumento
Bombe a mano inglesi NB	1		in aumento
Bombe a mano nebb. tedesche NB	220		in aumento
Bomba mortale da 50 inglese fumogene 2 MOR II	58		in aumento
Cartoccio granata nebb. tedesco da 75 TR verice bianca	2	217	in aumento
Granata inced. americana da 105 SMOKE			in aumento
Granata nebb. tedesca 150 NB	133		in aumento
Granata fum. americana da 155 SMOKE	1	18	in aumento
Scatole fumog. inglesi da 75	94		in diminuzione
" cilindrica da cm. 9x14 NBK39	32		in aumento
" " da cm. 16x49 NBK1	9		in aumento
Recipienti cilindrici da mm. 65x76 BESK	94		in aumento

TRANSLATION

34

FROM : Ministry of War
TO : M.M.I.A.

Ref: 64379/15135

Date: 18 Sep 46

SUBJECT: Chemical Warfare Equipment.

27

Ref: your Q.135 of 9 Jul 46.
Herewith amendments in respect of chemical warfare equipment
from 15 Aug 46 to 15 Sep 46.

Particulars from Arty Dir. of Rome are missing. They will be
forwarded as soon as received.

TO 200	
A/Q	
Q	
Q. 1	///
Q. 2	///
QED	—
REME	—

1009

93/9/26

Sgd - Col G. Campagna.

I.Q.135

331

TRANSLATION

FROM : Ministry of War

Ref: 62515/14431

TO : M.M.I.A.

Date: 7/9/46

SUBJECT : Chemical Warfare.

Ref and further to our 53882 of 30/8/46 we herewith forward
return in respect of special ammo concerning Arty Direction of Naples.

Sgd. For Chief of Section
T.Col. della Ragione.

1808

TO SEE	
A/Q	
Q	
Q. 1	
Q. 2	
Q. 3	
REME	

10/9/46
Rd

Q. 135

DIVISIONE A.M.C. SEZIONE C.

SITUAZIONE DEL MUNIZIONAMENTO A CARICAMENTO SPECIALE ALLA DATA 15 AGOS

DENOMINAZIONE DEL MATERIALE ED ENTE CHE LO HA IN CARICO	AD AGGRESSIVO	NEBBIOGENI = FUMOGENI (escluse quelle al fo- sforo)
	N.	N.
DIREZIONE ARTIGLIERIA NAPOLI		
Bomba mortaio da 81 (italiana)		64
Cartoccio -granata da 90/53 "		20

DIVISIONE A.M.C. SEZIONE C.

DEL MUNIZIONAMENTO A CARICAMENTO SPECIALE ALLA DATA 15 AGOSTO 1946

EL MATERIALE HA IN CARICO	AD AGGRESSIVO	NEBBIOGENI = FUMOGENI (escluse quelle al fo- sforo)	FUMOGENE -INCENDIARIE al fosforo	NOTE
	N.	N.	N.	
MERIA NAPOLI				
81 (italiana)		64		
ta da 90/53 "		20		granate trac- cienti -incer- diarie

327

TRANSLATION

From: M. of W.

Ref: 53882/11437

To : MMIA

Date: 22/7/46

Subject: Stores for chemical war.

Ref Q.135 of 9-7-46. — 27

Further to the above letter, we forward you the return of the chemical ammunition stored in the depots under our command.

This return has been obtained from the reports made by General Gerufi and by the Artillery Directorates. Since not all the Units have reported the changes which may have occurred, we will inform you concerning the above, as soon as next return on the 10th of August 1946 is received.

DAK

Campagna
Col.

TO SEE	
A/Q	✓
Q	RAE
Q. 1	—
Q. 2	—
ORD	—
REMO	—

1806

6/9/46
Ra

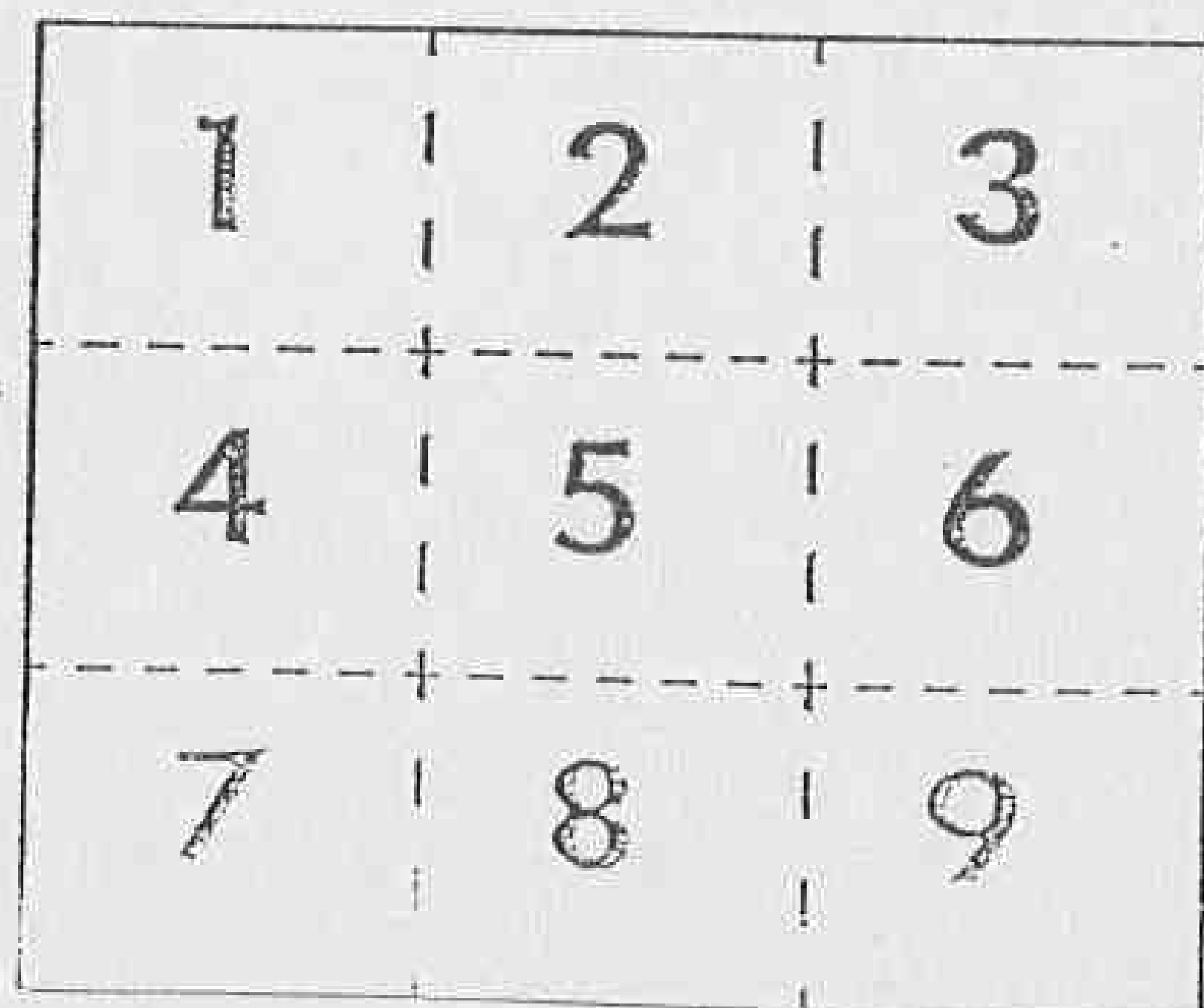
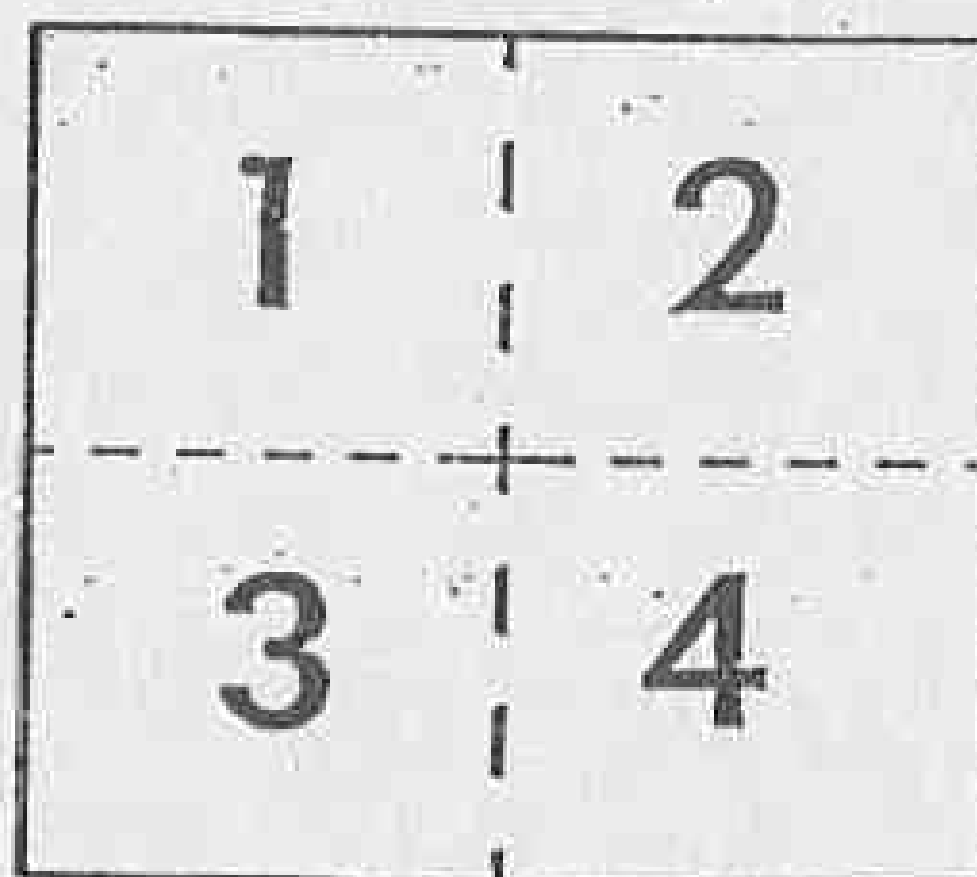
NPR
Hold reports
unless GMR
call for them

RAE

A 8.135

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.



S I T U A Z I O N E del munizionamento e armamento speciale - alla data 15 luglio 194

Denominazione del materiale e
ENTE che lo ha in carico

ad es. negativo

Abbioceni-fun-
coni (escluso
quelli al fosforo)

Pumogani-inc
dieri al fos

1. DIREZIONE ARTIGLIERIA - TORINO

- Granate da 100/17 mod. 32
- " " 75/13-27
- Bombe da 81 (francesi)
- " " 81 (francesi)

618

14.170

1.356
55

2. DIREZIONE ARTIGLIERIA - TRIESTE

N. U.

3. DIREZIONE ARTIGLIERIA - Verona

- Granate da 100 (francesi)
- Bombe da 81
- Bombe da 45
- Bombe a mano "Breda"

1.272

49

56

70

4. DIREZIONE ARTIGLIERIA - VENEZIA

- Granate da 105 (1)

20 (fosfori)

5. DIREZIONE ARTIGLIERIA - PIACENZA

- Granate da 210 } (1)
- " " 205 } (1)
- " " 152 } (1)
- " " 150 (tedesche)
- " " 149 (1)
- Bombe da 81
- Bombe da 45

40 (fosfori)

150 (fosfori)

40 (fosfori)

30 (fosfori)

2.500

420

34.000

6. DIREZIONE ARTIGLIERIA - BOLOGNA

- Cartocci granate da 75
- Granate da 75 WE
- " " 149/12
- " " 149/12 car. "S"
- Bombe a razzo
- Bombe da 81 e fumogene

470

59.200

3.291

1.343

424

489

7. DIREZIONE ARTIGLIERIA - ROMA

- Cartocci granate da 75
- Granate da 75
- " " 88
- " " 105
- " " "Blitz"
- Bombe fumogene da kg. 1
- " " " " 2 cilindrica
- " " " " 18
- " " " " 20
- " " diverse
- " " da 330

25

101
25

112

66

300

1.579

12

385

623

13

del munizionamento e armamento speciale - alla data 15 luglio 1946

Proiezione di	ad aggressivo	Proiettili-fumo cani (escluso quelli al fosforo)	Proiettili-inca dici al fosforo	TOTALE
PIA - TORINO				
7 mod. 32			1.356	
5-27			55	
incisi)	618	14.170		
incisi)				
PIA - ALESSANDRIA				
PIA - VERONA				
frangenti)		1.272		
		49		
		56		
		72		
PIA - VERONA				
(1)	20 (fosforo)			
PIA - PIACENZA				
	40 (fosforo)			
(1)	150 (fosforo)			
	40 (fosforo)	2.590		
edecche)				
(1)	30 (fosforo)	420		
		34.000		
PIA - BOLOGNA				
60 72	670	59.200		
		3.291		
cor. "B"		1.647		
		424		
02246		435		
PIA -				
75	25		101	
			25	
		112		
		66		
kg. 1		300		
" 2 collimatori		1.579		
" 15		12		
" 20		385		
verge		623		
380		13		

(1) già messo a disposizione dell'industria privata che li ha rifiutati. Saramonci-estrutti.

- Bombe a razzo
- Bombe da 81 e fumogene

424

485

Munizioni tedesche :

- Caricati proiettili da 75

25

- Granate da 75

101

- " " 88

25

- " " 105

112

- " " "Blitz"

66

- Bombe fumogene da kg. 1

300

- " " " " 2 cilindri piccoli

1.579

- " " " " 18

12

- " " " " 20

585

- " " "diverse"

623

- " " "da 380"

13

- Bombardieri

23

- Mine ussiblog. e fumog.

123

- " fumogene da kg. 20

233

- " " piccole

215

- Bombe incendiarie di vario

2

Munizionamento inglese :

- Granate da 75

25

- " " 65

32

- " " 75

16

- " " 75/22 con diottura in bianco

102

Munizionamento americano :

- Bombe da 100

22

- " " 81 per mortale

50

- " " fumate

19

- Spazzoni di vario

12

7. DIREZIONE ARTIGLERIA - FIRENZE

N. N.

8. DIREZIONE ARTIGLERIA - ROMA

- Granate da 149/35

10 (fumogene)

- Bombe "P.V."

4

- Bombe "Livens"

21

Grado da :

- Proiettili da 105/38

1.740 (inerte)

- " " 100/17 mod. 32

3.000

9. DIREZIONE ARTIGLERIA - NAPOLI

- Proiettili da 105

650

- " " 100/17 mod. 32

4.275

- " " 77/28

19.665 (ordini)

10. DIREZIONE ARTIGLERIA - BOLOGNA

N. N.

11. DIREZIONE ARTIGLERIA - MESSINA

orene		434 485		
25	25		1.01 25	
		112 66 300 1.579 12 385 623 13 23 1.23 233 215		
1				
" 2 allinowiel				
" 19				
" 20				
iverse				
380				
name.				
20				
cola				
di cereo			2	
ase :			29 32	
16	16			
in bianco	109			
ione :		22		
ortrino		19	50 12	
PI - FIRENZE				
PI - ROMA				
(2)	10 (rogene) 4 21			(2) In corso di alienazione.
1.740 (invite)		3.000		
mod. 32				
PI - ROMA				
mod. 32		650 4.275		
19.665 (cresine)				
PI - NAPOLI				
PI - MESSINA				

- Proietti 105/30		3.000	
- " " 100/17 mod. 32			
9. <u>DIREZIONE ARTIGIANERIA - NAPOLI</u>			
Proietti 105		650	
" " 100/17 mod. 32		4.275	
" " 77/20		19.665 (arsine)	
10. <u>DIREZIONE ARTIGIANERIA - NAPOLI</u>			
N. N.			
11. <u>DIREZIONE ARTIGIANERIA - MESSINA</u>			
- Granata 105/30			207
- " " 100/17 mod. 32		6.443	2.750
- " " 75 a grande cartocina			17.330
(2)			

Roma, 15 luglio 1946

34.32		3.000		
35		650		
		4.275		
36	19.655 (crimine)			
37				
38				
39				
40				
41				
42				
43				
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98				
99				
100				

207
2.750
17.330

(3) Le 5.500 Granaie del Deposito di Croce Gamin (Massina) segnalate dal Regg. Garuffi con relazione del 3/1/46, sono state distrutte: parte per brillamento e parte affondata in mare.

TRANSLATION

FROM M OF W.
TO M M I A

REF : 53882/11497

DATE : 30 aug 46

SUBJECT : Chemical Warfare Materials

your Q.135 of 9 Jul 46

Further to 53882/11497 of 21 aug 46 we forward herewith
return of ammo regarding Arty Dir of Venice and Taranto and the Detached
Arty Section of Nuoro.

The Arty Directorate of Naples has not yet sent their return
to this Ministry.

sgd. Lt. Col. A.DELLA RAGIONE

e.a.m.
2/9/46

Q.135

/gr

SITUAZIONE DEL MUNIZIONAMENTO A CARICAMENTO SPECIALE - ALLA DATA 1

Denominazione del materiale ed Ente che lo ha carico	ad aggressivo	nebbiogeni- fumogeni (escluse quelle al fosforo)	fumogeni ri al fosforo
9. Direzione Artigl. di Venezia			
Cart.gran.da 75 G americana			50
Gran.da 75 G id.			
Carica bomba aerea R.A. italiana		1000	
Bombe mortaio da 81 id.		48	
Cart.gran.da 75 a b.a. francesi		6577	
gran.da 75 a b.a. id.		29	
gran.da 105 a d.e. tedesca			29
gran. da 105 id. id.			
gran. da 105 id. 38 N.B. id.			17
gran. da 149 a b.a. id.			
idem idem id.			20
gran. da 88 inglesi			211
bombe da 81 italiane		18176	
gran. da 75 idem		16	
10. Direzione Artigl. di Taranto			
bombe a mano S.R.C.M. italiane		1072	
cart.gran.semiperf.incendiaria			
cal. 20 italiane			5240
bombe a mano F.I. id.			26
cart.gran.scopp.tracc. da 20			
tedesche			950
Cart.gran. perf.Rheinmetall inc.			
da 20 tedesche			1187
idem idem idem			209
cart.gran.c.a. idem idem			1284
cart.gran.semiperf. c;a. incend.			
italiana			712
bombe per mortaio da 45 idem		505	
gran. da 75/13-27 inc. idem			799
gran. a c.s. da 75 tedesche			19
gran. a c.s. da 75 idem			23
gran. da 75/13-27 italiane		44	
gran. da 77/28 idem	19.863		
bomba per mortaio da 81 idem		120	
bombe a p.c. per mortaio 81 idem		116	
gran. da 100/17 mod.32 idem		4275	
gran. da 100/17 mod.32 F.I.idem			947

ZIONE DEL MUNIZIONAMENTO A CARICAMENTO SPECIALE - ALLA DATA 15 AGOSTO 1946

ed	ad aggressivo	nebbiogeni- fumogeni (escluse quelle al fosforo)	fumogeni-incendia ri al fosforo	N O T E
ezia				
ericana			54	
id.			2	
italiana		1000		Oleum
id.		48		
francesi		6577		
id.		29		
tedesca			293	
id.			7	
id.			17	
id.			6	
id.			20	
inglesi			211	
italiane		18176		
idem		16		
ento				
italiane		1072		
liarie				
italiane			52400	
id.			266	
20				
tedesche			9507	
all inc.				
tedesche			11879	
idem			2093	
idem			12844	
incend.				
italiana			7120	
idem		505		
idem			7996	
tedesche			190	
idem			239	
italiane		44		
idem	19.863			Arsine
idem		120		
81 idem		116		
idem		4275		
L. idem			9475	

gran. a c.s. da 75	idem
gran. da 75/13-27	italiane
gran. da 77/28	idem
bomba per mortaio da 81	idem
bombe a p.c. per mortaio 81	idem
gran. da 100/17 mod.32	idem
gran. da 100/17 mod.32 F.I.	idem
gran. spolett.da 105	tedesca
gran. da 105/28	italiana

19.863

44

120

116

4275

19

11. Sezione Stacc.Artigl. Nuoro

Bomba a mano	italiana
idem mortaio da 45	idem
idem idem" 81	idem
gran.da 75/13 g.c.	idem
" 105/28	idem
gran. da 100/17 M.32	idem
gran. da 150	tedesche
idem" 100	idem
cart.proietto da 75	idem

243

115

156

36

1760

3000

947
6835
422
71

idem			239	
italiane		44		Arsine
idem	19.863	120		
idem		116		
81 idem		4275		
idem			9475	
I. idem			685	
tedesca				Oleum
italiana		19		
orc				
italiana		243		
idem		115		
idem		156		
idem		36		Oleum
idem		1760		
idem		3000		
tedesche			39	
idem			423	
idem			71	

TRANSLATION

FROM : M. OF W.

REF : 53882/11497

TO : MMIA

DATE : 21.8.46

SUBJECT: Chemical Warfare Materials

Your Q.135 of 9.7.46.

Further to your request in the above quoted letter we forward herewith returns of toxing ammunition existing in the dependents depots.

Some Artillery Directorate have not yet forwarded their returns. They will be sent as soon as received by us.

sgd. Col. G. CAMPAGNA

30

See 23

27

1802

IQ 135

(29)

Subject:- Chloropierin for Grain
Disinfestation.

Land Forces Sub Comd. A.C.
(M.F.I.A.)
R O R E
Q.135

25 July 48.

To :- UNRRA
Bureau of Requirements and
Distribution Sub-Bureau of
Relief Supply.

28.

Attached herewith is letter from Ministry of War on
a/m subject:

You are requested to inform this HQ whether production
of this insecticide is to be arranged or whether any further
action is to be taken by this HQ.

Copy to:- HQ AG.
Food and Agriculture Br
(your AGR 1.01 dated
1 July refers).

[Signature]
R.F. HYATT, Major,
for Major General,
M.F.I.A.

HTB/ab

1200

TRANSLATION

FROM: Ministry of War.

REF: 49146/DT

TO: M.M.I.A.

DATE: 20 July 1946.

SUBJECT:- Chloropicrin for disinfection
of grain.

Reference your letter Q.135 of 6th inst.

This Ministry does not possess any quantity of chloropicrin.

The sole industrial plant for the production of chloropicrin is to be found at Melegnano - at Industria Chimica Dr. Saronico - and is the property of the Military Administration.

Said plant is not readily workable, because it has been disused for a long time.

sgd. PROPERZJ
Gen.

R.A.S.

TO SEE	
A/Q	
Q	
Q. 1	<i>[initials]</i>
Q. 2	<i>[initials]</i>
QED	<i>[initials]</i>
REMR	<i>[initials]</i>

23/7/46
G
R2-

[Signature] 29

1799

A Q135

Subject:- Chemical Warfare Materials
of It. origin.

Land Forces Sub Comm. A.O.
 (M.W.I.A.)
 H O K E
 Q.135

To :- MINISTRY OF WAR.

9 July 46.

1. Attention is drawn to this HQ letter Q135 dated 16 April 46 of a/mentioned subject.
2. You are requested to forward soonest to this HQ the reports requested for the months of May and June 46 and you are reminded that subsequent reports should reach this HQ not later than the 22nd of each month.

NFE/ab

L.F. BYATT, Major,
 for Major General,
 M.W.I.A.

1798

REF: Chlorpyrifos for Grain Disinfestation.

LAND FORCES HQS COMMISSION A.C.

M.E.I.A.

H.O.M.S.

✓ 0.135

6 July 1948

TO : War Ministry

1. It may become necessary to employ other insecticides to supplement the available stocks of carbon disulphide for disinfestation of the grain stored during the forthcoming year. In the past large quantities of chlorpyrifos have been obtained for this purpose from the Italian Armed Forces.

2. You are requested to inform this Sub Commission as to the present stocks position of any chlorpyrifos under your control.

3. With reference to M.E.I.A. letter 0.135 16 April 46 destruction of this chemical will be suspended pending receipt of your reply.

*See 25
See 29.*

Ras
R.A. CARTER, Lt. Col.
for Major General,
M.E.I.A.

Copy to: U.S.A.R.A. (Div. Agriculture)
A.C. (Food and Agriculture Branch).

1797

See 28 T.

WAC/ra

RECEIVED 3 JUL 1946
2420

RRS/cc

HEADQUARTERS ALLIED COMMISSION
APO 794
FOOD & AGRICULTURE BRANCH

Lg 205

2 July 1946

TEL. 263

REF. AGR. 1.01

SUBJECT : Chloropicrin.

TO : Land Forces Sub-Commission
Allied Commission.

1. Attention is invited to the attached letter relative to the availability of chloropicrin for disinfection of stored grain.
2. It is requested that you reply directly to UNRRA about this matter sending us a copy of your letter.

Roscoe R. Snapp

ROSCOE R. SNAPP
Lt. Col. F.A.

Director Food & Agriculture Branch

Enclosures: 1 letter.

TO SEND	
A/Q	
Q	
Q. 1	
Q. 2	
Q. 3	
RENE	

Q 135
17965/7/46
RA
and
A-447

021100

BUREAU OF REQUIREMENTS AND DISTRIBUTION
Sub-Bureau of Relief Supply

25a

REFERENCE : RESUP/521.02/AGRIC

23 June 1946

TO : Lt. Col. Roscoe H. Snapp
Director, Food & Agriculture Branch
Allied Commission

FROM : Director, Division of Agriculture, Forestry & Fisheries

SUBJECT : Chloropicrin for Grain Disinfestation

1. As you are probably aware, it may become necessary to employ other insecticides to supplement the available stocks of carbon bisulphide for disinfestation of the grain ammassi during the forthcoming year. In the past large quantities of chloropicrin have been obtained for this purpose from the Italian Armed Forces. In the past two years great difficulty has been encountered in providing sufficient insecticides for use with stored grain and grain products, and it is believed that since chloropicrin is classed as a chemical warfare agent, the Italian Army stocks may have been partially or wholly destroyed.

2. It is requested that you obtain information from the Land Forces Sub-Commission as to the present stock position of any chloropicrin which may be under their control and any regulations which they may administer in connection with the distribution and use of this insecticide, so that we may be informed in the event that it is necessary to call forward additional insecticides for the purpose mentioned above.

FOR THE CHIEF OF MISSION

68 1795
J.R.G. Sutherland
Director
Division of Agriculture,
Forestry & Fisheries

cc: Bur. of R & D (2)
Sub-Bureau RESUP
Supply Sec, AGRIC
Statistics, AGRIC

SUBJECT: Disposal of Chemical Warfare Stores

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

R O M E

Q/135

17 April 1946

TO : Ministry of War

1. Reference General Artillery Directorate letter 26214/6223 of 11 April 1946.

2. Authority for the destruction at sea of the chemical warfare material mentioned in your letter under reference has now been given in this headquarters letter Q 135 of 16 April 1946, subject "Chemical Warfare Materials of Italian Origin".

JW
JOHN J. WARD,
for Major General
WMIA

Copy to: Q 131

1794

(53)

SUBJECT: Chemical Warfare Materials of Italian Origin.

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

R O M E

Q/135

16 April 1946

TO 1 Ministry of War.

1. All Italian Toxic Ammunition will be destroyed by dumping at sea in 250 fathoms of water, a minimum of 20 miles from the shore, and away from the shipping routes, fishing grounds, and submarine cables. If the transportation of any particular stock of gases is considered dangerous, it will be rendered innocuous in situ.

2. Phosgene or Diphosgene may be used by reputable concerns for use in the civil rehabilitation of ITALY. Such concerns will be subject to your inspection and control as may be desired by this headquarters.

3. You will compile a report as of the 15th of each month to reach this headquarters not later than the 22nd of each month, indicating the different types of toxic ammunition disposed of, method of disposal, place of disposal, and the quantity remaining for disposal.

4. Acknowledge receipt.

(K)
C. P. KERR, Colonel
for Major General
MMIA

1792

26
Apr 27

5951

MMA
22AALLIED FORCE HEADQUARTERS
APO 512

AG 386.3 Q(CEMS) -0

12 April 1946

SUBJECT: Disposal of Chemical Warfare Material of Italian Origin

TO : President
Allied Commission
APO 394
FOR: Land Forces Sub-Commission (AC), MMIA

RECEIVED
15 APR 1946
5340

1. Attention is invited to letter, your headquarters, file Q.135, dated 9 March 1946, and to the visit of Captain Ward to this headquarters on 12 March 1946.

2. Allied Force Headquarters letter, file AFHQ/5077/Q(CEMS), dated 24 January 1946, confirmed that Chemical Warfare material of Italian origin would be disposed of in accordance with Allied Force Headquarters letter, file AG 386.3 Q(AE) -0, dated 2 October 1945. The delay in complying with these instructions is not understood, and the Italian Ministry of War will be instructed that Chemical Warfare materials of Italian origin will be disposed of forthwith.

3. The draft letter attached hereto (inclosure 1) has been substituted for the letter delivered to this headquarters by Captain J. J. Ward of your headquarters. In this connection, it is emphasized that it is the responsibility of M.M.I.A. to insure that the disposal of all Chemical Warfare Ammunition proceeds without further delay, and that all plants and installations, whether military or civilian, engaged in the disposal of Chemical Warfare materials will be subject to inspection and control as deemed necessary by your headquarters. The draft letter attached hereto will be forwarded by you to the Italian Ministry of War.

4. It is regretted that Allied shipping and road transport are not available for this purpose, but this cannot be accepted as an excuse for delaying disposal.

5. A report compiled by the Italian Ministry of War as of the 15th of each month will be forwarded to reach this headquarters not later than the 20th of each month, to indicate the various types of Chemical Warfare materials disposed of during the foregoing month.

15-H-46
PO

4 Q135

Ltr, AG 386.3 Q(CENS), dated 12 Apr. 46, (Cont'd)

method of disposal, place of disposal and the quantity remaining for disposal. These reports will not be cumulative and will be "screened" by your headquarters prior to their dispatch.

BY COMMAND OF LIEUTENANT GENERAL MORGAN:

Ralph C. Tilley
RALPH C. TILLEY
Colonel, AGD
Adjutant General

1 Incl:
Draft of Ltr, to Italian
Ministry of War
from MIA

1791

DRAFT

5

April 1946

SUBJECT: Chemical Warfare Materials of Italian Origin.

TO : Italian Ministry of War.

1. All Italian Toxic Ammunition will be destroyed by dumping at sea in 250 fathoms of water, a minimum of 20 miles from the shore, and away from the shipping routes, fishing grounds, and submarine cables. If the transportation of any particular stock of gases is considered dangerous, it will be rendered innocuous in situ.

2. Phosgene or Diphosgene may be used by reputable concerns for use in the civil rehabilitation of ITALY. Such concerns will be subject to inspection and control as may be desired by this headquarters.

3. You will compile a report as of the 15th of each month to reach this headquarters not later than the 22nd of each month, indicating the different types of toxic ammunition disposed of, method of disposal, place of disposal, and the quantity remaining for disposal.

Major General,
LMAA.

1796

DRAFT

Encl #1

Subject : C.W. Material of Italian Army.

LAND FORCES SUB COM. A.C.
(M.M.I.A.)
ROME

Q. 135

3 March 1946

TO : A.P.H.Q.

Ref four AFHQ/5077/Q (GRMS) of 2 March 1946.

1. The Italian Ministry of War have now completed their plan for the disposal of C.W. Material, but as yet this plan has not been implemented. No C.W. material has yet been destroyed.

2. Owing to certain technical difficulties the Italian Ministry of War would like to send Maggiore GARUFI to visit AFHQ for inquiries of a technical nature.

3. We would like to discuss the War Ministry plan whilst he is there; because certain stocks in SICILY must be destroyed or dumped at sea before the end of this month or they will have to be deferred for a year for technical reasons.

4. Information is requested as to whether any allied facilities for dumping at sea can be extended to the Italian War Ministry.

5. Capt. J.J. WARD U.S. Army of the H.Q. will accompany Maggiore GARUFI who will arrive at AFHQ 12 March 1946.

RAC

R.A. CURTIS,
Lt. Col. B.A.

21

1. The Italian Ministry of War have now completed their plan for the disposal of C.W. Material, but as yet this plan has not been implemented. No C.W. material has yet been destroyed.
2. Owing to certain technical difficulties the Italian Ministry of War would like to send Magliore GARUFI to visit ARHQ for inquiries of a technical nature.
3. We would like to discuss the War Ministry plan whilst he is there; because certain stocks in SICILY must be destroyed or dumped at sea before the end of this month or they will have to be deferred for a year for technical reasons.
4. Information is requested as to whether any allied facilities for dumping of sea can be extended to the Italian War Ministry.
5. Capt. J.J. WARD U.S. Army of this U.S. will accompany Magliore GARUFI who will arrive at ARHQ 12 March 1946.

RAC
 R.A. CURTIS,
 Lt. Col. E.A.
 for Major General
 M.E.I.A.

BWB/lm

9/3
88

Subject: C.W. Material of Italian Army.

ALLIED FORCE HEADQUARTERS

TEL. NO. FREEDOM 971

AFHQ/5077/Q(CEMS)

2 Mar 46

To : Land Forces Sub-Commission, AC,
(M. M. I. A.)



Ref AFHQ/5077/Q(CEMS) dated 24 Jan 46.

1. It is requested that records as available in respect of the disposal of C.W. material be forwarded to this Headquarters.
2. In view of the importance attached to the disposal of C.W. material, it is desired that the records be forwarded to this Headquarters on completion of each disposal transaction.
3. It is desired that this Headquarters be advised by the 11 Mar 46 of the progress achieved in disposing of this material.

A. McLachlan
A. McLACHLAN, Major,
for Major General,
Chief Administrative Officer.

Copy to: G(SD) Ref - ESD/866/03 d/a 28 Feb 46.

AMcL/rac

Q1
Obtain from War Plan
Specimen Race

A 135

1788

4/3/46
5077/Q

TRANSLATIONFrom: M.of.WRef: #745/DTTo: M.M.I.A.Date: 1/2/46Subject: Phosgen For the Industry

From a census of chemical warfare material carried out by Major Garufi of this Ministry, further to M.M.I.A. orders, it appears that the quantity of phosgen available is of about 10 tons. The exact number of kilos can not be indicated because said phosgen is contained in shells underground and partly leaking. Anyhow we can assure you that the total quantity of phosgen available do not exceed 15 tons.

As no further availabilities of phosgen exists, no plans have been made in respect of said material.

R.E.Cpl

(Sgd) Gen. U. Russo

132
1787
4-2-46
RR

Subject : C.I. Material of Italian Origin.

LAND FORCES COM. A.C.
M.E.I.A.
R O M E
C . 135

1 February 46

To : A.E.H.C.

Ref para.4 of your AFHQ/5077/C(CMS) of 24 Jan 46.

Herewith additional copy of the list of Italian Chemical Warfare Material in respect of areas NORTH of ROME as requested by you in the above quoted letter.

S. H. BRADLEY,
Major General
for Major General
M. M. I. 4786

RWB/lm

To : A.P.H.3.

Ref para. 4 of your AFHQ/5077/Q (GEMG) of 24 Jan 46.

Herewith additional copy of the list of Italian Chemical Warfare material in respect of areas NORTH of HCMR as requested by you in the above quoted letter.

End

L. J. BRADLEY,
Major General
for Major General
W. H. I. 4786

WHE/lm

R/gw/p/s.

Subject: C.W. Material of Italian origin.

ALLIED FORCE HEADQUARTERS

TEL. NO. FREEDOM 971

AFHQ/5077/Q(CEMS)

24 Jan 46

RECEIVED 28 JAN 1945

To : Land Forces Sub-Commission, AG.
(M. M. I. A.)

Ref Q135 dated 17 Jan 46.

1. The policy for the disposal of chemical warfare material of Italian origin has been reviewed since this HQ letter ESD/920/2 dated 3 Oct 45 was circulated.
2. Such materials will now be disposed of in accordance with para 9 d of AFHQ letter AG 386.3 Q(AE)-O dated 2 Oct 45, and records of all disposals will be maintained, and forwarded, as required in para 11 of that letter.
3. It is necessary to ensure that material which can be used in the civil rehabilitation of the country, will be released only to reputable concerns. Disposal will be made having regard to any operational directives to the contrary, and to the maintenance of internal security.
4. ~~South~~ north The lists of Italian chemical warfare material in respect of areas south of Rome have not been traced at this Headquarters, and it is requested that an additional copy be furnished as soon as possible.

SEE 20
A. McLACHLAN, Capt
for Major General,
Chief Administrative Officer.

Copy to: G (SD) - ref ESD/920/2 d/d 22 Jan 46.

AMCL/rac

Subject : Disposal of Phosgene to Industry.

LAND FORCES THE COMM. A.C.

A.P.I.A.

S O N E

Q . 135

21 January 46

To : Ministry of War.

Info : Industry Sub-Comm. (Mr. Porokovitch) 15

Ref this H.Q. Q. 135 of 17 Jan 46.

1. It has been pointed out to this H.Q. by the Industry Sub-Commission that the maximum amount of Phosgene that can be absorbed by civilian industry this year is only 60 tons. It is possible, but very unlikely, that this ceiling figure may be raised to 100 tons.

2. It is further pointed out that a proportion of British and American Phosgene will be released to civilian industry under this quota.

3. Care must, therefore, be exercised that not more than 15 tons are released from GURR sources.

4. Please forwarded to this H.Q. your plan 1784 the disposal of any Italian stocks of Phosgene above the figure quoted in Para. 3 of this letter.

13

21 January 46

785020

To : Ministry of War.

Info : Industry Sub-Comm. (Mr. Dorkovitch) /5

Ref this H.Q. Q. 135 of 17 Jan 46.

1. It has been pointed out to this H.Q. by the Industry Sub-Commission that the maximum amount of Phosgene that can be absorbed by civilian industry this year is only 60 tons. It is possible, but very unlikely, that this ceiling figure may be raised to 100 tons.
2. It is further pointed out that a proportion of British and American Phosgene will be released to civilian industry under this quota.
3. Care must, therefore, be exercised that not more than 15 tons are released from SARA sources.
4. Please forwarded to this H.Q. your plan for the disposal of any Italian stocks of Phosgene above the figure quoted in Para. 3 of this letter.

End B.

E. W. BRADLEY,
Major Innists
for Major General
M. N. I. A.

22B/1a

21/1/46
R 112

Subject : Chemical warfare material - disposal of.

LAND FORCES SUB COM. A.C.
M. V. I. A.
R O W E
Q. 135

12 January 46

To : C.H.Q. C.M.P.

Ref attached letter from Italian Ministry of War.

Please confirm that para 9(d).2 of your AG 186.3 Q(AE)-0 of 2 Oct 1945 applies and NOT para 9(n).3 of the same ref. since the materials referred to are neither Phosgene or Diposgene.

Spil
R. T. BRADLEY,
Major Innicks
for Major General
M. M. I. A.

1783

EWB/LM

12 January 46

To : G.H.Q. C.M.F.2727/1000
1197

Ref attached letter from Italian Ministry of War.

Please confirm that para 9(d).2 of your AG 386.3
Q(AE)-O of 2 Oct 1945 applies and NOT para 9(d).3 of the
same ref. since the materials referred to are neither
Phosgene or Diphosgene.

G.H.Q.

E. F. BRADLEY,
Major General
for Major General
H. H. I. A.

1783

EWB/lm

17/1/46
1783

Subject: *Diagnoses of Diseases to Industry.*

LAM, ROBERTS AND GIBB, A.C.
W. J. A.
R. C. G.
G. 135

17 January 1985

Co
: History of War.

Ref: your 53691/1003 of 19 Feb 15,

You are authorized to arrange for the extraction of Thorgens from contraband held in depots under your control, and for its disposal to the Italian Pharmacological Industry.

Copy to : Treasury Department

2. W. BRADLEY,
Major Tanleke
for Major General

60
100
Tons
Packing
1952

2007/7

Hydrobates

17 January 45

To : Ministry of War

Ref year 51620/1003 of 19 Dec 45.

You are authorized to arrange for the extraction of persons from contrabands held in depots under your control, and for its disposal to the Italian Pharmaceutical Industry.

W.B.

R. W. MARRILL,
Major Innkeeper
for Major General
W. G. I. A.

Copy to : Industry Sub-Committee on

60 1000 conf comm
to 100 1000 conf comm

W. G. MARRILL
Major Innkeeper

200/10

W.B.

17/1/45

17/1/45

Subject : Disposal of Italian CW Material.

LAND FORCES HQ GOMM.A.C.
M.E.I.A.
R O W E
Q. 135

17 January 45

To : S.H.Q. C.E.F.

Ref your SMD/920/2 of 3 Oct 45.

1. Attached is the final list of Italian CW Material submitted by the Italian Ministry of War. This list applies to all areas south of Rome. The lists for areas north of Rome have already been submitted.

2. May disposal instructions as per para. 5 of the above quoted letter now be issued to this H.Q.

SpB.

B.E. BRADLEY,
Major General
for Major General
M.E.I.A.

1781

EWB/15

R/m

17 January 46

To : C.I.C. U.S.A.

Ref your BDP/920/2 of 3 Oct 45.

1. Attached is the final list of Italian CW Materiel submitted by the Italian Ministry of War. This list applies to all areas south of Rome. The lists for areas north of Rome have already been submitted.

2. My disposal instructions as per para. 5 of the above quoted letter now be issued to this H.Q.

Sp. B.

W. T. BRADLEY,
Major General
U.S. Army

4781

BWB/2m

R/ 17/1/46

GENERAL HEADQUARTERS

CENTRAL MEDITERRANEAN FORCES

ESD/521

Q. 14 Jan 46

SUBJECT : Disposal of Phosgene Gas to Industry.

TO : Allied Commission, Land Forces Sub-Commission (MIA)

COPY TO : G(Ops)
Q

Your letter Q 135 of 5 Jan 46.

1. This Headquarters has no objection to the Italian War Ministry extracting phosgene from gas bottles, bombs and artillery shell for the purposes shown in the letter under reference. Authority is therefore given for this project.

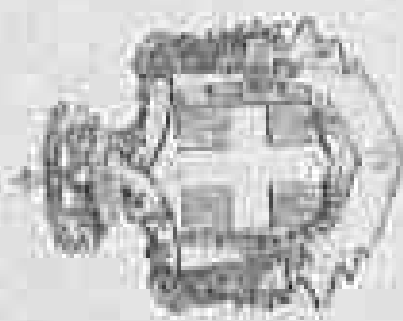
2. Your attention is drawn to para 9(d) of this Headquarters AG 386.3Q(AE)-0 of 2 Oct 45.

AAH/hn/G(SD)

A. D. Ward
for A.D. WARD,
Major General,
Chief of General Staff.

Q 132
1780
17/1/46
P.O.

204



Ministero delle Comunicazioni
Direzione Generale Artig. e Motoris.

Divisione Tecn. A. S. 3
Prot. N. 449 del 11/10/1911

L'Espresso
 1997.1.4.49
 Allegato 1 relazione

OGGETTO

Commissione d'inchiesta.

TO
COMM. SEC. 1
CHINA CHINESE.
Board for the inspection of chemical warfare materials.

—

forward toward a copy of the returns of states of chemical warfare materials (weapons, shells bombs etc) in all the arming & factories of Europe (including the islands) - together with some relative hypotheses & considerations.

0. 11. 11. 15. 19. 23.

W. K. P.

Tharrell & Co

1930
1931

6/21/2011

Board for the inspection of Chemical Warfare materials.

we forward enclosed, a copy of the return of stock
of chemical warfare materials (weapons, shells,
bombs etc) in all the Artillery Divisions
of the Army (including the islands) together with
due suggestions and considerations.

R. IL MINISTERO

Altoppi

R 10/1/46

Transalte

Roberty

Transalte appendice

Priority 2

gjb

1430

1414/19

1500

1411

2135

lists regarding the chemical warfare materials being
 Specchi relativi alla giacenza di materiali chimici
 (proiettili bomba ecc.) *in all the lists.*
 Direzione south of Rome
 Direzione di Artilleria e Sud di Roma.

the quantities of the materials mentioned in the end of list
 N.B. - I quantitativi dei materiali di cui gli specchi
 allegati sono suscettibili *can be changed and modified because the*
 Direzione *continues the collecting of above materials.*
 presso la Direzione di Artilleria continuano i
 rastrellamenti.

Roma 14 9 gennaio 1946

378

L'Ufficiale incaricato

(Maj. G. Garofoli)

Mag. G. Garofoli

incassato

*Richiesta 2
 2/10/46*

DIREZIONE ARTIGLIERIA DI NAPOLI
Sezione Staccato Art. di Cosenza
Detached Artillery Bty. of Cosenza

List no. 1
Speeches N. 1

Depot of S. Valentino Torio (Salerno)
Deposito di S. Valentino Torio (Salerno)
Mustard gas transported to Civitatecchia
(transportata a Civitatecchia)
smoke - liquid
- liquido nebulogeno

Fusti barely N. 25
Fusti " " 61

Depot of Castroville
Deposito di Castroville

Signals, smoke signalling - smoke
- fumate da segnalazione

red
rose
white
bianche
green
verde
orange
arancione
violet
violetto

" 1550
" 2350
" 2033
" 2550
" 1650
" 135

smoke - candle
- candele di fumogeno

Depot of Sanarresta
Deposito di Sanarresta (Cosenza)

candle R with CAF - 5 Kilo
- candele " R " di CAF da kg. 5
" " " " 2 Kilo
- candele " R " di CAF da kg. 2

Candle, lamp
- candele " R " with CAF
- candele " R " di CAF

candle N with DCA and T4 5 Kilo
- candele " N " di DCA e T4 da kg. 5
candle N with DCA and T4 5 Kilo
- candele " N " di DCA e T4 da kg. 5
candle " Y " di DCA e T4 da kg. 2

17.7
" 410
" 200
" 308

Depot of J. Valentini Tours (Salerno)
 Depot of S. Valentini Tours (Salerno)
 Muriat's gas
 - smoke - liquid
 - liquid

25
 61

Depot of Castrovillari

Depot of Castrovillari

Signals, smoke signalling - smoke

Smoke signalling - smoke

red
 white
 green
 orange
 violet

1550
 2350
 2033
 2550
 1050
 135

smoke - candle

Depot of Serrastretta

Depot of Serrastretta (Cosenza)

candle R with CAF - 5 Kilo

candle " R " 41 CAF 48 Kg. 5

" " " " 2 Kilo

candle " R " 41 CAF 48 Kg. 2

big candle " R " with CAF

candle " R " 41 CAF 48 Kg. 5

candle N with DCA and T4 5 Kilo

candle " R " 41 CAF 48 Kg. 5

candle N with DCA and T4 5 Kilo

candle " R " 41 CAF 48 Kg. 2

candle N with DCA and T4

candle " R " 41 CAF 48 Kg. 2

smoke liquid

liquid nitrogen

200
 322
 410
 200
 308
 300
 450

continuation of list no. 1

Reg. Rep. N. 1

Mixture Y D + FDA 50
 - miscela "Y" D. + FDA 50)
 " Y D
 - miscela "Y" D.
 " Y T.
 - miscela "Y" T.

Es. 14.220
 " 424
 " 430

Notes and proposals

Considerazioni e proposte

The smoke-liquid can be used for the lowest

a) - il liquido nebbiogeno può essere impiegato
 come agente di fumigazione
 per la lotta contro le cavallette in Sardegna.

The aggressives (mustard gas and YD + FDA) the candles
 and big candles aggressives (CAF and PCA + T₄) if they their use
 is not considered, can be sold
 to civilian industries for reemployment.

utilizzabili.

the smoke-big candles, if their use is not considered
 can be destroyed on the spot burning them -
 visto l'impiego possono essere distrutti sul
 posto bruciandoli.

the signalling candles can be given to Air Force -
 le fuste di segnalazione possono essere date
 all'Aviazione.

17:6

Anty. Directorate of Arants

DIREZIONE, AMMINISTRAZIONE E TRATTAMENTO

list n. 2

Such is W. S.

Deposita di Ecce Report of Lecce

Liquido nebbiogeno nuvole - liquid
Report of Acquasina della Fonte (Bari)

Dept of Acquaria delle Fonti (Bari)

Y + FOA
 - Candelotti "R" big candles "R"
 - Candelotti "R" 5 Kilos
 - Candelotti "R" 2 Candles CAF 2 Kilos
 - Candelotti "R" 5 Candles DCA 5 Kilos
 - Candelotti "R" big candles with DCA

11.960
 525
 270
 354
 219
 254

Depot of Brindisi

- shells 77/20 m/m containing arsine
 - shells 100/17 m/m 32 m/m generators
 - shells 105 m/m generators (germans)

12.663
 4.675
 650

Notes and parcels

Condizionamenti e

The liquid ~~for~~ ^{lowest} mode can be used in the campaign ~~of~~ in Berlin

a) - il liquido nebbioso può essere impiegato per le lotte contro la cavalleria in Germania.

b) - The aggressive (Y and Y + FOA) the andly and aggressive big candles (CAF and DCA) if they are not anticipated can be sold 7.5 per unit of payment to civilian industries for being reused.

c) - The shells 77 m/m containing arsine must be deprived of the covers containing the aggressive and the ~~aggressive~~ in interest. These that must be destroyed, saving the shell case the marks. These can be emptied on the spot and the shell case can be salvaged.

d) -

DIREZIONE ARTIGLIERIA DI MESSINA

Arty Directorate of Messina

List no. 3
Specchio N. 3Depot of ~~the~~ Camps Italia

Deposito di Campo Italia

Shells	75 m/m	smoke and incendiary	
- granate da	75 a 500	fumogene incendiaria	
Shells	100 mod. 32	(fosforo) (phosphorus)	
- granate da	100 mod. 32	smoke and incendiary	
		fumogene incendiaria	
Shells	100 mod. 32	(fosforo) (phosphorus)	
- granate da	100 mod. 32	smoke-penetrating	
		fumogene	

N. 5993

" 2750

" 4443

Depot of Gaggi

Deposito di Gaggi

Shells	105/28 m/m	smoke and incendiary	
- granate da	105/28	fumogene incendiaria	
		(fosforo) (phosphorus)	

" 207

Deposito di Vittoria

Depot of Vittoria

Shells	75 m/m	smoke - incendiary	
- granate da	75 a 500	fumogene incendiaria	
		(fosforo)	
Shells	100 m/m mod. 32	smoke - penetrating	
- granate da	100 mod. 32	fumogene	

" 11337

" 2000

Depot of Villaggio

Deposito di Villaggio

Smoke-penetrating candle			
- candele fumogene			

" 1282

Depot of Monte dei Centri

Deposito Monte dei Centri

Smoke - candles			
- candele fumogene			
Smoke - big candles			
- candele grandi fumogene			

174

" 1040

" 3050

Depot of Forte Ogliastro

Deposito di Forte Ogliastro

- granate da 100 mod. 32 fumogene incendiaria	"	2750
shells 100 mod 32 (fosforo) (phosphorus)	"	4443
- granate da 100 mod. 32 smoke-generators		
<u>Depot of Gaggi</u>		
Deposito di Gaggi		
shells 105/28 m/m smoke and incendiary		
- granate da 105/28 fumogene incendiaria	"	207
(fosforo) (phosphorus)		
<u>Deposito di Vittoria</u>		
Depot of Vittoria		
shells 15 m/m smoke - incendiary		
- granate da 15 g.c. fumogene incendiaria	"	11337
(fosforo)		
shells 100 m/m mod 32 smoke - penetrating	"	2000
- granate da 100 mod. 32 fumogene		
<u>Depot of Villagrazia</u>		
Deposito di Villagrazia		
smoke-penetrating candles		
- candele fumogene	"	1282
<u>Depot of Monte dei Centri</u>		
Deposito Monte dei Centri		
smoke-candles	17% 1/2	
- candele fumogene	"	1040
smoke-big candles, large	"	3050
- candelotti fumogeni		
<u>Depot of Forte Ogliastro</u>		
Deposito di Forte Ogliastro		
smoke candles		
- candele fumogene	"	255
smoke big candles, large	"	1175
- candelotti fumogeni		
<u>Depot of Forte Jonsaga</u>		
Deposito di Forte Jonsaga		
smoke candles		
- candele fumogene	"	180
smoke big candles	"	150
- candelotti fumogeni		

Continuation of List m.3
segue Specchio N. 3

Depot of Vietnams

Deposito di Pietrarsa

smoke candles

- candele fumogene

Depot of base candle

Deposito di Croce Camia

shells 149 and 105 with mustard gas interred

- granate da 149 e 105 ad iprite -interrate -

N. 234

" 5500

Notes and proposals

Considerazioni e proposte

The shells 75 100 105 m/m smoke-generating

Le granate da 75 da 100 e da 105 fumogene incendiary (phosphorus) can be sent to the incendiary (fosforo) si possono fare affidare

proper Facing

presto apposto stabilimento (S. 7. P. A.) per

that be emptied and phosphorus be salvaged ~~shells~~ and also

lo scarico e recupero del fosforo, nonché

the empty shell-cases

dei proiettili vuoti.

The shells 100 m/m smoke-generating, if the use

Le granate da 100 fumogene, qualora non se ne

is not anticipated, can be emptied on the spot

previene l'impiego possono essere scaricate

salvaging the shell-case -

sul posto recuperando il vuoto.

Can also be used

Can also be used

The candles and big candles smoke-generating, if the

Le candele e candele grandi fumogene, qualora non

use is not anticipated, can be destroyed and burnt on

use is not anticipated, can be destroyed and burnt on

Shells 149 and 105 with mustard gas interred
- Granate da 149 e 105 ad Iprite - interrate -

" 5500

Notes and proposals

Considerazioni e proposte

The shells 75 100 105 m/m smoke-generating

e)- Le granate da 75, da 100 e da 105 fumogene incendiarie (phosphorus) can be sent to the inceneritore (Londrina) si possono fare affidare proper factories in order that be emptied and phosphorus be sold as shells and also the empty shell-cases del progetto vuoti.

b)- The shells 100 m/m smoke-generating, if the use is not anticipated, can be emptied on the spot salvaging the shell-cases - sul posto recuperando il vuoto.

c)- The candles and big candles smoke generating, if the use is not anticipated, can be destroyed and burnt on the spot - sul posto bruciandole.

d)- Shells 105 and 149 m/m containing mustard gas can be destroyed on the spot - sul posto distruggendole.

more.

- make - preventing big and
 - tear - candles with CAF Kilos 2
 - candles with D.C.A. and T4 Kilos 2
 - candles with D.C.A. and T4 Kilos 5
 - candles with D.C.A. and T4 Kilos 5
 - candles with D.C.A. and T4 Kilos 5
 - candles with D.C.A. and T4 Kilos 5
 - candles with D.C.A. and T4 Kilos 5

Notes and proposals

- a) - The shells 100/17 made - preventing, if their use is not anticipated, can be emptied on the spot releasing the shell - waste.
 b) - The shells 105/28 with mustard gas must be destroyed having them in the sea.
 c) - The mole - liquid can be used in the local industry in the area of the sea.
 d) - The aggressives (YD + FDA), the candles and big candles can be used in the local industry in the area of the sea.

1782

TRANSLATION

FROM: Ministry of War

REF: 2727/AMC

TO: M.M.I.A.

DATE: 11.1.46

SUBJECT: Chemical warfare weapons and devices.

In the depots under the command of this Ministry, there are, in addition to the specially charged projectiles already notified, large quantities of chemical warfare weapons and devices (tear and irritant gas bombs) which are shown on the report compiled by Major G. Garufi following his inspection of the Depots located North of Rome.

There are also numerous weapons of this kind in the Depots South of Rome and in Sardinia.

These weapons consist of a sheet metal body containing the solid chemical substance (chloroacetophenone, diphenylchloroarsine, or adamsite) mixed with an explosive (T.4, nitrocellulose, or nitrate of ammonia) which served as a combustion agent. The body also contains the primers for the ignition of the weapon.

17,1

This material, which is in cases, is occupying useful space in our depots, and, in view of the thinness of the sheet metal body, is subject to rapid deterioration with the escape of the contents and consequent contamination of the surroundings in which it is

Major G. Garufi following his inspection of the Depots located North of Rome.

There are also numerous weapons of this kind in the Depots South of Rome and in Sardinia.

These weapons consist of a sheet metal body containing the solid chemical substance (chloroacetophenone, diphenylchloroarsine, or adamsite) mixed with an explosive (T.4, nitrocellulose, or nitrate of ammonia) which served as a combustion agent. The body also contains the primers for the ignition of the weapon.

17:1

This materials, which is in cases, is occupying useful space in our depots, and, in view of the thinness of the sheet metal body, is subject to rapid deterioration with the escape of the contents and consequent contamination of the surroundings in which it is stored.

Since the chemical and explosive contents could be used in industry - as could also the sheet metal body - for subsequent works, and with the object of lightening the depots and removing a source of danger, we beg of your Mission to kindly authorize the sale or removal out to sea and sinking (for the u/s materials), of the weapons in question.

O. Danin Cpl.

Sgd. RUSSO

Gen.

0133

Subject:- Disposal of Phosgene to Industry.

Land Forces Sub Commission A.C.
(M. M. I. A.)
ROME,
Q.135.

6 January, 1946.

To:-
G.H.Q.
C.M.F.

1. War Ministry request authority to extract phosgene from gas bottles, bombs and artillery shells, held in their stores, for the purpose of selling it to the Italian Pharmaceutical Industry, who require it for the preparation of various pharmaceutical products.
2. Could this H.Q. please be advised whether there is any objection in granting the War Ministry their request. Your AG 470.6/155 GGT-C of 14 Apr 45 refers.

4 *Q/2/8* *Adm.*
R.A. CURTIS Lt. Col.
for Major General,
M. M. I. A.

JL/c-m

1770

(9)

Subject:- Disposal of Phosgene to Industry.

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

Q.135.

31 December 1945.

To:- A.C. for Industry Sub Commission

Reference the attached original letter from the War Ministry (which please return), it is proposed to reply in the terms of the attached draft. Have you any comments?

RAC

R.A. CUMTIES Lt. Col.
for Major General,
M. M. I. A.

RAC/pen

1789

Subject : Italian Chemical Warfare Material.

LAND BOMBING SUB CORP.A.C.
M.I.A.
R.C.P.E.
C/125

1 Dec 45

To : Ministry of War.

Ref.my C/23/3 of 11 Oct.:

A report has been submitted on the chemical warfare stores in existence North of Florence. A similar one is now required for the South.

You are requested to send Major Garrufi - not later than December 5th - to inspect all depots in Sicily particularly the one at Croce di Guni.

Please ensure that a suitable staff-car is put at this Officers' disposal, so that this inspection may be carried out with the least delay.

R.A. CURTIS, M.C. 798
for Major General
M.M.I.A.

AMP/lm

20 Dec
Add amts at Folio 7
to report submitted
on above.

from: M of .

to: MMIA

Subject: Italian materials for chemical warfare.

Translation

ef. 52258/971/AMC

12 December 1945

We inform you that the following materials are stored in the ammunition depots under the command of Bologna Arty Directorate ~~further~~ in addition to the shells reported with letter 45768/819 dated 8 November 1945 :

-shells, mm75, British, charged w/special liquid	16
-bombs, tap, J type, charged with opacite	424
-bombs, smoke, cylindric, Egs 2, German	1579
- " " " " 20, "	385

Campagna

c/u

14/12 R
6P.

9.135

1767

A35

ARMED FORCES SUB COMMISSION,
A. G. (M. M. I. A.)
H O N E
Q/23/1
18 May 1945

SUBJECT: Chloro Sulphonic Acid

TO : MINISTRY OF WAR

1. Heraby released to the Instituto Chimico Farmaceutico Militare, Florence, for the manufacture of alpha drugs for the Italian Armed Forces are stocks of Chloro-Sulphonic Acid (liquid smoke) located as follows:

Altamura (Bari)	Kg.	18450
Acquafredda delle Fonti (Bari)	Kg.	3060
Sorreatrota (Catanzaro)	Kg.	30850
Total	Kg.	51760

2. Please advise the Artillery Directorates concerned to prepare above for rail shipment. Further movement instructions will come from Medical Section, this headquarters.

JOHN J. WARD, 1st Lt.
For Major General
M. M. I. A. 1706

Copy to: ARMS, UNIA
UNIA 1/3, 84 Area
UNIA 1/3, Naples
Q/23/10 file

See 440

See (8T) - 135

Translation

From H. of W.

To H.M.A.

Ref. 53622/1003

Date 19/12/45.

Subject Phosgene.

We have received a request from the Italian Pharmaceutical industry, who are in great need of it, to purchase phosgene.

This substance is largely used in the preparation of various pharmaceutical products derived from urea (veronal, luminal, urethane ethyl) and as intermediate chlorinating products.

It used to be purchased from the Central Italian Industry, from the establishment at Bussi (Pescar) which is now idle.

In accordance with that ordered by you concerning the issue of chloro sulphonic acid to the Mil. Phar. Chem. Institute at Florence for the production of sulphur drugs in letter Q/23/I dated 18/5/45; we suggest that the issue be authorised from phosgene at present held in stores under our command, contained in gas bottles, bombs and art. shells.

DAK

Medical Branch

Land Forces Sub Commission
A.C. (MMFA)

P.G. Properzj.

Seen

D.S.

File Ref

Date Received

1765

32 1/2
R.P. attached
555 150 135 800
9

TRANSLATION

FROM: Ministry of War

REF: 45671

TO: M.M.I.A.

DATE: 10.11.45

SUBJECT: Inspection commission for chemical warfare
stores.

- 1) - We forward herewith a copy of the returns of the stocks of chemical stores (shells, bombs, etc.,) held by all the Artillery Directorates north of Rome, with relative proposals and considerations.
- 2) - We return 2 passes issued by H.Q. 2 District of Milan to Major Garufi and Chief Technician Alessio at the time of their tour of inspection in the North.

Sgd. RUSSO

Gen.

1764

O. Danin Cpl.

*ad R.
bp*

Q. 135

TRANSLATION

FROM: Ministry of War

REF: 46504/AMC

TO: M.M.I.A.

DATE: 12.11.45

SUBJECT: Chemical inspection of the explosives
at Lampedusa.

Will you kindly inform us of your decisions with regard to the sending to Lampedusa of a chemical officer to carry out a chemical examination of the explosives stored in the depots on the island.

This authorisation has already been requested with this Ministry's letter No.36548 of 21.9.45.

23/11-30

Sgd. RUSSO

Gen.

1763

O.Danin Cpl.

NAT RAE Q.135

TRANSLATION

From : M of War

Re : 49525/873

To : NMIA

Dtd : 17 Nov 45

Subject : Italian Chemical Warfare Materials.

4T

Further to letter No. 45762/819 dtd 8 Nov 45.

We hereby communicate that, in addition to the shells already pointed out in letter No. 41324/711 dtd 15 Oct 45, the following materials are stored in the Depots of the Artillery Directorate of Taranto:

Ba 2 (Carafa) Brindisi : 9.475 bombs (100/17 mod.32+FIG)
loaded with phosphorous, in finest condition.

Ba 13 (Serro) Taranto : 3.993 incendiary smoke bombs (75/13)
weighing 5.400 Kgs each, in finest condition.

4.000 incendiary smoke bombs (75/27)
weighing 5.400 Kgs each, in finest condition.

658 smoke bombs (105, German), in finest condition.

Sgt. Col. G. Campagna.

P. 135

Translation

From M. of W.

To M.M.I.A.

Ref 48352/889

Date 21/II/45

Subject Italian Materials for Chemical Warfare.

We inform you that, at the Art. Depot of Siliqua (Sardinia), under command of the Independent Art. Section of Nuoro, besides the shells reported in para. 2 of letter 41324/7II dated 15/IO/45, there are also:

- 3.000 - 100/I7 shells, mod. 32 without fuses, Zinc "Smokeshell" type with black painted band, seal D.A.B. 937, in good state of preservation.

DAK

G. Campagna.

Q. 135

17.1

24/II
R,
B.

From: M of W
to: MMIA

Translation

ref. 45768/119
8 November 1945

Subject: Italian materials for chemical warfare

Bologna Artillery Directorate report the existence of the following materials:

- Smoke shells, cal.75, w/out fuse	59.200
- Oleum shells, "149/12, " "	3.291
- " " "149/12 " "	1.643
- special German shells, cal.75 charged with special liquids	25
- Japanese shells, cal.75/28 charged with special liquids	109

Campagna

SEE 4T

See 7T

Q135 1700

MINISTERO DELLA GUERRA

DIREZIONE GENERALE ARTIGLIERIA E MOTOCORRELAZIONE

-Divisione Tecnica-

TRA	1000
IN	Date 29/11
OUT	Time

list of the stocks of chemical warfare stores

Specchi relativi alla giacenza di materiali chimici

(Stelle, bombas, etc.) held in all the

artillery Directorates north of Rome.

Direzioni di Artiglieria a Nord di Roma.

N.B. - The quantities of stores shown in the attached lists are subject to alteration since they are susceptible of variations in quantity collecting up to still going on at the Artillery Directorates.

TRA	1000
IN	Date 29/11
OUT	Time

list of the stocks of chemical warfare stores

Specchi relativi alle placenze di materiali chimici

(Shells, bombs, etc.) held in all the
artillery Directorates north of Rome.
Direzioni di Artilleria a Nord di Roma.

The quantities of stores shown in the
attached list are subject to alteration since
the quantities are subject to variation in quantity
collecting up is still going on at the Artillery
Directorates.
Direzioni di Artilleria a Nord di Roma.

Rome 11 4 novembre 1945

L'Ufficiale incaricato

(M. S. Garuti)

[Signature]

[Handwritten note: (all d.s.)]

[Handwritten note: Prov. II. 29]

SEZIONE DI ARTIGLIERIA DI CANTINO

SPECCHIO N° 1

Ammo. Depot of

Deposito Munizioni di Bobbio P.

Incendiary smoke shell 100/17 mk.32

grenate da 100/17 mod.32 fumogene incendiarie N° 1356

Deposito Munizioni di Lombardore

81 mortar smoke bomb - francesi type

bombe da 81 mortalo da 81 fumogene "francesi"

" 10372

81 smoke bomb - francesi

bombe da 81 fumogene "francesi"

" 3736

Rivaltomaggiore Ammunition Depot

Deposito Munizioni di Rivaltomaggiore

Smoke incendiary Bomb 75/13-24

grenate da 75/13-24 fumogene incendiarie

" 55

Sangano Ammunition Depot

Deposito Munizioni di Sangano

81 bombs loaded with gas - francesi

bombe da 81 gasiche ad aggressivo "francesi"

" 618

81 bombs (smoke) - francesi

bombe da 81 fumogene "francesi"

" 60

Notes and proposals.

Considerazioni e proposte

Le 100/17 bombs mod 32 and 75/13-24 incendiary smoke

a) - Le grenade da 100/17 mod.32 e 75/13-24 fumogene incendiarie (phosphorescent) can be sent to the proper establishments (S.P.F.F. 6) for the unloading and recovery of the phosphorus as well as the empty shell. (S.P.F.F. 6) per lo scaricamento e recupero del fosforo, nonché del

proiettile vuoto.

Le 81 "francesi" bomb - smoke - can be unloaded

b) - Le bombe da 81 "francesi" fumogene possono essere scaricate sul posto recuperando il vuoto. on the spot, recovering the empty shell.

c) - Le bombe da 81 "francesi" bomb can be disarmed by drawing them at sea. essere disattivate mediante affondamento in mare.

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DIREZIONE DI ARTIGLIERIA DI TORINO

SEZIONE STACCATI DI

ALESSANDRIA

Specchio N° 2

Rozzolo Torinaggio Ammunition Dept.

Deposito Munizioni di Pozzolo Formigoso

<u>Smokes Liquid</u>		<u>Candles</u>	
- liquido nebbiogeno		Fusti n° 91	circa Kg. 45.000
- candele with C.A.F.	type Vico	N°	150
- candele al C.A.F.	tipo Vico	"	95
- candele with C.A.F.	da Kg. 5	"	175
- candele al C.A.F.	da Kg. 5	"	27
- candele with C.A.F.	da Kg. 5	"	254
- candele al C.A.F.	da Kg. 5	"	86
- candele with C.A.F.	da Kg. 5	"	1.070
- candele al C.A.F.	da Kg. 5	"	110

Notes and proposals
Considerazioni e proposte

- a) - The smoke liquid can be use for the
il liquido nebbiogeno può essere impiegato.
compagnie against the South in Sardegna
per la lotta contro le cavallette in Sardegna.
- b) - The candles and lie candles loaded with gases (C.A.F.)
le candele e candele caricate con gas (C.A.F.)
D.C.A.A. can be used on replacement to the
D.C.A.A. candles not seen private industry
possono essere ceduti a movimento alla
can not be found for them.
strie private per rilavorazioni.

- candles with C.A.F. type Vico	No	150
- candles with C.A.F. type Vico	"	95
- candles with C.A.F. type Vico	"	175
- candles with C.A.F. type Vico	"	27
- candles with C.A.F. type Vico	"	264
- candles with C.A.F. type Vico	"	86
- candles with C.A.F. type Vico	"	1,070
- candles with C.A.F. type Vico	"	110

Notes and proposals

Considerazioni e proposte

- a) - *The smoke liquid can be use for the*
il liquido nebbioso può essere impiegato.
campaign against the bank in Sandonia
per la lotta contro le cavallette in Sandonia.
- b) - *The candles and big candles loaded with gran (C.A.F.)*
le candele e candeliotti aggressivi (C.A.F.)
P.C.A.) can be issued an replacement to the
D.C.A.).
queste non se ne possono più impiegarle.
co private industry for replacement of sand 7007
possono essere cedute a pagamento alle industrie
can not be found for them.
non possono essere trovati per loro.
strie private per rimpiazioni.
- c) - *The smoke candles and big candles can be*
le candele e candeliotti fumogeni, qualora non
burned on the spot, if some use can not be
se ne può fare l'impiego, possono essere distribuiti
found for them.
sub posto bruciandole.

Deposito Ammunition Depot.

Deposito Munizioni di Gossolengo

Bombe Bombs for 45mm mortar

-- bombe per mortaro da 45 millimetri

N. 32.000

S. Giuseppe Ammunition Depot.

Deposito Munizioni di S. Giuseppe

205 Bombs Loaded with Phosgene

-- granate da 205 cariche a fosgene

01702

150 x

210 Bombs

-- granate da 210 cariche a fosgene

"

40 x

149 Bombs

-- granate da 149 cariche a fosgene

"

30 x

105 Bombs Loaded with C.P.F. and Chlorine

-- granate da 105 cariche a C.P.F. e cloro

"

500

45 Bombs Loaded with Mustard Gas

-- granate da 45 cariche a iprite

"

500

152 Bombs Loaded with Phosgene

-- granate da 152 cariche a fosgene

"

40 x

Notes and proposals.

Considerazioni e proposte

a) -- Le 45mm bombs for mortars can be

le bombe per mortaro da 45 millimetri possono
unloaded on the spot, recovering the empty shells
essere scaricate sul posto recuperando il vuoto.

b) -- All of the shells loaded with gas are
tutti i proiettili ed esplosivi di cui sono
are uncarried in the sense of S. Giuseppe Depot.
sono sepolte nel recinto del deposito di S. Giuseppe.

In considering that the ground must be used to
Considerando che il terreno dovrà essere adibito
build up houses we deem advisable to construct
e a stabilire abitazioni, conviene distruggerli median-
te l'arrovamento. Rem at sea.

- Queen Smoke Signals
 fumate da segnalazione verdi
 - Red Smoke Signals
 fumate da segnalazione rosse
 - Orange Smoke Signals
 fumate da segnalazione arancione
 - White Smoke Signals
 fumate da segnalazione viola
 - Smoke Signals of 2 lbs
 candele fumogene da 2 lbs.
 - 8 Ric Smoke Candles
 candele di 8 Ric

Tratta Milanese Assicurazioni Dobb.
Deposito Mutilazioni, al Novate Milanese

- bombe da 45, fumogene 41 bombe bombas.
- bombe da 81, fumogene 81 bombe bombas.
- bombe per mortale da 81 fumogene 81 bombe bombas.

Vigevano Annunziata Delft.
Deposito Munizioni di Vigevano

[illegible]

segue scheda n. 4

Lindano Varese Communications Depot.
Deposito Munizioni di Induno Varese.

45 Smoke bombs		
- bombe da 45 fumogene	No	225
45 Smoke bombs for training		
- bombe da 45 fumogene da esercitazione	"	34
Smoke bombs for mortar 81		
- bombe per mortaio da 81 fumogene	"	12

Notes and proposals

Considerazioni e proposte

a) - The smoke bombs can be unloaded
 le bombe fumogene possono essere scaricate
 on the spot, recovering the empty shells.
 sul posto recuperando il vuoto.

b) - The smoke candles and big candles loaded
 le candele e candelotti fumogeni, quando
 destructured on the spot by burning in
 loro non se ne prevede l'impiego, possono
 be used can be used for them.
 no essere distrutti sul posto brucian-

doli.

c) - The candles and big candles loaded
 le candele e candelotti espressivi
 with gases (N₂; D.C.A. T₄; B.T.F.; C.P.F. ecc.)
 (D.C.A. T₄; C.A.T. T₄; C.P.F.; C.P.F. ecc.)
 can be used on replacement
 qualora non se ne prevede l'impiego, possono
 essere usati per le sostituzioni.

Notes and proposals
Considerazioni e proposte

Considerazioni e proposte

The unde loads can be unloaded
 in the spot. recovers the empty shells.
 late sul posto recupera il vuoto.

le uniche candele and big candles, can be
b)- le candele e candelotti filogeni, que-
destrocted on the spot by burning it.
lora non se ne prevede l'impiego: posso-
no esse con be found for them.
no essere distrutti sul posto brucian-

सोलि.

c) - la candela = candelotti aggressivi
with Jones ($\frac{N}{D.C.A.} + \frac{R}{D.C.A.} + \frac{C.F.F.}{D.C.A.}$)
($\frac{D.C.A.}{D.C.A.} + \frac{R}{D.C.A.} + \frac{C.F.F.}{D.C.A.}$)
can be issued on retirement
qualora non se ne prevede l'impiego, pos-
sono essere cedute a pagamento alle indu-
strie private per rievangelazioni.

Servizio Ammunition Depot
Deposito Munizioni di Sonico

<u>German Smoke Bombs mod 41 - 150 mm</u>	
- Granate mod. 41 tedesche da mm. 150 nebbiogene	N° 2500
<u>Smoke Bombs for 45 mortar</u>	
- Bombe per mortaio da 45 nebbiogene	" 600

Valpersone Ammunition Depot
Deposito Munizioni di Valpersone

<u>Viola Smoke Bombs</u>	
- fumate da segnalazione viola	" 640
<u>Para smoke candles</u>	
- candolotti fumogeni	" 34
- candele fumogene	" 5

Notes and proposals:
Considerazioni e proposte

- a) - The German smoke Bombs and the 45 mortar Bombs
le granate nebbiogene tedesche e le bombe per mortaio
da 45 possono essere riciclate sul posto recuperando
il vuoto. Le empty shells.
The candles and big smoke candles, can be destroyed
le candele e candolotti fumogeni, qualora non se ne
on the spot, ed burning if no use can be found
prevede l'immediata distruzione sul posto
bruciandole per fumo.
The violet smoke Bombs can be landstörger to
le fumate da segnalazione viola possono essere versate
all'Aviazione. Alle Air Force.

- German Smoke Bombs mod 41 - 150 mm
 - Granate mod. 41 tedesche de mm. 150
 nabbiogene N° 2500
 Smoke Bombs for 45 mortars
 - Bombs per mortaro da 45 nabbiogene " 600

Valpersone Ammunition Depot.

Deposito Munizioni di Valpersone

- Viola Smoke Signals
 - fumate de segnalazione Viola " 640
 Red Smoke Candles
 - candelotti fumogeni " 34
 Smoke Candles
 - candele fumogene " 5

Notes and proposals. Considerazioni e proposte

The German smoke Bombs and the 45 mortar Bombs
 a) - le granate nabbiogene tedesche e le bombe per mortaro
 da 45 possono essere riciclate sul posto recuperando
 il vuoto. *the empty shells.*

The candles and big smoke candles, can be destroyed
 b) - le candele e candelotti fumogeni, qualora non se ne
 on the spot. *the burning of no use can be found*
 prevede l'impiego possono essere distrutte sul posto
 bruciandole *for them.*

The violet smoke signals can be handpicked to
 c) - le fumate de segnalazione viola possono essere versate
 all'Aviazione. *the Air Force.*

DIREZIONE DI ARTIGLIERIA DI

LA SPEZIASpecchio N° 6Remita Negro Chemical Dept.Deposito Chimico di Remito NegroSynthe Liquid

- liquido nebulogeno

Fusti n° 79

Kg. 40.000

Tosono Chemical Dept (Cuneo)Deposito Chimico di Fossano (Cuneo)- Synthetic candles of 5 kg.

- candele irritanti da Kg. 5

" " " of 2 kg.

- candele irritanti da Kg. 2

" " " of 5 kg.

- candele "R" da Kg. 5

" " " of 2 kg.

- candele "R" da Kg. 2

N° 425

" 619

" 315

" 1.340

Notes and proposals.Considerazioni e proposte

The candles loaded with gases, can be used as candles suppressive, and more non as ne used on replacement to the Private Industry. Prevede l'impiego possono essere cedute per re. working if no use can be found a pagamento alle Industrie Private per 17.02 per item.

rilavorazioni.

The smoke liquid can be use for the

b) - il liquido nebulogeno può essere impiegato

=====

Specchio No 7

Cesarella Ammunition Dept.

= Deposito di Munizioni di Caserale

- Bombs of 75/13-27 old type
- Grenade of 75/13-27 vecchio tipo
- Cariche di oleum loaded with oleum.
- Bombs of 105/25 loaded with oleum.
- Grenade of 105/25 carica di oleum
- Bombs of 149/12 loaded with
- Grenade of 149/12 carica di

No 13.343
" 350

cloruro di antimonio

- 149/12 bombs loaded with oleum.
- Grenade of 149/12 carica di oleum
- 100/11 bombs loaded with smoke.
- Grenade of 100/11 carica di nebbio-

" 1.643
" 3.221

Geno

- Smoke liquid bombs " "
- Liquid nebbiogeno fusti no 11
- 75/13 bombs old type
- Grenade of 75/13 vecchio tipo

" 6.000
Ed. 4.500

cariche di nebbiogeno loaded with smoke. No 59.000

Ponte Roca Ammunition Dept.

= Deposito munizioni di Ponte Ronca

- 75/24 bombs loaded with smoke.
- Grenade of 75/27 carica di nebbio-
- Geno
- Grenade of 75/13 fumogene 75/13 smoke bombs 522

" 522
bombs 13.250

Notes and proposals.

Considerazioni e proposte

Q.R. The smoke bombs (oleum and
(oleum, pentachloruro di antimonio) pos- 1751
can be unloaded on the spot, recu-
sono essere scaricate sul posto, recu-

perando il vuoto. recovering the empty shells.

- | | | | |
|---|------------------------------------|-----|--------|
| - | grate at 149/12 S | | |
| - | corno di antimonio | | |
| - | 149 lb Lancia loaded with elem. | | |
| - | grate at 149/12 Cariche in glass | " | 1.643 |
| - | 100 lb Lancia loaded with smelt | " | 3.221 |
| - | grate at 100/17 Cariche di nebbio- | " | 6.000 |
| - | lung Lancia Lancia " | Kg. | 4.500 |
| - | Liquido nebbioso Fusti no 11 | | |
| - | 45/13 Lancia Lad Kline | | |
| - | grate at 65 75/13 vecchio tipo | | |
| - | nebbioso loaded with smoke no | | 59.000 |

Rosa Arminatus Dept.

Deposito munizioni al Ponte Ronca

- | | |
|-------------------------------------|--------------|
| 15/24 lambs loaded with smoke. | |
| granate da 75/27 curione di nebbio- | 522 |
| Geno | " |
| granate da 75/13 fumogene | 15/13 smoke |
| | lambs 13.250 |

Notes and proposals.

Condizioni e prodotti

- a) - The smoke bombs (grenades and
tutte le granate fumogene, nebbiogene
(oleum, peracloreuro di antimonio) pos-
sano be unloaded on the spot, recu-
perando il vuoto. they can be used for
b) - the liquid material can be used in
tutte le campagne in Sardegna.
per la lotta contro le cavallette
in Sardegna.

DIREZIONE DI ARTIGLIERIA DI BOLOGNA

SEZIONE STACCAIA DI ANCONA

Specchio n. 8

A.M. Park of Jere
Pierco A.M. di Jere

- 81 smoke bombs.
- bombe da 81 nebiogene
- Big smoke candles.
- candeliotti fumogeni

Nº 250

" 996

Ascoli Piceno (C.C.R.R. Station)
Ascoli Piceno (Stazione C.C.R.R.)

Smoke liquid barrels.
-liquido nebiogeno fusti nº 123 circa Kg. 60.000

Notes and proposals.
Considerazioni e proposte

a)- The smoke bombs can be unboxed
le bombe nebiogene possono essere
scatolate qui posto recargando il
vetro.

b)- The big smoke candles can be destroyed
by burning. If we use can be found 1700
se ne brucia il numero, possono
essere distrutti sul posto bruciandoli.

c)- The smoke liquid can be used for
the anti-aircraft campaign in Sardinia
per la lotta contro le scialuppe

" 996

Big smoke candles.
- cannelotti fumogeni

Ascoli Piceno (C.C.R.R. station)
Ascoli Piceno (Stazione C.C.R.R.)

Smoke liquid
Liquido nebbiogeno
Fusti n° 123 circa Kg. 50.000

Notes and proposals. Considerazioni e proposte

a) - The smoke bombs can be unloaded
la bombe nebbiogene possono essere
caricate sul posto recuperando le empty della
scartate dal posto recuperando il

vuoto.

b) - The big smoke candles can be destroyed
i cannelotti fumogeni, qualora non
si trovino, si ne usano, con la found 1700
se ne possono fare 1000, possono
essere distrutti sul posto bruciandoli.

c) - The smoke liquid can be used for
il liquido nebbiogeno può essere usato
per la lotta contro la cavalletta
in Sardegna.

Specchio N. 9

Verona Art. Directorate
DIREZIONE DI ARTIGLIERIA DI VERONA

- Smoke Bomb 100 "FRANCESI"
- granate da 100 fumogene "Francesi" N. 1272
- bombe da 45 fumogene 45 smoke bombs. " 56
- bombe da 81 fumogene 81 smoke bombs. " 49
- bombe a mano "Breda" fumogene "Breda" smoke hand grenades. " 72

UDINE Art. Directorate
DIREZIONE DI ARTIGLIERIA DI UDINE

- 45 Smoke Bomb "FRANCESI"
- granate da 75 fumogene "Francesi" " 6000

Florence Art. Directorate
DIREZIONE DI ARTIGLIERIA DI FIRENZE

- 81 Smoke Bomb
- bombe da 81 fumogene " 34

Venezia Art. Directorate
DIREZIONE DI ARTIGLIERIA DI VENEZIA

N.V.

Notes and proposals
Considerazioni e proposte

- tutte le granate e le bombe di cui sopra possono essere scaricate sul posto recuperando il vuoto.
all the bombs and grenades can be unloaded on the spot, recovering the empty shell. 17.9

Specchio n. 10

Lago Di Vico Dept.
Deposito di Lago di Vico
 - "Lions" bomb loaded with 3 flogen
 - bombs "Lions" caniche flogene
 - 149/31 bomb loaded with flogen
 - granate 149/35 caniche flogene
 - P.V. bomb loaded with flogen.
 - bombe 149/35 caniche flogene
 - adomato candle
 - candles loaded with C.A.F. Vico type.
 - candles 149/35 caniche flogene
 - big candles loaded with C.A.F.
 - candelotti 149/35 caniche flogene
 - Smoke candles of 2 Dept.
 - candles loaded with D.C.A. - Pungoniam.
 - candles 149/35 caniche flogene
 - Big candles loaded with D.C.A.
 - candelotti 149/35 caniche flogene
 - candelotti flogeni Big and candles.
 - candelotti 149/35 caniche flogene

Civitavecchia
Deposito di Civitavecchia
 - containers with effere remainders
 - bombe con residui di cloro
 - (in cattivo stato di conservazione)
 - (in cattivo stato di conservazione)

Deposito di Targuinis
Carguinis Dept
 - chloropicrin.
 - Dept with the Baracchini firm of Rome.
 - Depoito presso ditte Baracchini di Roma
 - "Lionetti" bombs
 - bombe furetto (C.A.F. + nitrocellulosa)

Notes and proposals.
Conservazione e proposte
 a)- 14 bombs and shells can be destroyed by
 throwing them at sea.
 b)- 14 candles and big candles loaded with 2000.
 candles and big candles loaded with 2000.

- | | |
|---|--------|
| - P.V. boxes loaded with blouses. | 10 |
| - boxes of V. cylinders & 100000 | 4 |
| - adhesive candles | 32 |
| - candles loaded with C.A.F. Vice type. | 82 |
| - candles of C.A.F. type | 19.300 |
| - Big candles loaded with C.A.F. | 5.091 |
| - candles of C.A.F. type | 45 |
| - Big candles loaded with D.C.D. | 78 |
| - candles of D.C.D. type | 24 |

Civitate

Decreto de Civitavalle

- containers with effene remaining
bottles con residui di cloro
(in attesa dello stato di conservazione)

Ernesto di Tarquinia

Carmines Dept

- chlorogenic.

Chromolaena

Depth with the Baracchini firm of Rome.

[illegible]

- 1044767
C.A.T. + nitrocellulose

Notes and proposals.

Constitutional and Proposals

- a)- Bombs and shells can be destroyed by drowning them at sea.
- b)- Candles and bug can be loaded with gas. can be issued on repayment to private industry if we use can be found for them.

2174000024001.

- c) - the containers with chlorine remainders (in a 100 lbs. bottle) can be sold in, considered as bad conservation state). It is advisable. The chlorine state of conservation is good.

Seamus Specchio n° 10

To deduct them by drawing them
 viae distruggere mediante affondamento
 in mare.

Le "Lunetta" bombs are at the
 d) - le bombe faretto sono a disposizione
 dell'Aeronautica. disposal of the Air Force.

R. E. P.

1747

1746

