

ACC

AC 3

10000/148/1749

M
D

0/148/1749

MAT. 3 BATTERIES
DEC. 1943 - MAY 1945

Subject: Batteries for use in
electrically driven
railway engines -
Val de Neto Rly.

Military Railway Service,
C.M.F.

Tel: Wirebox 9323.

File: In.A.2/35/2.

3/ May 45.

To: 9 C.N.E. Works, C.M.F.

Copy To: D.D.Tn. (Mech).
Tn. Sub Commission, A.C.

1. Reference your E/7356/3325 dated 17 May 45.
2. Batteries of the type described by you have been discovered in Northern Italy and arrangements for their transfer to Rome where, on arrival, Tn Sub Commission A.C. will forward supplies to you.

W.F.R. Mitchell
W.F.R. MITCHELL, Maj.,
for Brigadier,
Director of Transportation.

Tel. ROME 643191/5 (Firebox)
EXT 9352

ALLIED FORCE
MILITARY RAILWAY SERVICE ITALY
OFFICE OF THE DIRECTOR (DMRS)

(3)

Subject:- Batteries for Valdineto Light Railway.

Tn.A.3(M)/98

27 May 45

To:- Tn. Sub-Comm., A.C. (Maj. Baister) (Bdg).
AQMG (Mov), Tn. Sub-Comm., A.C. (Lt-Col Baker) (Bdg).
G.4 Mov & Tn, AFHQ - thru DDTn, AFHQ (2 copies).
Ing. Corbellini, Italian State Railways (Bdg).

Copies to:- DDTn (Constr) (Bdg).
DDTn (Stores) (Bdg).

1. Batteries of correct type for the electric locomotives of the above Light Railway have at length been found at the original makers, Henzenburgher & Co. of Monza near MILAN.
2. 50 are ready now and 250 more will be ready in 15 days.
3. Ing. Corbellini will please advise me immediately the 250 are available, whereupon it has been arranged that this office will advise RCE 1212, who will collect all 300 from Monza and deliver them at 329 TSD.
4. On arrival at 329 TSD, Tn. Sub-Comm A.C. will be advised in order that they can make their own arrangements for transporting to CROTONE.

[Signature]
DDTn (Mech)
for Brigadier
Director Military Railway Service

Rome

Mad...

1194

GML/av

INTER-OFFICE MINUTES

File N. AC/Mat/3/17/Tn 4

SUBJECT : Batteries.

TO : Tn. S/C Rail Mech. Engr. Branch
Attn: Major Jeffrey

1. Reference your signal from Bari in regard to batteries despatched from Taranto to Campi Flegrei for repair and return.
2. The Director General I.S.R. advises under date of 26 April that wagon N°. 130668 loaded with 30 batteries for ambulance train at Taranto, left Naples on 16 April 45, with freight bill N°. 34210/15.
3. This for your information.

C.M. LONG, Major C.E.

Transp. Sub-Commission (Rail Division)
30 April 1945
Tel. 843191-11

1193

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel. 843191-11
Ref: AC/Mat/3/16/Tn 4

28 April 1945

SUBJECT : Batteries for I.S.R.

TO : Ministry of Transports Bldg.
Attn: Ing. Bracci

1. Reference your A.38 A/1594/813/2/Cav dated 10 April 1945 above subject.

2. This Division made request on the Industry Sub-Commission for an allocation of the materials needs to supply you with batteries for a six month period the a/m Commission has advised that as the firms of Ceppela and Hellesens are both in Italian Government territory, any question of supply details to these firms must be dealt with them the Italian Government.

3. There is attached Mat. 10's covering request of the materials, which you will please pass to the Ministry of Industry Commerce and Labor.

DIRECTOR

Encl. Mat. 10's

1192

Tel. EDME 84319115 (Direct)
Ext. 9328.

ALLIED FORCE
MILITARY RAILWAY SERVICE ITALY
OFFICE OF THE DIRECTOR (DMRSI)

Subject: Supply of Electric Batteries.

File: Tn.A.2/35/2.

23 Apr. 45.

To: Director General, I.S.R.

Copy to: Ing. G. Bracci,
Stores Department, H.Q., I.S.R.
Tn. Sub-Commission A.C.(Rail Division). ✓

1. Reference your A.38A/649/813/2.Cav/ICCA/3842/33 letter dated 17 April 45.

2. The batteries referred to in para.²⁷(15) of the minutes of the third Meeting of the Stores Sub-Committee are Leclanche cells. The maximum quantity which can be released to you from existing stocks is 450 numbers and these have already been advised to you as available in our depot at Foggioneale. Receipt was acknowledged in your A/38A/517/813/Gen. Cav dated 31 Mar. 45.

3. Regarding your contracts with the firm of Coppola and Hellesen, you should refer any question of supply etc., to the Tn. Sub-Commission A.C.(Rail Division).

G.J. Ellis
G.J. ELLIS, S/Capt.,
for Brigadier,
Director Military Railway Service.

1191

NOV TARANTO

FREEDOM SITE PHASE FOR INFO

0202

21 APRIL 1948

PRIORITY

RESTRICTED PD

PARA ONE PD YOUR NAME ARMS ROGER WANT THREE FIVE FOUR CHARLIE
ONE SIX APRIL TO ^{INC} REFERENCE PD

PARA TWO NOV TARANTO TO FREEDOM SITE PHASE FOR INFO FROM H. ALON
SITE ACTS PARA

PARA TWO PD ITALIAN STATE REPS CAPO TECHICO NAMED GALORA WILL VISIT
TARANTO NEXT WEEK TO DISCUSS WITH NAVAL ARMED QUESTION BATTERIES
FOR VALUING LIGHT RLY PD GALORA WILL FIRST VISIT YOUR HQ PD
PARA THREE PD REQUEST YOUR ASSISTANCE OBTAINING RELEASE AND
SUBSEQUENT MOVEMENT TO GROUND ANY BATTERIES WHICH MAY BE FOUND
AVAILABLE PD

COPY TO RAIL RLY 134 ✓

END

1190

TRANSPORTATION CO

336

John D. Smith
Lt. Col.

NICHOLAS PIGORINO
CWO. U.S.A.
Asst. Adjutant

CML/ev

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
G.M.F.

17 April 1945

Tel. 9311
Ref. AC/Mat/3/14/Tn 4

SUBJECT : Release of Accumulator Parts.

TO : Ministry of Transports Bldg.
General Inspectorate M.C.T.C.

1. Reference your R.S.T. 476/016 dated 21 March 45 and letter from this Headquarters AC/Mat/3/6/Tn 4 dated 16 March, in regard to release of accumulator parts for the Punicolar Centrale, Naples.
2. This Headquarters made a request on the director of Engineer production and stores to have the material released. He has replied under date of 11 April that he regrets that the items required are not available from stocks under his control.
3. It is suggested that you again contact the Ministry of Industry Commerce and Labor, General Direction for Industry and Mining for assistance.

Director

1189



MINISTERO
DELLE COMUNICAZIONI
FERROVIE DELLO STATO
DIREZIONE GENERALE

Servizio Approvv. ti

OGGETTO

Fornitura pile elettri-
che -

Roma, 12 Aprile 1915-A.

N. A 38 M/579 /813/Gen. Cay/
1043762/33

Al N.

del

MILITARY RAILWAY SERVICE

S E D E

(all'attenzione del Sig. Cap. ELLIS)

ALLEGATI N.

- 1° - Per far fronte ai più urgenti bisogni del servizio telegrafico e telefonico della rete ferroviaria, questa Amministrazione ha acquistato sulla piazza di Napoli circa 200.000 pile elettriche tipo "Rag - o - vac." che sono già state impiegate nei vari impianti.
- 2° - Onde assicurare la continuità dei sopracitati servizi occorrono ancora altre 100.000 di dette pile.
- 3° - Dato il prezzo molto elevato attualmente offerto da Ditte di Napoli (L. 25 cadauna), si prega codesta Direzione Generale volere far conoscere se vi è la possibilità di ricevere direttamente tale quantitativo di pile comunicandone il relativo prezzo.

1188

IL DIRETTORE GENERALE

Indi Remond

Note
Lt. Ludden es. going
to Naples 19/4 + will
bring a sample of cell
batteries
19/4

rr

Ministry of Transports
I S R Direction General
Stores Service

(translation)

Rome 10 April 1945
A 38 A/579/813/Gen. Cav/1228 3737/35

Subject: Supply of cells

To HQ MRS
att. Capt. Ellis

Building

- 1) To meet the most urgent needs of railway telegraphic and phonic service, this Administration has purchased on Naples market approx. 200.000 cells ("Rag - o - vac" kind) that have already been used at several plants.
- 2) To secure the continuity of said services, 100.000 cells more are necessary.
- 3) Considering the high price Naples Firms ask for them, (Lire 25 each) we beg your Direction to inform us whether it is possible to receive directly said quantity of cells informing us also about relative price.

The Director General
sgd Di Raimondo

Cu ng 10/4

1187

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel. 843191-11
Our Ref: AC/Mat/3/13/Ta 4

12 April 1945

SUBJECT : Regie Salina - Margherita di Savoia

TO : Director General I.S.R. Bltg.

1. Attached is a letter received from the Regie Salina Salt works, Margherita di Savoia requesting accumulator batteries for their electrical plant.
2. Commerce Sub-Commission Directive dated 28 March 45 requires that these requests be passed to the Ministry of Industry, Commerce and Labor.
3. If the matter is worthy of your consideration, will you please sponsor it, and notify the a/m concern of your decision.

C.M. LONG, Major C.E.

Encl. 1 Letter.

1186

Ferrovie del Sud-Est
Direzione dell'Esercizio
B A R I

Bari, 5/2/45

No. Ap./B IO/206

Subject: Corrugated Sheets Requirement.
To : E.N.B. Geirrey Major Tn. SUB-Comm. A.C. Bari

Nothing available on market, no time to wait
for reply from " D.W. HQ.A.A.I. C.M.S. Rome":
No.300 corrugated sheets Fibronit (m.0,95 X 1,83) are
urgently needed to cover Rail Plants with a mind to intensify
loco & wagons repairs also on behalf of Allied Mil. Command.

IL DIRETTORE DELL'ESERCIZIO
Ing. Callegari.

Tel. 447

OG/fl

Ref. AC/5595/IND

12 April 1945

SUBJECT : Partenope Battery
Factory - Naples.

TO : Transportation Sub-Commission ✓
Rail Division
(C/o Transportation Increment
Attn.: Maj. Long)

FROM : Industry Sub-Commission

1. Your letter AC/MAT/3/12/Tn 4 of 11
April 1945 refers.

2. Attached herewith copy of our letter
AC/5595/IND dated 6 March 1945 as requested.

Copy to:- (w/o incl.)
Economic Section

W.S. VAUGHAN
Director,
Industry Sub-Commission

Incl.: 1 copy of
ltr. AC/5595/Ind
dtd 6 March '45

1184

C O P Y

Tel. 447

C O P Y

HGR/hh

Ref.: AC/5595/IND

6 March 1945

SUBJECT: Batteries

TO : Transportation Sub-Commission

FROM : Industry Sub-Commission

1. Reference conversation Mr. Merrit Taylor - Maj. Reid, attached copy of DMP AFHQ letter ME/2B(X)/2980/3 of 28 February 1945 is forwarded for your information. This letter is in reply to a request to allot a proportion of the manufacturing capacity of "Partenope", Naples, to meet A.C. requirements.

2. This factory, under REME control, reconditions batteries by making new plates and assembling the groups in the old cases. You should, therefore, be prepared to programme to send old batteries to the factory for reconditioning rather than order plates for assembly in garages unless you already have the necessary equipment and labour for this purpose.

3. As this Sub-Commission has had many requests from your Sub-Commission for batteries and as these total many times the probable allotment from Partenope it is requested that you reconsider these requests (which are enclosed for easy reference). In order to make the best use of the production available at Partenope, (it may be 200-300 batteries/week, but this figure is a mere guess,) will you please programme on a monthly basis and assign priorities between road and rail demands.

4. Exact specifications of batteries are required and for your assistance catalogues are en-

closed. Will you please state manufacturers and manufacturers type and number of each which will require reconditioning monthly.

5. As these are the only catalogues available to this Sub-Commission will you please return them with your reply so that they can be forwarded to AF HQ with the consolidated demand.

Copy to: -
Communication S/C
(extracts of Catalogue
of batteries for telephone & telegraph use
are enclosed)
G-4 British
Economic Section

W.S. VAUGHAN
Director,
Industry Sub-Commission

To Tn / SC
only

Encl.: -
(
{ copy letter, as per para 1
{ original letter Roads Section AC/R/55/TN.5
{ dated 31/1/45 with enclosures:
{ letter 451.21 dated 24/1/45 Sicilia Region
{ letter I.N.T. dated 22/1/45 1212 Dir.dl/Iom
{ original letter 2.T./42/1806, dated 21/2/45, ENAC
{ with 2 appendices
{ original letter G-4/132/18/4, dated 11/1/45 Off.G-4(B)
{ with attached copy letter dated 15/12/44, SG-401
{ copy letter AC/Mat/3:1/Tn, dated 1/1/45, TN/SC-RS

1182

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

11 April 1945

Tel: 843191-11
Our Ref: AC/Mat/3/12/Ta 4

SUBJECT : Partenope Battery Factory - Naples.

TO : HQ.AC. Industry Sub-Commission A.P.O. 394

1. Reference your AC/5595/Ind. dated 8 April 1945 above subject.
2. Referring to para 2. May this Headquarters please be furnished with a copy of your AC/5595/Ind. dated 5 March 45.

C.M. LONG, Major C.E.

1181

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel. 843191-11
Our Ref: AC/Mat/3/11/Tn 4

12 April 1945

SUBJECT : Batteries for I.S.R.

TO : HQ.AC. Industry Sub-Commission APO 394
Attn: Major H.G.Reid

1. Reference your AC/5595/Ind. dated 2 March 45 above subject.
2. The I.S.R. advise under date of 10 April that to date they have been unable to make any serious arrangement with the firm Hellesens of Rome.
3. The firm Coppola have agreed to supply 20,000 cells, (10000 for telephone and telegraph and 10,000 for travelling personnel lamps) after delivery of which they hope to be able to manufacture another quantity of cells.
4. The firm agrees to make delivery of 4000 about the 15th of May 1945 and other deliveries of the same quantities will be made every 10 days.
5. I.S.R. were only able to furnish the Coppola firm a part of the raw materials which they bought on the market. In order to insure the requirements of batteries for six months they request the release of the following material:

Chloride of ammonium	Kg. 9000
" zinc	" 6000
Pack-thread of hemp twisted of 6/16	" 2250
Powder of bakelite	" 4000
6. As these materials are not obtainable on the market it is requested that a release be furnished to I.S.R.

1120

SUBJECT : Batteries for I.S.R.

TO : HQ.AC. Industry Sub-Commission APO 394
Attn: Major H.G.Reid

1. Reference your AC/3595/Ind. dated 2 March 45 above subject.
2. The I.S.R. advise under date of 10 April that to date they have been unable to make any serious arrangement with the firm Hellesens of Rome.
3. The firm Coppola have agreed to supply 20,000 cells, (10000 for telephone and telegraph and 10,000 for travelling personnel lamps) after delivery of which they hope to be able to manufacture another quantity of cells.
4. The firm agrees to make delivery of 4000 about the 15th of May 1945 and other deliveries of the same quantities will be made every 10 days.
5. I.S.R. were only able to furnish the Coppola firm a part of the raw materials which they bought on the market. In order to insure the requirements of batteries for six months they request the release of the following material:

Chloride of ammonium	Kg. 9000
" zinc	" 6000
Pack-thread of hemp twisted of 6/16	" 2250
Powder of bakelite	" 4000
6. As these materials are not obtainable on the market it is requested that a release be furnished to I.S.R.

1190

C.M. LONG, Major C.E.

Ministry of Transport

I B H Stores Service

Home 10 April 1945

A 18 1/259-7313/2/3av

Subject: electrical cells
supply

To Transport Sub Commission AC
Building

Attn: Major LMG

- 1) We refer to what has been pointed out at the third meeting of Stores Sub Committee of 22 March 1945.
- 2) About last but one para of said minute, we communicate what follows:
- 3) For the supply of electric cells, this Administration had to ask only Coppola firm - alone, as it was impossible to get neither any offer by the "Supergilla" of Florence nor any serious arrangement by Heliosens of Rome.
- 4) Coppola firm for the moment did not want to take an engagement to supply more than 20,000 cells (10,000 for telegraph and phone and 10,000 for travelling personal lamps; they told us that after this delivery it is to be hoped that they may manufacture another quantity of cells.
- 5) Of the 20,000 cells already ordered, the firm will deliver 4,000 within 15 May 1945; other deliveries of the same quantities will be made every ten days.
- 6) For said supply we were able to furnish to Coppola firm only a part of raw material bought on the market, but as it is necessary to ensure the requirements of electric cells for six months, the following quantities of raw material are still requested:

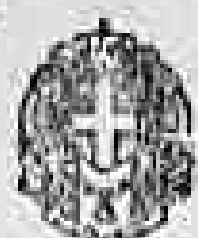
kg.	9,000	chloride of ammonium
"	6,000	" zinc
"	2,250	packthread of hemp twisted of 6/16
"	4,000	powder of bakelite

- 7) Considering that these raw materials are not to be found on the market, we beg you to intervene to let them be allotted to this Administration.

The General Director
Sgt. Di Biase

Go 11/4mg

1179



MINISTERO
DELLE COMUNICAZIONI

MINISTERO DELLO STATO
DIREZIONE GENERALE

Servizio Approvvigionamenti

Roma, 10 Aprile 1945

N. A38A/594/813/2/Cav./124
3454/13

Al N. _____ del _____

ALLA SOTTOCOMMISSIONE TRASPORTI A.C.
S E D E

OGGETTO

(all'attenzione del Sig. Maj. LONG)

Fornitura pile
elettriche

ALLEGATI N. _____

- 1°-Si fa riferimento a quanto fu segnalato nella 3^a riunione del Sottocomitato Approvvigionamenti del 22-3-1945.
- 2°-In merito al penultimo capoverso di detto verbale si fa presente quanto segue:
- 3°-Questa Amministrazione ha dovuto rivolgersi per la fornitura di pile elettriche alla sola Ditta Coppola di Roma non avendo potuto ottenere nessuna offerta dalla Superpila di Firenze nè un impegno preciso da parte della Hellesens di Roma.
- 4°-La Coppola non ha voluto, per il momento, impegnarsi per un quantitativo superiore a 20.000 pile (10.000 per il telegrafo e telefono e 10.000 per lanterne del personale viaggiante); lasciando sperare che dopo ultimata questa consegna intraprenderà la lavorazione di altre partite di pile.
- 5°-Delle suddette 20.000 pile già ordinate, la Ditta ne consegnerà 4.000 entro il 15 Maggio p.v. facendo seguire altre consegne uguali a distanza di 10 giorni l'una dall'altra.
- 6°-Per l'allestimento della suddetta fornitura, si è potuto fornire alla Coppola soltanto una parte di materie prime incettate sul mercato, ma essendo necessario assicurarsi il fabbisogno di pile elettriche per un semestre, occorrono ancora i seguenti quantitativi di materie prime:

Kg. 9.000 cloruro ammonico
" 6.000 " zinco
" 2.250 spago canapa ritorto da 6/16
" 4.000 polvere di bachelite

1178

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7°- Poichè tali materie prime non sono reperibili sul mercato
si prega di volere intervenire perchè siano assegnate a
questa Amministrazione.

IL DIRETTORE GENERALE

Udi Raimondo

8811

GML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

4 April 1945

Tel. 843191-11
Our Ref: AC/Mat/3/10/Tn 4

SUBJECT : Release of Accumulator Parts.

TO : D.E.P. and S. A.F.H.Q. C.M.F.

1. The S.A. Funicolare Centrale Napoli under date of 26 January 45 made a request on R.E.M.F. for the release of accumulator parts required for the operation of the Funicolar as per list attached.
2. The Director General De Cupis advises under date of 21 March that their efforts have been fruitless and that they have applied to the Ministry of Industry, Commerce and Labor, General Direction for Industry and Mining for the release.
3. The Transportation Sub-Commission (Rail Division) recommends the release of the parts requested, or a proportionate part, in order that this transportation system, vital to the city of Naples, will continue to function.
4. Your cooperation, to eliminate any possibility of "disease and unrest" condition in Naples will be appreciated.

C.M. LONG, Major O.S.

Encl. 1 list.

1177

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

27 March 1945

Tel. 843191-11
Our Ref: AC/Mat/3/9/Tn 4

SUBJECT : Batteries.

TO : Chief of Stores Section I.S.R. - Ing. Bracci Bldg.

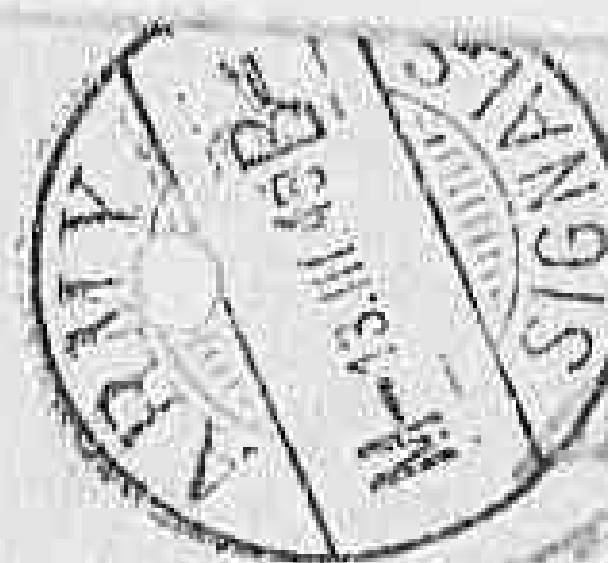
1. Reference letter from this Headquarters AC/Mat/3/5/Tn 4 dated 15 March, in regard to batteries sent to Campi Flegrei from Taranto for repairs on 16 February 45.

2. Can you now advise us to when the batteries will be returned or status of the repairs.

O.B. LINDBERG
Lt. Col. R.E.
Chief, Rail Division

1176

181



MABA V MEVC (S1)

FROM ALCOM BARI FROM JEFFREY -131420A

TO ALCOM C/O TN INC (FOR LONG)

GR28-

AC.T,4.B.131420. RESTD. RAIL WAGON 109046 DISPATCHED FROM
TARANTO TO CAMPI FLEGREI LOADED BATTERIES FOR REPAIRS PARTENOPE
16 FEB. HASTEN RETURN REPAIRED BATTERIES TO I.S.R. URGENTLY
WANTED AMBULANCE TRAINS .

*131420A

JTM B

CCTN-URGENTLY WANTED .

181

MABA V MEVO (S1)

FROM ALCOM BARI FROM JEFFREY -131420A

TO ALCOM C/O TN INC (FOR LONG)

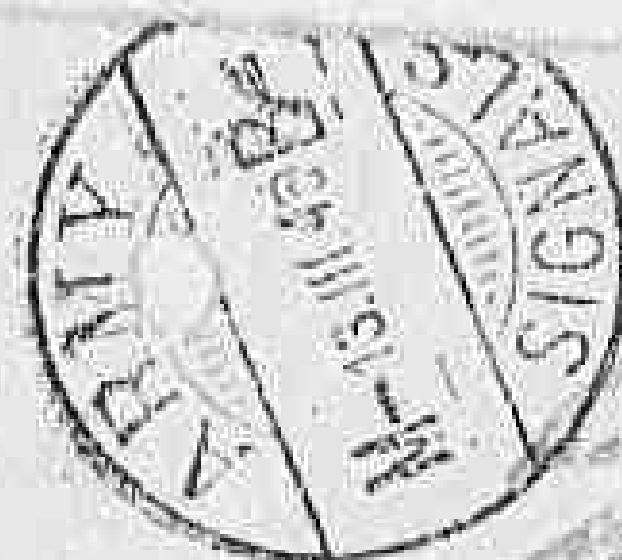
GR28-

AC.T,4.B.131420. RESTD. RAIL WAGON 109046 DISPATCHED FROM
TARANTO TO CAMPI FLEGREI LOADED BATTERIES FOR REPAIRS PARTENOPE
15 FEB. HASTEN RETURN REPAIRED BATTERIES TO I.S.R. URGENTLY
WANTED AMBULANCE TRAINS .

#131420A

JTM B

CCTN—URGENTLY WANTED .



CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

27 March 1945

Tel. 843191-11
Our Ref: AC/Mat/3/8/Tn 4

SUBJECT : Paraffini Wax for I.S.R.

TO : HQ. A.C. Commerce Sub-Commission APO 394

1. Reference your AC/5053/Commerce/POL 25 dated 28 March 45 above subject.

2. Referring to paragraph 2. It is expected that the firms "Kellens" and "Coppola" will be able to manufacture the batteries.

3. The estimate of 300,000 batteries made by the I.S.R. is fair and covers the requirements of Liberated Italy for a period of one year.

4. The placing of the orders for the a/m quantity of batteries has the approval of this sub-commission.

5. Your co-operation in this matter is greatly appreciated.

C.M. LINDBERG
Lt.Col. R.E.
Chief, Rail Division

1175 .

HEADQUARTERS ALLIED COMMISSION
APO 394
COMMERCE SUB-COMMISSION

JRC/mp

Ref. AC/5063/Commerce/TOL 25

Tel. Rome 475823

24 March 1945

SUBJECT: Paraffin Wax for I.S.R.

TO : Transportation Sub-Commission
Nails Div. (Attn. Maj. Long)

1. Attached are copies and translations of letters from Italian Government calling for 5-1/2 tons Paraffin Wax for electric batteries.
2. We have checked that the quantity is reasonable for the number of batteries indicated but have no idea as to whether they can be produced under present conditions.
3. Please state whether, in your opinion, 300,000 batteries is a fair estimate of I.S.R. needs and whether their placing orders for this quantity meets with your approval.
4. If in the affirmative the necessary quantity of wax is available and arrangements will be made to release it ex Naples, preferably under I.S.R. Control.

W. P. Evans
W.P. EVANS
Colonel
Director
Commerce Sub-Commission

Enclosed: Copies letters referred

Para 1 :

1. Min. Ind. Com. & Labour - Prot. 1063/III of 20/3
2. Min. Trasporti NA.249/925 of 19/2
and translations.

1174

COPIE

Ministero Industria, Commercio
e Lavoro
Direzione Generale Industria e
Miniere.
Div. Combustibili Liquidi

20 MARZO 1945

ALLA COMMISSIONE ALLEATA
SOTTOCOMMISSION COMMERCIO
ROMA

PROT. 1063/III = ALLEGATO 1

OGGETTO: Richiesta di Paraffina

1. Il Ministero dei Trasporti - Direzione Generale PF.SS.
ha inoltrato allo scrivente una richiesta per un'assegnazione di
paraffina.

2. Non essendo competenza di questo Ministero compiere asse-
gnazioni del prodotto in parola, si trasmette per gli opportuni provvedi-
menti, copia del foglio della Amministrazione predetta.

IL MINISTRO

TRANSLATION

From: Ministry of Industry, Commerce
and Labour
Industry & Mining Div.
Liquid Fuels Office

TO AC - COMMERCE S/C

1. THE Ministry of Transportation, I.S.R. Division has forwarded
to us a request for Paraffin Wax.

2. As allocations of this product do not come under our sphere
of influence, copy of the application is forwarded to you herewith
for your attention.

THE MINISTER

lm/a

1173

(C o p y)

Rome, 19 February 1945

MINISTRY OF TRANSPORTATION

N. A.249/925

Ferrovie dello Stato
Direzione Generale

MINISTRY INDUSTRY, COMMERCE
AND LABOUR
R O M A

Servizio Approvvigionamenti

SUBJECT: Paraffine Wax.

In order to complete the manufacture of 300.000 electric dry batteries for lighting purposes this Administration needs 55 Quintals of Paraffin Wax.

The Allied Command to whom our request was addressed informs us that the allocation must be made by your Ministry.

We request you, therefore, to make the necessary arrangements so that the quantity of Paraffin Wax mentioned i.e. 55 Quintals may be placed at our disposal.

As we are informed that a considerable stock is held by C.I.P. Naples we would like to state that release from that point would suit as quite well.

Please reply urgent.

1172

C o p i a

Roma, 19 febbraio 1945

n. A.249/925

MINISTERO TRASPORTI

=====

Ferrovie dello Stato
Direzione Generale

Servizio Approvvigionamenti

MINISTERO INDUSTRIA
COMMERCIO E LAVORO

R O M A

OGGETTO: Paraffina.

Per completare la costruzione di 300.000 pile elettriche necessarie per l'illuminazione, questa Amministrazione ha bisogno di Q.li 55 di paraffina.

Il Comando Alleato, al quale è stata avanzata la richiesta, informa che l'assegnazione deve essere fatta da codesto Ministero.

Pregasi, pertanto, voler disporre perchè il suddetto quantitativo di Q.li 55 di paraffina sia messo a disposizione di questa Amministrazione.

Poichè da nostre informazioni risulta che una rilevante scorta trovasi presso il Comitato Italiano Petroli di Napoli, si fa presente che il ritiro potrebbe eventualmente effettuarsi in detta località.

Si gradirà sollecito riscontro.

IL CAPO DEL SERVIZIO

Firma illegibile

1171

Tel. 447

3
DBR/ejc

Ref. AC/5595/IND.

8 April 1945

SUBJECT : Partenope Battery Factory - Naples
TO : Transportation Sub-Commission ✓
Rail Division c/o Transportation Increment
FROM : Industry Sub-Commission

1. Your AC/Mat/³5/7/Tn 4, 23 March 45 refers.
2. The answer to the question in Para 2 of the reference is contained in AC/5595/IND., 5 March 1945, addressed to Transportation Sub-Commission.
3. As yet no reply has been received to this letter. In consequence no further arrangements have been made in the matter.

W. S. Vaughan
for W. S. VAUGHAN
Director,
Industry Sub-Commission

Copy to : -
Economic Section

1170

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel: 843191
Our Ref: AC/Mat/6/7/TD 4

23 March 1945

SUBJECT: Partenope Battery Factory - Naples

TO : HQ. A.C. Industry Sub-Commission APO. 394

1. Reference is made to your AC/5595/TMD dated 13 February 45 addressed to ADOS, copy to this Sub-Commission in regard to manufacture of batteries at Partenope, Naples.
2. Referring to paragraph five (5) it is desired to know if any agreement has been reached whereby accumulators batteries may be manufactured at this plant for the Italian State Railways.
3. The D.K.R.S. Italy, Transportation Sub-Commission and Allied Railway Board-Stores Sub-Committee are very desirous of having a part of this plant made available for the a/m work.

O.R. LINDBERG
Lt. Col. R.E.
Chief, Rail Division

1169

Ministry of Transports
General Inspectorate MCTC

Roma, 21 March 1945

R.S.T. 476/016

To: Transportation Sub-Commission AC.
Rail Division

SUBJECT : Funicolar Centrale Napoli - Request for material.

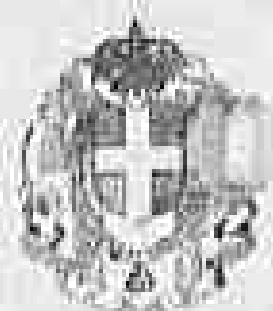
1. Reference is made to your letter AC/Mat/3/6/Tn 4 dated 16 March 1945.

2. The negotiations of the Company operating above Funicolar with REME, in order to obtain release of part of the batteries required for the operation of the Funicolar, having been up to date quite fruitless, this Ministry, upon request of the Company, has applied to the Ministry of Industry, Commerce and Labour, General Direction for Industry and Mining, with letter R.S.T. 310/016 dated 15 March ult.

3. That S/Commission is requested to kindly recommend above application, as the lack of said batteries could lead to the suppression of the services on above Funicolar.

sgd. De Cupis
Director General

1168



Ministero delle Comunicazioni

ISPETTORATO GENERALE DELLA MOTORIZZAZIONE CIVILE
E DEI TRASPORTI IN CONCESSIONE

Roma 21 MAR 1945

TRANSPORTATION SUBCOM-
MISSION A.C. RAIL DIVI-
SION C/O TRANSPORTATION
INCREMENT C.M.F.

Divisione R.S.T. *Isa*
Prot. N. 310/016 *Allegato*

= SEDE =
Risposta al f. AC/Mat/3/6/Tn4
del 16/3/1945

OGGETTO Funicolare Centrale di Napoli
Richiesta di Materiali.

A tutt'oggi le pratiche fatte dalla Socie-
tà Funicolare Centrale di Napoli presso il REME
per ottenere parte degli accumulatori elettrici
necessari al servizio della funicolare stessa,
non hanno ancora conseguito risultato positivo,
di modo che, a seguito di espressa domanda da
parte della Società interessata, questo Ispetto-
rato Generale ha ritenuto di rinnovare la ri-
chiesta indirizzandola al competente Ministero
dell'Industria, Commercio e Lavoro, Direzione
Generale dell'Industria e delle Miniere, con no-
ta 15 corr.m.R.S.T. n.310/016.

Prego codesta Sottocommissione di appoggia

1167

re tale richiesta, perché la mancanza dei rifornimenti desiderati potrebbe portare alla soppressione dell'importantissimo servizio di quella linea in Napoli.

IL DIRETTORE GENERALE

[Handwritten signature]

CML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel. 843191-11
Our Ref: AC/Mat/3/6/Tn 4

16 March 1945

SUBJECT : Accumulator Parts for Funicolare, Naples.

TO : General Ispettorato della Motorizzazione Civile e
dei Trasporti in Concessione Blag.

1. Attached is copy of a letter dated 26 January 45 addressed to Comandante R.E.M.E., Fusaro, S.A.F.C.N. requesting authorization be given to the firm "Fabbrica Accumulatori Partenope" in Casalmuovo to furnish parts for electric accumulators as per list attached.

2. A copy of the a/m letter was later sent to this Sub-Commission and has just been received.

3. We have been unsuccessful so far in getting any releases of material from the a/m firm for the I.S.R. and it is therefore suggested that you ascertain from the "Funicolare" the status of their request with R.E.M.E.

O.H. LINDBERG
Lt.Col. R.E.
Chief, Rail Division

Encl. 1 letter
1 list

1166

SOCIETA' PER AZIONI FUNICOLARE CENTRALE
N A P O L I

Napoli, 26 Gennaio 1945

All'On. Comando R.E.M.E. Fusaro

N a p o l i

e Transportation Sub-Commission A.C.

R-O M A

Preghiamo Questo On. Comando volere autorizzare la Fabbrica Accumulatori Partenope di Casalmuovo a fornirci le parti di accumulatori elettrici indicate nell'allegato elenco per sostituire quelle esauste ora in servizio nelle nostre vetture e non più sufficienti per il funzionamento dei freni di esse.

Sono quindi elementi indispensabili per garantire la continuità del servizio e la sicurezza dei viaggiatori, e se mancasse la possibilità di disporre della energia elettrica in misura sufficiente da farli funzionare rapidamente, sarebbe senz'altro ordinata la sospensione dell'Esercizio.

Sottoponiamo alla Vostra considerazione l'importanza che ha per Napoli questa Funicolare che unisce il centro urbano col Rione Vomero, il più popolato della collina, e che trasporta in media circa 30000 persone al giorno.

Fidenti che vorrete benevolmente accogliere questa nostra istanza ringraziamo sentitamente.

Con osservanza.

IL DIRETTORE DELL'ESERCIZIO
(firma illeggibile)

Soc. per Azioni Funicolare Centrale Napoli

CAPITALE L. 24.000.000 INTERAMENTE VERSATO

SEDE IN NAPOLI

AMMINISTRAZIONE PRESSO FIDUCIARIA IMMOBILIARE - SOCIETÀ PER AZIONI

AGENZIA DI NAPOLI - VIA G. VERDI, 18

Direzione Esercizio Vomero

Tel. 13-868

C.P. C. NAPOLI N. 24155
TELEFONI 13-454
13-008

Naples, Jan. 26th. 1945

Command R.E.M.E. e Transportation Sub Commission A.C.

Fusaro
Naples.

R O M A

=====

UFFICIO RECAPITO IN ROMA
VIA DEL GAMBERO, 37 - Tel. 62-696

Subject: Parts of Accumulators

We are asking you to kindly authorize the " Fabbrica Accumulatori Partenope " in Casalnuovo, to furnish us the parts of electric accumulators , as per list attached .

We must substitute the same exhausted parts now in service on our cars rope-railway and no more sufficient for the movement of the brakes.

The parts we are asking, are absolutely necessary to guarantee the running of the service and the safety of the travellers .

If for lack of the necessary electric power the brakes could not rapidly operate, we shall be obliged to stop the running of the rope railway.

We draw your attention on the importance of this rope-railway joining the centre of the city to the Vomero, the most peopled quarter of the hill, and carrying about 30.000 persons per day.

Trusting our request will have the best attention, thank
ing you in advance, we remain,

Yours very truly

1165

A FUNICOLARE CENTRALE NAPOLI

UFFICIO RECAPITO IN ROMA
VIA DEL CAMBIO, 37 - Tel. 62-696

C. P. C. NAPOLI N. 24183
TELEFONI } 25-4514
 } 13-666

Direzione Esercizio Vomero
Tel. 13-363

Naples, Jan. 26th, 1945

Command R.E.M.E. e Trasportation Sub Commission A.C.
Fusaro
Naples.

R O M A
=====

Subject: Parts of Accumulators

We are asking you to kindly authorize the " Fabbrica Accumulatori Partenope " in Casalcuovo, to furnish us the parts of electric accumulators , as per list attached .

We must substitute the same exhausted parts now in service on our cars rope-railway and no more sufficient for the movement of the brakes.

The parts we are asking, are absolutely necessary to guarantee the running of the service and the safety of the travellers .

If for lack of the necessary electric power the brakes could not rapidly operate, we shall be obliged to stop the running of the rope railway.

We draw your attention on the importance of this rope-railway joining the centre of the city to the Vomero, the most peopled quarter of the hill, and carrying about 30.000 persons per day.

Trusting our request will have the best attention, thanking you in advance, we remain,

Yours very truly

1165

I enclosure.



A. A. FUNICOLARE CENTRALE NAPOLI
M Direzione dell'Esercizio

Soc. per Azioni Funicolare Centrale Napoli

CAPITALE L. 24.800.000 INTERAMENTE VERSATO

SEDE IN NAPOLI

AMMINISTRAZIONE PRESSO FIDUCIARIA IMMOBILIARE - SOCIETÀ PER AZIONI

AGENZIA DI NAPOLI - VIA G. VERDI, 18

C.P.C. NAPOLI N. 24188

TELEFONI) 25-454
) 13-068

Direzione Esercizio Vomero

Tel. 13-863

Napoli, 26 Gennaio 1945

All'Onle
Comando R.E.M.E. e Transportation Sub Commission A.C.
Fusaro

R C M A

N A P O L I

UFFICIO RECAPITO IN ROMA
VIA DEL GAMBINO, 37 - TEL. 62-696

Pregiamo Cotesto Onle Comando volere autorizzare la Fabbrica Accumulatori Partenope di Casalnuovo a fornirci le parti di accumulatori elettrici indicate nell'allegato elenco per sostituire quelle esauste ora in servizio nelle nostre vetture e non più sufficienti per il funzionamento del treno di esse.

Sono quindi elementi indispensabili per garantire la continuità del servizio e la sicurezza dei viaggiatori, e se mancasse la possibilità di disporre della energia elettrica in misura sufficiente da farli funzionare rapidamente, sarebbe senz'altro ordinata la sospensione dell'Esercizio.

Sottoponiamo alla Vostra considerazione l'importanza che ha per Napoli questa Funicolare che unisce il centro urbano col Rione Vomero, il più popolato della collina, e che trasporta in media circa 30000 persone al giorno.

Fidanti che vorrete benevolmente accogliere questa nostra istanza ringraziamo sentitamente.

Con osservanza

1164

S.A. FUNICOLARE CENTRALE NAPOLI

Il Direttore dell'Esercizio



UFFICIO RECAPITO IN ROMA
VIA DEL GAMBERO, 37 - TEL. 62-696

C.P.C. NAPOLI N. 5482
TELEFONI 13-555
13-556

AGENZIA DI NAPOLI - Via G. Verdi, 18

Direzione Esercizio Vomero

TEL. 13-888

Napoli, 26 Gennaio 1945

All'Onle
Comando R.E.M.E. e Trasportation Sub Commission A.C.
Fusaro

R O M A

N A P O L I -

Preghiamo Cotesto Onle Comando volere autorizzare la Fabbrica Accumulatori Partenope di Casalnuovo a fornirci le parti di accumulatori elettrici indicate nell'allegato elenco per sostituire quelle esauste ora in servizio nellenostre vetture e non più sufficienti per il funzionamento dei freni di esse.

Sono quindi elementi indispensabili per garantire la continuità del servizio e la sicurezza dei viaggiatori, e se mancasse la possibilità di disporre della energia elettrica in misura sufficiente da farli funzionare rapidamente, sarebbe senz'altro ordinata la sospensione dell'Esercizio.

Sottoponiamo alla Vostra considerazione l'importanza che ha per Napoli questa Funicolare che unisce il centro urbano col Rione Vomero, il più popolato della collina, e che trasporta in media circa 30000 persone al giorno.

Fidenti che vorrete benevolmente accogliere questa nostra istanza ringraziamo sentitamente.

Con osservanza

1164

S.A. FUNICOLARE PORTUALE NAPOLI

Il Direttore dell'Esercizio



Soc. per Azioni Funicolare Centrale Napoli

CAPITALE L. 24.800.000 INTERAMENTE VERSATO
SEDE IN NAPOLI

AMMINISTRAZIONE PRESSO FIDUCIARIA IMMOBILIARE - SOCIETA PER AZIONI
AGENZIA DI NAPOLI - VIA G. VERDI, 18
DIREZIONE ESERCIZIO VOMERO
Tel. 13-388

C. P. C. NAPOLI N. 24185
TELEFONI 25-154
13-388

Allegato alla lettera in data 26/I/45
All'Onle Comando R.E.M.E. e Trsportation Sub Commission A.C.
(-Fusaro-) Napoli-
R C M A

Parti di accumulatori elettrici da 150 Amp. della Fabbrica Accumula-
-tori Partenope.

Nº 840	Placche	S +
" 950	"	S -
" 100	Strisce di piombo	S 8 p.v. +
" 100	"	S 8 p.v. -

2 February 1945
Approved for cash purchase

OFFICIAL:
ARMED COMMISSION
<i>Armed Commission</i>
Public Utilities Section Southern Region

[Signature]

1163

Ministry of Transports
I S R General Direction
Works and Constructions Service
Subject: Maintenance of batteries

Rome 26 APR 1945
L. 8/240/17419/151/422/Nap/3cca/4041/33

Headquarters

~~TN Sub. Commission~~
~~Military Railway Service~~

- 1) Your letter AC Mat/3/5/In 4 dated 15 March 1945 refers.
- 2) On 16 April the railway car 130668, loaded with 30 batteries allotted for ambulance train at Taranto, departed from Naples Campi Flegrei. The movement has been shipped with bill of freight S4210/15, same date.

Director General
sgd Di Raimondo

NC Ca 26/4

1182



135
MINISTERO DEI TRASPORTI
~~MINISTERO DEI TRASPORTI~~
FERROVIE DELLO STATO - DIREZIONE GENERALE
(Servizio Lavori e Costruzioni)

OGGETTO. Manutenzione batterie

Roma, li 26 APR 1945 104 - A
L.8/24C/47419/151/423/Nap/Scal
Al N. del 4041/33

DIREZIONE GENERALE
MILITARY RAILWAY SERVICE

1°) Si fa riferimento alla nota AC.Mat./3/5/Tn.4 del 15 Marzo p.p.

2°) In data 16 corrente è partito da Napoli C.F. carro 130668
contenente 30 batterie destinate a Taranto per treno ospedale.

La spedizione è scortata dalla lettera di porto 34210/15
stessa data.

IL DIRETTORE GENERALE

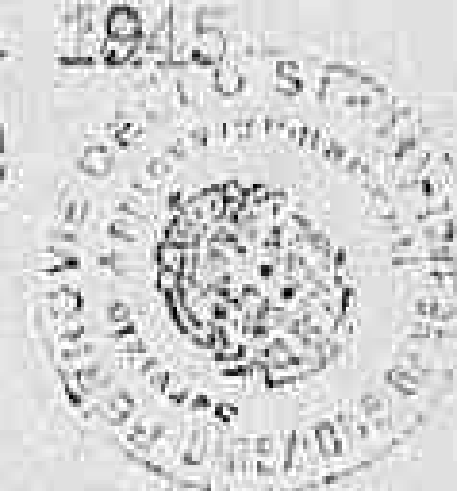
Indi Raymond

Stab. Tip. Puccini - Arcana - Ord. 37 - 30-6-12-XX - 1.701.950 h. 1.

Ministry of Transports
I.S.R. General Direction
Stores Service

8 APR. 1945
Rome April 1945

ACB A/595/60/ACC



Subject:
Batteries.

Allied Commission
Transportation Sub Commission
Rail Division
C/o Transportation Increment - CMF.

R o m e

Letter AC/Mat/3.5/Tn.4 dated 15 March 1945 was sent by you to I.S.R. Works Service, that are awaiting for acknowledgement from Ufficio Impianti Elettrici e di Segnalamento (Ferelettrico) of Naples about shipment to Taranto of repaired batteries.

Chief of Service
Signed: Eng. Bracci

Ca.7/4/cb.

1150

8 APR. 1945
Roma li. Aprile 1945 - A
N. A.38A/595/60/ACC
Al N. del

TRANSPORTATION SUB-COMMISSION A.C.
(Rail Division)

C/o Transportation Increment C.M.F.

R O M A

La lettera AC.Mat 3.5. Tn 4 del 15/3 u.s. venne da codesta Commissione inviata al Servizio Lavori, che attende conferma dall'Ufficio Impianti Elettrici e di Segnalamento (Ferelettrico) di Napoli dell'avvenuta spedizione a Taranto delle batterie riparate.

IL CAPO DEL SERVIZIO

ing 1894

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1159

OML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

Tel. 843191-11
Our Ref: AC/Met/3/5/Tn 4

15 March 1945

URGENT

SUBJECT : Batteries.

TO : Chief of Stores Section I.S.R.

1. Transportation Officer at Bari reports that on 16 Feb. 45, there was despatched to Campi Flegrei from Taranto, rail wagon No 109046 loaded with batteries for repairs Partenope.
2. Please make investigation and have the repaired batteries returned quickly as they are urgently wanted for ambulance trams.
3. Advise when batteries will be returned.

Cml
O.H. LINDBERG
Lt. Col. R.E.
Chief, Rail Division

Ministry of Transports
I.S.R. General Direction
Stores Service

²⁰
Rome March 1945

A.38 A./469/813/ Gen. Cav. /icen/3349/33

Subject:
Electric batteries

3/4
— Allied Commission
Transportation Sub Commission
Rail Division
Transportation Increment
Attention Major Long
—Building—

1. Reference letter dated 7 March 1945, file AC/Mat.3/4/Tn.4.
2. We already got in touch with Firm Hellesens, asking for their bid to supply electric batteries.
3. When dealings will be completed, we will let you know items and quantities to be released.

Director General
Signed: Di Raimondo

Ca.19.cb.



MINISTERO
DELLE COMUNICAZIONI
E TRASPORTI
FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO APPROVVIGIONAMENTI

OGGETTO

File elettriche

ALLEGATI N.

Roma, 20 Marzo 1945 - A.

N. A38A/459/813/Gen.Cav.
1004/3349/33

Al N.

del

— ALLA SOTTO COMMISSIONE TRASPORTI A.C.
(Divisione Ferrovie) Incremento
Trasporti

S E D E

(All'attenzione del Sig.Magg.Long)

- 1) - Riferimento al foglio AC/Mat.3/4/Tn.4 del 7 corrente.
- 2) - Con la Ditta Hellesens siamo già in corrispondenza ed abbiamo chiesto offerta per fornitura di pile elettriche.
- 3) - Dopo concluse le trattative con tale Ditta si farà seguito per fare conoscere le voci ed i quantitativi dei materiali che occorrerà fare sbloccare.-

IL DIRETTORE GENERALE

Lido Ramond

GL.

1157

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

Tel. 447

SGR/eg

Ref. AG/5595/100

2 March 1945

SUBJECT : Electric Power

TO : Regional Commission of Lazio-Abruzzo Region
(Attn: Regional Engineer)

1. Herewith in duplicate application for electric power as detailed below.

2. a) Name of Factory : Mario Coppola
b) Location : Via Assisi 109, Rome
c) Peak-load : 50 Kw. 20,000 hrs. - 0600 hrs.
10 Kw. 0600 hrs. - 0800 hrs.
30 Kw. 0800 hrs. - 2000 hrs.
d) kWh/month : 28,000 kWh/month
e) Required : as soon as possible
f) Justification : Power is already allotted to this factory from A.S.E.A. power line but the service is very irregular and the factory efficiency has therefore fallen considerably.

The factory takes dry batteries which are urgently required by the Italian State Railways and by Telephone communications.

The firm states that a power line of A.S.E.A. passes within 35 metres of their factory and request that a temporary connection be made to this line until A.S.E.A. are able to provide a regular supply. Material and labour to carry this out can be provided by Coppola.

By command of Rear Admiral WIGGS :

Copy to:-

A.S. Lazio-Abruzzo Region
(Attn: Industry Div.)
Transportation B/C
Public Works & Gr. S/C
Communications B/C
File 5628.

S.S. VIGORINI,
Director,
Industry Sub-Commission.

1156

CML

TRANSPORTATION SUB-COMMISSION, AO.
(RAIL DIVISION)
C/o Transportation Increment
G.M.F.

7 March 1945

Tel. Firebox-11
Our Ref: AG/Mkt/3/4/Tn 4

SUBJECT: Batteries for I.S.R.

TO : Director General I.S.R. BLS.

1. Reference your A.28 A/422/813/3 Cav dated 4 February in regard to the firm of Compola now being in a position to furnish batteries to the I.S.R.

2. The matter has been referred to the Industry Sub-Commission who has requested the connection to the S.R.E. power line.

3. The Industry Sub-Commission advise that it is now possible for I.S.R. to have batteries manufactured by "Willemsen", via protocol 8 Rome. This firm until recently controlled by BADOS has now been released from Army contract and the factory is now ready to go into production.

A copy of their Brochure is enclosed for your information.

4. Please place orders with this firm for your requirements advising promptly of the orders placed as it will be necessary for this Headquarters to keep the Industry Sub-Commission informed so they can release the necessary controlled materials used in the manufacture and also for the finished product, as this item is at present also controlled.

5. It is expected that you will be able to receive all of your requirements from the two a/m firms.

Auth
O.H. LINDBERG
Lt. Col. A.S.
Chief, Rail Division

CC. Ing. Bracci with 1 Encl as for para 5 above

1155

Tel. 447

03/3 HGR/ag

Ref. AC/5595/IND.

8 March 1945

SUBJECT : Batteries for I.S.R.
TO : Transportation Sub-Commission ✓
(Attn.: Rail Division)
FROM : Industry Sub-Commission.

1. Ref. your AC/Mat/3/3/Tn 4 dated 26 February 1945.
2. Application will be made for the electric power allocation to "Coppola" as requested.
3. It is now possible for you to have batteries manufactured by "Bellesens", Via Pretoriana 8 - Rome. This firm until recently controlled by DADOS has now been released from Army contract and the factory is now ready to go into production.

A copy of their Brochure is enclosed for your information.
4. Will you please keep us informed of any orders you intend to place with this firm so that arrangements can be made for release of the necessary controlled materials used in the manufacture and also for the finished product as this item is at present also controlled.

Copy to : (w/o incl.)
Economic Section.

W. S. Vaughan
W. S. VAUGHAN
Director,
Industry Sub-Commission.

1 Incl. :
Brochure as per para
3 above.

1154

GML/av

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL DIVISION)
C/o Transportation Increment
C.M.F.

26 February 45

Tel. 843191-II
Ref. AC/Mat/3/2/Tn 4

TO : HQ.AC. Industry Sub-Commission APO 394
Attn: Major H.G.Reid.

SUBJECT : Batteries for I.S.R.

1. Reference is made to correspondence in connection with the furnishing of dry cell batteries to the Italian State Railways by the firm of Superspila, Florence.
2. The I.S.R. now advise that Superspila will be unable to furnish the dry cells on account of lack of certain raw material which are difficult to obtain.
3. They advise that the negotiations have been concluded and it is no longer necessary to supply Superspila with 100 Kw. of electric power as requested.
4. The firm Coppola is now in a position to supply 20,000 batteries at once to the I.S.R. and to take care of their further requests.
5. The firm Coppola is located at Via Agnisi 103 and is furnished electric power from the A.C.E.A. power lines, however the service is irregular and the factory cannot be operated with any degree of efficiency.
6. The electric power line of S.R.E. reaches within 35 meters of the Coppola factory and it is requested that a temporary line be constructed so that S.R.E. may furnish power until A.C.E.A. is capable of connection.
7. The daily consumption of power is about 830 Kw hrs. according to the following schedule:

2000 to 0600 hours	50 Kw.
0600 to 0800 "	10 "
0800 to 2000 "	30 "

1153

./.

- 2 -

8. So much time has been lost in the negotiations with Superpile that the need of dry cells is very urgent.

9. Will you please make the necessary request for the connection to S.R.A.

Cub
O.H. LINDBERG
Lt. Col. R.E.,
Chief, Rail Division

Encl 1 letter

HEADQUARTERS ALLIED COMMISSION
A/O 392
INDUSTRY SUB-COMMISSION

*File
dtd.*

HGR/SS

13 February 1945

Tel. 447

Ref. AG/5595/IND.

SUBJECT : Lead for Battery Manufacture.

TO : ADOS (a) ~~TYPE I of C~~ CME

1. Ref. your 2264/3(171) of 7 Feb. 1945, enquiries have already been made on your behalf on the availability of lead suitable for battery manufacture at "Partenope" Naples.

2. The attached copies of cables indicate that 250 tons of suitable lead is available now at Montevocchio Sardinia.

3. It is recommended that you apply to ADOS (I)B for release of this lead and arrange shipment at once, as it is agreed that your requirement carries higher priority than Montecatini.

4. For future production, your requirement of 36 t/month can easily be met if coke is supplied for smelting (1 ton coke/ton lead) and orders are given in say 250 T. lots.

5. "Partenope" is the only factory in liberated Italy at present, where plates can be cast and posted, and as AC requirements for reconditioned batteries are increasing daily and the need is now critical, information is requested on the possibility of casting certain numbers of civilian type plates for essential services under AC control.

The services for which batteries are required are as follows:

Railways: a) for signals and train lighting: passenger and Red Cross trains

Road : b) for ~~AT~~ company vehicles carrying essential food and maintenance supplies under AC control

c) for requisitioned cars.

1152

It is fully expected that AC needs are greater than "Partenope" can supply, but it would be appreciated if a member of this staff could meet and discuss with your officers concerned a programme which you would be prepared to consider and which would make the best use of any spare manufacturing capacity available. This request is made in the belief that the production at "Partenope" could be increased to correspond with a monthly consumption of 45 T. pure lead and has hitherto been kept to the lower figure on account of lead shortage.

An early reply to this request would be appreciated as the requirements are really urgent.

6. Any further assistance required in obtaining supplies e.g. Antimony etc., will gladly be given by this Sub-Commission.

For the Chief Commissioner :

(Signed) W. S. VAUGHAN
W. S. VAUGHAN
Director,
Industry Sub-Commission

Copy to :
JFKS (1/B)
DOS AMHQ
DSE AMHQ
S-OS CP & P Italy
Transportation S/C

2 Incls.:

copy cable AGU 4
dtd. Feb. 6 45
from Regional Mining Div. Alcom Sardinia
copy cable AGU-10
dtd. 11 Jan. 45
from Regional Mining Div. Sardinia.

C O P Y

REGIONAL MINING DIVISION

MESSAGE FORM

Precedence: Priority
Security : Confidential
To : Hq. Alcom Mining Division
From : Regional Mining Division Sardinia cite AGU-10
Date : 11 Jan 1945

METALLIC LEAD IS SUBJECT YOUR 9036 REFERS PD APPROXIMATELY
TWO HUNDRED AND FIFTY RPT TWO FIVE ZERO TONS AVAILABLE
MONTEVECCHIO IF RELEASE IS OBTAINED FROM MINISTRY OF TRANSPORT
ITALIAN GOVERNMENT ROME PD MONTECATINI MADE PRIOR BID FOR THIS
TONNAGE PD MONTEPONI PRODUCTION CONVERTED RED LEAD FOR BRITISH
ORDNANCE PD LEAD NOT BEING SMELTED BECAUSE NO COKE PD

End signed MATTHEWS

Info. copy INDUSTRY & COMMERCE OFFICER

Prepared by: A. Fred Manna Cpl. AC

Authentic by:

1150

C O P Y

AGU 4

D/ 1018

FEB 6

FEB 081000

ROUTINE

REGIONAL MINING DIV ALCOM SARDINIA

HQ ALCOM INDUSTRY SUB COMMISSION MINING DIVISION

CONFIDENTIAL.

Metallic lead is subject 1104 refers. Lead 99.88 to 99.99 pure contains .0015 silver, .0042 antimony, .001. 5 bitmuth, traces nickel and iron. End Signed MATTHEWS

DIST

ACTION	INDUSTRY SC (2)
INFO	A/PRESIDENT
	CHIEF COMMISSIONER
	ECOM SEC
	FILE (2)
	FLCAT

• 1149

4 FEB. 1945

Roma,

Febbraio 5

Thos. August Spunkins by Tr. Slat. (Major Chaplin.)

in lettera a Rail Div.

A 38 M/422/315/3007.

7000. 2516/33

Servizio Approvv. ti

ALLA DIREZIONE GENERALE

MILITARY AIRWAYS SERVICE

(All'attenzione del Sig. Cap. Willis)

Approvvigionamento
pile elettricheR O M A

- 1) - Com'è noto si è trattato con la Superpila per la fornitura delle pile elettriche che ci occorrono, ma le pratiche non hanno avuto alcun esito perchè oltre all'assegnazione dell'energia elettrica e del gas la Ditta ha chiesto una rilevante quantità di materie prime di difficile approvvigionamento e non ha ancora presentato il regolare impegno di fornitura.
- 2) - Il bisogno delle pile, a causa del lungo tempo trascorso, è diventato preoccupante per le conseguenze che la loro mancanza arrecerebbe alla circolazione dei treni.
- 3) - Essendo venuti a conoscenza che la Ditta Mario Coppola di Roma è riuscita a rimettere in efficienza il proprio Stabilimento di Via Assisi, che era stato messo fuori uso da azioni belliche, si sono iniziate trattative con tale Ditta.
- 4) - Tali trattative sono ora concluse, pertanto odessa Direzione Generale può soprassedere alla concessione dei 100 Kw che la Superpila aveva chiesto.
- 5) - La Ditta Coppola si è impegnata con noi di fornirci subito n. 20.000 pile e di soddisfare tutte le nostre ulteriori richieste il cui fabbisogno è già stato comunicato a codesta Direzione Generale.

• 1148

La Ditta Mario Coppola è stata collegata alla rete dell'A.C.R.A. (Azion

Approvvigionamento
pile elettriche

MILITARY RAILWAYS SERVICE

(All'attenzione del Sig. Cap. Ellis)

E O M A

- 1) - Com'è noto si è trattato con la Superpila per la fornitura delle pile elettriche che ci occorrono, ma le pratiche non hanno avuto alcun esito perchè oltre all'assegnazione dell'energia elettrica e del gas la Ditta ha chiesto una rilevante quantità di materie prime di difficile approvvigionamento e non ha ancora presentato il regolare impegno di fornitura.
- 2) - Il bisogno delle pile, a causa del lungo tempo trascorso, è diventato preoccupante per le conseguenze che la loro mancanza richiederebbe alla circolazione dei treni.
- 3) - Essendo venuti a conoscenza che la Ditta Mario Coppola di Roma è riuscita a rimettere in efficienza il proprio Stabilimento di Via Issisi, che era stato messo fuori uso da azioni belliche, si sono iniziate trattative con tale Ditta.
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- 5) - La Ditta Coppola si è impegnata con noi di fornirci subito n. 20.000 pile e di soddisfare tutte le nostre ulteriori richieste il cui fabbisogno è già stato comunicato a codesta Direzione Generale.
- 6) - La stessa Ditta è però allacciata alla rete dell'A.C.M.A. (Azioni da Comunale Elettricità Acqua) che fa un servizio di erogazione

• 1148

Ministry of Transports
ISR General Direction
Stores Department

Rome 4 Feb. 1945

A. 38 A/422/813/3 CAV

Subject: Supply of electric batteries.
TO: Director M.R.S. - Bldg.

1) As already known, this General Direction has been negotiating with the firm Superville the supply of the batteries, but no practical results were obtained because Superville has requested, besides gas and cl. power, important quantities of raw materials which are very difficult to be purchased while no definite tender has been submitted yet.

2) The necessity of batteries, on account of the time elapsed, has become an impeding one owing to the consequences of the lack of batteries for the operation of the trains.

3) This General Direction has been informed that the firm Mario Coppola of Rome has re-habilitated its own factory, which had been damaged by the war, and new negotiations have been stated with above firm.

4) Above negotiations have been now concluded and it is no longer necessary to supply Superville with 100 Kw cl. power.

5) The firm Coppola is in a position to supply at once 20.000 batteries and to cover all further requirements, already submitted to you, of this Administration.

6) The firm Coppola has pointed out that they are presently connected with the power network of ASEA, whose supply of power is so irregular that the possibilities of a factory cannot be actually exploited. Btw 1 and 21 Jan. ult. cl. power was supplied only during 47 hrs out of a total of 136 working hrs.

7) The firm Coppola is located at Via Assisi n°105 while the net-work of S.R.E., whose supply is much more regular, arrives as far as to N°95 of the same street, that is only 35 mt. from former point.

8) The firm Coppola requests for authorization to lay down an emergency connection tri-phase, 220 volt, with S.R.E. network in order to may receive the power also during A.C.E.A.'s inactivity. Coppola is prepared to supply both material and man-power for above work.

9) The daily consumption of power is abt. 880 Kw hrs according to following schedule: from 2000 to 0600 hrs : 50 Kw corresponding to 500 Kw Zos
" 0600 to 0800 " 10 " " 41,4 20 " "
" 0800 to 2000 " 30 " " 11,4 360 " "

10) You are therefore kindly requested to arrange for granting from Coppola the authority to carry out above connection.

Ministry of Transports
I.S.R. General Direction

Rome 20 FEB 1945

L. 240/5035/151/422 *peccaf*

2835/33

Subject:

Maintenance of trains
accumulators batteries.

Allied Commission
Transportation Sub Commission

Headquarters

Military Railway Service

Building

1. Further our letter dated 14 February, file ICCA/2722/33

2. To carry on maintenance of accumulators batteries for trains lighting, we should avail of lead grid plates, 1st casting, forming the plates, as well as of a certain quantity of lead dust to form the mixture.

3. At present it is very difficult to secure and equip the grinding machine, which is expensive, to obtain lead dust by grinding raw material.

3. As a complete installation for grinding lead is located at Casalnuovo plant, Naples, requisitioned by REME, it would be appreciated if your HQ. should instruct said plant to carry out periodically the grinding of a certain stock of lead. The raw material should be delivered to the plant by I.S.R. IES Office of Naples, to which the lead dust should be returned.

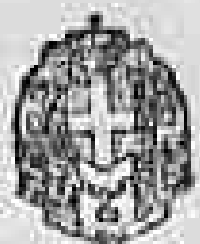
4. Your acknowledgment would be greatly appreciated, in order to issue proper dispositions to the said IES Office.

Director General

F. B. DI RAPIGNO

1146

Ca.19.cb.



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

Roma 20 10 1945

194 - A

N.L. 8/240/5035/151/422 *Duca*
2835/33

Al N. _____ del _____

Commissione Alleata
Sotto Commissione Trasporti

Direzione Generale
Servizio Ferroviario Militare

OGGETTO

Manutenzione batterie
accumulatori per treni.

S E D E

ALLEGATI N. _____

1) - Si fa seguito della lettera ICCA/2722/33 in data 14 corrente.

2) - Per la manutenzione delle nostre batterie di accumulatori per la illuminazione dei treni, oltre alle griglie in piombo di la fusione formanti le piastre, è necessario avere a disposizione un certo quantitativo di polvere di piombo per formare la massa d'impasto.

3) - La polvere di piombo viene ricavata dalla macinazione della materia prima, con macchinario complesso e costoso, che al momento è difficilissimo a procurare e ad installare.

4) - Poichè nello stabilimento di Casalnuovo di Napoli, requisito dal R.E.M.E., esiste un impianto completo per la macinazione del piombo, sarebbe gradito se questo Comando volesse impartire disposizioni a detto impianto, perchè volesse consentire la periodica macinazione di una certa quantità di piombo, che verrebbe consegnato allo Stabilimento dal nostro Ufficio Impianti Elettrici e di Segnalamento di Napoli, al quale dovrebbe poi essere passata la polvere prodotta.

1125

./.

a.e.

5) - Sarebbe gradito avere un cenno di conferma per impartire le disposizioni necessarie al predetto Ufficio Impianti Elettrici e di Segnalamento.

IL DIRETTORE GENERALE

Luigi Ramonch

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

3/2
HGR/ci

Tel. 447

12 January 1945

Ref. AG/5595/IND.

SUBJECT : Manufacture of Dry Cells.

TO : Regional Commissioner, Toscana Region
(Attn.: Industry Division).

1. The attached correspondence is forwarded for your attention.
2. "Superpile" is the largest producer of dry cells in Liberated Italy and this Sub-Commission is in full support of its reactivation to manufacture dry cells for I.S.R.
3. The plant is operating for Sigs Resources Div. WFOUSA. Its production is in excess of their needs and it is agreed by WFOUSA that this production capacity can be used for A.C. requirements.
4. Will you therefore please get the necessary particulars (hours of working etc.) and make the bid for electric power to your Regional Engineer.
5. For your information this Sub-Commission is already in communication with Super-pile on subject of material requirements for batteries for I.S.R. and will make the necessary bids.

By Command of Rear Admiral STONE:

1144

(Signed) W. S. VAUGHAN

W. S. VAUGHAN
Director,
Industry Sub-Commission.

Incls.:

Copy letter from Transportation
S/C-Rail Section-Ref. AG.Mat/3/2/
In, dtd. 9 Jan. 45 w/Incls.

Copy to: (w/o Incls.)

✓ Transportation S/C-Rail Section-Attn.: Capt. Long.)

CML/ic

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL SECTION)
C/o Transportation Increment
C.M.F.

Tel: 84319

Our Reference: AC.Mat/3/2/Tn

9 January 1945

TO : Hq. A.C./ Industry Sub-Commission for I.S.R.
Attn: Major H.G.Reed

SUBJECT : Electric Batteries for I.S.R.

1. Attached are copies of correspondence received from the Director General, I.S.R. and Director of Military Railway Service regarding an increase in Electric Power allocated to the firm of Superpile, Florence, for the Manufacture of electric batteries of various types for Railway purposes.

2. The increase in Electric Power has the approval of D.M.R.S. and this Sub-Commission and is forwarded to you for your favorable consideration and handling.

to give full details of the quantities of each type of battery they proposed to order and also the distribution of such supplies were in their possession. Our object in requesting this information was to ensure that an increase in current would be justified from a military standpoint.

We are satisfied from the reply received - letter dated 17 Dec. 44 refers - that the I.S.R. request is genuine and requires our support.

O.H.LINDBERG
Lt.Col. R.E.,
Chief, Rail Section.

Please forward this application to the appropriate branch of the Commission and request that favourable consideration be given to the I.S.R. request.

1143

G.J. ELLIS
for Director,
Director Military Railway Service.

Subject: Electric Batteries.

Military Railway Service,
C.M.F.

Tel: Firebox 53.

File: Tn.A.2/76/1.

5 Jan. 45.

To: Transportation Sub Commission,
A.C.

1. Attached are copies of correspondence received from the Director General, I.S.R., regarding an increase in Electric Power allocated to the firm of Superpila, Florence, for the manufacture of electric batteries of various types for Railway purposes.

2. We requested the I.S.R. to give full details of the quantities of each type of battery they proposed to order and also the distribution once supplies were in their possession. Our object in requesting this information was to ensure that an increase in current would be justified from a military standpoint.

3. We are satisfied from the reply received - letter dated 28 Dec.44 refers - that the I.S.R. request is genuine and therefore merits our support.

4. Please forward this application to the appropriate branch of the Allied Commission and request that favourable consideration be given to the I.S.R. request.



G.J. ELLIS, S/Capt.,
for Brigadier,

Director Military Railway Service.

Enc.

371 E.

Translation
Ministry of Communications
I S R Direction General
Stores Service

6 November 1944

N.A.38 A/2810/ Gen/Gen/1001/1215/33

Subject:
Electric batteries

Direction General
Military Railway Service
R o m e

- 1) A survey at Fira Supergila, Florence, whereof file APC 400 dated 3 October, has been performed.
- 2) The above Factory has been damaged and plundered, but it is nevertheless in a condition to start again the works, especially for the products concerning this administration.
- 3) Electric power, however, is lacking. Only 15 Kw have been assigned for nightly hours, but the Supergila can not start again the works, as the cost of its workers are woken.
- 4) It is necessary that Florence Allied Authorities might supply the Supergila at least with 100 Kw of electric power per day.
- 5) It is necessary also to supply illuminating gas, even in a small quantity.
- 6) The urgent intervention of your Direction General at the local Allied Authorities should be highly appreciated.
- 7) Without these supplies, I S R Administration should be in lack of batteries, and, consequently, telegraph, telephone and signal plants of the whole railway system would be out of operation.

Director General
signed Di. Raimondo

Ca/agb

1141

Ministry of Communications

I. R. Stores Service

Rome, 22 December 1944
M. A38A/204/313/2 Cav. /PCA/1864/33

Subject: Supply of electric cells

To Military Railway Service
Rome

- 1) Ref. your letter M.A.2/76/1 dated 7 December 1944 -
 2) The quantity of electric cells required by note A38A/3105
 dated 29 Nov. 1944 - for each compartment is the following:

Type of the cells	Statement for a- years	M.	N.	P.	R.	S.	T.	U.	V.	W.	X.	Y.	Z.	Other
Cylindrical cells for te- legraph	160000	20000	20000	15000	25000	20000	20000	20000	20000	20000	20000	20000	20000	10000
Parallelleloiped cells for te- legraph	210000	13000	13000	18500	13000	13000	13000	13000	13000	13000	13000	13000	13000	8000
Parallelleloiped cells for signal operating posts	24000	2800	2800	5000	5000	2800	2800	2800	2800	2800	2800	2800	2800	2800
Parallelleloiped cells for signal lighting	(1) 2400	2800	2800	5000	5000	2800	2800	2800	2800	2800	2800	2800	2800	2800
Cells for lanterns of the travelling personnel	30000	2500	3500	5375	5375	5500	2500	3500	3500	3500	3500	3500	3500	1750
Total: 1140														

(1) Such type of cell has been left out from the attached list as by note
 A 38 N/3105 dated 29 Nov. 1944.

As for the 36,000 cells for the flash lamps we thought convenient to
 delay the purchase.

The General Director
 signed Bi Belmonte

- 1) Ref. year letter in A.A. 10/1/1944
- 2) The quantity of electric cells required by note A334/3105 dated 28 Nov. 1944 - for each compartment is the following:

Types of the cells	Stations for a year M.	Allocation for each Compartment									
		Firenze	Ancona	Roma	Napoli	Bari	Reggio C.	Palermo	Cagliari	Trieste	Genoa
Cylindrical cells for te- legraph	160000	20000	20000	25000	25000	20000	20000	20000	10000		
Paralleloiped cells for te- legraph	210000	13000	13000	18500	13000	13000	13000	13000	9000		
Paralleloiped cells for signal operating posts	24000	2800	2800	5000	5000	2800	2800	2800	2800		
Paralleloiped cells for signal lighting	(I) 2400	2800	2800	5000	5000	2800	2800	2800	2800		
Cells for lanterns of the travelling personnel	30000	3500	3500	5375	5375	3500	3500	3500	1750		
1140											

(I) Such type of cell has been left out from the attached list as by note A 334/3105 dated 29 Nov. 1944.

As for the 36,000 cells for the flash lamps we thought convenient to delay the purchase.

The General Director
signed Li Radinondo

Go 28ng

Subject: Electric Batteries.

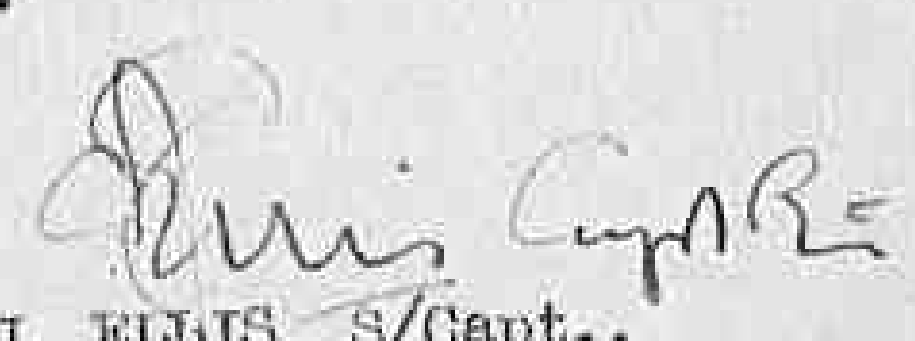
Military Railway Service,
C.M.F.
Tel: Firebox 53.

File: Tn.A.2/76/1.

12 Feb. 45.

To:- Tn Sub Commission AC. (Rail Section)

1. Further to our Tn.A.2/76/1 letter dated 5 Jan. 45.
2. Attached is copy of a letter received from the I.S.R. requesting cancellation of their original arrangement whereby batteries were to be manufactured in the "Superpila" plant at Florence.
3. The arrangement they now propose would appear to be more satisfactory in as much as they have succeeded in placing a contract with the firm Mario Coppola in Rome.
4. As it is considered that manufacture of the batteries, now long overdue, should commence as quickly as possible it would be appreciated if you would forward the request for an increased allotment of Electric power to the appropriate Sub commission of AC., confirming to this office in due course that action has been taken.


G.J. ELLIS, S/Capt.,
for Brigadier,
Director, Military Railway Service.

Enc.

COPY.

Rome, 9 February

I.S.R. Supply and Stores Service.

A 38 A/422/813/3 Cav/ICCA/2616/33

Subject: Supply of Electric batteries.
General Direction of Military Railway Service.

(att. of Capt. Ellis)

Rome.

1. As you know we have transacted with "Superpila" about the supply of electric batteries for our requirements, but the dealings reached no conclusion; for the Firm, besides the allotment of electric power and gas, required a large quantity of raw materials, that can be hardly supplied and has not yet presented the required supply contract.
2. The need of batteries, because of the long period of time already elapsed, is now very urgent because their lack could seriously affect the operation of trains.
3. As we heard that the Firma Mario Coppola - Rome - could restore their Factory of via Assisi, that has been damaged by war events, we started new transactions with said Firm.
4. We have now concluded these transactions, so this General Direction can stop the allotment of 100 KW required by "Superpila".
5. Firma Coppola, took the engagement of supplying us 20,000 batteries and to fulfil all our further requests, we have already shown to your General Direction the whole estimate of our requirements.
6. The said Firm is connected to the A.C.E.A. (Azienda Comunale Elettricità - Acqua) network that gives a very irregular supply so that it is not possible to rely on it for the production of an industrial plant. From 1 to 21 January out of 136 working hours, the Factory of Firma Coppola could only work for 47 hours from time to time.
7. The Factory of Firma Coppola is at N.105 - Via Assisi; up to n.95-35 meters from it, the buildings are connected to the network of Società Romana di Elettricità, that gives a more regular supply.
8. Firma Coppola asks therefore to be allowed to get connected to Società Romana network, during the periods of inactivity of ACEA network, by means of a switch and a triphase 220 Volts line; the Firm would care to settle the required plants by their own materials and workers.

See over.....

Pv ng 9/2

1138

9. The maximum load daily required by Firm Coppola is as follows:

50 KW from 8 p.m. to 6 p.m. corresponding to 500 KWh.

10 KW " 6 a.m. " 8 p.m. " " 20 "

30 KW " 8 a.m. " 8 p.m. " " 360 "

10. We urge therefore your General Direction to issue the necessary dispositions, so that the above mentioned Firm could be as soon as possible allowed to be connected to the network of Societa Romana.

The Director General
signed Di Raimondo

1. The need of the firm is to be connected to the network of Societa Romana.

2. The firm has been engaged by the firm to be connected to the network of Societa Romana.

3. The firm has been engaged by the firm to be connected to the network of Societa Romana.

4. The firm has been engaged by the firm to be connected to the network of Societa Romana.

5. The firm has been engaged by the firm to be connected to the network of Societa Romana.

6. The firm has been engaged by the firm to be connected to the network of Societa Romana.

7. The firm has been engaged by the firm to be connected to the network of Societa Romana.

See over.....

Ministry of Transports
I S R Direction General

Rome 18 FEB 1945
ICCA/2722/33

Subject: Batteries for accumulators
and for other train services

To Allied Commission
Transportation Sub Commission
= D.G. M.R.S.

- 1) The storage batteries for lighting, remained in the liberated territory amount approx. to 10.000 (namely 1/6 of the pre-war allotment), whereof about 7.000 in the area south of Rome-Ancona and 3.000 in the north one.
- 2) This quantity is only theoretical, because the most part of said batteries is not available, as they have remained for too long time unoperated, unchecked and exposed to weather inclemency. As a rule, we had to arrange that all batteries now used should be checked without delay.
- 3) The Firm Partenope of Naples, who since long time have been charged with the maintenance, handling, and charge of batteries for all the area south of Rome - Ancona (isles included) have made their utmost to master the situation. However, as, at present, their main plant, at Casalnuovo, is requisitioned by the Allies, and being in need of the indispensable raw materials, they are no longer in a position to face their engagements, and their activity is limited only at Campi Flegrei Factory, equipped by the I.S.R., where is made a proper selection in order to set up batteries through efficient cells taken away from other batteries. It is obvious that going on with such a system, the stock of usable batteries will be smaller and smaller and at last will be extinguished.
- 4) The same circumstances outlined for storage batteries, arise on regard of those needed for accessory services on electric engines (operated by continuous current) for telegraph - telephone plants, for phone

1127

- 1) The storage batteries for lighting, remained in the liberated territory amount approx. to 10.000 (namely 1/6 of the pre-war allotment), whereof about 7.000 in the area south of Rome-Ancona and 3.000 in the north one.
- 2) This quantity is only theoretical, because the most part of said batteries is not available, as they have remained for too long time unoperated, unchecked and exposed to weather inclemency. As a rule, we had to arrange that all batteries now used should be checked without delay.
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- 4) The same circumstances outlined for storage batteries, arise on regard of those needed for accessory services on electric engines (operated by continuous current) for telegraph - telephone plants, for phone switch-board and for central switch-shunt-signal-apparatus.

1197

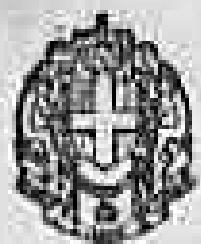
Na ng 13/2

./.

- 5) To regulate the railway operation it is necessary to improve at once the above unfavourable situation by arranging the release of the Caselnuovo's establishment or, at least, by authorizing said plant to work on behalf of this Administration, provided the supply of the required materials. These may be outlined as follows:
negative and positive plates, polarity connections, glass - pots, hidrosulphuric acid, lead in blocks, antimony, beech tree wood.
- 6) Another serious lacking is that of electric lamps and of accessories for electric light on engines and railway cars. It is obvious that, without such items, any eventual availability of accumulators would be useless.
- 7) We have reported the above facts in view of a more opportune intervention of your Offices and because we are under the impression that this matter - due to its nature and importance - deserves to be discussed at the next meeting of the Stores Sub Commission.

The Director General

F.to DI RAIMONDO



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

Roma 14 FEB 1945 194 - A

N. ICCA/9792/33

Al N. del

OGGETTO

Batterie per accumula-
tori e per altri servi-
zi dei treni.

ALLEGATI N.

COMMISSIONE ALLEATA
SOTTOCOMMISSIONE TRASPORTI
DIREZIONE GENERALE M.R.S.

- 1°) Le batterie accumulatori per illuminazione treni, rimaste in dotazione nel territorio liberato, avendo no, grosso modo, a circa 10.000 (1/6 della dotazione complessiva d'anteguerra) di cui circa 7.000 nella zona a sud della Roma-Ancona e 3.000 nella zona a Nord.
- 2°) Tale quantitativo è solamente virtuale, in quanto molte delle 10.000 batterie sono inutilizzabili, perchè rimaste molto tempo inoperose, senza alcuna revisione, esposte alle intemperie. A rigore si dovrebbe disporre che tutte quelle in servizio passassero senz'altro alla revisione.
- 3°) La Ditta Portenope di Napoli che ha da tempo l'appalto della manutenzione, della manipolazione e della carica delle batterie per tutto il territorio a sud della Roma-Ancona, isole comprese, ha fatto ogni sforzo per superare la situazione, ma trovandosi ora con il proprio stabilimento principale, quello di Casalnuovo, requisito dagli Alleati, priva delle materie prime indispensabili, non è più in condizioni di far fronte ai propri impegni e si limita nel laboratorio di Campi Flegrei, attrezzato da questa Amministrazione, ad operare una accurata selezione, per formare delle batterie con elementi buoni tolti ad altre batterie. E' quindi

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ovvio che, seguendo con questo sistema, la detrazione delle batterie utilizzabili andrà sempre più assottigliandosi, fino a scomparire del tutto.

4°) Ciò che si verifica per le batterie per l'illuminazione dei treni si ripete per le batterie necessarie ai servizi accessori sui locomotori a corrente continua, al telegrafo, ai telefoni, alle centraline telefoniche e degli apparati centrali di manovra scambi e segnali.

5°) Questo stato di cose, per la normalizzazione del servizio, andrebbe subito corretto, provvedendo alla derequisizione dello stabilimento di Casalboreo o quanto meno autorizzando lo stabilimento stesso a lavorare per nostro conto previa fornitura dei materiali all'uopo occorrenti, che si possono riassumere nelle seguenti principali voci: piastre e strisce positive e negative; connessioni di polarità; connessioni terminali; vasi di vetro; acido solforico; piombo in pani; antimonio; legname in faggio.

6°) Altra grave mancanza è quella relativa alle lampadine elettriche ed agli accessori per l'illuminazione elettrica delle locomotive e dei veicoli ferroviari. E' evidente che senza detti materiali ogni eventuale disponibilità di accumulatori non servirebbe.

7°) Si è voluto ricapitolare questo stato di cose per il più opportuno intervento di codesti Uffici, e sembrando che l'argomento, per la sua delicatezza ed importanza, meriti di essere trattato nella prossima seduta del Sotto Comitato degli Approvvigionamenti.

IL DIRETTORE GENERALE

Edoardo Raimondo

HEADQUARTERS
ALLIED CONTROL COMMISSION
INDUSTRY SUB-COMMISSION
APO 394
(CHEMICALS DIVISION)

WJM/ac

Tel. 328

23 September 1944

Ref. AGC/5595/IND

SUBJECT : Storage Batteries for I.S.R.
To : Transportation Sub-Commission

1. Your letter 12 September 44 addressed to Commerce Sub-Commission, copy to Industry Sub-Commission, is subject.
2. This Sub-Commission has made application for permission to survey the plant of the Fabbrica Accumulatori "Partenope" and REME who is in occupation of the premises has denied this request.
3. If the matter is sufficiently serious this Sub-Commission is prepared to make representations at a higher level.

For the Acting Chief Commissioner :

Copy to:
Director General, Mil. Ry. Serv.,
(Attn. AGM. Stores)
Commerce Sub-Commission
Economic Section

J. S. E. Todd
for J. S. E. TODD
Colonel,
Acting Director,
Industry Sub-Commission.

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Headquarters
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

12 September 1944

SUBJECT: Storage Batteries for I.S.R.

TO : Commerce Sub-Commission, A.C.C. - APO 394, US Army

1. The need for storage batteries, and materials with which to repair storage batteries, for necessary use in railway operations is serious. Stock of batteries, or repair parts of I.S.R., have been exhausted.

2. There is attached a list of batteries, and repair materials, which Italian State Railways were called upon to provide July 3. They have been unable to find the same available, to them, in unoccupied Italy.

3. Normally these needs were supplied by Fabbrica Accumulatori "Partenope" located at Casalmore di Napoli. It is understood that this plant is the only one of its kind operating in liberated Italy, and that it was taken over by RMSE in January, 44, and is being operated by them now, the control of the materials used being vested in D.M.E.-AAI.

4. There is attached, copy of letter from Director Italian State Railways, dated Aug. 7, to Transportation Sub-Commission, ACC; also copy of letter from ISR to Director General, Military Railway Service, which are self-explanatory, of inability to procure the necessary batteries, or parts, except through the facilities of Fabbrica Accumulatori Partenope.

5. It is indicated in reference letters from ISR that a part of the plant is not being used, and could be restored to operation, if further plant capacity is required. The facts in this regard are not known to this Sub-Commission.

6. In any event, it is submitted that the need for batteries and parts in railway operations justify a high priority.

7. It is therefore requested that action be taken to enable ISR to procure batteries and parts essential to railway operations.

D. S. Adams, Major
D. S. ADAMS, Col. CE.,
Director - Transportation Sub-Comm.

CC (1) Director General, Mil.Ry.Serv., (Attn- AGM.Stores) ✓
(2) Industry Sub-Commission, ACC.

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LIST OF BATTERIES AND PARTS

100 Batteries for Sardinia

500 Type A (12 V Locomotive and car batteries)

300 Type B (4 V for signal equipment)

200 Auto Type (6 V for Diesel rail cars)

1200 Wood separators, corrugated, $6\frac{3}{16}$ " high x $6\frac{5}{8}$ " wide, and thickness of separators measured on and between corrugations is $\frac{1}{16}$ " x $\frac{3}{64}$ ", respectively.

200 lbs. Battery sealing compound.

36,000 corrugated wood separators, $7\frac{3}{4}$ " high x $5\frac{3}{16}$ " wide, and thickness of separators measured on and between corrugations is $\frac{3}{32}$ " and $\frac{3}{64}$ " respectively.

36,000 Spun glass sheets, size 12" x $8\frac{1}{4}$ " x $\frac{1}{32}$ "

3,600 Wood separators $6\frac{1}{2}$ " high x $5\frac{5}{8}$ " wide and $\frac{1}{32}$ " thick without corrugation. NOTE: If no. separators this thin are available, thicker corrugated separators may be used.

8,400 Wood separators, corrugated, $6\frac{3}{16}$ " high x $6\frac{5}{8}$ " wide and thickness of separators measured on and between corrugations is $\frac{1}{16}$ " x $\frac{3}{64}$ " respectively.

90 batteries } To Sardinia 8/19/44
8 bat. acid } (By 760 Diesel)

MINISTRY OF COMMUNICATIONS

I. S. R.
GENERAL DIRECTION

Translation

Rome 30 August 1944

Our reference:
I.S./249/3740/151/406

Subject:

Material for repairing
accumulators batteries.

GENERAL DIRECTION
MILITARY RAILWAY SERVICE
= BUILDING =

1. Re: letter dated 9 July 1944, enlisting materials for accumulators batteries.
Said list, forwarded to I.S.R. General Direction by Colonel L.F. Mc. Padden, T.C. requested the above materials be supplied by the same source which previously furnished I.S.R. Administration.
I.S.R. Administration received no direct supplies of materials for accumulators batteries and had no warehouses of their own for them.
Maintenance, preparing and charging works for I.S.R. accumulators batteries were previously carried out by the two following private firms:
1) Fabbrica Accumulatori Partenope (F.A.P.) - Establishment at Casalnuovo di Napoli - working for the Areas South of the Roma Ancona line (Sicily and Sardinia included).
2) Fabbrica Italiana Magneti Marelli - Establishment at Sesto S. Giovanni (Milan), working for the Areas North of said line.
- 2.
- 3.
4. For what above, we are not in a position to furnish the requested materials.

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Material for repairing
accumulators batteries.

MILITARY RAILWAY SERVICE

- BUILDING -

1. Re: letter dated 9 July 1944, enlisting materials for accumulators batteries.

Said list, forwarded to I.S.R. General Direction, by Colonel M.F. Mc. Fadden, T.C. requested the above materials be supplied by the same source which previously furnished I.S.R. Administration.

2. I.S.R. Administration received no direct supplies of materials for accumulators batteries and had no warehouses of their own for them.

3. Maintenance, repairing and charging works for I.S.R. accumulators batteries were previously carried out by the two following private firms:

- 1) Fabbrica Accumulatori Partenope (F.A.P.) - Establishment at Casalenuovo di Napoli - working for the Areas South of the Roma Ancona line (Sicily and Sardinia included).
- 2) Fabbrica Italiana Magneti Marcelli - Establishment at Sesto S. Giovanni (Milan), working for the Areas North of said line.

4. For what above, we are not in a position to furnish the requested materials.

According to our opinion, the best thing out would be to put the F.A.P. Shop in a condition to completely work again, in accordance with one of the solutions shown in our letter I.3/240/14535/151/406 -

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dated 7 August 1941 and addressed to A.S.O., whereof a copy is attached.

In the very interest of M.R.S., we beg your Command to afford prompt attention to the above matter, whereof preceding Para 4.

With the occasion, reference is made to the former letter I.S./20/5054 dated 24 June and forwarded to your Command by State Under Secretary-ship for Railways, Motorization, etc., covering handlings to be issued for repairing accumulators batteries.

DIRECTOR GENERAL

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Letter L.S./20/5054 dated 24 June and forwarded to your Command by State Under Secretaryship for Railways, Motorization, etc., covering handlings to be issued for repairing accumulators batteries.

DIRECTOR GENERAL

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MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

Roma 30 - 8

1944 - A.

L.8/240/8740/151/406

Al N. _____ del _____

OGGETTO

Materiale per riparazione
batterie accumulatori

ALLA DIREZIONE GENERALE

DEL MILITARY RAILWAY SERVICE

S E D E

ALLEGATO N. 1

- 1°) - Ci riferiamo all'elenco di materiale per batterie accumulatori in data 9 luglio 1944 rimesso a questa Sede dal Colonel TC, E.F. Mc. Fadden per la fornitura del materiale stesso dalla fonte che prima forniva tale materiale a questa Amministrazione Ferroviaria.
- 2°) - Questa Amministrazione non riceveva forniture di materiale per batterie accumulatori né aveva propri magazzini di detto materiale.
- 3°) - Come noto, tutto il servizio di manutenzione, di manipolazione e di carica delle batterie accumulatori delle Ferrovie dello Stato era eseguito da due Società private: una, la Fabbrica Accumulatori Partenope (F.A.P.) con stabilimento a Casalnuovo di Napoli per le batterie della Zona Sud della linea Roma-Ancona, (comprese Sicilia e Sardegna); l'altra, la Fabbrica Italiana Magneti Marelli con stabilimento a Sesto S. Giovanni (Milano) per la Zona al Nord di detta linea.
- 4°) - Per tale ragione non è possibile fornire da parte nostra i materiali richiesti. Unica soluzione, a parere di questa Direzione Generale, è di mettere la "F.A.P." in condizioni di riprendere in pieno la propria attività con una delle soluzioni prospettate nella lettera numero L.8/240/14535/151/406 del 7-8-44 indirizzata da questa Direzione Generale alla A.C.C. e di cui si allega copia.
- 5°) - Nell'interesse stesso dello M.R.S. si prega vivamente codesto

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Comando di voler appoggiare la richiesta avanzata da questa Sede all'A.C.C. di cui al precedente punto 4.

6°) - Con l'occasione si richiama anche la precedente lettera L.8/20/5054 del 24 giugno diretta a codesto Comando dal Sottosegretariato di Stato per le Ferrovie, Motorizzazione, ecc. relativa a provvedimenti per la riparazione delle batterie di accumulatori.

II DIRETTORE GENERALE

Udi Rarunordy



8/10/8



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO LAVORI E COSTRUZIONI

Rome, August 30 - 8 1944 A.

N L.8/24C/14535/151/406

Al N.

del

Allied Control Commission
Under Commission Transportations

R O M E

OGGETTO

Accumulators service
Manufactory of Accumulators
"Partenope" Casalnuovo Napoli

ALLEGATI N.

- 1st) A great deal of special storage Batteries are employed to get the following services:
 - illuminations trains;
 - auxiliary services upon tractors driven by continuous current;
 - telegraphes, telephones, interlocking towers and central apparatus action;
 - internal combustion engines, automotor trolleys ecc. starting.
- 2nd) The service of maintenance and reconstructing of the oversaid types of batteries that has committed to the "Partenope" Accumulators Manufactory, by contract being in force since January the 1st 1943, was settled into the factory ~~the~~ of the before named firm at Casalnuovo of Naples, the only establishment in this line of working in all the territory of liberated Italy.
- 3rd) The factory of Casalnuovo of Naples, has been occupied militarily since January the 6th 1944 by D/C.A.B.W.R.E.M.E. and access is forbidden, cannot meet with their engagements.
- 4th) Our Administration, in order to reorganize our own railway services, in the same interest of Allied Forces, having special consideration towards lighting hospital-trains, military leave-ytain and towards acting telegraphes, telephones, central apparatus, by degrees with proceeding restoration works, needs to have the oversaid "Partenope" enabled to take again its working also under the control and direction by Allied Organs.
- 5th) We therefore request your Kindness:
 - a) to be willing examine the possibility to remove the requisition of the oversaid establishment of Casalnuovo of Naples and to authorize the "Partenope" Accumulators Manufactory " to take again its working activity, also under the control or di-

rection by Allies.

- b) in the negative of the above hinted request, we beg at least, to place at disposal of the summentioned Partneship, the one part of the establishment that is destihed to the construction and formation of plates, well understood, always under Allied Control and Direction.

The oversaid one part, as we are related, is not at present utilized from the R.E.M.R.

- c) In the case of impossibility to reach readily the oversaid subordinated solution (b) we beg to possible to build, mementarily, into the named establishment the parts of accumulators (plates) nadfhl to maintenance of our batteries, by care of the same Military Allied Being who occupies it and supply the builded plates, by pagment, to the avernamed " Bartenope " or directly aur Administration.

We will accept an ackowledgement on the subject.

THE GENERAL MENAGER

for Jy Di Raimondo



CML/1c

TRANSPORTATION SUB-COMMISSION, AC.
(RAIL SECTION)

C/o Transportation Increment
C.M.F.

Tel: Firebox-Ext. 11

Our Reference: AC/Mat/3/1/Tn

1 January 1945

TO : HC. AC. Industry Sub-Commission
APO 394

SUBJECT : Dry Cells for Italian State Railways.

1. Reference your letters 8 November and 7 December 1944, AC-5595 Ind.
2. Referring to paragraph 4. The monthly requirements of dry cells are as follows:
 - (a) 9000 cells with ammoniac salt, cylindrical (for telegraph and telephone) size 70 x 175 mm.
 - (b) 13,000 cells as above, parallelopideon, size 100 x 100 x 210 mm.
 - (c) 2,000 cells as above, (for signal operation) parallelopideon size 155 x 155 x 50 mm.
 - (d) 2,000 cells with caustic soda for signal lighting size 142 x 142 x 280 mm.
 - (e) 2,500 cells for personnel lanterns, size 82 x 95 x 65 mm.

3. The "Superville" firm at Florence is the only factory in liberated Italy, able to manufacture the type of cells required by I.S.R. They have requested I.S.R. to obtain the needed materials. I.S.R. reports that they have obtained all except the following:

20,500 meters of cotton cloth 90 cm wide needed to envelope the inside involucre of cells.

1,500 Kg. of small twisted rope, type 6/16 needed **1428**

bind the cotton cloth around the inside involucre

4,200 Kg. of bakelite powder for stamping needed for clamps.

SUBJECT : Dry Cells for Italian State Railways.

1. Reference four letters 6 November and 7 December 1944, AC.5595 Ind.
2. Referring to paragraph 4. The monthly requirements of dry cells are as follows:
 - (a) 9000 cells with ammoniac salt, cylindrical (for telegraph and telephone) size 70 x 175 mm.
 - (b) 13,000 cells as above, parallelepipedon, size 100 x 100 x 210 mm.
 - (c) 2,000 cells as above, (for signal operation) parallelepipedon size 155 x 155 x 90 mm.
 - (d) 2,000 cells with caustic soda for signal lighting size 142 x 142 x 250 mm.
 - (e) 2,500 cells for personnel lanterns, size 82 x 95 x 65 mm.

3. The "Superville" firm at Florence is the only factory in liberated Italy, able to manufacture the type of cells required by I.S.R. They have requested I.S.R. to obtain the needed materials. I.S.R. reports that they have obtained all except the following:

20,500 meters of cotton cloth 90 cm wide needed to envelope the inside involucre of cells.

1,500 Kg. of small twisted rope, type 6/16 needed **1428**
bind the cotton cloth around the inside involucre

4,800 Kg. of bakelite powder for stamping needed for clamps.

4. The release of this material to the "Superville" firm should have a high priority as it is very essential that the communication and signal systems of Railways be kept in operation.

5. The monthly requirements of accumulators are as follows:

(a) 1000 accumulator batteries with 6 cells, type A for train lighting.

(b) 800 accumulator batteries, type B with 2 cells, 50 amperes capacity, for telegraph.

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(c) 800 accumulator batteries, type C with 6 cells, 10 Amperes capacity, for telegraph.

6. The I.S.R. have always obtained these batteries from the firm "Partenope" of Cassalmuro, Naples. They have sent many batteries there for repair but they have all been requisitioned by the Army, and the battery situation is serious and in order to keep the communication system in operation and the hospital trains lighted the ISR must be furnished with batteries.

7. The manufacture of the above accumulators will require that the following material be released, solely for manufacture of batteries for the ISR, in order that they be protected from being requisitioned by the Army.

- (a) 125,000 Kg of evaporated and seasoned beech wood in planks, without knots and defects.
- (b) 90,250 Kg of cider wood for separators.
- (c) 335,000 Kg of lead in blocks of first fusion.
- (d) 36,000 Kg of structural iron.
- (e) 2,000 Kg of copper for conductors and for the alloy of Britannia metal for contacting springs.
- (g) 14,000 Kg of antimony for the groups.
- (h) 300 Kg of nickel for contacting springs.
- (i) 23,000 Kg of rough rubber.
- (l) 3,500 Kg of glass for separators glass wool.
- (m) 2,000 Kg of cement for covers welding
- (n) 54,000 Kg of very pure Sulphuric acid.
- (o) 60,000 containers of ebonite, complete as per pattern to be furnished by stores Service Section 8-A.
- (p) 4,050 Kg anti-rust paint
- (q) 1,400 Kg brass in bars for buttons and clamps.
- (r) 21,000 glass pots with channelings of 136 x 122 x 9 mm.

8. The present source of dry cells, where the Military Railway Service is in control, is from the Military by an agreement with AFHQ Signals. The part under AC. Control, Reggio and Bari, is supplied from Bari. The stores at Bari.

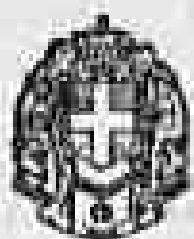
1803

7. The manufacture of the above accumulators will require that the following material be released, solely for manufacture of batteries for the ISR, in order that they be protected from being requisitioned by the Army.

- (a) 185,000 Kg of evaporated and seasoned beech wood in planks, without knots and defects.
- (b) 90,250 Kg of cedar wood for separators.
- (c) 335,000 Kg of lead in blocks of first fusion.
- (d) 36,000 Kg of structural iron.
- (e) 2,000 Kg of copper for conductors and for the alloy of Britannia metal for contacting springs.
- (f) 14,000 Kg of antimony for the groups.
- (h) 300 Kg of nickel for contacting springs.
- (i) 23,000 Kg of rough rubber.
- (l) 3,500 Kg of glass for separators glass wool.
- (m) 2,000 Kg of cement for covers welding.
- (n) 54,000 Kg of very pure sulphuric acid.
- (o) 60,000 containers of ebonite, complete as per pattern to be furnished by stores Service Section 8-A.
- (p) 4,050 Kg anti-rust paint
- (q) 1,400 Kg brass in bars for buttons and clamps.
- (r) 21,000 glass pots with channelings of 186 x 122 x 9 mm.

8. The present source of dry cells, where the Military Railway Service is in control, is from the Military by an agreement with AFHQ Signals. The part under AC. Control, Reggio and Bari Divisions receive a small supply from Br. Tn Stores at Bari. When the Military relinquishes control the ISR will be left without a source for obtaining dry cells and it is very necessary and urgent that they get then requirements from "Superpile".

CwK
O.H. LINDBERG
Lt. Col. R.E.,
Chief, Rail Section



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO APPROVVIGIONAMENTI

Roma, 30 Dicembre 1944 - A

N A38A/32/10 /813/2Cav/1009
33

Al N. del

OGGETTO
Fornitura pile
elettriche.-

ALLA COMMISSIONE ALLEATA =
SOTTO-COMMISSIONE TRASPORTI
(all'attenzione del Sig. Cap. Long)
Stores Section

S E D E

ALLEGATI N.

- 1)- Si fa riferimento alla nota APO/394 del 17.II.44
- 2)- Vi è una sola Ditta (la Superpila di Firenze) nell'Italia liberata in grado di costruire i tipi di pile che ci occorrono.
- 3)- Il nostro fabbisogno mensile di pile è il seguente:
 - a) N. 9.000 pile al sale ammoniaco di forma cilindrica (per telegrafo e telefono) da mm.70 x 175;
 - b) " 13.000 pile c.s. di forma parallelepipedica da m/m.100 x 100 x 210;
 - c) " 2.000 pile c.s. (per manovra segnali) di forma parallelepipedica da m/m.155 x 155 x 250;
 - d) " 2.000 pile alla soda caustica per illuminazioni segnali da m/m.142 x 142 x 280;
 - e) " 2.500 pile per lanterne del personale viaggiante da m/m.82 x 95 x 65.
- 4)- La Superpila ha posto la condizione di avere da noi alcune materie prime.
- 5)- Abbiamo pertanto iniziato l'acquisto di tali materie prime e siamo già in possesso di una buona parte di esse.
- 6)- Mancano ancora i seguenti quantitativi che non si è ancora riusciti a trovare: metri 20.500 di tessuto di cotone altezza cm.90, occorrenti per avvolgere l'involucro interno delle pile; Kg.1.500 di spago ritorto tipo 6/16, occorrenti per legare il tessuto di cotone attorno all'involucro interno; Kg. 4.300 di polvere di babbelite per stampaggio, occorrente per i morsetti.
- 7)- Si prega pertanto di fare sbloccare tali quantitativi di materiali.
- 8)- Per quanto riguarda gli accumulatori, la sola Ditta che possa costruirli è la "Partenope" di Napoli, sulla quale si è ripetutamente riferito.-

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- 9)- Il nostro fabbisogno mensile di Batterie di accumulatori è il seguente:
- a) N.1000 Batterie accumulatori a 6 elementi tipo A per illuminazione treni;
 - b) " 800 Batterie accumulatori tipo B per telegrafo a 2 elementi della capacità di 50 AH;
 - c) " 800 Batterie accumulatori tipo C per telegrafo a 6 elementi della capacità di 10 AH.
- 10)- Per la costruzione di tali Batterie occorrono i seguenti quantitativi di materiali:
- a) Kg.185.000 Legno faggio evaporato e stagionato senza nodi e difetti in tavole;
 - b) " 90.250 Legno cedro per separatori;
 - c) " 335.000 Piombo in pani di prima fusione;
 - d) " 36.000 Ferro in profilati;
 - e) " 2.000 Rame per conduttori e per la lega di alpacca delle molle di contatto;
 - f) " 500 Zinco per la lega di alpacca delle molle;
 - g) " 14.000 Antimonio regolo per i gruppi;
 - h) " 300 Nichel per molle di contatto;
 - i) " 23.500 Gomma greggia;
 - l) " 3.500 Vetro per la lana dei separatori;
 - m) " 2.000 Mastice per la saldatura dei coperchi;
 - n) " 54.000 Acido solforico purissimo a 80 Beaumè;
 - o) No 60.000 Recipienti di ebanite completi al campione;
 - p) Kg 4.050 Vernice antiruggine;
 - q) " 1.400 Ottone in barre per bottoni e serrafili;
 - r) H: 21.000 Vasi di vetro con scanalature delle dimensioni di mm.186 x 122 x 90.
- II)- Si prega fare sbloccare tali quantitativi di materiali.-

IL DIRETTORE GENERALE

Ugo Raimondi

GL.

Ministry of Transports
ISR Direction General
~~SECRET~~

Rome, 20 Dec. 1944

Procurement Service

A 38A/3240/813/2 Cav./1009/33

TO ALLIED COMMISSION
TRANSPORTATION SUB-COMMISSION

Subject: Supply of
electric cells

Att. of Capt. LONG
Stores Section
Building

- 1) Ref. is made to your letter APO/394 of 17th Nov. 1944.
- 2) The Firm "Supervila" of Florence is the only Factory, in liberated Italy, able to manufacture the type of cells we require.
- 3) Our monthly requirement of cells is the following:
 - a) N. 9000 cells with ammoniac salt, cylindrical size (for telegraph and telephone) of 70 x 175 m/m.
 - b) N. 13.000 cells as above, parallelopipedon size of 100x100x210 mm.
 - c) N. 2.000 cells as above (for signal operation) parallelopipedon size of 155x155x250 m/m.
 - d) N. 2.000 cells with caustic soda for signals lighting of 142x142x280 m/m.
 - e) N. 2.500 cells for excoorting personnel lanterns, of 82x95x65 m/m.
- 4) The "Supervila" put the condition to get from us the supply of some raw materials.
- 5) Therefore, we started the purchase of said raw materials, and we are already in possession of a great lot of them.
- 6) They are still lacking of the following quantities, that it has been impossible to find: 20.500 meters of cotton cloth 90 cm. wide, needed to envelop the inside involucrum of cells; 1.500 Kg. of small twisted rope type 6/16, needed to bind the cotton cloth around the inside involucrum; 4800 Kg. of bakelite powder for stamping, needed for clamps.
- 7) Therefore we beg you to give disposition for the release of such quantities of materials.
- 8) As for the accumulators, the only Firm able to manufacture them, is the "Partenope" of Naples, which we have quoted several times.
- 9) Our monthly requirement of accumulator batteries is the following:
 - a) N. 1000 accumulator batteries with 6 cells type A for trains lighting.
 - b) N. 800 accumulator batteries type B with 2 cells 50 Amp. capacity, for telegraph.
 - c) N. 800 accumulator batteries type C with 6 cells - 10 Amp. capacity, for telegraph.
- 10) To manufacture such batteries the following quantities of materials are necessary:
 - a) Kg. 185.000 of evaporated and seasoned beech-wood in planks without knots and defects.
 - b) Kg. 90.250 cider wood for separators

- 1) Ref. is made to your letter APO/394 of 17th Nov. 1944.
- 2) The Firm "Superpila" of Florence is the only Factory, in liberated Italy, able to manufacture the type of cells we require.
- 3) Our monthly requirement of cells is the following:
 - a) N. 9000 cells with ammoniac salt, cylindrical size (for telegraph and telephone) of 70 x 175 m/m.
 - b) N. 13.000 cells as above, parallelepipedon size of 100x100x210 mm.
 - c) N. 2.000 cells as above (for signal operation) parallelepipedon size of 155x155x250 m/m.
 - d) N. 2.000 cells with caustic soda for signals lighting of 142x142x230 m/m.
 - e) N. 2.500 cells for exhorting personnel lanterns, of 82x95x65 m/m.
- 4) The "Superpila" put the condition to get from us the supply of some raw materials.
- 5) Therefore, we started the purchase of said raw materials, and we are already in possession of a great lot of them.
- 6) They are still lacking of the following quantities, that it has been impossible to find: 20.500 meters of cotton cloth 90 cm. wide, needed to envelop the inside involucre of cells; 1.500 Kg. of small twisted rope type 6/16, needed to bind the cotton cloth around the inside involucre; 4800 Kg. of bakelite powder for stamping, needed for clamps.
- 7) Therefore we beg you to give disposition for the release of such quantities of materials.
- 8) As for the accumulators, the only Firm able to manufacture them, is the "Fartenope" of Naples, which we have quoted several times.
- 9) Our monthly requirement of accumulator batteries is the following:
 - a) N. 1000 accumulator batteries with 6 cells type A for trains lighting.
 - b) N. 800 accumulator batteries type B with 2 cells 50 Amp. capacity, for telegraph.
 - c) N. 800 accumulator batteries type C with 6 cells - 10 Amp. capacity, for telegraph -
- 10) To manufacture such batteries the following quantities of materials are necessary:
 - a) Kg. 185.000 of evaporated and seasoned beech-wood in planks without knots and defects.
 - b) Kg. 90.250 cider wood for separators
 - c) Kg. 335.000 lead in blocks of first fusion.

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./.

- 2 -

- d) Kg. 36.000 of structural iron
- e) Kg. 2.000 of copper for conductors and for the alloy of Britannia metal for contacting springs.
- f) Kg. 500 of zinc for the alloy of Britannia metal for contacting springs.
- g) Kg. 14.000 of animony for the groups,
- h) Kg. 300 of nikel for contacting springs
- i) Kg. 23.500 of rough rubber
- l) Kg. 3.500 of glass for separators glass wool
- m) Kg. 2.000 of cement for covers welding
- n) Kg. 54.000 of very pure sulphuric acid
- o) N. 60.000 containers of ebanite, complete as the pattern
- p) Kg. 4.050 of anti-rust paint
- q) Kg. 1.400 brass in bars for buttons and clamps
- r) N. 21.000 glass pots with channelings, of 186x122x90 m/m

11) We beg you to give dispositions for the release of such quantities of materials.

The General Director
signed Di Raimondo

FILE 3

ALLIED COMMISSION
TRANSPORTATION SUB-COMMISSION
APC 512

CML/REB
10 DECEMBER 1944

SUBJECT: DRY CELL BATTERIES FOR ITALIAN STATE RAILWAY.

TO : DIRECTOR GENERAL ITALIAN STATE RAILWAY BUILDING.

1. REFERENCE LETTER OF 17 NOVEMBER 1944 CML/CL IN REGARD TO ABOVE SUBJECT.

2. IT IS REQUESTED THAT YOU HURRY YOUR REPLY AS WE ARE BEING TRACED BY THE INDUSTRY SUB COMMISSION FOR AN ANSWER TO PARAGRAPHS 2,3, AND 4.

3. THE INDUSTRY-SUB COMMISSION FURTHER ADVISE THAT THE PRODUCTION OF DRY CELLS WILL VERY SHORTLY BE UNDER TAKEN BY THE FIRM OF "SUPERFILE, FLORENCE.

4. THIS FACTORY WILL WORK UNDER THE CONTROL OF SIGNALS RESOURCES DIVISION, WHO RECOGNIZE THAT HIGH PRIORITY SHOULD BE GIVEN TO THE MANUFACTURE OF BATTERIES FOR ITALIAN STATE RAILWAY AND THEREFORE AGREES TO THEIR PRODUCTION AT "SUPERFILE".

5. THE MINISTRY OF COMMUNICATIONS SHOULD THEREFORE PLACE THEIR ORDER WITH "SUPERFILE" NOW SO THAT IT CAN BE FITTED IN TO THE PRODUCTION PROGRAM.

6. PLEASE EXPEDITE YOUR REPLY TO LETTER MENTIONED IN PARAGRAPH 1 AND 2.

C.M. LONG
CAPT., TC
TRANSPORTATION SUB-COMMISSION-
STORES

1125

Tel.447

HGR/ggp

Ref.AC/5595/IND

7 Dec.1944

SUBJECT : Dry Cells for Ministry of Communications

TO : Transportation Sub-Commission

FROM : Industry Sub-Commission

1. Further to our AC/5595/IND of 8 Nov.44.
2. The production of dry cells will very shortly be undertaken by the firm of "Superpile", Florence.
3. This factory will work under the control of Signals Resources Division MTOUSA who recognize that high priority should be given to the manufacture of batteries for Italian State Railways and have therefore agreed to their production at "Superpile"
4. The Ministry of Communications should therefore place their order with "Superpile" now so that it can be fitted in to the production programme.
5. It is assumed that the requirement is still for 50,000 batteries and this figure has been mentioned to Signals Resources Division as probable initial order. An early reply to para.4 of the above quoted letter would be appreciated as this information is necessary to ensure the supply of the required materials to the manufacturers.

Copy to:-
Commerce S/C
(Ref.your ACC/5193/Comm.
of 15 Oct.44)
Economic Section

W.S. VAUGHAN,
Director,
Industry Sub-Commission.

1124

FILE 3

Allied Force
MILITARY RAILWAY SERVICE-ITALY
Headquarters 774th Railway Grand Division
Office of Deputy Director

AFG 512
CML/reb

1 December 1944

SUBJECT: Repair of Electric Accumulator Batteries.

TO : Director General Italian State Railway-Building.

1. Referring to your letter of 20 November 1944, file
L. 8/246/ 26450/151/422/4 above subject.

2. With reference to lists of material which you attached, showing material which was on hand in the F.A.F. factory at Casalmuova, Naples at the time the factory was requisitioned by U.S.M.A. and that withdrawn by the 760th Ry. Diesel Shop Battalion.

3. We have contacted the Commanding Officer of the above mentioned Diesel shop Battalion and he advises that he removed all of the material and took it to the Battery Shop at Campo Flegri and therefore none of the material listed in column 1-2 is on hand at the factory.

4. Request that you furnish a list of plates, separators and materials required by you for battery repair and we will request release from D.D.M.E.-A.A.I.

5. Are you equipped at your Battery Shop at Campo Flegri, to take care of your battery repairs?

For the Deputy Director:

C.M. LONG
Capt., TC
Stores Section

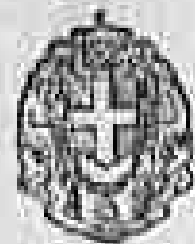
1123

Subject:

Repair of electric accumulator batteries

- 1) Reference is made to your letter dated September 29th, 1944, no. 100 A/860/51 - APO 400, dealing with the above subject.
- 2) We are sending you the list of the material which was on hand in the F. A. P. Factory at Casalmuro at Naples on requisitioning, on the part of R. E. M. E., of what was drawn out by the 760th Railway Diesel Shop Battalion, and delivered to the F. A. P. for the repairing of train batteries, as well as of that which was left at the Factory.
- 3) We have to confirm that, should the material which remained with the Casalmuro Factory be not quickly released, the maintenance of the batteries will have to be discontinued, as soon as the utilization of the material which has been left and of the little drawn from the selection of the damaged batteries is over.

130



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO LAVORI E COSTRUZIONI

Roma, *20 Nov 1944* 1944 A.

L.8/24C/ N. 26450/151/422/4

Al N. _____ del _____

OGGETTO

Direzione Generale

Military Railway Service

Riparazione batterie
accumulatori elettrici

S E D E

ALLEGATI N. 1

1) Si fa riferimento alla V/ lettera del 29 settembre 1944 protocollo I C C A/860/51-APQ 400 come in oggetto.

2) Si comunica l'elenco del materiale che era esistente nello Stabilimento della F.A.P. di Casalnuovo di Napoli all'atto della requisizione da parte della R.E.M.E., di quello che fu prelevato dal 760th Railway Diesel Stop Battalion e consegnato alla F.A.P. per la riparazione delle batterie da treni e di quella ancora rimasto nello Stabilimento.

3) Si conferma che se non verrà sollecitamente sbloccato il materiale rimasto presso lo stabilimento di Casalnuovo, la manutenzione delle batterie dovrà essere sospesa non appena finita l'utilizzazione del materiale rimasto e del poco ricavato utilizzabile dalla selezione delle batterie guaste.

IL DIRETTORE GENERALE

Udi Ramondo

• 1121

GV.

16.

Elenco materiale per batterie luce treni esistente presso lo Stabilimento della F.A.P. a Casalnuovo di Napoli all'atto della requisizione da parte della R.E.M.E. (colonna) raffrontato a quello sboccato tramite 760 th Railway Diesel Stop Batt. (colonna 2) Materiale ancora da sboccare (1-2).

Denominazione dei materiali	1	2	1-2	NOTE
Tiretti PC e MT riparati e da riparare	456	150	306	
Recipienti ebanite tipo PC ed MT	3500	1840	1660	
Prismi ebanite per recipienti PC ed MT	2230	2100	130	
Coperchi ebanite tipo PC ed MT	415	-	415	
Tappi di ebanite per batterie PC ed MT	3100	-	3100	
Rondelle gomma per poli	2000	-	2000	
Placche PA 152 positive usate	4000	-	4000	
Valvole a tabacchiera	482	482	-	
Viti piccole per valvole a tabacchiera	200	-	200	
Molle Thio	2180	1800	380	
Piastrine serratili	1884	1300	584	
Viti per piastrine	1000	-	1000	
Viti per morsetti	600	-	600	
Piastrine ebanite per morsetti MT	1220	-	1220	
Gruppi positivi 6 PA 152	50	37	13	
Filo rame 30/10 per collegamento molle				
Thio alle valvole	900	-	900	
Filo rame per congiunzione valvole e morsetti MT	1700	-	1700	1120
Filo rame per congiunzione valvole e morsetti con gomma	100	-	100	
Connessioni piombo e rame per batterie MT	1100	1100	-	
Maniglie per vestate (pronte)	120	-	120	

Denominazione dei materiali	1	2	1-2	NOTE
Tiretti PC e MT riparati e da riparare	456	150	306	
Recipienti ebanite tipo PC ed MT	3500	1840	1660	
Prismi ebanite per recipienti PC ed MT	2230	2100	130	
Coperchi ebanite tipo PC ed MT	415	-	415	
Tappi di ebanite per batterie PC ed MT	3100	-	3100	
Rondelle gomma per poli	2000	-	2000	
Placche PA 152 positive usate	4000	-	4000	
Valvole a tabacchiera	482	482	-	
Viti piccole per valvole a tabacchiera	200	-	200	
Molle Thio	2180	1800	380	
Piastrine serratili	1884	1300	584	
Viti per piastrine	1000	-	1000	
Viti per morsetti	600	-	600	
Piastrine ebanite per morsetti MT	1220	-	1220	
Gruppi positivi 6 PA 152	50	37	13	
Filo rame 30/10 per collegamento molle				
Thio alle valvole	900	-	900	
Filo rame per congiunzione valvole e morsetti MT	1700	-	1700	1120
Filo rame per congiunzione valvole e morsetti con gomma	100	-	100	
Connessioni piombo e rame per batterie MT	1100	1100	-	
Maniglie per testate(pronte)	120	-	120	
" " " (da riparare)	900	400	500	
Ferramenta completa(guide e maniglie)	1040	1000	40	
" " (da revisionare)	200	-	200	
Rondelle piombo filettate per poli PC-MT	1500	-	1500	

Denominazione dei materiali	1	2	1-2	NOTE
Elementi PC-MT senza coperchi	81	81	-	
Connessioni terminali polarità PC (rame e piombo)	250	-	250	
Connessioni piombo PC	173	-	173	
Connessioni terminali di polarità MT	375	-	375	
Connessioni di polarità PC(solo rame)	1500	-	1500	
Cassette di legno tipo C buone e da riparare	80	-	80	
Recipienti di vetro tipo C	840	-	840	
Coperchi ebanite tipo C	580	-	580	
Tappi di gomma tipo C	480	-	480	
Coperchi ebanite tipo S.3.3	12	-	12	
Tappi ebanite S.3	290	-	290	
Gruppi positivi S.3	260	-	260	
Gruppi negativi S.3	334	-	334	
Separatori di ebanite tipo S	800	-	800	
Lamelle di rame	130	-	130	
Recipienti di ebanite S.3	3	-	3	
Lamelle rame per batterie tipo B e C.	130	-	130	
Attacchi per cinghie	12	-	12	
Dadi godronati rossi e neri	1380	-	1380	
Dischetti celluloidi rossi	250	-	250	
Dadi ottone esagonali e rotondi	240	-	240	
Filo rame per batterie tipo C	400	-	400	
Angolari di ferro da revisionare	900	-	900	

1119

190

MINISTERO DELL'INTERNO
DIREZIONE GENERALE
Servizio Lavori e Costruzioni
Ufficio 8°

Roma, 20.10.44

L.8/240/ 26450/151/422/4

SERVIZIO LAVORI E COSTRUZIONI

Direzione Generale
Military Railway Service

Riparazione batterie
accumulatori elettrici

S E D E

1

1) Si fa riferimento alla V/ lettera del 29 settembre 1944 protocollo L. O. G. A/360/51-AFO 400 come in oggetto.

2) Si comunica l'elenco del materiale che era esistente nello Stabilimento della F.A.P. di Casalmuovo di Napoli all'atto della requisizione da parte della R.E.M.E., di quello che fu prelevato dal 760th Railway Diesel Stop Battalion e consegnato alla F.A.P. per la riparazione delle batterie da treni e di quello ancora rimasto nello Stabilimento.

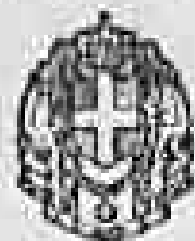
3) Si conferma che se non verrà sollecitamente sborsato il materiale rimasto presso lo stabilimento di Casalmuovo la manutenzione delle batterie dovrà essere sospesa non appena finita l'utilizzazione del materiale rimasto e del poco ricavato utilizzabile dalla selezione delle batterie guaste.

IL DIRETTORE GENERALE

F. Di Raimondo

• 1118

GV.



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

Rome, 28. 1. 1944 - A.

N° L.8/24C/26450/151/422
4

Al N. _____ del _____

TO DIRECTION GENERAL MILITARY
RAILWAY SERVICE

OGGETTO

Subject

Storage batteries repair

BUILDING

ALLEGATO N. _____

1) Reference to yours I C C A/860/51-APQ 400
dated 29 th September 1944.

2) We send the list of material, that was lying at the
factory F.A.P. of Casalnuovo Naples on requisition from
R.E.M.E., as well as the list of material collected by 760 th
Railway Diesel Shop Battalion and delivered to F.A.P. for
carriage - batteries repair and of that one still remained
at above factory.

3) We inform that if material still remained at Casalnuovo
factory will not be urgentey released, batteries maintenance
will be interrupted asoon as material remained and that one
available derived from batteries ont of use will finish .

THE DIRECTOR GENERAL

F. Di Raimondo

1117

FILE

Allied Commission
Transportation Sub-Commission
APO 394 - U.S. Army

CMG/cl

17 November 1944

SUBJECT: Dry Cell Batteries for I.S.R.

TO : Director General, Italian State Railways, Building.

1. The Industry Sub-Commission advises that on behalf of the Transportation Sub-Commission they propose to re-investigate the whole problem of dry cell manufacture in liberated Italy.
2. Please advise your present sources of dry cells, also your estimated monthly requirements by types.
3. In your reply, please include a brief statement in justification of release of controlled items necessary to the manufacture of dry cells.
4. Similar information is necessary for accumulators.

G. M. LONG
Capt. TO
Trans Sub-Comm.
Stores Section

1116

Tel. 447

70A
HGR/eg

Ref. AC/5595/IND.

8 November 1944

SUBJECT : Dry Cells - Mario Coppola Plant Rome.

TO : Transportation Sub-Commission.

FROM : Industry Sub-Commission.

1. Ref. your ACC/TN/70A of 26 October 1944.

2. The above factory with all its equipment has been taken over by R.A.A.C.

3. It is understood that present stocks of raw materials on the plant are sufficient for only one month's output. Under these circumstances it is not proposed to reactivate the plant until raw materials become available.

4. This Sub-Commission proposes to re-investigate on your behalf the whole problem of dry cell manufacture in liberated Italy and would be interested to know your present sources of dry cells and your estimated monthly requirements by types. In addition a brief statement in justification of release of controlled items necessary to the manufacture of dry cells should be included.

5. Similar information is required for accumulators.

Copy to:
Economic Section.
Commerce S/C.
(your ACC/5193/Commerce
of 15 Oct. 44 refers)


W. S. VAUGHAN
Director,
Industry Sub-Commission.

1115



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO APPROVVIGIONAMENTI

OGGETTO

Fornitura pile elet-
triche.-

ALLEGATI N.

Roma, 18 Dicembre 1944 - A

N. A38A/3209 /813/Gen/Cav.
Dcca/1735/33

Al N. del

ALLA DIREZIONE GENERALE DEL
MILITARY RAILWAY SERVICE
Ufficio del Vice Direttore

S E D E

- 1 - Si fa riferimento al foglio APO/512 del 27/II/44.
- 2 - Questa Amministrazione per far fronte ai più urgenti bisogni del momento aveva invitato la Ditta A.P.E. di Roma a fornire alcuni tipi di pile elettriche che erano bloccate nel suo Stabilimento.
- 3 - Dopo lo sblocco autorizzato dalla Commissione Alleata con nota 394 del 25/9/44 la Ditta A.P.E. ha venduto le pile ad altri Enti per conto dei quali erano state costruite.
- 4 - Tale Ditta non è in grado di costruire il tipo di pila occorrente ai nostri bisogni.

IL DIRETTORE GENERALE

Voligno

1114

GL.

TRANSLATION

Ministry of Communications
I.S.R. General Directorate
Supply Service -

Subject: Supply of electric batteries

Rome 18 December 1944

A 38/A/3200/313/Gen. Dir.
Jca/1735/33

Headquarters
Military Railway Service
Office of Deputy Director

Building

- 1) Reference letter dated 27 November 1944, File APC 512.
- 2) The I.S.R. Administration, in order to meet the most urgent requirements, asked the Firm APE of Rome for the supply of some types of electric batteries which were frozen at its Establishment.
- 3) After the release of said batteries, which was authorized by A.C., through note dated 25 Sept. 1944, File APC 394, the Firm APE sold the batteries to other bodies, which had previously ordered their manufacturing.
- 4) The above Firm is not in a condition to manufacture the type of batteries necessary for our requirements.

for Director General
signed Loigna.

Ca. ng17

1113

FILE

0 1
Allied Force
MILITARY RAILWAY SERVICE
Office of Deputy Director - Italy

CMR/cl

APC 512
27 November 1944

SUBJECT: Cell Batteries for Sud Est Railways.

TO : Director General, Italian State Railways, Building.
ATTENTION: Chief of I.R.S.

1. Referring to letter of 5 October from the Avonima File Elettriche, Via Francesco Dezza, 15 Rome, in regard to materials needed for the manufacture of cell batteries.

2. The Commerce Sub-Commission, A.C., advise that on 10 July 25 tons of Colophony was located at Mira Lanza, Corso Rinascimento 13, Rome. This material is not controlled and A.P.R. can purchase a supply at this firm.

3. A.P.R. also are in need of brass sheets. Please have them advise the amount to have released. Brass sheets are controlled, and we must make a bid to the A.P.L.R. (Italian) Board to have the material released.

For the Deputy Director:

G. M. LONG
Capt. TC
Stores Section

1112

M.R.S. 170A
HEADQUARTERS ALLIED COMMISSION

APO 394

COMMERCE SUB-COMMISSION
Releases & Requirements Section

BT/rm

Tel. 478905

14 November 1944

Ref. AC/5300/Commerce

SUBJECT: Electric Cells for I.S.R.

TO : Transportation Sub-Commission ✓

1. Reference your letter ACC/TN/70A it would appear that both colophony and brass sheets are needed to manufacture the a/mentioned items.

2. Colophony is not controlled and our records show that on 10 July 25 tons of this material was located at Mira Lanza, Corso Rinascimento 13, Roma.

3. Brass sheets are controlled and bid should be made by you in accordance with usual procedure on controlled items.

Lowery
W. P. EVANS
Colonel

Director

Commerce Sub-Commission

1111

WSW/elo

Maj. Walker

HEADQUARTERS
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

26 October 1944

Tel : 843191
Ext. 43

Our Ref : ACC/TN/70A

TO : Commerce Sub-Commission

SUBJECT : Cell batteries for Sud Est Railways.

1. Herewith form Mat 10 for 100 batteries of 150 Amp., and 200 batteries of 20 Amp., urgently needed by SudEst Railway for their signalling system.

2. Here is also attached letter of "Anonima Pile Elettriche", Via Francesco Denza 15, Rome dated 5 Oct. '44, stating the conditions under which said firm can produce the batteries.

ad
D.S. ADAMS
Colonel C.E.
Director Tn. Sub-Comm.

ENCLOSURES :
Form MAT No 10
Letter of "Anonima Pile Elettriche".

1110

HEADQUARTERS
ALLIED CONTROL COMMISSION
COMMERCE SUB-COMMISSION

APO 394

Date: Oct. 26 '44

1. DEMAND FOR CONTROLLED MATERIALS.

2. AMG/ACC FORMATION Transportation Sub-Commission

3. COMMODITY DEMANDED Batteries

(Give particulars or specification on back of Form)

4. QUANTITY REQUIRED: (In metric tons or other suitable unit)

(a) Single lot demand: 100 - 150 Amp. batteries

(b) Next Month 200 - 20 " "

(c) Second Month

(d) Third Month

5. JUSTIFICATION: (Detail this information on back of Form). For railway signalling

6. SOURCES OF SUPPLY (if known). Give particulars:

(a) Has Material been located?

To be made up by "S.A. Pile" via
Tranceseo Denza 15, Rome. See their
letter 5 Oct. attc.

(b) If locally - Where?

(c) If anywhere in Liberated Italy (including Sicily & Sardinia) - Where?

(d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.:

7. ADDRESS FOR DELIVERY:

Consignee: Snd Est Railways

Address: Bari

8. It is certified that these supplies and stores are required for (URGENT), (NORMAL), (STOCK PILING) purposes. (Strike out words not applicable).

Date:

Signature:

Rank, Title, Office
For Director Spn. 3/c

9. REGIONAL APPROVAL

Title

Date:

1129

FOR USE OF LOCAL RESOURCES SECTION (Commerce Sub-Commission)

1. DEMAND FOR CONTROLLED MATERIALS.

2. AMG/ACC FORMATION Transportation Sub-Commission3. COMMODITY DEMANDED Batteries

(Give particulars of specification on back of Form)

4. QUANTITY REQUIRED: (In metric tons or other suitable unit)

(a) Single lot demand: 100 - 150 Amp. batteries(b) Next Month 200 - 20 "

(c) Second Month

(d) Third Month

5. JUSTIFICATION: (Detail this information on back of Form). For railway signalling

6. SOURCES OF SUPPLY (if known). Give particulars:

(a) Has Material been located?

To be made up by "S.A. File" via
Francesco Denza 15, Rome. See their
letter 5 Oct. attc.

(b) If locally - Where?

(c) If anywhere in Liberated Italy (including Sicily & Sardinia) - Where?

(d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.:

7. ADDRESS FOR DELIVERY:

Consignee: Sud Est RailwaysAddress: Bari

8. It is certified that these supplies and stores are required for (URGENT), (NORMAL), (STOCK PILING) purposes. (Strike out words not applicable).

Date:

Signature:

For Director

Rank, Title, Office

Date:

9. REGIONAL APPROVAL

Title

FOR USE OF LOCAL RESOURCES SECTION (Commerce Sub-Commission)

AFLR (1) B Release Order No.

Our Release Order No.

Date:

Date:

REMARKS:

Form ACC-MAT No. 16.

/fd

TRANSLATION

A.P.E.
Anonima Pile Elettriche
Via Francesco Denza, 15
Rome

Rome Oct. 5th 1944

To Tn-Sub-Comm.
Attn: Chief of I.E.S.
office for I.S.R.
To ACC-HQ.
To I.S.R. - I.E.S. office-
Terminal Station - Rome

SUBJECT : Electric cells for I.S.R.

All cells which had been frozen in our depots, have been defrozen with letter dated August 19th 1944 of Industry Sub-Comm. and they have been already delivered to the firms on whose behalf they had been manufactured.

With the raw-materials presently at our disposal we can manufacture some of the types indicated in your letter, provided that you supply us with some eolophony for manufacturing the sealing lute and with some brass-sheets, 3/10 m/m thickness for manufacturing the caps, since we completely lack above materials which are absolutely necessary for the efficiency of the cells.

Presently we employ zinc-caps which cannot be employed for manufacturing cells of a certain capacity since above caps are liable to get quickly deteriorated.

Since this matter deals with special cells, the payment shall be effected, 1/3 at the order and the balance upon delivery of the cells.

We remain.

Yours faithfully

1108

FILE

3

Allied Commission
Transportation Sub-Commission
APO 394 - U.S. Army

GM/ol

17 November 1944

SUBJECT: Batteries for Italian State Railways.

TO : Industry Sub-Commission, Allied Commission, APO 394, U.S. Army.

1. The Bari Compartimento, Italian State Railways, is having difficulty in securing batteries for the operation of hospital trains and signals.
2. About two months ago they shipped 462 Type A, 304 Type B and 128 Type C batteries to "Fabbrica Partenope di Accumulatori, Casale di Napoli" for repairs. They have been notified that the batteries have been requisitioned by the Army.
3. The Italian State Railways must have, at once, for the operation of hospital trains and signals, 200 Type A, 150 Type B, and 100 Type C batteries.
4. Will you please obtain a release for the 4/14 batteries.

D. S. ADAMS
Colonel, CE
Director Trans-Sub Comm, AC

1137

Memo to Maj. Chaplin
via Ensign

A - 12 volts car lighting
B - 4 - signals
C - 12 - T&T

Tel. 447

HGR/ab

Ref. AG/5595/IND

22 November 1944

SUBJECT: Batteries for Italian State Railways.

TO : Transportation Sub-Commission.

FROM : Industry Sub-Commission.

1. Ref. Your CML/cl of 17 Nov. 1944 (copy attached).

2. Issue of these batteries is controlled by AFLR(I)B and application for release should therefore be made in triplicate on form ACC MAT 10 to Commerce Sub-Commission in accordance with Economic Section letter ACC/5300/ Commerce of 25 Oct. 1944.

Copy to:-
Economic Section
Incl:-
ltr CML/cl
dtd 17 Nov. 44
from Transportation
S/C


W.S. VAUGHAN
Director,
Industry Sub-Commission

1186

Allied Commission
Transportation Sub-Commission
APO 394 - U.S. Army

OML/cl

17 November 1944

SUBJECT: Batteries for Italian State Railways.

TO : Industry Sub-Commission, Allied Commission, APO 394, U.S. Army.

1. The Bari Compartimento, Italian State Railways, is having difficulty in securing batteries for the operation of hospital trains and signals.
2. About two months ago they shipped 462 Type A, 304 Type B and 128 Type C batteries to "Fabbrica Partenope di Accumulatori, Casalunova di Napoli" for repairs. They have been notified that the batteries have been requisitioned by the Army.
3. The Italian State Railways must have, at once, for the operation of hospital trains and signals, 300 Type A, 150 Type B, and 100 Type C batteries.
4. Will you please obtain a release for the Q/M batteries.

24 Oct
D. S. ADAMS
Colonel, CG
Director Trans-Sub Comm, AG

HEADQUARTERS
FEBRUARY 1945
1195

HEADQUARTERS
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

WSW/elo

Maj. Walker

File 3

Tel : 873191
Ext. 43

26 October 1944

Our Ref : ACC/TN/70A

TO : Industry Sub-Commission ACC.

SUBJECT : Cell batteries - Mario Coppola plant, Rome.

1. Here is attached Commerce Sub-Commission letter 15 Oct. '44, and its enclosures, reference ACC/5193/Commerce, referring to this Sub-Commission a request of Ministry of Communications for materials said to be needed by firm "Mario Coppola" Rome, to enable repairs to their plant so they could produce cell batteries for communications systems of the railways.

2. Need for this type of materials for railway signal systems is affirmed.

3. As the request here is for materials for reactivation of a factory, it is referred as a matter pertaining to your Sub-Commission.

Aut

D.S. ADAMS
Colonel C.E.
Director, Transportation Sub-Comm.

ENCLOSURES :

Letter of Commerce Sub-Comm., and its enclosures.

1104

HEADQUARTERS
ALLIED CONTROL COMMISSION
COMMERCE SUB-COMMISSION
Releases & Requirements Section
APO 394

BK/Ed

Ref. ACC/5193/Commerce

15 October 1944

SUBJECT : Release of controlled materials

TO : transportation Sub-Commission ACC. HQ.

Attached letter A.38/A/2373/513/GEN/CAV/ICCA/960/33 dated 10.10.44 received at this Sub-Commission from the Ministry of Communications - I.S.R. Rome, requesting release of certain controlled materials on behalf of Messrs "MARIO COPPOLA" of Rome, is passed on to you for screening and, if approved, for submission of the relevant Forms MAT 10.

1 Incl.:
as above

W.P. EVANS
Colonel
Director
Commerce Sub-Comm.

1103

Subject: allotment of materials for re-building
Battery Store

As already pointed out in our previous letters, this Administration is under the absolute necessity of having electric batteries for re-establishing telegraphic, telephone and railway signalling plants.

There is in Rome the Firm Mario Coppola which would be able to supply us with the required batteries, but it cannot work, its factory having been damaged by war raids.

In order to place the factory in a position to resume its work, the following materials are needed:

- 24 beams, rafters and cuttings
- 12 fir boards 400 centimeters long and 5 thick
- 8 " " " " " 3,5 "
- 8 small chestnut boards 200/350 cm. long and 5 thick
- 1 fir joist 400 x 10 x 10 centimeters
- Kg. 50.000 - cement
- " 5.000 - lime
- 300 opaque glasses 31 x 74 centimeters 14:2
- 900 transparent glasses 65,5 x 31,5
- Kg 100 cooked linseed

You are kindly requested to have the said materials assigned to above-mentioned firm.

Roma, Ottobre 4

A.38/A/2373/413/Gen./Car.

SERVIZIO APPROVVIGIONAMENTI

Assegnazione materiali
per ricostruzione Sta-
bilimento pile elettriche.

P.C.

ALLA DIREZIONE GENERALE
MILITARY RAILWAY SERVICE

R O M A

ALLA COMMISSIONE ALLIATA

SOTTOCOMMISSIONE PER L'INDUSTRIA

E COMMERCIO

R O M A

Come è stato fatto noto con precedenti comunicazioni, questa Amministrazione ha assoluta necessità di pile elettriche per la riattivazione degli impianti telegrafici, telefonici e di segnalamento della rete ferroviaria.

A Roma esiste la Ditta Mario Coppola che sarebbe in grado di fornirci parte delle pile occorrenti al nostro fabbisogno, ma non può lavorare perchè ha avuto danneggiato il proprio stabilimento da incursioni belliche.

Per la rimessa in esercizio di tale stabilimento occorrono i

seguenti materiali:

24 - travi, travicelli e mozzature	cm. 400 di lung.	cm. 5 spess.
12 - tavole di abete	" " 400 "	" " 2,5 "
8 - " " " "	" " 400 "	" " 5 "
8 - tavolini di castagno	" 200/350 "	" " 400 x 10 x 10 "
1 - murali di abete	" 400 x 10 x 10 "	

Kg. 50.000 di cemento

" 5.000 di calce

N. 300 - vetri opachi da cm. 31 x 74

" 900 - vetri chiari " " 65,5 x 31,5

Kg. 100 Olio di lino cotto

Si prega di fare assegnare alla Ditta suddetta i materiali di cui sopra.

p. IL DIRETTORE GENERALE

f. L. Cigno

1101

1 5 3 9

Assegnazione materiali
per ricostruzione Sta-
bilimento pile elettriche.

S.C.

R. O. M. A.
ALLA COMMISSIONE ALIMENTA
SOTTOCOMMISSIONE PER L'INDUSTRIA
E COMMERCIO R. O. M. A.

Come è stato fatto noto con precedenti comunicazioni, questa Amministrazione ha assoluta necessità di pile elettriche per la riattivazione degli impianti telegrafici, telefonici e di segna-
mento della rete ferroviaria.

A Roma esiste la Ditta Mario Coppola che sarebbe in grado di fornirci parte delle pile occorrenti al nostro fabbisogno, ma non può lavorare perchè ha avuto danneggiato il proprio stabilimento da incursioni belliche.

Per la rimessa in esercizio di tale stabilimento occorrono i

seguenti materiali:

- 24 - travi, travicelli e mozzature
- 12 - tavole di abete da cm. 400 di largh. e cm. 5 spess.
- 3 - " " 400 " " 2,5 "
- 3 - tavolini di castagno 200/350 " " 5 "
- 1 - murali di abete 400 x 10 x 10

kg. 50.000 di cemento

" 5.000 di calce

N. 300 - vetri opachi da cm. 31 x 74

" 260 - vetri chiari " 65,5 x 31,5

kg. 100 Olio di lino cotto

1101

Si prega di fare assegnare alla Ditta suddetta i materiali di cui sopra.

GL.

p. IL DIRETTORE GENERALE
fte L. Cigno

3 OTT. 1944

FILE

ALLIED FORCE
MILITARY RAILWAY SERVICE
OFFICE OF DIRECTOR ~~General~~ Italy

WSW/ri

3

AFD 400.
29 September 1944

SUBJECT: Release of Cell Batteries.

TO : Director General, Italian State Railways.
ATTENTION: Stores Department.

1. There is attached, A.C.C. release order number 1228, dated 25 September 1944, for various cell batteries as requested in letter from Office of I.R.S., dated 19 August 1944, reference number IRS/IV/5.
2. You are authorized to proceed at once to procure the batteries covered by above release.

For the Director:

W. S. WALKER
Major, TC
Stores Section

cc: Captain Westor, Signal Supervisor, Bldg.

Dict WSW
Typed RI
Checked _____

1100

FILE

Headquarters
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

28 August 1944

SUBJECT: Cell Batteries for HRT Dispatching Equipment.

TO : Commerce Sub-Commission, Allied Control Commission
THRU: Communications Sub-Commission

1. Attached is letter (and translation) from Italian State Railways, dated 19 August 44, reference RS/IV/5, describing their requirements for dry cell batteries, and an analysis of sources of supply.

2. It appears that AIE Society - Rome, could supply part of the demand from stock, and has material enough, though presently frozen, to enable a production of 200 kilo per day for 3 months.

3. There is attached a bid on form MAT No. 10, for cell battery requirements for maintenance work, as listed in reference letter. It is requested that release be granted for immediate purchase by HRT of requested items in stock, and that if consistent favorable consideration be given to making up the deficient items from frozen material stocks at the plant.

4. This letter and request is being routed through Communications Sub-Commission for their concurrence as to requested release; and as information of possible interest as to production at this plant beyond the 3 months period.

Incl. 1 Release
1 Lett.

W. B. WALKER, Major TC
For. D. S. Adams, Col. G.H.
Director, Tpn. Sub-Commission

cc - DG MRS -
Attn: AME Stores

Typd _____

Clkd _____

Sgd _____

1099

HEADQUARTERS

ALLIED CONTROL COMMISSION

INDUSTRY & COMMERCE SUB-COMMISSION

APO 394

Date:

Aug 25, 44

1. DEMAND FOR CONTROLLED MATERIALS.

2. AMG/ACC FORMATION

Transportation Sub Commission

3. COMMODITY DEMANDED

Cell batteries

(Give particulars of specification on back of form)

4. QUANTITY REQUIRED: (In metric tons or other suitable unit)

See Reverse

(a) Single lot demand:

yes

(b) Next Month

(c) Second Month

(d) Third Month

5. JUSTIFICATION: (Detail this information on back of form)

Maintenance of railway signals

6. SOURCES OF SUPPLY (if known). Give particulars:

APE Security. Rome

(a) Has Material been located?

yes

(b) If locally - Where?

SEE COVERING LETTER, 1

(c) If anywhere in Liberated Italy (including Sicily & Sardinia) - Where?

(d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.:

7. ADDRESS FOR DELIVERY:

Consignee:

1098

Chief of I.E.S. Office.

Address:

Italian State Railways

Roma

8. It is certified that these supplies and stores are required for (URGENT), (NORMAL), (STOCK)

~~PHOTO~~ purposes. (Strike out words not applicable).

Date:

Signature:

Rank, Title, Office.

Major. I.E.S. Sub-Comm.

9. REGIONAL APPROVAL

Title

Date

4. QUANTITY REQUIRED: (In metric tons or other suitable unit) *See Reverse*

- (a) Single lot demand: *yes*
- (b) Next Month
- (c) Second Month
- (d) Third Month

5. JUSTIFICATION: (Detail this information on back of form) *Maintenance of railway signals*

6. SOURCES OF SUPPLY (if known). Give particulars: *AFE Society, Rome*
SEE COVERING LETTER, 1

- (a) Has Material been located? *yes*
- (b) If locally - Where?
- (c) If anywhere in Liberated Italy (including Sicily & Sardinia) - Where?
- (d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.:

7. ADDRESS FOR DELIVERY:

Consignee: *1098*
Chief of I.E.S. Office.
 Address: *Italian State Railways*
Rome

8. It is certified that these supplies and stores are required for (URGENT), (NORMAL), (STOCK ~~PILE~~) purposes. (Strike out words not applicable).

Date: Signature: *Major, I.E.S. Office.*
 Rank, Title, Office.
 Title Date

9. REGIONAL APPROVAL

FOR USE OF LOCAL RESOURCES SECTION (I & C SUB-COMMISSION).

AFLR (I) B Release Order No. *1228* Our Release Order No. *1228*
 Date *15 Sept-46*

Remarks:

Form ACC-MAT No. 10.



MINISTERO DELLE COMUNICAZIONI
FERROVIE DELLO STATO - DIREZIONE GENERALE
(1) Ufficio I.E.S. ROMA

Roma, li 19 Agosto 1944 - A

N. IES/IV/5

Al N. del

OGGETTO: Approvvigionamento pile
elettriche.

Magg. F. J. MURPHY

Quartiere Generale del Servizio
Ferroviario Militare Alleato-
VILLA PATRIZI = ROMA =

Stab. Tip. Puccini - Ancona - Ord. 37 - 3 e 42 XX - 1.7.1920 1/1

Questo Ufficio, per la manutenzione e riattivazione dei telefoni e telegrafi della propria rete e per la consegna di lampade portatili al personale di linea, durante i prossimi tre mesi, prevede il seguente fabbisogno di pile elettriche:

- a)- N.200 pile cilindriche m/m.70 x 175, Volt $1\frac{1}{2} + 0,8$, peso Kg.0,430 cad., per telefoni selettivi e batteria locale (block - phones)
- b)- N.150 pile parallelepipedo m/m.100 x 100 x 190, Volt $1\frac{1}{2} + 0,8$, peso Kg.2,460 cad., per telegrafi-
- c)- N.100 pile piatte tascabili Volt.4,5 peso Kg.0,150
- d)- N.100 pile parallelepipedo m/m.65 x 95 x 80 Volt. 4,5 peso Kg.0,630
- e)- N.50 " " " 65 x 115 x 150 " 4,5 " " 1,950

Questo Ufficio tuttavia non ha alcuna possibilità di approvvigionare le pile suddette presso le Ditte che per il passato sono state normali fornitrici delle F.S. in quanto tutte residenti al Nord Italia, con la sola eccezione della Ditta Hellenens di Roma che ha però lo stabilimento

N.

-/-

1097

(1) Servizio.

per lampade
portatili

- 2 -

distrutto dai bombardamenti aerei. Non resterebbe che la Società A.P.E. di Roma, presso la quale le F.S., nel passato, hanno provato soltanto alcuni campioni di pile con esito favorevole. Tale Ditta però ha la lavorazione ed il magazzino bloccati dal Commerce Sub-Commission Material Section (Magg. Wood) ed ha per tale motivo licenziato gran parte del Personale; ma sarebbe in grado di ricompletare i quadri e riprendere la normale produzione di 2 Q.li di pile al giorno, con possibile aumento a 4 Q.li al giorno. Peraltro essa possiede in magazzino materie prime sufficienti per tre mesi di lavoro a due quintali al giorno e per il proseguimento del lavoro abbisognerebbe dei seguenti materiali:

	circa Kg.20 per Q.le di pile prodotte						
1)- zinco elettrolitico in fogli	"	"	3	"	"	"	"
2)- grafite naturale argentea	"	"	50	"	"	"	"
3)- biossido di manganese	"	"	1	"	"	"	"
4)- spago di canapa assortito	"	"	5	"	"	"	"
5)- colofonia	"	"	0,3	"	"	"	"
6)- paraffina	"	"	5	"	"	"	"
7)- carbone coke	"	"	0,6	"	"	"	"
8)- stagno e biombo	"	"	0,6	"	"	"	"
9)- ottone in barre ed in fogli	"	"	2	"	"	"	"
10)- carburo di calcio	"	"	4	"	"	"	"
11)- benzina	"	"	3	"	"	"	"
12)- colla cerviona							

Sempre in magazzino, la Società trattiene bloccato un discreto quantitativo di pile pronte, che avrebbe dovuto consegnare a varii Enti e Società cittadine

-/-



MINISTERO DELLE COMUNICAZIONI
FERROVIE DELLO STATO - DIREZIONE GENERALE

(1)

194 - A

N.

Al N.

del

OGGETTO:

- 3 -

fra cui N.254 pile telefoniche e N.235 pile tascabili, che potrebbero tornare utili a questo Ufficio e che rischiano, per contro, di deteriorarsi prima dello uso.

Stante questa situazione si prega esaminare l'opportunità di intervenire per consentire alla A.P.E. la vendita a questo Ufficio delle pile pronte nonché la ripresa della lavorazione per i tipi mancanti, tenendo altresì presente la convenienza di assegnare per il futuro le materie prime occorrenti.

Circa i prezzi ~~che~~ la Società A.P.E. non è in grado, data la sua presente situazione, di fornire elementi precisi ma con le materie di cui dispone ha assicurato di poter fare prezzi all'incirca 6 o 7 volte maggiori di quelli praticati nel 1942.

A titolo informativo si comunica che le F.S. pagavano nel 1942:

per le pile cilindriche 70 x 175	£.13,80
" " parallelepipedo 100x100x190	£.28,==
" " tascabili	£.1,50
" " parallelepipedo 65x95x80	£.30,==
" " " 65x115x150	£.42,==

IL CAPO DELL'UFFICIO I.E.S.

Manning

(1) Servizio.

Headquarters
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

29 August 1944

SUBJECT: Cell Batteries for ISM Dispatching Equipment.

TO : Commerce Sub-Commission, Allied Control Commission
FROM: Communications Sub-Commission

1. Attached is letter (and translation) from Italian State Railways, dated 19 August 44, reference DSA/SM/5, describing their requirements for dry cell batteries, and an analysis of sources of supply.

2. It appears that ASE Society - Rome, could supply part of the demand from stock, and has material enough, though presently frozen, to enable a production of 200 kile per day for 3 months.

3. There is attached a bid on form MAT No. 10, for cell battery requirements for maintenance work, as listed in reference letter. It is requested that release be granted for immediate purchase by ISM of requested items in stock, and that if consistent favorable consideration be given to making up the deficient items from frozen material stocks at the plant.

4. This letter and request is being routed through Communications Sub-Commission for their concurrence as to requested release; and as information of possible interest as to production at this plant beyond the 3 months period.

Incl. 1 Release
1 lett.

W. S. RAIGER
W. S. RAIGER, Major TC
For. D. S. Adams, Col. C.E.
Director, Tpn. Sub-Commission

cc - DG SRS -
Attn: ACM Stores

1096

HEADQUARTERS
ALLIED CONTROL COMMISSION
INDUSTRY & COMMERCE SUB-COMMISSION

APO 394

Date: August 25, 1944

1. DEMAND FOR CONTROLLED MATERIALS.
2. AMG/ACC FORMATION Transportation Sub-Committee
3. COMMODITY DEMANDED Cell Batteries
(Give particulars of specification on back of form)
4. QUANTITY REQUIRED: (In metric tons or other suitable unit) See Reverse
 - (a) Single lot demand: Yes
 - (b) Next Month
 - (c) Second Month
 - (d) Third Month
5. JUSTIFICATION: (Detail this information on back of form) Maintenance of Railway Signals
6. SOURCES OF SUPPLY (if known). Give particulars: ABB Society, Rome
See Covering Letter
 - (a) Has Material been located? Yes
 - (b) If locally - Where?
 - (c) If anywhere in Liberated Italy (including Sicily & Sardinia) - Where?
 - (d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.:

7. ADDRESS FOR DELIVERY:

Consignee: Chief of I.T.S. Office
Address: Italian State Railways
Rome

8. It is certified that these supplies and stores are required for (URGENT), (NORMAL), (STOCK PILING) purposes. (Strike out words not applicable).

Date: _____ Signature: _____
Rank, Title, Office, Major, 1st Lt. Sub-Committee on
9. REGIONAL APPROVAL _____ Title _____ Date _____

See Reverse

4. QUANTITY REQUIRED: (In metric tons or other suitable unit)

- (a) Single lot demand: Yes
- (b) Next Month
- (c) Second Month
- (d) Third Month

5. JUSTIFICATION: (Detail this information on back of form) Maintenance of Railway Signals

6. SOURCES OF SUPPLY (if known). Give particulars: AMS Society, Rome

(a) Has Material been located? Yes See Covering Letter

(b) If locally - Where?

(c) If anywhere in Liberated Italy (including Sicily & Sardinia) - Where?

(d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.:

7. ADDRESS FOR DELIVERY:

Consignee: Chief of I.E.S. Office

Address: Italian State Railways
Rome

8. It is certified that these supplies and stores are required for (URGENT), (NORMAL), (STOCK PILING) purposes. (Strike out words not applicable).

Date: _____ Signature: _____ Rank, Title, Office
Major, 1st Lt, Sub-Commissioner

9. REGIONAL APPROVAL _____ Title _____ Date _____

FOR USE OF LOCAL RESOURCES SECTION (I & C SUB-COMMISSION).

AFLR (I) B Release Order No. _____ Our Release Order No. _____
Date _____ Date _____

Remarks:

Form ACC-MAT No. 10.

CELL BATTERIES

- (a) No. 200 Round Cell Batteries
70 x 175 mm. 1 1/2 x 0.8 volts
weight each 0.430 kilo
for use on selector phones and local battery phones.
- (b) No. 150 Rectangular Cell Batteries
100 x 200 x 290 mm. 1 1/2 x 0.8 volts
weight each 2.460 kilo - for telegraph.
4.5 volts - weight each .150 kilo. for flashlights.
- (c) No. 100 Flat Cell Batteries
65 x 95 x 60 mm. 4.5 volts - weight each .630 kilo - for flashlights
- (d) No. 200 Rectangular cell Batteries
65 x 115 x 150 mm. 4.5 volts - weight 1.950 kilo - for flashlights.
- (e) No. 50 -do-

Translation

I.E.S. Office

Rome, 19th August 1944
No. IES/IV/5

Major F. J. MURPHY
D.G. M.R.S. ROLE

For maintenance and reactivation of telephonic and telegraphic equipment under supervision of this office and in order to furnish workmen on line with flashlights we foresee, for the future three months, need of the following batteries:

- a) No. 200 round cell batteries 70 x 175 mm. $1\frac{1}{2} + 0.8$ volts.
Weight each 0.430 kilo
For use on selector phones and local battery phones.
- b) No. 150 rectangular cell batteries 100 x 100 x 190 mm. $1\frac{1}{2} + 0.8$ volts.
Weight each 2.460 kilo - for telegraph.
- c) No. 100 flat cell batteries 4.5 volts - Weight each .150 kilo, for flashlights.
- d) No. 100 rectangular cell batteries 65 x 95 x 80 mm. 4.5 volts - Weight each .630 kilo - for flashlights
- e) No. 50 " " " 65 x 115 x 150 mm. 4.5 volts - Weight 1.950 kilo. - for flashlights.

This office has no longer the opportunity of purchasing above said from Firms which formerly used to furnish us as they are all in northern Italy excepting the Hellensens Company, Rome, which has had its premises destroyed by aerial bombs. The only choice left is the APE Society - Rome - whose products have been tried by I.S.R. and found good. This Firm, tho, has its production and stores frozen by Commerce Sub-Commission Material Section (Major Wood) and for this reason has discharged most of its personnel. Eventually it could employ workmen to regain normal personnel and produce (as in normal times) 200 kilos weight of cell batteries per day possibly increasing it to 400 kilos per day. The firm has in stock material sufficient to produce 200 kilos of cell batteries per day for three months. After this period in order to continue production it would need following material:

	Approx	20 Kilo	per quintale	of cell batteries
1. Electrolytic zinc in sheet	"	3	"	"
2. Natural silvery graphite	"	50	"	"
3. Manganese dioxide	"	1	"	"
4. Assorted hemp twine	"	5	"	"
5. Colophony	"	0.3	"	"
6. Paraffin	"	5	"	"
7. Coke	"	0.6	"	"
8. Tin & Lead	"	0.6	"	"
9. Brass (bars & sheets)	"	2	"	" 1094 "
10. Carbide	"	4	"	"
11. Gasoline	"	3	"	"
12. Glue	"		"	"

Frozen in the Firms' stores is a quantity of cell batteries which were to go to various firms and companies in Rome. Among them are 254 telephone batteries and 235 flashlight batteries which would be very useful to this office. Remaining in firm's store there is danger of these batteries wearing out.

This being the present situation, we ask you to examine opportunity of letting us have authorization for purchase of batteries from A.P.E. firm. Moreover, future production of above said firm examining possibilities of letting same have material after three months are elapsed.

For what concerns prices the A.P.E. firm is not able to disclose same owing to its actual situation, but it has assured us that they will be approximately 6 or 7 times larger than those of 1942.

For your information, I.S.R. purchased cell batteries in 1942 at following prices:

Round cell batteries 70 x 175 mm @ L.13.80 (14¢)
Rectangular cell batteries 100 x 100 x 190 mm @ L. 28 (28¢)
Flat cell batteries @ L. 1.5 (2¢)
Rectangular cell batteries 65 x 95 x 80 @ L. 30 (30¢)
Rectangular cell batteries 65 x 115 x 150 @ L. 42 (42¢)

THE CHIEF OF I.E.S. OFFICE

(Signed) Fazio

Headquarters
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

12 September 1944

SUBJECT: Storage Batteries for I.S.R.

TO : Commerce Sub-Commission, A.C.C. - APO 394, US Army

1. The need for storage batteries, and materials with which to repair storage batteries, for necessary use in railway operations is serious. Stock of batteries, or repair parts of I.S.R., have been exhausted.
2. There is attached a list of batteries, and repair materials, which Italian State Railways were called upon to provide July 19. They have been unable to find the same available, to them, in unoccupied Italy.
3. Normally these needs were supplied by Fabbrica Accumulatori "Partenope" located at Casalmorve di Napoli. It is understood that this plant is the only one of its kind operating in liberated Italy, and that it was taken over by REME in January, 44, and is being operated by them now, the control of the materials used being vested in D.M.E.-AAI.
4. There is attached, copy of letter from Director Italian State Railways, dated Aug. 7, to Transportation Sub-Commission, ACC; also copy of letter from ISR to Director General, Military Railway Service, which are self-explanatory of inability to procure the necessary batteries, or parts, except through the facilities of Fabbrica Accumulatori Partenope.
5. It is indicated in reference letters from ISR that a part of the plant is not being used, and could be restored to operation, if further plant capacity is required. The facts in this regard are not known to this Sub-Commission.
6. In any event, it is submitted that the need for batteries and parts in railway operations justify a high priority.
7. It is therefore requested that action be taken to enable ISR to procure batteries and parts essential to railway operations.

for D. S. ADAMS, Col. CE.,
Director - Transportation Sub-Comm.

CC (1) Director General, Mil.Ry.Serv., (Attn- AGM.Stores)
(2) Industry Sub-Commission, ACC.

1392

TRANSLATION

MINISTRY OF COMMUNICATIONS

I.S.R.
GENERAL DIRECTION
SUPPLY SERVICE

ROME 29 Sept 1944
A.38/1/1980/Gen.

File 3

Subject:
Accumulators and
accessories

TO GENERAL DIRECTION
MILITARY RAILWAY SERVICE

R O M E

1. Referring letter APO.453.4 dated 9 July, our note L.8.24.C. 3740.151.406 is confirmed. *handwritten: 5/22*
2. Solution proposed at point 5 Para A of the note L.8.24.C. 14535.151.406 dated 7 August, is to be preferred, as it is the quickest one for the purpose.
3. Casalnuovo Establishment is used by the Allies to erect electric accumulators, by single pieces received from U.S.A. Such work could be carried out in an other fit plant, being near Campi Flegrei railway station (Naples).
4. The quantity of accumulators out of gear and to be repaired is divided as follows:
 3000 accumulators for trains
 500 " for trains, Diesel rail cars and electric locomotives.
 Such quantity is only concerning Rome, Naples and Reggio C.
5. Would D.G.M.R.S. examine the proposal whereof Para 3, a survey could be made at Naples, together with an Allied technician, to check the details.
6. As for point 2 of note APO/400, dated 16 August, we inform you that suitable arrangements are being made to exploit local supply sources of each Railway Compartimento. Informations will be forwarded on the progress of the arrangements.

DIRECTOR GENERAL

Signed: DI RAIMONDO

1091

1. Referring letter APO.453.4 dated 2 July, our note L.8.24.0. 8740.151.406 is confirmed. *in letter of 8/20*
2. Solution proposed at point 5 Para 4 of the note L.8.24.0. 14535.151.406 dated 7 August, is to be preferred, as it is the quickest one for the purpose.
3. Casalnuovo Establishment is used by the Allies to erect electric accumulators, by single pieces received from U.S.A. Such work could be carried out in an other fit plant, being near Campi Flegrei railway station (Naples).
4. The quantity of accumulators out of gear and to be repaired is divided as follows:
 2000 accumulators for trains
 500 " for trains, Diesel rail cars and electric locomotives.
 Such quantity is only concerning Rome, Naples and Reggio C.
5. Would D.G.M.R.S. examine the proposal whereof Para 3, a survey could be made at Naples, together with an Allied technician, to check the details.
6. As for point 2 of note APO/400, dated 16 August, we inform you that suitable arrangements are being made to exploit local supply sources of each Railway Compartiments. Informations will be forwarded on the progress of the arrangements.

DIRECTOR GENERAL

Signed: DI RAIMONDO

1091

Cm



MINISTERO
DELLE COMUNICAZIONI

FERROVIE DELLO STATO
DIREZIONE GENERALE

SERVIZIO APPROVVIGIONAMENTI

OGGETTO

Accumulatori ed

accessori

Roma 29 agosto 1944 - A.

N. A. 38/A/1980/Gen.

Al N. del

ALLA DIREZIONE GENERALE DEL
MILITARY RAILWAY SERVICE

R O M A

ALLEGATI N.

- 1) Alla lettera A.P.O. 453.4 del 9 luglio u.s. si rispose colla nota L.8.24.C.8740.151.406 che si conferma.
- 2) La soluzione proposta al punto 5° lettera a) dell'altra nota L.8.24.C.14535.151.406 del 7 corr. si ritiene che sia da preferirsi perchè conduce più rapidamente allo scopo.
- 3) Lo stabilimento di Casalnuovo viene adibito dagli Alleati per lavori di montaggio di accumulatori elettrici con pezzi staccati che ricevono dall'America.

Tale lavoro potrebbe essere eseguito in altro locale adatto che trovasi presso la Stazione Ferroviaria di Campi Flegrei (Napoli).

- 4) Il numero degli accumulatori inutilizzati e da ripararsi è di 2.500 così ripartito:

2.000 accumulatori per treni

500 " " " per littorine e locomotori.

1090

Tale numero è relativo alle sole tre località di Roma, Napoli Reggio Calabria.

./.

- 5) Se codesto On.le M.R.S. è di avviso di esaminare la proposta di cui al N°3 si potrà fare un sopralluogo a Napoli per studiare sul posto, con un tecnico alleato, i particolari.-
- 6) Per quanto riguarda il punto 2) della nota A.P.O.400 del 16 and. si fa presente che si sta concretando l'organizzazione necessaria per sfruttare le possibilità locali di approvvigionamento nei singoli Compartimenti Ferroviari e se ne riferirà.-

IL DIRETTORE GENERALE

Edi Ramer

GL.

(CHEMICALS DIVISION)

WJM/ac

23 September 1944

Tel. 328

Ref. ACC/5595/IKD

SUBJECT : Storage Batteries for I.S.R.
To : Transportation Sub-Commission

1. Your letter 12 September 44 addressed to Commerce Sub-Commission, copy to Industry Sub-Commission, is subject.
2. This Sub-Commission has made application for permission to survey the plant of the Fabbrica Accumulatori "Partenope" and RBMB who is in occupation of the premises has denied this request.
3. If the matter is sufficiently serious this Sub-Commission is prepared to make representations at a higher level.

For the Acting Chief Commissioner :

Copy to:
Director General, Mil. Ry. Serv.,
(Attn. AGM. Stores)
Commerce Sub-Commission
Economic Section

J. S. E. Todd
for J. S. E. TODD
Colonel,
Acting Director,
Industry Sub-Commission

1089

HEADQUARTERS
ALLIED CONTROL COMMISSION
COMMERCE SUBCOMMISSION
APO 394

ICW/edg

Ref. ACC/5300/Commerce

19 September 1944

SUBJECT: Storage Batteries for I.S.R.

TO : ~~Transportation~~ Subcommittee

1. Your letter of 12 September refers.
2. This letter was passed to Industry Subcommittee for attention and who, in reply have informed this Subcommittee that they are contacting Southern Region further on the matter.
3. Future inquiries regarding the subject matter of your letter under reply should be addressed to Industry Subcommittee.

Copy To:
Industry Subcommittee.

W. P. Evans
W. P. EVANS
Colonel
Director
Commerce Subcommittee

1008

FILE

Headquarters
ALLIED CONTROL COMMISSION
Transportation Sub-Commission
APO 394

12 September 1944

SUBJECT: Storage Batteries for I.S.R.

TO : Commerce Sub-Commission, A.C.C. - APO 394, US Army

1. The need for storage batteries, and materials with which to repair storage batteries, for necessary use in railway operations is serious. Stock of batteries, or repair parts of I.S.R., have been exhausted.

2. There is attached a list of batteries, and repair materials, which Italian State Railways were called upon to provide July 9. They have been unable to find the same available, to them, in unoccupied Italy.

3. Normally these needs were supplied by Fabbrica Accumulatori "Partenope" located at Casalmuove di Napoli. It is understood that this plant is the only one of its kind operating in liberated Italy, and that it was taken over by RMMS in January, 44, and is being operated by them now, the control of the materials used being vested in D.M.E.-AAI.

4. There is attached, copy of letter from Director Italian State Railways, dated Aug. 7, to Transportation Sub-Commission, ACC; also copy of letter from ISR to Director General, Military Railway Service, which are self-explanatory of inability to procure the necessary batteries, or parts, except through the facilities of Fabbrica Accumulatori Partenope.

5. It is indicated in reference letters from ISR that a part of the plant is not being used, and could be restored to operation, if further plant capacity is required. The facts in this regard are not known to this Sub-Commission.

6. In any event, it is submitted that the need for batteries and parts in railway operations justify a high priority.

7. It is therefore requested that action be taken to enable ISR to procure batteries and parts essential to railway operations.

D. S. ADAMS, Col. CE.,
Director - Transportation Sub-Comm.

CC (1) Director General, Mil.Ry.Serv., (Attn- ACM.Stores)
(2) Industry Sub-Commission, ACC.

1087
Dist. *WAW*
Typed *WAW*
Chkd *WAW*
Sgd *WAW*

LIST OF BATTERIES AND PARTS

- 100 Batteries for Sardinia
- 500 Type A (12 V Locomotive and car batteries)
- 300 Type B (4 V for signal equipment)
- 200 Auto Type (6 V for Diesel rail cars)
- 4200 Wood separators, corrugated, $6\frac{3}{16}$ " high x $6\frac{5}{8}$ " wide, and thickness of separators measured on and between corrugations is $\frac{1}{16}$ " x $\frac{3}{64}$ ", respectively.
- 200 lbs. Battery sealing compound.
- 36,000 corrugated wood separators, $7\frac{3}{4}$ " high x $5\frac{3}{16}$ " wide, and thickness of separators measured on and between corrugations is $\frac{3}{32}$ " and $\frac{3}{64}$ " respectively.
- 36,000 Spun glass sheets, size 12" x $8\frac{1}{4}$ " x $\frac{1}{32}$ "
- 3,600 Wood separators $6\frac{1}{2}$ " high x $5\frac{5}{8}$ " wide and $\frac{1}{32}$ " thick without corrugation. NOTE: If no. separators this thin are available, thicker corrugated separators may be used.
- 8,400 Wood separators, corrugated, $6\frac{3}{16}$ " high x $6\frac{5}{8}$ " wide and thickness of separators measured on and between corrugations is $\frac{1}{16}$ " x $\frac{3}{64}$ " respectively.

Rome - 3 AGO 1944

PAG T Mat. 9

Translation
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Ministry of Communications

I S R General Direction

Personnel and General Affairs Service

Material and Traction Office

To the Allied Control

Commission

Tn. Sub-Commission

Via Veneto - Roma

Subject:

Accumulators battery - Sardinia

- 1) Railway service in Sardinia is almost exclusively operated by Diesel rail cars.
- 2) Said rolling stock maintenance is very difficult on account of the absolute lack of recharge (spare) pieces and materials.
- 3) A complete list of the needed materials, included in the larger list of the materials needed for the whole railway system of the freed Italy is already in possession of the A.C.C.
- 4) It should be necessary that accumulators batteries be urgently supplied. 36 of them have already been supplied by the U.S.A. Army, but the needed quantity is approx. 300
- 5) Batteries used for said Diesel rail cars are 6 volt - 110 Amphere-hour - Also batteries of different type, however, can be used.

Director General

* F.to DI RAIMONDO

1086

1663
100A/337/33



MINISTERO DELLE COMUNICAZIONI

FERROVIE DELLO STATO - DIREZIONE GENERALE

Servizio Personale ed Aff. Generali
Ufficio Mat. e Trazione

Roma,

29 AGO 1944

100A

P.A.G.N. T.M. 5

Al N. del

OGGETTO: Batterie accumulatori
occorrenti per la Sardegna

alla Commissione Alleata di Controllo
Sottocommissione Trasporti
Via Veneto n°

R O M A

- 1°) In Sardegna il servizio ferroviario viene effettuato quasi esclusivamente con automotrici.-
- 2°) La manutenzione di questi rotabili presenta però delle gravi difficoltà a causa dell'assoluta deficienza di parti di ricambio e di materiali.-
- 3°) Un elenco completo del materiale occorrente è già in possesso di codesta Commissione poichè fa parte dell'elenco - più vasto - del materiale occorrente per tutta la rete dell'Italia liberata.-
- 4°) Occorrerebbe però, con assoluta urgenza, un certo numero di batterie di accumulatori.- Risulta che le Forze Armate Americane ne hanno già fornite 36: ma il quantitativo occorrente è di circa 300
- 5°)- Le batterie impiegate in quelle automotrici sono a 6 volt da

vs.

1085

./.

110 Ampere - ora. Però è possibile adattarvi anche batterie con caratteristiche notevolmente diverse.-

IL DIRETTORE GENERALE

F.to DI RAIMONDO

Ministry of Communications

Translation

I S R General Direction

Personnel and General Affairs Service

Material and Traction Office

Subject:

Accumulators battery - Sardinia

To the Allied Control

Commission

Tn. Sub-Commission

Via Veneto - Roma

Rome 23 AUG 1944

PAC T Mat. 9

- 1) Railway service in Sardinia is almost exclusively operated by Diesel rail cars.
- 2) Said rolling stock maintenance is very difficult on account of the absolute lack of recchange (spare) pieces and materials.
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- 5) Batteries used for said Diesel rail cars are 6 volt - 110 Apphere-hour - also batteries of different type, however, can be used.

Director Venetel

F.to DI RAIMONDO

1084

1CCA/387/33



MINISTERO DELLE COMUNICAZIONI

FERROVIE DELLO STATO - REGIONE GENERALE

Servizio Personale ed Aff. Generali

Ufficio Mat. e Trazione

Roma. 29 AGO 1944

F.A.G.M. T.Mat. 5

Al N.

del

OGGETTO. Batterie accumulatori
occorrenti per la Sardegna

alla Commissione Alleata di Controllo
Sottocommissione Trasporti
Via Veneto n°

R O M A

- 1°) In Sardegna il servizio ferroviario viene effettuato quasi esclusivamente con automotrici.-
- 2°) La manutenzione di questi rotabili presenta però delle gravi difficoltà a causa dell'assoluta deficienza di parti di ricambio e di materiali.-
- 3°) Un elenco completo del materiale occorrente è già in possesso di codesta Commissione poichè fa parte dell'elenco - più vasto - del materiale occorrente per tutta la rete dell'Italia liberata.-
- 4°) Occorrerebbe però, con assoluta urgenza, un certo numero di batterie di accumulatori.- Risulta che le Forze Armate Americane ne hanno già fornite 36: ma il quantitativo occorrente è di circa 300-
- 5°)- Le batterie impiegate in quelle automotrici sono a 6 volt da

vs.

1983

110 Ampere - ora. Però è possibile adattarvi anche batterie con caratteristiche notevolmente diverse.-

IL DIRETTORE GENERALE

Lds. Xarmond

453 - 4

2nd Ind.

(Material for Repairing Batteries)
AF, HQ MIL RY SERV, OFF O DIR GEN, APO 400, US ARMY, 2 SEPT 1944

To: AGM, Stores.

1. Reference basic communication and 1st indorsement thereto regarding material ordered for batteries and stating you had not received my letters referred to.

2. I am quoting you my letter of 9 July 1944:

"Herewith list of material that is required to rebuild:

100 batteries for Sardinia
500 Type A (12 V locomotive and car batteries)
300 Type B (4 V for signal equipment)
200 Auto Type (6 V for Diesel rail cars)

4200 wood separators, corrugated, 6-3/16" high x 6-5/8" wide, and thickness of separators measured on and between corrugations is 1/16" x 3/64", respectively.

200 lbs. battery sealing compound.

36,000 corrugated wood separators, 7-3/4" high x 5-3/16" wide, and thickness of separators measured on and between corrugations is 3/32" and 3/64" respectively.

36,000 spun glass sheets, size 12" x 8-1/4" x 1/32"

3,600 wood separators 6-1/2" high x 5-5/8" wide and 1/32" thick without corrugation. NOTE: If no separators this thin are available, thicker corrugated separators may be used.

8,400 wood separators, corrugated, 6-3/16" high x 6-5/8" wide and thickness of separators measured on and between corrugations is 1/16" x 3/64" respectively."

3. We are desperately in need of this material if we are going to repair batteries.

F. R. HOSACK

Colonel, Transportation Corps
Assistant General Manager-Equipment.

ALLIED FORCES
MILITARY RAILWAY SERVICE
Office of Director General

AFM 400
13 August 1944

Subject: Material for Repairing Batteries.

To: Col. E. F. McFadden, AGM-Stores, Hq. M.R.S.

1. With reference to my different letters in regards to material for repairing storage batteries, we have not received any of the material yet. If we do not receive some of the material, listed, for the necessary repairs to storage batteries, we will soon have our electric locomotives, Diesel locomotives, and the few passenger cars we have with lights tied up.

2. Some action should be taken to secure the necessary material to make repairs to storage batteries. It is my opinion that whether the war ends in the next two months, that we will still have to run the railroads for several months after the war is over and we will be responsible for their operation. As you know, we have been using what little supplies there were in this theater over a period of months during which we have been operating the Italian railroads and there are many items of which the stock supplies are exhausted.

E. F. McFadden
Col. TC
Assistant General Manager
Equipment

Incl.-List of Material

cc-Dir. Gen. Carl E. Gray, Jr., Dir. Gen., Hq. M.R.S.

(Matl. to Repr. Batteries)
AGM - Stores - 17 Aug. 1944

1st Ind.

EFM/jme

1001

TO: A.G.M. - Equipment

1. Relative to paragraph one, basic letter, we are unable to locate copies of "different letters in regards to material for repairing storage batteries". Will appreciate receiving copies. We do have your letter of 9 July requesting four items of wooden separators, sealing compound and spun glass sheets. Machinery is in motion in an endeavor to have the wood separators requested manufactured at a plywood plant in Naples. Regarding the spun glass sheets, so far we have not located a source, but have found some spun glass insulation in coils. Battery sealing compound has been under investigation

(Matl. to Repr. Batteries)

1st Ind. (contd)

and in conversation with Italians making repairs to batteries, we believe it is going to be necessary to use probably a tar product for this purpose, however, investigations are not yet completed.

2. The statement of material attached to your letter of 13 August showing material needed monthly for maintenance of batteries cannot be handled in the form in which presented. In order for these items to be ordered from the United Kingdom or the United States, it will be necessary that we have a complete description, catalog reference, drawing numbers, or other information which will enable the manufacturers to supply requirements. Also, we should have the battery manufacturer's name and the type of battery for which the materials are required. Your attention is invited to the fact that to obtain material from U.K. or U.S., a minimum of 120 days is required, providing the materials requested are not critical items and if they are available on manufacturers' shelves. If it is necessary for the manufacturers to make after the order is received, then five to six months are required for delivery, and possibly longer. If you will furnish list of items with complete description necessary for ordering, I will ask the Director General for authority to import.

3. My personal reaction to this requirement is that more complete satisfaction would be obtained if complete batteries, rather than parts for repairs to batteries, were ordered. This is, of course, based on the supposition that the continued use of equipment requiring batteries is essential for continued military operation. If complete batteries are requisitioned, it will, of course, be necessary for us to have a complete description of a battery which will meet your requirements.


E. E. MCFADDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores

Encl:

List of Material

cc: Brig.Gen. Carl R. Gray, Jr.

1080

Material Needed Monthly for the Maintenance of 600 Batteries Type A

<u>Item</u>	<u>No. Needed</u>
Beechwood for containers type PC, MT to be repaired	no. 2
Ebonite boxes type PC and MT	400
" prisms for boxes, type PC and MT	400
" lids type PC and MT	400
" stoppers for batteries PC and MT	700
Rubber discs stoppers	700
" " for terminals	400
Springs, type TMIO	100
Wire holding plates	100
Ebonite plates for winged nuts MT	100
Positive groups 6 PA 152	500
Copper wire connecting valves to winged nuts MT with rubber cover	100
Threaded lead discs for terminals PC and MT	400
Lead connecting PC	300
Terminal connections of polarity MT	300
" " " " for batteries PC (copper and lead)	200
Ebonite lids type S3	30
" stoppers for lids S3	100
Positive groups S3	200
Negative " "	200
Ebonite separators type S	400
Small copper plates	100
Glass containers type C	300
Ebonite lids type C	300
Rubber stoppers	300
Positive groups	50
Negative groups	50
Encased nuts (black)	300
" " (red)	300
Red celluloid discs	150

Material Needed Monthly for the Maintenance of 600 Batteries Type A

<u>Item</u>	<u>No. Needed</u>
Beechwood for containers type PC, MT to be repaired	mc. 2
Ebonite boxes type PC and MT	400
" prisms for boxes, type PC and MT	400
" lids type PC and MT	400
" stoppers for batteries PC and MT	700
Rubber discs stoppers	700
" " for terminals	400
Springs, type TH10	100
Wire holding plates	100
Ebonite plates for winged nuts MT	100
Positive groups 6 PA 152	500
Copper wire connecting valves to winged nuts MT with rubber cover	100
Threaded lead discs for terminals PC and MT	400
Lead connecting PC	800
Terminal connections of polarity MT	300
" " " " for batteries PC (copper and lead)	200
Ebonite lids type S3	30
" stoppers for lids S3	100
Positive groups S3	200
Negative " "	200
Ebonite separators type S	400
Small copper plates	100
Glass containers type C	300
Ebonite lids type C	300
Rubber stoppers	300
Positive groups	50
Negative groups	50
Encased nuts (black)	300
" " (red)	300
Red celluloid discs	150

FILE

(Encl. to Repr. Batteries)

1st Ind. (contd)

and in conversation with Italians making repairs to batteries, we believe it is going to be necessary to use probably a far product for this purpose, however, investigations are not yet completed.

2. The statement of material attached to your letter of 13 August showing material needed monthly for maintenance of batteries cannot be handled in the form in which presented. In order for these items to be ordered from the United Kingdom or the United States, it will be necessary that we have a complete description, catalog reference, drawing numbers, or other information which will enable the manufacturers to supply requirements. Also, we should have the battery manufacturer's name and the type of battery for which the materials are required. Your attention is invited to the fact that to obtain material from U.K. or U.S., a minimum of 120 days is required, providing the materials requested are not critical items and if they are available on manufacturers' shelves. If it is necessary for the manufacturers to make after the order is received, then five to six months are required for delivery, and possibly longer. If you will furnish list of items with complete description necessary for ordering, I will ask the Director General for authority to import.

3. My personal reaction to this requirement is that more complete satisfaction would be obtained if complete batteries, rather than parts for repairs to batteries, were ordered. This is, of course, based on the supposition that the continued use of equipment requiring batteries is essential for continued military operation. If complete batteries are requisitioned, it will, of course, be necessary for us to have a complete description of a battery which will meet your requirements.

E. F. MCFADDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores

Dict *ELM*
Type *JWE*
Chkd _____
Sgd _____

Encl:

List of Material

cc: Brig. Gen. Carl A. Gray, Jr.

1078

Batteries

C O P Y

FILE

ALLIED FORCE
MILITARY RAILWAY SERVICE
Office of Director General

APO 400
13 August 1944

Subject: Material for Repairing Batteries

To : Col. R. F. McFadden, AGM-Stores, Hq, M.R.S.

1. With reference to my different letters in regards to material for repairing storage batteries, we have not received any of the material yet. If we do not receive some of the material, listed, for the necessary repairs to storage batteries, we will soon have our electric locomotives, diesel locomotives, and the few passenger cars we have with lights tied up.

2. Some action should be taken to secure the necessary material to make repairs to storage batteries. It is my opinion that whether the war ends in the next two months, that we will still have to run the railroads for several months after the war is over and we will be responsible for their operation. As you know, we have been using what little supplies there were in this theater over a period of months during which we have been operating the Italian railroads and there are many items of which the stock supplies are exhausted.

F. R. NOSACK,
Col. TC
Assistant General Manager
Equipment

Incl: List of Material

cc: Brig.Gen. Carl R. Gray, Jr., Dir., Gen., Hq, M.R.S.

(Encl. to Repr. Batteries)
AGM - Stores - 17 Aug. 1944

1st Incl.

1077

RFW/jee

TO: A.G.M. - Equipment

1. Relative to paragraph one, basic letter, we are unable to locate copies of "different letters in regards to material for repairing storage batteries". Will appreciate receiving copies. We do have your letter of 9 July requesting four items of wooden separators, sealing compound and spun glass sheets. Machinery is in action in an endeavor to have the wood separators requested manufactured at a plywood plant in Naples. Regarding the spun glass sheets, so far we have not located a source, but have found some spun glass insulation in coils. Battery sealing compound has been under investigation

Material Needed Monthly for the Maintenance of 600 Batteries Type A

Item	No. Needed
Beechwood for containers type PC, MT to be repaired	400
Ebonite boxes type PC and MT	400
" prisms for boxes, type PC and MT	400
" lids type PC and MT	700
" stoppers for batteries PC and MT	700
Rubber discs stoppers	400
" " for terminals	100
Springs, type TH10	100
Wire holding plates	100
Ebonite plates for winged nuts MT	500
Positive groups 6 PA 152	
Copper wire connecting valves to winged nuts MT with rubber cover	100
Threaded lead discs for terminals PC and MT	400
Lead connecting PC	800
Terminal connections of polarity MT	300
" " " " for batteries PC	200
(copper and lead)	30
Ebonite lids type S3	180
" stoppers for lids S3	200
Positive groups S3	200
Negative " "	400
Ebonite separators type S	100
Small copper plates	300
Glass containers type C	300
Ebonite lids type C	300
Rubber stoppers	50
Positive groups	50
Negative groups	300
Encased nuts (black)	300
" " (red)	150
Red celluloid discs	

ALLIED FORCE
MILITARY RAILWAY SERVICE
Office of Director General

FILE 3
APO 400
16 August 1944

Subject: Stores and Purchases - I.S.R.

TO : Director General, Italian State Railways - Rldg.
Attn: Ing. Gino Bracci, Chief of Stores.

1. When the Bari Compartimento is returned to operation by your administration your stores organization will be expected to take the initiative in the matter of anticipating store needs and procuring the same. When controlled items of supplies are involved you will have the assistance of ACC, and in proper cases this organization, in sponsoring request for their release and, in general, rendering every assistance possible. If an organization for purchasing and handling of stores has not already been provided and ready to function it should be arranged at once.

2. In this connection, a request was made upon Ing. Pomarici at Naples some weeks ago to set up a purchasing and stores organization and to get it functioning. Have understood that an organization was set up, but would like to have this verified in writing. The experience we have had in respect to the Naples Compartimento and the procurement of some items which could be had by aggressive effort has not been on the whole satisfactory. Particular reference is made to materials for repairs to I.S.R. batteries. Copy of request is attached. We have not been advised of any action.

For the Director General:

E. F. McFADDEN
Colonel, TC,
Asst. Genl. Mgr. - Stores.

Incl.
Copy Lett. 9 July 44 file 453-4
" " 12 " 44 " 453-6

1073
Cpd
Chkd
Snd

Index

C O PY

ALLIED FORCE
MILITARY RAILWAY SERVICE
Office of Director General

A.P.O. 400
9 July 1944

453 - 4

Subject: Materials for Batteries.

To: Col. E. F. McFadden, AGM- Stores

1. Herewith list of material that is required to rebuild:

100 batteries for Sardinia
500 Type A (12 V locomotive and car batteries)
300 Type B (4 V for signal equipment)
200 Auto Type (6 V for Diesel rail cars)

4200 wood separators, corrugated, 6-3/16" high x 6-5/8" wide, and thickness of separators measured on and between corrugations is 1/16" x 3/64", respectively.

200 lbs. battery sealing compound.

36,000 corrugated wood separators, 7-3/4" high x 5-3/16" wide, and thickness of separators measured on and between corrugations is 3/32" and 3/64" respectively.

36,000 spun glass sheets, size 12" x 8-1/4" x 1/32"

3,600 wood separators 6-1/2" high x 5-5/8" wide and 1/32" thick without corrugations. Note: If no separators this thin are available, thicker corrugated separators may be used.

8,400 wood separators, corrugated, 6-3/16" high x 6-5/8" wide and thickness of separators measured on and between corrugations is 1/16" x 3/64" respectively.

2. It is absolutely necessary that we have this material at once.

1074
F. R. HOSACK
Colonel, Transportation Corps
Assistant General Manager-Equipment

Copy

(Materials for Batteries)
453 - 6

1st Ind.

CHH/ore

Allied Force, Mil Ry Serv, Ofc. of Dir. Genl., APO 400, U.S. Army, 12 July 1944

TO: Signor M. Pomerial - Bldg.

1. Your attention is directed to basic communication concerning repair materials required for necessary repairs to I.S.R. batteries.
2. It is desired that you take the necessary steps to furnish materials listed in basic communication from sources which previously supplied this material to the I.S.R.
3. It is desired that this matter be expedited all possible, as the need is extremely urgent.

For the Director General:

E. F. MCFADDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores.

1373

Enclosed for the Chief Engineer - Naples
State Railway - Office - 1st Dept.

Naples, July 29th, 1944

3

1.- Referring to your request we are sending you, herewith enclosed, a list of materials (Encl. No. 1) and a list of the amounts of sulphuric acid, distilled water and lubricating oil (Encl. No. 2) monthly wanted for repairing a stock of about 600 storage batteries for the needs of both Allied Forces and Italian State Rys.

2.- We spot to you (Encl. No. 3) the names of our Employees charged to withdraw all our storage batteries standing within and out the It. St. Rys premises and from all the railway cars and carriages standing along the station yards.

We beg you to kindly get us a proper and SEPARATE certificate for each man in order to enable them to freely enter and carry on their work without difficulties.-

for Ing. Francesco Giarella
Chief Engineer
Elect. Inst. & Sign. Office

Ing. CM/FG

ING. D'ONOFRIO

1944
via Roma 123

ALL. I

MATERIALS OCCURRING MONTHLY FOR MAINTENANCE OF 600
BATTERIES TYPE A

Beech wood for containers type PC, MT to be repaired	mc.	1
Ebonite boxes type PC and MT.....	n°	400
Ebonite prisms for boxes, type PC and MT.....	n°	400
Ebonite lids type PC and MT.....	n°	400
Ebonite stoppers for batteries PC and MT	n°	700
Rubber discs stoppers	n°	700
Rubber discs for terminals	n°	400
Springs, type THIO.....	n°	100
Wire holding plats.....	n°	100
Ebonite plats for winged nuts MT.....	n°	100
Positive groups 6 PA 152.....	n°	152
Copper wire connecting valves to winged nuts MT with rubber cover.....	n°	100
Threaded lead discs for terminals PC and MT.....	n°	400
Lead connecting PC.....	n°	800
Terminal connectings of polarity MT.....	n°	300
Terminal connectings of polarity ~~MT~~ for batteries PC (copper and lead).....	n°	200

A0.2

"Partenope" Storage Batteries Mfg. Co. Ltd.
Via Generale Orsini, No.40,
N A P L E S .

Storage Batteries Loading Workshops	Sulphuric Acid 31 Bé.-Kg.	Distilled Water. Liters.	Lubricating Mineral Oil. Kgs.	Notes.
Palermo	600	1200	50	also for the ethers Work- shops in the Area.-
Reggio Cal.	150	300	10	also for the Cesenza Worksh.
Taranto	300	600	30	also for Lecce and Bari.
Foggia	150	300	10	
Napoli Campi Fl.	1000	2000	80	also for the eth Workshops in the Naples Dept.
Roma	300	600	20	-do- for the Rome Ry.Dept.
Totals.	2500	5000	200	
=====1070=====				

the amounts of distilled water are in proportion for acid at 31 Degrees Bé.
With the amounts of OIL the Loading Workshops have to do the necessary
for the lubrication of the Converter Groups, transportation Cartons,
and Loading Benches.-

All.3

	IDENTITY	CARD	N.
Op. PRINCIPE Crescenzo			445749
A.Op. UNGARO Vincenzo	"	"	358206
A.Op. FELICATO Edgardo	"	"	445623
Manov. IOVINE Crescenzo	"	"	358042

OK

1069

MATERIALE OCCORRENTE PER LA GRANDE RIPARAZIONE DI N° 230
BATTERIE TIPO B ESISTENTI PRESSO
D'O.C.A. DI CAMPI PIEGRI

CONTENITORI	100	400
GRUPPI +	"	450
GRUPPI -	"	400
COPERCHI	"	350
LAMELLE RAME	"	200
DADI ESAGONALI	"	400
TAFI SFOGATOI	"	450
SEPARATORI LEGNO	"	920
SEPARATORI CERAMICI	"	920
TIRRETTI LEGNO	"	50
MORSETTI SERRAMENTI ROSSI	"	300
MORSETTI SERRAMENTI NERI	"	300
RONDELLE ROSSE	"	300
RONDELLE NERE	"	300

Ferrovia dello Stato - Ufficio P.E. S. - Napoli
Stato Rottami - Napoli - P.E. S. - Napoli

Naples, July 8th, 1944 9/

No. I₂/3578/G.9/31

Capt. Fred E. Gerken,
Adjutant 760th Ry. Diesel Shop Bn.,
Naples, Campi Flegrei.

Re:- Materials for storage batteries.

Further to our letter d/a June 21st ult., bearing the same number of this one, we beg you once more to kindly make the H.Q. M.R.S. (Lt. Col. Walker) to arrange the prompt delivery to the "Partenope" Storage Batteries Mfg. Co., (Fabbrica Accumulatori "Partenope"), Casalnueve di Napoli, of the materials named in the list attached thereto. Such materials, as already said, were already in Warehouse, at Casalnueve Plant, when the requisition came, and they are urgently needed for working our storage batteries at the proper loading shop at Campi Flegrei.

We take the opportunity to beg you, moreover, to kindly hasten the delivery to the Loading Workshop, Campi Flegrei, of the following items:-

1000 groups of plates (arranged as positive) for batteries type A.

1000 " " " " negative) " " " " " "

Without these groups the above Loading Workshop will not be able to repair the storage batteries wanted both for Hospital & Military Trains as well as for other requirements of yours.

Gr./FG

1067

Ing. Francesco Giaretta
Chief Engineer
Electric and Sign. Office

Ferrovie dello Stato - Ufficio I. P. E. - Napoli
State Railway - Electrical & Signal Office - Naples

Naples, June 21st, 1944

No. I₂/3578/G.9/

Capt. Fred E. Gerken,
Adjutant 760th Railway Diesel Shop Bn.,
Naples, Campi Flegrei.

RE:- MATERIALS FOR STORAGE BATTERIES.

Messrs. "PARTENOPE" STORAGE BATTERIES CO., by their letter No. I.491 d/d May 23rd ult., as per copy herewith enclosed, asked the H.Q.rs M.R.S. (Lt. Col. Walker) in order to get some tools and materials of theirs returned back, items already in stock at the date on which their Casalnuovo Plant was requisitioned.

These tools and materials are wanted for the works for our storage batteries at their charging workshop at Naples, Campi Flegrei. We ask you to kindly get the aforesaid items returned back, as above. We also beg you to kindly order to deliver as soon as possible to the Naples Campi Flegrei Workshop (from F.A.P. Plant, Casalnuovo) the following items:-

1000 groups of plates (arranged as positive) for batteries type A
1000 " " " " " negative " " " "

which are also necessary for repairing storage batteries.

by Ing. CM/FG
2 Encls.

1066

Thalut
Ing. P. E. Gerken
Chief Engineer
Electrical & Signal Office

23 May 1944

MR. HEAD ^{Quarters} MILITARY RAILWAY SERVICE
Lt. Col. WALKER

I. 491

LV/mg

e.p.c.

UFFICIO I.E.S. NAPOLI

NAPLES - Campi Flegrei

We have in warehouse of our ^{Plant} Industry at Casalmuovo various ~~stan-~~
tools and materials of work, bought by us for working the electric accumula-
tors to be supplied to the Italian Railway.-

As we are ~~conveying~~ on such a work in our factory of Campi
Flegrei, considering that the enlased material is not used by the R.E.H.E.,
we should be very obliged if you will kindly dispose that the material
following the here attached list will be transported to our above said
Factory of Campi Flegrei.-

Thanking you in advance, we beg to remain dear Sirs.-

Yours very truly "S."

1095

ELenco UTENSILI E MATERIALI DI CONSUMI RICHIESTI CON NS. I.491 DEL 23/5/44

- N° 3 cannelli per saldatura ossiacetilenica con relativi beccucci
- " 2 manometri per saldatura ossiacetilenica
- " 20 metri tubo gomma per saldatori
- " 500 carboncini per saldatore elettrico
- " 10 grosse viti legno per cassette F.3.
- " 4 termometri ad alcool
- " 12 densimetri a sifone tipo medio
- " 12 imbusti di ebanite
- " 4 Kg. paraffina

Vernice nera antiruggine; grigia e rossa

Diluente per vernice alla nitro cellulosa

mascherine e serie numeri datari per diciture su cassette

Stampati per officine F.3.

Vernice trasparente alla nitro sottofondo diluente.

1064

Naples, July 14th, 1944

M E M O R A N D U M

to Lt. Col. Walker,
760th Ry Diesel Shop Bn.,
NAPLES, Campi Flegrei Sta.

Messrs. "PARTENOPE" Storage Batteries Mfg. Co. Ltd., on May 23rd ult. asked you for the delivery of some materials (see Encl.No.1) warehoused at their plant of Casalnuovo when this was requisitioned, materials necessary for high revision and rebuilding of the storage batteries at the new workshop of Campi Flegrei.-

The transportation to Campi Flegrei of the said materials was even entered (see Encl.No.2) but it was then interrupted for a few days, due to a reciprocal agreement, for the premises to warehouse it, was not yet ready.

Since then, in spite of our solicitations, the transportation has not yet entered again.

Now we beg to draw your attention on the fact that within a few days we shall be forced to stop to repair the storage batteries because the aforesaid materials will be missing.

In view of the above we beg you to kindly hasten the transportation from Casalnuovo Plant to Campi Flegrei of the materials requested.

On the other hand, if you think this transportation cannot be entered but with delay, it would be advisable -in the meantime- to salvage several batteries which lie all along the stations yards, thus avoiding the total interruption of the working. But to carry on such a job we need to have at our disposal a truck for some days. It is agreed that the materials requested by Messrs. "Partenope" Storage Batteries Mfg. Co.Ltd.should be forwarded in any case to Campi Flegrei.-

2) Messrs. "Partenope" Stor.Batt.Mfg.Co.Ltd., had requested to M.R.S. sulphuric acid, distilled water and mineral oil for lubrication, also wanted for the maintenance of storage batteries you know.

This H.Q. answered (see Encl.No.3) all applications were to be examined by you. This is the reason why we are enclosing herewith (see Encl.No.4) a list of the materials monthly requested both for the Storage Batteries Loading Workshop of Campi Flegrei and for the others standing all over Central & South Italy.-

Flauris

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Ing. DI'OU/EG

Clair

Electron impact ionization of small molecules

1

Società per azioni
FABBRICA ACCUMULATORI PARTENOPE
Napoli, Via Generale Orsini, 40

MATERIAL AND SPARE PARTS FOR SEVERAL TYPES OF ITALIAN STATE

RAILWAY BATTERIES EXISTING AT OUR ESTABLISHMENT ON DECEMBER 31st. 1943

BATTERY ACCESSORIES FOR THE ILLUMINATION OF TRAINS AND LOCOMOTORS :-

Containers, type PC. to be repaired	N.	10	
" " " already "	"	272	152
" " MT. to be repaired	"	3	
" " " already "	"	171	
Ebonite boxes, type PC. and MT.	"	3500	1840
" prisms for boxes, type PC. and MT.	"	2230	2100
" lids, type PC. and MT.	"	415	
" stoppers for batteries PC. and MT.	"	3100	
Rubber discs for stoppers	"	4000	
" " " terminals	"	2000	
Positive Plates PA. 152 - second hand	"	3000	3000
Shutting valves	"	482	567
Screws for shutting valves	"	200	
Springs, type THIO	"	2100	1800
Wire holding plates	"	1884	1500
Screws for wire holding plates	"	1000	
Winged nuts for screws MT. (2 types)	"	600	
Ebonite plates for winged nuts MT.	"	1200	
Positive groups 6 PA. 152	"	550	
Copper wire 30/10 (connecting THIO springs to valves with no rubber cover)	"	900	pie
Copper wire connecting valves to winged nuts MT. with no rubber cover	"	700	
Copper wire connecting valves to winged nuts MT. with rubber cover	"	100	
Lead and copper connections for batteries MT.	1062	1100	1100
Top handles (ready)	"	120	
" " to be repaired	"	900	400
Iron guides and handles for batteries - ready	"	1040	1000
" " " " " to be revisioned	"	200	
Threaded lead discs for terminals PC. and MT.	"	1600	
Batteries MT. to be revisioned	"	117	
Batteries PC. to be revisioned	"	2	
Elements PC. and MT. without lid	"	81	280
Lead connectings PC.	"	173	
Terminal connectings of polarity MT.	"	375	
" " " " " for batteries PC. (copper and lead)	"	250	
Connectings of polarity for batteries PC. (only copper)	"	1500	

ACCESSORIES FOR BATTERIES TYPE "B" - TELEPHONES :-

Ebonite boxes, type S	3	N.	3
" lids "	S 3	"	12
" stoppers for lids	S 3	"	290
Positive groups	S 3	"	260
Negative groups	S 3	"	334
Ebonite separators, type S		"	800
Small copper plates		"	120
Batteries, type "B" to be revisioned		"	109

ACCESSORIES FOR BATTERIES TYPE "C" - SIGNALS :-

Wood boxes, type "C" good		N.	55
" " " " to be repaired		"	25
Glass containers, type "C"		"	840
Ebonite lids, type "C"		"	580
Rubber stoppers		"	480
Positive groups		"	23
Negative groups		"	12
Small copper plates		"	130
Leather strap holders		"	12
Batteries, type "C" to be revisioned		"	57
Encased nuts (black)		"	800
Encased nuts (red)		"	580
Red celluloid discs		"	250
Brass nuts, hexagonal and round		"	240
Copper wires for batteries, type "C"		"	400 pos.
Wooden separators		"	

Materials sent from Casalnuovo Plant and warehoused at the Storage Batteries Loading Shop, Naples, Campi Flegrei.--

Ebonite boxes, type PC and MT	1840	
" prisms for boxes PC. MT	2100	
Positive Plates PA.152, second hand	3000	
Shutting valves	567	
Springs, type THIO	1800	
Wire Holding Plates	1300	
Lead and copper connections for MT	1100	
Top handles, to be repaired	400	
Iron guides and handles for batteries, to be revisioned.	1000	(scrap)
Containers type PC and MT, to be repaired	150	"
Elements PC MT	280	
Positive Plates for PC	2340	
Negative Plates " "	4000	
Positive groups 6 PA 152	37	
Boxes for batteries 3 MX 14	44	(1)
Containers for batteries type 3 MX 14	130	(1)
Positive stripes for soldering groups	134	
Negative " " " "	267	

(1) not asked for , because not involved with the works undertaken.

3

C O P I A

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

AFO= 400
20 June 1944

SUBJECT: release of battery equipment

To : Ministero delle Comunicazioni - Sottosegretariato di
Stato ferrovie - Motorizzazione Civile.

1. Reference to your memorandum, file L. 8/20/4081, dated 5 June 1944 requesting certain materials for use in recharging batteries for Italian State Railways.
2. Sulphuring acid and distilled water is now being furnished Campi Maggiori, by Lieutenant Colonel Walker of the 100th Railway Diesel Shop Battalion.
3. Necessary future requirements of acid and will be furnished by contacting Colonel Walker and it is requested that you have representative talk to Colonel Walker about necessity of lubricating oil.

For the Director General:

F/to R.E. GODLEY
Captain, FC.
Fuel Agent.

1059

4

"Partenope" Storage Batteries Mfg. Co. Ltd.
Via Generale Orsini. No.40.
N A P L E S .

Storage Batteries Loading Workshops	Sulphuric Acid 31 Bé.-Kg.	Distilled Water. Liters.	Lubricating Mineral Oil. Kgs.	Notes.
Palermo	600	1200	50	also for the others Work- shops in the Area.-
Reggio Cal.	150	300	10	also for the Cosenza Worksh.
Taranto	300	600	30	also for Lecce and Bari.
Foggia	150	300	10	
Napoli Campi Fl.	1000	2000	80	also for the other Workshops in the Naples Dept.
Roma	300	600	20	-do- for the Rome Ry.Dept.
Totals.	2500	5000	200	
=====				

the amounts of distilled water are in proportion for acid at 31 Degrees Bé.
With the amounts of OIL the Loading Workshops have to do the necessary
for the lubrication of the Converter Groups, transportation Cartons,
and Loading Benches.-

13

SUBJECT:

TO: LT. COL. A. R. WALKER.

BELOW IS A LIST OF PARTS
NEEDED FOR BATTERY SHOP AT CAMP
FLEGREI.

2. OXYGENE GAGES

2 - ACETYLENE GAGES.

30 - FT. RUBBER HOSE.

2 - BRAZING TORCHES

2 - BOTTLES OF OXYGENE

2 - BOTTLES OF ACETYLENE.

1957

Fabbrica Accumulatori Partenope

SOCIETÀ PER AZIONI - CAPITALE SOCIALE L. 3.000.000 INT. VERS.
SEDE SOCIALE: NAPOLI - AMMINISTRAZIONE E STABILIMENTO - CASALNUOVO DI NAPOLI

CASSELLA POSTALE N. 1

TELEFONO: 7



Telegr. ACCUMULATORI - CASALNUOVO DI NAPOLI

C. P. E. C. Napoli N. 11

CASALNUOVO DI NAPOLI, 1 luglio 1944

DA CITARE NELLA RISPOSTA

I.25

VI/IC

Spett/ 760 TH

BATT. SHOP DIESEL



NAPOLI
Campi Flegrei

ARGOMENTO:

Apparecchiatura ossiacetilena
per saldature

1056

Si permettiamo segnalare a Cod. On.le Comando la necessità di poter eseguire, nell'officina di Campi Flegrei la saldatura ossiacetilenica delle piastre alle strisce per i gruppi positivi e negativi occorrenti per il montaggio di batterie illuminazione treni.

Pertanto segnaliamo le ns occorrenze come in appresso:

n°	2	Riduttori per acetilene
"	2	" " ossigeno
m.	10	Tubo gomma
n°	2	Cannelli "Almus" q/ punte ricambiabili
"	2	Bombole acetilene 1000.
"	2	" ossigeno

1055

Altresì sollecitiamo il cortese interessamento di Cod. Comando perché il ns Stabilimento di Casalnuovo fornisca quanto finora da noi richiesto tramite il Military Railway Service, in modo da metterci nelle condizioni di mantenere presso l'officina quelle lavorazioni indispensabili alle necessità attuali. Con ogni osservanza.

FABBRICA ACCUMULATORI PARTENOPE

R. D. Consigliere Amministrativo

Stanzano



FILE 3

0 Allied Force 0
MILITARY RAILWAY SERVICE
Office of Director General

APG 400
14 July 1944

MEMORANDUM

TO: Colonel R. F. Macfadden - AMM - Stores.

1. With reference to the attached:
2. It is my suggestion that the procurement of material requested be handled by 703rd Railway Grand Division, with Battery Contract Shop, located in the Central Station, Rome, who furnish and service passenger and dining car batteries for the Italian State Railway.

R. E. GOWLEY,
Captain, TC,
Fuel Agent.

1 Incls-
File

1054

1
DICTD REG
TYPED rjb
CHKD ALC
SGND ALC

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

R 3pm
7-26-44
File 3

A. P. O. 400
26 July 1944

SUBJECT: Materials for Batteries

TO : C.O., 703rd Ry Grd Div, APO 400, U.S. Army (Attn: Stores)

1. Reference is made to first indorsement, dated 12 July 1944, to letter from A.G.M. - Equipment, dated 9 July 1944, to A.G.M.-Stores, this Headquarters, subject same as above, copy of which was forwarded to your office requesting investigation and advice as to whether subject material was available in the Rome area.

2. Information is desired as to what steps have been taken concerning the above matter as it is understood that the battery contract shop located in Central Station, Rome, previously serviced and furnished passenger and dining car batteries for the I.S.R.

3. If materials listed in letter referred to in paragraph one above are available, it is desired you make immediate arrangements to procure, advising this Headquarters in order that shipment may be arranged to using source.

For the Director General:


E. F. MCFADDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores

1st Ind.

FTR/jf

Hq. 703rd Ry Grand Div, APO 400, U. S. Army 28 July, 1944

TO: Dir Gen, Mil Ry Serv, APO 400, U. S. Army
(Att: AGM-Stores)

Reply
1. ~~Reference~~ to communication referred to in paragraph 1 of basic communication was made by letter dated 28 July, 1944, advising that investigation was made by personnel of this Headquarters in co-operation with representatives of the Italian State Railway, and efforts to locate battery parts were unsuccessful.

2. It is therefore concluded that the desired material is not available in the Rome Area.

For the Commanding Officer:



F. T. RICHARDS
Captain, T. C.
General Storekeeper

ALLIED FORCE
MILITARY RAILWAY SERVICE
Office of Director General

FILE

File 3

A. P. O. 400
26 July 1944

SUBJECT: Materials for Batteries

TO : C.O., 703rd Reg Ord Div, APO 400, U.S. Army (Attn: Stores)

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2. Information is desired as to what steps have been taken concerning the above matter as it is understood that the battery contract shop located in Central Station, Rome, previously serviced and furnished passenger and dining car batteries for the I.S.R.
3. If materials listed in letter referred to in paragraph one above are available, it is desired you make immediate arrangements to procure, advising this Headquarters in order that shipment may be arranged to using source.

For the Director General:

E. F. MCPADDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores
Dict JEH
Typd W6
Cld *****
Sgnd *****

Batteries

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

APD 400
14 July 1944

MEMORANDUM

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R. E. GODLEY,
Captain, TC,
Fuel Agent.

1 Incls-
File

10-0

(Materials for Batteries)
453 - 6

1st Ind.

OMH/ers

Allied Forces, 411 Ry Serv, Ope. of Dir. Genl., APO 400, U.S. Army, 12 July 1944.

TO: Signer E. Romeriel - Bldg.

1. Your attention is directed to basic communication concerning repair materials required for necessary repairs to I.S.R. batteries.

2. It is desired that you take the necessary steps to furnish materials listed in basic communication from sources which previously supplied this material to the I.S.R.

3. It is desired that this matter be expedited all possible, as the need is extremely urgent.

For the Director General:

E. F. McRAIDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores.

CC:

Major W. S. Walker, ACC - Bldg.:
For information.

✓ Captain R.E. Godley - Office:
To advise if this material is procurable locally or through Engineering Materials, Local Resources, Sub-Committee, A.A.I.

CC, 703rd Ry Ord Div, APO 400, U.S. Army. (Att: Stores).
Investigate and advise if material is available in Rome area.

C O P Y

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

A.P.O. 400
9 July 1944.

453 - 4

Subject: Materials for Batteries.

To: Col. E. F. McFadden, AGM-Stores.

1. Herewith list of material that is required to rebuild:

100 batteries for Sardinia
500 Type A (12 V locomotive and car batteries)
300 Type B (4 V for signal equipment)
200 Auto Type (V for Diesel rail cars)

4200 wood separators, corrugated, 6-3/16" high x 6-5/8" wide, and thickness of separators measured on and between corrugations is 1/16" x 3/64", respectively.

200 lbs. battery sealing compound.

36,000 corrugated wood separators, 7-3/4" high x 5-3/16" wide, and thickness of separators measured on and between corrugations is 3/32" and 3/64" respectively.

36,000 spun glass sheets, size 12" x 8-1/4" x 1/32"

3,600 wood separators 6-1/2" high x 5-5/8" wide and 1/32" thick without corrugations. Note: If no separators this thin are available, thicker corrugated separators may be used.

8,400 wood separators, corrugated, 6-3/16" high x 6-5/8" wide and thickness of separators measured on and between corrugations is 1/16" x 3/64" respectively.

2. It is absolutely necessary that we have this material at once.

F. R. HOSACK
Colonel, Transportation Corps
Assistant General Manager-Equipment

ALLIED FORCE
MILITARY RAILWAY SERVICE
HEADQUARTERS, 703RD RAILWAY GRAND DIVISION
OFFICE OF THE COMMANDING OFFICER

FTR/jf
F. 63

APO 400
28 July, 1944

SUBJECT: Material for Batteries.

TO : Director General,
Military Railway Service, (Att: AGM-Stores)
APO 400, U. S. Army

1. Reference is made to letter from AGM-Equipment to AGM-Stores dated 9 July, 1944, same subject as above file No. 453-4, forwarded to this office by 1st indorsement from AGM-Stores dated 12 July, 1944. Copies of reference letter and 1st indorsement ~~are~~ attached for your convenience.

2. Investigation of Rome Area reveals no battery parts requested by you as on hand. Investigation was conducted with personnel of the Italian State Railway, and all suggestions offered by them were checked by personnel of this office.

3. As information, a battery charging plant is located in Rome Terminal Station, and since all batteries in the plant ~~are~~ the property of the Italian State Railway, the plant is protected by Military Railway Service "Off Limits" signs. The battery charging plant has no repair material.

For the Commanding Officer:

HILL

F. T. RICHARDS
Captain, T. C.
General Storekeeper

1705

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

File 3

APD #400
9 January, 1944

453

Subject: Source of Batteries for Railroad Requirements.

To: Colonel E. F. McFadden, AGM-Stores

1. Attached hereto is a letter addressed to me from Captain E. P. Wiley, and also my letter addressed to you under date of January 3rd, with reference to battery plant being taken over by the British.

2. As you know, it is absolutely necessary that we have batteries for sub-stations, locomotives, cars, etc. It is my thought that you should make arrangements with the British at once to determine if they will handle railroad requirements of batteries in this plant for us.

3. If the necessary arrangements cannot be worked out with them, then we should handle with General Gray for further action.

4. You will note in Captain Wiley's letter that he gives the complete story of the plant, the name of the British Officer in command, etc.

P. R. HOSACK
Colonel, Transportation Corps
Assistant General Manager-Equipment

(Batteries)
453 - 6

1st Ind.

GEH/exs

AGM, Stores, 13 January 1944.

TO: AGM, Equipment.

Reference Par. 2 above: It is suggested that you advise as to approximate number and type of batteries to be repaired at the above plant, in order that we may intelligently handle this question with British Royal Electrical and Mechanical Engineers.

G. E. HARGREAVES,
Captain, TC,
Storekeeper.

Dict

epd

ike

id

FILE

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

AFS 400
4 January 1944

TO WHOM IT MAY CONCERN:

1. The railroad type batteries and repair parts located on premises of Accumulator Factory "Partenope", Casalmuovo di Napoli have been reserved specifically for use of the Military Railway Service, and, as such, are under direct control of the Director General, Military Railway Service.

2. Unless specifically authorized by Director General, Military Railway Service, there should, under no consideration, be any withdrawals of railroad type batteries and repair parts without prior authority from this Headquarters.

E. F. McFADDEN,
Colonel, TC,
Asst. Genl. Mgr. - Stores.

Dict. *JEH*
Typd. *ERS*
Chkd. _____
Snd. _____

108

MINISTERO DELLE COMUNICAZIONI
Ferrovie dello stato
Napoli

Naples December 28th, 1943.

Accumulator Factory,
"Partenope"

To: Capt. E. P. Wiley,
Chief Electrical Engineer
M.R.S. T.Co.

Naples.

The accumulator Factory "Partenope", Casalnuovo di Napoli, undertaker of the maintenance of the Accumulator batteries for the trains electric lighting, refers such batteries often are requisitioned (in the same Factory area) by the Allied Forces.

As the said batteries are now available in a very small quantity, as we are unable to guarantee the electric lighting of the trains which are going to be arranged, we beg you to kindly let us have a Certificate (signed by M.R.S. Director General) stating the above mentioned batteries are wanted for the railway necessities and are not to be requisitioned.

We hope such a Certificate shown to whom it may concern will be sufficient to avoid the battery requisitions.

(ing. (S) Mario Borriello)
Ch. Electr. Inst. and Signal Office

1034

G-C-P-Y

Allied Force
MILITARY RAILWAY SERVICE
Office of Director General

AFD 400
9 January 1944.

453.

INTRA-OFFICE MEMORANDUM:

To: Col. F. R. Hosack, AGM-Equipment.

1. Referring to attached file, covering battery production, railroad use, at F.A.P. Plant, Caselnuova,

2. In accordance with your instructions I visited the F.A.P. Battery Plant at Caselnuova on January 8th. This plant has been taken over and is to be operated by British Royal Electric and Mechanical Engineers and under the supervision of Captain Soutar, whose office is at the artillery barracks. Met Captain Soutar, who informed me that in the operation of this plant, the plans were to rebuild automotive and submarine type batteries. He agreed, readily, that none of the railway batteries now at this plant, would be removed from premises and also stated it might be possible to work out some program whereby they would carry on the railway company's maintenance work. Originally, this plant handled all battery work for the I.S.R. and, as far as is known, is the only battery plant in this area. The work they handled included maintenance of locomotive, car lighting, signal and sub-station batteries and if we are to put much of this equipment in operation we will have considerable battery work to be done. In addition to this, the railways have no trained personnel or equipment for battery maintenance.

3. The British Officer in command, is Deputy Director of Mechanical Engineers, Brigadier Broadhurst at A.F.H.Q.

E. P. WILEY,
Capt. TC,
Chief Mechanical Engineer.

1709