

ACC 094/PWU

10000/150/370

STORES 2
1944-194
FEB.-NO

10000/150/370

STORES & PLANT, ADVANCE PROGRAM,
1944-1945
FEB. - NOV. 1944

24 October 1944.

HEADQUARTERS
 ALLIED CONTROL COMMISSION
 PUBLIC WORKS AND UTILITIES SUB-COMMISSION
 A.P.O. 394

EQUIPMENT FOR NORTHERN ITALY

Northern Italy, or that portion of Italy still in enemy hands, is known as the Industrial North of Italy. Aside from being the industrial heart of Italy, that region:

- a. Produces about 80% of all hydro-electric power in Italy.
- b. Produces from 40 to 90% of all agricultural products grown in Italy depending upon the type of crop.

Northern Italy, therefore, is of the utmost importance from a military as well as a civilian rehabilitation viewpoint. While the war is still on many of the factories in that region must be rehabilitated to produce things needed by the Army. Other factories must be opened to produce essential civilian needs and reduce import tonnages. In addition, every effort must be made to provide work for the vast army of workers thrown out of work because of the destruction of plants and to reduce to a minimum possible uprisings. It will be cheaper and better to provide work for these people than to have to control them with a large army of occupation.

We must assume that the Germans are going to carry out the same scorched earth policy as they pursued in Central Italy and as they are doing elsewhere. We must also assume that they are going to flood some of the large number of "Bonifiche" or drainage projects in the Po Valley region, as they have done in the Pontine Marshes. We must, therefore, be prepared to provide sufficient electrical generating plants to serve the most essential military and civil needs and we must also provide a considerable number of large capacity portable pumping units to drain flooded areas. 415

In order to save time, it is essential that prompt and positive action be taken now to provide such equipment and not to wait for the receipt of a formal requisition from us which will be prepared as soon as I return to Italy. I am advised that a "Letter of Intent" is all that is needed at this time so as to permit manufacturers to proceed with plans and plant

- 2 -

preparations, all of which will entail some time. It is requested therefore, that such a "Letter of Intent" be executed by such agency as will eventually order this equipment and that such Letter of Intent be made out to cover the following equipment:

A - ELECTRICAL GENERATING PLANT

1. Floating Power Plant Unit "A", now in operation at Pensacola and which can be freed by 1 January 1945, capacity 25,000 K at 50 cycles. This unit to be prepared immediately for the transoceanic voyage and to be equipped in the same manner as provided in the memorandum prepared by Lt. Col. Lepper for unit "C" now at Pittsburgh.
2. Small portable Diesel electric generating units of from 300 to 500 KW capacity each at 50 cycles, aggregating a total of 75,000 KW.

B - DIESEL DRIVEN PORTABLE PUMPS

100 complete sets of portable pumps as per plan prepared by the S. Morgan Smith Co., of York, Pa., dated 10/13/44, Drawing Number P-5950, known as Type "B".

The Utility Division of the War Production Board is familiar with our requirements and the units and plans mentioned above, also as to permissible variations.

The quantities given above are tentative and may be modified after a further study in Italy.

It is requested that a copy of such Letter of Intent be forwarded to me at above indicated address.

(Sgd)

L.A. JENNY

L.A. Jenny, Lt. Col. C.E.
Director

Copies to:

International Div. CCAC
Foreign Economic Administration
War Production Board

414

Tel. 478200

RWS/mc

HEADQUARTERS ALLIED COMMISSION
APO 394
Economic Section

26

ACC/094/PWU

3 Nov. 1944

SUBJECT : Road Maintenance Equipment.
Reference Req. N° M.G.S.-180-Eng
(LAC Airgram 35)

TO : Allied Force Headquarters,
G-5 Sect. Econ. & Supply Div.

Reference your H-2 dated 24 October 1944.

1. In the light of information contained in your letter, the subject requirement has been reviewed in this H.Q. The total road mileage which we have now assumed is greatly in excess of mileage considered when the requirement was originally estimated, therefore it is desired that certain items be increased.

2. We wish to recommend that items of the subject requisition be amended as follows:

- Item 1. Tractor - Increase to 10
- " 2. Tractor - " " 20
- " 3. Shovel - Increase capacity from 1/2 C.Y. to 3/4 Cu.yd.- Other specification and number of units to remain unchanged.
- " 4. Truck 5/6 ton.- Increase to 6
- " 15. Truck 3 1/2-4 ton Dump.- Increase to 882
(Basis: 9 trucks per Province)
- " 16. Trucks, Cargo, Increase to 50
- " 20. Compressor, Increase to 10
- " 21. Compressor, Increase to 10

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3. Please add the following items to the subject requisition:

Item 32. Trailer, full, low bed,
24 ton Capacity 2

Item 33. Quarrying Supplies.

- (a) 75 - Jackhammers. 7/8" shank. Recommend Ingersall - Rand or Cleveland.
- (b) 300 - 7/8" x 2' - 0" drill rods
- (c) 300 - 7/8" x 4' - 0" drill rods
- (d) 300 - 7/8" x 6' - 0" drill rods
- (e) 225 - 7/8" x 8' - 0" drill rods
- (f) 225 - 7/8" x 10' - 0" drill rods
- (g) 225 - 7/8" x 12' - 0" drill rods
- (h) 500 - Pcs 7/8" x 20' steel octogen rod stock.
- (i) 525 - Gross jackbits 1 3/4" to 2 1/4".
- (j) 350 - 50' sections airhose.
- (k) 1500 - Male & female couplings.
- (l) 125 - Line lubricators.
- (m) 80 - 20 hole detonators magneite type.
- (n) 75 - Galvanometers.
- (o) 25 - Paving breakers 1 1/8" shanked.
- (p) 200 - 4" spade (breaker)
- (q) 150 - Points 1 1/8" x 18" to 24".
- (r) 400 - 1 1/8" octogen steel stock.

4. It is proposed to furnish you a detailed breakdown of parts as covered by item 31 of the requisition. This list is now in process of preparation and will be forwarded when completed.

For the Acting Chief Commissioner.

A.G. ANTOLINI
Acting Head
Economic Section.

c.c. P.W. & U. S-C

412

CONFIDENTIAL

26 OCT 1944 0781

ALLIED FORCE HEADQUARTERS

G-5 Section

APO 512

JEB/TJH/jm

Ref. H-2

24 October 1944

SUBJECT: Road Maintenance Equipment.
Reference Req. No. MGS-180-ENG (LAC Airgram 35)

TO : Headquarters, Allied Control Commission, APO 394
Attn: Economic Section, Public Works and Utilities
Sub-Commission)

1. This is to advise you that the subject requirement has been approved by CCAC as a civilian supply requirement although the latest advice from CCAC states that supply responsibility as between the U.S. and the U.K. has not yet been determined.

2. CCAC has also requested, in view of the time that has elapsed since the original submission of the requisition which included a statement of items available from theater stocks, that a fresh determination be made as to theater availabilities. This determination is again being made by this office.

3. In view of the delay that has now occurred in securing complete CCAC action on this requisition, it is thought that you may wish to review the requirements as originally submitted by you in the light of any increase in road mileage which you may have been asked to assume maintenance on by AAI.

4. Prior to replying to CCAC with respect to current theater availabilities, your comments are requested as to any amendments that you may wish to make in MGS-180-ENG as it now stands. Since rapid action on this matter is desirable, you are requested to advise this office at the earliest possible time as to whether or not you intend to amend this requisition, rather than withhold your comments until any such amendments are prepared.

For the Assistant Chief of Staff, G-5:



J. E. Butterworth
J. E. BUTTERWORTH
Colonel, Infantry
Economics & Supply Division

CONFIDENTIAL

ACC MAIN (PUBLIC WORKS)

28 MAY 44

RESTRICTED

28

PRIORITY

JENNY

CAMPOBASSO

PLEASE EXPEDITE REPORT URGENTLY REQUIRED AT THESE HEADQUARTERS
PD PAREN TO CAMPOBASSO FOR AMG REGION FIVE FOR WHITLY FOR LATIMER
FROM ACC MAIN FOR JENNY SIGNED MACFARLANE PAREN OUR LETTER ACC/094/
PWU DATED FIRST MAY REFERS

410

L.T. MONTANT
1st Lieut. AGD.,
Adjutant.

File 094
4184. 26

ACC MAIN (PUBLIC WORKS

28 MAY 44.

RESTRICTED

28

PRIORITY

JENNY

IBS

PLEASE EXPEDITE REPORT URGENTLY REQUIRED AT THESE HEADQUARTERS PD
PAREN TO IBS FOR STUBBLEBINE FOR HANCOCK FOR BOLICK FROM ACC MAIN
FOR JENNY SIGNED MACFARLANE PAREN OUR LETTER ACC/094/PWU DATED
FIRST MAY REFERS

409

L.T. MONTANT, Jr.,
1st Lieut. AGD,
Adjutant.

Econ. Sec. (P.W. & U.)

J-8880

27 MAY 1944

094
RWS

24 May 1944

HEADQUARTERS
ALLIED CONTROL COMMISSION
REGION VI

TO : Public Works and Utilities Sub-
Commission, E.C. Allied Control Commission
SUBJECT : Requirements Jan. - July 1945.
REFERENCE : 1616/TPTN

1. Reference your Memo dated 21 May 1944,
subject as above advise that report will be mailed
you by 27 May.

For the Regional Commissioner,

William M. Spann

W.M. SPANN.

Major AUS.

Regional Transportation Officer.

WMS/pd

408

58
29/5

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

24
AEP/mc

27 May 1944

ACC/094/PWU

Subject: Requirements Jan.-July 1945.

To : Lieut. Col. Lester J. Hensley
P.W.& Utilities Offices Region III.

1. Ref. our letter even no. dated 1 May 44 and our reminder even no. dated 21 May 44.

2. The reports from Regions have to be coordinated by the first week in June and forwarded to Higher Authority.

3. Will you therefore please let us have your report by return.

407

L.A. JENNY,
Lt.Col.C.E.
Director.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

AEP/mc

23

ACC/094/PWU

27 May 1944

Subject: Requirements Jan.-July 1945.

To : Col. E.J. Edwards
P.W. & Utilities Officer Region IV.

1. Ref. our letter even no. dated 1 May 44 and our reminder even no. dated 21 May 44.

2. The reports from Regions have to be coordinated by the first week in June and forwarded to Higher Authority.

3. Will you therefore please let us have your report by return.

406
L.A. JENNY,
Lt.Col. C.E.
Director.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

GER/lp

ACC/094/PWU

21 May 1944

Subject: Requirements Jan-July 1945.

To : Lt-Col. Clarence P. Bolick.
Public Works and Utilities Officer, Region I.

13-17

Reference this HQ. even no. dated 1 May 1944, will
you please forward your report as soon as possible.

Lt.Col. Lester J. Hensley .P.W.& U.Off.Reg.III

Maj. William M. Spann, P.W.&U.Off.Reg.VI

Col. E. J. Edwards P.W.&U. Off.Reg.IV

Maj. Claude A. Latimer P.W.&U.Off.Reg.V

RHODES
G.E. RHODES,
Lt-Col. R.E.,
Dep. Director.

405

30 April 1944.

Director

1. Reference attached instruction regarding requisitioning of supplies from 1 January 1945 to 30 June 1945.

It. Cols. Lapper, Thompson and Laboon and I have had a full discussion, and we make the following suggestions. [The directive does not indicate what kind of assumptions we must make in a military sense. We have no knowledge whatever of existing conditions in central and northern Italy, nor what they are likely to be in the near or immediate future. We refer to roads, bridges, public utilities, and public works generally.]

2. In the absence of such assumptions we deem it advisable to set out, rightly or wrongly, our own tentative ones. These are:-

(a) that by say March 1945 the whole of Italy is in allied hands and, therefore, in a sense an A.C.C. responsibility from the standpoint of civil supplies. The directive of 20 April 1944 (referred to in the letter of the reference and in our File 120) stated that the basic economic *quality policy* of A.M.G. was to "revive economic life and stimulate production", so as to reduce to a minimum the need for Allied assistance.

(b) We assume that all types of heavy constructional equipment now in the hands of the Allied forces is likely to be left behind by them in the country, i.e. as a debit against the Italian Government.

(c) We assume that, by that time, the heavy industries in North Italy will be functioning, at any rate on a limited basis, and will be able to provide structural steel, items such as nuts, bolts and fittings, and other miscellaneous constructional materials.

(d) We assume that coal requirements are not to be included in the present lists, since it is understood that the Requisition Division, Economic Section, will not handle that item. We understand that fuels, both solid and liquid, are being handled by other agencies, and, in any event, our letter of the 1 March 1944 (see File 094) gave a complete list showing inter alia, 235,000 tons of coal, 4,320 tons of liquid fuel, and so on, together with monthly shipping requirements as from the 1 April 1944 right up to the end of March 1945. That matter is, therefore, already largely covered.

(e) As to gas works, it is known that the Messina and Catania works are completely destroyed and there has been heavy destruction also at the Naples works. It is clear that a prolonged study would be required, in conjunction with the technical advisers of the gas companies concerned, before complete lists and specifications could be prepared for every item required for complete reconstruction. If it is the wish of the Economic Section that this should be done, and it is seriously proposed that these three works (to take only these examples) should be rebuilt in the year 1945, then we shall have to send one or two officers over to Sicily almost immediately, and they might have to be there for two or three weeks. We would like a ruling, as a

-2-

matter of high policy, as to whether it is contemplated that such complete reconstruction should be undertaken. It may be that the Italian technical officials would prefer to have Italian plant manufactured in the north of Italy, so that in future spares and additions can more easily be obtained. Are we to put on order, in effect, here and now, practically three complete new gas works installations?

(f) As to water works, most of the installations in Italy are fortunately of gravitational type. We may find north of Rome that considerable quantities of pumping plant may be needed, but until we get there we cannot possibly say with any preciseness what types of plant and machinery will be needed. If such is ordered on an incomplete or inaccurate specification, when it arrives it may be found to be unsuitable.

(g) As to electrical equipment, and covering south Italy only, the above-mentioned letter of the 1 March indicated 3,049 tons divided into nine sets of items. Lt. Col. Lapper has details of this, and it can, of course, be completed and forwarded by the date requested as required, viz., by the 1 June 1944.

3. As to general constructional equipment, and on the assumptions laid down in Para. 2 above, we estimate that it would be reasonable to ask for shipment between 1 January and 30 June 1945 of a precise duplicate of the approximately 4,000 tons of plant and equipment asked for (from Washington) within the last few days. We had some discussion as to whether this ought not to be 8,000 tons instead of 4,000, but dealing with the matter on a minimum basis we are satisfied that a repetition of the present requisition, a duplicate of it may suffice.

4. Apart from that, there is good ground for the supposition that for road surfacing a very considerable tonnage of bitumen will be needed in central and north Italy. We put this at a total of 200,000 tons of solid bitumen, which can later be broken down into possibly three or four categories. We suggest 40,000 tons a month to be delivered between January and May 1945, making the total of 200,000 tons.

100,000

G.E.R.

30.4.44.

403

HEADQUARTERS
ALLIED CONTROL COMMISSION
ECONOMIC SECTION
APO 394

ES/80

RFK/adv

26 April 1944.

SUBJECT: Requisitioning of Supplies for Period 1 Jan 1945 to 30 June 1945.

TO : Agriculture Sub-Commission.
Transportation Sub-Commission.
Industry and Commerce Sub-Commission.
Public Works & Utilities Sub-Commission.
Mining Division.
Requisition Division.

1. The experience of the Economic Section, AOC, in respect to the requisitioning and delivery of supplies and materials other than food from the U.S. or U.K. is that from six (6) to eight (8) months elapse between the time of preparation of the requisition and delivery of the supplies at ports of debarkation in Italy, Sicily, or Sardinia.

2. Therefore, requisitions of materials and supplies which will be required to be delivered for use in the period 1 Jan 1945 to 30 June 1945 must be submitted to the Requisition Division, Economic Section, preferably by 1 June 1944, and in any event not later than 15 June 1944.

3. Your attention is again invited to the following letters from the Economic Section which were sent to the above Sub-Commissions and Divisions:-

- a. "Basic Policy on the Italian Economy" dated 20 April 1944.
- b. "Notice of Formation of the Requisition Division, Economic Section", dated 20 April, 1944.

4. You are directed to take necessary action to the end that:-

a. All members of your staff either in Headquarters or located in the several regions are advised to initiate necessary requisitions.

b. Requisitions be prepared in accordance with Para 3 of the letter cited in 3(b) hereof, or Q.M.C. Form 400 as set out in a letter dated 26 February, entitled "Requisitions" a copy of which is in your files.

5. The duplicate copy of this letter, indorsed, acknowledging receipt of this directive, will be returned to this office not later than 3 May 1944 by the

Cont'd fr pg 1. Subject: Requisitioning of Supplies for Period 1 Jan 1945 to 30 June 1945. dtd 26 April 1944. RPS/adv.

Director of each Sub-Commission or Chief of Division indicating that this directive is being complied with.



D. S. ADAMS,
Colonel, C.E.,
Executive Officer,
Economic Section.

401

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

LAJ/mc
FILE

ACC/094/PWU

1 May 44.

Subject: Requirements Jan - July 1945.

To : Lt.-Col. Clarence P. Bolick,
Public Works and Utilities Officer, Region I.

We have been requested to prepare an overall statement, to be submitted not later than 15 Jun 44, showing what Public Works and Utilities plant, equipment, machinery, tools, supplies, etc., were required to be shipped from the U.S. for the period 1 Jan. to 30 June 1945.

Will you, therefore, promptly make a study of your requirements and submit your list to this office not later than 1 June 1944. If no plant, equipment, etc. is anticipated to be needed from the U.S. you will render a negative report. It takes about six months from the time the requisition is prepared until such materials arrive here, so you want to make certain that you are covered.

400

L.A. JENNY,
Lt.Col. C.E.,
Director.

Copy to: Lt.Col. Laboon,
Lt.Col. Lapper.

Recd

HEADQUARTERS
 ALLIED CONTROL COMMISSION
 Public Works and Utilities Sub-Commission
 APO 394

LAF/ccb

FILE

ACC/091/PWU

1 May 44.

Subject: Requirements Jan. - July, 1945.

To : Lt.-Col. Lester J. Hensley,
 Public Works and Utilities Officer, Region III.

We have been requested to prepare an overall statement, to be submitted not later than 15 June 1944, showing what Public Works and Utilities plant, equipment, machinery, tools, supplies, etc. were required to be shipped from the U.S. for the period 1 Jan. to 30 June 1945.

Will you, therefore, promptly make a study of your requirements and submit your list to this office not later than 1 June 1944. If no plant, equipment, etc. is anticipated to be needed from the U.S. you will render a negative report. It takes about six months from the time the requisition is prepared until such materials arrive here, so you want to make certain that you are covered.

L.A. JERRY,
 Lt.-Col., C.E.,
 Director.

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Copy to: Lt.-Col. Lapper,
 Lt.-Col. Laboon.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 374

LAJ/ccb
16A
FILE

KCC/094/FWU

1 May 44.

Subject: Requirements for Jan - July 1945.

To : Col. E.J. Edwards, Public Works and Utilities Officer, Region IV.

We have been requested to prepare an overall statement, to be submitted not later than 15 June 1944, showing what Public Works and Utilities plant, equipment, machinery, tools, supplies, etc, were required to be shipped from the U.S. for the period 1 Jan. to 30 June 1945.

Will you, therefore, promptly make a study of your requirements and submit your list to this office not later than 1 June 1944. If no plant, equipment, etc. is anticipated to be needed from the U.S. you will render a negative report. It takes about six months from the time the requisition is prepared until such materials arrive here, so you want to make certain that you are covered.

L.A. JENNY.
Lt.-Col., C.E.
Director. 394

Copy to: Lt.-Col. Lapper.
Lt.-Col. Labeon.

[Handwritten signature]

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

LAI/ceb

ACC/CPA/PWU

1 May 44.

Subject: Requirements Jan. - July 1945.

To : Major Claude A. Latimer,
Public Works and Utilities Officer, Region V.

We have been requested to prepare an overall statement, to be submitted not later than 15 June 1944, showing what Public Works and Utilities plant, equipment, machinery, tools, supplies etc. were required to be shipped from the U.S. for the period 1 Jan. to 30 June, 1945.

Will you, therefore, promptly make a study of your requirements and submit your list to this office not later than 1 June 1944. If no plant, equipment, etc. is anticipated to be needed from the U.S. you will render a negative report. It takes about six months from the time the requisition is prepared until such materials arrive here, so you want to make certain that you are covered.

L.A. JENNY,
Lt.-Col., C.E.
Director. 397

Copy to: Lt.-Col. Lapper,
Lt.-Col. Laboon.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

LAJ/mc

FILE

AOC/094/PWU

1 May 44.

Subject: Requirements Jan - July 1945.

To : Maj. William M. Spann,
Public Works and Utilities Officer, Region VI.

We have been requested to prepare an overall statement, to be submitted not later than 15 Jun 44, showing what Public Works and Utilities plant, equipment, machinery, tools, supplies, etc., were required to be shipped from the U.S. for the period 1 Jan. to 30 June 1945.

Will you, therefore, promptly make a study of your requirements and submit your list to this office not later than 1 June 1944. If no plant, equipment, etc. is anticipated to be needed from the U.S. you will render a negative report. It takes about six months from the time the requisition is prepared until such materials arrive here, so you want to make certain that you are covered.

L.A. JENNY,
Lt.Col. C.E.,
Director.

Copy to: Lt.Col. Lapper,
Lt.Col. Laboon.

395

Recd

10 MAY 1944

HEADQUARTERS
ALLIED CONTROL COMMISSION
REGION VI

600 kcal
PW + U
094
Rab

8 May 1944

TO : Public Works and Utilities Sub-Commission
H.Q., A.C.C. APO 394.
SUBJECT : Requirements Jan. - July 1945.
REFERENCE : TPTN/1616

1. Reference is made to your letter ACC/094/
PWU dated 1 May 1944 on subject as above.
2. Statement will prepared and submitted to
you prior to 1 June 1944.

For the Regional Commissioner,

Capt Pacey
Please keep a
working file
on this

William M. Spann
W. M. SPANN.
Major AUS.
Regional Transportation Officer.

WMS/pd

B/F

HEADQUARTERS
10 MAY 1944
A. C. C.

include all
regions

10 May
328

*LACONIA Corporation
(Province of Longue Pointe)
Estimated for next 3 months
600 tons of cement
20/3/44
Re other letter of C.E. 2 District
on Major Knight.*

*700 tons Apr.
700 " May
400 " June
400
500
350*

Liaison Officer
A.C.C. Public Works Sub-Com.
HQ No 2 District
Ref: P.W. & U./L.O./I

15 March 44

Subject:- Cement Requirements.

A.C.C./P.W. & U./S.C.
For Lt. Col. Laboon.

The C.E. 2 District requires a forecast of our cement requirements for the months April, May & June, for bridge construction & other essential Maintenance works.

*1800 tons
9000 lbs.*

*Lt. Thompson says
AKR
25/3.*
Copy to: Maj. Hyland.

W. Knight
Major W. Knight
A.C.C. Public Works Div.
Liaison Officer
HQ No 2 District

- (1) Lt. Col. Thompson.
- (2) " Lt. Laboon.

*to 1st Lt. Hyland
copy to 1st Lt. Hyland
1st Lt. Hyland
1st Lt. Hyland
1st Lt. Hyland*

*500 lbs.
1st Lt. Hyland
will you get 1st Lt. Laboon and
Thompson to act on this promptly
and see that a return is sent
to Knight for submission to
C.E. at 18/3*

39

Copy.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works and Utilities Sub-Commission
APO 394

JFL/cw 10

25 Mar 44

ACC/094/PWU

Subject : Bitumen Requirements.

To : Maj. Knight.

1. Our forecast of bitumen requirements for Priority I Immediate, Priority II Immediate and patching and maintenance for District II, Southern Italy, are as follows:-

	Bitumen	Cut back	Emulsion
April	800 tons	120 tons	400 tons
May	600 "	90 "	300 "
June	360 "	55 "	100 "

2. You have assured us that the contractors have all necessary equipment to complete their share of this work with the exception of transport. Therefore, we request that District II provide not fewer than 50 trucks to begin with and other trucks to come as needs develop.

John F. Laboon
Lt. Col. CMP.
Chr. Public Works Div

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C.C. Maj. Hyland.

HEADQUARTERS
ALLIED CONTROL COMMISSION
Public Works & Utilities Sub-Commission

ACC/094/PW &U

March 1, 1944

TO : Economic Section

Subject : Consolidated Overall Civilian Supply Programme
for Liberated Italy

Memo:

Refer. your instructions 24 Feb 44 on the above
subject, the relevant statements are attached herewith.


L. A. JENNY
Lt.Col. C.E.R.
Director

*Rome figures - conjectural
& depend on date occupied,
& conditions found.*

TABLE I. GENERAL

A REFERENCE NUMBER	B COMMODITY GROUP AND SUB-GROUPS	C APPROX ANNUAL TOTAL TONNAGE APRIL, 1944-MARCH, 1945 IN LONG TONS (000'S OMITTED)			D TYPE OF CARGO (TANKER, COLLIER, DRY, COASTAL)
		ROME	S. ITALY	TOTAL	
These given to Industry & Commerce, for inclusion in their totals.)	I. <u>Fuels.</u>				
	A. <u>Solid fuels.</u>				
	1. Gas-coal	-			Collier
	" "	170,000	65,000	235,000	"
	B. <u>Liquid fuel.</u>				
	1. Gasoline	200	4,000	)	Tanker
	2. Naphtha		15	)	
	3. Oil & lubricants		105	)	
		200	4,120	4,320	
	II. <u>Pipes.</u>				
	6. 1. Cast iron (40-500mm)	9	1,500	)	Dry
	7. 2. Steel tubes (large)	) 1,000	25	)	
	8. 3. Galvanised piping (small)	)	100	)	
		1,000	1,625	2,625	
	III. <u>Metals.</u>				
	9. 1. Lead (pig)	50	50		Dry
	10. 2. Steel bars (reinforcing)				
	11. 3. do. beams	200	300		"
		200	160		"
		450	510	960	"

Some figures - conjectural -
depend on date occupied,
& conditions found.

TABLE I. GENERAL

Sheet 1

BY GROUP -GROUPS	C APPROX ANNUAL TOTAL TONNAGE APRIL, 1944-MARCH, 1945 IN LONG TONS (000'S OMITTED)			D TYPE OF CARGO (TANKER, COLLIER, DRY, COASTAL)	E PREFERRED PORT OF ENTRY	F POSSIBLE SOURCE OF SUPPLY	G JUSTIFICATION REFERENCE, RATINGS I,II, III, IV. (FOR DETAILS SEE LETTER PARA E.4).
	ROME	S. ITALY	TOTAL				
Fuels.							
-coal	-			Collier	)80% Naples	U.K.	)I - 50%
"	170,000	65,000	235,000	"	)20% Sicily & S. Italy	"	)& II - 50%
fuel.							
oline	200	4,000	)	Tanker	) Naples	)	)
atha		15	)		) or	)Middle	)
& lubricants	200	105	)		) Bari	) East	) I
		4,120	4,320		)	)	)
n(40-500mm)	9	1,500	)	Dry	)	)	)
bes (large)	) 1,000	25	)		) Naples	) U.K.	) II
ed piping	)	100	)		)	) or	)
(small)	)		)		)	) U.S.A.	)
	1,000	1,625	2,625				
g)	50	50		Dry	Naples	Coastal (Sardinia)	II
rs				"	)40% Naples	)	)
(forcing)	200	300		"	)30% Reggio	) UK	) I
ms	200	160		"	)30% Bari	) or	)
	450	510	960			USA	

Rome figures - conjectural -
depend on date occupied,
& conditions found.

TABLE I. GENERAL

Sheet 1

CITY GROUP -GROUPS	C APPROX ANNUAL TOTAL TONNAGE APRIL, 1944-MARCH, 1945 IN LONG TONS (000'S OMITTED)			D TYPE OF CARGO (TANKER, COLLIER, DRY, COASTAL)	E PREFERRED PORT OF ENTRY	F POSSIBLE SOURCE OF SUPPLY	G JUSTIFICATION REFERENCE, RATINGS I, II, III, IV. (FOR DETAILS SEE LETTER PARA E.4).
	X ROME	S. ITALY	TOTAL				
Fuels.							
-coal	-						
"	170,000	65,000	235,000	Collier	) 80% Naples	U.K.	) I - 50%
				"	) 20% Sicily & S. Italy	"	) & II - 50%
fuel.							
oline	200	4,000	)				
tha		15	)				
& lubricants	200	105	)	Tanker	) Naples	)	)
		4,120	)		) or	) Middle	)
			4,320		) Bari	) East	) I
					)	)	)
n(40-500mm)	9	1,500	)				
pes (large)	) 1,000	25	)	Dry	)	)	)
ed piping	)	100	)		) Naples	) U.K.	) II
(small)	)		)		)	) or	)
	1,000	1,625	2,625		)	) U.S.A.	)
g)	50	50		Dry	Naples	Coastal	
rs						(Sardinia)	II
orcing)	200	300		"	) 40% Naples	)	
ne	200	160		"	) 30% Reggio	) UK	I
	450	510	960	"	) 30% Bari	) or USA	I

TABLE I. GENERAL

A Reference Number	B Commodity Group and Sub-Groups	C Approx annual total tonnage April, 1944-March, 1945 in long tons (000's omitted)			D Type of cargo (tanker, collier, dry, coastal)
		Rome	S. Italy	Total	
	IV. <u>Transport.</u>				
12.	1. Trucks 2½ ton (No. 100)		450	)	Dry "
13.	2. Tractors (No. 2)		5	)	
14.	3. Tyres (various)	<u>20</u>	<u>15</u>	)	
		<u>20</u>	<u>470</u>	490	
	V. <u>Machinery.</u>				
15.	1. Gas exhausters)			)	Dry
16.	2. Gas compressors)	10	10	—	
17.	3. Road rollers, No 50.			)	
18.	4. Scarifiers No 25.		450	)	
19.	5. Tar heaters" 400.		50	)	
20.	6. Stone spreaders No 25.		60	)	
21.	7. Stone crushers & screens, No 25		10	)	
22.	8. Asphalt plants small No 75.		110	)	
23.	9. Asphalt plants large No 25.		20	)	
		<u>10</u>	<u>125</u> <u>835</u>	845	

TABLE I. GENERAL									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Sheet 2

[illegible]

TABLE I. GENERAL

A Reference number	B Commodity Group and Sub-Groups	C Approx annual total tonnage April, 1944+March, 1945 in long tons (000's omitted)			D Type of cargo (tanker, collier, dry, coastal)
		Rome	S. Italy	Total	
	VI. <u>Miscellaneous</u>	tns	tns.		
24.	1. Chlorinating plant mobile, 2 sets	3	2sets 3		) Dry
25.	2. Red lead	20	20		
26.	3. Steel cable	10	6		
27.	4. Bitumen, tar asphalt etc.	100	9,000		Coastal
28.	5. Lumber, 6"x6" upwards, structural		6,000		Dry
		133	15,029	15,162	
	VII <u>Electrical.</u>				
29.	1. Conductors, bare copper.	10	110		) Dry
30.	2. Cable underground	20	186		
31.	3. Insulators	80	888		
32.	4. Transformers and accessories.	-	29		
33.	5. Hardware (misc)	90	930		
34.	6. Meters, trans- formers etc.	30	306		
35.	7. Trans. oil, lub oil, grease.	30	321		
36.	8. Insulating materials	-	12		
37.	9. Tyres and tubes.	-	7		
		260	2,789	3,049	

TABLE I. GENERAL

Sheet 3

	C Approx annual total tonnage April, 1944-March, 1945 in long tons (000's omitted)			D Type of cargo (tanker, collier, dry, coastal)	E Preferred port of entry	F Possible source of supply	G Justification reference, Ratings I, II, III, IV. (for details see letter para E.4.9.
	Rome	S. Italy	Total				
	tns	tns.					
2 sets	3	2sets 3		)	)	)	)
	20	20		) Dry	) Naples	) UK or USA	) I
	10	6		)	)	)	)
	100	9,000		Coastal	S; Italy ports	Sicily	I
actural		6,000		Dry	" " "	USA	50% - I
	133	15,029	15,162				50% - II
	10	110		)	)	)	)
round	20	186		)	)	)	)
	80	888		)	)	)	)
and	-	29		)	)	) UK	)
sc)	90	930		) Dry	) Naples	) or	) I
s-				)	)	) USA	)
	30	306		)	)	)	)
ub oil,	30	321		)	)	)	)
aterials	-	12		)	)	)	)
bbs.	-	7		)	)	)	)
	260	2,789	3,049	)			)

FUEL
JUSTIFICATION BY TYPE OF USE

Reference No.

(Indigen)

CATEGORIES OF USE	COAL (REF. NO..1...)	DIESEL OIL (REF. NO.....)	KNAPHTHA (REF. NO..3..)	GASOLINE (REF. NO..2....)	LUBRICATING OIL & GREASE (REF. NO..)
<u>Utilities</u>	<u>Tons</u>			<u>Tons</u>	
Gas }	235,000		)	)	)
Electric }			) 15	) 200	)
Water }			)	)	)
<u>Roads and</u>				4,000	) 105
<u>Bridges</u>					)

FUEL
JUSTIFICATION BY TYPE OF USE

Reference No. to No. Sheet 4

(Including Home)

.1...)	DIESEL OIL (REF. NO.....)	NAPHTHA (REF. NO..3..)	GASOLINE (REF. NO..2....)	LUBRICATING OIL & GREASE (REF. NO...4..)	FUEL OIL (REF. NO.....)
			<u>Tons</u>		
		)	)	)	
		) 15	) 200	)	
		)	)	) 105	
			4,000	)	

TABLE 2. MONTHLY REQUIREMENTS IN LONG TONS
(Breakdown by months of Column C of Table 1) Including

A REFERENCE NUMBER	B COMMODITY GROUP AND SUB-GROUPS	C APRIL 1944	D MAY 1944	D JUNE 1944	F JULY 1944	G AUGUST 1944	H SEPT 1944	I OCTOBER 1944	J NOV. 1944	K DEC. 1944	7 JAN. 1945	L FEB. 1945
	<u>I. FUELS.</u>											
	<u>Solid Fuels:-</u>											
1.	Gas - coal	15,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
	<u>Liquid:-</u>											
2.	Gasoline	500	500	500	500	500	500	200	200	200	200	
3.	Naphtha	15	-	-	-	-	-	-	-	-	-	
4.	Oil & lubricants	20	20	20	20	10	10	5	-	-	-	
	<u>II. PIPES</u>											
6.	Cast-iron)											
7.	Steel tubes)	300	300	300	300	300	300	300	125	100	100	
8.	Galv. Piping)											
	<u>III. Metals</u>											
9.	Lead	50	-	-	-	-	-	-	-	-	-	
10, 11.	Steel bars & beams.	200	200	200	110	100	100	-	-	-	-	

TABLE 2. MONTHLY REQUIREMENTS IN LONG TONS
(Breakdown by months of Column G of Table 1)

Including Rome.

Sheet 5.

C APRIL 1944	D MAY 1944	D JUNE 1944	F JULY 1944	G AUGUST 1944	H SEPT 1944	I OCTOBER 1944	J NOV. 1944	K DEC. 1944	L JAN. 1945	M FEB. 1945	N MARCH 1945	TOTAL 12-MONTHS
5,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	235,000
500	500	500	500	500	500	200	200	200	200	200	200	4,200
15	-	-	-	-	-	-	-	-	-	-	-	15
20	20	20	20	10	10	5	-	-	-	-	-	105
300	300	300	300	300	300	300	125	100	100	100	100	2,425
50	-	-	-	-	-	-	-	-	-	-	-	-
200	200	200	110	100	100	-	-	-	-	-	-	960

Given to
Ind. &
Comm.
for
mission
in their
totals.

TABLE 2. MONTHLY REQUIREMENTS IN LONG TONS
(Breakdown by months of Column C of Table 1)

A REFERENCE NUMBER	B COMMODITY GROUP AND SUB-GROUPS	C APRIL 1944	D MAY 1944	E JUNE 1944	F JULY 1944	G AUGUST 1944	H SEPT 1944	I OCTOBER 1944	J NOV. 1944	K DEC. 1944	L JAN. 1945
	<u>IV. TRANSPORT</u>										
12, 13, 14.	Trucks, tractors TYRES -	200	200	90	-	-	-	-	-	-	-
	<u>V. MACHINERY.</u>										
15, 16.	Exhausters, compressors	20	-	-	-	-	-	-	-	-	-
17.	Road rollers	200	150	100	-	-	-	-	-	-	-
18- 23.	Misc. plant	150	150	75	-	-	-	-	-	-	-
	<u>VI. MISCELLANEOUS</u>										
24, 25, 26.	Chlor. plant, red lead, steel cable.	40	28	-	-	-	-	-	-	-	-
27.	Bitumen etc	1,600	1,500	1,500	1,500	1,500	1,500	-	-	-	-
28.	Lumber.	1,000	1,500	1,500	1,000	1,000	-	-	-	-	-

TABLE 2. MONTHLY REQUIREMENTS IN LONG TONS
(Breakdown by months of Column C of Table 1)

Sheet 6.

[illegible]

TABLE 2. MONTHLY REQUIREMENTS IN LONG TONS
(Breakdown by months of Column C of Table 1)

A REFERENCE NUMBER	B COMMODITY GROUP AND SUB-GROUP	C APRIL 1944	D MAY 1944	E JUNE 1944	F JULY 1944	G AUGUST 1944	H SEPT 1944	I OCTOBER 1944	J NOV. 1944	K DEC. 1944	L JAN. 1945
29 + 37.	VII. <u>ELECTRICAL</u> As listed	300	400	500	600	600	149	100	100	100	100

TABLE 2. MONTHLY REQUIREMENTS IN LONG TONS
(Breakdown by months of Column C of Table 1)

Sheet 7.

C APRIL 1944	D MAY 1944	E JUNE 1944	F JULY 1944	G AUGUST 1944	H SEPT 1944	I OCTOBER 1944	J NOV. 1944	K DEC. 1944	L JAN. 1945	M FEB. 1945	N MARCH 1945	TOTAL 12-MONTHS
300	400	500	600	600	149	100	100	100	100	100	-	3,049

CONSOLIDATED OVERALL CIVILIAN SUPPLY PROGRAMI. PURPOSE

1. The purpose of a consolidated overall supply program for liberated Italy is to provide sufficiently well in advance an idea of the order of magnitude of the basic minimum requirements of liberated territory and of the variety of goods that will be needed. Both of these are necessary in order to permit the authorities in Washington and London to make overall plans for production, procurement, and shipping, and to serve as a basis for the allocation of limited supplies as between various claimants.

2. Such a consolidated overall supply program is necessarily rough in character and would be subject to continuous revision as a result of a change in the assumptions on which it is based or of more detailed information which becomes available. It does not constitute a requirements schedule in the narrow sense of the term or a basis for making detailed requisitions.

II. SCOPE

1. The program would cover the whole of liberated Italy as of its geographical extent of end of February 1944.

2. A separate supplement on Rome based on the best available guesses would be a valuable addition. If difficult to draw up now, it could follow the program for liberated Italy.

3. The program would be for the period of one year.

4. The program would cover ^{essential requirements for} civilian requirements only.

5. The program would cover the following categories of requirements:

a. The four categories of goods procured by the Army Service Forces for liberated areas: food, soap, fuels, and medicines. Data on requirements of at least one of these items may have to be procured outside the Economic Section.

b. Essential requirements of agriculture in seed, fertilizer, spare parts, and of absolutely indispensable machinery for replacement.

c. Indispensable requirements of essential public services and industries, including those designed to reduce the import from the U.S. and U.K. of category a. and those working on strategic or key exports to the U.K. and U.S.

III. ASSUMPTIONS AND POLICY BEHIND PROGRAM.

1. The presently liberated territory continues to remain a zone of military operations and/or supply. 38

2. The military have a first call on domestic resources and supplies including harbor facilities. ^{supplies} ~~above other than essential needs.~~

3. Imported civilian supplies continue to be restricted as at present owing to overall shortages, scarcity of shipping space, and lack of harbor facilities.

-2-

4. Supplies, services and facilities in Italian territories north of Rome continue to be unavailable, for one reason or another, to presently liberated Italy.

5. The supplies included in the program would be those designed primarily:

a. To furnish the civilian population with those necessities which are essential to prevent such disease and unrest as is likely to prejudice military operations.

b. To repair and maintain facilities which are needed by the military at least as much as by the civilians. *and it asks that from government & non-official.*

6. The supplies fall mostly within rating I and to a smaller extent within rating II of the classification of essentiality as defined by the Combined Civil Affairs Committee of the Combined Chiefs of Staff in CACI Airgram 5, November 30, 1943 on Essentiality of Civilian Supplies, and Italy.

Part I
"RATING ONE: "Supplies which must be furnished to prevent disease or unrest which would prejudice the military operation. Such supplies are justified only on the basis of absolute essentiality."

Part II
"RATING TWO: "Supplies which are essential to the maintenance of industrial, economic, and civilian life of the country to such an extent that the lack of such supplies would cause severe internal repercussions, although not to such an extent that military operations would be jeopardized".

Part III
"RATING THREE: "Supplies necessary for the production of goods contributing directly to the Allied War program.

"RATING FOUR: Supplies which are important to the industrial and civilian life of the country although that lack of such supplies would not cause severe internal repercussions.

7. The supplies included in the program cover requirements in the following general fields:

a. Food, soap, fuel and medical imports for direct distribution to civilian population.

basic and essential
b. Agriculture ^{including} Basic necessities for local production ~~and civilian~~ ^{including} ~~reproduction~~ of food: seed, fertilizer, spare parts, and absolutely indispensable machinery for replacement. *(including equipment)*

c.

c. Fuel - Essential supplies for domestic production of fuel. *← 383*

d. Industry I: Essential Consumers Goods; *equipment & supplies for local production*

1) Soap manufacture

2) Mills and Bakeries

3) Pharmaceuticals

4) Clothing and shoe manufacturing - In this doubtful category it is only a question of supplies like thread, needles, and nails for repair. *also laundry material for health.*

-2-

-3-

e. Industry II and Essential services: Essential parts and maintenance material for:

1) Electric Power *also E (Gas water & Service)*

2) Transport

a Railways

b Roads

c Schooners and coastal shipping.

8. The supplies should include only those items which are necessary to tide over a given service or industry at rock bottom level of operations for a period of a year, and should exclude anything in the nature of a reconstruction project. *for the purpose of importing.* Long Term

D. METHOD OF PREPARATION

1) Figures to be in tonnage, and when in piece to indicate approximate weight. *(Long Term 22 Jan 1960)*
in Long Term (22 Jan 1960)

2. Breakdown as detailed as possible, to be attached in annex.

3. Figures to be on a monthly basis, from April 1944 to March 1945, with seasonal supplies such as phosphate rock being entered for the month when they should be available on the spot. An annual total column would also be provided.

4. Indications should be provided whenever possible to make possible the following classification of the requirements material:

5 a. Classification by type of cargo, i.e., tanker material, dry cargo, coal and other cargo requiring specialized shipping.

b. Classification by possible source of supply. In this case U. S. and U. K. should be considered as ultimate source after all other sources have been tapped. Contemplated source classification would involve these three groups:

1) Mediterranean area - indicate, whenever known, breakup, such as Iberian peninsula, Turkey, Middle East. *(Outside Med. Basin)*

2) Sardinia - for coal

3) Outside Mediterranean. Indicate where possible potential non-Mediterranean sources other than U.S. and U. K.

5. Give indications as to ports which seem most appropriate from the point of view of consumer or user of article.

6. Provide brief justification for each group and subgroup of articles by:

a. Assigning to it one of the four ratings contained in C. C. A. C. CAL Airgram 5, referred to in C-6 above.

b. Stating the estimated production or use which required materials.

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- 4 -

- 1) Last available normal peace-time year (1936 or 1937);
- 2) Last estimated wartime use prior to liberation;
- 3) Present output or use;
- 4) Estimated basic needs.

c. Any other relevant convincing piece of justification.

5. Attach or provide copy of any relevant report which has already been prepared and sheds more light than given above, e.g., Industry and Commerce Report on Cement Production.

A. Tirana

February 20, 1944.

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TABLE 1. GENERAL

A REFERENCE NUMBER	B COMMODITY GROUP AND SUB-GROUP	C 2-YEAR ANNUAL TOTAL TUNNAGE APRIL, 1944-MARCH, 1945 IN LONG TONS (2000 OBTAINED)	D TYPE OF CARGO (TANKER, COLLIER, ETC., COASTAL)	E SUSPENDED POINT OF ENTRY	F PORT OF ORIGIN
1 2 3 4 5 6	I - FUELS A - Solid Fuels 1 - Coal B - Liquid Fuel 1 - Diesel Oil 2 - Kerosene 3 - Gasoline 4 - Lubricating Oil 5 - Fuel Oil		Collier Tanker		
7 8 9	II - AGRICULTURE A - Fertilizers 1 - Phosphate rock 2 - Nitric acid 3 - Nitrogen fertilizers B - Seeds 1 - Potatoes 2 - Grains 3 - Vegetables C - Parts and Machinery		Coastal		
ETC.	ETC.				

By 2 pm

TABLE E- GENERAL

By 2 pm

+4 years

A. PERCENT ANNUAL TOTAL TONNAGE APRIL, 1944 - MARCH, 1945 IN 1,000 TONS (000'S OMITTED)	B. TYPE OF CARGO (TANKER, COASTAL, ETC., COASTAL)	C. ESTIMATED TONNAGE OF CARGO	D. POSSIBLE SOURCE OF SUPPLY	E. JUSTIFICATION REFERENCE: RATING I, II, III, IV. (FOR DETAILS SEE LETTER PARA E.4)
	Collier			
	Tanker		Middle East	
	Coastal			

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TABLE 2. MONTHLY REQUIREMENTS IN LONG TASS
(Breakdown by months of Column C of Table 1)

A REFERENCE NUMBER	B COMMUNITY GROUP AND SUB-GROUPS	C APRIL 1944	D MAY 1944	E JUNE 1944	F JULY 1944	G AUGUST 1944	H SEPT. 1944	I OCTOBER 1944
(As in Table 1)	(As in Table 1)							

CLASS A

FORM

Reference No. to No.

JUSTIFICATION BY TYPE OF USE

CATEGORIES OF USE	COAL (REF. NO.)	DIESEL OIL (REF. NO.)	KEROSENE (REF. NO.)	GASOLINE (REF. NO.)	LUBRICATING OIL (REF. NO.)
<u>TRANSPORTATION</u> Railways Interurban Bus Lines Urban Bus Lines Trucks Private Vehicles Ships and Coastal					
<u>UTILITIES</u> Electric Power City Gas					
<u>AGRICULTURAL</u> Agricultural machinery					
<u>INDUSTRY</u> Food Processing Cement Industry ETC.					
<u>MISCELLANEOUS</u>					

(EXHIBIT A)

FUEL

Reference No.....to No.....

JUSTIFICATION BY TYPE OF USE

COAL (REF. NO.....)	DIESEL OIL (REF. NO.....)	KEROSENE (REF. NO.....)	GASOLINE (REF. NO.....)	LUBRICATING OIL (REF. NO.....)	FUEL OIL (REF. NO.....)
------------------------	------------------------------	----------------------------	----------------------------	--------------------------------------	----------------------------

Civilian Supply Programme.
(Consolidated)

SUMMARY of requirements, as concerning PW and U.

- I. SCOPE. (a) Geographical position of Italy as at end of Feb.44.
(b) Rome City and district, as supplement if possible.
One year period.
(c) Civilian needs only.
(d) Main Categories.....(i)fuel
(ii)stores for essential services
2. ASSUME.....
Restricted shipping, port facilities, and general shortages; also that resources of Italy N.of Rome remain unavailable.
3. RATINGS. I. Absolutely essential, to prevent disease and unrest, and conditions likely to prejudice Mily.operations.
II. Essential to life, generally, but lack would cause no serious effects i.e. such as to impede Mily.operations.
III. for industrial production directly assisting the War effort.
IV. Important; but could manage without.
4. LIMITS. To tide over, at "rock-bottom level" only, for 1 year.
No reconstruction schemes.
5. METHOD. In tons (2240 lbs). Parts separately, by weight.
Expressed monthly, April 44 to March 45, with a totals column.
Types of cargo indicated.... tanker
dry cargo
coal etc.
6. CLASSIFICATIONS. (a) By possible sources e.g.
Med. area
outside " "
UK or USA, ultimate (after 270rs)
(b) Ports, for discharge.
(c) Indicate one or other of the Ratings.
(d) Consumption data..... peace 1936/37
war, prior to 1943.
present
basic needs (?)
(e) Any other justification.
(f) Copies of any special reports already submitted on stores, supplies etc etc.

List of materials required by Soc. Acquedotto di Napoli

Year 1944 - 1945.

C.I. pipes spigot and socket, tested 10 atmospheres.

Diameter	40 mm.....	40 tons.	Total requirements. for all towns. = 112 tons
"	60 "	30 "	
"	80 "	40 "	
"	100 "	50 "	
"	150 "	40 "	
"	200 "	56 "	
"	250 "	39 "	
"	300 "	25 "	
"	350 "	32 "	
"	400 "	75 "	
"	500 "	60 "	
		487 tons	974 tons

Pressure mains for syphons.

Diameter	700 mm	8 tons.
"	800 "	12 "
		20 tons.

Galvanised piping.

Diameter	3/8"	60 tons	
"	1/2"	30	"
"	3/4"	25	"
"	1"	25	"
"	1 1/4"	20	"
"	1 1/2"	20	"
		<u>180 tons</u>	
			360 tons
			540 tons

Specials in C.I.

(Local production)	50 tons.	150 km
Manhole covers (C.I.)	35 tons.	70 km
(local production)	30 tons.	60 km
Lead for jointing pipes.		
Lead for manufacture of lead pipes.		
		378 km

350 "	32 "	487 tons	* 2. 974 tons. 540 tons
400 "	75 "		
500 "	60 "		
<u>Pressure mains for siphons.</u>			
Diameter 700 mm	8 tons.		
" 800 "	12 "		
	20 tons.		40 tons. 60 tons
<u>Galvanised piping.</u>			
Diameter 3/8"	60 tons		
" 1/2"	30 "		
" 3/4"	25 "		
" 1"	25 "		
" 1 1/4"	20 "		
" 1 1/2"	20 "		
	180 tons		360 tons 540 tons
<u>Specials in C.I.</u>			
(Local production)	50 tons.		100 tons 150 tons
Manhole covers (C.I.)	35 tons.		70 tons 105 tons
(local production)			
Lead for jointing pipes.	30 tons.		60 tons 90 tons
Lead for manufacture of			378 tons 468 tons
lead pipes.	3 tons.		6 tons 9 tons
(local production)			
Coke.	30 tons.		60 tons 90 tons
<u>Special fittings in galv.</u>			
malleable iron for steel			
tubing 3/8" to 1 1/2".	4 tons.		8 tons 12 tons
Iron for jointing straps.	18 tons.		36 tons 54 tons
<u>Valves tested to 10 atmospheres (local production).</u>			
Diameter 40 mm	No 600		
" 60 "	" 120		
" 80 "	" 60		
" 100 "	" 120		
" 150 "	" 60		
" 200 "	" 24		
" 250 "	" 12		
" 300 "	" 12		
" 350 "	" 6		
" 400 "	" 6		

Total Weight. 1714 tons.

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Valves (continued).

Diameter 500 mm	No	6
Total No	1,023	
Cement	6,000 quins	12,000 ^{tons}
Cement, rapid hardening	200	= 400
Lime	600	= 1200
Gypsum	200	= 400
Timber	300 cubic metres	600. cas. = 600 tons

*

Stopcocks (local production)

Diameter 3/8"	No	24,000
" 1/2"	"	600
" 3/4"	"	300
" 1"	"	120
" 1 1/4"	"	60
" 1 1/2"	"	60

} say. 30,000.

Water meters

10 mm	No	6,000
20 mm	"	600
30 mm	"	150
40 mm	"	150
50 mm	"	50
65 mm	"	50
80 mm	"	25
100 mm	"	50
125 mm	"	12
150 mm	"	25
200 mm	"	5

} say. 10,000.

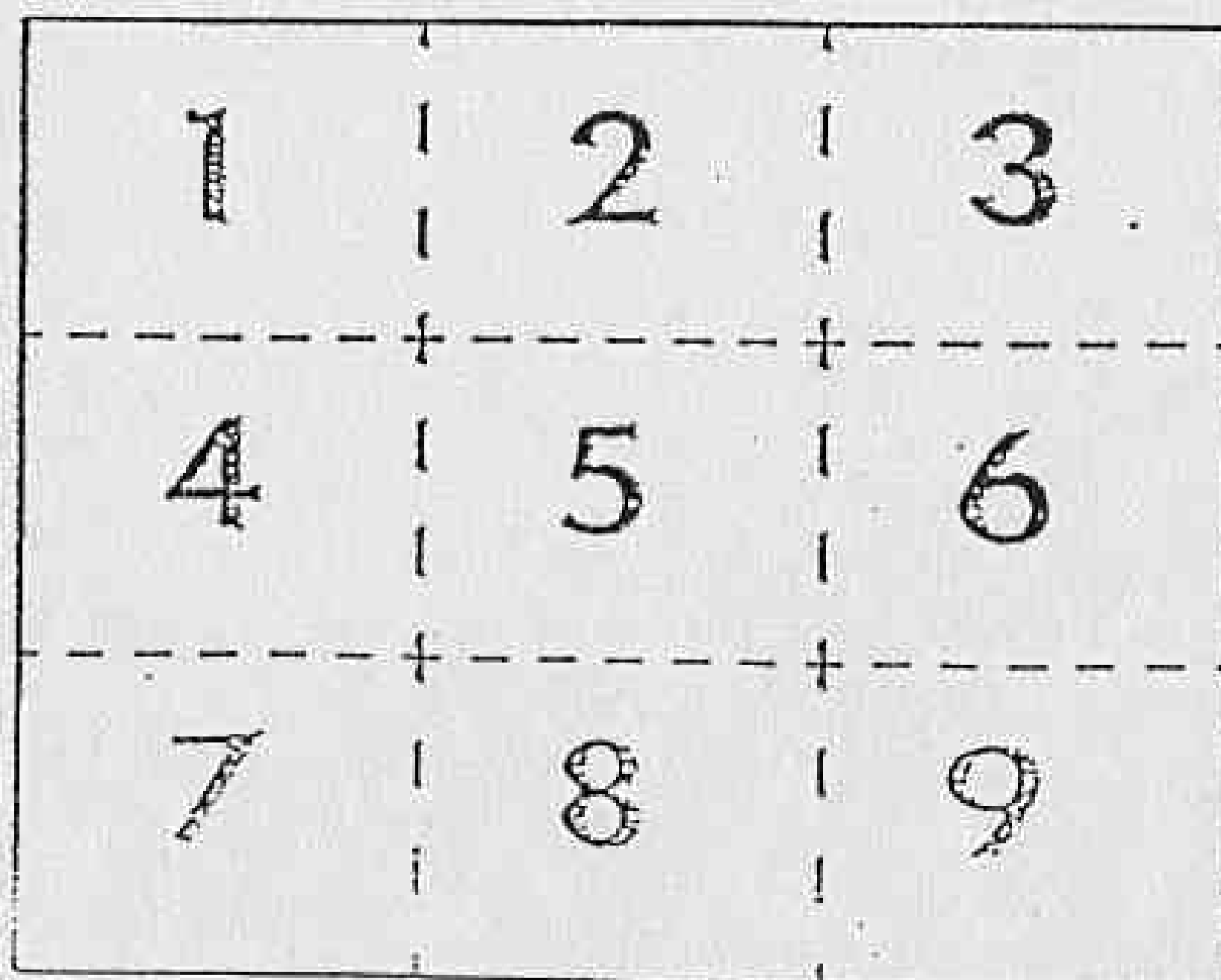
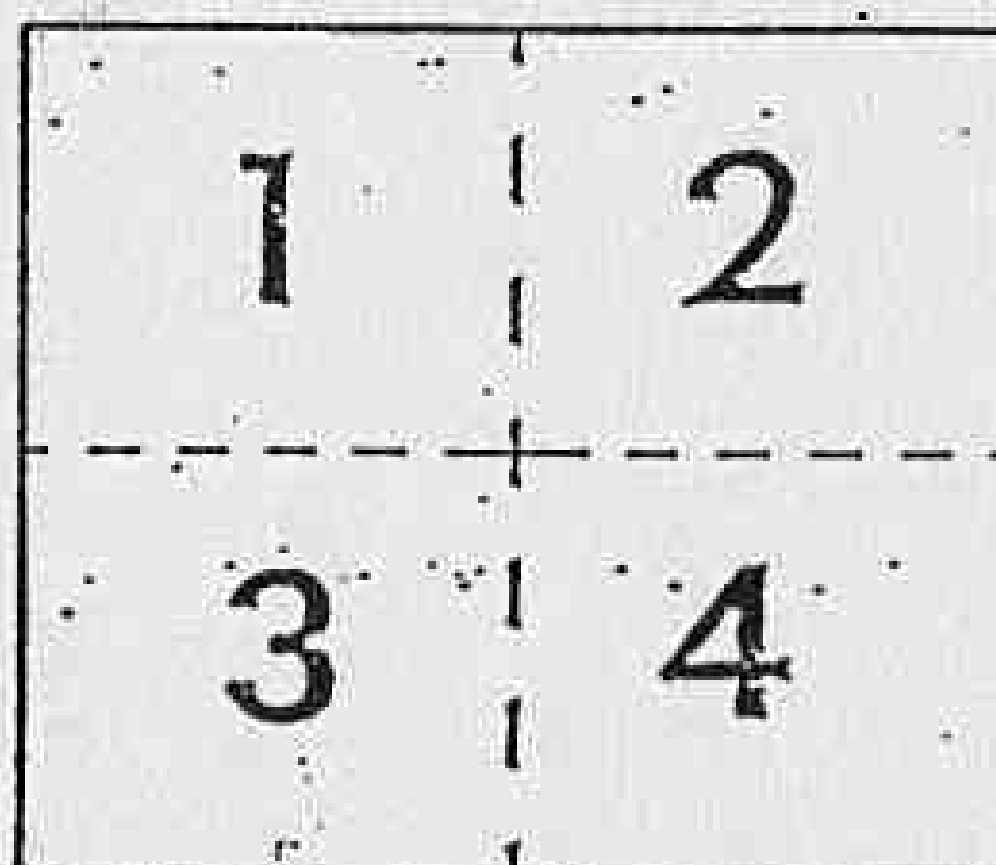
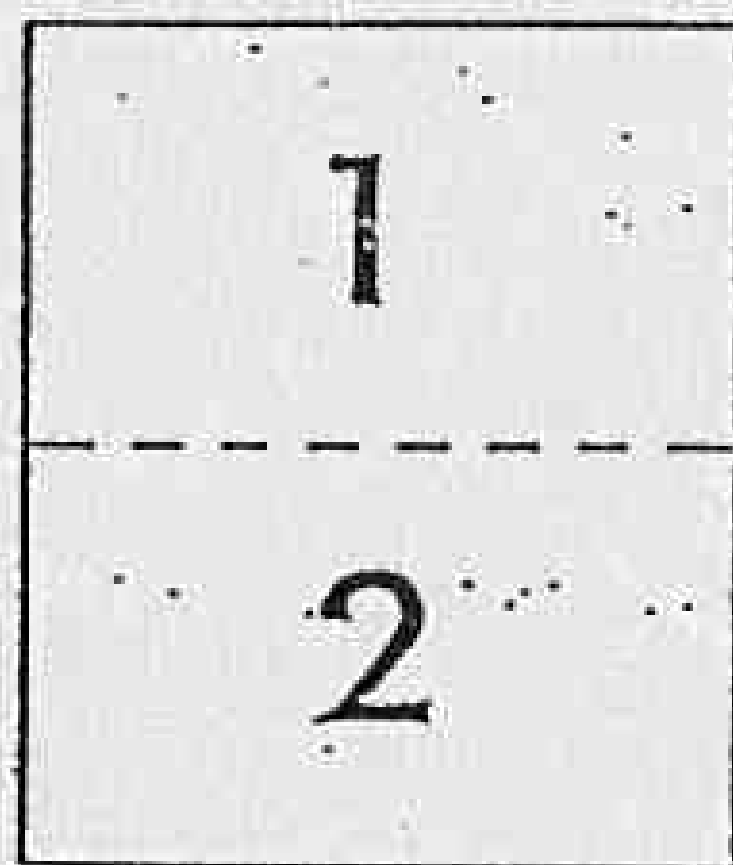
*

Aluminium meter brackets
(local production)

Benzine	Litres	72,000	12,000	say. 20,000.
Naphta	"	12,000	150,000	150,000 litres.
Lubricating oil	"	2,000	3,000	3,000 litres.
Tyres	No	60	(170 x 16)	4. 1037 (20x16)
Free chlorine			3 1/2 tons	say. 2 tons.

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

SEE DIAGRAMS BELOW.



A.C.C./061/P.W.O.

GAS SUPPLY NAPLES

Detail of all principal materials and apparatus
 Gas Works Plant, and distribution to full possibl
 1 March to 31 Dec. 1944

I T I S				
	March	April	May	June
Gas-coal	1,550	2,000	2,800	2,800
Electric Transformer Oil	0.20	---	---	---
Electric Motor oil	0.40	---	0.40	---
Lubrificant oil	0.60	---	0.60	---
Grease	0.40	---	0.40	---
Beam for gas holder	---	50	50	---
Iron plate for gas holder	30	30	---	---
Screw-bolt	1	---	---	1
Tool Steels	0.020	---	---	---
Rails h= mm.120 - mt.200	7	---	---	---
Timber Bolts	0.20	---	---	---
Rivets for Gas holder	6	6	6	6
Wire-tacks (5-7-10 cm.)	0.10	0.10	0.10	---
Iron for Oxiaetilenawelder	0.20	---	0.20	---
Iron for electric welder	0.06	0.06	0.06	0.06
Oxygen in bottle mc.	300	300	300	300
Acetilen in bottle mc.	100	100	100	100
Copper (in bar and sheet)	0.10	---	0.10	---
Lead in bar	20	---	20	---
Red lead	3	---	3	---
Tin in bar	0.10	---	---	0.10
Ball bearing	0.05	---	---	---
Steel cable (mm.8-10-15-18-	---	---	1	---
Hempe cable	---	1	---	---
Iron plate corrugated for roofing <i>was corrugated</i>	15	---	---	---
Asbestos rope	0.100	---	---	0.100
Asbestos paking in sheet	0.200	---	---	0.200
Joint paking	0.100	---	---	0.100
Wood for gas holder repairs in mc.	---	100	---	---
Cement	50	---	50	---
Chalk	0.40	---	0.40	---
Lime	1	---	1	---
Gasoline	1.50	1.50	1.50	1.50
Metallurgic coke for foundry				

Nivets for Gas holder	6	6	6	6
Wire-tacks (5-7-10 cm.)	0.10	0.10	0.10	--
Iron for Oxiaacetylenawelder	0.20	--	0.20	--
Iron for elettric welder	0.06	0.06	0.06	0.06
Oxigen in bottle mc.	300	300	300	300
Acetylen in bottle mc.	100	100	100	100
Copper (in bar and sheet)	0.10	--	0.10	--
Lead in bar	20	--	20	--
Red lead	3	--	3	--
Tin in bar	0.10	--	--	0.10
Ball bearing	0.05	--	--	--
Steel cable (mm. 8-10-15-18-	--	--	1	--
Hemph cable	--	1	--	--
Iron plate corrugated for roofing <i>was almost obsolete</i>	15	--	--	--
Asbestos rope	0.100	--	--	0.100
Asbestos paking in sheet	0.200	--	--	0.200
Joint paking	0.100	--	--	0.100
Wood for gas holder repairs in mc.	--	100	--	--
Cement	50	--	50	--
Chalk	0.40	--	0.40	--
Lime	1	--	1	--
Gasoline	1.50	1.50	1.50	1.50
Metallurgic coke for foundray	30	--	30	--
Cast iron pipes (303 to 49)	--	150	--	150
Iron pipes (49 to 1")	--	15	--	15

N°1 Truck HP 15-20

N°1 Elettric welder

N°10 Elettric motors

N°1 Gas exauster mc. 8,000/hour- mm. 1,000 water pressure

N°2 Tractors HP 15-20 (elettric or gasoline)

N°1 Gas compressor mc. 8,000/hour-mm. 4,000 water pressure

N°1 Elettric generator 150 HP. (Standby).

ITALYIMPORTEDON LOAN

X small stocks in hand
 & almost all damaged.

6	6	6	6	6	---	---	---	---	---	0.20	---
0.10	0.10	0.10	---	---	---	---	---	---	---	30.00	---
0.20	---	0.20	---	0.20	---	---	---	---	---	0.30	---
0.06	0.06	0.06	0.06	0.06	---	---	---	---	---	0.60	---
300	300	300	300	300	300	300	300	300	300	---	0.30
100	100	100	100	100	100	100	100	100	100	mc. 3,000	---
0.10	---	0.10	---	0.10	---	---	---	---	---	mc. 1,000	---
20	---	20	---	---	20	---	---	---	---	0.30	---
3	---	3	---	4	---	---	---	---	---	60.00	---
0.10	---	---	0.10	---	---	---	---	---	---	---	10.00
0.05	---	---	---	---	---	---	---	---	---	---	0.20
---	---	1	---	---	1	---	---	1	++	---	0.05
---	1	---	---	---	---	---	---	---	---	---	3.00
15	---	---	---	---	---	---	---	---	---	1.00	---
0.100	---	---	0.100	---	---	0.100	---	---	0.100	---	15.00
0.200	---	---	0.200	---	---	0.200	---	---	0.200	---	0.400
0.100	---	---	0.100	---	---	0.100	---	---	---	---	0.800
---	100	---	---	---	---	---	---	---	---	---	0.300
50	---	50	---	50	---	50	---	---	---	mc. 100	---
0.40	---	0.40	---	0.40	---	0.40	---	0.40	---	200.00	---
1	---	1	---	1	---	1	---	1	---	0.00	---
1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	5.00	---
30	---	30	---	---	---	---	---	---	---	---	15.00
---	150	---	150	---	150	---	---	---	---	60.00	---
---	15	---	15	---	15	---	---	---	---	---	450.00
---	---	---	---	---	---	---	---	---	---	---	45.00

ITALYTOTAL

Tons. 505.820 Tons. 579.050
mc. 4.500 29,540.

IMPORTEDON LOAN

LESS.

29,000. TONS OF COAL.

= 540 TONS
OTHER
MATERIALS
IMPORTED.

ing. J. P. Jones
28.2.1944

0 5 7 0