

movement Demand 1945/46

10000/148/1106

to: Feb 45

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416/E

AMENDMENT TO REPORT 416/2/Tn 3 DATED 24 Feb 45

As average haul is considered to be 300 Kms figures given in Report Reference 416/2/Tn 3 dated 24 Feb 45 are amended as follows:

Future movement amend to read :-

Para 3 340,000 tons per month present
327,000 tons per month, target of 1,167,000

- I. 372 locomotives made up
 - II. 10,822 wagons
 - III. 30,000 tons coal (based on 300 locos in service daily).
- Edo Coaching stock at present :

90 in service
40 under repair
TOTAL-130 coaches

This number has been trebled for calculation of future needs to 390 for which additional 50 engines asked for.

25 February 1945

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C.R. Worthington
C.R. WORTHINGTON,
Major.

CRM/elc

HEADQUARTERS ALLIED COMMISSION
APO 394
Transportation Sub-Commission
(Movements Division - Rail)

Tel : 473704

416/2/Tn 3

24 February 1945

SUBJECT : Future Planning for Movement - Italy

TO : Col. M.J. Sieff

1. Introduction.
Reference meeting held on 21 Feb '45 to discuss materials required for movement of additional AC tonnage by rail in Italian territory, the following facts have been established, but it should be clearly understood that figures given of requirements are only very rough estimates.

2. Facts.

- (a) Nett average tonnage hauled per train estimated at 300 tons.
- (b) Average wagon turn-round estimated 10 days.
- (c) Number track kilometres now working 6,454.
- (d) Kilometres per locomotive per day approx. 100.
- (e) Nett haul per locomotive per month 9000 tons.
- (f) Coal consumption per locomotive 4 tons daily.

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3. Future Movement.
Assuming that the increase over the existing approx AC movement of 300,000 tons per month is 1,000,000 tons per month, the very rough figures for additional locomotives, wagons and coal would be as follows :-

- (i) 120 locomotives allowing for a certain number to be out of service awaiting repairs or overhaul over an average haul of 100 kilometres in 24 hours.
- (ii) Minimum of 4,000 wagons.
- (iii) 13,200 tons of coal per month.

4. Other Equipment.
In addition to the equipment outlined in para 3 above must be taken into consideration :-

- (a) Spare parts for locomotives and wagons.
- (b) Oil and lubricants.
- (c) Additional track.
- (d) Additional sleepers.
- (e) Additional crews.

5. % AC Tonnage accepted against total tonnage accepted.

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5. % AC Tonnage accepted against total tonnage accepted.
See Appendix 'A'.

6. Conclusion.
I It is pointed out that at the present time all lines are working almost to capacity and that the most in the way of increases that can be expected from present facilities and equipment is an additional 10% movement.
II Should the additional equipment outlined in para 3 above be realised, additional track, sleepers, and signal equipment would have to be provided to make double track working available.

C. P. Worthington
C. P. WORTHINGTON
Major

AC TONNAGE ACCEPTED AGAINST TOTAL TONNAGE ACCEPTED

Northbound Line 86	2%
" " 87	11½%
(North of Orte) Line 65	10%
(South of Orte) Line 65	6%
- do - Line 50	7½%
Line 89)	16%
" 90)	
(East to West) Line 91	12%
Line 94	19% incl. basic
(Calabria to West)	
Line 92	14% incl. basic
Southbound Line 86	10%
" " 87	33%
North of Orte Line 65	30%
South of Orte Line 65	35%
Line 50	50%
Line 89)	20%
90)	
West to East Line 91	22%
" " Line 94	11%
" " Line 95	55% incl. basic

Average overall 20%

Ext. 503

KES/gg

HEADQUARTERS ALLIED COMMISSION

APO 394

Transportation Sub-Commission

10.04/ES

22 February 1945

SUBJECT: Italian First-Aid Plan
Industrial Raw Materials- Supplies and Equipment

TO : Transportation Sub-Commission
Att. Col. Sieff

1. The following are "A" category tonnages of Industrial Raw Materials, Supplies and Equipment estimated for movement each month during the first six months of operations.

A. Raw Materials	Central	Southern	Total
Lignites	80,000		80,000
Pyrites	2,500		2,500
Sulphur	113,000	9,000	22,000
Rock Salt	36,000	4,000	40,000
Copper		150	150
Tin	45	15	60
Coal	87,850	87,850	175,700
P.O.L.		100,000	100,000
Siderurgical Materials	45,000		45,000
Non Ferrous Metals	21		21
Wood	40,000		40,000
Crude Oil		208,000	208,000
	304,416	409,015	713,431
B. Supplies & Equipment			
Explosives	300	200	500
Synthetic Rosins	100		100
Varnishes & Enamels	400		400
Paper	1,500		1,500
Glass	1,000	1,000	2,000
Machine Shops	750	750	1,500
Caustic Soda	15,500		15,500
Non Ferrous	500		500
Steel	30,000	20,000	50,000
Cement & Lime	10,000	20,000	30,000
Brick & Tile	10,500		10,500
Agriculture Machines		100	100
Calcium Carbide	1,000		1,000
Gases	8,625	8,625	17,250

SUBJECT: Italian First-Aid Plan

Industrial Raw Materials- Supplies and Equipment

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Tin	45	15	60
Coal	87,850	87,850	175,700
P.O.L.		100,000	100,000
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Non Ferrous	500		500
Steel	30,000	20,000	50,000
Cement & Lime	10,000	20,000	30,000
Brick & Tile	10,500		10,500
Agriculture Machines		100	100
Calcium Carbide	1,000		1,000
Gases	8,625	8,625	17,250
Electrodes	150		150
Paints & Pigments	400	300	700
Tool Machinery	1,000		1,000
Misc. Tools, upp. Equipment	5,000		5,000
	55,975		55,975
GRAND TOTAL	391,141	454,890	856,131

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2. Figures are ^{for} compartments of Toscana and Marche and all south: are on monthly basis; are in metric tons.

K. E. Stauffer
Supply & Resources Div

CC:
Mr. Cleveland
Maj. Tobby.

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Ext. 503

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

KES/

Ref. /ES

21 February 1945

SUBJECT : Italian First Aid Plan
Food

TO : Transportation S/C
Attn. Col. Sieff

1. The following includes the wine, salt, and grain figures given you earlier to-day and are the tonnages of all food groups estimated for movement in the 1945-46 season.

- FOOD -

Cereals	1.080.000	
Animal Proteins	225.000	
Fats and oils	67.500	
Perishable Vegetables	679.000	
Non-Perishable Vegetables	458.000	
Fruit-Misc.	225.000	
Fruit-Citrus	225.000	
Wine	521.000	
Salt	133.000	
Total	3.613.500	265

2. Figures are from compartment of Toscana and Marche and all provinces south; are an annual basis; are in metric tons.
3. The pattern of availabilities and requirements for each of the above groups should closely follow the pattern indicated in the December maps except for fruit and perishable Vegetables.

cc; Mr. Cleveland
Maj. Tooby

Kenneth E. Stauffer

KES/ga

HEADQUARTERS ALLIED COMMISSION
ECONOMIC SECTION

Ext. 503

10/04/ES

20 February 1945

SUBJECT: Italian First Aid Plan

TO : Transportation Sub-Commission
Att: Col. Sieff.

1. It is understood from our recent discussion that some statistical basis exists for allocating all movements to road, railway and sea transport. Also, that for estimating purposes it is possible to compute requirements for transportation facilities from the simple tonnages to be moved without regard to the precise origin and terminus of individual movements.

2. Pursuant to our discussion I am giving you below the simple tonnage figures for agricultural supplies to be moved in connection with a 1945 First Aid Program. Tonnage figures on other categories will follow quickly

FertilizersMetric tons

Ammonium Nitrate

88,005

Potash

85,255

2,750

Pesticides

Copper Sulphate

46,142

Copper Oxchloride

36,340

Sodium Arsenite

7,600

Lead Arsenate

50

Cryolite

883

Zinc Phosphide

45

Spray Oil Emulsion

24

Quassio Wood

200

Potassium cyanamide

800

200

Machinery

11,992

Grain Binders

1,840

Combines

300

Tractor plows

150

Hay balers

150

Tractors trailers

25

366

1, 230
3, 867
2, 020
300
1, 210
300

Tractors 30 HP
Tractors 45 HP
Tractors 30-45HP
Spare Parts
Binder Twine
Horse Shoe Nails

K. E. Stauffer.

CC: Agr. S/C

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Ext. 503

HEADQUARTERS ALLIED COMMISSION
ECONOMIC SECTION
APO 394

KES/ES

10.04/ES

20 February 1945

SUBJECT : Italian First Aid Plan

TO : Transportation Sub- Commission
Att: Col. Sieff.

1. I have now received the following additional agricultural, forestry and fishery supply tonnage figures: forestry supplies 80 tons; fishery supplies 10,000 tons; finished super phosphates 200,000 tons; ground sulphur for dusting 30,000 tons.

2. Recapitulating to include the above figures with the figures previously given you in my memo of this morning, we now have the following tonnage figures which constitute the total for agriculture, forestry and fishery supplies to be taken into consideration in our evaluation of the Italian Government First-Aid Program.

Fertilizers	288.005
Pesticides	76.142
Farm Machinery	11.392
Sub-Total for Agr. Supp.	375.539
Forestry supplies	80
Fishery supplies	10.000
TOTAL	385.619

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3. All figures are on an annual basis; all are expressed in metric tons and represent the tonnage to be moved, that is, the figures are not inflated with any consideration of multiple lifts which may be involved in one movement. Figures cover Toscana and all provinces south.

cc: Mr. Cleveland
Maj. Tooby
Agriculture S/C

Kenneth E. Stauffer
Supply & Resources Div.

HEADQUARTERS ALLIED COMMISSION
AFC 394
ECONOMIC SECTION

PWT:lrw

Tol.516

16 February 1945

Ref/Re/

SUBJECT: Joint Programming of Essential Italian Imports/1945
TO: Files

b. Following a meeting held in Rome on 13 Feb. 45 to consider how much of the joint programming should be included in Category "A" as having military justification, Lt. Col. A. Palmer of the CC C (A) drafted the following plan as a basis of judgment.

a) Provision will be made for internal distribution of food, derived from both farm production and imports, adequate to provide a basic ration of 2,000 calories.

b) For this purpose, it shall be assumed that for the present, food will be imported at the rate of 1,500,000 tons per year.

c) Provision shall also be made for internal distribution of shoes, clothing and household linen and blankets; agricultural, forestry and fishing supplies; medical and sanitary supplies; newsprint and supplies necessary for the administration of these provisions. Provision shall be made also for the import of either finished materials or raw materials to produce such supplies.

d) Necessary fuel, power, communications and transportation shall be provided for the production, processing and distribution of the above, and for necessary administration thereof.

HARLAN CLEVELAND
Executive Director
Economic Section

APPROVED

F. S. TOBY
Major, U.S.A.
Chief, Economic Analysis Branch
Supply & Resources Division

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