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ADMIN. INSTRUCTIONS
& MEMOS
DEC. 1943 - JAN. 1944

CEB 7/1/11

Admin. Instructions

1656

10000 / 150 / 704

THIS FOLDER
CONTAINS PAPERS
FROM DEC 43 -
TO JAN 44 -
CATALOGUE.

HEADQUARTERS
 ALLIED MILITARY GOVERNMENT
 APO 394

31 January 1944

SUBJECT: Jobs (Memo.)

TO : Electric Power Mission

1. Dismantling and shipment of Diesel electric sets at Bari.
2. Remodeling L.C.T. for power plant for use at Rome.
3. Removal of Diesel set from drydock and installation on L.C.T.
4. Preparing for shipment 2-10,000 KVA transformers at Ferrolite and shipping same.
5. Preparing for shipment 2-14,000KVA transformers at Bari and shipping same.
6. Repairing 1 - Diesel at Doganello.
7. Repairing 3-15,000 KW Turbines at Capuano-Boilers, transformers and switch gear.
8. Building 60 KV lines, Capuano to Volturmo line.
9. Repairing pylons Fratta Maggiore to Minturno.
10. Repairing 60 KW Transmission lines Fratta to Minturno.
11. Building Transformer station, Minturno.
12. Repairing Transmission line Minturno to Rome-Flans.
13. Rome Substation - Plans.
14. Repair of hydro generating unit at Matese.
15. Removing hydro unit from Sicily for installation at Matese.
16. Supervision of repair of power system in Sicily.
17. Dismantling and shipment of hydro electric unit now in Sardinia for installation in vicinity of Rome.
18. Repair Calore generating unit.
19. Removal and repair Calore generating unit for installation at Terni.

7026

28 Jan 44

TO: Col. Grodin

Room 40, AMG building.

FROM: G-4, PBS

C O P Y

CONFIDENTIAL

1758

HEADQUARTERS PENINSULAR BASE SECTION

26 JANUARY 1944

CONFIDENTIAL

PRIORITY

CG SOS NATOUSA

CG PBS, GCMF

SIGNED NACG

261111A

261711A

43140

NAENG, NAGDS

INTRODUCTION OF FLOATING POWER PLANTS IN TO THEATER IS SUBJECT. REFERENCE CABLES PBS 2902, L-7291 AND 752. HAVE THEATER REQUIREMENTS BEEN COORDINATED BETWEEN AMG AND SOS? REFERENCE IS MADE TO LARGE UNIT THE JOCOMA. SOS HAS ALSO RECOMMENDED THAT REQUEST BE MADE FOR LARGE FLOATING UNIT OF ABOUT 30,000 KW. ARE THESE PLANTS DUPLICATES FOR THE SAME PURPOSE. DESIRE REPORT ON A COORDINATED PLAN.

PBS DIST

INFO - ENG

TRANS

AMG HQ

G-4

SECY

CG

AMG DIST

(INFO) ECON DIV (2)

11203

CONFIDENTIAL

C O P Y

7025

CONFIDENTIAL

HEADQUARTERS PENINSULAR BASE SECTION

26 JANUARY 1944

CONFIDENTIAL

PRIORITY

CG SOS NATOUSSA

CG PBS, COMF

SIGNED NACG

261111A

261711A

43140

NAENG, NAGDS



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PBS DIST

INFO - ENG

TRANS

AMG HQ

G-4

SECY

CG

AMG DIST

(INFO) ECON DIV (2)

11203

702

CONFIDENTIAL

27 Jan
15

250530A
Form 1200

N-3729

RAD 1603

Signal Corps, United States Army
Telegram

ECON. DIR. (P)

SPD 3-10005

Received at

PENINSULAR BASE SECTION
SIGNAL MESSAGE CENTER

SECRET PRIORITY 19

25 JANUARY 1944

SECRET

PRIORITY

TO (ACTION) : CG PBS FOR FARGO FOR CISLER

(INFORMATION): NONE

FROM : SIGNED CINC

DATE TIME SIGNED: 241824A

DATE TIME REC'D.: 250530A

REFERENCE NR. : 42433

CITE : FHMGS



FOLLOWING IS PARAPHRASE OF MESSAGE RECEIVED FROM AGWAR. ONLY ~~PBS~~ *Engineer*
REQUISITION RECEIVED TO DATE FOR POWER EQUIPMENT WAS THAT SENT FORWARD
FROM ORAN TO PEMBARK INCORPORATING REQUESTS ITEMIZED PBS 2902 OF 21
DECEMBER. AGWAR REQUESTS INFORMATION AS TO WHETHER ANOTHER REQUISITION
FOR POWER EQUIPMENT HAS BEEN FORWARDED AND STATES NO REPLY HAS BEEN
RECEIVED TO 3 CABLES SENT ASKING FOR INFORMATION. READY TO PROCEED
PROMPTLY WITH PROCUREMENT WHEN QUESTIONS RAISED ARE ANSWERED.

*Action - AMG-H
Info - Eng
--- G-H
--- Secy
--- C. B*

List:

Gen Itin (2)

for

Σ 7023

FORM #18-A

CRYPTO

Kelchok

SECRET

10976

25 Jan
13

SECRET

1603

PENINSULAR BASE SECTION
SIGNAL MESSAGE CENTER

25 JANUARY 1944

SECRET

PRIORITY

CG PHS FOR PARGO FOR CISTER

NONE

SIGNED CINC

241824A

250530A

42433

FMAGS

FOLLOWING IS PARAPHRASE OF MESSAGE RECEIVED FROM AGWAR. ONLY REQUISITION RECEIVED TO DATE FOR POWER EQUIPMENT WAS THAT SENT FORWARD FROM ORAN TO FINEARK INCORPORATING REQUESTS ITEMIZED PHS 2902 OF 21 DECEMBER. AGWAR REQUESTS INFORMATION AS TO WHETHER ANOTHER REQUISITION FOR POWER EQUIPMENT HAS BEEN FORWARDED AND STATES NO REPLY HAS BEEN RECEIVED TO 3 CABLES SENT ASKING FOR INFORMATION. READY TO PROCEED PROMPTLY WITH PROCUREMENT WHEN QUESTIONS RAISED ARE ANSWERED

PHS DISTACTION- AMB HQ
INFO - C-4
SECY
C.G.AG DIST

ECON DIV (2)

7022

10976

SECRET5 Jan
13

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
APO 394

22 January 1944

SUBJECT: Floating Power Plants For The Italian Theatre.
TO: Brigadier Coxwell Rogers C.R.E. 15 Army Group.

1. There is in the United States, floating power generating plants as follows:

- a. 1-30,000 KW - 60 cye. - generating set complete with transformer-mounted on barge type craft drawing 8 ft. of water light. Would require hull revision for use overseas, now in use and not available
 - b. Generating unit identical with (a) probably in service and not available overseas.
 - c. Generating unit similar to (a) turbine is not complete - scheduled for completion about May 1944. This unit could be modified for operation at 42-45-50 cycles without very much delay, hull would require modification for over sea service, can be used only in quiet water. Estimate could be ready to leave the United States in June, can be made adoptable for use in Italian Theatre.
 - d. Generating unit similar to (a) except turbine modified for 50 cye. operation and hull modified for sea passage. Will not operate at 45 cycles. Will be completed and tested about March 1944, not adapted for use in Rome area and not available for use in other parts of the Italian Theatre.
 - e. The ship Jacona - containing 2- 10,000 KW 60 cye. steam turbine generating units with steam driven auxiliaries. It is possible that these units can operate at 45 or 50 cye. without modification but not certain. If so this plant could be made available for use in the Italian Theatre in a short time. If turbine modification is required it is estimated that the plant could be ready to leave the United States in May 1944.
2. If Rome is occupied within three months no equipment of this type can be made available at the time of occupation and the resources now available in Italy must be relied on to supply military and essential needs. This can be accomplished provided a suitable organization is set up to do it. In the absence of such an organization it is believed that the only power available in Rome for a considerable time will be that supplied by portable military units.

3. Power supply to the area north of Rome depends:

- a. The speed with which the area is conquered.

7022

- b. The extent of enemy demolition of power facilities.
- c. The effectiveness of the organization set up to rehabilitate the power systems. Under favorable condition power for military and essential civilian needs can be supplied quickly from Italian resources. If all factors are unfavorable no power will be available for an indefinite period.
- 4. The Italian resources of man, material and equipment, supplemented by the importation of a small amount of essential supplies are adequate to provide power for military and essential civilian needs in the area south of a line Leghorn-Ancona - provided they are properly exploited.
- 5. In consideration of the above it is my opinion that a floating generation plant is not required in the Italian Theatre and would be of little use if provided.

JAMES P. GROWDON COL. C. E.
Chief Electric Power Mission.

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
APO 394

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e. The ship Jacona - containing 2 - 10,000 KW 60 cye. steam turbine generating units with steam driven auxiliaries. It is possible that these units can operate at 45 or 50 cye. without modification but not certain. If so this plant could be made available for use in the Italian Theatre in a short time. If turbine modification is required it is estimated that the plant could be made ready to leave the United States in May 1944.

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7014

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JAMES P. GROWDON
Colonel CE
Chief, Electric Power Mission

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
APO 394

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b. The extent of enemy demolition of power facilities.

7017

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JAMES P. GROWDON
Colonel CE
Chief, Electric Power Mission

E P
D. E. S.

DIRECTOR U.S. Brig Gen

ASST DIRECTOR Br. Col.

FINANCE. US.Lt.Col.

EXECUTIVE. US. Col.

PERSONNEL U.S.Lt.Col.

PLANNING U.S.Lt.Col.

SUPPLY & MOVEMENTS
U.S. Lt.Col.

US. ASST Major

US. ASST Capt

ASST.Br.Major

ASST. US. Major

ASSTS. (4)
2 Majors, US
2 Capts. US

E P
D. E. S.

DIRECTOR U.S. Brig Gen

ASST DIRECTOR Br. Col.

7018

US.Lt.Col.

EXECUTIVE. US. Col.

ADJT. US.Capt (or Major)

PLANNING. U.S. Lt.Col.

ASST.Br.Major

ASST.US.Major

SUPPLY & MOVEMENTS
U.S. Lt.Col.

ASSTS. (4)
2 Majors, US
2 Cpts. US

OPERATIONS
U.S. 2 Lt.Cols. & 2 Majors
Br. 2 Lt.Cols. & 2 Majors

SUBJECT: W.E. of Directorate of Electric
Power Service.

Headquarters
A. C. M. F.

2550/1/RE

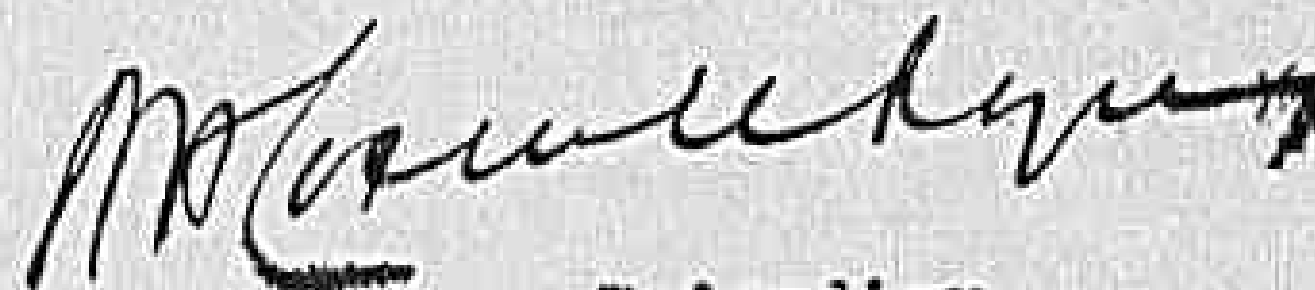
19 Jan 1944.

Col. J.P. Growdon, Chief of Electrical
Power Mission, c/o A.M.G., C.M.F.

The proposed W.E. of the Directorate of Electric Power Service as submitted by you recently, has been examined both by the D.C.A.O. (Maj.-Gen. B.H. Robertson) and myself. Attached is a copy of D.C.A.O.'s comments on these proposals.

In view of these comments and in accordance with my own general ideas on the subject, I attach a proposed T.O. for your consideration.

I would be glad to arrange a meeting with you and Lt.Col. W.A.R. Smith at an early date to discuss this matter and suggest that you telephone my office to arrange an appointment convenient to all.



Brigadier,
Chief Engineer.

Copy to: Lt.Col. W.A.R. Smith
c/o D.D.W., A.F.H.Q.
Adv Adm Echelon.

Maxwell Rogers

Encl. 1: Copy of DCAO 59/8Q of 28 Jan.
2: Proposed T.O., D.E.P.S.

701

C O P Y

Headquarters
A.C.M.F.Subject:- Electric Power Directorate.

59/8Q.

28 Jan. '44.
-----Chief Engineer.

I have reviewed the proposals put forward by Colonel Growden regarding his staff and left with me by you.

I am rather alarmed by the size of staff contemplated and should be glad if you would talk the matter over with Colonel Growden further. Naturally, I want to see Colonel Growden fixed up with adequate staff to do his job. At the same time, it will only delay matters if we put forward proposals which are not approved because of the number of officers involved or of their ranks.

Having in mind the responsibilities of this new Directorate relative to those of our other Directors, I think that we should be content to start on the level of full Colonel as Director and adjust other ranks accordingly.

It is difficult for me to criticise the proposals in detail, but I should like you to study them with Colonel Growden carefully, particularly in order to ensure that there is no overlapping between the proposed organisation and the work done by existing branches. I have in mind particularly the questions of stores and labour. While appreciating that Colonel Growden will require a small staff to act as his means of contact with the Services responsible for the supply of stores and labour. I do not think that it should be necessary for him to set up any form of duplication of those Services.

I am sure that you and Colonel Growden will understand that this new organisation, involving, as it must, the absorption of a considerable number of highly technical personnel will be scrutinised very carefully by higher authority, and we must, therefore, be quite sure of our ground before we put it forward. Later on, as the Service expands and our advance progresses, bringing wider areas under our control, it may well be that an augmentation of our original ideas will prove to be justified.

(Sgd) B.H. Robertson

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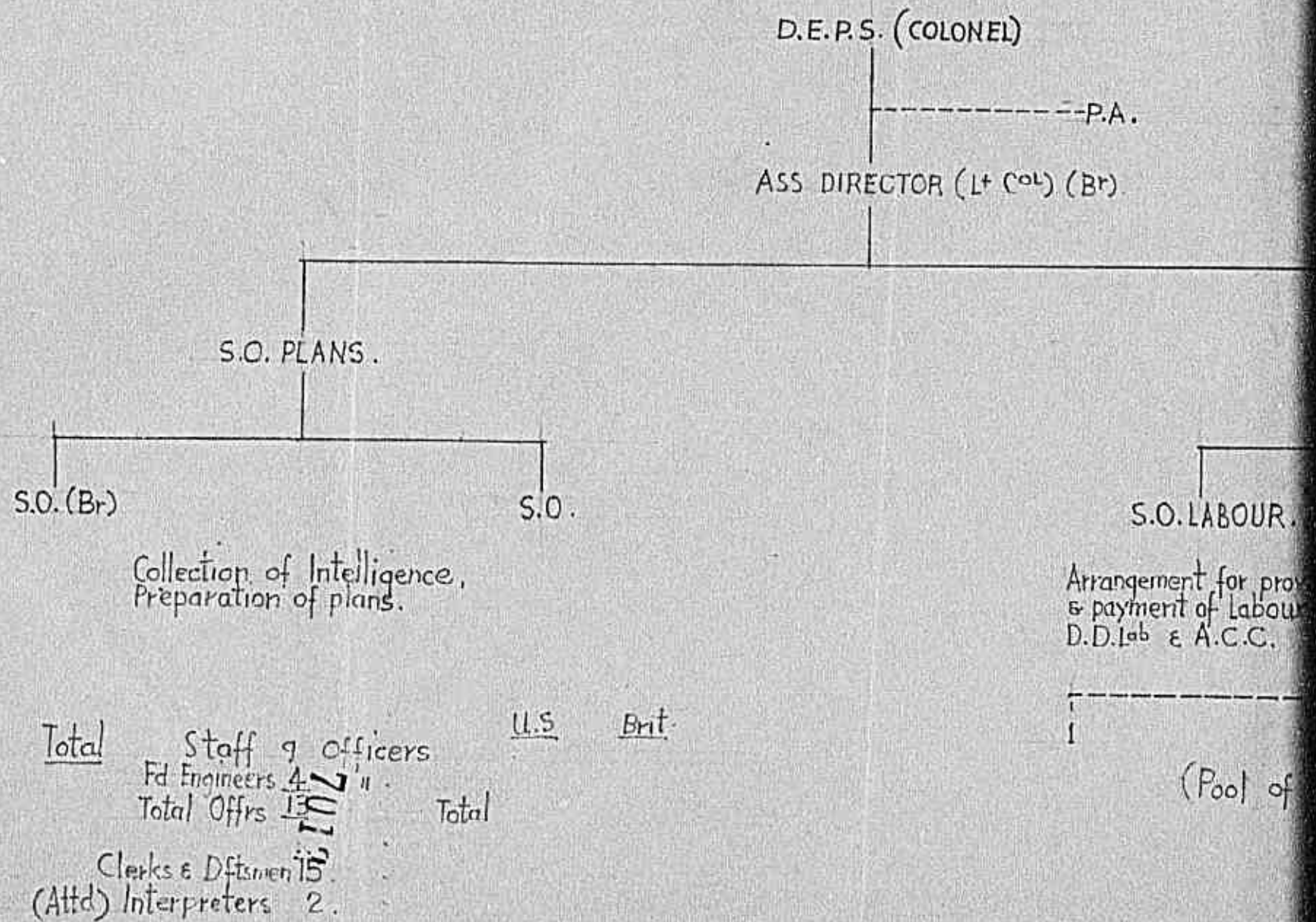
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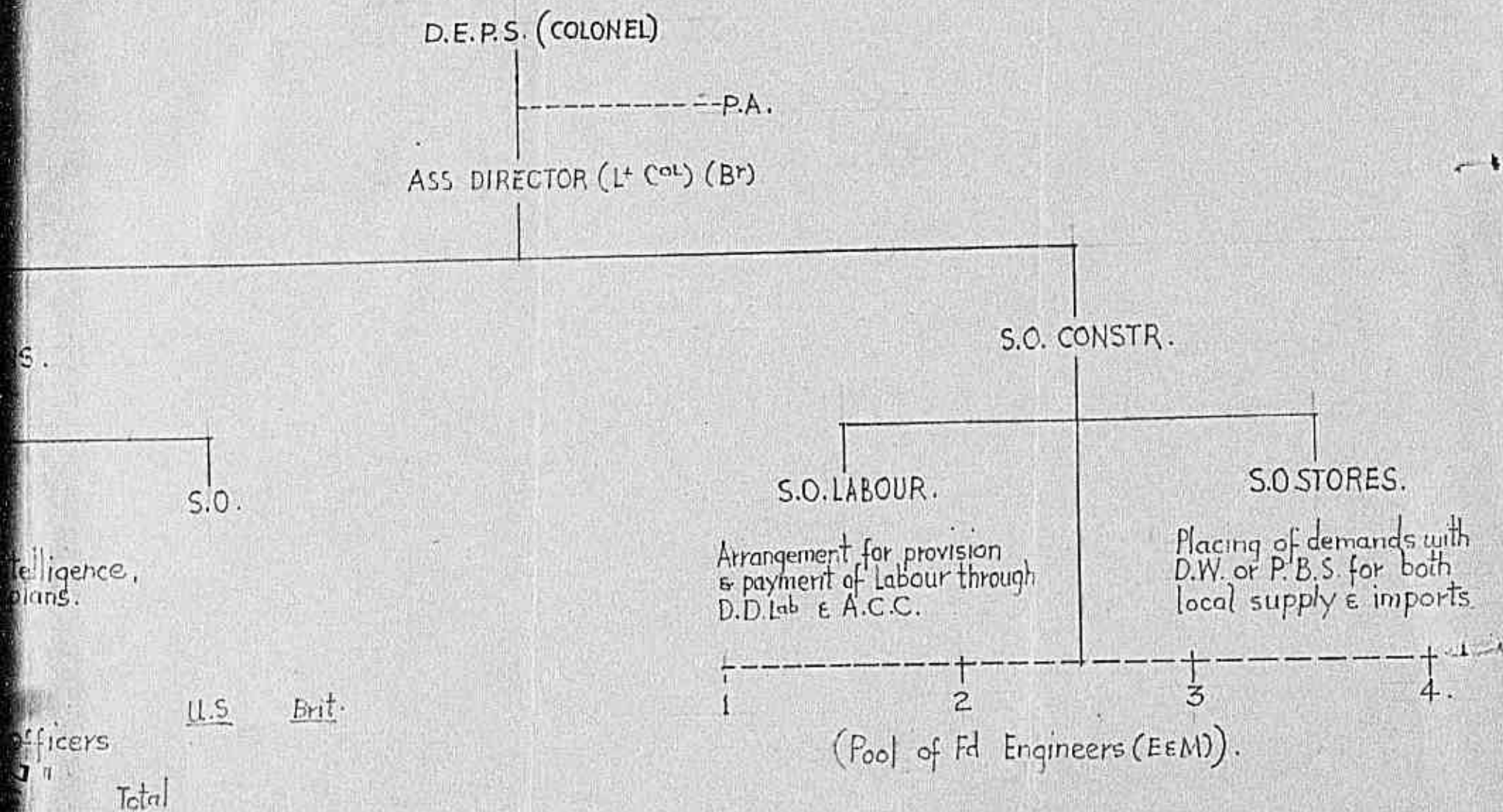
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BHR/emb.

(Sgd) B.H. Robertson

Major-General,
Deputy Chief Administrative Officer.

ORGANISATION OF D.E.P.S.

ORGANISATION OF D.E.P.S.

C O P Y

ENGINEER SERVICE

20 Dec 43

SECRET

10286

PRIORITY

SOS, NATOUSA

Edited Literal

PBS 2945 Experience indicates that almost complete destruction by the enemy of power plants, substations and transmission lines may be expected as he withdraws to north. Reference your radio L-1132 cite SENG-3117. In collaboration with Lieutenant Colonel Walker L. Cisler of War Department and formerly of WPB it has been determined that 6,000 KW of emergency diesel electric power plant capacity will be required for essential military and civilian needs as advance continues. Request shipment by first available transportation of following which are said to be readily available in United States if diverted from other purposes for which manufactured; 3 each 1,000 KW diesel electric plants complete with auxiliary equipment suitable for installation 1 each on an LCT; each plant to consist preferably of 1 set but in no case more than 3 generator sets and to be shipped as completely assembled as handling with ships' tackle will permit; foundation base to be suitable for easy mounting in the field on LCT deck; generators to be equipped to operate at 42, 45 and 50 cycles with initial operation at 45 cycles; transformers, switching equipment and 300 foot lengths of flexible power cable leads to provide 9,000 volts plus or minus 5% at each frequency for connection to primary distribution lines required; no fuel storage required; all equipment for each of the 3 floating plants to be shipped as a unit but only 1 unit to be shipped on a single cargo ship. Further request 3,000 KW of portable or

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mobile diesel engine generators in sizes of 200 KW to 400 KW each; transformers, switching equipment and 300 foot lengths of flexible power cable leads for connection to secondary distribution lines at 127/220 volts and 150/260 volts at 42, 45 and 60 cycles with initial operation at 45 cycles required; sets to be equipped for parallel operation and mounted on rubber tired trailers; shipment of portable sets not to be delayed because of lack of trailers. Further request 6 line trucks of 2 to 5 ton capacity completely equipped for making emergency connections and transmission line repairs. Also require 3 LCT or equivalent barges for mounting 1,000 KW plants. Further require services of 5 officers and 75 enlisted men with necessary experience for installation, operation and maintenance of generators and auxiliary equipment and repair of power and transmission lines.

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ADMINISTRATIVE INSTRUCTIONS "A" III
AND MEMOS

TO DO

1. 1. 1.