

M.F

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6th June, 1963

NATO CONFIDENTIAL
DOCUMENT
MBC-M(63)237

MILITARY BUDGET COMMITTEE

NATO FUNDED CIRCUITS FOR THE INKAR. TURKEY, EARLY
WARNING EVALUATION CENTRE

Note by the Secretary

Attached is the additional justification referred to on Page 2 of the Supplement IV to the ACE Leased Long Line Circuit Programme 1963 (MBC-M(63)203).

(Signed) J.M.C. GEVAERTS

SUPREME HEADQUARTERS ALLIED POWERS EUROPE
PARIS, FRANCE

5100/15-2

29 May 1963

SUBJECT : NATO Funded Circuits for the ANKARA, Turkey
Early Warning Evaluation Centre

TO : See Distribution

REFERENCE : A.O- MBC-4(63)87, 4 March 1963

1. Reference indicated any decision on the SHAPE request to reinstate early warning (EW) circuits to the Sector Operations Centre (SOC) ANKARA, Turkey Evaluation Centre (EC) would be deferred pending submission of additional justification by SHAPE, which is the purpose of this letter.

2. It was hoped that, as a result of the reorganization of Turkish air forces, the ANKARA EC could be deleted. However, this has proved to be impractical because of operational and communications considerations.

3. As well established by years of operational practice, the NATO Europe EW System collects radar information by voice reports to ECs from both national radars and from NATO funded EW radars. The first of the NATO EW radars commenced full operational reporting in 1962 but all 17 will not be fully operational until 1964. The ECs then transmit evaluated EW data directly to the SHAPE Operations Centre (SHOC) over NATO funded communications. Most of the EW data provided to SHOC to date has come from national radars. Even after all the NATO EW radars are fully operational, national radars will continue to inject significant EW data into the NATO EW System.

4. The source of EW data in Turkey is three ECs at SOCs ESKISEHIR, ANKARA, and DIYARBAKIR. Normally, it is operationally impractical to have more than about six radar stations manually reporting to one SOC. Following is a tabulation of the radar stations reporting to the Turkish ECs as of 1 June 1963. The radar stations are all national, except those marked (N), which are NATO EW radars.

<u>ESKISEHIR (Area 45)</u>	<u>ANKARA (Area 47)</u>	<u>DIYARBAKIR (Area 49)</u>
Luleburgaz	* Anasra/Bartin	* Perembe
Sile	nyanoik	* Pazar
Izmit	ahatlib-1	* Mar-din
Canakkale		Merzifan
Kutahya		Sarkisla
		Iskenderun

In particular Luleburgaz and Sile provide valuable coverage of the Turkey/Bulgaria border.

5. It is expected that by November 1963, the ACE HIGH Forward Scatter System will become the primary communications means for voice reports from the NATO EW radars to ECs and for Link 3 reports from the ECs to SHOC. Following is a tabulation of the planned reporting assignments from the Turkish NATO EW radars to the ECs by ACE HIGH voice circuits.

<u>ESKISEHIR</u>	<u>ANKARA</u>	<u>DIYARBAKIR</u>
Anasra	Perembe	Pazar
		Mardin

In addition, arrangements have been completed for the UK national radar site at Cape GATA, Cyprus to report EW data to ANKARA EC via the ACE HIGH voice circuits originally scheduled for use by the cancelled NATO EW radar at Cape GRECO. These plans are relatively inflexible, because the capacity of ACE HIGH is limited east of ANKARA (between SIVAS and DIYARBAKIR).

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6. When the ACE HIGH circuits in paragraph 5 are in operation, it is planned that the full period leased PTT circuits be retained as alternate communications in accordance with MC 61/1. It will be essential for such leased circuits to terminate exactly as the primary ACE HIGH circuits.

7. Following is a tabulation of the desired reporting responsibilities for all radars providing significant EW data in Turkey and Cyprus.

<u>ESKISEHIR</u>	<u>ANKARA</u>	<u>DIYARBAKIR</u>
Amara	Perembe	Pazar
Malburgas	Yancik	Mardin
Sile	Matlibel	Merzifan
Ismit	Cape Gata	Sarkisla
Canakkale		Iskenderun
Kutahya		

8. It is therefore requested that the following changes in leased PTT circuits be authorized.

- a. Reterminate the AMARA (F 080672) voice circuit at ESKISEHIR instead of ANKARA, estimated installation cost: 2,300 F;
- b. Terminate the PEREMBE (F 080670) voice circuit at ANKARA instead of DIYARBAKIR, no additional cost required;
- c. Reinstate ANKARA voice circuits, numbers F 080005 as P0, F 080006 as P1, and F 080373 as U0, to IZMIR, estimated respective costs for balance of 1963: 40320F (LEP), 3465F (RCP), 3465F (RCP); (circuits in a, b, and c, above to be included in LLP-RCP-63 Supplemental IV);
- d. Reinstate the ANKARA Link 3 Data circuit T 912443 to SHOC, estimated cost for 1963: 170,400F (already included in LLP-63 Supplemental IV).

M. Duran
J. J. JULAT
Chief, Budget & Finance

<u>DISTRIBUTION:</u>	<u>English</u>	<u>French</u>
<u>ACTION:</u>		
SEC GEN NATO (thru SGREP) (Attn: Chairman, NBC)	75	50
<u>INFO:</u>		
SGREP	5	5
CINCSOUTH	5	-
COM IRSOUTH	5	-
COMSILATOP	5	-
<u>SLIP:</u>		
CANDE	4	-
OPS	2	-
BUDFIN	2	-
PANDE	2	-
ADEF	15	10
SECY	1	1
CENTRAL RECORDS	1	1
	<u>122</u>	<u>67</u>

FRENCH TRANSLATION FOLLOWS