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26 APR 1982

C-49, 702/DC-48

/Mr. McGarey/43511/bbm/21 April 1982 (WPE)

MEMORANDUM FOR THE SECRETARY OF DEFENSE

SUBJECT: GREEN ECHO - INFORMATION MEMORANDUM (U)

1 DC-4B

2 DC-4

3 ESO

4 CS

5 DD

(C/NOFORN/WNINTEL) GREEN ECHO is the UNCLASSIFIED nickname assigned to a tri⁴ Service team which returned in mid-March from exploiting Soviet materiel in Somalia. The team achieved a high degree of success, particularly in access to technical documentation. Highlights were:

a. (C/NOFORN/WNINTEL) Identification/technical details on a previously unknown integrated fire control system for the Soviet K-19 100MM AAA gun system.

b. (C/NOFORN/WNINTEL) Confirmation of a Soviet radio proximity fuze designated AR-21 (for the K-19 system). Sketchy information relating to the fuze over the past twenty years was confirmed by documents examined and copied.

c. (C/NOFORN/WNINTEL) Most significant communications item, seen previously only in Warsaw Pact countries, was the P-299M3 radio distribution van, used at a headquarters to provide multi-channel voice and teletype communications.

d. (C/NOFORN/WNINTEL) Identified a IRL 39 variant of the FLAP WHEEL AAA fire control radar, the first sighting or knowledge of this radar.

e. (C/NOFORN/WNINTEL) Secured documentation and photography of a naval coast surveillance radar of considerable interest to the U.S. Navy.

f. (C/NOFORN/WNINTEL) Acquired extensive knowledge of Somali electronic order-of-battle and readiness capability.

g. (C/NOFORN/WNINTEL) First opportunity to examine, photograph and exploit a new Romanian 21-tube, 122MM multiple rocket launcher. Previously seen only in two poor parade photographs, required information on this system is now complete.

h. (C/NOFORN/WNINTEL) First look at the UAZ-452T, a second generation Soviet topographic survey vehicle representing early 1970's technology in land navigation.

Coord:
DC-4 Cy
DC Cy
Director's Cy
Coordination Cy
Stayback Cy

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Review on 21 April 2002
Reason 2.301.c.3

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i. (C/NOFORN/WWINTEL) First look at an ECM trainer van, used to train and evaluate performance of SA-2/SA-3 guidance and control personnel.

j. (C/NOFORN/WWINTEL) Collected 1803 technical documents, 99% in Russian, of which 765 were photocopied on the spot. The remaining 1038 were obtained on six-month loan for reproduction and further study in CONUS prior to return to Somalia.

(C/NOFORN/WWINTEL) Access and in-country team movement was arranged by USDAO Somalia. Host cooperation was outstanding throughout.

SIGNED
JAMES A. WILLIAMS
Lieutenant General, U.S. Army
Director

77.7

02/14/05

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