

June 1976

Notes on April 1976 South African Visit to Israeli Scientific and Technical Intelligence Organization (LAKAM)

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Summary:

Information on the organization, activities, and equipment of Israeli Bureau of Scientific Relations.

Credits:

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Original Language:

English

Contents:

Original Scan

FROM
520/3/4/6 v.1

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DD JUNE 1976.

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VISIT NO 19. DAY AND DATE OF VISIT : FRIDAY, 2 APRIL 1976
ORGANISATION VISITED : SCIENTIFIC AND TECHNICAL INTELLIGENCE
ORGANISATION *DBA*

SUBJECTS OF VISIT

<u>Subject</u>	<u>Mode</u>	<u>Approx. Duration</u>
[REDACTED]	Discussion	2 hours

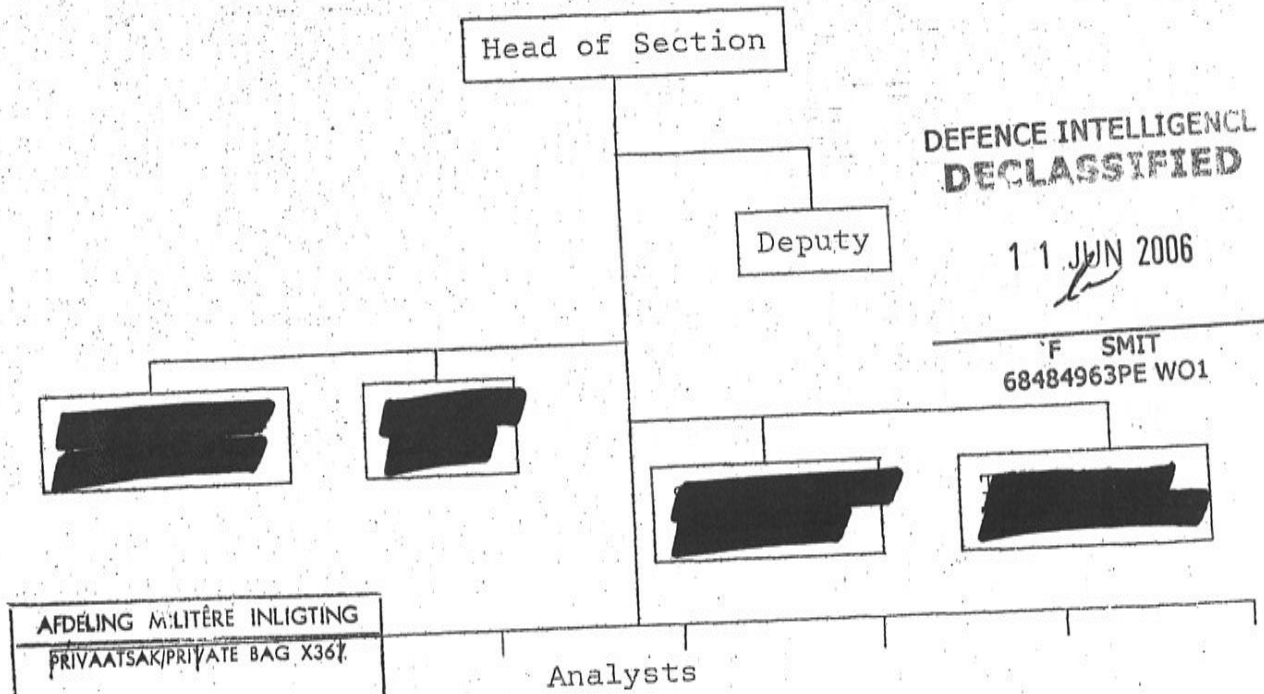
Persons Met

<u>Name</u>	<u>Title</u>	<u>Affiliation</u>
Lt Col D. Benaya ("DUDU")	[REDACTED]	IDF

ORGANISATION - [REDACTED] OF THE

1. Lt Col D. Benaya is the present head of this section.

Fig. 16



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SUB-SECTIONS

2. a. Artillery
- b. Armour
- c. Infantry
- d. Civil Engineering
- e. Mechanical Engineering
- f. Ordnance
- g. Electronic Engineering
- h. Optics
- i. Missiles
- k. Equipment Procurement
- l. Industry and Mil Industry
- m. Physics (including Nuclear)
- n. Biological Warfare
- o. Chemical Warfare
- p. Military Medicine
- q. Logistics

3. Each group is staffed by 2 to 3 analysts - never more than 5.

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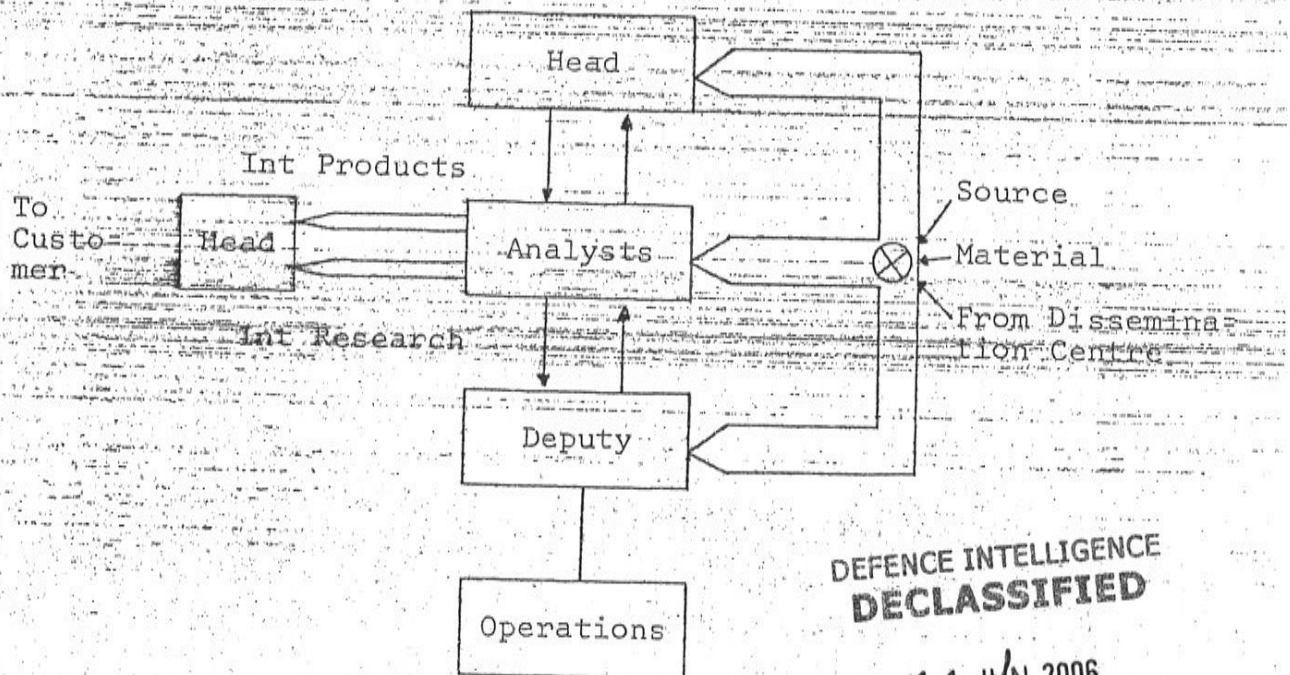
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DATA FLOW

Fig. 17

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SECTION ACTIVITIES

4. The section primarily concentrates its efforts on the [REDACTED]. A continuous survey is maintained of the weapon acquisition programmes of other countries in the ME, particularly on those countries which are potentially hostile. New weapons are initially analysed as a single item and then scrutinized with a view to determining how they can be deployed as part of a system eg anti-tank missile fitted to a helicopter. The likely effect of the weapon system on tactics is also examined. This work forms a vital part of the long term planning activities of the IDF.

SOURCE MATERIAL

5. The majority (90%) of the source material becomes available from [REDACTED]. The remainder is obtained by [REDACTED]. Analysts are used to sort and file material. Unwanted

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information is returned to the Dissemination Centre for destruction.

PROGRAMME PLANNING

6. A research programme is normally planned on an annual basis. However, many intelligence requirements are of a short reaction ad hoc nature. The section then operates in a similar manner to a newspaper research office.

INFORMATION RETRIEVAL

7. The [REDACTED] Lt Col Benaya considers that present MIS Programmes available on the open market such as IBM's STAIRS - do not meet their requirements and at this stage a change is not envisaged.

PRESENTATION OF MATERIAL

8. Material is normally presented in as an abbreviated manner as possible. The origin and reliability of sources is always indicated on reports. However, raw source material is never passed on to the customer if it originates from a covert source.

PROFILE OF A TECHNICAL ANALYST

9. The qualities expected from an analyst are:
- Individualism - He must be capable lateral thinking and be self motivating.
 - High IQ.
 - Facility with languages - At least one additional language over and above English and Hebrew is required.
 - Appropriate military experience - Junior analysts

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should have had at least one field appointment.

Senior analysts normally have had considerable

operational experience and are senior majors on

Lt Colonels.

VIEWING OF CAPTURED MILITARY EQUIPMENT

10. Subsequent to the discussion with Lt Col Benaya the group was taken to the Intelligence School north of Tel Aviv to view military equipment captured during the past Arab/Israeli wars.

LIST OF EQUIPMENT VIEWED

11. Details on these equipments are available to the RSA if required:

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- (1) T-34 Soviet Tanks
- (2) T-54 Soviet Tanks
- (3) T-62 Soviet Tanks
- (4) J.S.U. Command Vehicle
- (5) M-240 Heavy wheeled mortar (131 kg bomb)
- (6) J.S. Engineering Vehicle
- (7) 5 tonne amphibian
- (8) PTS amphibious tracked vehicle (with ABC protection)
- (9) BTM-3 Ditch digger
- (10) Egyptian T.54 chassis SP 130 mm gun
- (11) "Dinosaur" T-34 chassis SP 155 mm gun
- (12) Folding commando boat - capacity about 25 troops fully equipped. Can be carried.

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(13) Frog 7 Missile: 70 km range

800 m CEP

450 kg warhead

(Note: Mention was made that these missiles were supplied to the Arabs in the "fitted for nuclear" condition, ie internal wiring etc for the installation of nuclear warheads included.)

(14) BTR-60 APC amphibian

(15) BMP-1 Amphibious APC w SAGGER missiles, 7,62 mm m.g. and Bazooka. ABC protected. Fighting vehicle, very easy to drive, tracked, periscope for each soldier.

(16) BRDM-2 with 14 SAGGER missiles.

(17) BRDM-2 Command vehicle with 14,5 mm and 7,65 mm m.g.'s

(18) T-55 with "Western" ie small diam. trunnion

(19) Czech Topaz APC

(20) Soviet BTR equivalent to above.

(21) Egyptian-made 240 mm terrorist Katyvsha

(22) North Korean 4 barreled 14,5 mm A-A m.g. turret

(23) A-A artillery command post with range finder and analog computer

(24) ZPU-1 A-A gun

(25) Chinese recoilless gun 92,5 kg shell (supplied to terrorists)

(26) Magirus Deutz pontoon bridge vehicle

(27) KMV (Russian) bridge vehicle on ZIL

(28) Russian TMM Bridge vehicle

(29) GSF amphibious ferry

(30) SAGGER Training simulator vehicle

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- (31) SCHMELL Training simulator vehicle
- (32) Land navigator jeep similar to Sperry land Rover for desert navigation
- (33) Multi-purpose optical system ie telescope, range-finder, theodolite
- (34) Russian night vision equipment active and passive
- (35) "SAGGER" w. infantry launcher and control systems
- (36) Various and many chemical warfare countermeasures ie personal first aid packs special clothing and masks

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