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NATIONAL PHOTOGRAPHIC  
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# Summary Report

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(See inside cover)

## FROG-7 ORGANIZATION AND DEPLOYMENT, SYRIA (S)



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**DISSEMINATION CONTROL ABBREVIATIONS**

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
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**FROG-7 ORGANIZATION AND DEPLOYMENT, SYRIA (S)**

(TSR) This report summarizes the organization and deployment of the FROG-7 tactical artillery rocket forces in Syria. [redacted] 25X1

[redacted] 25X1

(S/WNINTEL) [redacted] The first unit identification of FROG-7 tactical artill25X1 rocket forces in Syria was at the Al Qutayfah Tactical SSM Storage and Training Facility

[redacted] Figure 1), 25.4 kilometers northeast of Damascus, on photography [redacted] 25X1

[redacted] Based on a Soviet FROG table of organization,\* the 33 FRO25X1 transporter-erector-launchers (TEL)/resupply vehicles observed were believed to equate to five or six FROG-7 battalions.

(S/WNINTEL) In mid-1975 construction was started on five groups of underground, drive-in vehicle storage buildings at the Al Qutayfah Facility. Each of these groups contained six buildings and was being constructed adjacent to existing FROG-7 unit vehicle parking areas. Each parking area contained two FROG TELs, two BREAD BIN meteorological (met) radars, one "Robotron" computer vehicle, and support vehicles. FROG resupply vehicles were parked within the areas in revetments in groups of four. From this grouping of vehicles and buildings, it was believed at that time that the Syrians had organized five FROG-7 battalions of two batteries each, each battery consisting of one TEL and two resupply vehicles.

(S/WNINTEL) Prior to November 1975 a sixth group of six underground, drive-in vehicle storage buildings was completed. [redacted] thirty-six buildings had bee25X1 completed and were in the process of being earth covered. Two FROG-7 resupply vehicle parking and support areas had also been established, one on each side of the facility. The support equipment found in each area was the same as the equipment usually associated with the support and maintenance units of a FROG-7 battalion (Figures 2 and 3).

(SECRET/WNINTEL/SPOKE) [redacted] the Syrians conducted a FF25X1 live-fire training mission. The FROG battalion involved in the mission consisted of three batteries, each battery having two firing sections.\*\*

(TSR) Continuing analysis of imagery from November 1975 through September 1977 showed no further change in the deployment pattern of equipment or vehicles at Al Qutayfah Tactical SSM Storage and Training Facility (Figure 4). Based on this analysis it is believed that the organization of the Syrian FROG-7 Tactical Artillery Rocket Forces consists of two FROG-7 battalions. Each battalion (Figure 5) consists of a headquarters section, a communications platoon, a technical platoon, a maintenance platoon, and three FROG-7 batteries. Each FROG-7 battery consists of a headquarters section, two meteorological platoons, two survey sections, and two firing sections. Each firing section consists of one FROG TEL and two resupply vehicles.

[redacted] 25X1

\*DIA DDI-1100-2-75, *Soviet Ground Force Organization Guide*, Jun 75 (S [redacted]) 25X1

[redacted] 25X1

[redacted] 25X1  
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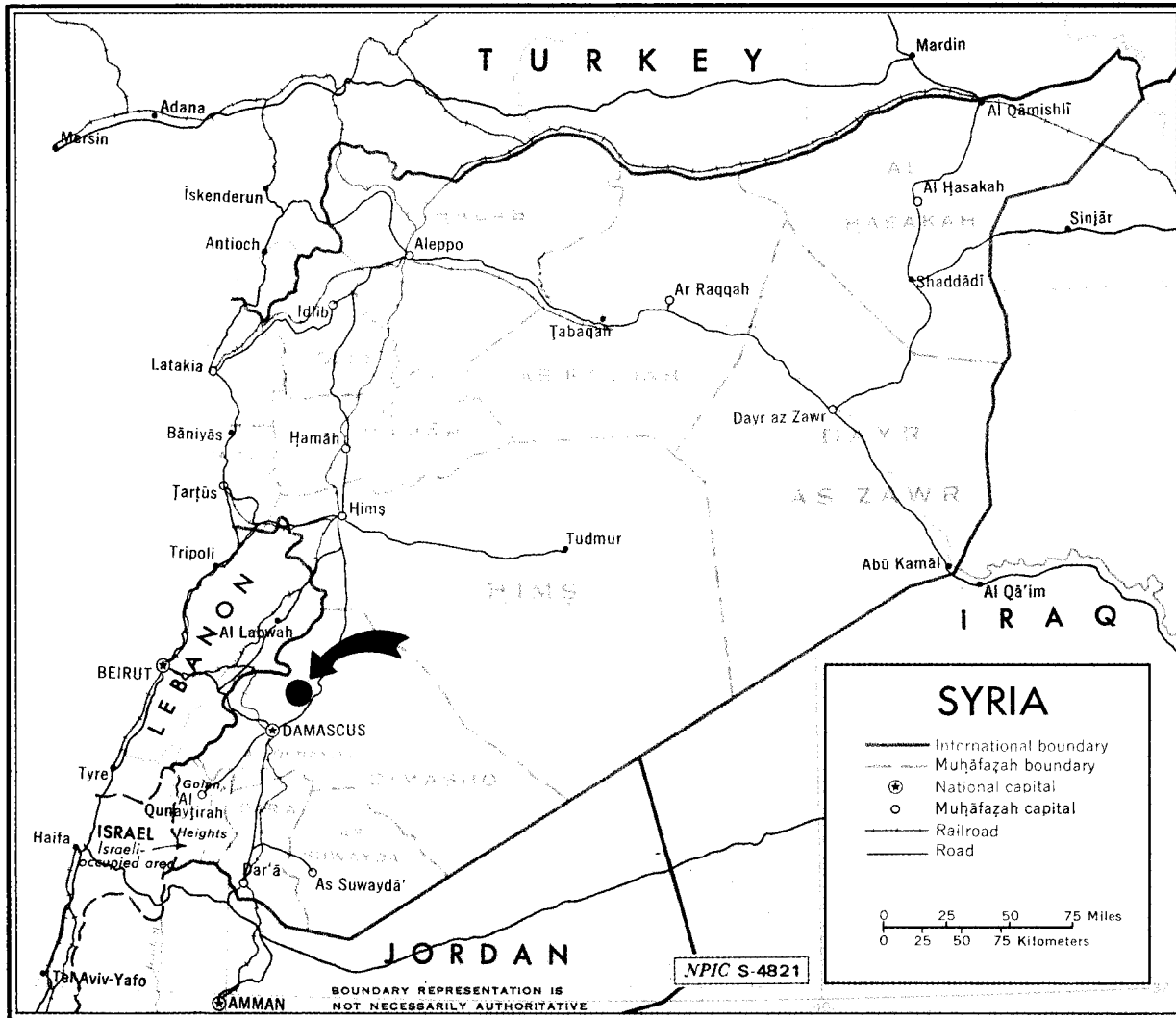


FIGURE 1. LOCATION OF AL QUTAYFAH TACTICAL SSM STORAGE AND TRAINING FACILITY, SYRIA

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## List of Conversion Factors by Classification

### UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

### UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

### UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

### UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

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