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INTEGRATED NUCLEAR CONSIDERATIONS BRIEFING - OVERVIEW

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OF NUCLEAR PLANNING (U) JAVCOR ALEXANDRIA VA

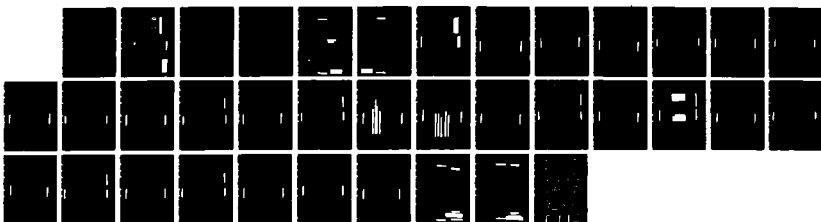
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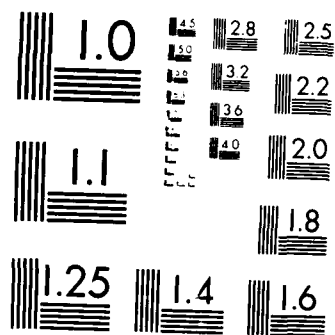
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INTEGRATED NUCLEAR CONSIDERATIONS:
BRIEFING - OVERVIEW OF NUCLEAR PLANNING AND EXECUTION
IN EUROPEAN CENTRAL BATTLE

JAYCOR
205 South Whiting Street, Suite 500
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4 December 1980

Final Report for Period 1 April 1980-19 May 1980

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Prepared for

Director

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Washington, D. C. 20305

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OVERVIEW OF NUCLEAR PLANNING AND EXECUTION IN EUROPEAN CENTRAL BATTLE

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PURPOSE: DEMONSTRATE THE GENERAL THOUGHT PROCESS OF A NUCLEAR PLANNER IN EUROPE, BOTH IN THE PLANNING AND EXECUTION PHASES OF APPLYING NUCLEAR WEAPONS AGAINST FIRST ECHELON REGIMENTS OF A W.P. DIVISION IN THE BREAKTHROUGH POSTURE.

12

1



PURPOSE

ILLUSTRATE NUCLEAR PLANNERS' THOUGHT PROCESS IN:

- PLANNING PHASE,
- EXECUTION PHASE,

OF ATTACK OF WP FIRST ECHELON REGIMENTS OF BREAKTHROUGH DIVISION.

[REDACTED]

MACRO TERRAIN ANALYSIS

IN CONCERT, • G2;

• G3; AND

• NUCLEAR PLANNER

IDENTIFY ON MAP,

• NATURAL AND MAN MADE OBSTACLES;

• PROBABLE ENEMY OBJECTIVES; AND

• RESULTING AVENUES OF APPROACH (TO INCLUDE SIZE UNIT ACCOMMODATED).

LEFTMOST RECTANGULAR BOX LIES ABREAST AN AVENUE CAPABLE OF ACCOMMODATING
2 W.P. REGIMENTS.

A hand-drawn tactical map showing military units and positions. The map includes labels for 'BN' (Battalion), 'REGT' (Regiment), and 'COMP' (Company). It also features a grid system with letters 'A' through 'I' and numbers '1' through '9'. Handwritten notes include '3 (GE)', '10 (US)', and '10 (US)'.

[REDACTED]

NOTIONAL THREAT DEPLOYMENT

MR DIVISION 1ST ECHELON REGIMENTS:

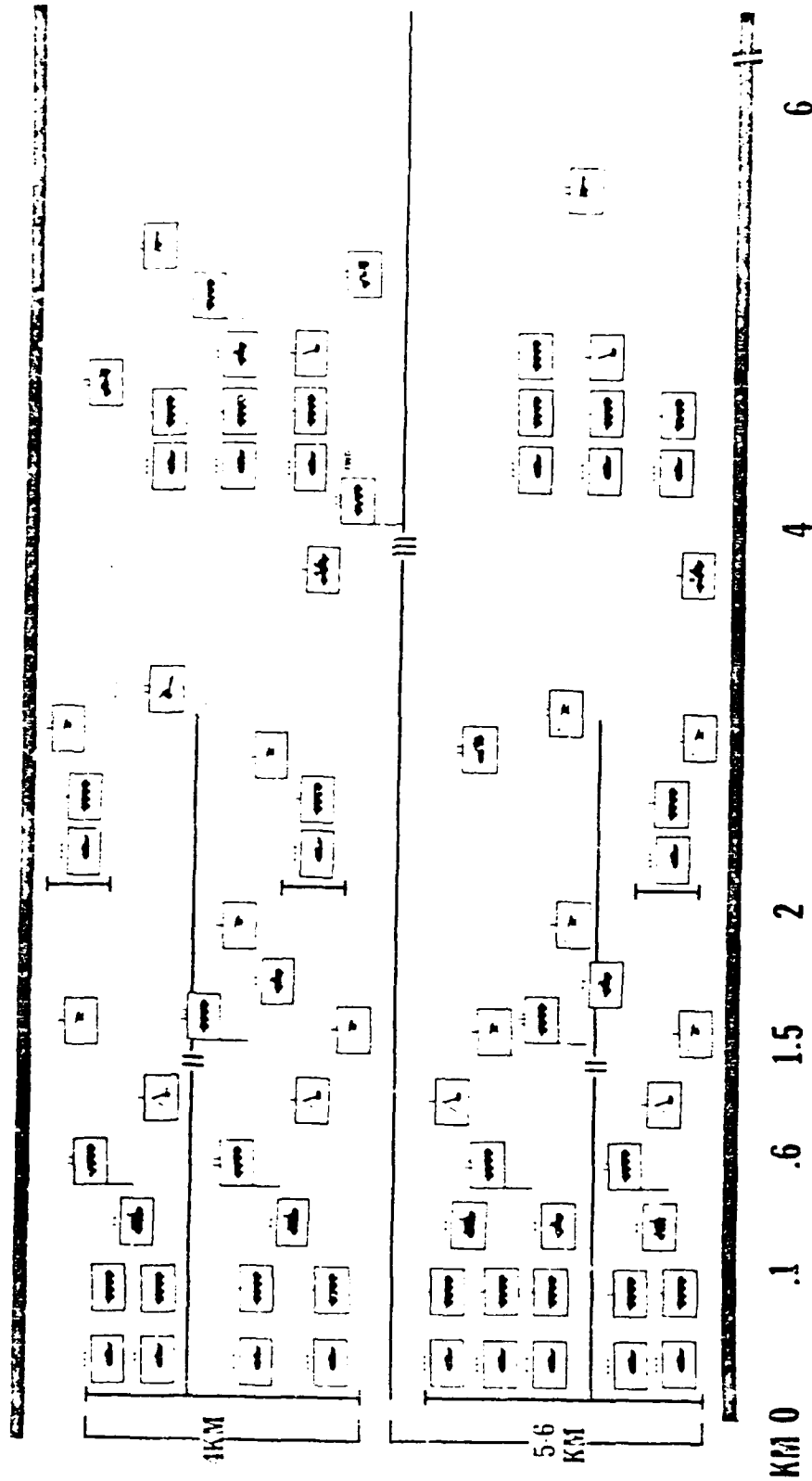
- CONTAIN NEARLY 60 COMPANY/BATTERY SIZE UNITS DEPLOYED IN:
 - WIDTH AND
 - DEPTH
- AVERAGE 1 TARGET PER SQUARE KILOMETER

REINFORCED MR COMPANY

-  ARTILLERY BATTERY, TOWED 122MM
-  ARTILLERY BATTERY, TOWED 130MM
-  ARTILLERY BATTERY, SELF PROPELLED 152MM
-  ARTILLERY BATTERY, TOWED 152MM
-  MULTIPLE ROCKET LAUNCHER BATTERY
-  MORTAR BATTERY
-  AIR DEFENSE UNIT
-  HEADQUARTERS/COMMAND POST

NOTIONAL THREAT DEPLOYMENT

(MRD 1ST ECHELON REGTS)



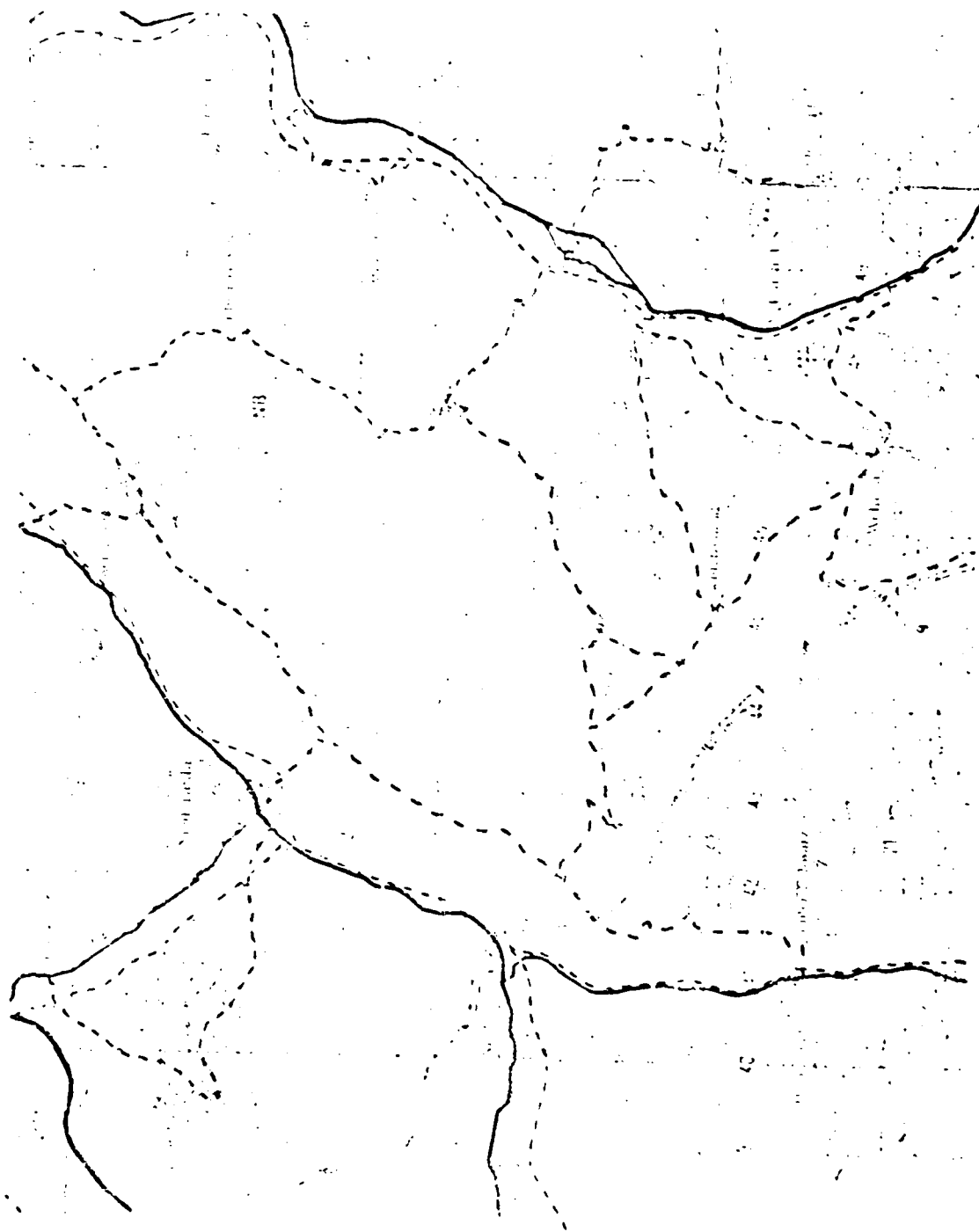
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AKLA OF OPERATIONS

COMMANDER/STAFF:

- POSTULATE PACT FORCED NATO UNITS TO LEAVE DEFENSIVE POSITIONS AT HANNE AND REGROUP AT FULDA RIVER.
- RECOGNIZE THAT IF PACT ESTABLISHES BRIDGEHEAD ACROSS FULDA, NUCLEAR WEAPONS MUST BE USED TO MAINTAIN DEFENSE.

AREA OF OPERATIONS



[REDACTED]

SAFETY

ESTABLISH SAFETY CRITERIA.

- NEGLIGIBLE RISK TO UNARMED EXPOSED PERSONNEL.

DRAW LINES ON MAP.

- DGZS OF WEAPONS CANNOT BE LOCATED ON FRIENDLY SIDE OF RESPECTIVE SAFETY LINE.

SAFETY

6140
(14)(3)

[REDACTED]

POSTULATED ENEMY DISPOSITION

ARRAY THREAT ELEMENTS ON MAP BASED ON:

- TERRAIN AND
- ENEMY DOCTRINE.

NOTE LOCALIZED DENSITY.

POSTULATED TARGET ARRAY

(b) (3) DMR

[REDACTED]

ENGAGEMENT CRITERIA

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

DNA
(4X1)

[REDACTED]

[REDACTED]

ENGAGEMENT CRITERIA

(PERSONNEL)

DNA
(b)(1)

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]

WEAPONS APPLICATION

- LOCALIZED DENSITY OF PACT UNITS ALLOWS DEFEAT OF 27 TARGETS WITH 8 WEAPONS.
- COULD ALSO INCLUDE LANCE WEAPONS FOR ATTACK OF FOLLOW-ON REGIMENT(S).
- SUB-OPTION OF OVERALL CORPS SELECTIVE EMPLOYMENT PLAN (SEP).

██████████
APPLICATION OF WEAPONS TO POSTULATED ARRAY

DNA

(4.)(3)

██████████

██████████

[REDACTED]

REQUEST/RELEASE

LIST SUMMARIZES WEAPONS:

- PLANNED
- REQUESTED BY CORPS COMMANDER 24-36 HOURS
IN ADVANCE OF SITUATION
- RELEASED FOR USE

[REDACTED]

WEAPONS REQUESTED/RELEASED

<u>NR</u>	<u>SYSTEM</u>	<u>3000 R</u>
1	BLANCE [REDACTED]	[REDACTED]
1	8--INCH	
2	8--INCH	
1	8--INCH	
3	155MM	

DNA
(2)(3)

(U)

[REDACTED]

[REDACTED]

ACQUIRED TARGETS

MANY TARGETS CAN BE LOCATED DUE TO:

- KNOWLEDGE OF TERRAIN;
- KNOWLEDGE OF ENEMY; WHICH
- FOCUSES USE OF ACQUISITION MEANS.

INTRODUCTION OF SYSTEMS UNDER DEVELOPMENT SHOULD SIGNIFICANTLY
INCREASE NUMBER OF ACQUIRED TARGETS.

A hand-drawn map of a coastal area, likely a bay or inlet. The map features several dashed lines representing boundaries or paths. A prominent dashed line runs diagonally from the top left towards the bottom right. Another dashed line runs horizontally across the middle. A solid line represents the coastline, with a small peninsula or headland on the right side. Various symbols are scattered across the map, including circles, squares, and lines. Some symbols are labeled with numbers or letters, such as 'N3' and '40'. A compass rose is located in the bottom right corner, indicating North. The map appears to be a sketch or a preliminary drawing, possibly for a survey or a project.

[REDACTED]

EXECUTION

BASED ON:

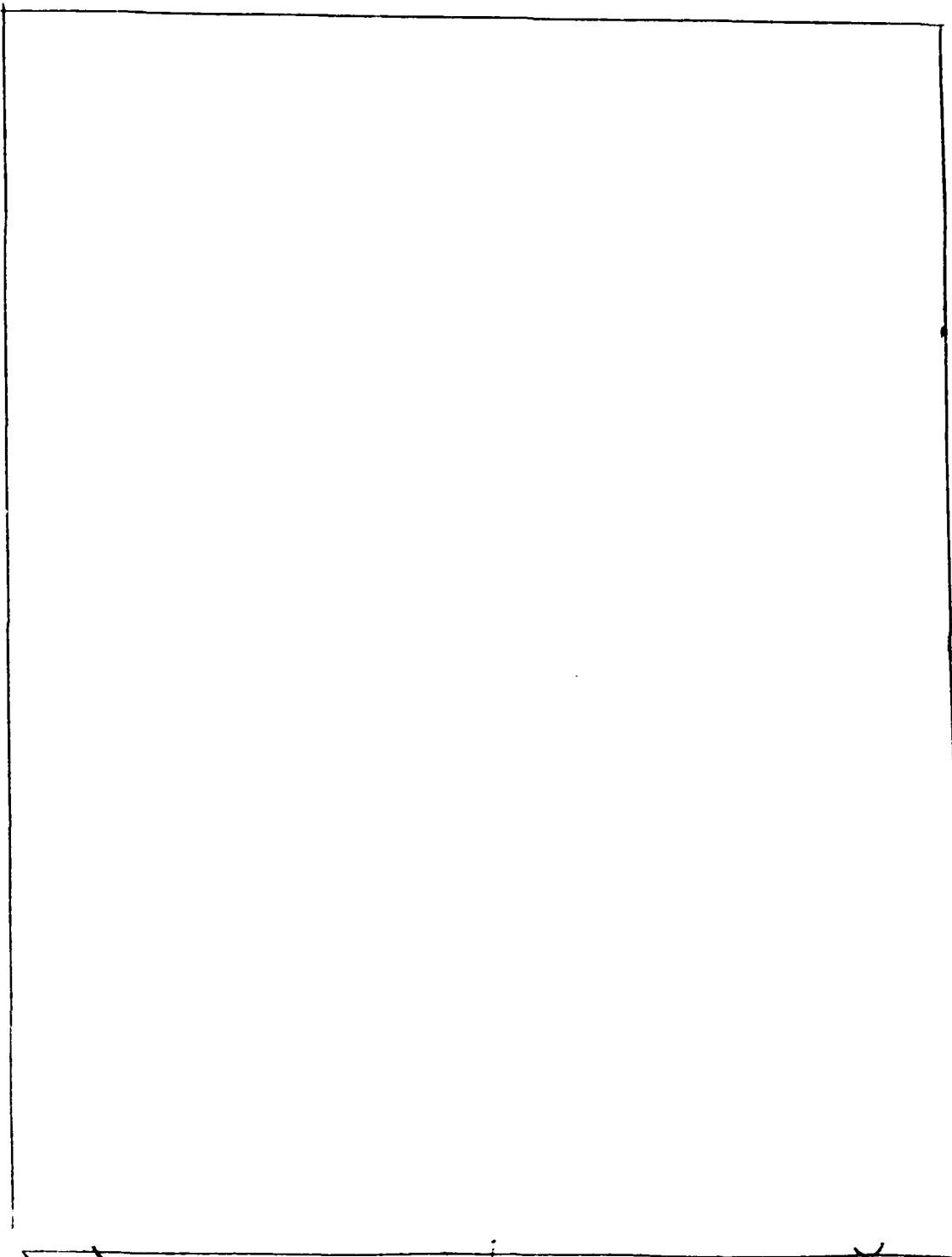
- COMMANDERS GUIDANCE;
- WEAPONS AVAILABLE;
- SUBSEQUENT SCHEME OF MANEUVER;
- ALLOCATION OF CONVENTIONAL ASSETS;
 - ARTILLERY;
 - TANK/ANTI-TANK;
 - AIR.

ANALYST TARGETS WEAPONS.

(TOWNS ARE CLEAR OF INDIGENOUS PERSONNEL.)

DNA
(K)(3)

TARGETING ACTUAL ACQUIRED TARGETS



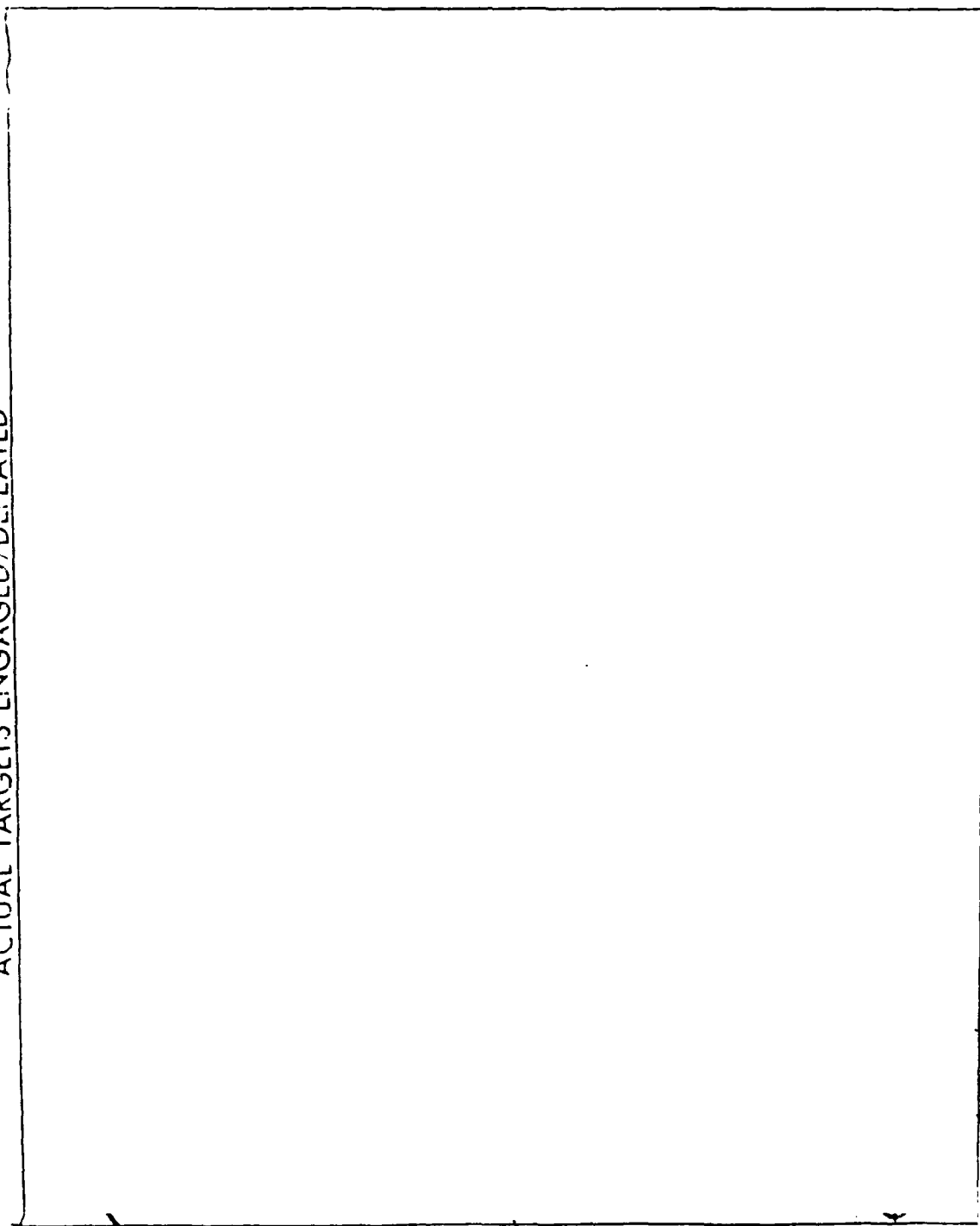
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TARGETING RESULTS

TARGETED	DEFEATED
2 MR Co (Assy)	3 MR Co (Assy)
2 MR Co (Moving)	2 MR Co (Moving)
12 ARTY BTRYS	22 ARTY BTRYS
1 MORTAR BTRY	2 MORTAR BTRYS
1 HQ	2 HQ
18 TARGETS	31 TARGETS

██████████
ACTUAL TARGETS ENGAGED/DEFEATED



DNA
(61/3)

██████████

██████████

[REDACTED]

SUMMARY

SUCCESSFUL OPERATION DEPENDS ON:

- KNOWLEDGE OF

- TERRAIN,

- ENEMY, AND

- SELF

AND

- COORDINATION OF

- CONVENTIONAL FIRES,

- NUCLEAR FIRES, AND

- SCHEME OF MANEUVER.

[REDACTED]

SUMMARY

KNOWLEDGE OF:

- TERRAIN,
- ENEMY,
- • ORGANIZATION,
- • DOCTRINE,
- • TACTICS AND
- OWN CAPABILITIES

IS ESSENTIAL FOR A SUCCESSFUL OPERATION.

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