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NTISSI NO. 3000
Date: 4 April 1986

NTISS

NATIONAL
TELECOMMUNICATIONS
AND
INFORMATION SYSTEMS
SECURITY

SECURITY DOCTRINE

FOR

THE TSEC/KW-46

FLEET BROADCAST SYSTEM (U)

~~CLASSIFIED BY DIRNSA (NATIONAL MANAGER, NTAISS)~~
~~DECLASSIFY ON: ORIGINATING AGENCY'S~~
~~DETERMINATION REQUIRED~~

Approved for Release by NSA on 09-25-2024, FOIA Case # 51573

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SYSTEMS
SECURITY

NATIONAL MANAGER

FOREWORD

1. National Telecommunications and Information Systems Security Instruction (NTISSI) NO. 3000, "Security Doctrine for the TSEC/KW-46 Fleet Broadcast System," provides operational guidance concerning the use of the KWT-46 and KWR-46 Mode 2 equipment in securing teletype and data communications for the Fleet Broadcast.

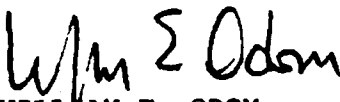
2. COMSEC documentation should be expeditiously revised to reflect applicable provisions of this NTISSI. Request one copy of each service/department/agency implementing document be furnished, within 30 days of the date of this NTISSI, to the National Manager, National Security Agency, ATTN:

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3. Extracts of information in this Instruction shall not be made available to the general public without the specific approval of the National Manager, NTAISS.

4. Additional copies of this Instruction are available upon request from:

Executive Secretariat
National Telecommunications and Information
Systems Security Committee
National Security Agency
Fort George G. Meade, Maryland 20755-6000


WILLIAM E. ODOM
Lieutenant General, USA

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NTISSI NO. 3000

SECURITY DOCTRINE FOR THE TSEC/KW-46 FLEET BROADCAST SYSTEM (U)

SECTION

PURPOSE.....	I
SCOPE.....	II
REFERENCES.....	III
DEFINITIONS.....	IV
CLASSIFICATION GUIDANCE.....	V
SYSTEM DESCRIPTION.....	VI
KEYING.....	VII
PHYSICAL SECURITY.....	VIII
DESTRUCTION AND EMERGENCY PROTECTION.....	IX
REPORTABLE INSECURITIES.....	X
COMPROMISE RECOVERY.....	XI

SECTION I - PURPOSE

1. (U) This Instruction provides security doctrine for the operational use of the KW-46 Fleet Broadcast System and its associated COMSEC material.

SECTION II - SCOPE

2. (U) This Instruction will be made available to the applicable services, agencies, and departments that use or have access to the KW-46 (KWT/KRW-46) or related COMSEC material.

SECTION III - REFERENCES

3. (U) REFERENCES

- a. (U) NACSI NO. 4003, "Classification Guidelines for COMSEC Information," dated 1 December 1978 (under revision).
- b. (U) NACSI NO. 4004, "Controlling Authorities for COMSEC Keying Material," dated 23 June 1982.
- c. (U) NACSI NO. 4005, "Safeguarding and Control of Communications Security Material," dated 12 October 1975.
- d. (U) NACSI NO. 4006, "Reporting COMSEC Insecurities," dated 20 October 1983.
- e. (U) NACSI NO. 4008, "Safeguarding COMSEC Facilities," dated 4 March 1983.
- f. (U) NACSI NO. 4010, "Routine Destruction and Emergency Protection of COMSEC Material," dated 23 February 1982.
- g. (U) NCSC-9, "National COMSEC Glossary," dated 1 September 1982.

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SECTION IV - DEFINITIONS

4. (U) For this operational Instruction, the definitions that are contained in NCSC-9 apply.

SECTION V - CLASSIFICATION GUIDANCE

5. (U) Classifications and markings assigned to the KW-46 Fleet Broadcast System and its associated COMSEC are contained in the Annex.

SECTION VI - SYSTEM DESCRIPTION

6. (S) [Redacted]

7. (S) [Redacted]

8. (S) [Redacted]

SECTION VII - KEYING

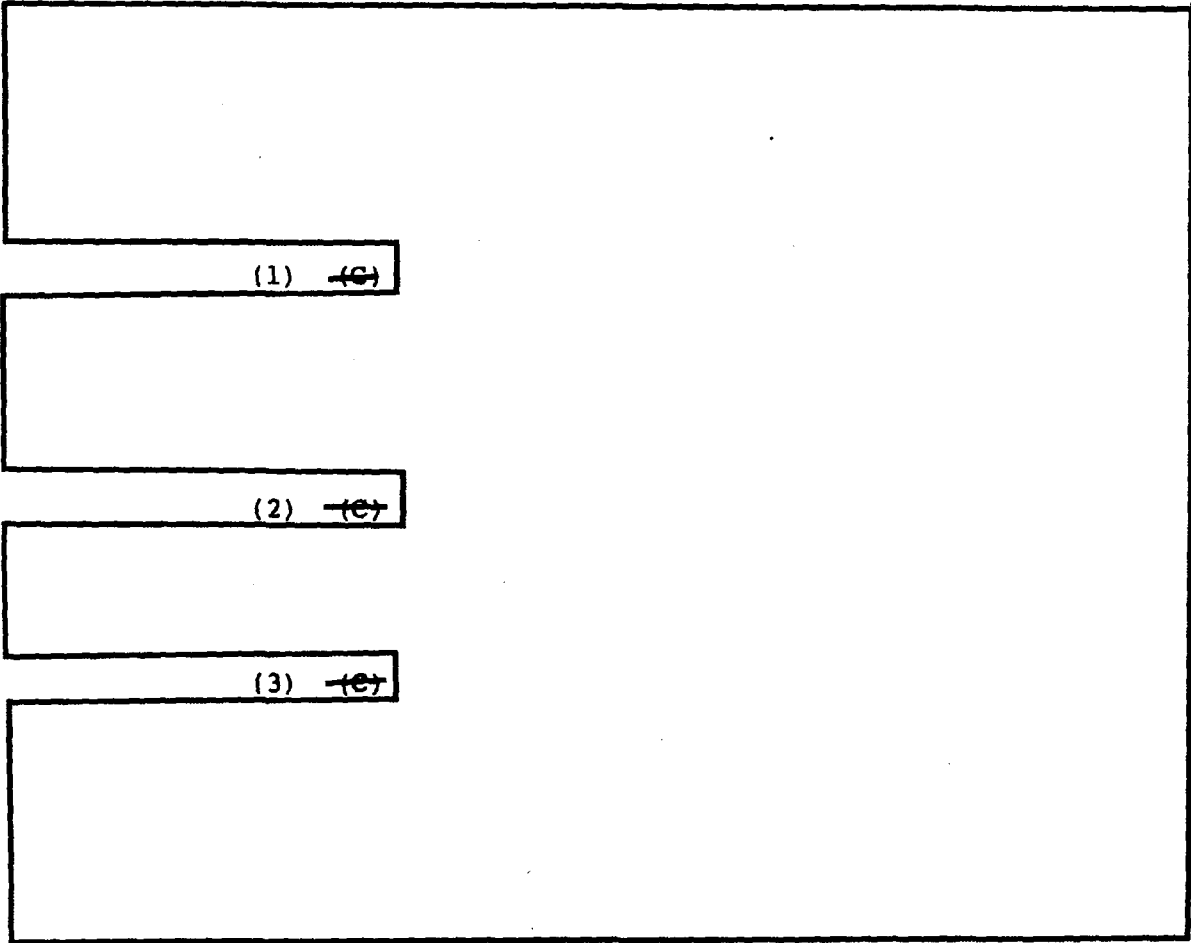
9. (U) KEYING MATERIAL

a. (S) [Redacted]

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10. (U) CRYPTOPERIODS. The cryptoperiods for the KW-46 keys are as follows:

a. ~~(C)~~ BAV - The BAV has a one-month cryptoperiod.



b. (U) CV - The CV has a one-year cryptoperiod.

c. (U) UV - The UV has a one-year cryptoperiod.

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11. (U) KEY DISTRIBUTION

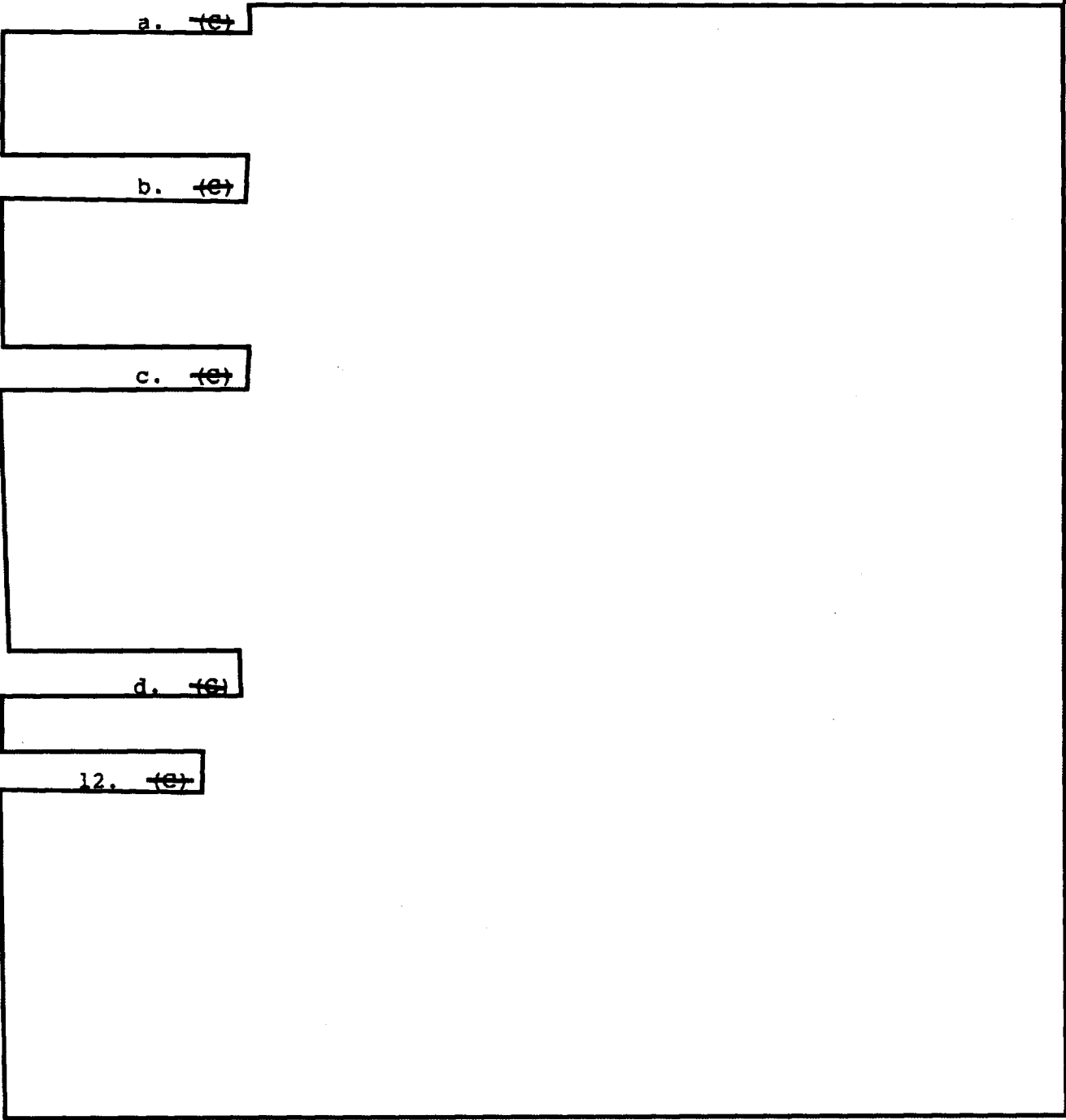
a. ~~(e)~~

b. ~~(e)~~

c. ~~(e)~~

d. ~~(e)~~

12. ~~(e)~~



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NTISSI NO. 3000

SECTION VIII - PHYSICAL SECURITY

13. (U) PHYSICAL SECURITY. In addition to the safeguards and criteria contained in NACSI NO. 4005 and NACSI NO. 4008, the following guidance applies:

a. ~~(S)~~



b. ~~(S)~~



SECTION IX - DESTRUCTION AND EMERGENCY PROTECTION

14. (U) EMERGENCY PROCEDURES. The safeguarding of the KW-46 equipment and related COMSEC materials under emergency conditions is a responsibility of the holder and should be provided for in the holder's Emergency Action Plans. NACSI NO. 4010 should be used in the preparation of Emergency Action Plans.

SECTION X - REPORTABLE INSECURITIES

15. (U) REPORTABLE COMSEC INSECURITIES. A general listing of reportable COMSEC insecurities and the standards for their reporting are contained in NACSI NO. 4006. Additional insecurities, specific to the KW-46 follow:

a. ~~(S)~~



b. ~~(S)~~



SECTION XI - COMPROMISE RECOVERY


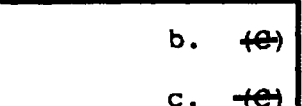
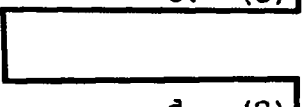
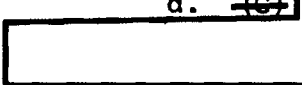
16. (U) COMPROMISE RECOVERY. After an evaluation has determined that a compromise of any of the following KW-46 keys has occurred, the controlling authority is to initiate compromise recovery procedures. These procedures must be in accordance

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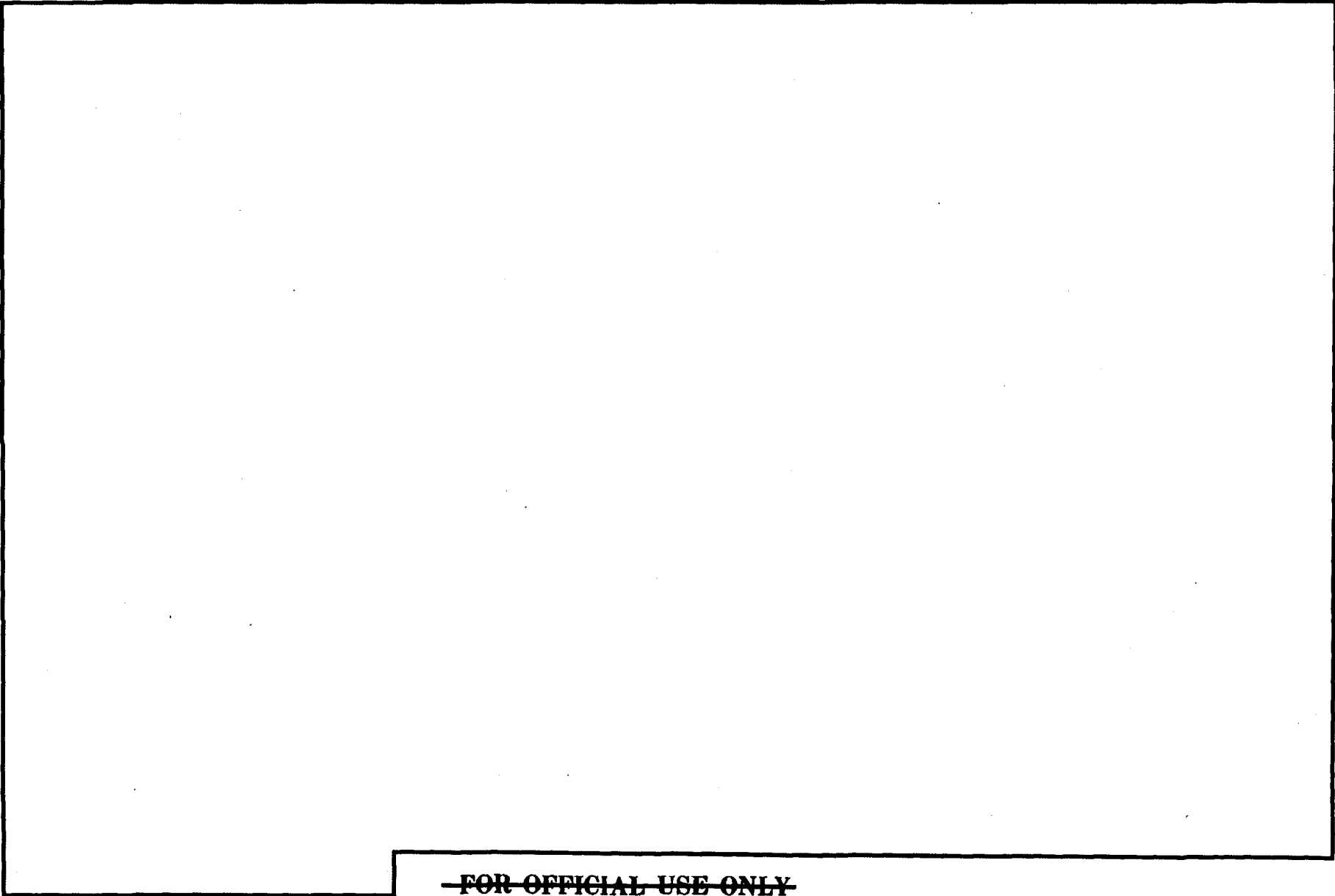
with the provisions outlined in NACSI NO. 4004. Although each specific compromise recovery must be based on an evaluation of the specific circumstances surrounding the actual event, the following circumstances are, in general, to be considered sufficient for compromise recovery action to be taken.

- a. ~~(e)~~ 
- b. ~~(e)~~ 
- c. ~~(e)~~ 
- d. ~~(e)~~ 

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ANNEX TO:
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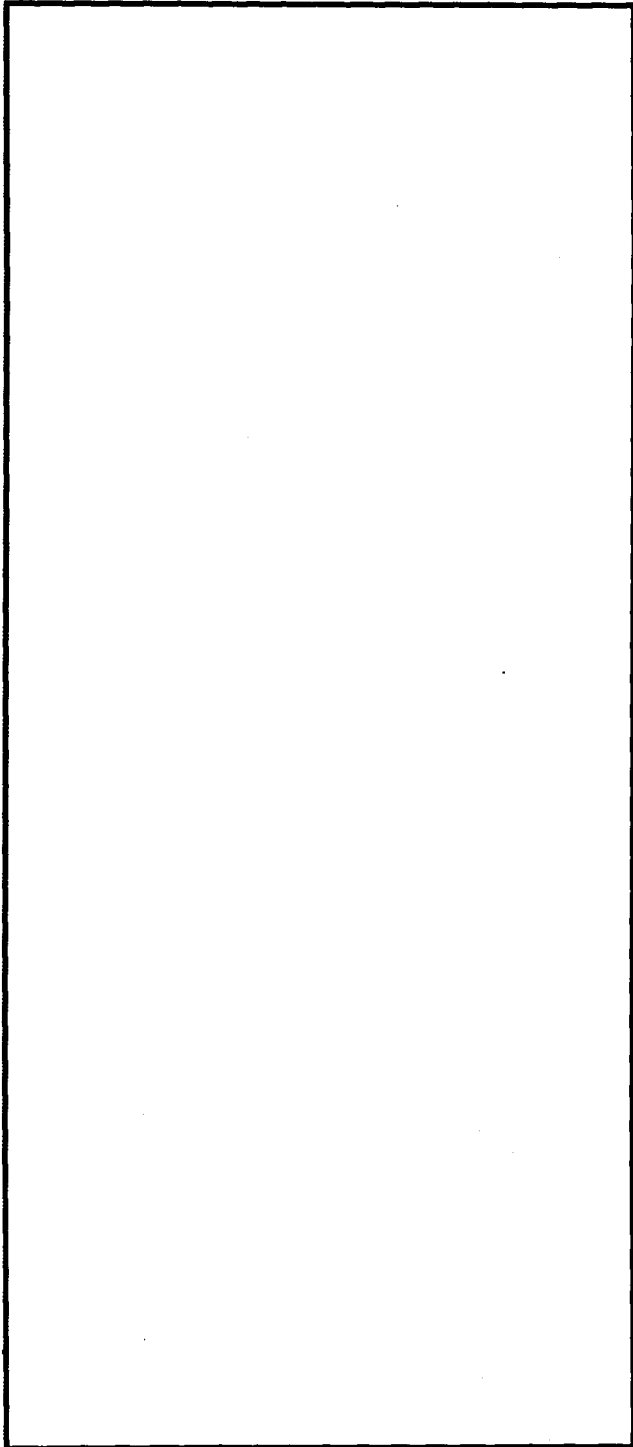


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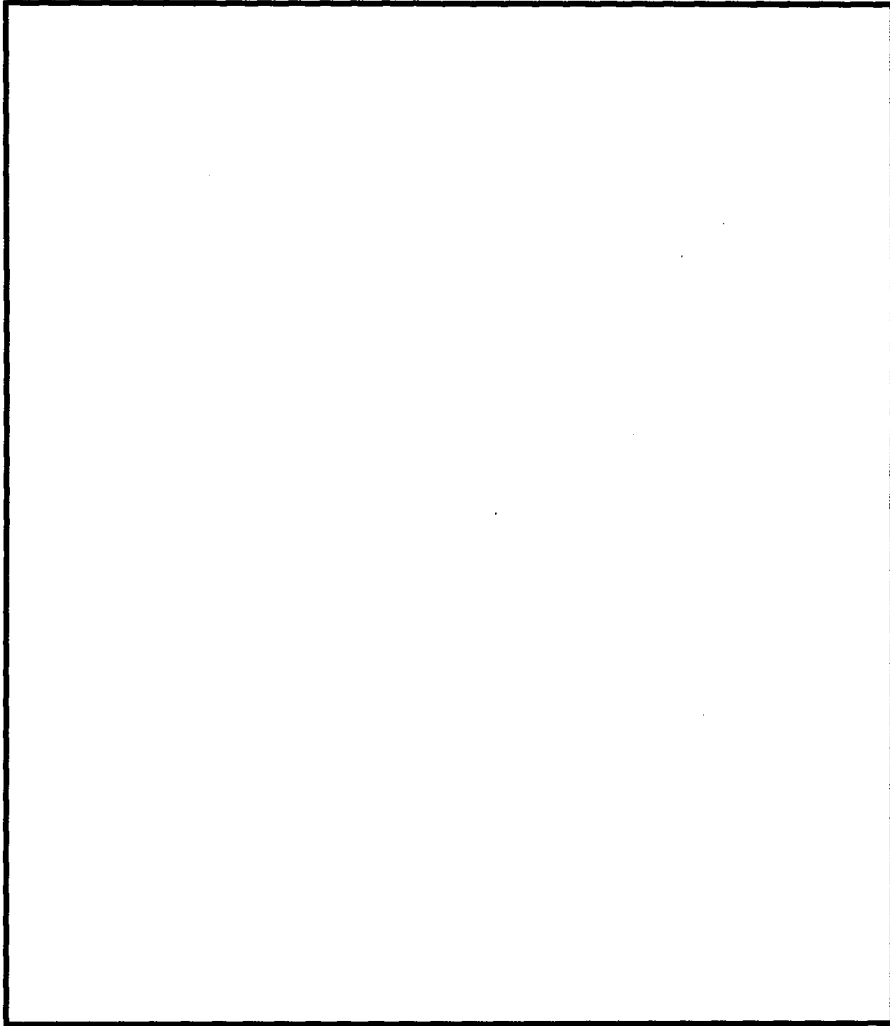
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