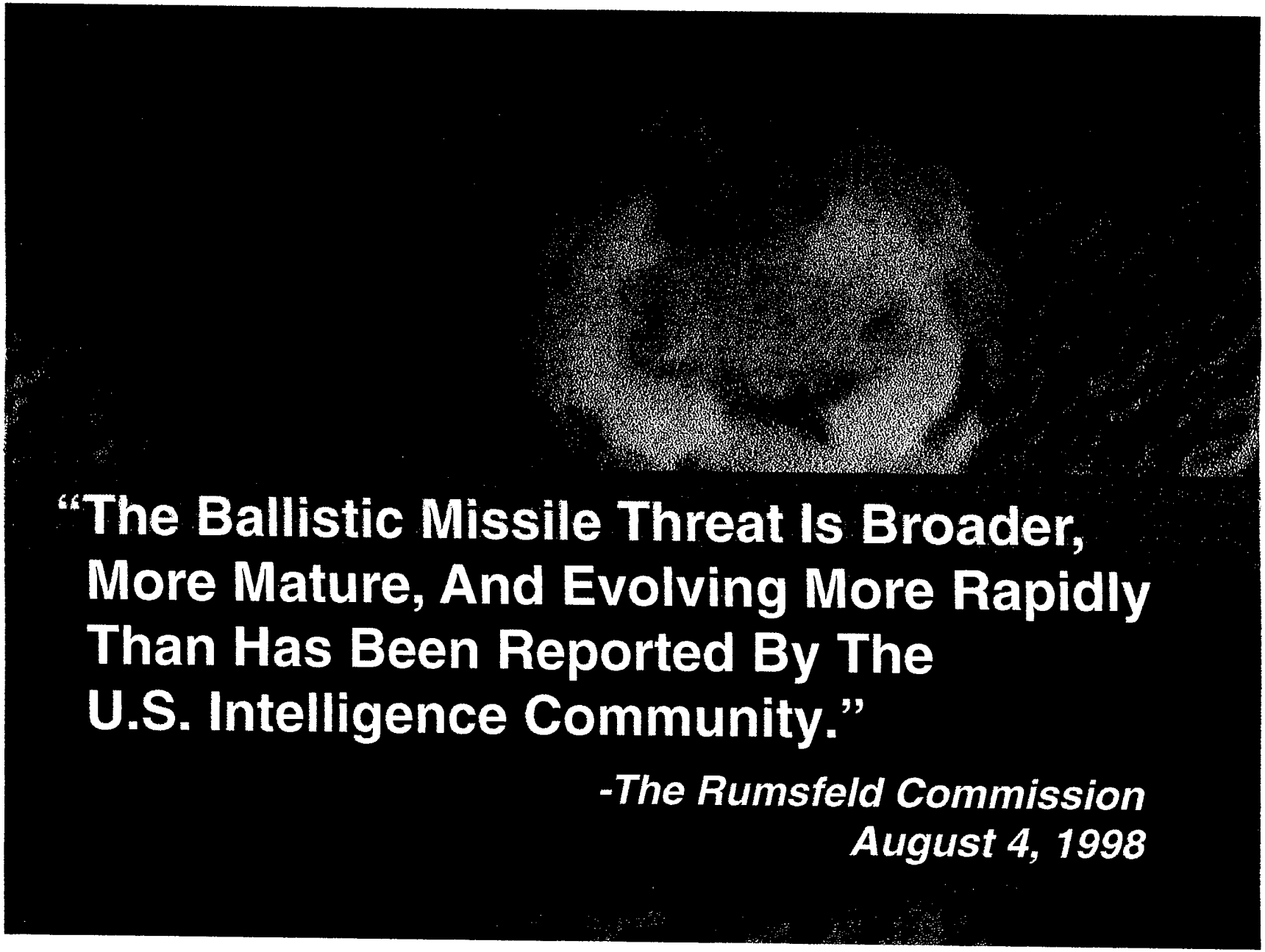
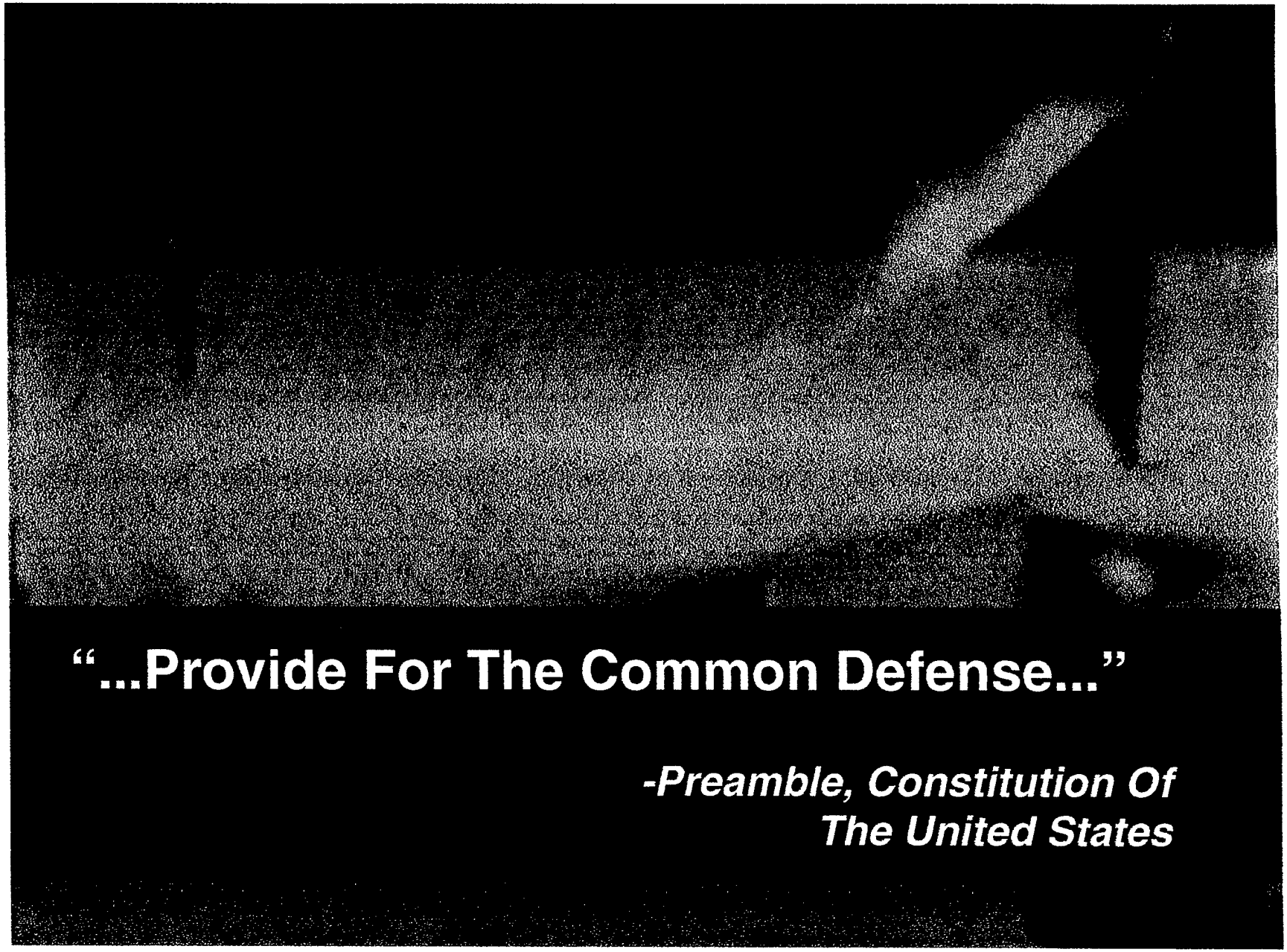
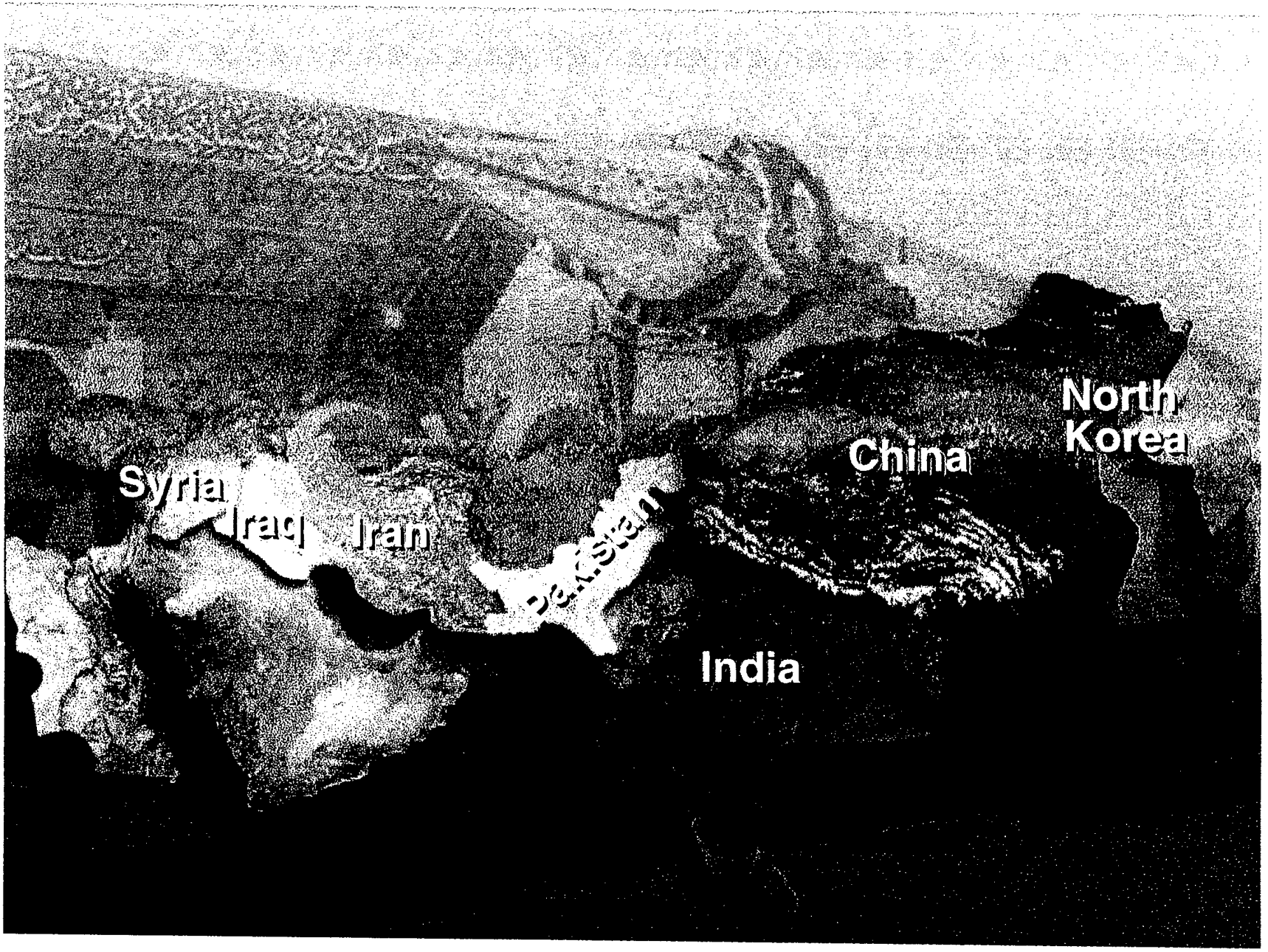
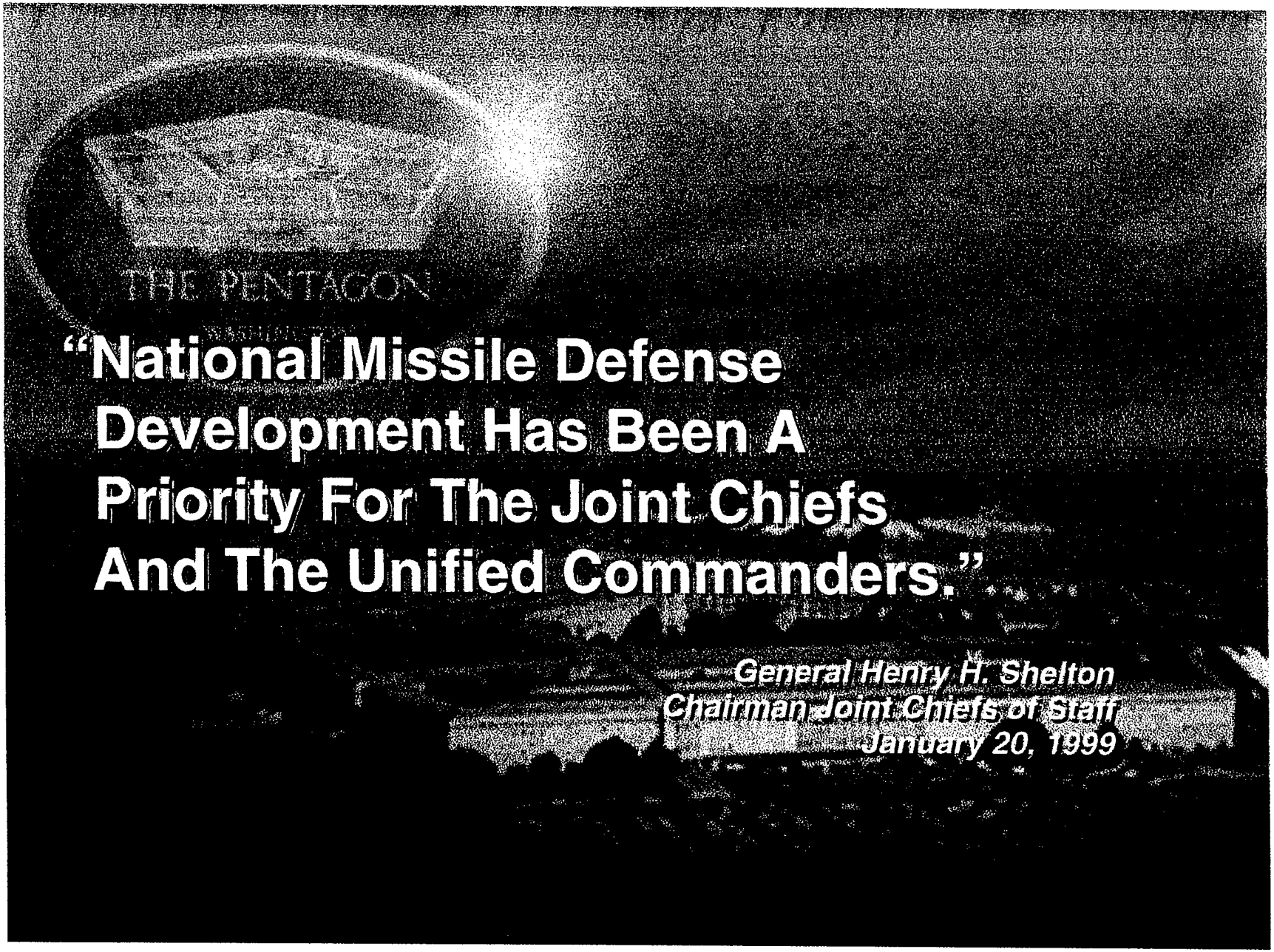
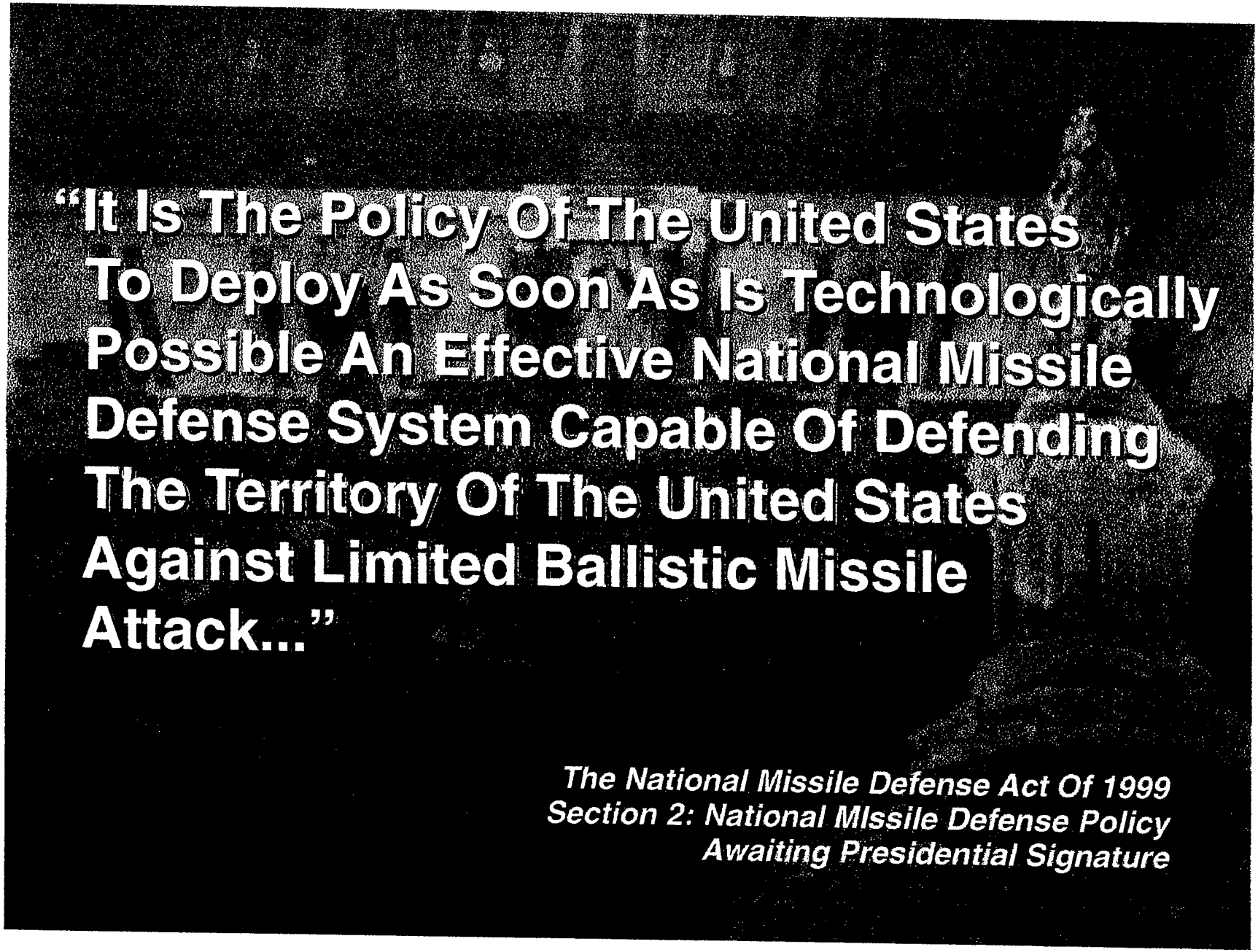
Approved for Public Release; Distribution is unlimited.

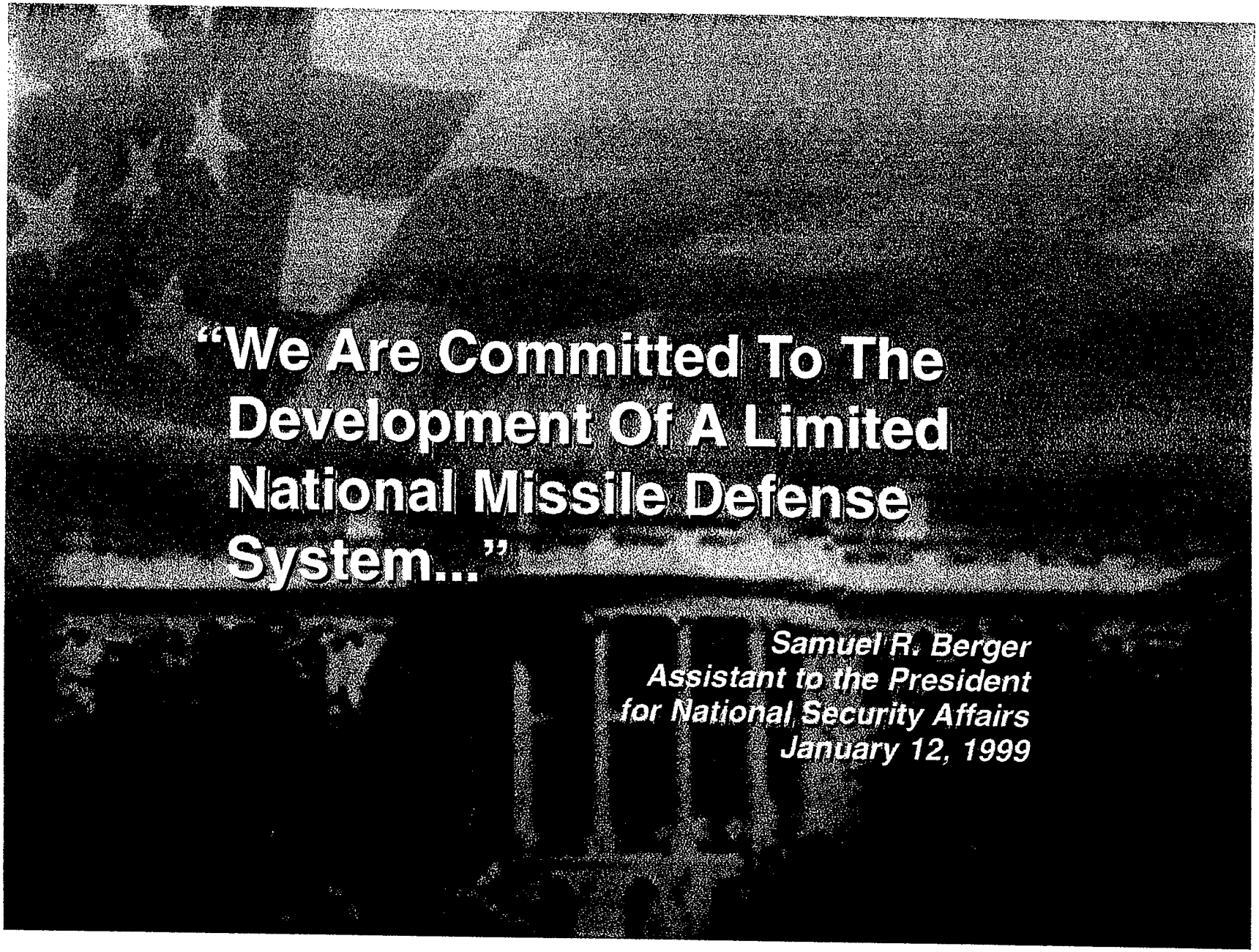

"The Ballistic Missile Threat Is Broader, More Mature, And Evolving More Rapidly Than Has Been Reported By The U.S. Intelligence Community."
-The Rumsfeld Commission
August 4, 1998

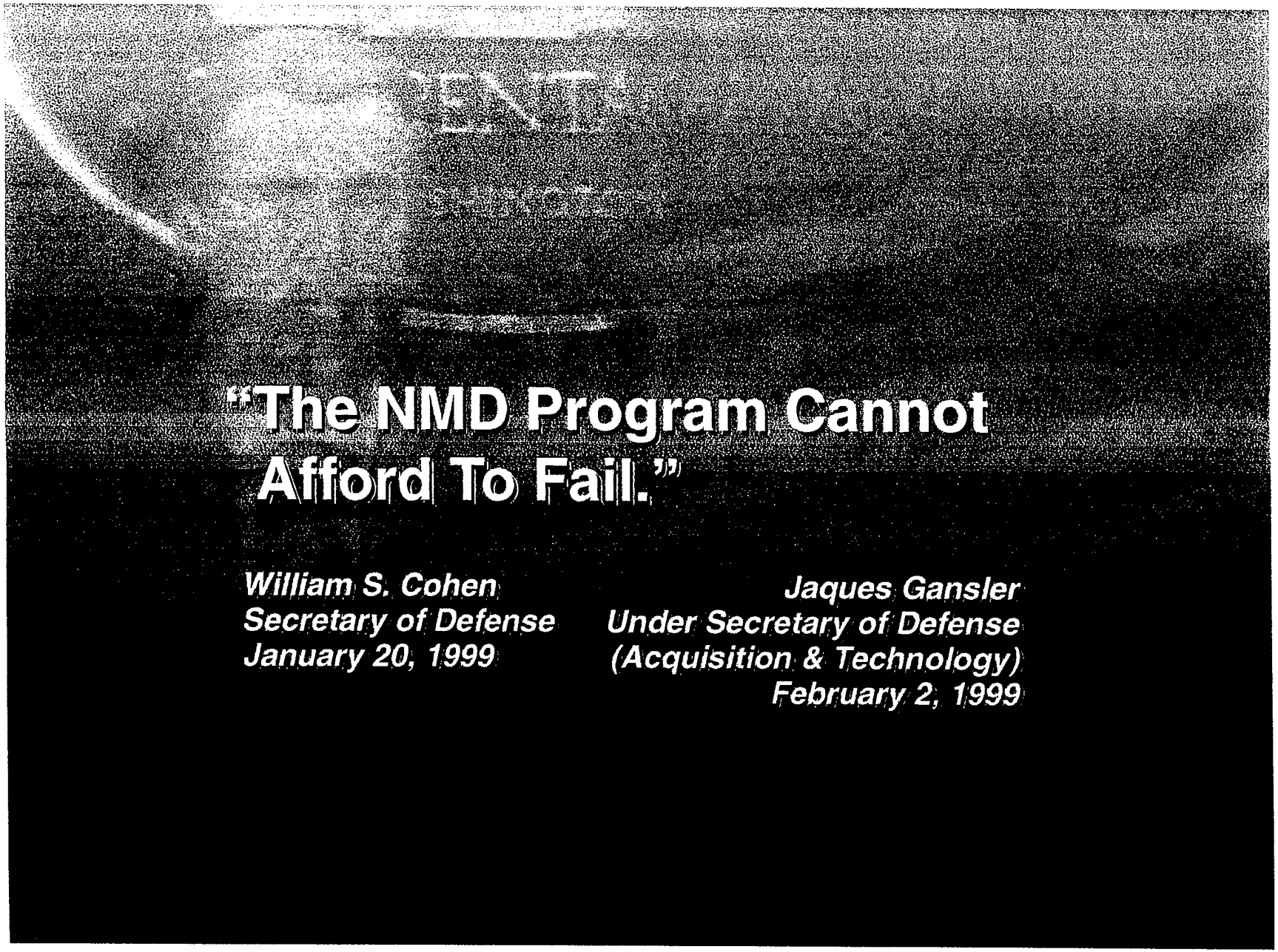

"...Provide For The Common Defense..."
-Preamble, Constitution Of
The United States


Syria
Iraq
Iran
Pakistan
India
China
North Korea


THE PENTAGON
"National Missile Defense Development Has Been A Priority For The Joint Chiefs And The Unified Commanders."
General Henry H. Shelton
Chairman Joint Chiefs of Staff
January 20, 1999


"It Is The Policy Of The United States To Deploy As Soon As Is Technologically Possible An Effective National Missile Defense System Capable Of Defending The Territory Of The United States Against Limited Ballistic Missile Attack..."
The National Missile Defense Act Of 1999
Section 2: National Mlssile Defense Policy
Awaiting Presidential Signature


"We Are Committed To The Development Of A Limited National Missile Defense System..."
Samuel R. Berger
Assistant to the President
for National Security Affairs
January 12, 1999


"The NMD Program Cannot Afford To Fail."
William S. Cohen
Secretary of Defense
January 20, 1999
Jaques Gansler
Under Secretary of Defense
(Acquisition & Technology)
February 2, 1999

MISSION

Develop, Demonstrate, And Deploy (When Directed) A System To Defend U.S. Against A Limited Strategic Ballistic Missile Threat By A Rogue Nation...

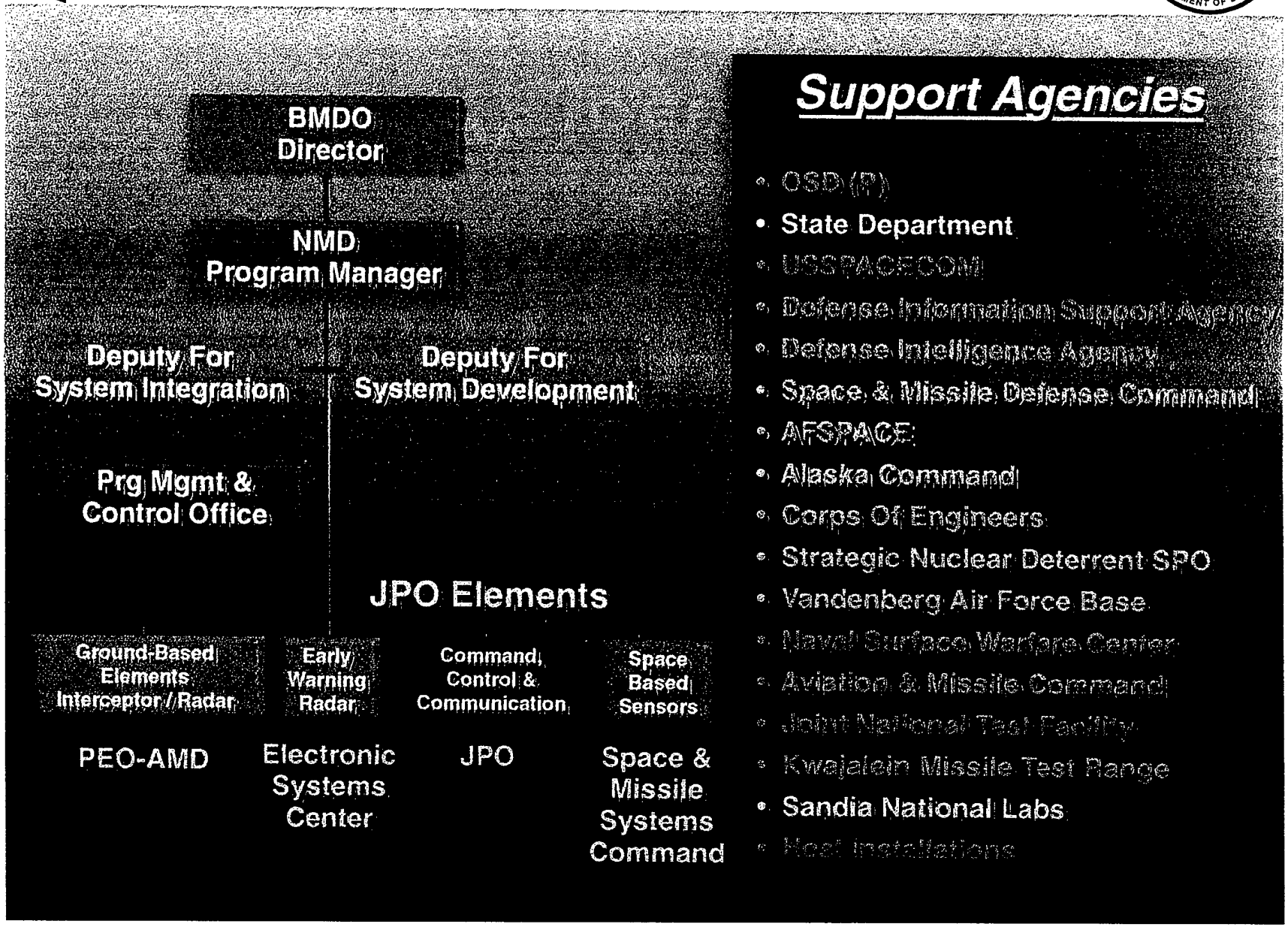
- By *2000,* Be In A Position To Make A Deployment Decision Based On An Assessment Of:
  - System Technology & Operational Effectiveness
  - Status Of Threat
  - System Cost
  - Arms Control Objectives
- Develop System Consistent With ABM Treaty
- Deployment May Require ABM Treaty Modification
- Phase Program Key Decisions To Reduce Risk

NMD KEY REQUIREMENTS

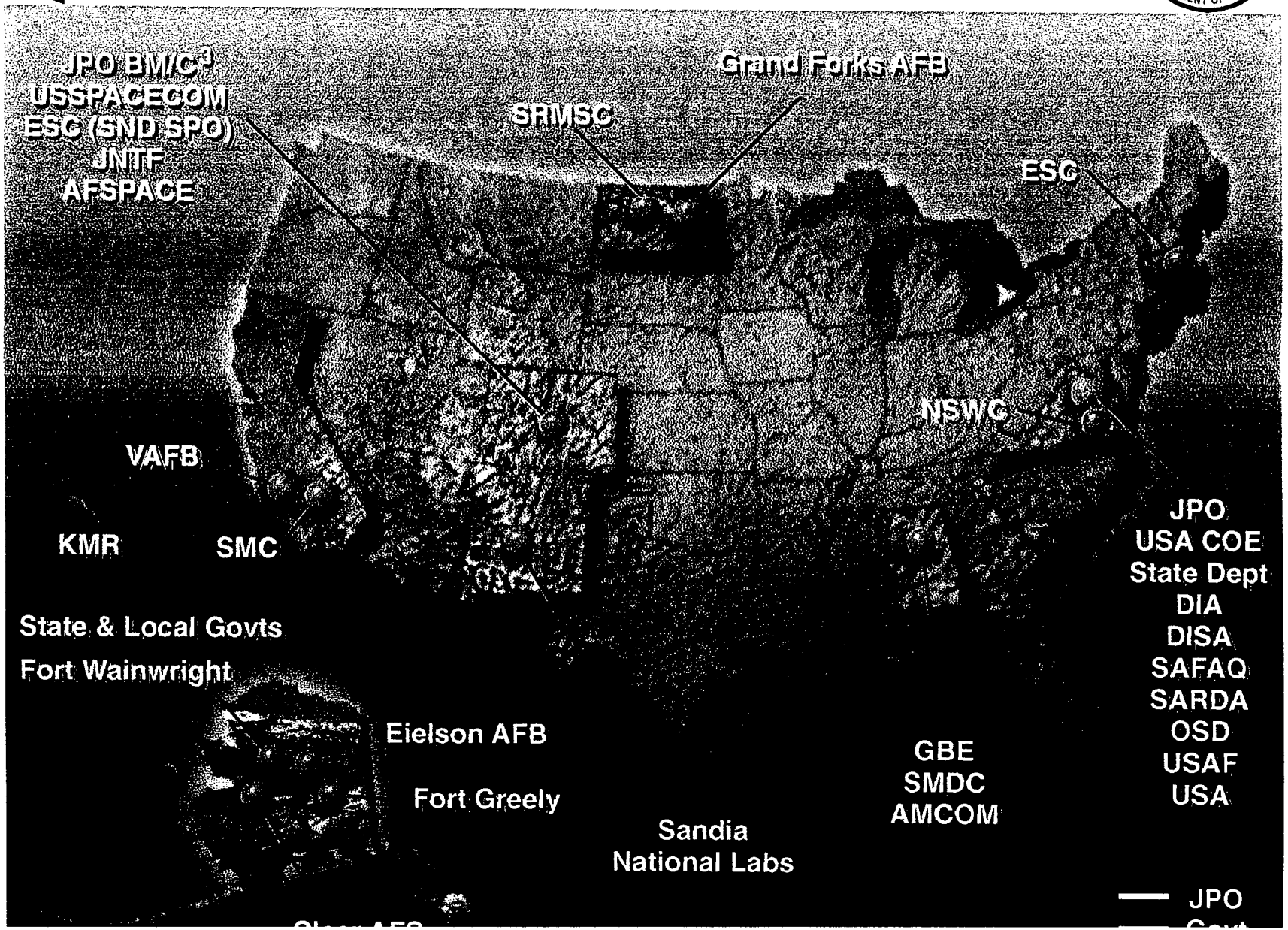
1. US Defense
   - No Leakers With A Very High Degree Of Confidence
2. Human-In-Control
   - Assured Human Control
3. Highly Automated BM/C^3
   - Near-Real-Time Operation

Protect All 50 States Against A Limited Attack

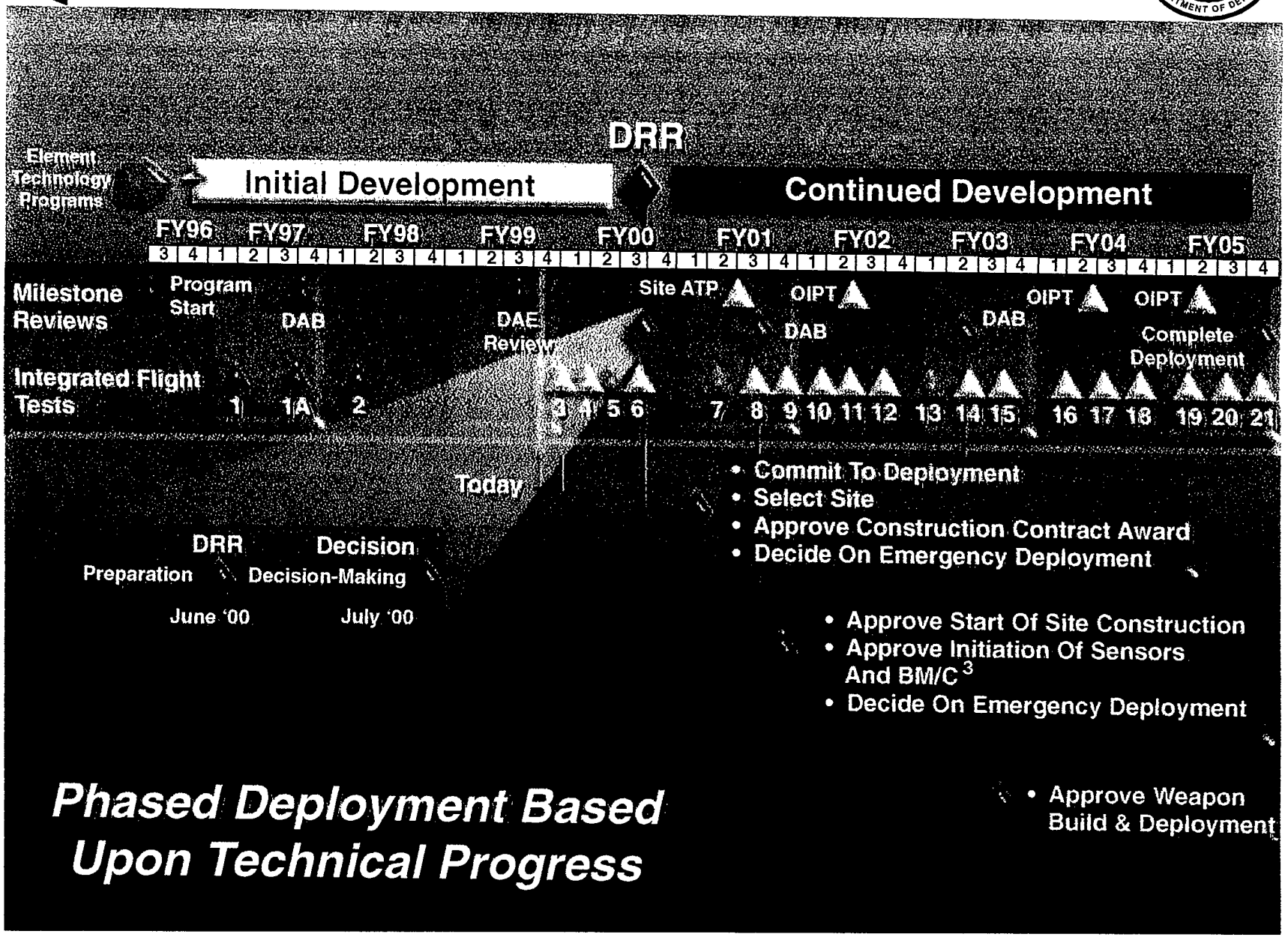
JOINT PROGRAM TEAM



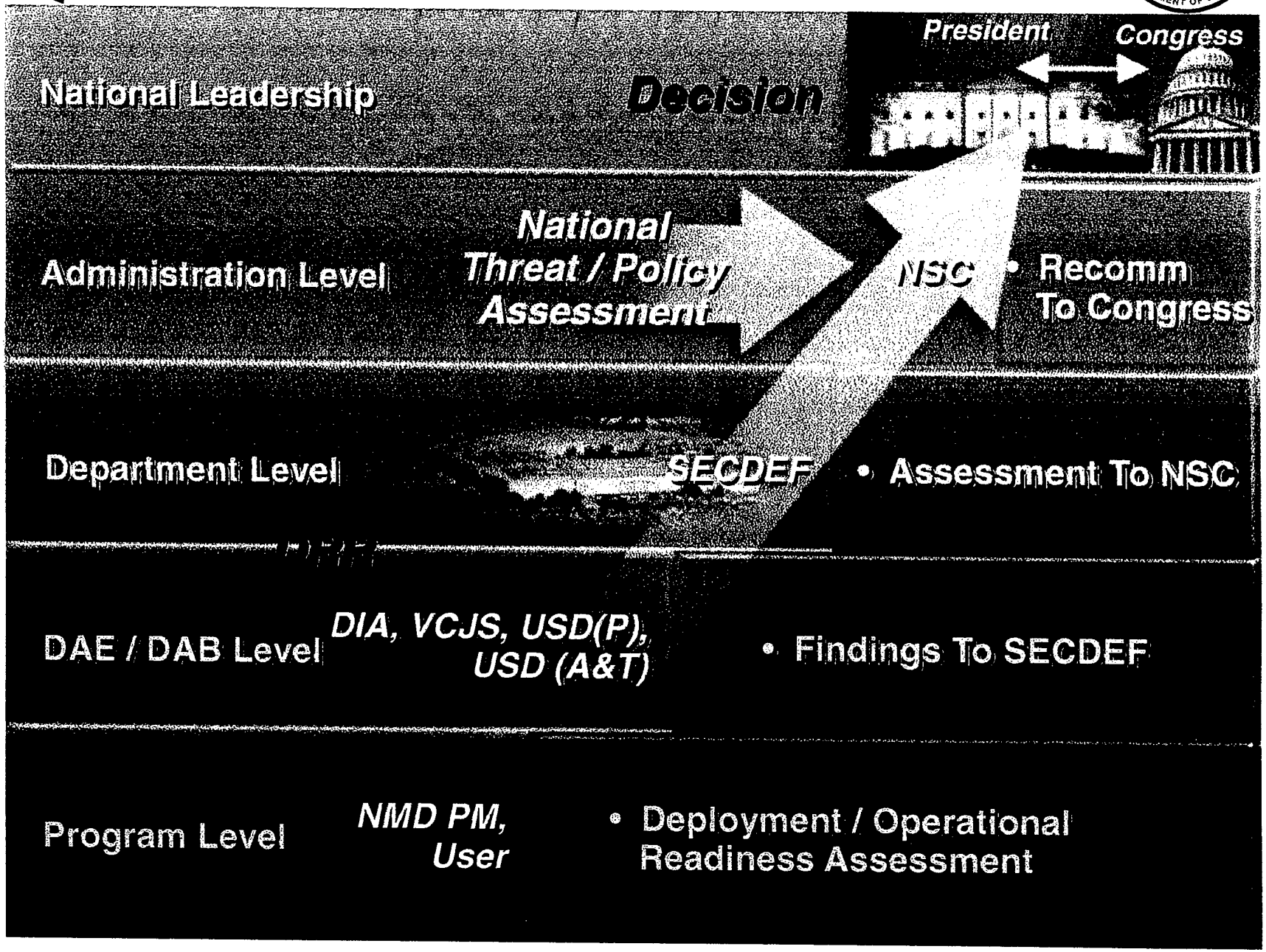
NATIONAL MISSILE DEFENSE
- JPO GOVERNMENT -



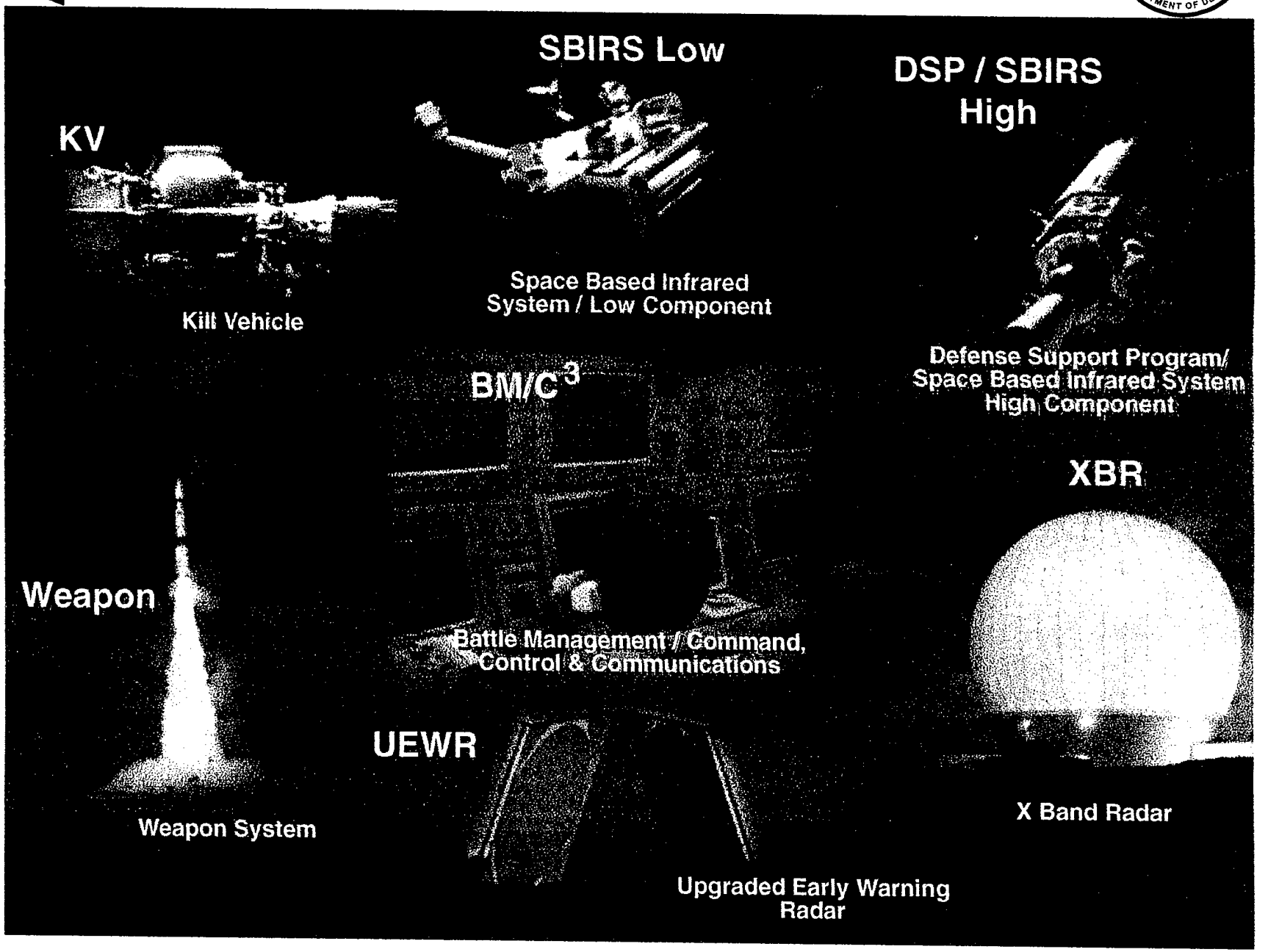
KEY DECISIONS



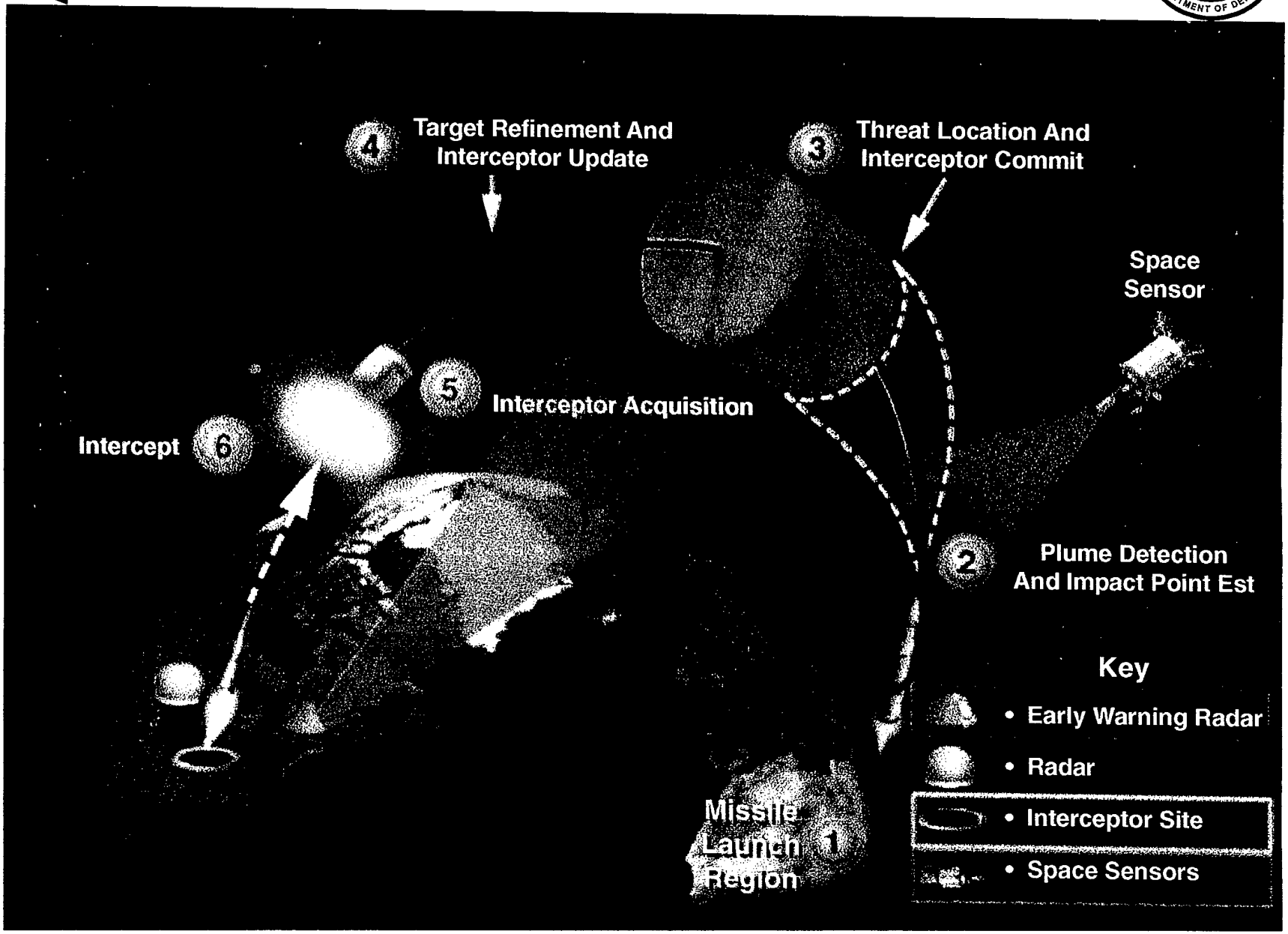
NMD DEPLOYMENT DECISION



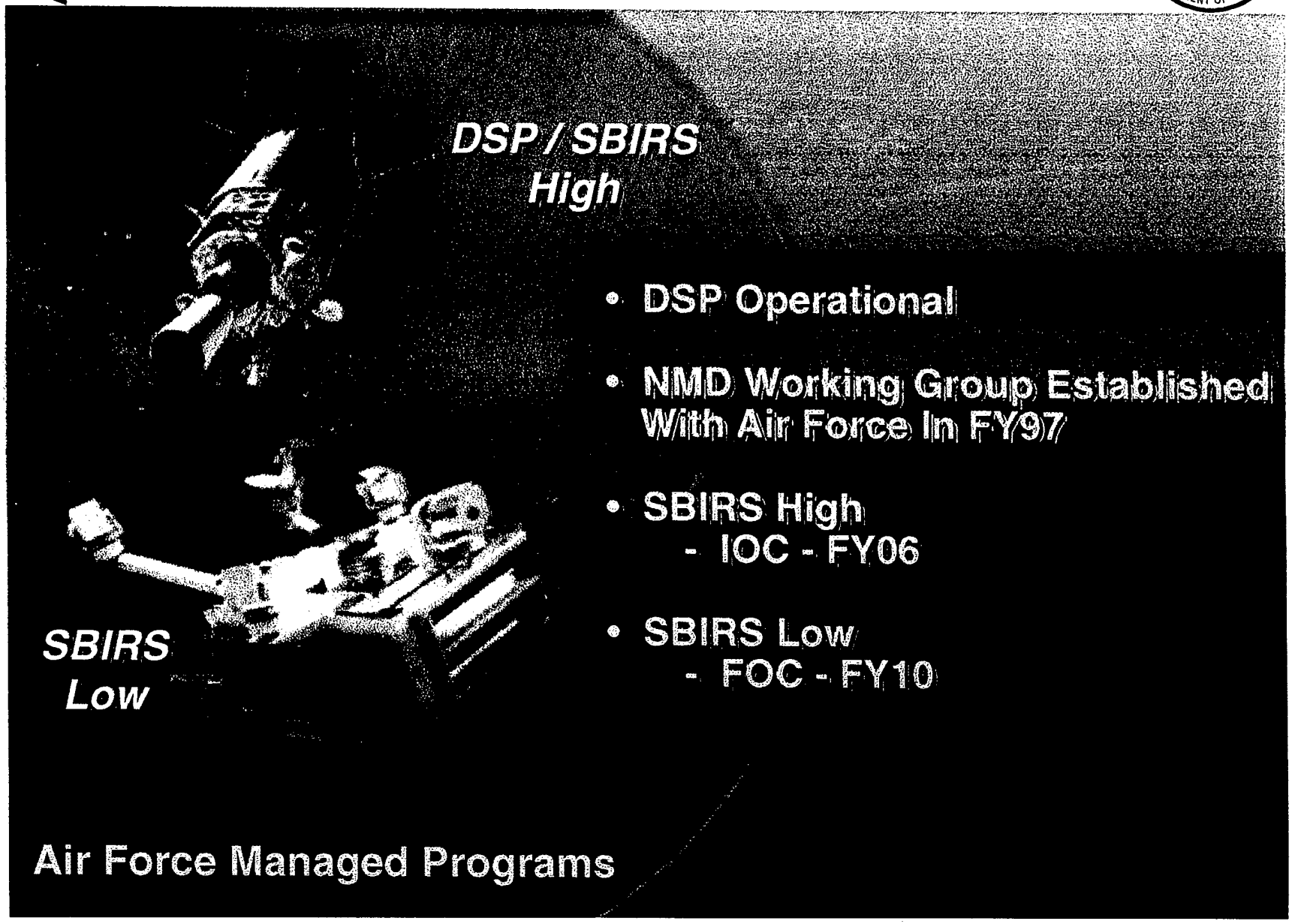
SYSTEM ELEMENTS



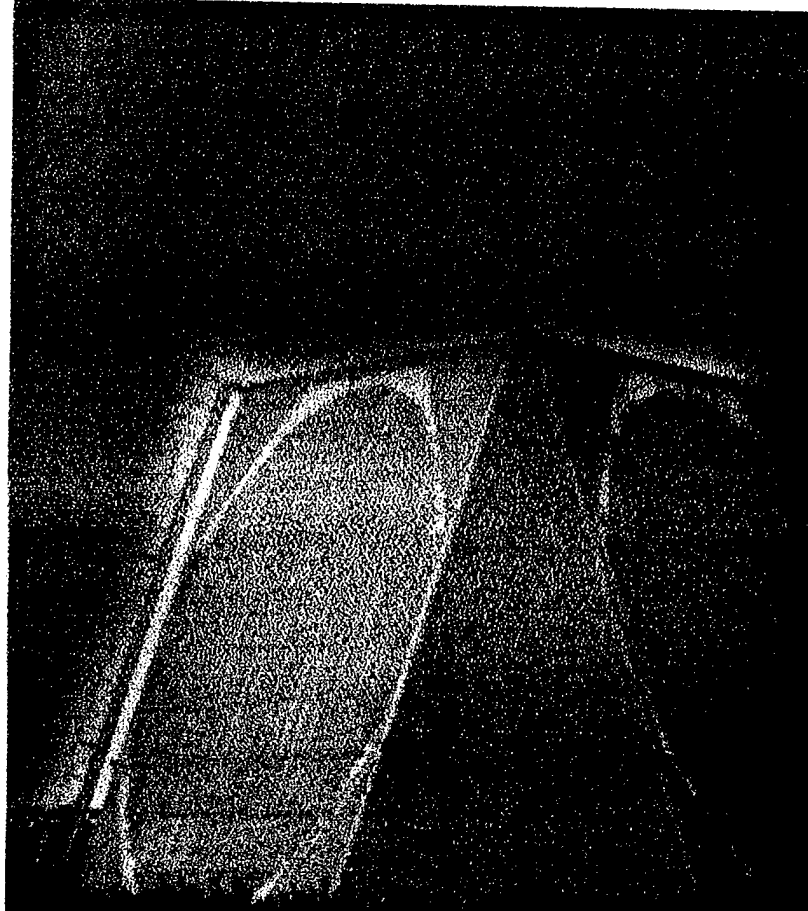
NMD ENGAGEMENT CONOPS



NMD ELEMENT STATUS - DSP / SBIRS



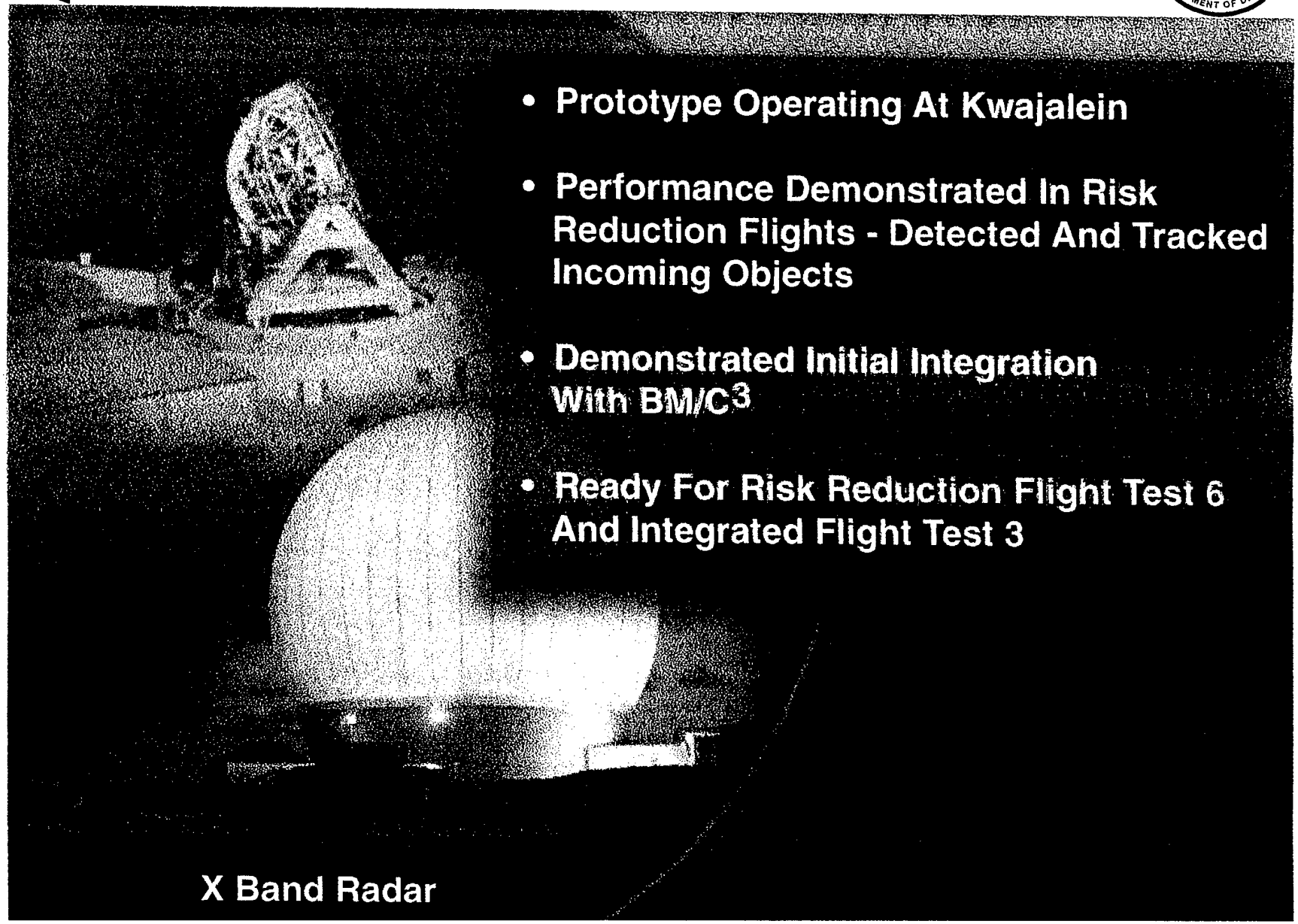
NMD UEWR STATUS



Upgraded Early Warning Radar

- Successfully Demonstrated Initial Integration With BM/C3 During Integrated Ground Testing (IGT-3) - FEB 99
- Successfully Tracked Risk Reduction Flight 4
- Ready For Risk Reduction Flight 6 And Integrated Flight Test 3

X BAND RADAR

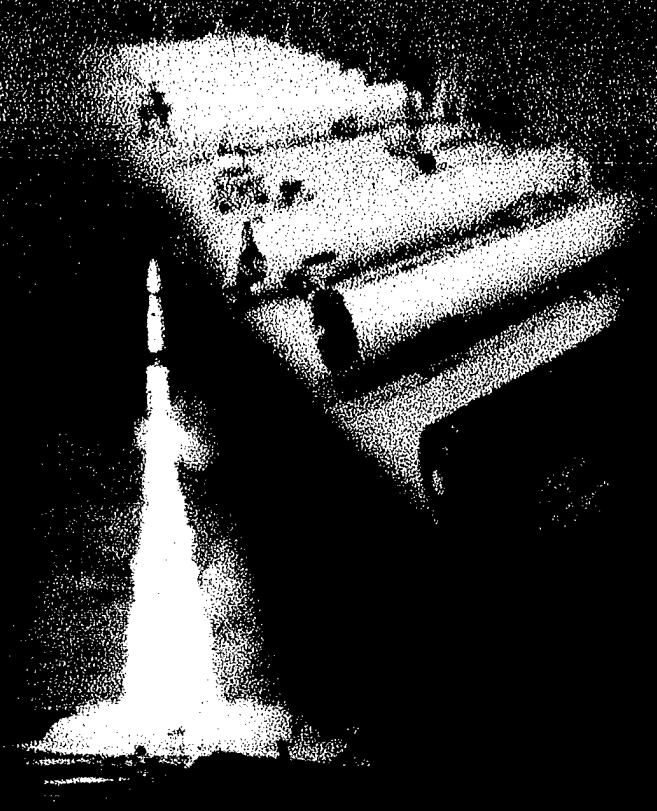


- Prototype Operating At Kwajalein
- Performance Demonstrated In Risk Reduction Flights - Detected And Tracked Incoming Objects
- Demonstrated Initial Integration With BM/C^3
- Ready For Risk Reduction Flight Test 6 And Integrated Flight Test 3

X Band Radar

NMD WEAPON STATUS

- Successful Sensor Flight - JAN 98
- Successful Hover Test - NOV 98
- IFT-3 Unit In Ground Test



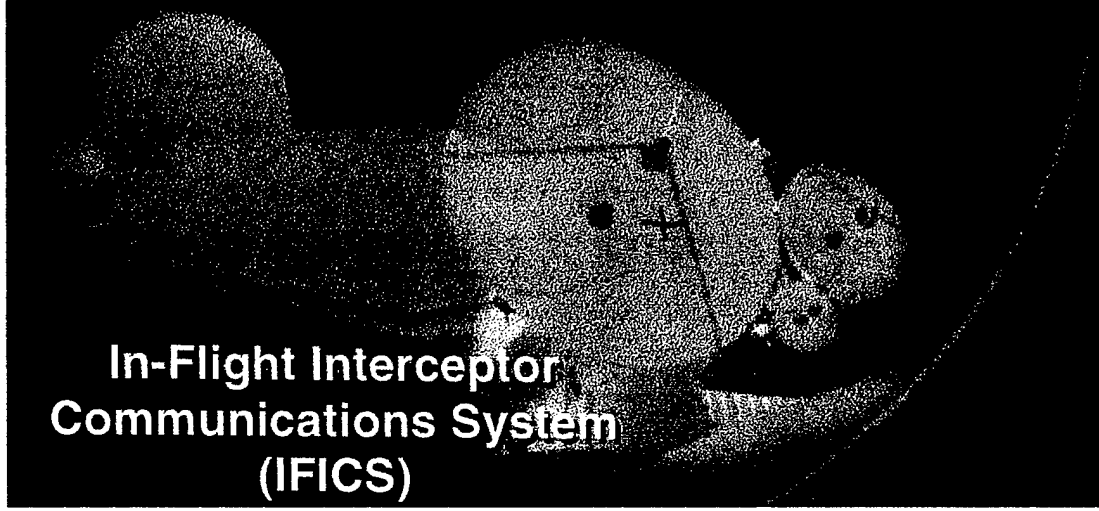
Operational Booster

- GEM Motor Ready For Integration
  - OCT 99 (Over 520 Flown)
- Orbus Motor (25 Produced, 7 Flown No Failures)
  - Successful Burn Test - JUN 99
- First Verification Test Scheduled
  - FEB 00

NMD BM/C^3 / IFICS STATUS

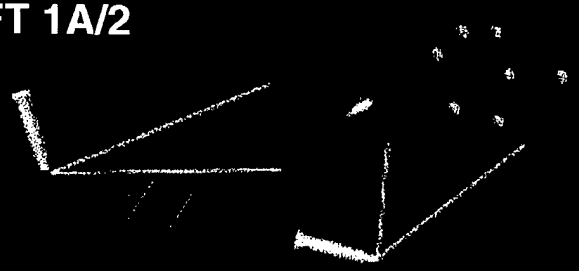
Battle Management, Command Control & Communications

- BM/C^3 Demonstrated In Major Command And Control Exercise - DEC 98
- Demonstrated Initial Integration With Upgraded Early Warning Radar And X-Band Radar - FEB 99
- Ready For Risk Reduction Flight Test 6



In-Flight Interceptor Communications System (IFICS)

INTEGRATED FLIGHT TEST PROGRAM

Flights	Program Objectives And Goals
IFT 1A/2  Sensor Fly-By	• Risk Reduction For Kill Vehicle Tests - Demonstrate Kill Vehicle Sensor Performance - Collect Target Signatures To Validate Discrimination Algorithms • Activate Test Infrastructure — Success
IFT 3  Intercept	• Demo Target Complex Acquisition • Demo Onboard Discrimination And Target Selection • Demo Endgame Performance • Demo Interoperability Of Elements *IQ00*
IFT 4, 5 & 6  Integrated Flight Test / Intercept	• Demo End-to-End Integrated System Performance *FY00*

IFT-3 OBJECTIVES

Primary Objective

- Demonstrate EKV Flight Test Performance
  - EKV Deployment And Orientation
  - Target Complex Acquisition
  - Track Management
  - Real-Time Onboard Discrimination
  - End Game Performance
    - Divert And Homing
    - Intercept

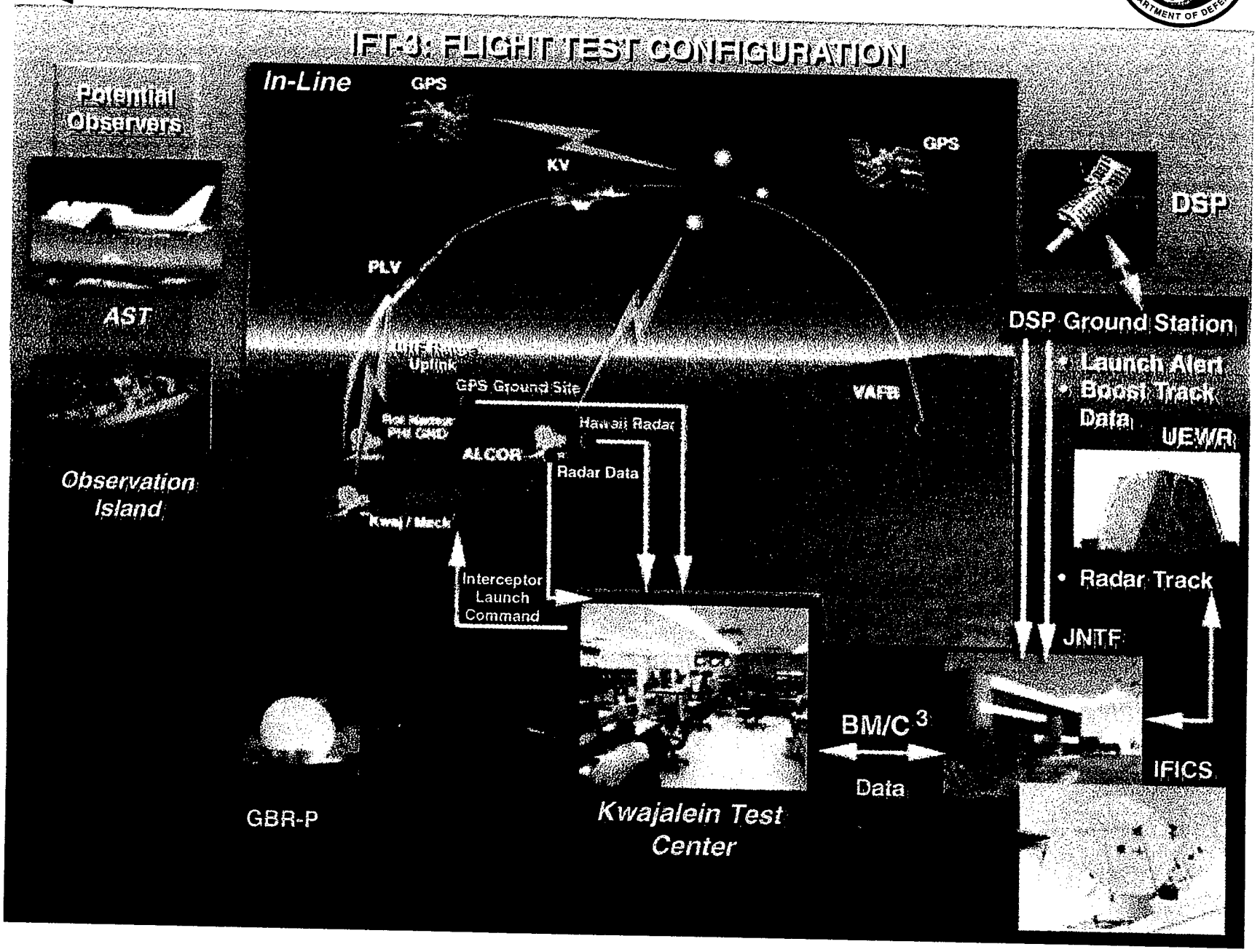
Key Dates

- 7 April - KV Blowdown Test
- 24 July - Ship Flight Payload To EKV System Test Area (ESTA)
- August - Ship Flight Test H/W To KMR
- 1Q00 - Scheduled Test

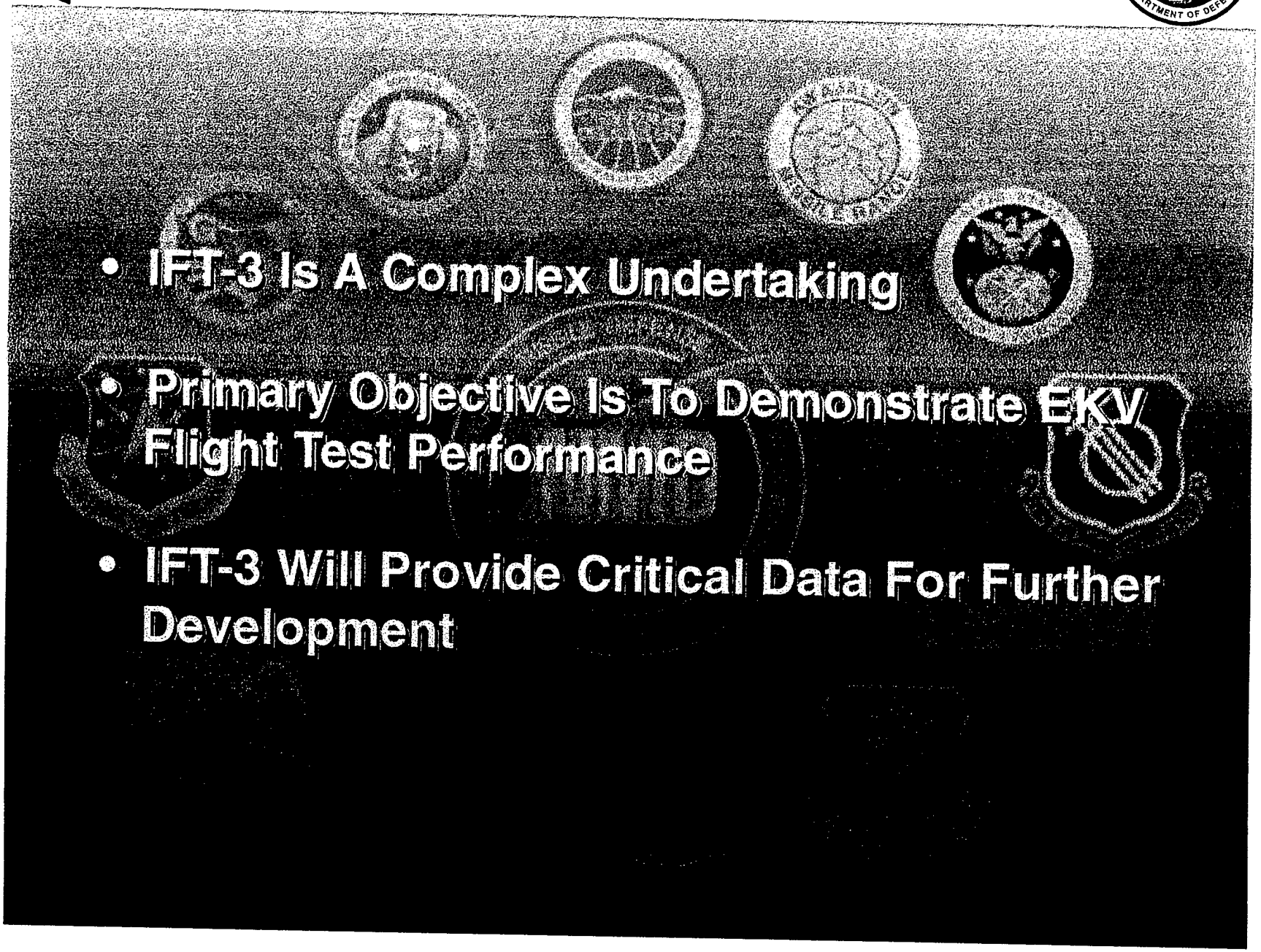
Secondary Objective

- Sensor And BM/C ^{3} Test
  - Detection And Acquisition
  - System Track Performance
  - Integration Of System Elements
- Data Collection
  - V&V Of Models And Simulations
  - Element And System Performance Analyses
  - Impact And Lethality Analyses
  - Reliability, Availability, Maintainability Analyses
  - Assessment Of Test Infrastructure

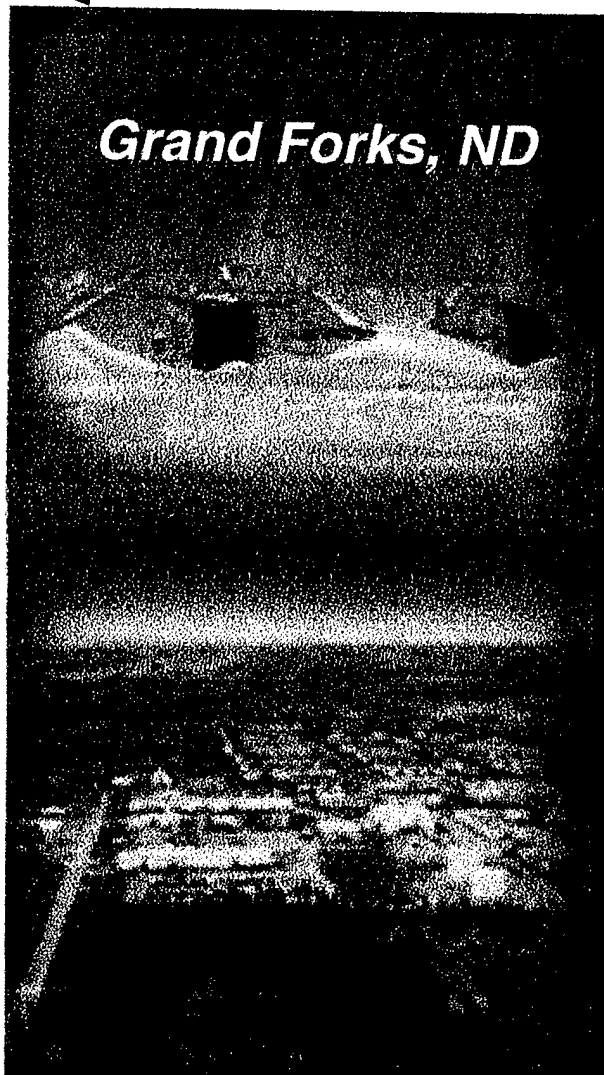
IFT-3: FLIGHT TEST CONFIGURATION



IFT-3 BOTTOM LINE



DEPLOYMENT STATUS



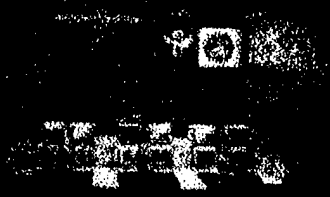
- Fact Finding Visits And Siting Studies Conducted For ND And AK
- Notice Of Intent (NOI) - NOV 98
- Prototype Site Designs Initiated
- Public Scoping Meeting Held In AK, ND And VA - DEC 98
- Draft Environmental Impact Statement (EIS) - 4Q99
- Public Hearings On Draft EIS Scheduled
- Industry Briefings For Construction Contracts - 1Q00
- 100% Site Designs Complete - JAN 00

ACCOMPLISHMENTS

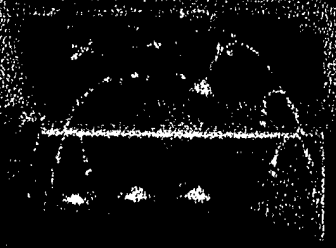
National Missile Defense
Joint Program Office

Program Restructured To
"Phased Deployment"

Lead System Integrator
Contract Awarded



Battle Management
Cmd, Ctrl, & Comm
Capability Increment 3



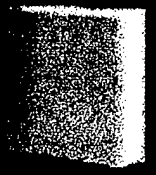
Risk Reduction Flights 1-5
Integrated Ground Test 1A-3
Integrated Flight Tests 1A & 2

Construction At
Kwajalein

Grand
Forks

Fort Greely, AK

Scoping Visits Conducted
EIS Underway
For ND & AK



System
Requirements
Documents