



AOKM Proponent Status

D O T L m P f

Presentation by



AOKM Proponent Guidance

**We have no money....
Therefore, we must think.**

(with apologies to Benjamin Disraeli, British PM, 1868)





What is KM Expertise?

An expert is one who knows more and more about less and less.

Nicholas Butler





DOCTRINE

- PD in Aug 06
- Focused on KM Sections at Bde / Div
- Authors Draft in 60 days
- OBJECTIVE? Good...not perfect
- Keep it simple
- Death by IPR
- **Death by lack of resources**





FM 6-01.1 – What's in it?

- **Ch 1 – Fundamentals & Definitions**
 - KM defined in FM 3-0
 - Principles characterize successful KM efforts
 - Supports Battle Command
- **Ch 2 – KM Section**
 - Functions, duties and responsibilities
 - Does NOT describe makeup of KM sections
- **Ch 3 - Process and Activities**
 - Assess, Design, Develop, Pilot, Implement
 - Learn by doing



DOCTRINE

CADD Life

stupid is as stupid does

from the secret files of
DOCTRINE MAN

ASYNCHRONOUS COL-
LABORATION IS A
COMPLEX PROCESS
SUPPORTED BY...



UNDERSTANDING AND
THE CONCEPT OF COSMIC
CONSCIOUSNESS...



ONE WEEK LATER...

"WHAT IDIOT WROTE
THIS NONSENSE?"



MAN, THIS DOCTRINE
STUFF IS HARD.



US ARMY COMBINED ARMS CENTER



DOCTRINE – What's next?

- **KM at Corps and EAC**
 - Joint
 - Interagency
 - Multinational
- **KM at Bn and below**
- **Personal KM**
 - KM for Dummies
 - Who's in your ROLODEX?
 - Content management
 - Are you learning or just wasting oxygen?



AOKM Virtual Handbook



BCKS
U.S. ARMY BATTLE COMMAND KNOWLEDGE SYSTEM
US Army Combined Arms Center

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[AKO Home](#) > [AOKM Virtual Handbook](#) > AOKM Virtual Handbook

AOKMvHbmenu Options

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AOKM vHandbook Home
Forward
Ch 1 Introduction
Ch 2 Concept & Intent
Ch 3 KM Principles
Ch 4 Roles & Responsibilities
Ch 5 Training
Ch 6 Processes
Ch 7 Tools
App A References



Virtual Army Operational Knowledge Management Handbook



AOKM Virtual Handbook Announcements Options

No messages found.

Current « Previous | Next » Archived

Table of Contents - Site Map Options

[CLICK HERE FOR FULL HANDBOOK \(29MB\)](#)

- A. Forward
- B. Chapter 1 Introduction
- C. Chapter 2 Concept and Intent
- D. Chapter 3 KM Principles
- E. Chapter 4 Commander and Staff KM Roles and Responsibilities
- F. Chapter 5 KM Training
- G. Chapter 6 KM Processes
 - Section 1 K Assessments
 - Section 2 K Networks on AKO
 - Section 3 Virtual Right Seat Ride
 - Section 4 How to start a PF in BCKS
- H. Chapter 7 KM Tools
 - 1. Share Point (Overview and Summary)
 - a. Introducing Sites and Content
 - b. Collaboration Workspaces
 - c. Creating Lists & Libraries
 - d. Create a Custom List
 - e. How to modify Sites & Lists
 - f. Calendar
 - g. Adding Items to Quick Launch Bar
 - 2. Adobe Connect
 - a. Introduction
 - b. Training Guide
- I. Appendix A: References
 - 1. KM FM
 - 2. WKB
 - 3. Desktop Glossary

New Files for AOKM Virtual Handbook Options

[Go to the AOKM Virtual Handbook Knowledge Centers](#)

Here are the latest updates to the Virtual KM Handbook

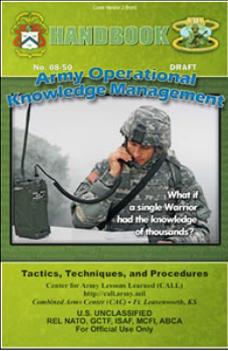
What's New In AOKM Virtual Handbook

Name	Location	Date/Time GMT
There are no new documents for AOKM Virtual Handbook		

Recommend Changes Here Options

[Click to Display/Hide Feedback Entry Box](#)

BCKS/CALL Operational KM Handbook Options



Tactics, Techniques, and Procedures
Center for Army Lessons Learned (CALL)
<http://call.army.mil>
Combined Arms Center (CAC) Ft. Leavenworth, KS
U.S. UNCLASSIFIED
REL NATO SCIF/ISAF/NOVA/ADCA
For Official Use Only

AOKM vHB Related Content Options

Related Content

Pages Groups Files Forums

-  [AOKM Virtual Handbook](#)
-  [AOKMvHB Appendix A References](#)
-  [AOKMvHB Ch00 Forward](#)
-  [AOKMvHB Ch04 Roles and Responsibili...](#)
-  [AOKMvHB Ch05 KM Training](#)
-  [AOKMvHB Ch06 KM Processes](#)
-  [AOKMvHB Ch07 KM Tools](#)



US ARMY COMBINED ARMS CENTER



ORGANIZATIONAL DESIGN

- **2006 Bde KM Section – 2 ea**
- **2006 Div KM Section – 6 ea**
- **Nov 06 – Div HTF Seminar – back to 2 ea**
- **May 08 – Corps KM Section – 6 ea**
- **Sep 08 – Omni Fusion 08 – Div KM Section revisited...**





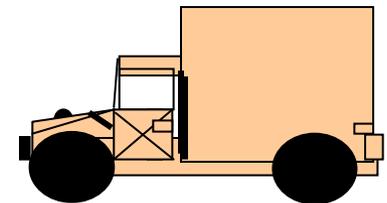
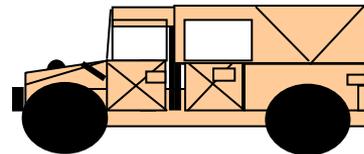
ORGANIZATIONAL DESIGN



Division KM Section (not as a JTF)

	OFF	WO	EN	TOTAL
	2	0	0	2
O5 02A	CHIEF KM/BATTLE COMMAND OFFICER - 1			
O4 57A	BATTLE COMMAND SYSTEMS OFFICER - 1			

- MAJ EQUIP:**
- IP PHONE
 - SECURE TELEQUIP
 - SIPR COTS LAPTOP COMPUTER (4)/
PRINTER
(REQUIRED APPLICATION TBD by KM
BoB Study)
 - SCANNER / FAX
 - AN/VRC-90F DAGR
 - CPOF
 - IDM-T SW (5)





ORGANIZATIONAL DESIGN



Corps KM Section (not as a JTF)

<u>KM 3/0/3/6</u>			
O5	O2A00	CORPS KM OFFICER	1
O4	57A00	BATTLE CMD SYS OFF	1
O4	53A00	BATTLE CMD SYS OFF	1
E8	25B50	SR BATTLE CMD NCO	1
E7	11B40	CONTENT MGMT SPEC	1
E6	13B30	CONTENT MGMT SPEC	1



ORGANIZATIONAL DESIGN

MAIN

Division KM Section revisited

KM 3/0/3/6

O5	O2A00	CORPS KM OFFICER	1
O4	57A00	BATTLE CMD SYS OFF	1
E7	25B40	SR BATTLE CMD NCO	1
E6	11B30	CONTENT MGMT SPEC	1
E6	13B30	CONTENT MGMT SPEC	1





ORGANIZATIONAL DESIGN – What's next?

- **JTF Design?**
- **MTOEs?**
- **Battalion KMO?**
- **Feedback from the field**





TRAINING

- **Aug 06 - 1 man Training Cell**
- **Oct 06 – 3 man Tng Sec (out of hide)**
- **OBJECTIVE? 1st class in Jan 07**
- **As of 23 Oct 08, over 25 classes taught**
- **Focus**
 - **KM Sections at Bde / Div**
 - **KM Overview**
 - **Teach FM 6-01.1**



BCKM Train-the Trainer

Training NGB J3 Staff



BATTLE COMMAND KNOWLEDGE MANAGEMENT CELL TRAIN-THE TRAINER COURSE

- Session I: Battle Command Knowledge Management (BCKM).
- Session II: Knowledge Management (KM).
- Session III: Content Management (CM).
- Session IV: The BCKM Cell.
- Session V: Software & Hardware.



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- “Good course; will be very helpful in developing our KM community”
- “Well done! Will recommend this course to all who enter the KM field”
- “Excellent introduction overall to KM”
- “Course blocks were sized right – easily digestible.”



TRAINING – What's next?

- **Training for KM Sections**
- **13 KM Education Courses (130+ hrs)**
 - KM Basics
 - Facilitation
 - Content Management
 - Assessment
 - Interviewing
- **10 KM Technical Courses (60+ hrs)**
 - Tomoye
 - Adobe Connect
 - Sharepoint
 - AKO portal administration

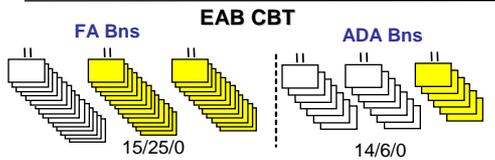
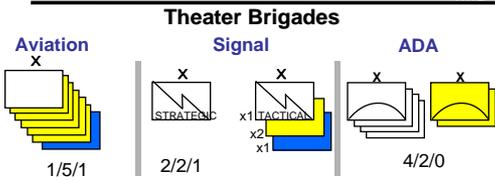
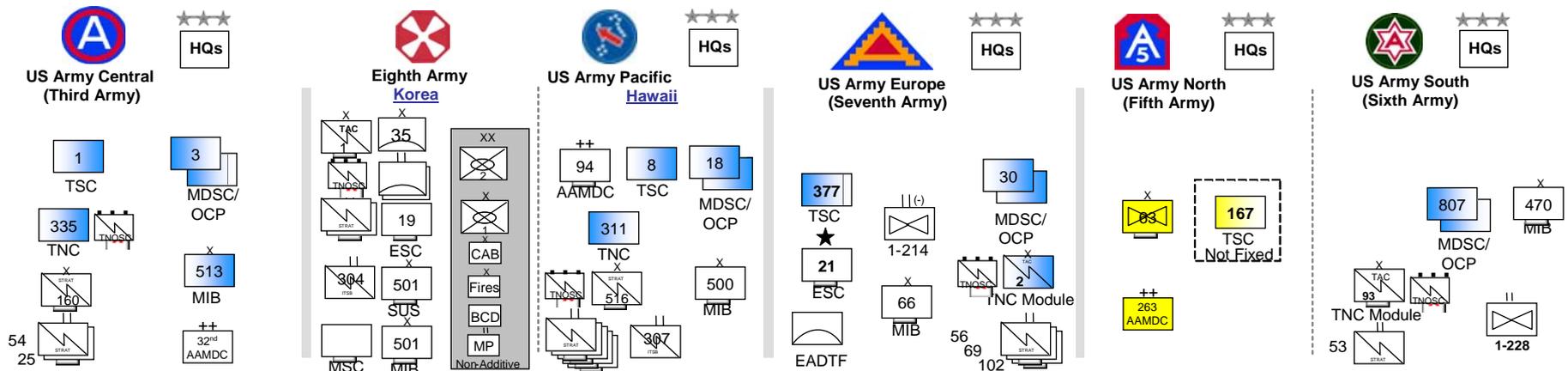




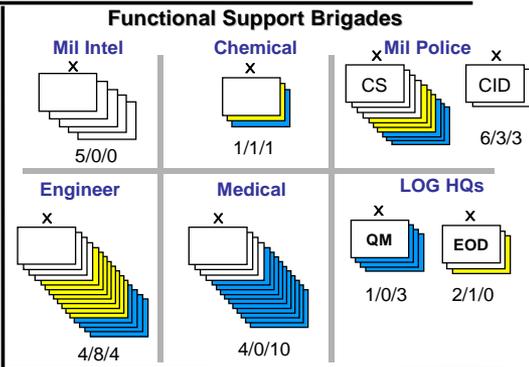
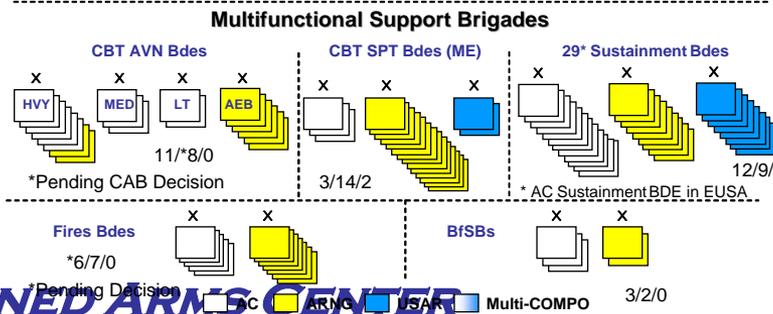
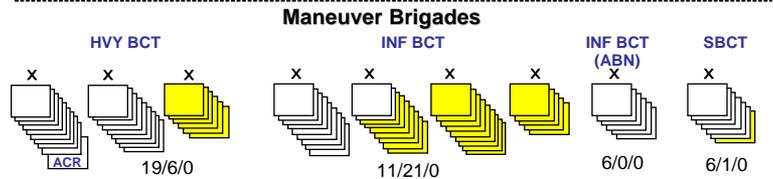
Army Operating Force iaw TAA 08-13

Operational Knowledge Management "OKM Force"

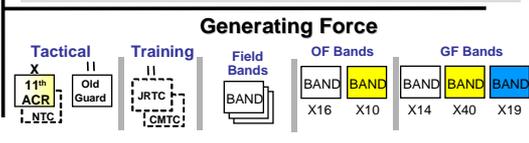
5 ASCCs, 3 Corps, 18 Divs, 76 BCTs, 21 SOF BFEs, 18 Theater Bdes, 134 FSB/MFSBs (275 C2/BC HQs)



Branch	Active	Guard	Reserve	Total	Spac	Total Units
Chemical	3.4K	4.8K	5.2K	13.4K		125
Engineer	17.7K	33.9K	19.6K	71.2K		757
Signal	8.7K	3.2K	2.8K	14.7K		95
Military Police	11.4K	21.6K	9.6K	42.6K		368
Military Intelligence	5.6K	2.2K	2.5K	10.3K		63
Space	0.7K	0.5K	0.2K	1.4K		29



Branch	Active	Guard	Reserve	Total	Spac	Total Units
Medical	5.9K	4.3K	14.9K	25.1K		317
Ordnance/Maintenance	8.3K	10.7K	3.8K	21.8K		340
Quartermaster/Supply	7.5K	4.1K	14.8K	26.4K		232
AG/Band	0.8K	0.2K	3.6K	4.6K		291
Finance	1.3K	0.9K	0.8K	3.0K		117
Public Affairs	0.2K	0.8K	0.6K	1.6K		102
Transportation	10.9K	20.4K	17.4K	48.7K		482
LOG HQs	1.4K	2.9K	1.1K	5.4K		71





TRAINING – What's next?

- **Professional Military Education**
 - Officer Education System
 - NCO Education System
- **A960 Course @ CGSC**
- **Courses meet CGSC standards**
 - Advance Sheet
 - Program of Instruction
- **Joint KM Training**
 - COCOMs
 - JTFs
- **Resources...**





LEADER DEVELOPMENT

- **Warfighter Forums**
 - Maneuver Bdes
 - Functional Bdes
 - Multifunctional Bdes
- **Teams of Leaders (virtual teaming)**
- **Check Point 4 Video**
- **Professional Forums**





Knowledge Networks

Unit Network:

1st CAV

40th ID

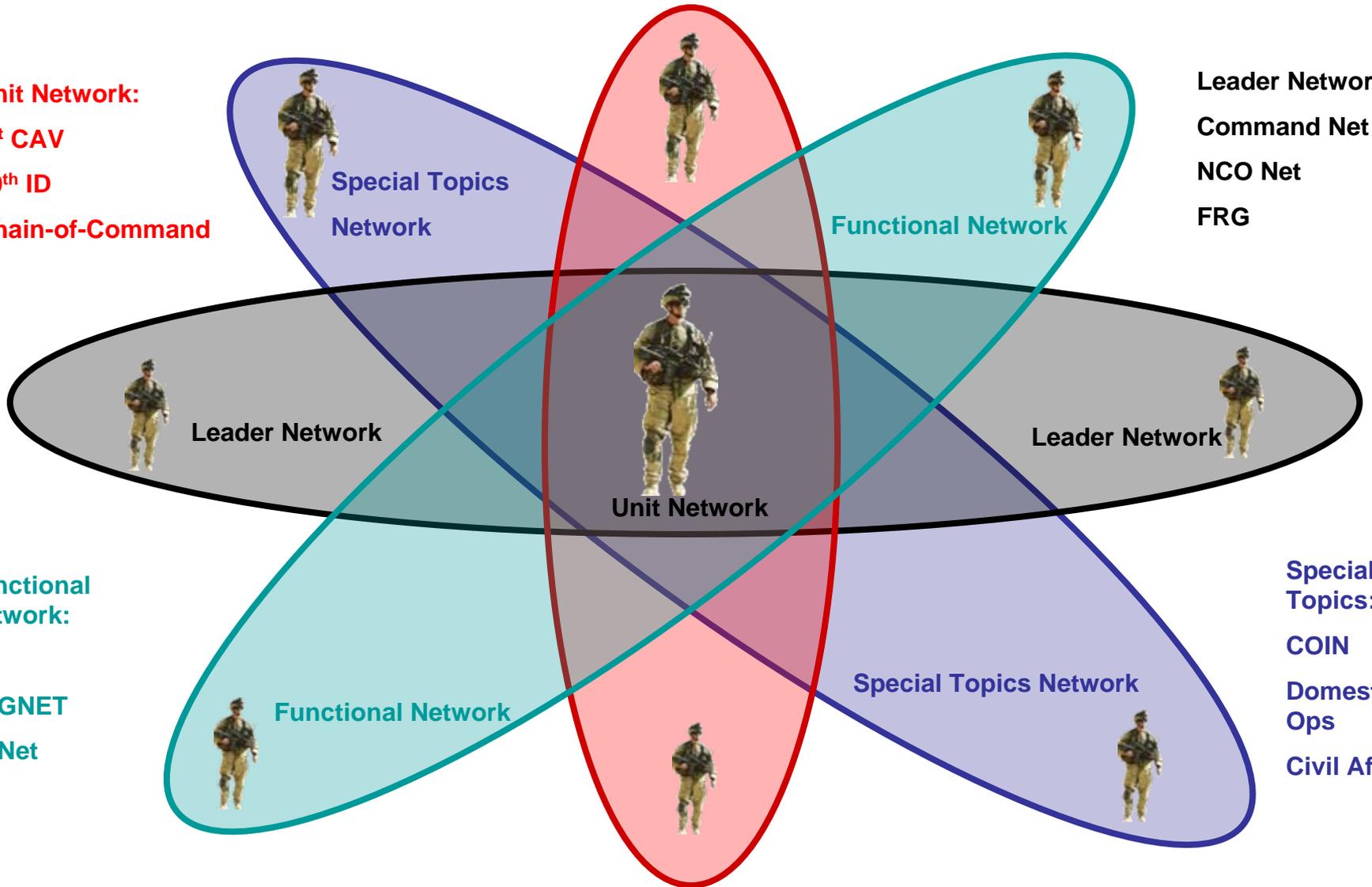
Chain-of-Command

Leader Network:

Command Net

NCO Net

FRG



Special Topics Network

Functional Network

Leader Network

Unit Network

Leader Network

Functional Network

Special Topics Network

Functional Network:

S1

LOGNET

MI Net

Special Topics:

COIN

Domestic Ops

Civil Affairs



PERSONNEL

- **KM Qualification**
- **Additional Skill Identifier**
- **Functional Area Specialty**
- **Requires a special person...**



Where's the KM Running Man?

D
O
T
M
L
P
F
R

- FM 3-0; FM 6-01.1 (KM Section)
- KM Handbooks
- Organizational KM SOPs



KM in Doctrine

- Corps & division KM Cells approved Jun 08
- COE KM Sections being established today
- ACOM efforts being integrated



KM Duty Positions

- Some Training courses available
- Train the trainers program being developed
- Resource shortfalls stifling execution



Learning Organization

- Some standard solutions
- Many disparate efforts
- Strong forces resisting change



Single BC System

- CGSC/USASMA/SCP/COE KM courses
- Expanding across the Army/DoD (DAU/NPS)
- Standard POI & lesson plans being developed



Knowledge Age Leaders

- Professionals required at all echelons
- May be additional duty at CO level
- FA57 community embracing



KM Career Path

- Need adequate NIPR/SIPR
- Need to take advantage of BCTCs



Easy Online Access

- Attempting strategic implementation with pilot program resources
- Cannot meet Soldiers' or Leaders' needs
- Some Concept and Campaign Plans developed, not resourced



Resource Assurance

Why KM matters...

Sharing experiences leads to lessons that may save Soldiers' lives and lead to more effective operations.

The first crash of an Air Force B2 stealth bomber occurred in Guam on 23 February 2008. Both pilots ejected safely just after the left wing made contact with the ground. Investigators laid the cause of the crash on moisture in sensors and estimated the loss of the aircraft at \$1.4 billion. The crash probably could have been avoided if knowledge of a technique to evaporate the moisture had been disseminated throughout the B-2 program, according to the head of the investigation board.

Learned by some crews two years earlier, the technique essentially heats the sensors and evaporates any moisture before data calibrations. "This technique was never formalized in a technical order change or captured in 'lessons learned' reports. Only some pilots and some maintenance technicians knew of the suggestion.

The report concluded, "The human factor of communicating critical information was a contributing factor to this mishap." Feb 2008



Cost: \$1.4 Billion



Questions?

