

Incidental Paper

**Seminar on Command, Control,
Communications and Intelligence**

Guest Presentations, Spring 1985:

Samuel P. Huntington, Lincoln Faurer, Richard Stilwell,
Archibald Barrett, Richard DeLauer, Donald Latham,
Robert Herres, Robert Hilton

**Program on Information
Resources Policy**

Harvard University
Center for Information Policy Research
Cambridge, Massachusetts

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Resources Policy

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John F. McLaughlin
Anthony G. Oettinger

Introduction

The papers in this volume are lightly edited transcripts of presentations and discussions ordered in the sequence in which they took place. The informality of oral exposition interrupted by questions or comments has been preserved. Only pauses and repetitions have been eliminated and tripping sentences have been smoothed. Substance has, as far as possible, been left unaltered. All guests made their presentations in open forum, forewarned that neither classified nor proprietary matters are appropriate in a university classroom.

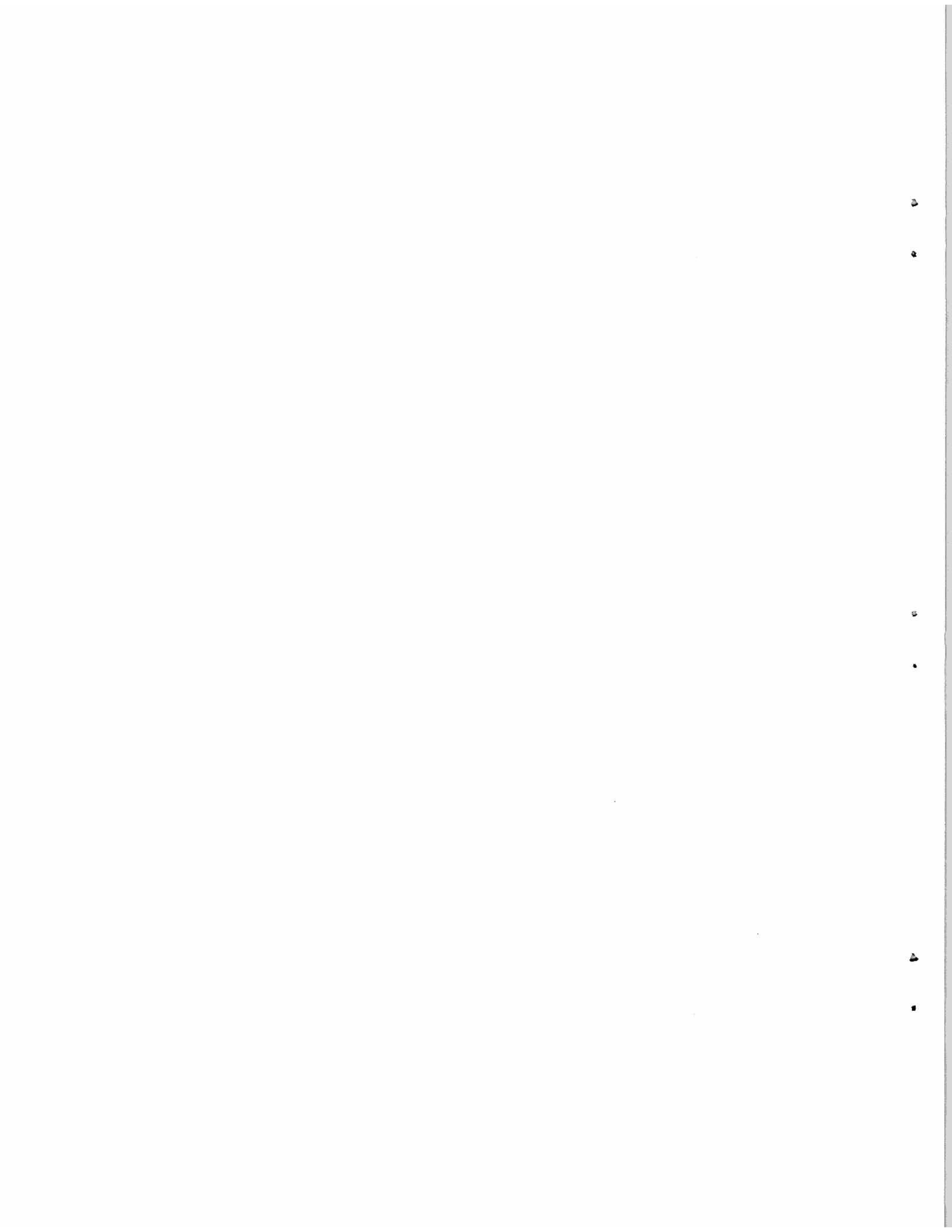


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Glossary

ABM	Anti-Ballistic Missile	GPS	Global Positioning System
ADCOM	Aerospace Defense Command	GWEN	Groundwave Emergency Network
ASAT	Anti-Satellite (weapons)	HUMINT	Human-derived (military) Intelligence
ASD	Assistant Secretary of Defense	IMINT	Imagery (military) Intelligence
ASAR	Advanced Synthetic Aperture Radar	INCSEA	Incidents at Sea, a 1972 agreement between the U.S. and the U.S.S.R. on the prevention of incidents on the high seas.
AW/AA	Attack Warning/Attack Assessment	JCS	Joint Chiefs of Staff
AWACS	Airborne Warning and Control System	JSOA	Joint Special Operations Agency
BETA	Battlefield Exploitation and Target Acquisition. (The forerunner of LOCE.)	JSOC	Joint Special Operations Command
BMEWS	Ballistic Missile Early Warning System	JTIDS	Joint Tactical Information Distribution System
BSTS	Boost Surveillance Tracking System	LANTCOM	U.S. Atlantic Command
C ²	Command and Control	LANTFLT	U.S. Atlantic Fleet
C ³	Command, Control, and Communications	MAC	Military Airlift Command
C ³ I	Command, Control, Communications, and Intelligence	MILSTAR	Military Strategic, Tactical, and Relay (satellite communications system)
CENTCOM	U.S. Central Command	MSE	Mobile Subscriber Equipment
CCP	Consolidated Cryptologic Program	NCA	National Command Authorities
CNO	Chief of Naval Operations	NDS	Nuclear Detection System. (Part of the Global Positioning System.)
CNN	Cable News Network	NEACP	National Emergency Airborne Command Post
COMSEC	secure communications equipment	NETS	National Emergency Telephone System
CSIS	Center for Strategic and International Studies	NMCC	National Military Command Center
DCI	Director, Combat Intelligence	NMCS	National Military Command System
DIA	Defense Intelligence Agency	NMIC	National Military Intelligence Center
DOD	Department of Defense	NORAD	North Atlantic Aerospace Defense command (U.S. and Canada)
DSCS	Defense Satellite Communications System	NSA	National Security Agency
DSP	Defense Support Program	NSC	National Security Council
EUCOM	U.S. European Command	O&M	Operations and Maintenance
EOP	Executive Office of the President	OJCS	Office of the Joint Chiefs of Staff
EHF	Extra High Frequency	OPSEC	Operations Security
EMP	Electromagnetic Pulse	OSD	Office of the Secretary of Defense
ENSCE	Enemy Situation Correlation System. (An Air Force prototype intelligence data fusion system.)		

OTH-B	Over-the-Horizon Backscatter (radar)	SIGINT	Signals (military) Intelligence
PACOM	Pacific Command	SOUTHCOM	U.S. Southern Command
R&E	Research and Engineering	SPRAA	Strategic Plans and Resource Analysis Agency
RECCE	Reconnaissance	SSBN	Nuclear Powered Ballistic Missile Submarine
REDCOM	U.S. Readiness Command	TAC	Tactical Air Command
RDT&E	Research, Development, Test, and Evaluation	TACAN	Tactical Aid to Navigation
ROC	Required Operational Capability	TCP	Tactical Cryptologic Program
SAC	Strategic Air Command	TRI-TAC	Tri-Service Tactical Digital Communications System
SACEUR	Supreme Allied Commander, Europe	USAFE	U.S. Air Forces, Europe
SACLANT	Supreme Allied Commander, Atlantic	USNAVEUR	U.S. Naval Forces, Europe
SDI	Strategic Defense Initiative	USAREUR	U.S. Army, Europe
SDIO	Strategic Defense Initiative Organization	USD R&E	Under Secretary of Defense, Research and Engineering
SECDEF	Secretary of Defense	WWMCCS	Worldwide Military Command and Control System
SHF	Super High Frequency	UHF	Ultra High Frequency