

FOIA MARKER

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Series/Staff Member:
Subseries:

OA/ID Number: 43311
FolderID:

Folder Title:
National Telecommunications and Information Agency (NTIA) [1]

Stack:	Row:	Section:	Shelf:	Position:
S	1	1	7	3

~ 70 persons at Del.
~ 112 ~ 13 M. J. J. J. J.

DEPARTMENT OF COMMERCE
NATIONAL TELECOMMUNICATIONS AND INFORMATION AGENCY
INSTITUTE FOR TELECOMMUNICATION SCIENCES

Capabilities for supporting the Critical Information Infrastructure Protection program include:

- National data base of radio propagation and channel characteristics, with associated radio performance computer prediction programs, used extensively by federal agencies and industry for Spectrum management, planning and assignment; ITU Radio Conference preparation; system planning, design, and operations of broadcasting, satellite, point-to-point, and mobile communication systems.
- Mobile radio spectrum measurement systems that have unique measuring capabilities which allow measurements to be made in automatic, semiautomatic, or manual modes with high sensitivity at frequencies between 1MHz and 96 GHz.
- Laboratory and field site facilities providing test bed, simulation, and other measurement processes for system evaluation, include optical fiber, twisted pair, and satellite links, that use synchronous optical network/asynchronous transfer mode (SONET/ATM) protocols and standards and open systems supporting 10Base-T and 100Base-TX ethernet using Internet TCP/IP protocols.
- Experienced telecommunication engineers, broadly knowledgeable with regard to telecommunication system analysis, planning, performance measurements, security and protection, and standards.
- A history of broad involvement and interactions with private sector telecommunication system operators and manufacturers in a variety of forums, including standards activities and cooperative research.
- A history of broad involvement and interactions which provide research and expert services to a wide spectra of federal and some state agencies.
- Originators of advanced techniques, of industry accepted standard methods for user oriented, objective, perception based, non-invasive performance measures for data, audio, video, and multimedia information transmission through the use of transportable computers.

GOVERNMENT AGENCY PARTNERSHIP

NCS - FAA - FHWA - DOD - DOA - NSA - NIJ - FRA

NATIONAL SYSTEMS PLANNING / TESTING

NATIONAL COMMUNICATIONS SYSTEM

STATE PUBLIC SAFETY PLANNING

NATIONAL TELECOMMUNICATIONS STANDARDS

INTELLIGENT TRANSPORTATION SYSTEMS

GLOBAL POSITIONING SYSTEM

FEDERAL RAIL SAFETY

COMMERCE NEXT-GENERATION TELECOMMUNICATIONS

FOREST SERVICE TEN-YEAR PLAN

NATIONAL / INTERNATIONAL SPECTRUM MANAGEMENT

NTIA

FEDERAL AGENCIES

FCC

WARC PLANNING

Global Information Infrastructure

National Information Infrastructure

U.S. Department of Commerce

NTIA

★ Policy

★ Spectrum

Management

INSTITUTE FOR TELECOMMUNICATION SCIENCES

RESEARCH

MEASUREMENTS

MODELING

SIMULATION

SYSTEMS ANALYSIS AND PLANNING

STANDARDS DEVELOPMENT AND COORDINATION

PERFORMANCE AND SECURITY

WIRED AND WIRELESS UNIVERSE

INDUSTRY PARTNERSHIP

SYSTEM OPERATORS - MANUFACTURERS - STANDARDS BODIES

CRADA - TECHNOLOGY TRANSFER

RESEARCH (Cellular, PCS, LMDS)

PATENT LICENSES

AUDIO AND VIDEO QUALITY OF SERVICE

ON-LINE SYSTEM DESIGN

(BROADCASTERS, FCC SPECTRUM AUCTIONS, SYSTEM DESIGNERS)

ITU / DOMESTIC STANDARDS

LEADERSHIP // COORDINATION // MEDIATION

TECHNICAL CONTRIBUTIONS

OBJECTIVE QUALITY OF SERVICE MEASURES

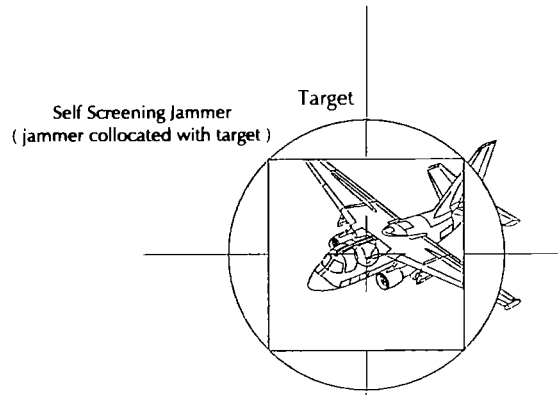
DATA, AUDIO, VIDEO, MULTIMEDIA

INTERNET APPLICATIONS

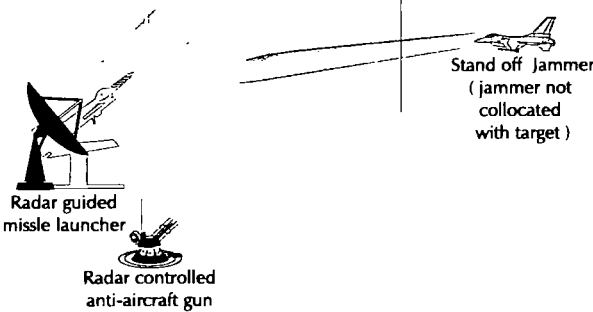
70% of funds come from non-DOC

Jammer Effectiveness Model

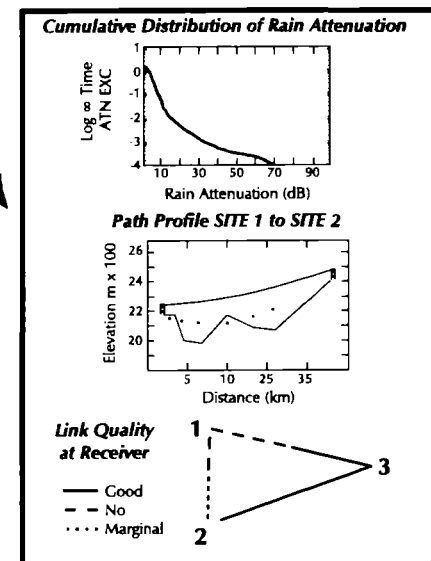
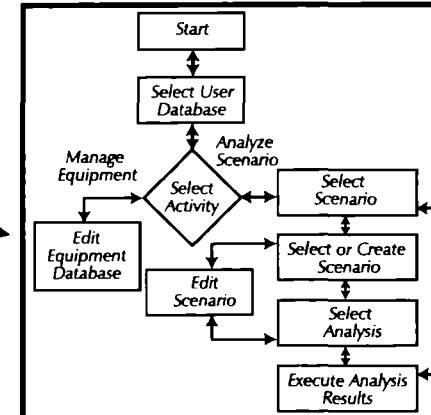
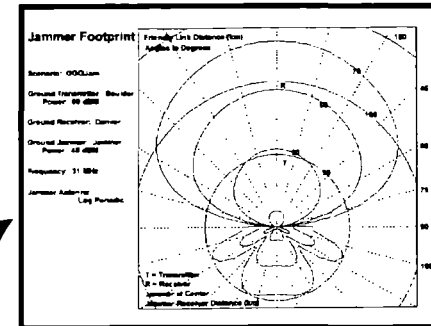
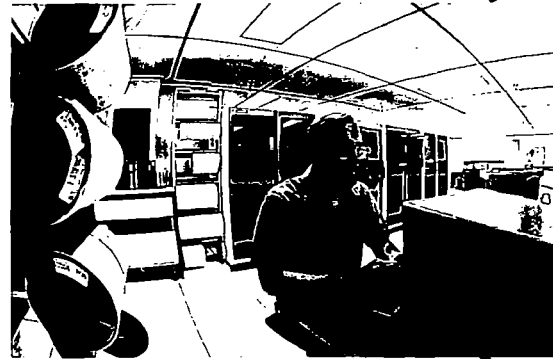
Analysis Outputs



Scenario

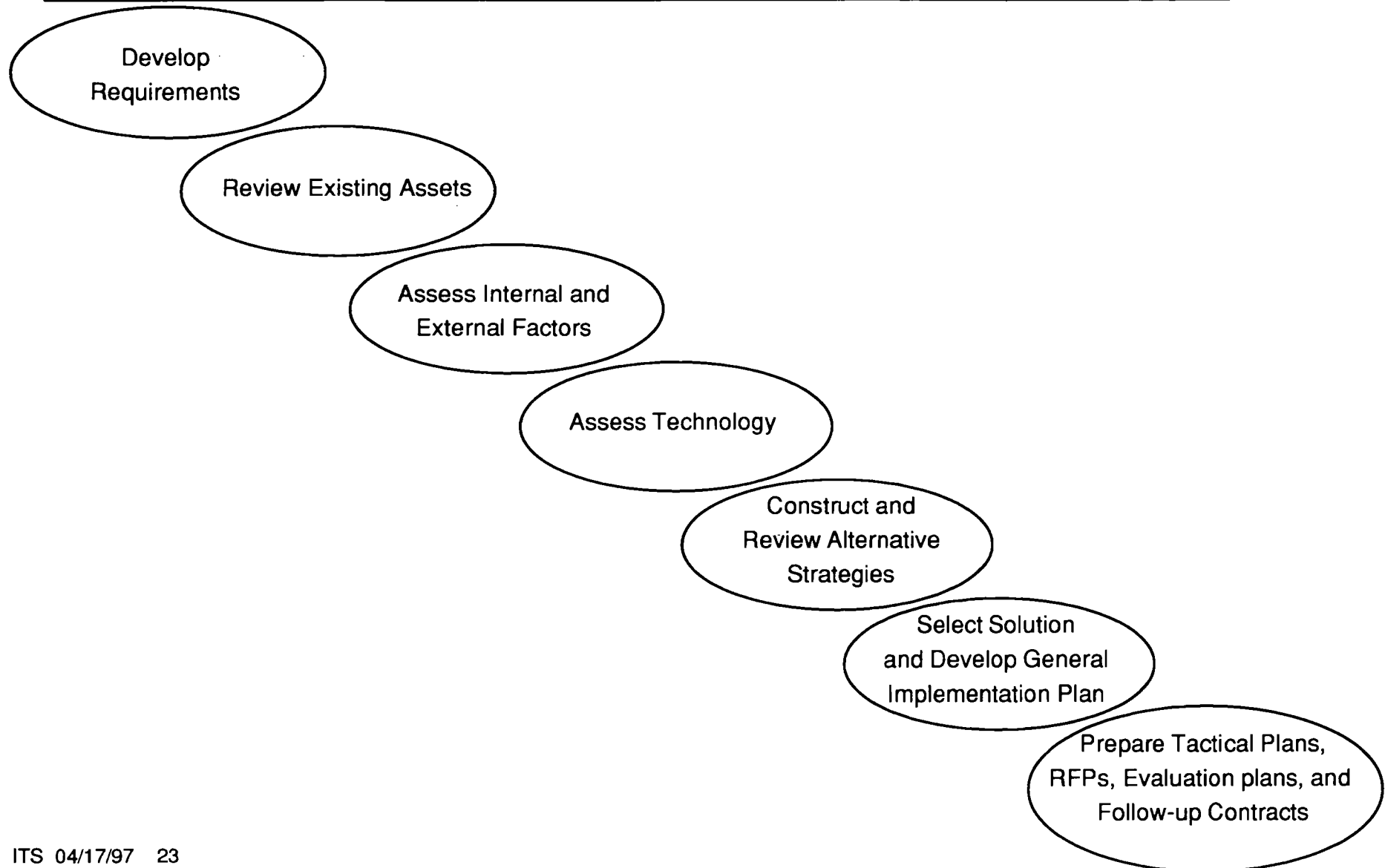


Scenario



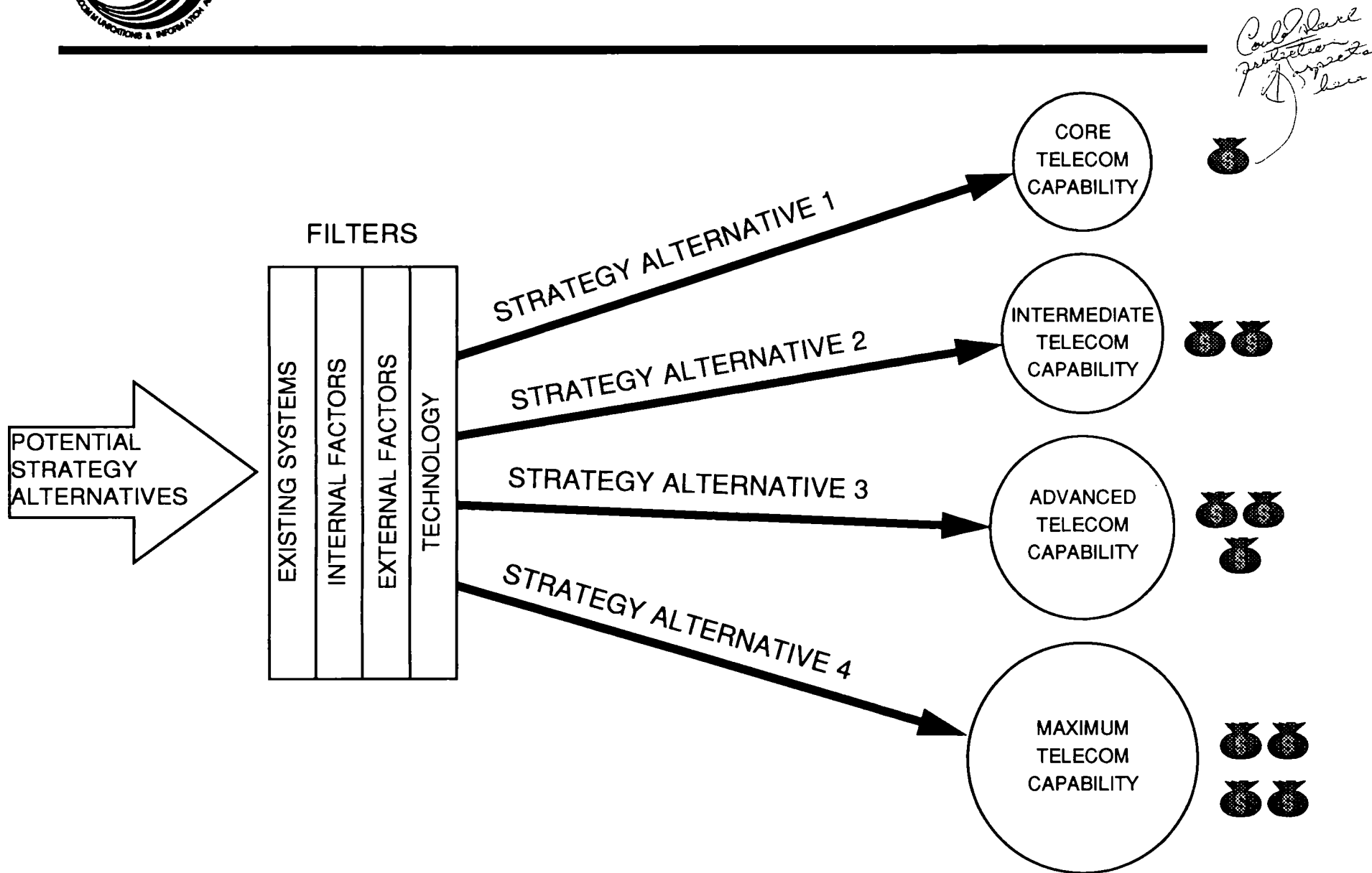


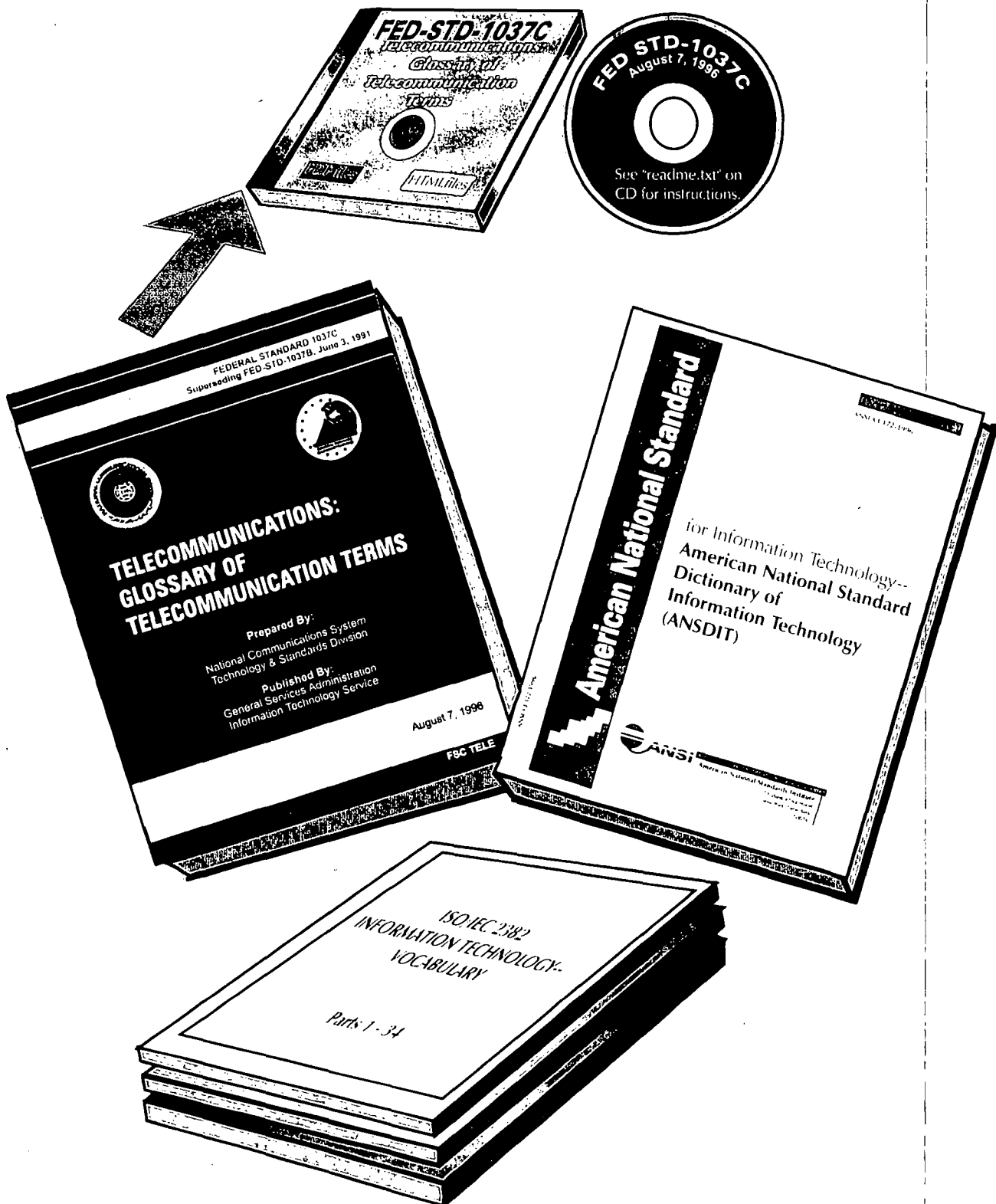
PLANNING PROCESS





STRATEGIC ALTERNATIVES





Debra www.nia.doc.gov

File Edit View Go Bookmarks Options Directory Window Help

Location: <http://ntia.itd.bldrdoc.gov/~bing/ts-1037c/ts-1037c.html>

What's New! What's Cool! Handbook Net Search Net Directory Software

D region

D region: That portion of the ionosphere existing approximately 50 to 95 km above the surface of the Earth. (188) Note: Attenuation of radio waves, caused by ionospheric free-electron density generated by solar radiation, is pronounced during daylight hours. Because solar radiation is not present at night, ionization ceases, and hence attenuation of radio waves ceases.

Pict <click>

This HTML version of TS-1037C was last generated on Thu Aug 15 06:10:18 MDT 1996

- down-converter
- downlink
- downstream
- downtime
- DPCM
- DPSK
- D region** <click>
- drop
- drop and insert
- drop channel operation
- dropout
- drop repeater
- drum factor
- drum speed
- DS
- DSA
- DSA board
- DSB
- DSB board
- DSB-SC
- DSC
- DSE

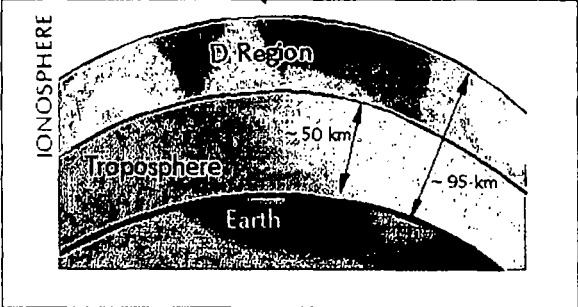
9:30
8/15/96
Good Morning

Welcome Help Hints Main Files Index A-Z

File Edit View Go Bookmarks Options Directory Window Help

Location: <http://ntia.itd.bldrdoc.gov/~bing/ts-1037c/ts-1037c.html>

What's New! What's Cool! Handbook Net Search Net Directory Software



D region

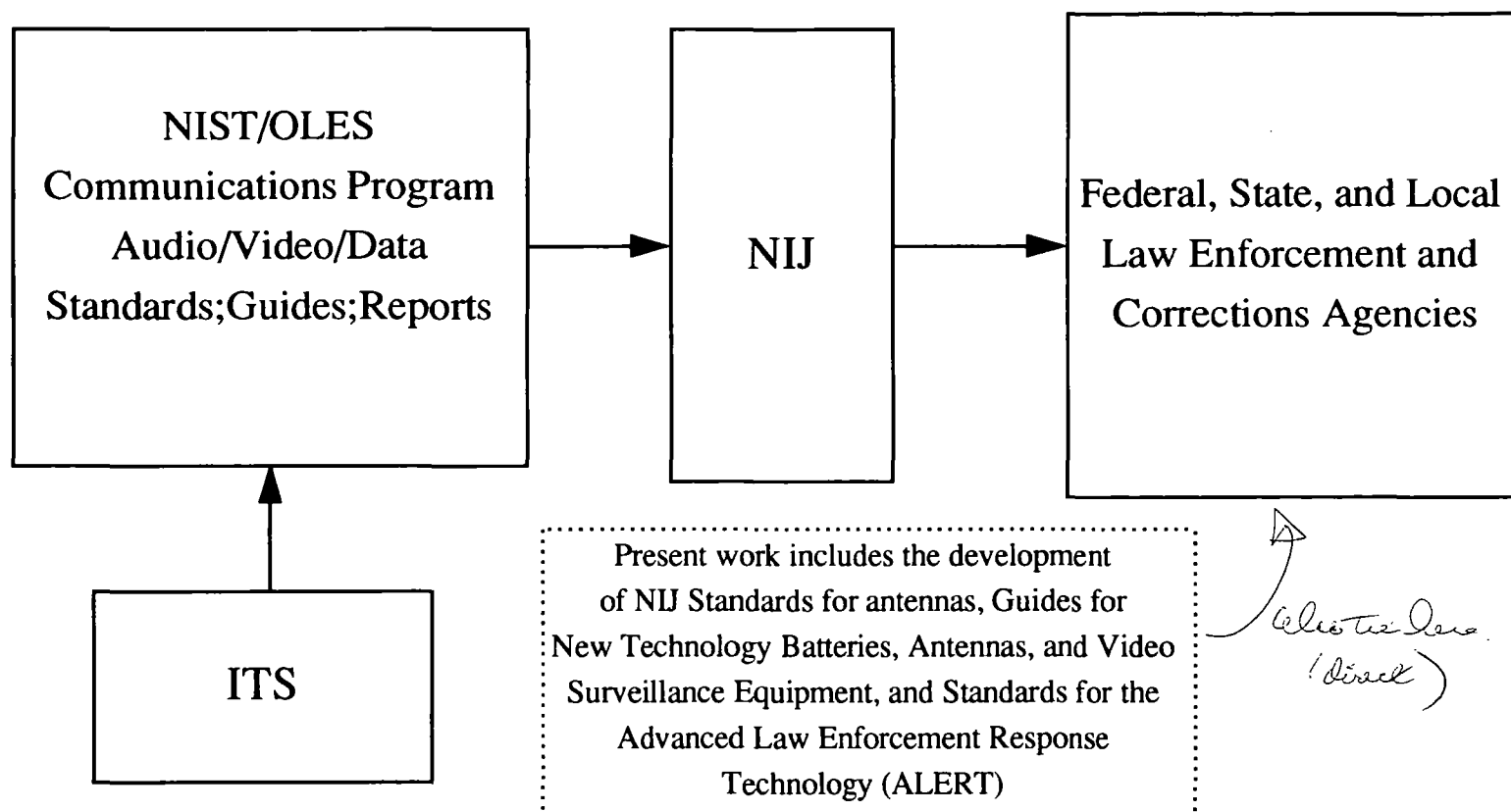
- down-converter
- downlink
- downstream
- downtime
- DPCM
- DPSK
- DODE
- D region
- drift
- drop
- drop and insert
- drop channel operation
- dropout
- drop repeater
- drum factor
- drum speed
- DS
- DSA
- DSA board
- DSB
- DSB board
- DSB-SC
- DSC
- DSE

9:30
8/15/96
Good Morning

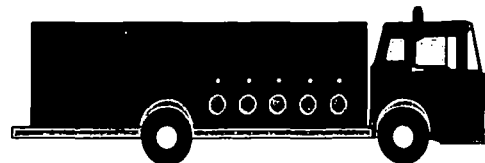
Welcome Help Hints Main Files Index A-Z



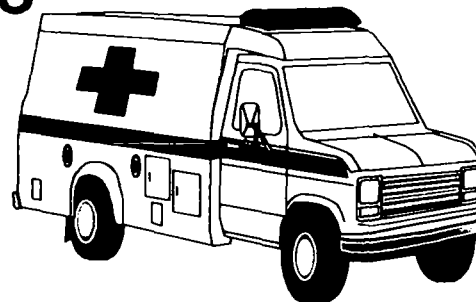
ITS TECHNICAL SUPPORT TO THE NIST Office of Law Enforcement Standards (OLES) COMMUNICATIONS PROGRAM



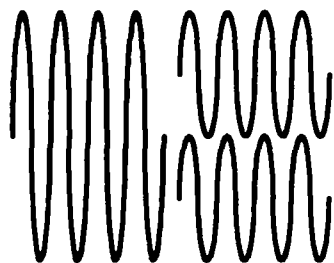
APCO/NASTD/FED Project 25



Standards For Public-Safety Digital Land Mobile Radio



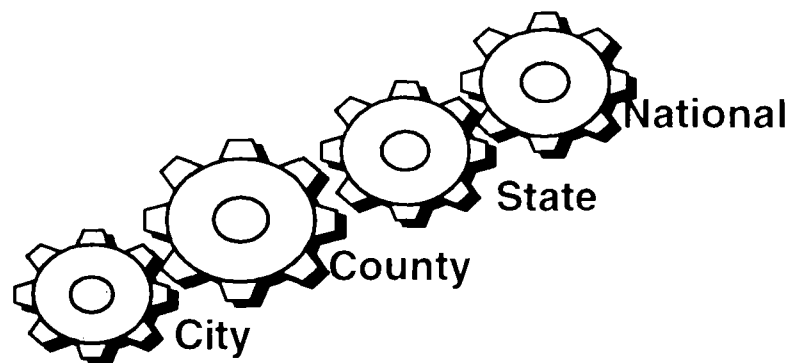
Objectives



- Obtain Maximum Radio Spectrum Efficiency



- Ensure Competition In System Life Cycle Procurements



- Allow Interoperable, Efficient And Reliable Intra-agency And Inter-agency Communications



- Provide User Friendly Equipment

Encryption

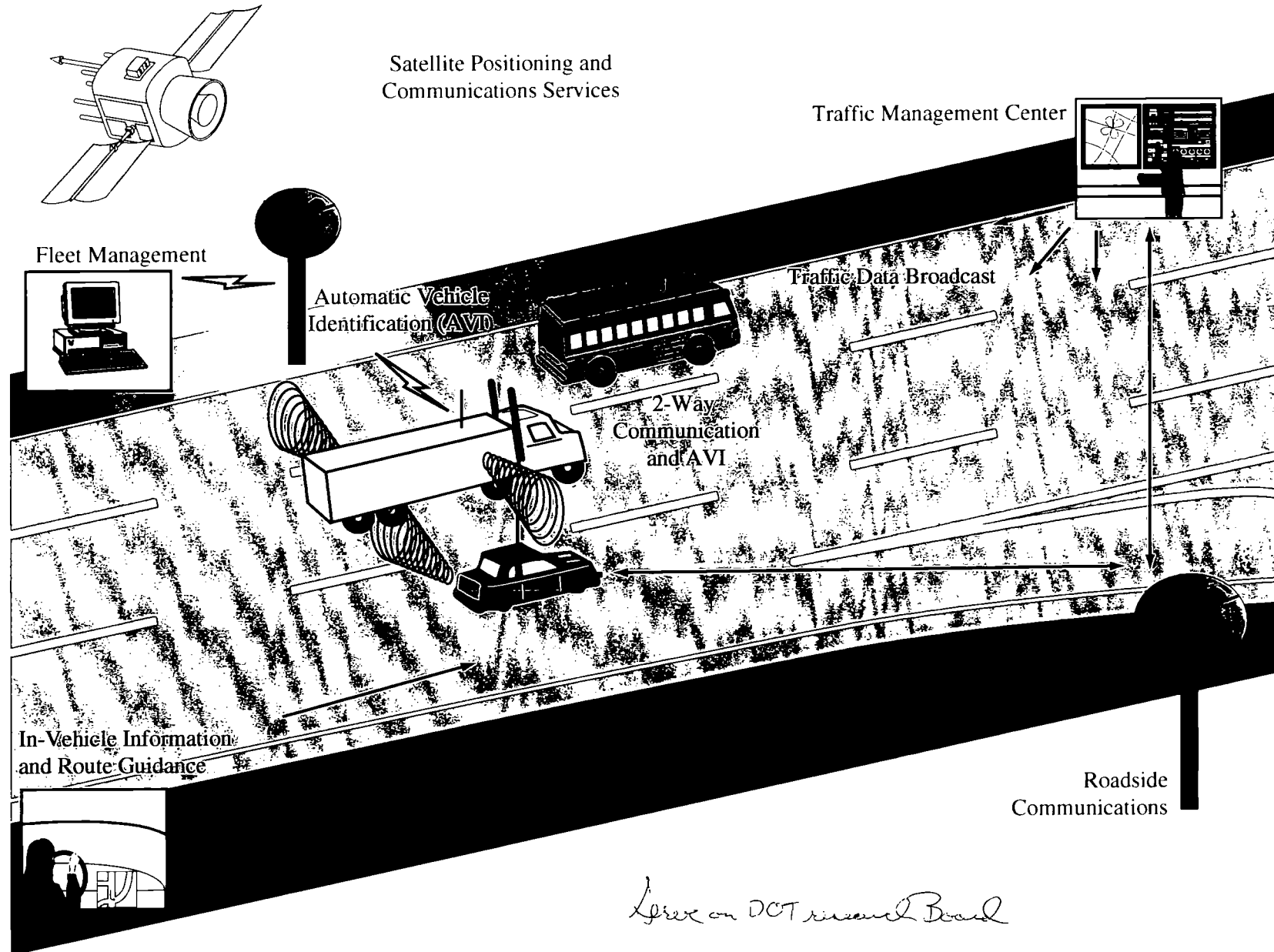
- ITS led Task Group consisting of Users and Manufacturers developed a set of standards defining interoperable voice and data encryption.
- Group also developed a standard protocol for Over-The-Air Rekeying (OTAR) of radios.

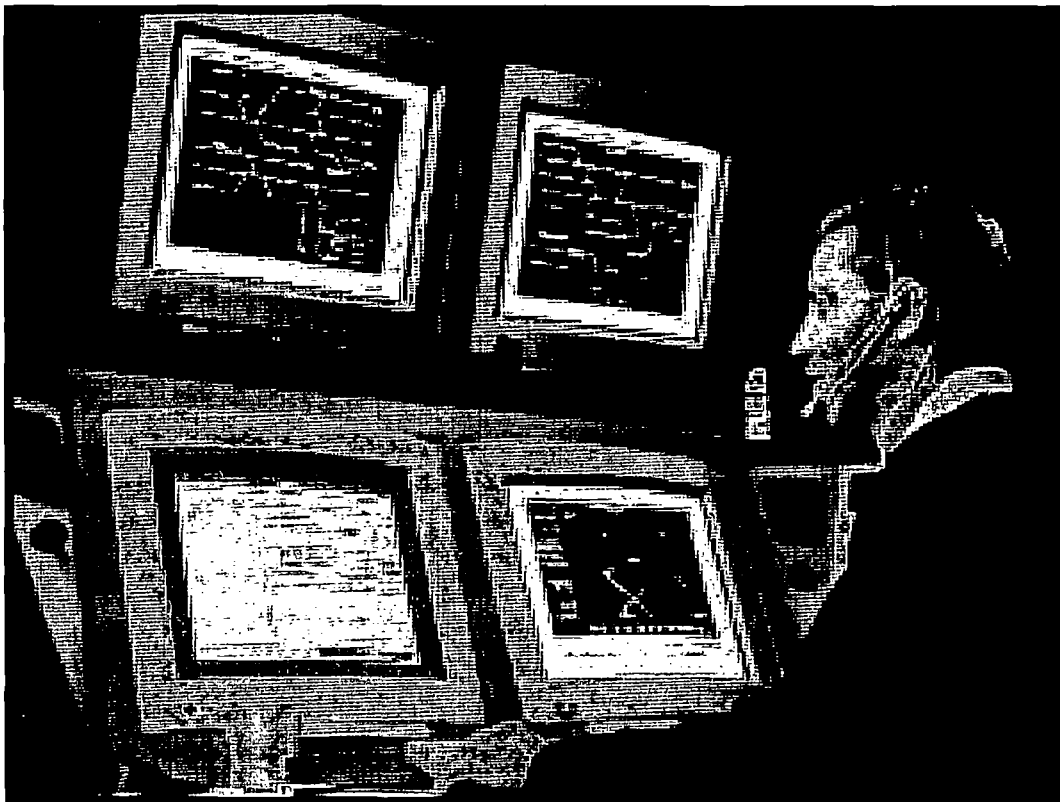
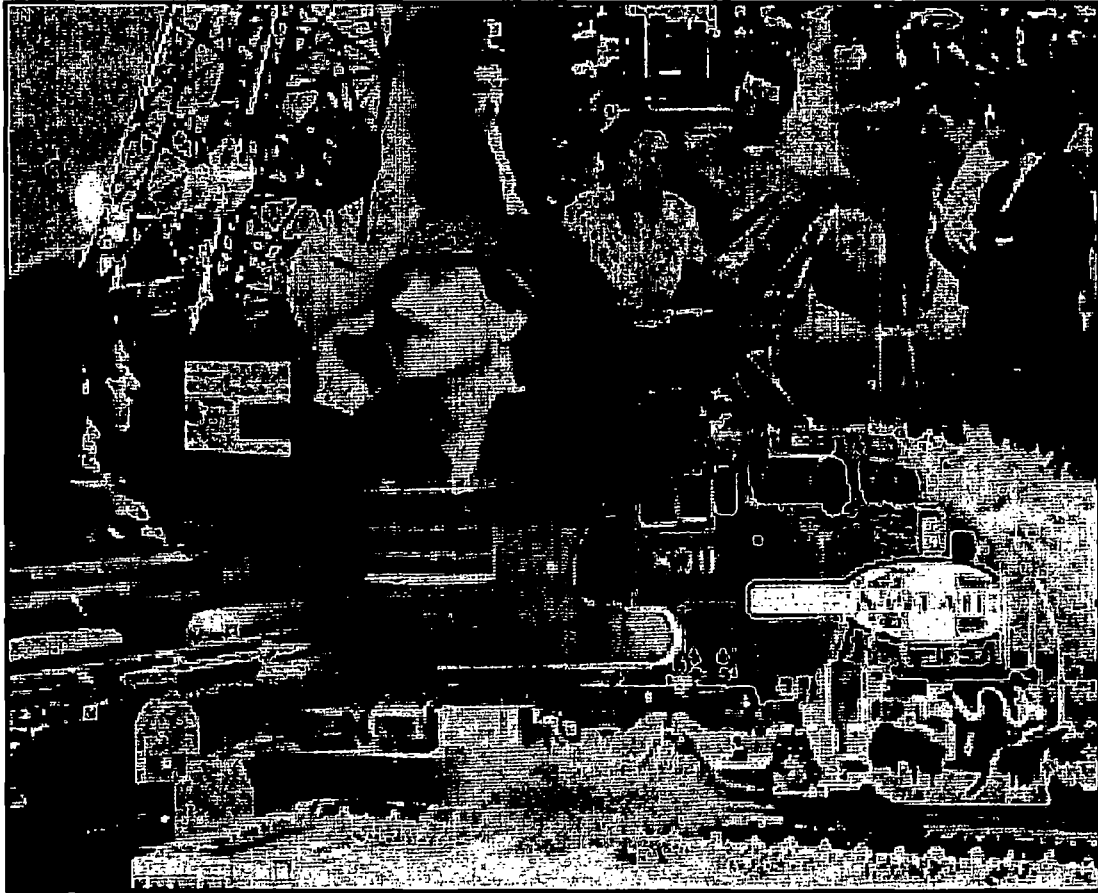


Dispatch

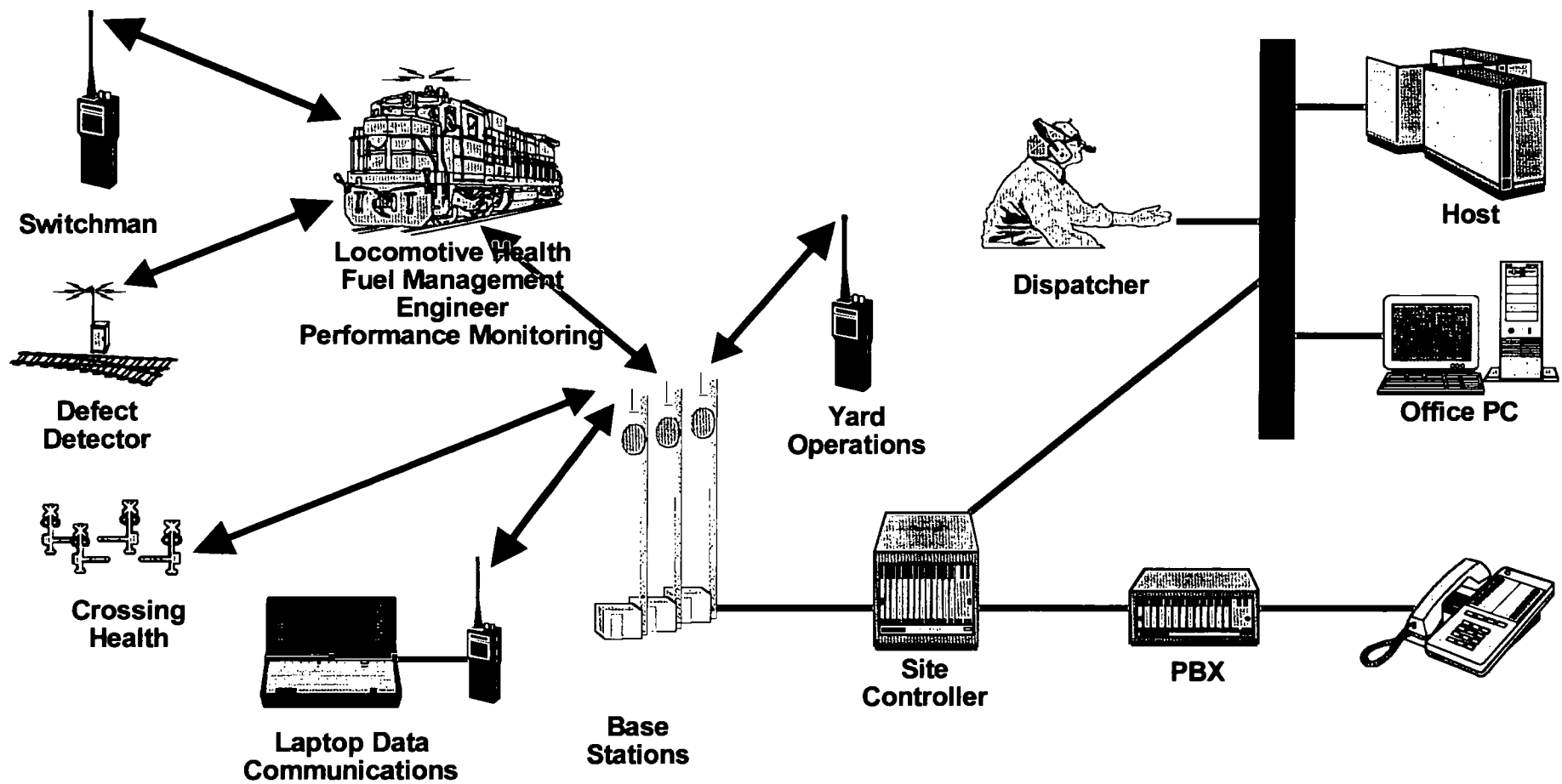
- * Capability for both Type 1 (DOD) and Type 3 (DES) encryption and OTAR.
- * Standards published by the TIA.

A conceptual design of the intelligent transportation system





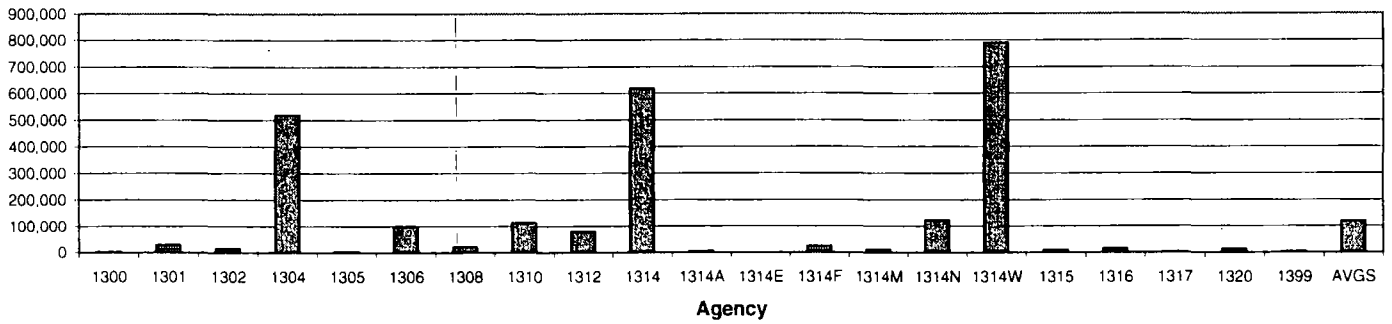
RAILROAD RADIO NETWORK



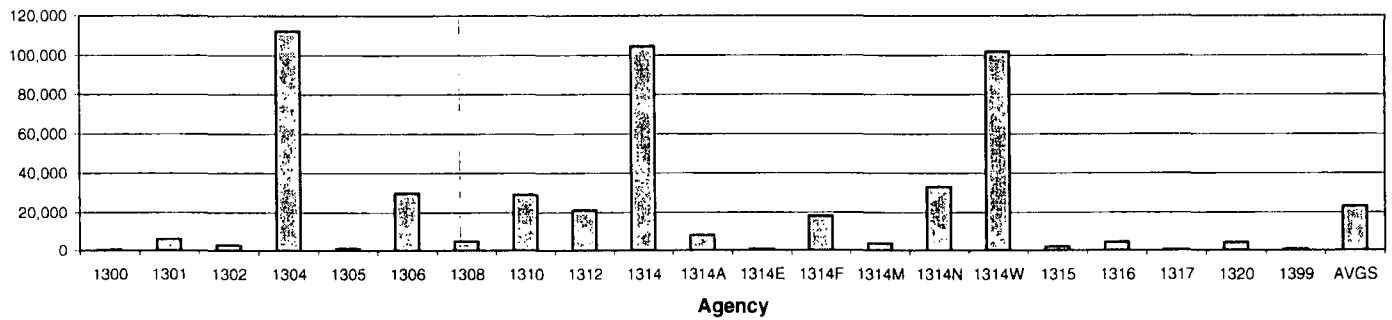


Commerce Wide All Services- Service Delivery Points

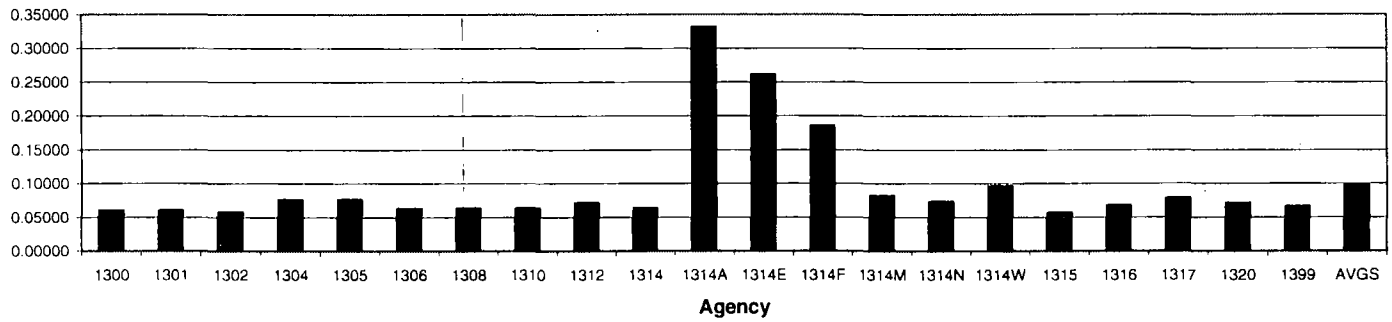
Total Number of Calls per Month



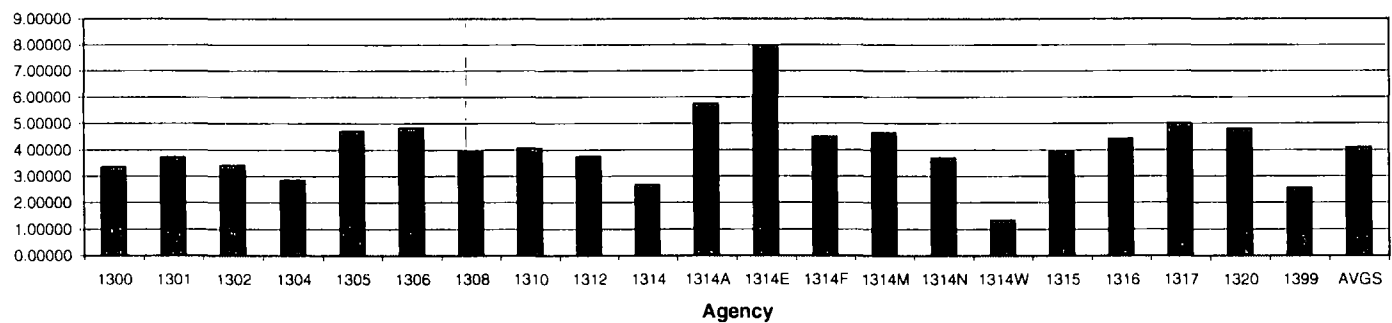
Total Monthly Charge



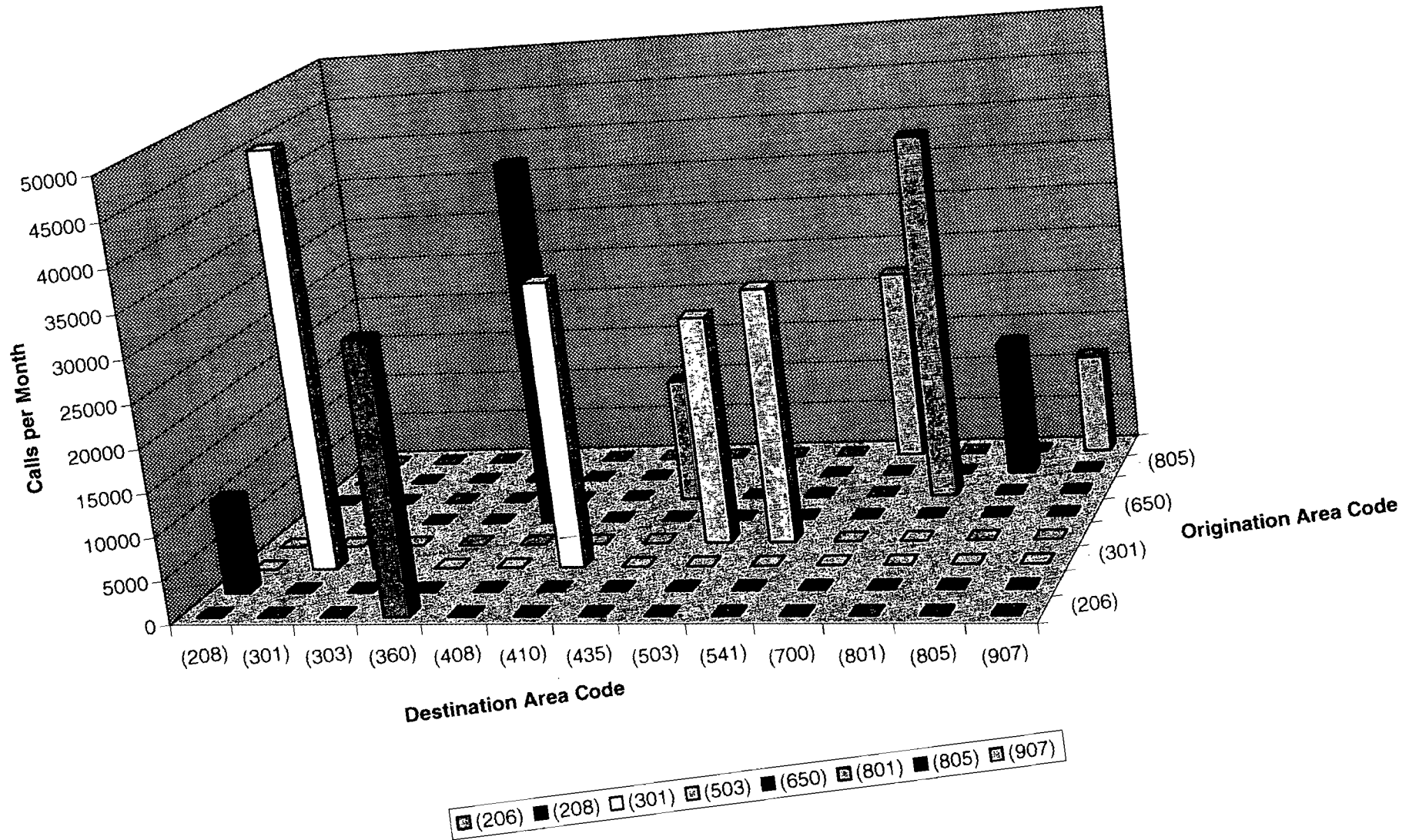
Average Phone Call Charge per Minute



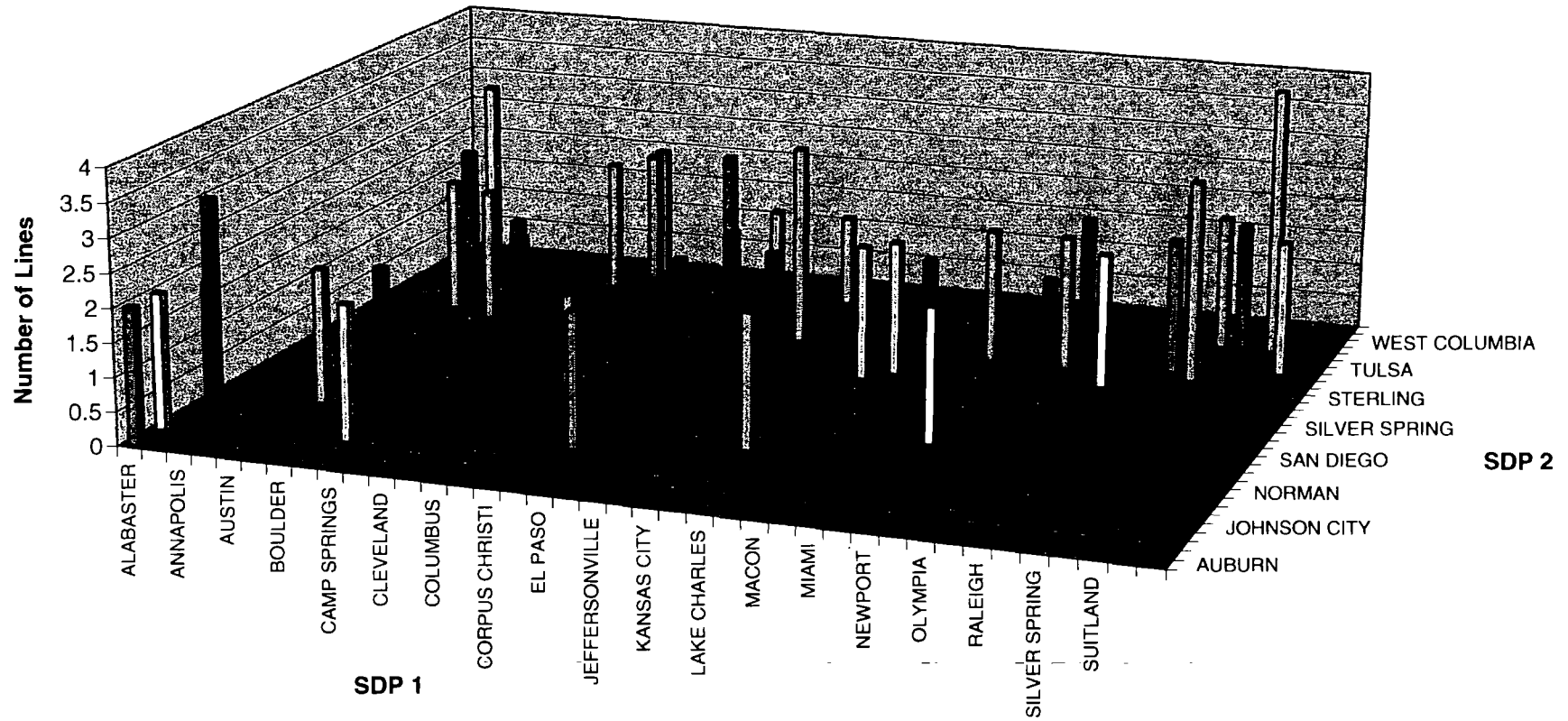
Average Phone Call Length



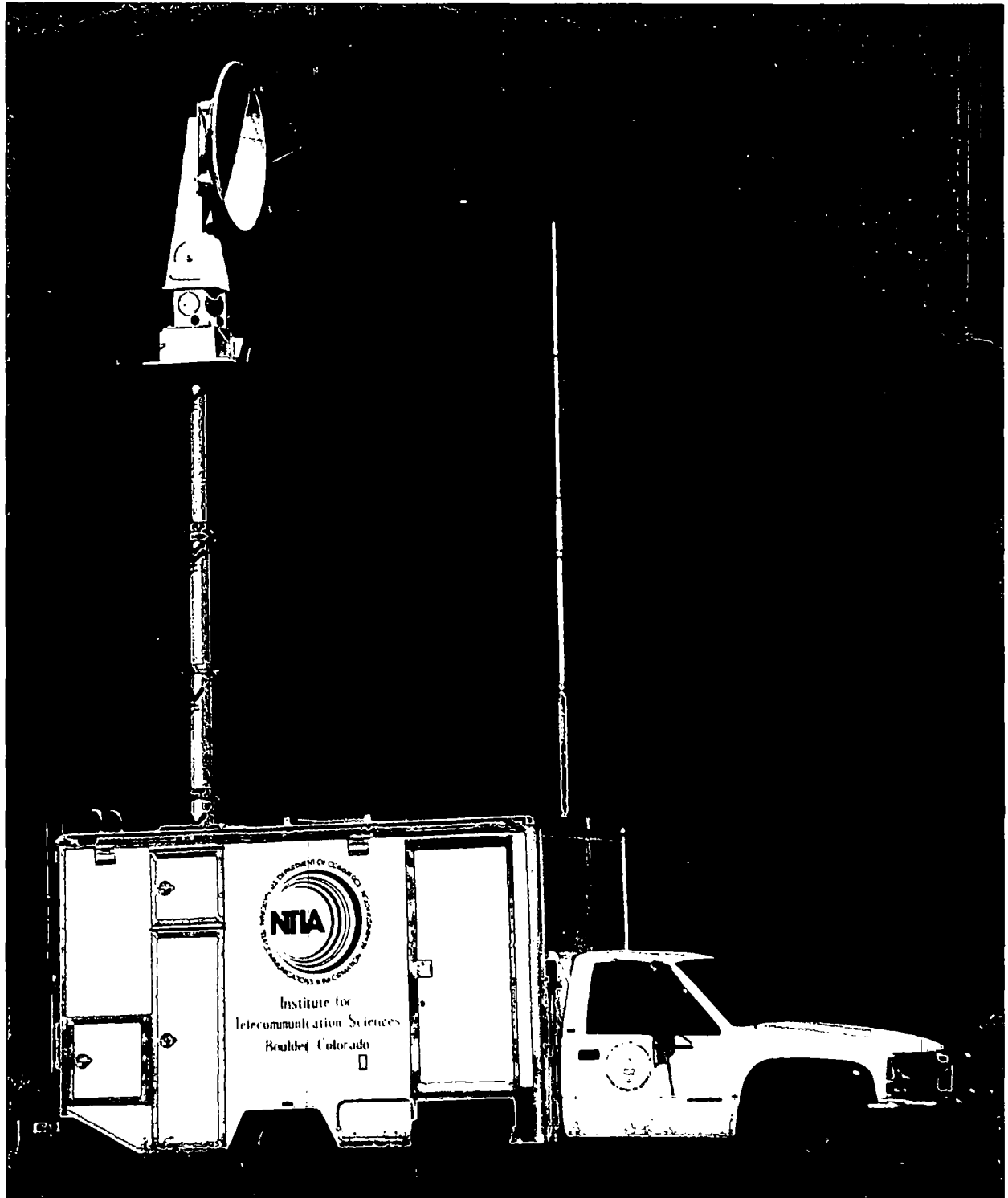
Number of Calls for Area Code Pairs



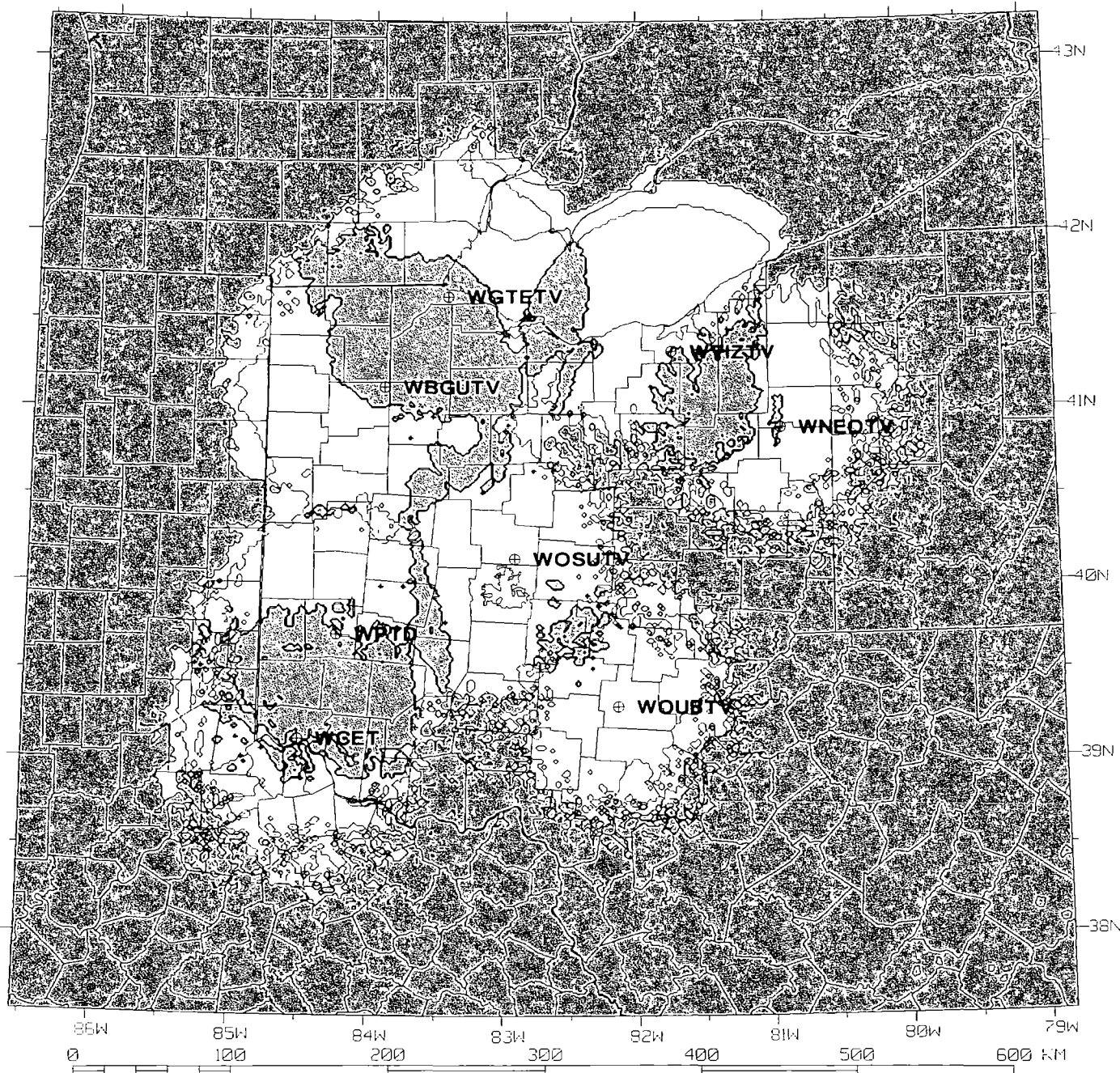
Duplicate DTS Lines



■ AUBURN	■ ERIE	□ HUNTSVILLE	■ JEFFERSONVILLE	■ JOHNSON CITY	■ MELBOURNE
■ MONTGOMERY	■ NEW BRAUNFELS	■ NORMAN	■ PEACHTREE CITY	□ PENSACOLA	■ RALEIGH
■ SAN DIEGO	■ SANTA TERESA	■ SAVANNAH	■ SEATTLE	■ SILVER SPRING	■ SLIDELL
■ SPOKANE	□ ST_CHARLES	■ STERLING	■ SUITLAND	■ TALLAHASSEE	■ TUCSON
■ TULSA	■ WAKEFIELD	■ WALLOPS ISLAND	■ WASHINGTON	■ WEST COLUMBIA	■ WILMINGTON



TR Services
 Television Non-Commercial Full
 OHIO Overlap
 23-Feb-97 09:42:47
 R5000Apr0898R.queries



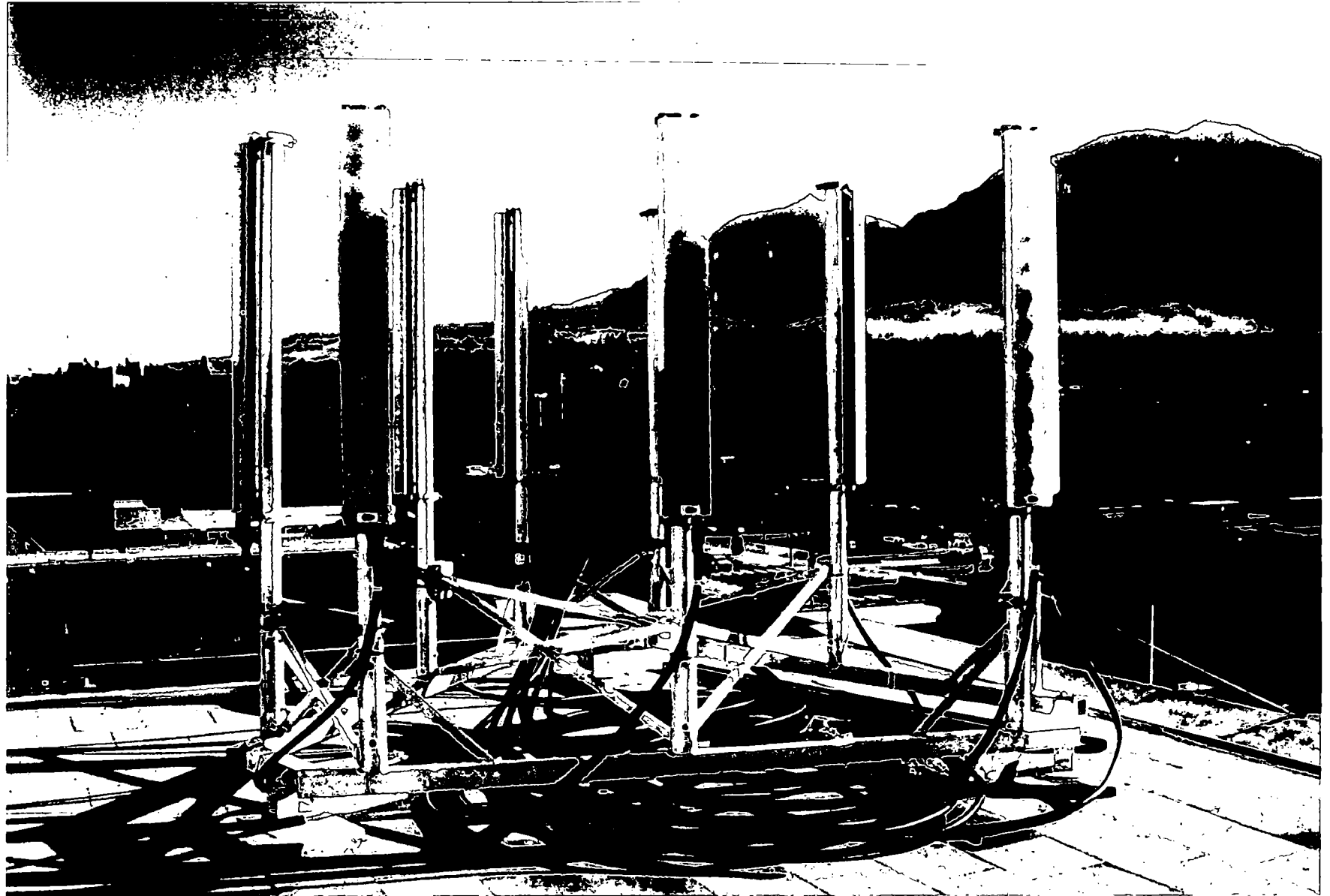
Field Intensity (dBu)

Grade A
 Area: 87610. sq km
 Population: 9079000.
 Households: 3193000.

Grade B
 Area: 28470. sq km
 Population: 2226000.
 Households: 777000.

Overlaped Grade A
 Area: 31150. sq km
 Population: 4100000.
 Households: 1419000.

Less than grade B
 Area: 265790. sq km
 Population: 15131000.
 Households: 5191000.

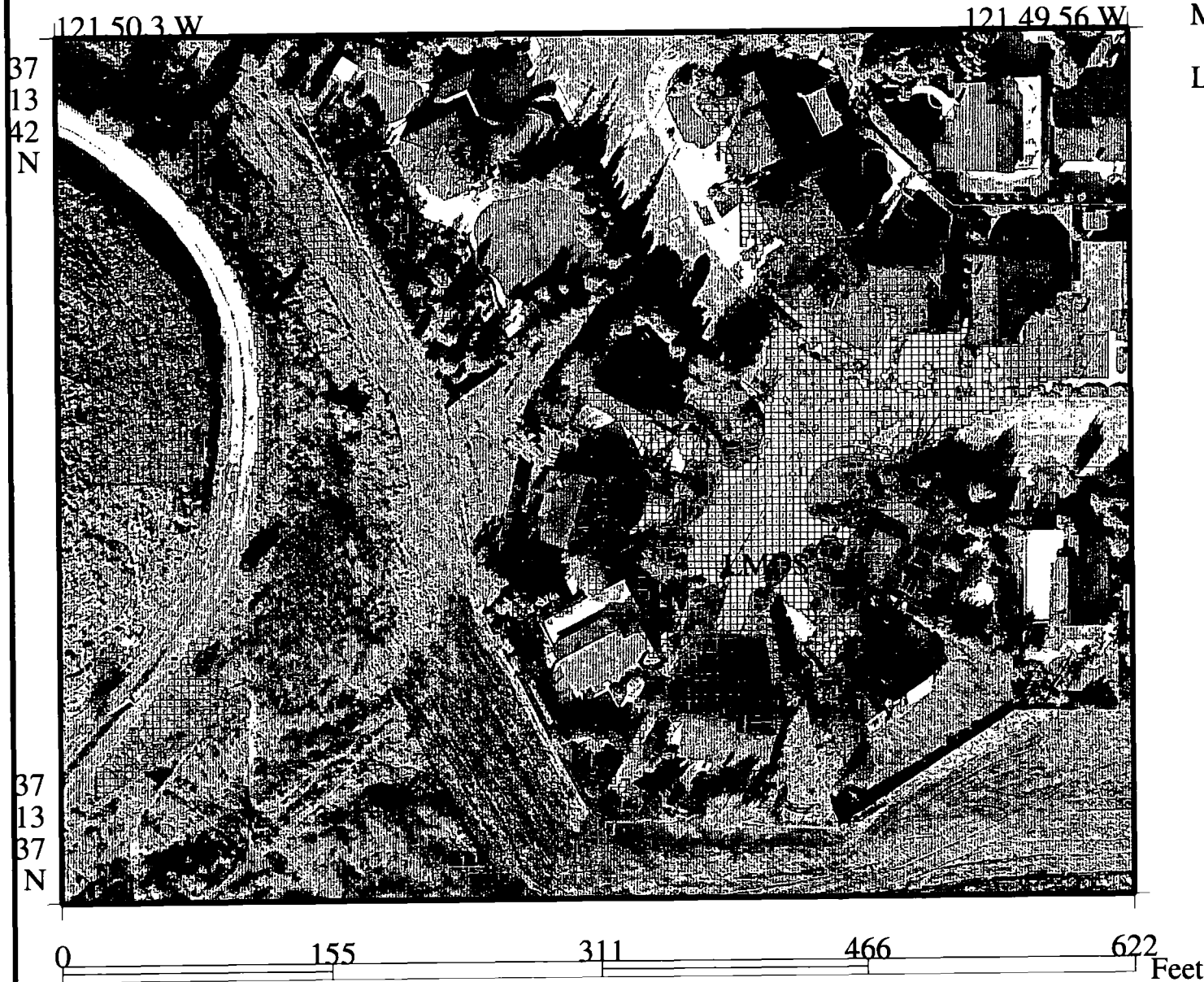




08 Apr 98 18:13:53 Wednesday
CITY: SJC_MATCH
Model: Show LOS only

Line Of Sight Regions

 LOS Coverage



General Aspects of ISDN Performance

I.350 (Quality of Service/Network Performance Framework)
I.351 (Relationships Among ISDN Performance Recommendations)
I.353 (Performance Model)

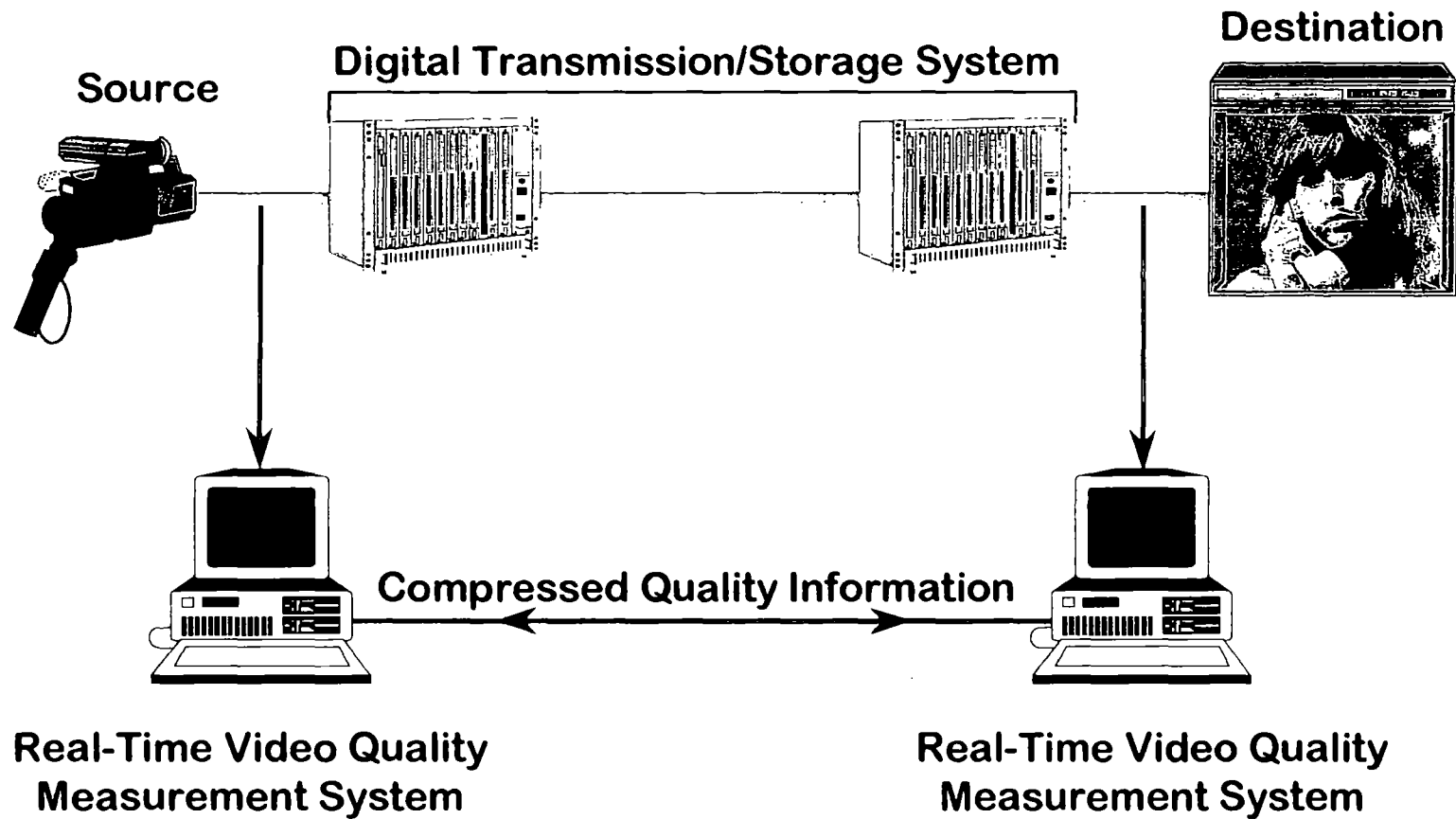
N-ISDN Performance (CKT=circuit mode, PKT=packet mode)				B-ISDN Performance (CKT= circuit mode, ATM=ATM cell transfer)			
criteria function	Speed	Accuracy	Dependability	criteria function	Speed	Accuracy	Dependability
Access	I.352 (CKT) I.354 (PKT)	I.35D (CKT) I.354 (PKT)	I.35D (CKT) I.354 (PKT)	Access	I.35bcp (ATM)	I.35bcp (ATM)	I.35bcp (ATM)
Information Transfer	I.354 (PKT)	G.821 (CKT) G.826 (CKT) I.354 (PKT)	I.35D (CKT) I.354 (PKT)	Information Transfer	I.356 (ATM)	G.828 (CKT) G.8PMRS (CKT) I.358 (ATM)	I.356 (ATM)
Disen- gagement	I.352 (CKT) I.354 (PKT)	I.35D (CKT) I.354 (PKT)	I.35D (CKT) I.354 (PKT)	Disen- gagement	I.35bcp (ATM)	I.35bcp (ATM)	I.35bcp (ATM)
Availability				Availability			
I.356 (CKT) I.355 (PKT)				G.827 (CKT) I.357 (ATM)			

* Including multiparty, multipoint functionality.

Timing and Synchronization Performance

Network Synchronization	Timing Equipment
G.810 (Terminology) G.822 (Slips) G.823 (Jitter/Wander - 2048 kbit/s Hierarchy) G.824 (Jitter/Wander - 1844 kbit/s Hierarchy) G.825 (Jitter/Wander - SDH)	G.810 (Terminology) G.811 (Primary Reference Clock) G.812 (Synchronization Supply Unit) G.813 (SDH Equipment Clock)

Real Time, In-Service Video Quality Measurement System



Objective Measurement of Video Quality



Source Video Image

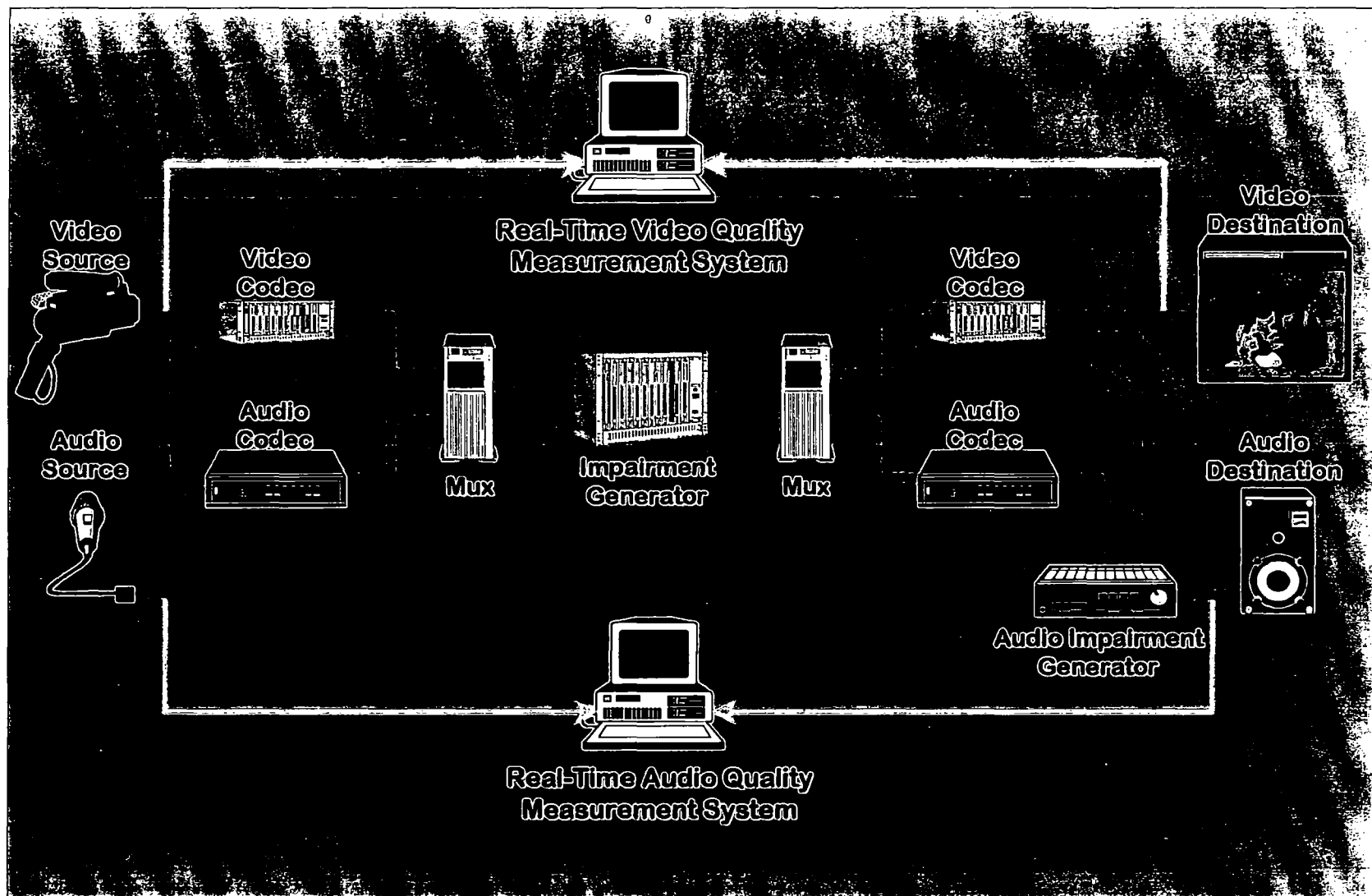


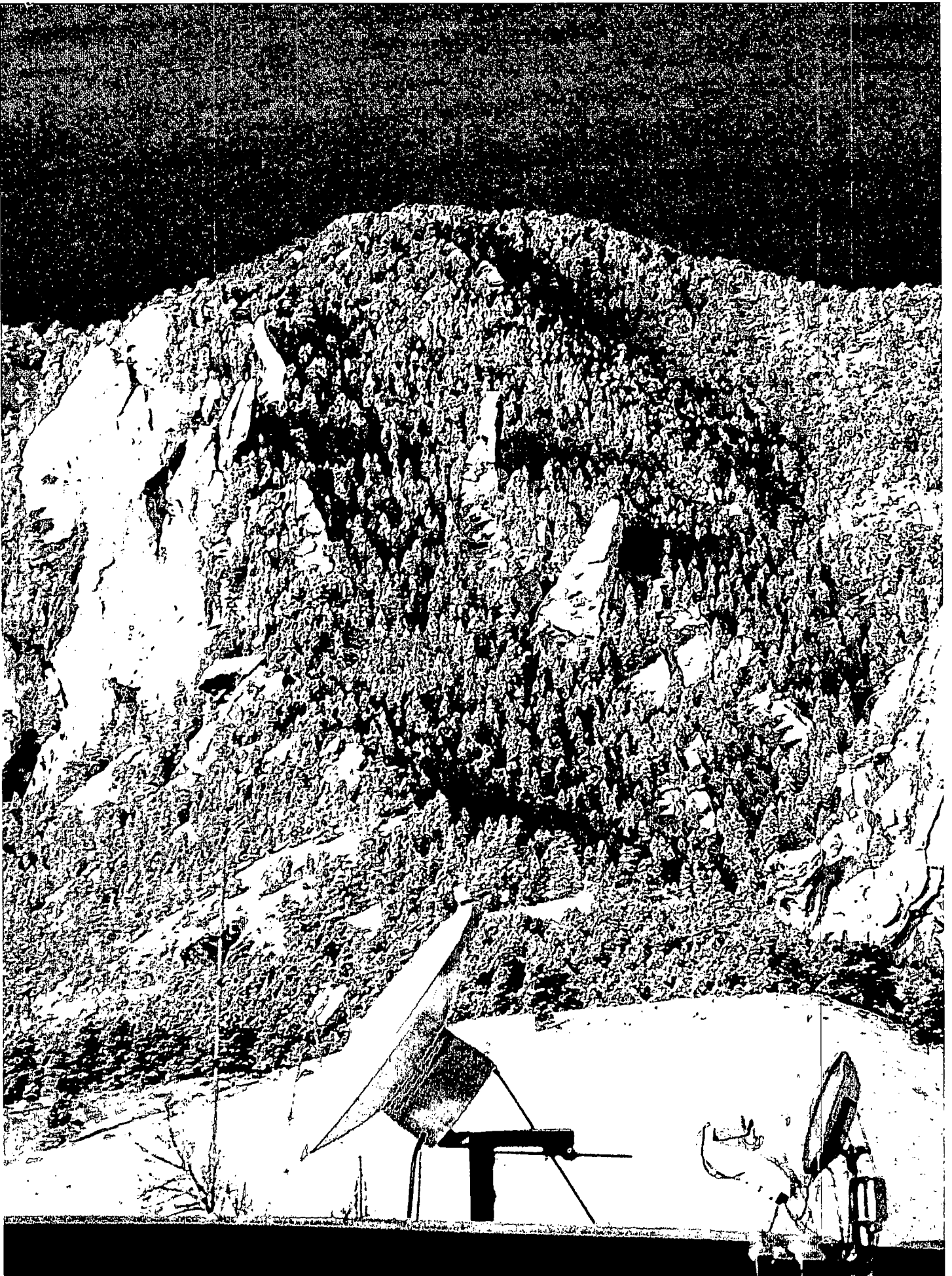
MPEG Coded Video Image

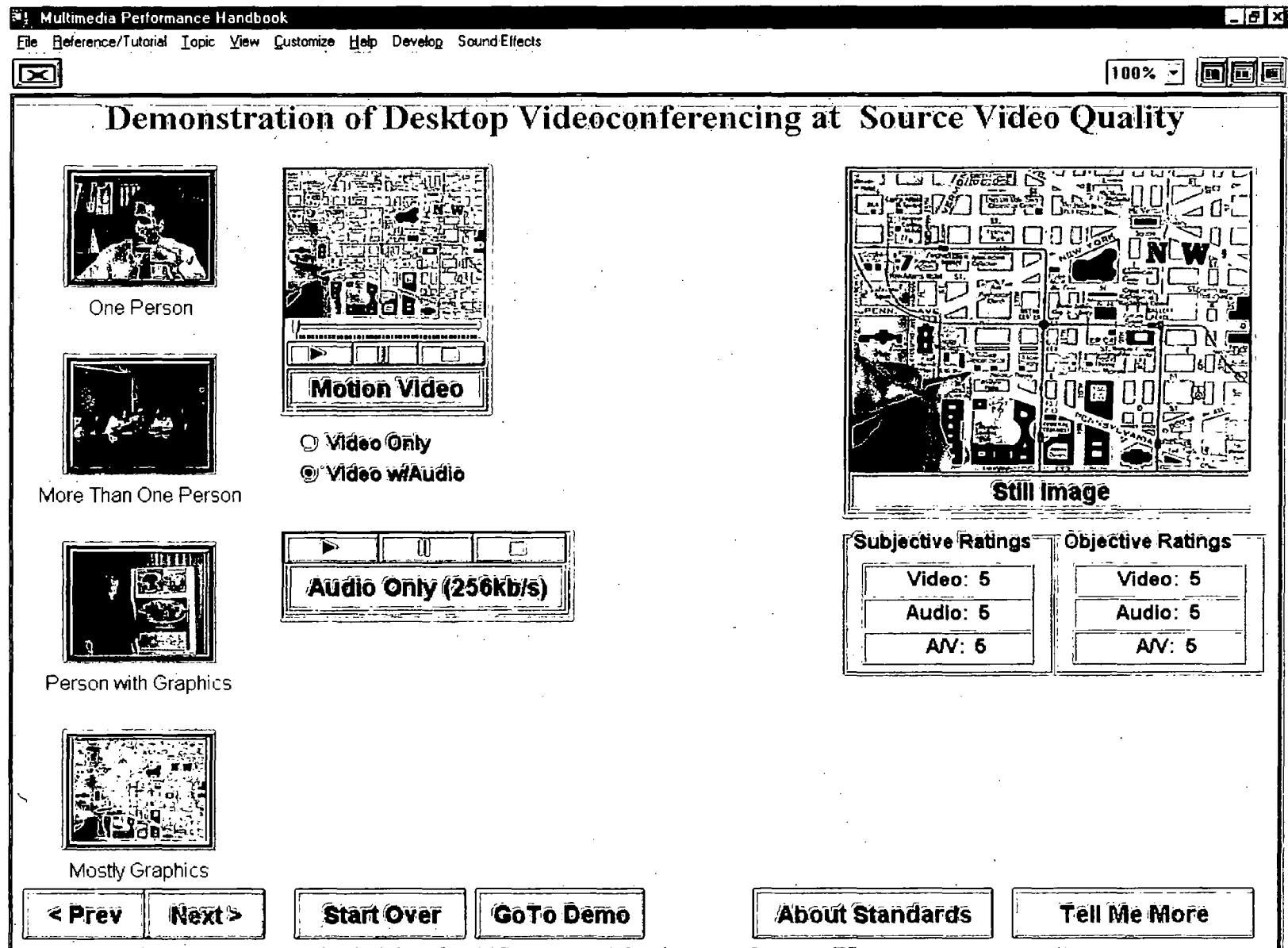


Objective Video Quality Parameters that Measure
Smearing (Green) and Block Distortion (Red)

The ITS Multimedia Performance Measurement Laboratory







A Sample Screen from the NCS Multimedia Performance Handbook

PROGRAM

1998 International Symposium on Advanced Radio Technologies

September 9-11, 1998

U.S. Department of Commerce
Boulder Laboratories
325 Broadway
Boulder, CO 80303

<http://ntia.its.bldrdoc.gov/meetings/art/art98.html>

General Chair: Dr. Christopher L. Holloway and Dr. Roger A. Dalke, NTIA/ITS

Registration Form

1998 International Symposium on Advanced Radio Technologies
September 9-11, 1998

Due to space limitations in meeting rooms and availability of guest rooms in local hotels, early registration is recommended. Blocks of hotel rooms are reserved for conferees. For more information, call J. Hendrix (303) 497-5646

Last Name, First, M.I. _____

Organization _____

Street Address _____

City, State, Zip _____

Business Telephone _____

FAX/E-mail _____

Handicapped Services _____

Registration Fee: \$65

Form of Payment

☐ Check enclosed, payable to NIST/ISART Conference

☐ Credit card used _____

[Master Card, American Express, or Visa]

Credit Card No. _____

Expiration Date _____

Authorized signature _____

☐ Purchase order/training form. (Enclose copy or present at registration;
FAXed copy unacceptable)

Please return this form to:

Jerry Hendrix, MC-346
U.S. Department of Commerce
NIST
325 Broadway
Boulder, CO 80303

ph: (303) 497-5646

Fax: (303) 497-5222

Sponsored by:

IEEE Communications Society
IEEE Antennas and Propagation Society
ITS (Institute for Telecommunication Sciences, U.S. Dept of Commerce,
National Telecommunications and Information Administration, Boulder Labs)
NIST (National Institute for Standards and Technology, U.S. Dept of Commerce,
Boulder Labs)
PCIA (Personal Communications Industry Association)
MMITS (Modular Multifunction Information Transfer System Forum)
RF Globalnet Website
Applied Microwave and Wireless magazine

NTIA/ITS NIST



Applied
MICROWAVE & WIRELESS

MMITS Forum



1998 International Symposium on Advanced Radio Technologies

September 9-11, 1998

<http://ntia.its.bldrdoc.gov/meetings/art/art98.html>



General Chair:

Dr. Christopher Holloway, ITS
(303) 497-6184
Dr. Roger A. Dalke, ITS
(303) 497-3109

The 1998 International Symposium on Advanced Radio Technologies will focus on state-of-the-art and future trends in software radio and smart antenna technologies and applications. Session presentations by leading experts in software radio and smart-antenna fields from government, industry, and academia will be followed by forward-looking open round table discussions on future directions in technologies and related issues. An interactive dialog with the audience is desired where symposium participants are encouraged to share their ideas and opinions on relevant technologies and future trends. For more information on the symposium format, view our Web site.

PROGRAM

Registrations and

Hotel Accommodations:

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(303) 497-5646 ph.
(303) 497-5222 fax

Publications:

Jeanne M. Ratzloff, ITS
(303) 497-3330

Technical Committee:

Dr. John Sanford,
Smartwaves International
Jeffery A. Wepman, ITS
Joe Mitola, DARPA
Dr. Patrick L. Perini,
USWEST Advanced
Technologies
Dr. Robert T. Johnk, NIST
Richard Loper,
Watkins-Johnson Corp.
Dr. Martin Johansson,
Ericsson Microwave
Systems
Dr. Ronald R. DeLyser,
University of Denver
Dr. Azar Ali, Eglin AFB
Dr. Andrew G. Repjar, NIST
Dr. John L. Lemmon, ITS

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(303) 497-3822
Anna Novik, ITS
(303) 497-3291

Internet Engineer:

Michael G. Cotton, ITS
(303) 497-7346

Laboratory Tours

Coordinator:

Peter B. Papazian, ITS
(303) 497-5369

September 9, Wednesday AM

7:00 Registration, Coffee and Pastries

8:20 Logistics and Welcome

Dr. Christopher Holloway, Symposium Chair, ITS

Opening Session (Session I):

Kenneth C. Allen, Session Chair, ITS

8:30 Overview of Smart Antenna Technologies

Dr. John Sanford, Smartwaves International

9:00 Overview of Software Radios, Jeffery Wepman, ITS

9:30 Overview of Spectrum Management Issues

Robert J. Matheson, ITS

10:00 BREAK

10:30 Overview of Security Issues, William Pomper, ITS

11:00 Software Radio Organization Activities and
Market Drivers

MMITS Forum Representative

11:30 Open Round Table Discussion

12:00-1:00 LUNCH

Software Radio Technologies (Session II):

Jeffery A. Wepman, Session Chair, ITS

1:00 Software Radio Architecture and Technology

Joe Mitola, DARPA

1:30 Optimizing Wideband Software Radio Performance

Dr. Don Steinbrecher, Naval Undersea Warfare Ctr.

2:00 Analog-to-Digital Converters for Software

Radio Applications

John Burns, Raytheon Systems Company

2:30 BREAK

3:00 An Easy Trap... a Digital Radio is not a Digitized
Analog Prototype

Dr. Fred Harris, San Diego State University

3:30 DSP Architectures for Wireless Applications

John Crockett, Texas Instruments

4:00 FPGA's for High Performance Communications

Dr. Chris Dick, Xilinx Inc.

4:30 Application Specific Digital Signal Processors for

Wireless Communication: Current and Future

Bruce Kraemer, Harris Semiconductor Corp.

5:00 Open Round Table Discussion

September 10, Thursday AM

7:30-8:15 Coffee and Pastries

Software Radio Applications (Session III):

Richard Lober, Session Chair, Watkins-Johnson Corp.

8:15 Wideband Software Definable Radio for Cellular/

PCS Base Station Applications

Richard Lober, Watkins-Johnson Corp.

8:45 Speakeasy Military Software Defined Radio

Wayne Bonser, Air Force Research Laboratory

9:15 A Modular Reprogrammable GPS Digital Receiver
Architecture

Dr. Alison Brown, NAVSYS Corp.

9:45 BREAK

10:15 The Application of DSP Technology in
HF/VHF/UHF Radio Systems

Richard Groshong, Rockwell Collins, Inc.

10:45 Applications of the Software Radio as a Seamless
Interface Between the Atmosphere & the Fibersphere

Dr. Don Steinbrecher, Naval Undersea Warfare Center

11:15 Open Round Table Discussion

12:00-1:00 LUNCH

Smart Antenna Technologies (Session IV):

Dr. Patrick L. Perini, Session Chair, USWEST

1:00 Smart Antenna Considerations for Wireless Commu-
nication Systems

Dr. Patrick Perini, USWEST Advanced Technologies

1:30 Smart Antenna Algorithms- Past, Present & Future

Dr. Richard Roy, ArrayComm, Inc.

2:00 Simultaneous Source Decoding and Blind

Equalization of Multipath Fading Channels

Dr. Lee Swindlehurst, Brigham Young University

2:30 BREAK

3:00 Polarization Diversity for Base Station Antennas

Martin Nilsson, Allgon Systems

3:30 Antenna Technologies for Wireless Solutions

Steven C. Olson, Ball Corporation

4:00 Very High Capacity Techniques based on

Multielement Arrays

Glen Golden, Lucent Technologies, Bell Labs

4:30 Phased-Array Antenna Measurements & Diagnostics
using Planar Near-Field Scanning

Dr. Andrew Repjar, NIST

5:00 Open Round Table Discussion

September 11, Friday AM

7:30-8:15 Coffee and Pastries

Smart Antenna Applications (Session V):

Dr. Andrew Repjar, Session Chair, NIST

8:15 Practical Applications of Smart Antennas to
Wireless Networks

Dr. Douglas O. Reudink, Metawave Communications

8:45 Dual Polarized Adaptive Antenna Test-Beds

Dr. Anders Derneryd, Ericsson Microwave Systems

9:15 Applications of Smart Antennas to CDMA Cellular
Mobile Radio Networks

Dr. Marty Feuerstein, Metawave Communications

9:45 BREAK

10:15 Advanced Wireless Technology Program Overview

Dr. Paul Monticciolo, MIT

10:45 The ITS Advanced Antenna Test-Bed

Peter B. Papazian, ITS

11:15 Open Round Table Discussion

12:00-1:00 LUNCH

ITS and NIST Laboratories Tours, Peter B. Papazian

- Telecommunications Services Laboratory
- Broadband Measurement Laboratory
- Antenna Measurement Laboratory

**NTIA
NATIONAL SECURITY EMERGENCY
PREPAREDNESS (NSEP)
RESPONSIBILITIES AND PLANS**

April 22, 1998

**Bill Belote
NTIA Emergency Coordinator**

CFG

- **IN SUPPORT OF CONTINUITY OF GOVERNMENT, PROVIDE FOUR PREDESIGNATED NTIA/OSM MEMBERS OF THE NATIONAL EMERGENCY MANAGEMENT TEAM (NEMT) COMMUNICATIONS FUNCTIONAL GROUP (CFG) IN ACCORDANCE WITH ALERTING ORDERS IN FORCE**
- **NTIA CFG MEMBERS, DURING NATIONAL SECURITY CRISES OR EMERGENCIES, WILL SUPPORT ACCOMPLISHMENT OF CFG ESSENTIAL EMERGENCY FUNCTIONS (EEFs) AND PROVIDE STAFF SUPPORT TO THE DIRECTOR, OSTP**

(CLASSIFIED PRESIDENTIAL EMERGENCY ACTION DIRECTIVES AND COG OPLAN 96-1)

NTIA ERP

- DEVELOP, MAINTAIN, AND PUBLISH PLANS, POLICY, AND PROCEDURES FOR FEDERAL GOVERNMENT RADIO SPECTRUM USE
(AS DESIGNEE OF SECRETARY OF COMMERCE)**
- ADVISE AND ASSIST IN THE ADMINISTRATION OF A SYSTEM OF RADIO SPECTRUM PRIORITIES FOR USE BY FEDERAL GOVERNMENT IN SUPPORT OF NSEP FUNCTIONS
(AS DESIGNEE OF DIR, OSTP)**

(E.O. 12472, APRIL 3, 1984)

NTIA ERP (CONT'D)

- INCLUDE SYSTEM OF PRIORITIES AS PART OF NTIA ERP AND COORDINATE IT WITH THE NCS COMMITTEE OF PRINCIPALS**

(DIR, OSTP MEMO TO SEC OF COMMERCE, JULY 30, 1984)

NTIA ERP (CONT'D)

- MAINTAIN THE NTIA ERP AND UPDATE IT ON A PERIODIC BASIS**
- SUBMIT NEW OR REVISED, SPECIFIC, SYSTEM PRIORITIES TO THIS OFFICE FOR CERTIFICATION**
- AUTOMATE THE NSEP PLANNING DATA FOR SPECTRUM MANAGEMENT INTO A DATABASE**

(DIR, OSTP MEMO TO SEC OF COMMERCE, JULY 29, 1985)

NTIA ERP (CONT'D)

- PREPARE STATUS REPORTS TO THE DIRECTOR, OSTP, ON THE PROGRESS OF TSP-R DESIGNATION; INCLUDE THESE REPORTS WITH PERIODIC REVISIONS OF THE ERP MADE BY NTIA AND SUBMITTED FOR APPROVAL TO THE DIRECTOR, OSTP**
- REFLECT TSP-Rs AS APPROVED BY THE DIRECTOR, OSTP, IN THE NTIA ERP**

(DIRECTOR, OSTP, MEMO TO SECRETARY OF COMMERCE, MAY 19, 1989)

NTIA ERP PAST ACTIONS

- **DIRECTOR, OSTP, APPROVED ORIGINAL DRAFT ERP (PARTS I & II) IN JULY 1985, AND NTIA PUBLISHED IT IN OCTOBER 1985**
- **PART I: BASIC PLAN**
- **PART II: DEFINED SPECTRUM PRIORITY INDEXES (SPIs), ADDRESSED RADIO SPECTRUM BY BAND, INDICATED WAR EMERGENCY USES AND SPIs FOR EACH SYSTEM**

NTIA ERP PAST ACTIONS (CONT'D)

- **NTIA PUBLISHED REVISED ERP (PARTS I & II) IN OCTOBER 1994 IMPLEMENTING TSP-R SYSTEM**
- **PART I: ADDRESSED ACTIONS THAT MAY BE TAKEN AT ANY TIME IN MOBILIZING FOR, RESPONDING TO, OR RECOVERING FROM ALL EMERGENCY SITUATIONS**
- **PART II: ADDRESSED ACTIONS THAT MAY BE TAKEN UPON EXERCISE OF THE WAR POWERS OF THE PRESIDENT UNDER SECTION 706 OF THE COMMUNICATIONS ACT OF 1934, AS AMENDED**

NTIA ERP PAST ACTIONS (CONT'D)

- PART I - GENERAL**
- PART II - WARTIME ACTIVE COMBAT AND TSP-R POLICY**
- PART III - WARTIME SYSTEMS TSP-R DATA**
- PART IV - SPECTRUM MANAGEMENT DURING WARTIME EMERGENCIES**
- PART V - SPECTRUM MANAGEMENT DURING NON-WARTIME EMERGENCIES**

NTIA ERP FUTURE ACTIONS

- COMPLETE REVIEW AND COORDINATION OF DRAFT, REVISED NTIA ERP, PARTS I-V, WITHIN THE IRAC**
- COMPLETE REVIEW AND COORDINATION OF DRAFT, REVISED NTIA ERP, PARTS I-V, WITHIN THE NCS COP**
- FORWARD DRAFT, REVISED ERP THROUGH ASSISTANT SECRETARY, DOC, TO DIRECTOR, OSTP, FOR APPROVAL ALONG WITH STATUS REPORT ON TSP-Rs**

NTIA ERP FUTURE ACTIONS

- COMPLETE REVIEW OF DEPARTMENT AND AGENCY SYSTEMS INTENDED TO BE USED DURING WARTIME, THE ASSOCIATED MISSIONS AND TSP-Rs, ETC**
- CONTINUE TO REVIEW NEW DEPARTMENT AND AGENCY SYSTEMS INTENDED TO BE USED DURING WARTIME, THE ASSOCIATED MISSIONS AND TSP-Rs, ETC AND MAINTAIN THE ERP, PART III, ELECTRONIC DATABASE**

NTIA COOP

- ENSURE THE CONTINUITY OF ESSENTIAL FUNCTIONS IN ANY NATIONAL SECURITY EMERGENCY**
- DEVELOP STRATEGIES, PLANS, AND PROGRAMS ... TO AVOID OR MINIMIZE DISRUPTIONS OF ESSENTIAL SERVICES DURING ANY NATIONAL SECURITY EMERGENCY**

(SECTIONS 202 & 204, E.O. 12656, ASSIGNMENT OF EMERGENCY PREPAREDNESS RESPONSIBILITIES)

COOP PAST & PRESENT ACTIONS

- **PUBLISHED INITIALLY IN JANUARY 1997
(FIRST ONE PUBLISHED IN THE DEPARTMENT OF
COMMERCE)**
- **COMPLETED ACTIONS TO SATISFY SECURITY
REQUIREMENTS FOR INSTALLATION OF WORK
STATION IN ROOM 653 AT RELOCATION SITE**
- **FIRST REVISION BEING STAFFED FOR APRIL 1998
PUBLICATION**

COOP FUTURE ACTIONS

- COMPLETE REVISION OF COOP**
- COMPLETE INSTALLATION OF WORK STATION AT NTIA RELOCATION SITE**
- CONDUCT FIRST COOP EXERCISE TO INCLUDE DEPLOYING TO THE RELOCATION SITE**

JTRB

- **DOC (ASST SEC, COMMUNICATIONS AND INFORMATION) WILL SERVE AS A MEMBER OF JOINT TELECOMM RESOURCE BOARD (JTRB)**

(E.O. 12472, APRIL 3, 1984)

- **AS JTRB MEMBER, ASSIST THE DIR, OSTP DURING CRISES OR EMERGENCIES ON TELECOMMUNICATION MATTERS**

(DIR, OSTP MEMO, JULY 30, 1984)

- **FUTURE?**

CIP

- PENDING DECISION REGARDING LEAD AGENCY
FOR COMMUNICATIONS AND INFORMATION
INFRASTRUCTURE**

(PDD/NSC-YY)

AUGUST 14, 1997

“A TOP NATIONAL SECURITY PRIORITY OF THIS ADMINISTRATION IS TO ENSURE THAT WE HAVE SUFFICIENT CAPABILITIES AT ALL LEVELS OF GOVERNMENT TO MEET ESSENTIAL DEFENSE AND CIVILIAN NEEDS, AND ENSURE CONTINUITY OF MINIMUM ESSENTIAL EXECUTIVE BRANCH FUNCTIONS AND SERVICES DURING ANY NATIONAL DISASTER OR EMERGENCY.”

**SAMUEL R. BERGER
ASST TO THE PRESIDENT
NAT'L SECURITY AFFAIRS**

**FRANKLIN D. RAINES
DIRECTOR, OMB**

**NTIA
NATIONAL SECURITY EMERGENCY
PREPAREDNESS (NSEP)
RESPONSIBILITIES AND PLANS**

April 22, 1998

**Bill Belote
NTIA Emergency Coordinator**

OVERVIEW

- **ADDRESS NTIA'S MAJOR NS/EP TASKING FOCUS AREAS: CFG, ERP, COOP, JTRB, CIP**
- **ADDRESS IN TERMS OF:**
 - **NTIA NS/EP TASKS AND TASKING AUTHORITIES**
 - **PAST, PRESENT, AND FUTURE ACTIONS**

CFG

- **IN SUPPORT OF CONTINUITY OF GOVERNMENT, PROVIDE FOUR PREDESIGNATED NTIA/OSM MEMBERS OF THE NATIONAL EMERGENCY MANAGEMENT TEAM (NEMT) COMMUNICATIONS FUNCTIONAL GROUP (CFG) IN ACCORDANCE WITH ALERTING ORDERS IN FORCE**
- **CFG CONSISTS OF REPRESENTATIVES FROM OSTP, NCS, FCC, NTIA, GSA, DOT, DISA, AND INDUSTRY**
- **CFG ADDITIONAL PROPOSED MEMBERSHIP WOULD ALSO INCLUDE REPRESENTATIVES FROM FEMA, DOD, AND DOE**

(CLASSIFIED PRESIDENTIAL EMERGENCY ACTION DIRECTIVES AND COG OPLAN 96-1)

CFG (CONT'D)

- NEMT CFG ESSENTIAL EMERGENCY FUNCTIONS:**
 - ASSESS THE CONDITION OF THE NATIONAL TELECOMMUNICATIONS INFRASTRUCTURE TO SUPPORT NATIONAL OBJECTIVES**
 - DETERMINE NATIONAL LEVEL TELECOMMUNICATIONS REQUIREMENTS**
 - DETERMINE PRIORITIES OF NATIONAL REQUIREMENTS FOR TELECOMMUNICATIONS SERVICES, ASSETS, AND FREQUENCIES, AND RESOLVE OR ADVISE ON THE RESOLUTION OF USAGE CONFLICTS**

- **NEMT CFG ESSENTIAL EMERGENCY FUNCTIONS (CONTINUED):**
 - **PROVIDE ADVICE ON PRESIDENTIAL USE OF THE EMERGENCY ALERTING SYSTEM (EAS)**
 - **ASSIST DEFENSE, INTELLIGENCE, DIPLOMATIC, AND OTHER CRITICAL ELEMENTS WITH TELECOMMUNICATIONS CONNECTIVITY**
 - **ADVISE ON THE ALLOCATION AND REALLOCATION OF TELECOMMUNICATION RESOURCES**
 - **PROVIDE ADVICE TO THE DIRECTOR, OSTP, ON PRESIDENTIAL EMERGENCY AUTHORITY PURSUANT TO SECTION 706**

- **NEMT CFG ESSENTIAL EMERGENCY FUNCTIONS (CONTINUED):**
 - **ASSIST IN DEVELOPING AND DISSEMINATING NATIONAL TELECOMMUNICATIONS POLICY**
 - **COORDINATE AND GUIDE THE IMPLEMENTATION OF PRESIDENTIAL OR OSTP TELECOMMUNICATIONS DECISIONS**
 - **COORDINATE THE ACTIVITIES OF ESF #2 UNDER THE FEDERAL RESPONSE PLAN (FRP) AND THE TELECOMMUNICATIONS RELATED ACTIVITIES OF THE NEMT DURING SITUATIONS WHEN BOTH ARE ACTIVATED**