

159 STMS
 PH-371

REQUEST FOR AUTHORITY TO DISPOSE OF RECORDS

(See Instructions on Reverse)

TO: GENERAL SERVICES ADMINISTRATION,
 NATIONAL ARCHIVES AND RECORDS SERVICE, WASHINGTON 25, D. C.

1. FROM (AGENCY OR ESTABLISHMENT)
 Defense Communications Agency

2. MAJOR SUBDIVISION
 Administrative Division

3. MINOR SUBDIVISION
 Records Management Branch

4. NAME OF PERSON WITH WHOM TO CONFER
 Frederick Bradley

5. TEL. EXT.
 26951

LEAVE BLANK	
DATE RECEIVED <i>12/10/73</i>	JOB NO.
DATE APPROVED NC	174 - 113

NOTIFICATION TO AGENCY

IN ACCORDANCE WITH THE PROVISIONS OF PUBLIC
 LAW 91-287 DISPOSAL OF ITEMS MARKED "DISPOSAL
 APPROVED" IS AUTHORIZED.

2-25-74 James B. Rhoads
 DATE ARCHIVIST OF THE UNITED STATES

6. CERTIFICATE OF AGENCY REPRESENTATIVE:

I hereby certify that I am authorized to act for the head of this agency in matters pertaining to the disposal of records, and that the records described in this list or schedule of _____ pages are proposed for disposal for the reason indicated: ("X" only one)

- A The records have ceased to have sufficient value to warrant further retention.
- B The records will cease to have sufficient value to warrant further retention on the expiration of the period of time indicated or on the occurrence of the event specified.

5 December 1973
 (Date)

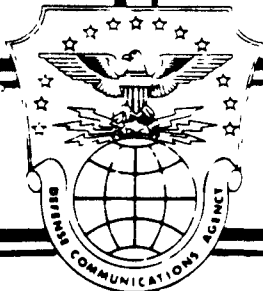
Arthur E. Hayes
 ARTHUR E. HAYES
 (Signature of Agency Representative)

Chief, Admin Division
 (Title)

7. ITEM NO.	8. DESCRIPTION OF ITEM (WITH INCLUSIVE DATES OR RETENTION PERIODS)	9. SAMPLE OR JOB NO.	10. ACTION TAKEN
1	Attached is Supplement 4 to DCAI 210-15-6, January 1970.		

Changes authorized by F. Bradley

DCA INSTRUCTION
210-15-6
SUPPLEMENT 4



DEFENSE COMMUNICATIONS AGENCY

RECORDS MANAGEMENT

NOVEMBER 1973



DEFENSE COMMUNICATIONS AGENCY
WASHINGTON, D. C. 20305

DCA INSTRUCTION 210-15-6
Supplement 4

19 November 1973

ADMINISTRATION

Records Management

1. Purpose. Files described in this supplement relate to planning and developing basic system engineering guidelines for the evolution from the present Defense Communications System to the future Defense Communications System projected to the year 1990.

2. Applicability. This supplement applies principally to Headquarters, DCA and the Defense Communications Engineering Center. However, other DCA field activities contributing significantly to the system engineering evaluations and providing important inputs to conceptual developments are authorized to establish files in accordance with this supplement.

FOR THE DIRECTOR:

OFFICIAL:


ARTHUR E. HAYES

Chief, Administrative Division

LAWRENCE LAYMAN
Captain, USN
Chief of Staff

OPR: 210

DISTRIBUTION: A, DCEC (100), DCA Areas (1)

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9. THE FUTURE DCS

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CHAPTER 9. THE FUTURE DCS

Section CMI. SYSTEM CONTROL

Files in this section relate to the development of the future DCS system control, which is the capability for continually optimizing system performance and subscriber service, and for adapting to changing service demands, degrading stresses, and diminished resources in real time. System selection is based on overall assessment of each candidate system in terms of its responsiveness to projected needs, cost, ease of transition, and risk.

901-01 System Control Concept Papers. Papers developed to outline operational control procedures for DCS in the time-frame of the current and past DCS Plans. The papers cover the four major functions: (1) network control, restoration, and extension; (2) traffic control and routing; (3) performance assessment and status monitoring; and (4) technical control. Included are analyses of alternate approaches and selection.

Disposition not authorized at this time
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years
DISPOSAL APPROVED Others - Destroy when no longer needed.

901-02 System Control Meeting Summaries. Documents accumulated by panels and working groups in resolving system control matters such as survivability, simulation, hardware, software language, and related problems broached by groups and panels of engineers, scientists, mathematicians, and administrators. Included are announcements, agenda, minutes, recommendations, reports (if required), and related papers.

Disposition not authorized at this time
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

901-03 System Control Plans. Plans embracing system control design criteria, system parameters, performance specifications, system sizing, cost factors, survivability, reliability, and related requirements.

Disposition not authorized at this time
Disposition: Office of record - ~~Permanent~~. Retire when no longer needed.

time, review for disposal in 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

901-04 System Control Objectives. Papers delineating qualitative system control objectives, to include the factors which span all aspects of system operation and management pertinent to achieving a system responsive to the needs of users.

Disposal not authorized at this time, review for disposal in 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

901-05 System Control Milestones. Management devices used to lay out the course of development from the current DCS baseline to achievement of objectives projected in the 1980-1990 time-frame. Included are milestone charts showing target dates for completion of specific stages of development, and related milestone reports.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

901-06 System Control Study Outputs. Papers documenting results of assigned tasks pertaining to system control, to include network and traffic control, performance monitoring assessment and technical control, survivability, data management, and software study. Included are tasks, analyses of essential elements, and estimated amount of manpower expenditure to accomplish the task.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

901-07 System Control Interfacing Program. Documents relating to system control design to ensure interfacing of the future DCS with switched networks; command and control, and support networks; transportable communications facilities; tactical communications; transmission ranging from a few circuits to many; and communications having maximum responsiveness, even when traversing many systems such as those of other Government agencies, commercial carriers, and allied nations. Included

are diagrams outlining the more efficient and effective inter-
face category - gateway or distribution - to achieve the
desired results.

Disposal not authorized at this time,
Disposition: Office of Record - ~~Permanent~~, Retire
when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

901-08 Reserved.

901-09 Reserved.

901-10 System Control Contracts and Proposals. Copies of
contracts and proposals for system control deliverables. Also
included are specifications, work statements, and related
documents.

Disposition: Office of Record - Destroy after 5
years. Retire when no longer needed.

DISPOSAL APPROVED
Others - Destroy when no longer needed.

901-11 System Control Division Briefings. Milestone charts,
slides, and aggregate supporting data used in presentations
given by division officials to brief colleagues on the status
of assigned tasks, problems encountered, solutions broached,
and other matters of concern or interest.

Disposition: Destroy when superseded or no longer
needed.

901-12 System Control Transition Plans. Plans developed to
highlight major functional capabilities of system control and
the general time-phasing (year-by-year) essential for evolution
to the future DCS.

Disposal not authorized at this time,
Disposition: Office of Record - ~~Permanent~~. Retire
when no longer needed.

review for disposal in 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

901-13 System Control Reference Papers. These papers relate
to system control and consist of:

a. Copies of documents which duplicate the record
copies filed elsewhere.

- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

901-14 System Control Technology Review Files. Documents accumulated by system engineers in their review of technical papers, publications issued by Government and industry, and other sources. The papers generally have immediate or potential use in planning the future DCS.

Disposition: Destroy when no longer needed.

Section CMII. DATA AND RECORD COMMUNICATIONS

Files in this section outline documentation for computer-related communications, facilities for which are projected to quadruple, and volume of data information flow is expected to increase 50-fold by the 1985-1990 period. The short duration, interactive data exchanges impose a new set of system functional requirements on the DCS, thus demanding new techniques which are different from both traditional circuit switching and message switching.

902-01 Data & Record Communications Concept Papers. Papers accumulated in developing new system capabilities to provide communication service for interactive and short transaction data communications users, as well as large-scale bulk data transfers. Included are papers reflecting consideration of alternatives concerning switching for computer-to-computer and man-computer interactive data communications, comments, recommendations, and related papers.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

902-02 Data & Record Communications Meeting Summaries. Documents relating to panels and working groups which meet to resolve such matters as impact of COMSEC on records and data

communications; switching; hardware and software elements; modems; and other related matters. Included are agenda, minutes, reports (if required), and recommendations.

Disposal not authorized at this time.
Disposition: Secretariat - Permanent. Retire when longer needed.

Time, review for disposal within 10 years.
DISPOSAL APPROVED. Others - Destroy when no longer needed.

902-03 Data & Record Communications Plans. Plans which outline the evolutionary development of data and record communications to meet the needs of the future DCS, to include COMSEC consideration and advanced switching techniques.

Disposal not authorized at this time.
Disposition: Office of Record - Permanent. Retire when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

902-04 Data & Record Communications Objectives. Papers reflecting analysis of concepts for providing data and record communication services; identification and evaluation of system alternatives; and formulation of research development and test evaluation (RDT&E) requirements.

Disposal not authorized at this time.
Disposition: Office of Record - Permanent. Retire when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

902-05 Data & Record Communications Milestones. User requirement model as primary base, in the absence of adequate data base for traffic statistics. Included are milestone charts showing target dates for completion of specific stages of development and related milestone reports.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

902-06 Data & Record Communications Study Outputs. Documents showing results of assigned tasks pertaining to data and records communications in areas such as LDMX (local digital message exchange), PABX (private automatic branch exchange), and data network alternative configuration analyses. Included are tasks, analyses of essential elements, and man-hours required to perform the tasks.

Disposal not authorized at this time.
Disposition: Office of Record - Permanent. Retire when no longer needed.

review for disposal in 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

902-07 Data & Record Communications Interfacing Program.
Documents which reflect identification of the terminal/computer interface with the DCS, public telephone system, and other networks. Included are papers showing application of PABX studies, diagrams, and related papers.

Disposition not authorized at this time, review for disposal in 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.
DISPOSAL APPROVED Others - Destroy when no longer needed.

902-08 Reserved.

902-09 Reserved.

902-10 Data & Record Communications Contracts and Proposals.
Copies of contracts and proposals for data and record communications deliverables. Also included are specifications, work statements, and related documents.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

902-11 Data & Record Communications Division Briefings. Milestone charts, slides, and other supporting data used in presentations given by division officials to brief colleagues on the status of assigned tasks, problems met, solutions made, and other matters of interest.

Disposition: Destroy when superseded or no longer needed.

902-12 Data & Record Communications Transition Plan. Plan outlining rationale for recommended alternative for switching, trunking, speed of service, cost, and other features which support efficiency, economy, and effectiveness in the future DCS.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
DISPOSAL APPROVED Others - Destroy when no longer needed.

902-13 Data & Record Communications Reference Papers. These papers relate to data record communications and consist of:

a. Copies of documents which duplicate the record copies filed elsewhere.

b. Documents which require no action.

c. Rough drafts, notes, feeder reports, and other working papers.

d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

902-14 Data & Record Communications Technology Review Files. Papers reflecting review of the state-of-the art for data and record communications as shown in technical publications issued by industry and Government.

Disposition: Destroy when no longer needed.

Section CMIII. SYSTEM INTEGRATION

Files in this section document efforts to coordinate subsystem designs of the future DCS to ensure that they are compatible. The alternatives under consideration for detailed evaluation reflect either a fully integrated network structure or separate networks for the various traffic modes.

903-01 System Integration Concept Papers. Documents outlining operational effectiveness of separate networks as compared with a single integrated network for the future DCS. This concept contemplates use of a PBX to achieve access in the local area. Included also are papers reflecting upgrade or replacement of present day PBX's to ensure economy, service availability, and visibility of performance by system control.

Disposition not authorized at this time
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

903-02 System Integration Meeting Summaries. Papers generated by committees, groups, and panels responsible for resolving system integration problems, particularly planning constraints, impact of WWMCCS communications requirements, and other pertinent matters. Included are agenda, minutes, reports (if required), recommendations, and related papers.

Disposition not authorized at this time
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.

903-03 System Integration Plans. System engineering plans based on the DCS Plan to ensure the integrity of a complete and cohesive system design and that the subsystems are compatible.

Disposition: Office of Record - Permanent. Retire when no longer needed.

DISPOSAL APPROVED Others - Destroy when no longer needed.

903-04 System Integration Objectives. Papers reflecting coordination of subsystem designs, identifying system elements requiring further definition, refining the part of the DCS Plan dealing with the future DCS, and related papers.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED Others - Destroy when no longer needed.

903-05 System Integration Milestones. Charted target dates established to achieve planned system integration stages in the evolution of the future DCS. Included are milestone charts, guides, and related milestone reports.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

903-06 System Integration Study Outputs. Papers documenting performance of assigned tasks in system integration. Included are proposed inputs to the DCS Plan, drafts of system engineering plan and transition plan, and papers reflecting related technical problems.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

903-07 System Integration Interfacing Program. Papers documenting actions pertaining to system integration interfacing between the DCS and other systems such as common carriers, other U.S. Government systems, and non-U.S. Government systems (e.g., NATO). Included are papers reflecting engineering coordination and proposed standardizations.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
DISPOSAL APPROVED Others - Destroy when no longer needed.

903-08 Reserved.

903-09 Reserved.

903-10 System Integration Contracts and Proposals. Copies of contracts and proposals for system integration deliverables. Also included are specifications, statements of work, and related documents.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

903-11 System Integration Division Briefings. Milestones charts, supporting data, and progress reports used by division officials to brief their colleagues on the status of assigned tasks, problems encountered, proposed solutions, and other matters of interest.

Disposition: Destroy when obsolete or no longer needed.

903-12 System Integration Transition Plan. The plan which provides guidance for the evolution of subsystem designs and data concerning cost effective evaluations of subsystem and system functions.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
DISPOSAL APPROVED Others - Destroy when no longer needed.

903-13 System Integration Reference Papers. These papers relate to system integration and consist of:

a. Copies of documents which duplicate the record copies filed elsewhere.

b. Documents which require no action.

c. Rough drafts, notes, feeder reports, and other working papers.

d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

903-14 System Integration Technology Review Files. Papers reflecting review of system integration information included in publications issued by Government and industry.

Disposition: Destroy when no longer needed.

Section CMIV. SIGNALING AND SUPERVISION

Files in this section relate to efforts to increase the effectiveness and efficiency of the future DCS switching by applying signaling and supervisory (S/S) information to different transmission equipment and to condition circuits to proper interface of different components.

904-01 S/S Concept Papers. Papers documenting the S/S concepts for the future DCS switched network.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.
DISPOSAL APPROVED

904-02 S/S Meeting Summaries. Documents generated by panels, working groups, and committees in resolving problems concerning signaling and supervision. Included are agenda, minutes, reports (if required), recommendations, and related papers.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.
DISPOSAL APPROVED

904-03 S/S Plan. Plan encompassing all technical aspects of signaling and supervision, to include reliability, automatic interface with non-DCS communications systems, description of appropriate hardware and software, and other pertinent items.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.
DISPOSAL APPROVED

904-04 S/S Objectives. Papers documenting efforts to achieve improved system performance, particularly switching speed, system adaptability, and COMSEC application.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~, Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

904-05 S/S Milestones. Milestone charts showing dates for completion of stages of development of signaling and supervision within the future DCS.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

904-06 S/S Study Outputs. Studies containing the analysis, evaluation, and development of the S/S concepts. The studies cover items such as error control, protocol, system design hardware/software tradeoffs, identification of shortcomings, and other pertinent items.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

904-07 S/S Interfacing Program. Documents outlining actions taken to interface S/S with other military communications systems, international military communications systems, and common carriers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

904-08 Reserved.

904-09 Reserved.

904-10 S/S Contracts and Proposals. Information copies of contracts and solicited proposals for S/S deliverables. Also included are specifications, statement of work, and related documents.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

904-11 S/S Division Briefings. Materials used in presentation given by division officials to their colleagues on the status of assigned tasks, problems met, proposed solutions, and other matters affecting signaling and supervision. Included are milestone charts, slides, and supporting data.

Disposition: Destroy when superseded or no longer needed.

904-12 S/S Transition Plan. Plan delineating evolutionary steps from the current baseline DCS to the future system.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.

Others - Destroy when no longer needed.
DISPOSAL APPROVED

904-13 S/S Reference Papers. These papers relate to signaling and supervision and consist of:

- a. Copies of documents which duplicate the record copies filed elsewhere.
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

904-14 S/S Technology Review Files. Documents reflecting review of technical papers and publications issued by Government and industry. These documents have immediate or potential use in planning the future DCS.

Disposition: Destroy when no longer needed.

Section CMV. COMSEC

Files in this section document the alternative approaches by which to increase the amount of communications security (COMSEC) in the future Defense Communications System.

905-01 COMSEC Concept Papers. Papers generated in the effort to satisfy long-range COMSEC goals and to minimize communications degradation caused by the COMSEC part of the system.

Disposal not authorized at this time, review for disposal with 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

905-02 COMSEC Meeting Summaries. Proceedings of panels, working groups, and committees which meet to resolve problems concerning the alternative approaches in applying COMSEC techniques and equipments, cost/benefits, and impact on system operation. Included are announcements, agenda, minutes, reports (if required), recommendations, and related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

905-03 COMSEC Plans. Plans outlining basic COMSEC system options for individual or combined application of electronic key variable distribution as appropriate for the communications mode. The plan outlines the advantages and disadvantages for each operational design restrictions.

Disposition: Office of Record - Permanent. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

905-04 COMSEC Objectives. Papers defining specific communications security objectives.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

905-05 COMSEC Milestones. Milestone charts showing target dates for completion of specified stages of development of COMSEC for the future DCS.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

905-06 COMSEC Study Outputs. Studies and analyses covering areas such as increased security for differing combinations of physical and economic resources; role of mode of operation for KDC's; voice digitization/transmission techniques for the preferred system COMSEC approach; timing/synchronization; impact of COMSEC on survivability; cost factors; and other pertinent areas.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED Others - Destroy when no longer needed.

905-07 COMSEC Interface Program. Papers documenting approaches in applying COMSEC techniques to interface voice A/D terminals, DCS/TRI-TAC, DCS/NICS, and other communications systems. Also related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED Others - Destroy when no longer needed.

905-08 Reserved.

905-09 Reserved.

905-10 COMSEC Contracts and Proposals. Copies of contracts and proposals for COMSEC deliverables. Also included are specifications, statement of work, and related papers.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

905-11 COMSEC Division Briefings. Milestone charts, slides, and other supporting data and material used by division officials to brief their colleagues on the status of assigned task, problems and their solutions, and other pertinent matters.

Disposition: Destroy when superseded or no longer needed.

905-12 COMSEC Transition Plan. Using the present and near-time DCS as a baseline, the COMSEC transition plan describes the means for achieving the COMSEC objectives for the future DCS.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
905-13 COMSEC Reference Papers. These papers relate to communications security for the future DCS and consist of:

- a. Copies of documents which duplicate the record copies filed elsewhere.
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, indexes, listings, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

DISPOSAL APPROVED

Section CMVI. SWITCHED NETWORKS

Files in this section document efforts to engineer switched networks designed for the future DCS.

906-01 Switched Networks Concept Papers. Documents outlining network design criteria used in the synthesis of the evolving DCS and their application in designing the least cost network that will satisfy a specified level of performance for various degrees of survivability.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

906-02 Switched Networks Meeting Summaries. Proceedings of panels, committees, and working groups which meet to resolve problems of the future DCS switched networks design. Included are announcements, agenda, minutes, recommendations, reports (if required), and related papers.

Disposal: not authorized at this time, review for disposal with 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED
906-03 Switched Networks Plans. Plans, computerized and otherwise, for switched network design of the future DCS.

Disposal: not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

906-04 Switched Networks Objectives. Documents reflecting modification and validation of existing algorithms; development and validation of a data base which includes tariff costs, survivability requirements, and survivability scenarios.

Disposal: not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

906-05 Switch Networks Milestones. Computer printouts and other documentation showing degree of progress in achieving switched network design objectives.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

906-06 Switched Networks Study Outputs. Studies covering areas such as the impact of the number and location of the switches on the design of the minimum cost network; cost of trade-off to determine placement of KDC's to minimize cost; topology of base-line minimum cost network; minimum cost options for providing specified increases in survivability; documentation of methodology and computer programs for networks reevaluation if traffic or crisis scenario changes; and related studies.

Disposal: not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

906-07 Reserved.

906-08 Reserved.

906-09 Reserved.

906-10 Switched Networks Contracts and Proposals. Copies of contracts and solicited proposals for software and other deliverable for switched networks. Included are specifications for input/output requirements; applicable data management techniques, and related material.

DISPOSAL APPROVED

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

906-11 Switched Networks Division Briefings. Charts and supporting data used in presentations given by division officials to their colleagues on the status of assigned tasks, problems encountered and related solutions, and other matters affecting switched networks.

Disposition: Destroy when superseded or no longer needed.

906-12 Switched Networks Transition Plan. This plan identifies the sequenced actions in the transition to the future DCS network.

Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

*Disposal not authorized at this time,
review for disposal within 10 years.*

DISPOSAL APPROVED

Others - Destroy when no longer needed.

906-13 Switched Networks Reference Papers. These papers relate to switched networks for the future DCS and consist of:

a. Copies of documents which duplicate the record copies filed elsewhere.

b. Documents which require no action.

c. Rough drafts, notes, feeder reports, and other working papers.

d. Cards, listings, indexes, and other papers used for controlling work.

DISPOSAL APPROVED

Disposition: Destroy when no longer needed.

Section CMVII. SATELLITE COMMUNICATIONS

Files in this section relate to the use of satellite communications in the future DCS.

907-01 Satellite Communications Concept Papers. Documents outlining the application of satellite communications to achieve the objectives of the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

907-02 Satellite Communications Meeting Summaries. Proceedings of panels, working groups, and committees given the responsibility to resolve problems concerning cost-effective applications of satellite communications in the future DCS. Included are announcements, agenda, minutes, reports (if required), recommendations, and related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

907-03 Satellite Communications Plans. Plans outlining the space segment, earth terminal configuration, antenna, sizing, and equipment complement of the future DCS satellite system, to include the use of multiple transponders.

Disposition: Office of Record - Permanent. Retire when no longer needed.

DISPOSAL APPROVED Others - Destroy when no longer needed.

907-04 Satellite Communications Objectives. Papers enumerating criteria for selection of the best suited transmission media and their related configurations.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

907-05 Satellite Communications Milestones. Milestones which chart target dates for completion of specific stages of development of satellite communications for the future DCS.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

907-06 Satellite Communications Study Outputs. Papers reflecting address of pertinent parameters of satellite communications.

Disposal not authorized at this time,
Disposition: Office of Record - Permanent. Retire
when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

907-07 Satellite Communications Integration Program. Documents outlining satellite communications interface requirements compatible with transmission and implementation concepts.

Disposal not authorized at this time,
Disposition: Office of Record - Permanent. Retire
when no longer needed.

review for disposal within 10 years.
DISPOSAL APPROVED Others - Destroy when no longer needed.

907-08 Reserved.

907-09 Reserved.

907-10 Satellite Communications Contracts and Proposals. Copies of contracts and solicited proposals for satellite communications deliverables. Included also are specifications, statement of work, and related documents.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

907-11 Satellite Communications Division Briefings. Briefings presented by division officials to apprise their colleagues of the status of assigned tasks, problems and their solutions, and other matters affecting satellite communications for the future DCS.

Disposition: Destroy when superseded or no longer needed.

907-12 Satellite Communications Transition Plan. This plan defines the transition from the current DCS satellite programs and deployments to the desired future implementation, which will include additional long-haul links from the present Phase II satellites.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.
Others - Destroy when no longer needed.
DISPOSAL APPROVED

907-13 Satellite Communications Reference Papers. These papers relate to satellite communications for the future DCS and consist of:

- a. Copies of documents which duplicate the record copies filed elsewhere.
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

907-14 Satellite Communications Technology Review Files. Papers reflecting review of technical papers and publications issued by Government and industry for possible use in planning the future DCS.

Disposition: Destroy when no longer needed.

Section CMVIII. COST EFFECTIVENESS

Files in this section outline the costs of the future DCS alternatives under consideration and the methods for determining the life-cycle cost (LCC).

908-01 Cost Effectiveness Concept Papers. Papers reflecting methodology for determining LCC of the alternatives under consideration. Included are categories such as investment costs for government-owned equipment; cost of leasing switches in CONUS and purchases overseas; and cost of upgrading or modifying PBX's.

Disposal not authorized at this time
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

908-02 Cost Effectiveness Meeting Summaries. Proceedings generated by panels, committees, and working groups which meet to resolve cost effectiveness problems concerning items such as tradeoffs, evaluation, risk, and related topics. Included are announcements, agenda, minutes, reports (if required), recommendations, and related papers.

Disposal not authorized at this time
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

908-03 Cost Effectiveness Plans. Plans consist of a set of cost estimating relationships (CER's), which link costs to physical and performance parameters. Also included are engineering estimates of future production costs of equipment.

Disposal not authorized at this time
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

908-04 Cost Effectiveness Objectives. Papers reflecting performance of overall system tradeoff analyses of system/subsystem alternatives to provide a basis for selection of the "best" design. Included are tasks, subtasks, analyses, cost models, and related papers.

Disposal not authorized at this time
Disposition: Office of record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

908-05 Cost Effectiveness Milestones. Models, displays, and supporting material showing status of developmental stage of cost effectiveness of the system alternatives being considered.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

908-06 Cost Effectiveness Study Outputs. Studies consist primarily of cost-responsiveness evaluations and risk analyses of the proposed design alternatives for the future DCS. Included are cost model, responsiveness model, risk model and analytic submodels.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

DISPOSAL APPROVED Others - Destroy when no longer needed.
908-07 Reserved.

908-08 Reserved.

908-09 Reserved.

908-10 Cost Effectiveness Contracts and Proposals. Copies of contracts and solicited proposals for cost effectiveness deliverables. Included are specified computer programs, statement of work, and related papers.

Disposition: Office of record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

908-11 Cost Effectiveness Division Briefings. Papers and supporting material used by division officials in apprising their colleagues on the status of assigned tasks, problems and related solutions, and other matters of interest.

Disposition: Destroy when superseded or no longer needed.

908-12 Reserved.

908-13 Cost Effectiveness Reference Papers. These papers relate to cost effectiveness for the future DCS and consist of:

a. Copies of documents which duplicate the record copies filed elsewhere.

b. Documents which require no action.

c. Rough drafts, notes, feeder reports, and other working papers.

d. Cards, listings, indexes, and other papers used for controlling work.

DISPOSAL APPROVED

Disposition: Destroy when no longer needed.

Section CMIX. INTERFACES

Files in this section document efforts to resolve the problems inherent to interfacing the future DCS with not only commercial carriers, but also with non-DCS military communications systems and systems operated by foreign allies and treaty bloc nations.

909-01 Interface Concept Papers. Papers developed to support the necessary coordination with operators of other communications systems.

Disposition not authorized at this time,
Disposition: Office of Record - Permanent. Retire when no longer needed.

review for disposal within 10 years.
Others - Destroy when no longer needed

DISPOSAL APPROVED

909-02 Interface Meeting Summaries. Papers containing proceedings of committees, panels, and working groups which meet to resolve problems concerning interfacing the future DCS with other communications systems. Included are announcements, agenda, minutes, coordination problems with non-DCS system operators and related solutions, reports (if required), recommendations, and related papers.

Disposition not authorized at this time,
Disposition: Secretariat - Permanent. Retire when no longer needed.

review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

909-03 Interface Plans. Plans containing approaches to interfacing the future DCS with tactical, NICS, EUROCOM, PTARIGAN, and other systems. Also included are system plans and subsystem design plans.

Disposition: Office of Record - Permanent. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

909-04 Interface Objectives. Papers relating to development of system functional specifications which lead to interface

standards, thus allowing cost-effective interoperability of commercial communications systems and other non-DCS communications systems.

Disposal not authorized at this

Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within

Others - Destroy when no longer needed.

10 years -

DISPOSAL APPROVED

909-05 Interface Milestones. Milestones projecting target dates for accomplishing specific stages of interface and degree of interoperability between the future DCS and other communications systems.

Disposal not authorized at this

Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within 10

Others - Destroy when no longer needed.

years.

DISPOSAL APPROVED

909-06 Interface Study Outputs. These studies comprise analysis of national and DoD/JCS policy and guidance regarding DCS interfaces with other systems; common carrier interface; DCS/TRI-TAC models; interface criteria and compatibilities between the DCS and other systems; and other pertinent analyses.

Disposal not authorized at this

Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within

Others - Destroy when no longer needed.

10 years -

DISPOSAL APPROVED

909-07 Interface Program. Papers reflecting development of interface compatibility and interoperability, data organization for all interfaces, interaction with other systems, and related papers.

Disposal not authorized at this

Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Time, review for disposal within

Others - Destroy when no longer needed.

10 years -

DISPOSAL APPROVED

909-08 Reserved.

909-09 Reserved.

909-10 Interface Contracts and Proposals. Copies of contracts and solicited proposals for interface deliverables. Included are specifications, statement of work, and related papers.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

DIS. JSL APPROVED

Others - Destroy when no longer needed.

909-11 Interface Division Briefings. Materials used in briefings given by division officials to their colleagues on the status of assigned tasks, problems and solutions, and other matters affecting interface. Included are milestone charts, slides, and supporting papers.

DISPOSAL APPROVED

Disposition: Destroy when superseded or no longer needed.

909-12 Interface Transition Plans. These plans reflect consideration of interface devices at interconnection points for necessary translation and to ensure interoperability.

Disposal not authorized at this time,
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

909-13 Interface Reference Papers. These papers relate to interface of the future DCS and consist of:

a. Copies of documents which duplicate the record copies filed elsewhere.

b. Documents which require no action.

c. Rough drafts, notes, feeder reports, and other working papers.

d. Cards, listings, indexes, and other papers used for controlling work.

DISPOSAL APPROVED

Disposition: Destroy when no longer needed.

909-14 Interface Technology Review Files. Documents reflecting review of technical papers and publications issued by Government and industry. The products have immediate or potential use in planning for the future DCS.

Disposition: Destroy when no longer needed.

Section CMX. SURVIVABILITY

Files in this section document methods and techniques applied in designing the future DCS to ensure its survival against natural disasters and hostile attacks by man.

910-01 Survivability Concept Papers. Papers reflecting design concepts to ensure rapid system reconfiguration and the restoration of essential communications following major catastrophic failures.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

910-02 Survivability Meeting Summaries. Proceedings of working groups, panels, and committees which assemble to resolve problems concerning survivability of the DCS under adverse conditions and explore questions of vulnerability and damage assessment. Included are announcements, agenda, minutes, reports (if required), and related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

910-03 Survivability Plans. Plans containing network systems control survivability criteria for synthesis of the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

910-04 Survivability Objectives. Papers reflecting development of analytic techniques and simulation models for evaluating survivability of the future DCS and application results.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

910-05 Survivability Milestones. Charts showing target dates for accomplishing specific stages of development toward survivability objectives.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

910-06 Survivability Study Outputs. Studies reflecting survivability index to measure the vulnerability of alternate networks; survivability criteria; survivability evaluation of a highly damaged network; survivability of alternate satellite transmission; impact of the KDC (key distribution center) concept on survivability of communications; accommodation of critical traffic in a damage environment; and related or collateral studies.

Disposal not authorized at this time
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

910-07 Survivability Interfacing Program. Papers outlining survivability of interfacing devices applied among physically diverse transmission media, to include transportables and satellite ground facilities.

Disposal not authorized at this time
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

910-08 Reserved.

910-09 Reserved.

910-10 Survivability Contracts and Proposals. Information copies of contracts and solicited proposals for survivability deliverables. Also included are specifications, statement of work, and related papers.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

910-11 Survivability Division Briefings. Milestone charts, slides, and other supporting material used in presentations given by division officials to their colleagues on the status of assigned tasks, problems and their solutions, and other pertinent matters.

Disposition: Destroy when superseded or no longer needed.

910-12 Reserved.

910-13 Survivability Reference Papers. These papers relate to communications system survivability and consist of:

- a. Copies of documents which duplicate the records copies filed elsewhere.
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

910-14 Survivability Technology Review Files. Papers reflecting review of technical papers and publications issued by Government and industry and retained for possible use in planning the future DCS.

Disposition: Destroy when no longer needed.

Section CMXI. O&M RESOURCE MINIMIZATION

Files in this section document efforts to minimize the operation and maintenance (O&M) costs of the future DCS. These efforts are the logical sequence to development of the least cost future Defense Communications System, consistent with system effectiveness and efficiency.

911-01 O&M Resource Concept Papers. Papers outlining approaches to minimizing the operation and maintenance of the future DCS.

Disposition not authorized at this time,
Disposition: Office of Record - Permanent. Retire when no longer needed.

review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

911-02 O&M Resource Meeting Summaries. Proceedings of committees, working groups, and panels which meet to achieve consensus on salient factors such as identification of O&M functions having significant potential for cost reduction, trade-offs, models, automation, transition, and other items having a direct bearing on O&M costs of the future DCS. Included are announcements, agenda, minutes, reports (if required) recommendations, and related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - Permanent. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

911-03 O&M Resource Plan. The plan consists of a computer model of cost factors and CER's (cost estimating relationships) for use in costing future DCS alternatives.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

911-04 O&M Resource Objectives. Documents outlining O&M functions having savings potential, to include reduction of operating personnel through automation or simplified procedures.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

911-05 O&M Resource Milestones. Charts showing target dates for accomplishment of main objectives through subtasks.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

911-06 O&M Resource Study Outputs. Studies consist of cost trade-offs of O&M functions, transition criteria, deficiencies of the present DCS O&M functions and methods, extrapolations of future DCS O&M costs as compared with the current costs, computer model of system availability, and related matters.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - Permanent. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

911-07 Reserved.

911-08 Reserved.

911-09 Reserved.

911-10 O&M Resource Contracts and Proposals. Copies of contracts and solicited proposals for O&M resource deliverables, particularly software. Also included are specifications, statement of work, and related papers.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

911-11 O&M Resource Division Briefings. Milestone charts, supporting data, and progress reports used by division officials to brief their colleagues on the status of assigned tasks and subtasks, problems and their solutions, and other related matters of interest.

Disposition: Destroy when superseded or no longer needed.

911-12 O&M Resource Transition Plan. The plan contains costs savings criteria for transitioning the present DCS to the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.
DISPOSAL APPROVED

911-13 O&M Resource Reference Papers. These papers relate to O&M resource and consist of:

- a. Copies of documents which duplicate the record copies filed elsewhere.
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

Section CMXII. TRANSMISSION

Files in this section document the efforts to achieve the objectives of the transmission network in the future Defense Communications System.

912-01 Transmission Concept Papers. Papers outlining transmission aspects of the future system design concept, with particular emphasis on the incorporation of digital services and their impact on multiplex hierarchies, and timing and synchronization.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - ~~Destroy~~ when no longer needed.
DISPOSAL APPROVED

912-02 Transmission Meeting Summaries. Proceedings of panels, committees, and working groups which meet to resolve transmission problems affecting the future DCS. Included are announcements, agenda, minutes, reports (if required), recommendations, and related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.
Others - ~~Destroy~~ when no longer needed.
DISPOSAL APPROVED

912-03 Transmission Plan. Plan outlining the evolution to an all-digital network (exclusive of loops) for the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - ~~Destroy~~ when no longer needed.
DISPOSAL APPROVED

912-04 Transmission Objectives. Papers concerning transmission network goals, to include performance, efficient operation, maintenance, and system control.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.
Others - ~~Destroy~~ when no longer needed.
DISPOSAL APPROVED

912-05 Transmission Milestones. Charted target dates for completing specific stages of development of the transmission network for the future DCS.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

912-06 Transmission Study Outputs. Analyses related to the transmission network in the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

912-07 Transmission Integration Program. Papers outlining the steps necessary to integrate the future DCS with common carriers in CONUS and foreign facilities overseas.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

912-08 Reserved.

912-09 Reserved.

912-10 Transmission Contracts and Proposals. Copies of contracts and proposals for transmission network deliverables. Also included are specifications, statements of work, and related documents.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

Others - Destroy when no longer needed.

912-11 Transmission Division Briefings. Progress reports used by division officials to brief their colleagues on the status of assigned tasks, problems and their solutions, and other matters bearing on the transmission network for the future DCS.

Disposition: Destroy when no longer needed.

912-12 Transmission Transition Plan. Plan outlining requirements and prerequisites to effect the transition to the transmission network of the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

912-13 Transmission Reference Papers. These papers relate to transmission in the future DCS and consist of:

- a. Copies of documents which duplicate the record copies filed elsewhere. .
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

912-14 Transmission Technology Review Files. Papers reflecting review of technical papers and publications issued by Government and industry. These documents have a bearing or potential bearing on planning for the future DCS.

Disposition: Destroy when no longer needed.

Section CMXIII. SWITCHING

Files in this section outline the use of switches, which are the primary means of achieving real-time control over the utilization of transmission resources. The switches are imbedded in the transmission network.

913-01 Switching Concept Papers. Papers relating to future switching concepts.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~ Retire when no longer needed.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

913-02 Switching Meeting Summaries. Documents relating to proceedings of panels, committees, and working groups which meet to resolve pertinent problems affecting switching in the future DCS. Included are announcements, agenda, minutes, recommendations, reports (if required), and related papers.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Secretariat - ~~Permanent~~. Retire when no longer needed.

Disposal not authorized at this time, review for disposal within 10 years.
Others - Destroy when no longer needed.

913-03 Switching Plan. Plan providing for updating the switching facilities of the DCS to those called for by the future DCS plans.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Disposal not authorized at this time, review for disposal within 10 years.
Others - Destroy when no longer needed.

913-04 Switching Objectives. Papers outlining the performance objectives for switches in the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Disposal not authorized at this time, review for disposal within 10 years.
Others - Destroy when no longer needed.

913-05 Switching Milestones. Target dates established to achieve specific stages of development of switching for the future DCS.

Disposition: Office of Record - Destroy after 5 years. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

913-06 Switching Study Outputs. Studies made to determine the "best" switch designs, consistent with operational requirements and cost-effectiveness for future DCS circuit switches.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Disposal not authorized at this time, review for disposal within 10 years.
Others - Destroy when no longer needed.

913-07 Switching Integration Program. Papers outlining steps for integrating circuit switches into the future DCS.

Disposal not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Disposal not authorized at this time, review for disposal within 10 years.
Others - Destroy when no longer needed.

DISPOSAL APPROVED

913-08 Reserved.

913-09 Reserved.

913-10 Switching Contracts and Proposals. Copies of contracts and solicited proposals for switching deliverables. Also included are specifications, statement of work, and related documents.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

913-11 Switching Division Briefings. Materials and supporting documents used by division officials in briefing their colleagues on the status of assigned tasks, problems encountered and solutions broached, and other matters pertaining to switching for the future DCS.

Disposition: Destroy when no longer needed.

913-12 Switching Transition Plan. Plan developed to chart the transition from present switching facilities to those developed for the future DCS.

Disposition: Office of Record - ~~Permanent~~ Retire when no longer needed.

Disposal not authorized at this time, review for disposal within 10 years.

Others - Destroy when no longer needed.

DISPOSAL APPROVED

913-13 Switching Reference Papers. These papers relate to switching for the future DCS and consist of:

- a. Copies of documents which duplicate the record copies filed elsewhere.
- b. Documents which require no action.
- c. Rough drafts, notes, feeder reports, and other working papers.
- d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

Section CMXIV. SIMULATION CENTER OPERATIONS

Files in this section accumulate at the DCA Hybrid Simulation Center, Defense Communications Engineering Center (DCEC). By use of a general purpose computer, the Center simulates in real-time the functions of a large-scale communications system. It also validates future system concepts and subsystem designs and investigates problems in the operation of the current DCS.

914-01 Simulation Administrative Files. Documents relating to the general, routine administration of the DCA Simulation Center, but exclusive of specific files described in this section.

Disposition: Destroy after 2 years.

914-02 Simulation Facility Technical Plans. Plans delineating hardware configuration and space assets of the Simulation Center. Also included are papers reflecting configuration control to ensure that the exact configuration is known and documented at all times.

Disposition not authorized at this time, review for disposal within 10 years.
Disposition: Office of Record - ~~Permanent~~. Retire when no longer needed.

Others - Destroy when no longer needed.

914-03 Simulation Data Base. Data consisting of information such as the number of switches, location of switches and trunks, number of subscribers, network description, connectivity and routing, and similar information.

DISPOSAL APPROVED

Disposition: Destroy when superseded or obsolete.

914-04 DCS Performance Simulator. Documents derived from simulating the performance of the DCS to determine areas for improvement, cost effectiveness, and performance testing.

Disposition: Destroy when no longer needed.

914-05 DCS Simulation Studies. Documents developed for or in support of simulation studies of the performance of the DCA telecommunications networks. Included are analyses, computer printouts, and related papers.

Disposition: Office of Record - Permanent. Retire when no longer needed.

DISPOSAL APPROVED

Others - Destroy when no longer needed.

914-06 Simulation Studies Reports. Published simulation reports issued by DCEC. The reports contain simulation results such as performance, cost effectiveness, and other data useful to system engineers.

Disposition: Office of Record - Destroy after 10 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

914-07 Simulation Facility Configurations. Papers outlining current configuration and planned configuration hardware layout of the Simulation Center.

Disposition: Destroy when no longer needed.

914-08 Simulation Software Packages. Models and computer programs associated with simulation models. Also included are program reports.

Disposition: Destroy when no longer needed.

914-09 Simulator Hardware. Lists of specialized pieces of hybrid devices, media simulators, transmission simulators, and related equipments and devices.

Disposition: Destroy when no longer needed.

914-10 Simulation Training. Material developed by DCEC in conducting training in operation of simulators and the two prevalent computer languages, FORTRAN (formular translation) and COBOL (common business office language).

Disposition: Destroy when superseded or obsolete.

914-11 Simulation Contracts and Proposals. Copies of contracts and solicited proposals for simulation deliverables, both hardware and software. Included are specifications, statement of work, and related papers.

Disposition: Office of Record - Destroy after 5 years.
Retire when no longer needed.

Others - Destroy when no longer needed.

914-12 Simulation Technology Review Files. Papers reflecting review of simulation technical papers and publications issued by Government and industry for possible application in developing detailed design specifications and drawings required by the DCA Simulation Center.

Disposition: Destroy when no longer needed.

914-13 Simulation Reference Papers. These papers relate to the DCA Simulation Center operations and consist of:

a. Copies of documents which duplicate the record copies filed elsewhere.

b. Documents which require no action.

c. Rough drafts, notes, feeder reports, and similar working papers.

d. Cards, listings, indexes, and other papers used for controlling work.

Disposition: Destroy when no longer needed.

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