

REQUEST FOR RECORDS DISPOSITION AUTHORITY
(See Instructions on reverse)

5/11/81
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TO: GENERAL SERVICES ADMINISTRATION,
NATIONAL ARCHIVES AND RECORDS SERVICE, WASHINGTON, DC 20408

JOB NO. NCI-371-81-1
DATE RECEIVED May 11, 1981
NOTIFICATION TO AGENCY In accordance with the provisions of 44 U.S.C. 3303a the disposal request, including amendments, is approved except for items that may be stamped "disposal not approved" or "withdrawn" in column 10.
<i>Lee S. Sz</i> Date
<i>Robert M. V...</i> Archivist of the United States

1. FROM (AGENCY OR ESTABLISHMENT) Defense Communications Agency TCA	
2. MAJOR SUBDIVISION Administrative Support Division	
3. MINOR SUBDIVISION Publications & Records Mgmt Branch	
4. NAME OF PERSON WITH WHOM TO CONFER Barbara F. Hess / Vincent Volonoski	5. TEL. EXT. 692-6952

6. CERTIFICATE OF AGENCY REPRESENTATIVE:
I hereby certify that I am authorized to act for this agency in matters pertaining to the disposal of the agency's records; that the records proposed for disposal in this Request of 6 page(s) are not now needed for the business of this agency or will not be needed after the retention periods specified.

A Request for immediate disposal.

B Request for disposal after a specified period of time or request for permanent retention.

C. DATE 7 May 81	D. SIGNATURE OF AGENCY REPRESENTATIVE <i>Barbara F Hess</i>	E. TITLE Chief, Publications & Rec Mgmt Br
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7. ITEM NO.	8. DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9. SAMPLE OR JOB NO.	10. ACTION TAKEN
1	<p align="center">Section LXXV. ARPANET Files</p> <p>Files in this section document the operational management responsibility of the Advanced Research Projects Agency Network (ARPANET). ARPANET is an operational, resource sharing intercomputer network linking a wide variety of computers at ARPA-sponsored research centers and other DoD activities in CONUS, Hawaii, Norway, and England. The network is designed to provide efficient communications between heterogeneous computers (computer internetting) so that hardware and data resources could be conveniently and economically shared by a wide community of users. The ARPANET consists of the Interface Message Processors (IMPs), Terminal Interface Processors (TIPs), and their interfaces; the communications lines interconnecting the IMPs and TIPs, and the Network Control Center.</p> <p>875-01 ARPANET Administrative Files. Documents relating to the general, routine administration of the ARPANET, but exclusive of specific files described in this section.</p>		<i>27. 10/1/81</i>

115-107

Copy to agency, 1-27-83, 828.

MASS DATA CHANGE SHEET NOT REQUIRED

STANDARD FORM 115
Revised April, 1975
Prescribed by General Services Administration
FPMR (41 CFR) 101-11.4

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2	<p>Disposition: (a) Office of record - Destroy when 10 years old. Retire when no longer needed.</p> <p>(b) Others - Destroy when no longer needed.</p> <p>875-02 <u>ARPANET Sponsors Group Files</u>. Chaired by DCA, the group consists of representatives of various ARPANET sponsors who meet to provide advisory services, to include review and coordination of all actions affecting services rendered by the network. The group serves as a vehicle for coordinating proposed network changes which may affect sponsors or users; to exchange ideas and information on network operations, future plans for the network and common interests, and user activities. Included are the group charter announcements, agenda, minutes, group reports (when required), recommendations, and related papers. Files arranged chronologically.</p> <p>Disposition: (a) HQ DCA - Permanent. Retire when no longer needed. Offer to NARS in 5 year blocks when 20 years old.</p> <p>(b) Others - Destroy when no longer needed.</p>		
3	<p>875-03 <u>ARPANET Operational Management Files</u>. Documents generated in the overall operational management of the ARPANET. Included are papers reflecting policies, procedures, and standards for operation and maintenance of the ARPANET; criteria for access to ARPANET by new, prospective users; papers governing operation and maintenance of ARPANET hardware, software, and Network Control Center; leases for node-to-node and very distant host-to-node communications lines; and related papers. Files arranged by subjects.</p> <p>Disposition: (a) Office of record - Permanent. Retire when no longer needed. Offer to NARS in 5 year blocks when 20 years old.</p> <p>(b) Others - Destroy when no longer needed.</p>		
4	<p>875-04 <u>ARPANET Improvement Plans</u>. Plans containing design features for network changes or improvements in configuration, procedures, standards, hardware, software, or any other changes which enhance the</p>		

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	<p>efficiency and economy in operation and maintenance of the ARPANET.</p> <p>Disposition: (a) Office of record - Destroy when 10 years old.</p> <p style="padding-left: 40px;">(b) Others - Destroy when no longer needed.</p>		
5	<p><u>875-05 ARPANET Hardware/Software Configuration Management Files.</u> With the Range Measurements Laboratory (RML) records as a baseline, papers developed to reflect management of ARPANET hardware/software configuration. The configuration depicts the interconnections between IMPs, TIPs, NCC, and hosts.</p> <p>Disposition: (a) Office of record - Destroy when 3 years old.</p> <p style="padding-left: 40px;">(b) Others - Destroy when no longer needed.</p>		
6	<p><u>875-06 ARPANET Technical Literature Development Files.</u> Papers which contribute to the development of ARPANET equipments manuals prepared by contractors or in-house. Included are reviews, verifications, changes, and advice furnished by DCA engineers and scientists.</p> <p>Disposition: Destroy when no longer needed.</p>		
7	<p><u>875-07 ARPANET ANNC Files.</u> Papers reflecting support given to DCA engineering development of AUTODIN II by providing DCA engineers with an experimental tool for real-time interaction and monitoring of a large, interactive data communications system. It also provides DCA operational experience and training on day-to-day control of the ARPANET.</p> <p>Disposition: Destroy when no longer needed.</p>		
8	<p><u>875-08 ARPANET User/Sponsor Requests.</u> Case files developed by DCA in evaluating requests from new users (non-DoD government agencies and non-government organizations) for access to the ARPANET. Included are the new user's justification for access to the network; user readiness to provide funds for the type of service required; TSR; topology analysis; cost/charge</p>		

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	<p>information; site profile; DCA's decision (approval or disapproval); necessary information furnished contractors; tasks assigned to DCEC, DCAOC, and DECCO; site survey authorization; funding arrangements; and related papers.</p> <p>Disposition: Destroy on withdrawal by user.</p>		
9	<p>875-09 <u>ARPANET Performance Files</u>. Statistics collected on the performance of the IMPs and TIPs in processing and routing packets and messages through the network.</p> <p>Disposition: Destroy when no longer needed.</p>		
10	<p>875-10 <u>ARPANET Performance Evaluation Files</u>. Papers reflecting performance evaluation of the ARPANET. Evaluation of the network by means of interactive graphics is made to identify changes in procedures, standards, hardware, software, or topology which may impede network performance.</p> <p>Disposition: Destroy when no longer needed.</p>		
11	<p>875-11 <u>ARPANET Directory</u>. Lists of all users of ARPANET. The lists are arranged alphabetically by network users, as well as by their location.</p> <p>Disposition: Destroy when superseded.</p>		
12	<p>875-12 <u>ARPANET Funding Information</u>. Using communications services industrial funds (CSIF) as a financial resource, ARPANET is self-sustaining in that all users share the cost of operating and maintaining the network (except for overseas communications, which are financed by ARPA). Costs are prorated in accordance with the number of network nodes owned by the sponsors. Included are papers reflecting estimates of specific aspects of the network, funding requirements, forecasts, allocations, operating schedule, expenditure accounting, surcharges reimbursements due DCA by ARPA for ARPANET services provided to ARPA or its sponsored activities, and related papers.</p> <p>Disposition: (a) Office of record - Destroy when 5 years old. (b) Others - Destroy when no longer needed.</p>		

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13	<p>875-13 <u>ARPANET Modernization Program</u>. Modernization plan to replace Honeywell 316/516 equipment with BBN C/30 equipment. Provide TIP log in procedures, routing algorithm and terminal control Protocol (TCP).</p> <p>Disposition: (a) Office of record - Permanent. Retire when no longer needed. Offer to NARS in 5 year blocks when 20 years old.</p> <p>(b) Others - Destroy when no longer needed.</p>		
14	<p>875-14 <u>ARPANET TSR Logs</u>. The telecommunications service request logs provide a source of information and control of TSR's in the process of allocations and engineering.</p> <p>Disposition: Destroy when 1 year old.</p>		
15	<p>875-15 <u>ARPANET Hardware Management Files</u>. Documents relating to the acquisition of additional network hardware by sponsors and users and subject to DCA approval. DCA manages and coordinates the acquisition, installation, maintenance, and relocation of network hardware assets. Also included are inventory listings, property accountability of network hardware, and related papers.</p> <p>Disposition: Destroy when no longer needed.</p>		
16	<p>875-16 <u>ARPANET Resource Handbook</u>. A compendium of computer resources available at the host sites in the network.</p> <p>Disposition: Destroy when superseded.</p>		
17	<p>875-17 <u>ARPANET Contracts and Solicitation</u>. Papers accumulated during the preparation and review of the solicitation for required equipment which meets specifications to operate the ARPANET and services required to maintain the system. Also papers reflecting management and supervision of the Bolt, Beranek, and Newman (BBN) contract and associated contracts. Included are review, comments, coordination with the military departments, and related papers.</p>		

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18	<p>Disposition: (a) Office of record - Destroy when 5 years old.</p> <p>(b) Others - Destroy when no longer needed.</p> <p>875-18 <u>ARPANET Data Base</u>. A collection of information necessary to ensure optimum performance of the ARPANET. The data base, access to which is restricted to authorized users, contains current network configuration and performance data:</p> <ul style="list-style-type: none"> a. Network performance (%) mean, average and extreme. b. Individual IMP performance (%). c. Individual TIP performance (%). d. Throughput data. e. Average packet/message length. f. Speed of service. g. Number of reloads by IMP/TIP. <p>Disposition: Destroy when superseded.</p>		
19	<p>875-19 <u>ARPANET Reference Papers</u>. These papers relate to operation and maintenance of the ARPANET and consist of:</p> <ul style="list-style-type: none"> 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 to control work. <p>Disposition: Destroy when no longer needed.</p>		