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NIC 32992

0969-75

ARPANET DIRECTORY

July 1975

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ARPA NETWORK, LOGICAL MAP, JUNE 1975

ARPANET
DIRECTORY

July 1975
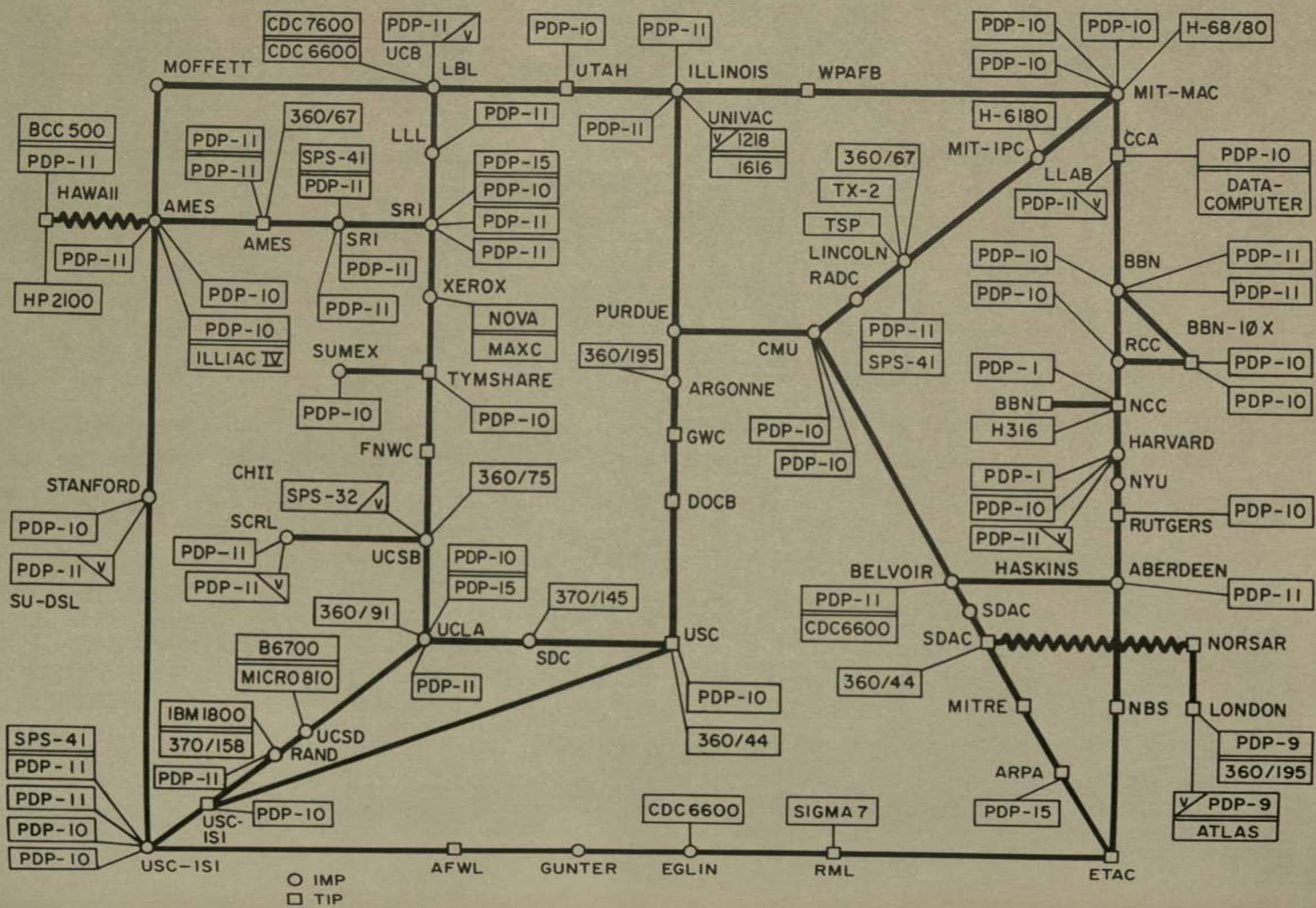
Produced and Published at the
NETWORK INFORMATION CENTER
Stanford Research Institute
Menlo Park, California 94025

HOW TO USE THIS DIRECTORY

INDIVIDUALS:

Individuals who are authorized and have supplied the proper
information to the NIC are listed alphabetically by last name. The
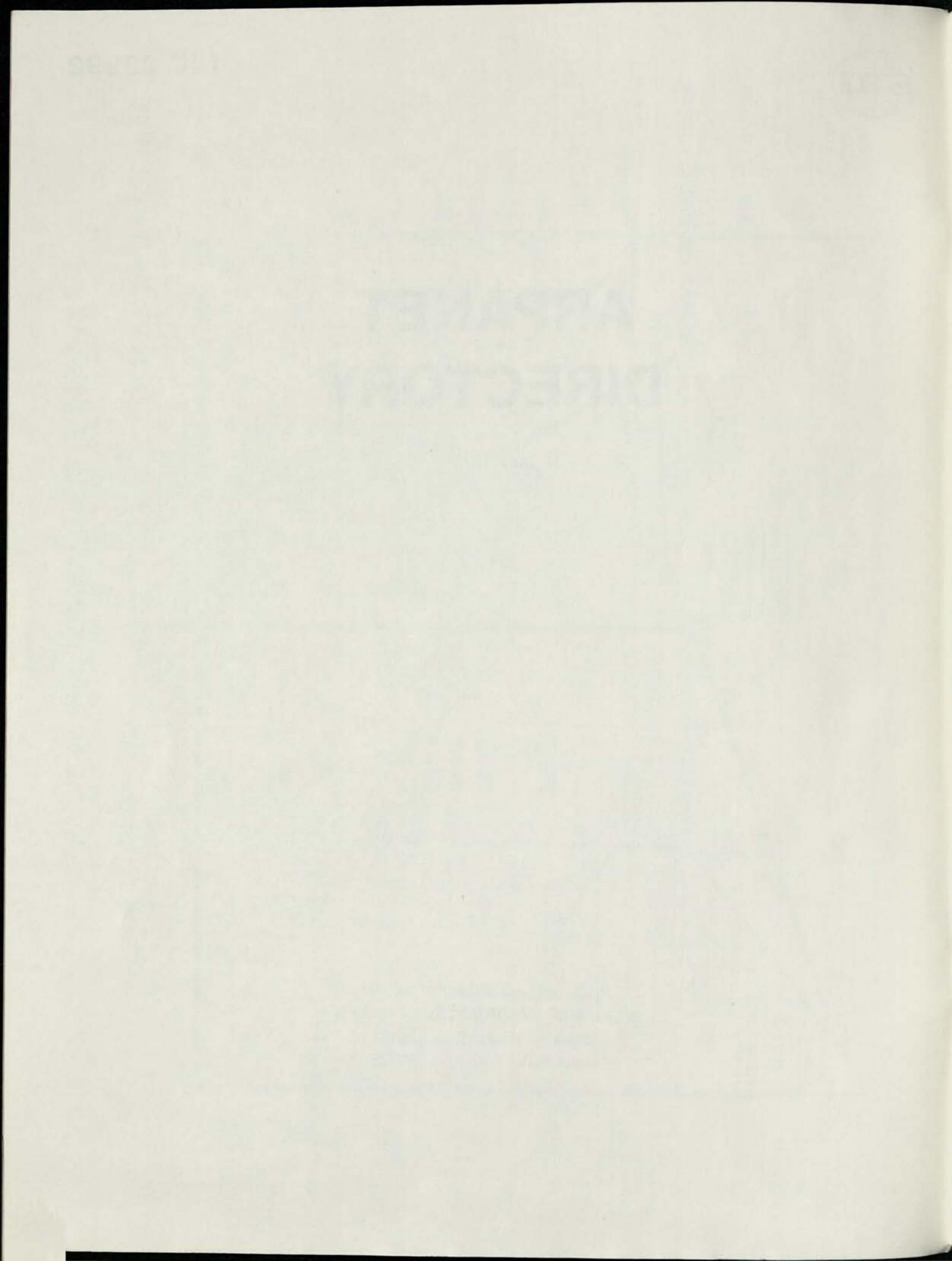format is:

INDIVIDUAL'S NAME   NIC IDENT   NETWORK-MAIL-ADDR
    HARDCOPY-MAIL-ADDR   PHONE NUMBER
                                              HOST NAME OR ORGANIZATION IDENT

where

NIC IDENT = a unique code (usually one's initials) by which the
NIC identification system recognizes and locates an individual.

NETWORK-MAIL-ADDR is in the form: USER NAME @ HOST NAME. The HOST
NAME portion identifies the host where the individual receives
delivery of his network mail. The USER NAME portion of the
network mail address is the character sequence by which that host
identifies the user's incoming mail.

NOTE: The statement 'Network Address Not Known' indicates
that no network mail address was received by the NIC from the
individual in question.

HOST NAME or ORGANIZATION IDENT = the official identification
code for the host or organization at which an individual is
located or with which he is associated.

NIC IDENT INDEX:

This table lists NIC idents alphabetically together with the
corresponding individual's name.

HOST AND ASSOCIATES:

Hosts are computers connected to the Arpanet. Associates are
network-related organizations that do not have Hosts. Both Hosts
and Associates have been authorized by ARPA and registered at the
NIC. They are listed alphabetically by name in the format:

ORGANIZATION NAME   OFFICIAL-HOST NAME
ORGANIZATION ADDRESS
where

OFFICIAL-HOST NAME = a unique acronym, obtained through
negotiation with the NIC, by which a Host is known on the
Arpanet.

GROUPS:

Network special-interest groups established for the purpose of conducting network dialogue, are listed alphabetically by Group Ident as follows:

IDENT   GROUP NAME   COORDINATOR

where

COORDINATOR = the individual responsible for a given Group. This person generally controls the group membership as well as any group note distribution.

NETWORK COMPUTER RESOURCES:

Other information contained in this Directory pertains to host identification and computer resources. This information is presented in serveral brief tables:

SERVERS

The Server Table lists those hosts which are currently capable of providing service to users via the network. The resources provided and the conditions under which they are provided are determined by the Server Host. Information about the type of service offered may be obtained through the 'Accounts Contact' listed for each server host.

(Information about the resources for any given host may be obtained from the Technical Liaison whose name is listed in the Host Name Table, or from the Resource Handbook provided by the Network Information Center.)

HOST NAMES

The Host Name Table lists all network hosts, alphabetically by host name. The table includes the decimal host address, the name and network mail address of the person acting as Technical Liaison for that host, and the current host status.

HOST ADDRESSES AND IMP NO./HOST NO. CONFIGURATION

The Host Address Table lists all network hosts, numerically by host address, both in decimal and in octal, while the Imp No./Host No. Table specifies the number of hosts attached to each Imp.

COMPUTERS

The computer table is a list of network hosts organized by computer manufacturer, model number, and operating system.

HOW TO USE THE
NETWORK INFORMATION CENTER SERVICES

1. To update or add data to this Directory, or to inquire about
    other NIC services:

    via Network Mail to   FEINLER@BBNB

    via U. S. Mail to   Elizabeth Feinler
                                 ARPA Network Information Center
                                 Stanford Research Institute
                                 Menlo Park, California 94025

    via phone to   (415) 326-6200 ext 3695

2. To use the NIC's online computer services:

    Connect to OFFICE-1 (decimal host #43) and login by typing:

    [@]log <SP> nicguest <SP> arpa <SP><CR>

    where

    @ = TENEX herald
    <SP> = a space character
    <CR> = carriage return
    nicguest = the USERNAME
    arpa = the PASSWORD

        NOTE: The account number for 'nicguest' is
        defaulted with the final <SP>

    Access the online NIC/QUERY system by typing:

    [@]nic <CR>

    Then follow the instructions that are printed out.

    NOTE: Users may use this account for viewing or retrieving
    reference files in the NIC/QUERY system, but they may not
    use it to access NLS or to create files.

NETWORK INDIVIDUALS

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┌─────────────────────────────────────────────────┐
│       ENTRIES ARE IN THE FOLLOWING FORMAT:        │
│                                                   │
│ Name              NIC Ident   Network Mail Address│
│ U.S. Mail Address             Phone(s)            │
│ City, State, Zip              Organization Ident  │
└─────────────────────────────────────────────────┘
```

ABBOTT, Robert P.   RPA   ABBOTT@USC-ISI
Lawrence Livermore Laboratory   (415) 447-1100 ext 3406
P.O. Box 808, L-307   LLL-RISOS
Livermore, California 94550

ABEITA, Ethel J.   EJA   ABEITA@I4-TENEX
Institute for Advanced   (408) 735-0635
   Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

ABRAHAM, Steve M.   SMA2 UCLA-SECURITY@USC-ISI
University of California   (213) 825-2368
3531 Boelter Hall   UCLA-ATS
Los Angeles, California 90024

ABRAMS, Marshall D.   MDA   MDA@BBN-TENEX
National Bureau of Standards   (301) 921-2601
Institute for Computer   NBS-ICST
   Sciences and Technology
Washington, D.C. 20234

ABRAMSON, Norman   NA   ABRAMSON@USC-ISI
University of Hawaii   (808) 948-7589
THE ALOHA SYSTEM   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

ACKERMAN-LEWIS, Grace E.   GEA   Ackerman-Lew@MIT-MULTICS
Massachusetts Institute   (617) 253-6323
   of Technology   MIT-MULTICS
MIT-PDO 39-492
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

ADAMS, James L.   JLA   ADAMS@UCLA-CCN
University of California   (213) 825-7529
Campus Computing Network   UCLA-CCN
5628 Math Sciences Addition
Los Angeles, California 90024

ADAMS, Silas D.   SDA   STALOG@OFFICE-1
Air Force Data Systems Design   (205) 279-4521
   Center   GUNTER
STALOG Development Branch
Directorate of Logistics
   Systems
Gunter Air Force Station,
   Alabama 36114

AGIN, Gerald   GA   AGIN@SRI-AI
Artificial Intelligence Center   (415) 326-6200 ext 4720
Stanford Research Institute   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

AH MAI, Karen   KAM   ALOHA@USC-ISI
University of Hawaii   (808) 948-7067
The ALOHA System   ALOHA-TIP
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

AHN, Moon-Suk   MA   ALOHA@USC-ISI
University of Hawaii   (808) 948-7067
The ALOHA System   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

AIELLO, Nelleke   NA2   AIELLO@BBN-TENEXB
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 439
50 Moulton Street   BBN-TENEXB
Cambridge, Massachusetts 02138

AIGHES, Brenda J.   BJA   AIGHES@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 567
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

AIGNER, Sara   SA3   AIGNER@SRI-AI
Artificial Intelligence Center   (415) 326-6200 ext 2312
Stanford Research Institute   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

AIKINS, Jan   JA6   AIKINS@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

ALBERTS, Allan R.   ARA   SCI@USC-ISI
Systems Control, Inc.   (415) 327-9333
1801 Page Mill Road   SCI
Palo Alto, California 94304

ALEXANDER, Edward P.   EPA   DCA@BBN-TENEX
Defense Communications Agency   (202) 692-2824
Code 652   DCA
Washington, D.C. 20305

ALGUSTYNIAK, Alan   AA2   ALAN@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

ALLEN, Don C.   DCA2 ALLEN@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 510
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

ALLEN, Joann   JA5   JOANN@USC-ISI
Advanced Research Projects   (202) 694-1541
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

INDIVIDUALS

ALLEN, Pamela K.   PKA   ALLEN@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 2839
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

ALLEN, Sheila P.   SPA   SALLEN@BBN-TENEXD
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 338
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

ALSBERG, Peter A.   PAA2 Alsberg@MIT-MULTICS
  University of Illinois   (217) 333-3055
  Center for Advanced   ILL-CAC
    Computation
  121 Advanced Computation Bldg.
  Urbana, Illinois 61801

ALTER, Ralph   RA2   Network Address Not Known
  Packet Communications Inc.   (617) 890-6050
  176 2nd Avenue   PCI
  Waltham, Massachusetts 02154

AMARA, Roy C.   RCA   Network Address Not Known
  Institute for the Future   (415) 854-6322
  2740 Sand Hill Road   FUTURE
  Menlo Park, California 94025

AMAREL, Saul   SA2   AMAREL@SUMEX-AIM
  Rutgers University   (201) 932-3546
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

AMIOT, Lawrence W. (Larry)   LWA   Amiot@MIT-MULTICS
  Argonne National Laboratory   (312) 739-7711
  Applied Mathematics Division,   ext 4303 or 4326
    Bldg. 221   ANL
  9700 South Cass Avenue
  Argonne, Illinois 60439

ANASTASIO, Ernest J.   EJA2 Network Address Not Known
  Educational Testing Service   (609) 921-9000 ext 2642
  Rosedale Road   ETS
  Princeton, New Jersey 08540

ANDERSON, B.   UK@USC-ISI
  University of Essex   Colchester 44144
  Computing Center   LONDON
  Colchester, Essex
  ENGLAND

ANDERSON, Craig G.   CGA   Network Address Not Known
  Naval Undersea Center   (714) 225-6461
  Department of the Navy   NUC
  Undersea Surveillance Division
  San Diego, California 92132

ANDERSON, D. Bruce   DBA   DBA@SU-AI
  Stanford University   (415) 497-4971
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

ANDERSON, Robert H.   RHA   ANDERSON@RAND-RCC
  The Rand Corporation   (213) 393-0411 ext 7647
  1700 Main Street   RAND-ISD
  Santa Monica, California 90406

ANDREE, Fred   FA   COMPASS@BBN-TENEX
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

ANDREWS, Don I..   DIA   ANDREWS@BBN-TENEXB
  Stanford Research Institute   (707) 874-369
  P.O. Box 182   SRI-ARC
  Occidental, California 95465

ANDREWS, Harry C.   HCA   Network Address Not Known
  University of Southern   (213) 746-5514
    California   USC-44
  School of Engineering
  Room 332 Powell Hall of
    Information Sciences
  Los Angeles, California 90007

ANDREWS, William L.   WLA   Network Address Not Known
  USAMERDC   (703) 664-5511 and
  Commanding Officer/USAMERDC   (703) 664-5444
  STSFB-BC   BELVOIR
  Fort Belvoir, Virginia 22060

ANKLOWITZ, Philip   PA   NAVSEC@OFFICE-1
  Naval Ship Engineering Center   (202) 436-1551
  Code 6102-C   NSRDC
  Prince Georges Center
  Hyattsville, Maryland 20782

ANLIKER, James   JA4   Anliker.Biocyb@MIT-MULTICS
  NASA Ames Research Center   (415) 965-5952
  Biotechnology Division   AMES-TIP
  Mail Stop 239-3
  Moffett Field, California
    94035

ANTHONY, Charles B.   CBA   NAVSEC@OFFICE-1
  Naval Ship Engineering Center   (202) 436-1551
  Code 6102-C   NSRDC
  Prince Georges Center
  Hyattsville, Maryland 20782

ARCHER, Robert D.   RDA   NAVMINI@OFFICE-1
  Naval Surface Weapons Center   (202) 394-1909
  Code 332   NSRDC
  White Oak Lab
  Silver Springs, Maryland 20910

ARCHER, Steve M.   SMA   ARCHER@UTAH-10
  University of Utah   (801) 581-8354
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

ARIAIL, Frederick P.   FPA   ARIAIL@OFFICE-1
  AFDSDC/XPP   (205) 279-4709
  Gunter AFS   GUNTER
  Alabama 36114

ARMENTI, Amedio   AA   LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 7374
    Technology   LL
  Lincoln Laboratory
  244 Wood Street
  Lexington, Massachusetts
    02173

ARNOLD, Bruce   BA2 ARNOLD@BBN-TENEX
  NAVCOSSACT Code 90
  Building 196 WNY   BBN-TENEX
  Washington, D.C. 20374

ARNTSON, John A.   JAA ARNTSON@OFFICE-1
  Hq., U.S. Army Materiel Command   (202) 274-8626
  Attn: AMCMS   BRL
  5001 Eisenhower Ave.
  Alexandria, Virginia 22333

ARONICA, Elaine   EA   NAC@USC-ISI
  Network Analysis Corporation   (516) 671-9580
  Beechwood, Old Tappan Road   NAC
  Glen Cove, New York 11542

ARTHUR, Harold F.   HFA Network Address Not Known
  ESDMCIF   (617) 861-2922
  L.G. Hanscom Field   LGHF
  Bedford, Massachusetts 01730

ASHENHURST, Robert L.   RLA Network Address Not Known
  University of Chicago   (312) 753-8762
  Institute for Computer   CHIU
    Research
  Chicago, Illinois 60637

AUFENKAMP, D. D.   DDA Network Address Not Known
  National Science Foundation   (202) 632-5743
  Division of Computer Research   NSF
  1800 G Street N.W.
  Washington, D.C. 20550

AUPPERLE, E. M.   EMA Network Address Not Known
  University of Michigan   (313) 764-9423
  MERIT Computer Network   MERIT
  1037 North University Building
  Ann Arbor, Michigan 48104

AURBACH, Jerry   JA2 Network Address Not Known
  Speech Communications Research   (805) 965-3011
    Laboratory, Inc.   SCRL-ELF
  800 Miramonte Drive
  Santa Barbara, California
    93109

AUSTIN, Donald M.   DMA2 Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 5313
  Bldg. 50Bm Rm. 3239A   LBL
  Berkeley, California 94720

AVRUNIN, I. Larry   ILA AVRUNIN@OFFICE-1
  Naval Ship Research and   (202) 227-1683
    Development Center   NSRDC
  Code 1836
  Department of the Navy
  Bethesda, Maryland 20034

AYERS, Carol R.   CRA TAYLOR@OFFICE-1
  Ballistic Research Laboratories   (301) 278-4149
  Aberdeen Proving Ground   BRL
  Maryland 21005

BAECKER, Ron M.   RMB2 Network Address Not Known
  University of Maryland   (301) 454-4251
  Computer Science Center   UMD
  College Park, Maryland 20742

BAGGIANO, Anthony A. L.   AAB BAGGIANO@USC-ISI
  Air Force Data Systems Design   (205) 279-4221
    Center   GUNTER
  Chief Operations Research
    Division (SYO)
  Gunter, Alabama 36114

BAILEY, Gerald W.   JWB3 BAILEY@OFFICE-1
  Director, National Security
    Agency   NSA
  Ft. George G. Meade
  Maryland 20755
  Attn: Jerry Bailey, C44

BAILEY, Steve P.   SPB TAGGART@OFFICE-1
  National Security Agency   (301) 688-6781
  Fort George G. Meade   NSA
  Maryland 20755

BAIR, James H.   JHB BAIR@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 3614
  Augmentation Research Center   OFFICE-1
  333 Ravenswood Avenue
  Menlo Park, California 94025

BAKER, James A.   JAB3 Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 5871
  Building 50B, Rm 3238   LBL
  Berkeley, California 94550

BALZER, Robert M.   RMB BALZER@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

BANDURSKI, Ann Ellis   AEB NSRDC@OFFICE-1
  Naval Ship Research and   (202) 227-1533
    Development Center   NSRDC
  Code 1835
  Bethesda, Maryland 20084

BANGERT, W. A.   WAB BANGERT@USC-ISI
  Advanced Research Projects   (202) 694-1633
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

BANIN, Ram A.   RAB3 SCI@USC-ISI
  Systems Control, Inc.   (415) 494-1165
  1801 Page Mill Road   SCI
  Palo Alto, California 94304

BANKERT, Hilda C.   HCB   HILDA@USC-ISI
Advanced Research Projects   (202) 694-4001
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

BARAN, Paul   PB   PBARAN@USC-ISI
Cabledata Associates, Inc.   (415) 328-2411
701 Welch Road   CAI
Palo Alto, California 94304

BARBER, Derek Leslie Arthur   DB   Network Address Not Known
National Physical Laboratory   01-977-3222 ext 4170
Computer Science Division   NPL
Teddington, Middlesex
ENGLAND

BARKALOW, Thomas J.   TJB   BARKALOW@LL
Massachusetts Institute of   (617) 862-5500 ext 7475
    Technology   LL-TSP
Lincoln Laboratory
244 Wood Street
Lexington, Massachusetts 02173

BARKER, W. B.   WBB   BARKER@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 462
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

BARNES, Deborrah E.   DEB   BARNES@OFFICE-1
Defense Communications   (703) 437-2409
    Engineering Center   DCEC
1860 Wiehle Road
Reston, Virginia 22090
ATTN: Ms. Barnes

BARNETT, Jeffrey A.   JAB   JAB@SDC-LAB
System Development Corporation   (213) 829-7511 ext 7218
2500 Colorado Avenue   SDC-LAB
Santa Monica, California 90406

BARNUM, Alan R.   ARB   BARNUM@OFFICE-1
Rome Air Development Center   (315) 330-2261
(IS)   RADC-TIP
Griffiss Air Force Base
New York 13441

BARON, Sheldon   SB4   BARON@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 235
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

BAROODY, James   AJB2   Network Address Not Known
National Bureau of Standards   (301) 921-2101
Room B340   NBS-ICST
Technology Building
Washington, DC 20234

BARRETT, Phyllis M.   PMB   BARRETT@SRI-AI
Artificial Intelligence Center   (415) 326-6200 ext 4395
Stanford Research Institute   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

BARROW, Harry   HB   BARROW@SRI-AI
Artificial Intelligence Center   (415) 326-6200 ext 5089
Stanford Research Institute   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

BARTHELMESS, Kurt B.   KBB   BOWLES@USC-ISI
University of California at San
    Diego   UCSD-CC
UCSD Computer Center
Box 109
La Jolla, California 92037

BARTON, David   DB2   CAMAL@UTAH-10
University of Cambridge   0223 52435
Computer Laboratory   LONDON-TIP
Corn Exchange Street
Cambridge CB2 3QG
ENGLAND

BASKETT, Forest X.   FXB   FXB@SU-AI
Stanford University   (415) 497-1456
Artificial Intelligence   SU-AI
    Laboratory
Computer Science Department
Stanford, California 94305

BASKIN, Herbert B.   HBB   BASKIN@BBN-TENEX
Computer Systems Research   (415) 642-7220
    Laboratory   UCB
2000 Center Street, #301
Berkeley, California 94704

BASSETT, Margaret A. (Maggie) MAB   Network Address Not Known
Bldg. 50B, Rm. 1232B   (415) 843-2740 ext 5529
Lawrence Berkeley Laboratory   LBL
Computer Center Library
East End of Hearst Avenue
Berkeley, California 94720

BATES, Bobbie H.   BHB   BATES@UCSB-MOD75
University of California at   (805) 961-2261
    Santa Barbara   UCSB-MOD75
Computer Center
Santa Barbara, California
    93106

BATES, David L.   DLB   KIRSTEIN@USC-ISI
University College London   01-387-3421 (UK)
Department of Statistics and   LONDON-TIP
    Computer Science
43 Gordon Square
London WC1H OPD
ENGLAND

BATES, Madeleine   MB2   BATES@BBN-TENEXD
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 566
50 Moulton Street   BBN-TENEXD
Cambridge, Massachusetts 02138

BATES, Ray   RB5   RBATES@USC-ISIB
University of Southern   (213) 822-1511
    California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
    90291

BAUMEL, Harvey P.   HPB   Baumel@MIT-MULTICS
Massachusetts Institute of   (617) 253-7285 or 4112
  Technology   MIT-MULTICS
Laboratory for Nuclear Sciences
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

BAXTER, Faye   FB   Network Address Not Known
Systems Control, Inc.   (415) 327-9333
1801 Page Mill Road   SCI
Palo Alto, California 94304

BEALS, Eric R.   ERB   Network Address Not Known
Lawrence Berkeley Laboratory   (415) 843-2740 ext 5351
Bldg. 50B, Rm. 3238B   LBL
Berkeley, California 94720

BEARD, R. W.   RWB   BEARD@USC-ISI
Advanced Research Projects   (202) 694-1440
  Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

BECK, Jeanne M.   JMB   BECK@OFFICE-1
Stanford Research Institute   (415) 326-6200 ext 3722
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

BECKER, Jerry A.   JAB5   Network Address Not Known
Argonne National Labs   (312) 739-7711 ext 4070
Applied Mathematics Division   ANL
9700 South Cass Avenue
Argonne, Illinois 60439

BECKER, Susan B.   SBB   BECKER@OFFICE-1
Advanced Research Projects   (202) 694-3145
  Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

BECKERMAN, Barry   BXB   BECKERMAN@UCLA-CCN
University of California   (213) 825-7536
Campus Computing Network   UCLA-CCN
5628 Math Sciences Addition
Los Angeles, California 90024

BECKHARDT, Steven R.   SRB2   SRB@CCA-TENEX
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

BEELER, Michael D.   MDB2   BEELER@BBN-TENEXA
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 630
50 Moulton Street   BBN-TENEXA
Cambridge, Massachusetts 02138

BELL, Alan G.   AGB2   BELL@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

BELL, Robert I.   RIB   BELL@UCLA-CCN
University of California   (213) 825-7548
Campus Computing Network   UCLA-CCN
5628 Math Sciences Addition
Los Angeles, California 90024

BELLEVILLE, Robert Louis   RLB2   BELLEVILLE@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 ext 3617
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

BELSNES, Dag   DB3   Network Address Not Known
Stanford University   (415) 497-1245
Digital Systems Laboratory   SU-DSL
Stanford, California 94305

BENGELLOUN, Safwan A.   SAB   SAB@MIT-DMS
Massachusetts Institute of   (617) 253-3578
  Technology   MIT-DMS
Project MAC - PTD
545 Technology Square, Room
  214A
Cambridge, Massachusetts 02139

BENIGNI, Daniel R.   DRB2   ISDS@OFFICE-1
Naval Ship Research and
  Development Center   NSRDC
Code 1851
Bethesda, Maryland 20034

BENJAMIN, Arthur J.   AJB3   ABenjamin@MIT-MULTICS
Massachusetts Institute of   (617) 253-6005
  Technology   MIT-MULTICS
Project MAC
Computer Systems Research
  Division
545 Technology Square
Cambridge, Massachusetts 02139

BENOIT, John W.   JWB   KEENAN@USC-ISI
MITRE Corporation   (703) 790-6518
1820 Dolley Madison Blvd.   MITRE-TIP
Westgate Research Park
McLean, Virginia 22101

BERGER, Jon E.   JEB   BERGER@SRI-AI
Artificial Intelligence Center   (415) 326-6200 ext 4646
Stanford Research Institute   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

BERGSTROM, C. N.   CNB   BERGSTROM@BBN-TENEX
Naval Electronic Systems   (202) 282-2964
  Command   BBN-TENEX
Commander
NAVELECSYSCOM ELEX 51026
Washington, D.C. 20360

BERGSTROM, Deane F.   DFB   BERGSTROM@OFFICE-1
Rome Air Development Center   (315) 330-2672
  (ISIM)   RADC-TIP
Griffiss Air Force Base
Rome, New York 13441

BERLINER, Jeffrey E.   JEB2   BERLINER@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 308
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

BERNSTEIN, Art J.   AJB   Network Address Not Known
SUNY Stony Brook   (516) 246-4081
Department of Computer Science   SUNY
Stony Brook, L.I., New York
   11790

BERNSTEIN, Morton I.   MIB   MORT@SDC-LAB
System Development Corporation   (213) 829-7511 ext 6117
2500 Colorado Avenue   SDC-LAB
Santa Monica, California 90406

BESEMER, James J.   JJB   PURDUE@USC-ISI
Purdue University   (317) 493-1420
Electrical Engineering   PURDUE
   Building
Room 179
West Lafayette, Indiana 47907

BEZ, Herb   HB2   Network Address Not Known
Universite du Quebec   (418) 657-2336
2875 Boul. Laurier   UQSS
Ste-Foy, Quebec 10
CANADA

BIALOSKY, Jane A.   JAB4 Network Address Not Known
Speech Communications Research   (805) 965-3011
   Laboratory, Inc.   SCRL-ELF
800 Miramonte Drive
Santa Barbara, California
93109

BIESEL, Peter   PB2   BIESEL@RUTGERS-10
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

BILDER, Rosemary J.   RJB2 TTO@USC-ISI
Advanced Research Projects   (202) 694-2936
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

BILOFSKY, Walter   WB   BILOFSKY@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 428
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

BINDER, Richard   RB   BINDER@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 584
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

BINFORD, Thomas O.   TOB   TOB@SU-AI
Stanford University   (415) 497-4971
Artificial Intelligence   SU-AI
   Laboratory
Computer Science Department
Stanford, California 94305

BIRHOLTZ, Allan   AB3   ALLAN@I4-TENEX
Institute for Advanced   (408) 735-0635
   Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

BISBEY, Richard   RB6   BISBEY@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

BISHOP, Paul C.   PCB   NAVIMP@OFFICE-1
Naval Coastal Systems Lab   (904) 234-4112
Code 731E   NSRDC
Panama City, Florida 32401

BISSONNETTE, Roger P.   RPB2 ROGER@I4-TENEX
University of Hawaii   (808) 948-7490
2540 Dole Street   HAWAII-500
Honolulu, Hawaii 96822

BLACK, Mildred A.   MAB2 BLACK@CMU-10A
Carnegie-Mellon University   (412) 621-2600 ext 151
Computer Science Department   CMU-10A
Schenley Park
Pittsburgh, Pennsylvania 15213

BLACK, Rudy A.   RAB4 BLACK@USC-ISI
Advanced Research Projects   (202) 694-5917
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

BLANC, Robert P.   RPB   BLANC@BBN-TENEX
National Bureau of Standards   (301) 921-2601
Institute for Computer   NBS-ICST
   Sciences and Technology   NBS-TIP
Washington, D.C. 20234

BLANDFORD, Robert R.   RRB   OWEN@USC-ISI
Alexandria Laboratories   (703) 836-3882 ext 221
Teledyne Geotech   SDAC-TIP
Box 334
Alexandria, Virginia 22813

BLEAN, Robert   RB4   BLEAN@SRI-AI
Artificial Intelligence Center   (415) 326-6200 ext 4646
Stanford Research Institute   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

BLECHEN, Robert   BB   BLECHEN@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

BLESSING, Mary Lou   MLB   NAVAPS@OFFICE-1
Naval Surface Weapons Center   (202) 545-6700
White Oak Lab   NSRDC
Silver Springs, Maryland 20910

BLISS, Peter M. W.   PMWB PMWBLISS@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 571
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

BLUE, Allan G.   AGB   BLUE@USC-ISI
  Advanced Research Projects   (202) 694-5922
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

BLUE, N. D. (Ben)   NDB   BBLUE@BBN-TENEX
  Bolt Beranek and Newman Inc.   (703) 524-4870
  1701 No. Fort Meyer Drive   BBN-NCC
  Arlington, Virginia 22209

BLUEHDORN, Gerald S.   GSB   BLUEHDORN@BBN-TENEX
  Naval Command Sys. Support
    Activity   BBN-TENEX
  Officer in Charge
  Detachment Pacific Pearl
    Harbour
  Box 140
  FPO San Francisco, California
    96610

BLUMKE, James A.   JAB2 UNIVAC@BBN-TENEX
  Sperry Univac   (612) 456-2461
  Univac Park   UNIVAC
  Mail Station UOP16
  P.O. Box 3525
  St. Paul, Minnesota 55165

BOATNER, Beverly S.   BSB   DSDC-SD@OFFICE-1
  Command Systems Division (SDC)   (205) 279-4912
  Air Force Data Systems Design   GUNTER
    Center
  Gunter AFS, Alabama 36114

BOBROW, Daniel G.   DGB   BOBROW@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4438
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

BOBROW, Robert J.   RJB   RUSTY@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 601
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

BOEH, Debbie L.   DLB2 NSA@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Debbie Boeh

BOLDUC, M. Regina   RB3   BOLDUC@BBN-TENEXB
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

BOLI, Beverly   BEV   BOLI@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 3506
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

BOLL, Steven F.   SFB   BOLL@UTAH-10
  University of Utah   (801) 581-8224
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

BOMBERGER, Alan C.   ACB   BOMBERGER@AMES-67
  NASA Ames Research Center   (415) 965-6033
  Computation Division   AMES-67
  Mail Stop 233-9
  Moffett Field, California
    94035

BONDURANT, Rodney A.   RAB   BONDURANT@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 4057
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

BONO, Peter R.   PRB   NAVSEC@OFFICE-1
  Naval Ship Engineering Center   (202) 436-1551
  Code 6102-C   NSRDC
  Prince Georges Center
  Hyattsville, Maryland 20782

BOONE, C. E.   CEB   Network Address Not Known
  Communications Computer   (405) 732-7321
    Programming Center   TINK-418
  JL93/DOME
  Tinker AFB
  Oklahoma 73145

BOONE, Leina M.   LMB   RISOS@USC-ISI
  Lawrence Livermore Laboratory   (415) 447-1100 ext 3406
  P.O. Box 808, L-307   LLL-RISOS
  Livermore, California 94550

BORK, Alfred   AB   Network Address Not Known
  University of California   (714) 833-6911
  Department of Physics and   UCI
    Information and Computer
    Science
  Irvine, California 92664

BORNSTEIN, Isaac   IB   NAVIMP@OFFICE-1
  Naval Undersea Center
  San Diego, California 92132   NSRDC

BOTTO, James V.   JVB   BOTTO@BBN-TENEXB
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

BOTTOMS, John W.   JWB2 PURDUE@I4-TENEX
  ARPA Group, Room 179   (317) 493-3364
  Electrical Engineering Bldg.   PURDUE
  Purdue University
  West Lafayette, Indiana
    47907

BOURNE, Charles P.   CPB   Network Address Not Known
  Institute for Library Research   (415) 642-5802
  University of California at   UCB
    Berkeley
  Berkeley, California   94720

BOW, Jean C.   JCB   Bow@MIT-MULTICS
    Massachusetts Institute of   (617) 253-7185
        Technology   MIT-MULTICS
    MIT-PDO 39-425
    77 Massachusetts Avenue
    Cambridge, Massachusetts 02139

BOWDEN, Joan S.   JSB2 NSRDC@OFFICE-1
    Naval Ship Research and   (202) 227-1907
        Development Center   NSRDC
    Code 1892.1
    Bethesda, Maryland 20084

BOWLES, Kenneth L.   KLB   BOWLES@USC-ISI
    University of California at San   (714) 453-2000 ext 1681
        Diego   UCSD-CC
    UCSD Computer Center
    Box 109
    La Jolla, California 92037

BOYNTON, Thomas L.   TLB2 BOYNTON@USC-ISIB
    University of Southern   (213) 822-1511 ext 188
        California   ISI-SPEECH11
    Information Sciences Institute
    Suite 1100
    4676 Admiralty Way
    Marina Del Rey, California
        90291

BRACHMAN, Ronald J.   RJB3 RBRACHMAN@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 348
    50 Moulton Street   BBN-TENEX
    Cambridge, Massachusetts 02138

BRACKENRIDGE, William A.   WAB2 BILL@SDC-LAB
    System Development Corporation   (213) 829-7511 ext 6135
    2500 Colorado Avenue   SDC-LAB
    Santa Monica, California 90406

BRADEN, Robert T.   RTB   BRADEN@UCLA-CCN
    University of California   (213) 825-7518
    Campus Computing Network   UCLA-CCN
    5628 Math Sciences Addition
    Los Angeles, California 90024

BRADLY, H. W.   HWB   UK@USC-ISI
    Computer Aided Design Centre   0223-63125 ext 260
    Madingley Road   LONDON-TIP
    Cambridge CB3 0HB
    ENGLAND

BRAIN, Alfred E.   AEB2 BRAIN@SRI-AI
    Artificial Intelligence Center   (415) 326-6200 ext 2698
    Stanford Research Institute   SRI-AI
    333 Ravenswood Avenue
    Menlo Park, California 94025

BRAININ, Jack   JB4   ISDS@OFFICE-1
    Naval Ship Research and
        Development Center   NSRDC
    Code 1851
    Bethesda, Maryland 20034

BRANTLEY, Marry J.   MJB   STALOG@OFFICE-1
    Air Force Data Systems Design   (202) 279-4521
        Center   GUNTER
    STALOG Development Branch
    Directorate of Logistics
        Systems
    Gunter Air Force Station,
        Alabama 36114

BRAXTON, Philip S.   PSB   NAVLIS@OFFICE-1
    Naval Ship Research and   (202) 227-1061
        Development Center   NSRDC
    Code 1882
    Bethesda, Maryland 20034

BRAZY, Joseph P.   JPB2 AU-ED@OFFICE-1
    Hq. Air University   (205) 293-7423
    DCS/Education   GUNTER
    Bld 860
    Maxwell AFB, Alabama 36113

BRENGS, Raymond A.   RAB2 ISDS@OFFICE-1
    Naval Ship Research and   (301) 227-1385
        Development   NSRDC
    Code 1851
    Bethesda, Maryland 20034

BRESCIA, Michael F.   MB   MB@MIT-DMS
    Massachusetts Institute of   (617) 253-1429
        Technology   MIT-DMS
    Project MAC - PTD
    545 Technology Square
    Cambridge, Massachusetts 02139

BRESSLER, Robert D. (Bob)   RDB2 BRESSLER@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 477
    50 Moulton Street   BBN-NCC
    Cambridge, Massachusetts 02138

BRIGGS, R. Bruce   RBB2 BRIGGS@UCLA-CCN
    University of California   (213) 825-1933
    Campus Computing Network   UCLA-CCN
    5628 Math Sciences Addition
    Los Angeles, California 90024

BRIGNOLI, Frank G.   FGB   BRIGNOLI@OFFICE-1
    Naval Ship Research and   (202) 227-1618 or 1533
        Development Center   NSRDC
    Code 1833
     Department of the Navy
    Bethesda, Maryland 20034

BRISCOE, Howard W.   HWB2 BRISCOE@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 415
    50 Moulton Street   BBN-NCC
    Cambridge, Massachusetts 02138

BROADLEY, William H.   WHB   BROADLEY@CMU-10A
    Carnegie-Mellon University   (412) 621-2600 ext 171
    Computer Science Department   CMU-10A
    Schenley Park
    Pittsburgh, Pennsylvania 15213

BROOKS, Delorse M.   DMB   DBROOKS@BBN-TENEXB
    Stanford Research Institute   (415) 326-6200 ext 2469
    Augmentation Research Center   SRI-ARC
    333 Ravenswood Avenue
    Menlo Park, California 94025

BROOKS, Robert A.   RAB5   BROOKS@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 453
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

BROOKS, Scotty   SB3   SBROOKS@BBN-TENEX
Systems Control, Inc.   (415) 494-1165 ext 142
1801 Page Mill Road   SCI-TENEX
Palo Alto, California 94304

BROOS, Michael S.   MSB   MSB@MIT-DMS
Massachusetts Institute   (617) 253-1420
of Technology   MIT-DMS
Project MAC-Programming
Technology Division
545 Technology Square
Cambridge, Massachusetts 02139

BROUSIL, James K.   JKB2   NSA@OFFICE-1
Director, National Security
Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: James Brousil, R253

BROWN, David R.   DRB   Network Address Not Known
Information Science Laboratory   (415) 326-6200 ext 2944
Stanford Research Institute   SRI
Menlo Park, California 94025

BROWN, Denny   DB4   DBROWN@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

BROWN, Geff   GB4   GBROWN@SUMEX-AIM
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
08903

BROWN, Harold   HB3   BROWN@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

BROWN, Hendricks   HB6   Network Address Not Known
Argonne National Laboratories   (312) 739-7711 ext 3648
Applied Math Department   ANL
Bldg. T221
9700 South Cass Avenue
Argonne, Illinois 60439

BROWN, J. David   JDB2   NAVIMP@OFFICE-1
Naval Coastal Systems   (904) 234-4112
Laboratory   NSRDC
Panama City, Florida 32401

BROWN, J. Herbert   JHB2   HBROWN@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 481
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

BROWN, John S.   JSB3   BROWN@BBN-TENEXB
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 610
50 Moulton Street   BBN-TENEXB
Cambridge, Massachusetts 02138

BROWN, John Seely   JSB   Network Address Not Known
University of California at   (714) 833-7519
Irvine   UCI
Department of Information and
Computer Science
Irvine, California 92664

BROWNFIELD, Robert P.   RPB3   BROWNFIELD@USC-ISI
Defense Communications Agency   (202) 692-7583
Code 531   DCA
Washington, D.C. 20305

BRUCE, Bertram C.   BCB   BRUCE@BBN-TENEXD
Bolt Beranek and Newman, Inc.   (617) 491-1850 ext 330
50 Moulton Street   BBN-TENEXD
Cambridge, Massachusetts 02138

BRUCKNER, Steve   SB2   FORMAN@MITRE-TIP
MITRE Corporation   (703) 7790-6526
1820 Dolley Madison Blvd.
Westgate Research Park
McLean, Virginia 22101

BRUFFEY, Vernon R.   VRB   OWEN@USC-ISI
Teledyne Geotech   (703) 836-3882 ext 205
Alexandria Laboratories   SDAC-TIP
Box 334
Alexandria, Virginia 22313

BRUNINGA, Jack   JB5   BRUNINGA@USC-ISIB
University of Southern   (213) 822-1511
California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
90291

BRYAN, Glenn L.   GB2   Network Address Not Known
Office of Naval Research   (202) 692-4501
Psychological Sciences Division   ONR1
Code 450
800 No. Quincy Street
Arlington, Virginia 22217

BRYAN, Nancy   NB2   NBRYAN@USC-ISIB
University of Southern   (213) 822-1511
California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
90291

BRYAN, Roland F.   RFB   BRYAN@USC-ISI
University of California   (805) 961-3933
Computer Systems Laboratory   UCSB-MOD75
Santa Barbara, California
93106

INDIVIDUALS

BRYANT, Edward J.　　　　　　EJB　BRYANT@OFFICE-1
US Army Ballistic Research　　(310) 278-2236
　Laboratories　　　　　　　　BRL
ATTN: AMXBR-X
Aberdeen Proving Ground,
　Maryland 21005

BRYSON, W. C.　　　　　　　WCB　BRYSON@BBN-TENEX
NAVCOSSACT Code 90
Building 196 WNY　　　　　　　BBN-TENEX
Washington, D.C. 20374

BUCCIERO, Thomas J.　　　　TJB2　BUCCIERO@OFFICE-1
Rome Air Development Center　(315) 330-4254
(IS)　　　　　　　　　　　　　RADC-TIP
Griffiss Air Force Base
New York 13441

BUCHANAN, Bruce G.　　　　　BGB　BUCHANAN@SUMEX-AIM
Stanford University　　　　　(415) 497-4878
Serra House　　　　　　　　　SUMEX-AIM
Department of Computer Science
Stanford, California 94305

BUDIANSKY, Michael P.　　　MPB2　BUDIANSKY@BBN-TENEXA
Bolt Beranek and Newman Inc.　(617) 491-1850 ext 634
50 Moulton Street　　　　　　BBN-TENEXA
Cambridge, Massachusetts 02138

BULLWINKLE, Candy　　　　　　CB2　CANDY@MIT-AI
Massachusetts Institute　　　(617) 253-5867
　of Technology　　　　　　　MIT-AI
Artificial Intelligence
　Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

BUNCH, Steve R.　　　　　　　SRB　Bunch.CAC@MIT-MULTICS
University of Illinois　　　　(217) 333-6544
Center for Advanced　　　　　ILL-CAC
　Computation
114 Advanced Computation Bldg.
Urbana, Illinois 61801

BUNGUM, Hilmar　　　　　　　HB4　NORSAR-TIP@OFFICE-1
NTNF/NORSAR　　　　　　　　　(02) 714570
P.O. Box 51　　　　　　　　　NORSAR-TIP
2007 Kjeller　　　　　　　　　NORSAR-40A
NORWAY　　　　　　　　　　　　NORSAR-40B

BURCHFIEL, Jerry D.　　　　　JDB　BURCHFIEL@BBN-TENEX
Bolt Beranek and Newman Inc.　(617) 491-1850 ext 298
50 Moulton Street　　　　　　BBN-TENEX
Cambridge, Massachusetts 02138

BURREN, John W.　　　　　　　JB2　UK@USC-ISI
Rutherford Laboratory　　　　Abingdon 1900 ext 459
Computing and Automation　　LONDON-TIP
　Division
Chilton, Didcot
Berkshire, ENGLAND

BURTON, Richard R.　　　　　RRB2　BURTON@BBN-TENEXB
Bolt Beranek and Newman Inc.　(617) 491-1850 ext 617
50 Moulton Street　　　　　　BBN-TENEXB
Cambridge, Massachusetts 02138

BUSH, William R.　　　　　　WRB　WRB@CCA-TENEX
Computer Corporation of America　(617) 491-3670
575 Technology Square　　　　CCA-TENEX
Cambridge, Massachusetts 02139

BUSSEY, Howard　　　　　　　HB5　Network Address Not Known
Computer Services
U.S. Dept. of Commerce/NOAA　DOCB-TIP
325 South Broadway
Boulder, Colorado 80302

BUTLER, Howell M.　　　　　HMB　Network Address Not Known
Albuquerque Seismological　　(505) 264-4637
　Laboratory　　　　　　　　ASL
U.S. Geological Survey
Kirtland Air Force Base East
Albuquerque, New Mexico 87115

BUTTERFIELD, Stephen C.　　SCB　BUTTERFIELD@BBN-TENEX
Bolt Beranek and Newman Inc.　(617) 491-1850 ext 622
50 Moulton Street　　　　　　BBN-NCC
Cambridge, Massachusetts 02138

CAFARELLI, Anna A.　　　　　AAC　WWMCCS@OFFICE-1
Rome Air Development Center　(315) 330-4256
Information Processing Branch　RADC-TIP
(ISI)
Griffiss AFB, NY 13441

CAIN, Gerald D.　　　　　　GDC2　UK@USC-ISI
Polytechnic of Central London　01-486-5811 ext 6307
Electrical and Electronic　　LONDON-TIP
　Engineering Dept.
115 New Cavendish Street
London W1M 8JS
ENGLAND

CALAVAS, Toni　　　　　　　TC4　Calavas@MIT-MULTICS
Information Processing　　　　(617) 253-7725
　Center Publications　　　　MIT-MULTICS
Massachusetts Institute
　of Technology
MIT 39-479
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

CALICCHIA, Richard　　　　　RC3　CALICCHIA@OFFICE-1
Rome Air Development Center　(315) 330-7011
(IS)　　　　　　　　　　　　　RADC-TIP
Griffiss Air Force Base
New York 13441

CALLEVA, Tony　　　　　　　TC　CALLEVA@BBN-TENEX
Bolt Beranek and Newman Inc.　(617) 491-1850 ext 358 to 484
50 Moulton Street　　　　　　BBN-TENEX
Cambridge, Massachusetts 02138

CALVIN, Jim O.　　　　　　JOC　CALVIN@BBN-TENEX
Bolt Beranek and Newman Inc.　(617) 491-1850 ext 615
50 Moulton Street　　　　　　BBN-TENEX
Cambridge, Massachusetts 02138

CAMPBELL, George R.　　　GRC2　AFGWC@BBN-TENEX
Air Force Global Weather　　(402) 294-4934 or 3990
　Central (MAC)/AD　　　　　GWC-TIP
Offutt Air Force Base
Nebraska 68113

CAMPBELL, Graham   GC   Cambell@MIT-MULTICS
Brookhaven National Laboratory   (516) 345-4168
Applied Mathematics Department   NYU
Upton, Long Island
New York 11973

CANILLAS, Wanda   WC   CANILLAS@USC-ISI
University of Southern   (213) 822-1511
California   USC-ISI
Information Sciences Institute   USC-ISIC
4676 Admiralty Way
Marina Del Rey, California
90291

CARD, Stuart K.   SKC   CARD@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4362
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

CARHART, Ray   RC   CARHART@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

CARLISLE, Jim   JC5   CARLISLE@USC-ISIB
University of Southern   (213) 822-1511
California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
90291

CARLSON, Warren   WC2   SAMSO@USC-ISI
Space and Missile Systems
Organization   ARPA-TIP
P.O. Box 92960
Worldway Postal Center
Los Angeles, California 90009

CARLSON, William E.   WEC   CARLSON@USC-ISI
Advanced Research Projects   (202) 694-5037
Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

CARLSTEDT, Jim   JC4   JIMC@USC-ISIB
University of Southern   (213) 822-1511
California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
90291

CARLSTROM, David L.   DLC2   CARLSTROM@USC-ISI
Advanced Research Projects   (202) 694-5037
Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

CARNESE, Dan   DC2   CARNESE@USC-ISI
University of California   (415) 642-1024
Computer Sciences Division   UCB
Berkeley, California 94720

CARRIER, Roberta J.   RJC   CARRIER@OFFICE-1
Rome Air Development Center   (315) 330-4254 or 7507
(ISI)   RADC-TIP
Griffiss Air Force Base
New York 13441

CARSON, John H.   JHC   Network Address Not Known
MITRE Corporation   (703) 893-3500 ext 2875
1820 Dolley Madison Blvd.   MITRE-TIP
Westgate Research Park
McLean, Virginia 22101

CASNER, Steve   SC3   CASNER@USC-ISIB
University of Southern   (213) 822-1511
California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
90291

CAUTHEN, Thomas L.   TLC   NSA@OFFICE-1
Director, National Security
Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Thomas Cauthen, R325

CAVALLI-SFORZA, Luigi Luca   LLC   CAVALLI-SFORZA@SUMEX-AIM
Stanford Medical Center   (415) 497-5804
Stanford Medical School   SUMEX-AIM
Genetics Dept.
Stanford, California   94305

CAVANO, Joe P.   JPC   CAVANO@OFFICE-1
Rome Air Development Center   (315) 330-3857
(ISIM)   RADC-TIP
Griffiss Air Force Base
New York 13441

CERF, Vinton G.   VGC   CERF@USC-ISI
Stanford University   (415) 497-1365
Digital Systems Laboratory   SU-DSL
Stanford, California 94305

CHALLMAN, Nancy   NC2   WEINER@RAND-RCC
The Rand Corporation   (213) 393-0411
Information Sciences   RAND-ISD
Department
1700 Main Street
Santa Monica, California 90406

CHAN, Arvola   AC   AC@MIT-DMS
Massachusetts Institute   (617) 253-1448
of Technology   MIT-DMS
Project MAC-Programming
Technology Division
545 Technology Square
Cambridge, Massachusetts 02139

CHAPMAN, R. M.   RMC   CHAPMAN@USC-ISI
Advanced Research Projects   (202) 694-2394
Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

INDIVIDUALS

CHAPPAS, Lynne   LVD   Network Address Not Known
Rand Computation Center   (213) 393-0411 ext 436
Rand Corporation   RAND-RCC
1700 Main Street
Santa Monica, California 90406

CHARNIAK, Eugene   EC3   EC@MIT-AI
Massachusetts Institute of   (617) 253-5868
Technology   MIT-AI
Artificial Intelligence
Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

CHATTERJEE, Bijoy   BC2   BIJOY@I4-TENEX
Institute for Advanced   (408) 735-0635
Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

CHAU, Sam   SC2   CHAU@RUTGERS-10
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey 08903

CHAUNCEY, Henry   HC2   Network Address Not Known
EDUCOM   (609) 921-7575
P.O. Box 364   EDUCOM
Princeton, New Jersey 08540

CHEATHAM, Thomas E.   TEC   CHEATHAM@HARV-10
Harvard University   (617) 495-3989
Aiken Computation Laboratory   HARV-10
33 Oxford Street
Cambridge, Massachusetts
02138

CHEN, David   DC4   DCHEN@RUTGERS-10
Rutgers University   (201) 932-3228
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
08903

CHEN, Judy   JC3   CHEN@RUTGERS-10
Rutgers University   (201) 932-3228
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
08903

CHERNIACK, Jerry R.   JRC   CHERNIACK@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 586
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

CHERNICK, Charles Michael   CMC   NAVMINI@OFFICE-1
Naval Ship Research and   (202) 227-1622
Development Center   NSRDC
Code 1832
Bethesda, Maryland 20034

CHESLEY, Harry R.   HRC   PURDUE@I4-TENEX
Purdue University   (317) 743-2806
Room 179   PURDUE
Electrical Engineering Building
West Lafayette, Indiana 47907

CHINNERY, Michael   MC   CHINNERY@USC-ISI
Massachusetts Institute of   (617) 253-7852
Technology   LL-ASG
Lincoln Laboratory
Applied Seismology Group
42 Carleton Street
Cambridge, Massachusetts 02142

CHIPMAN, Stephen G.   SGC   CHIPMAN@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 358 to 505
50 Moulton Street   BBN10X-TIP
Cambridge, Massachusetts 02138

CHOU, Wushow   WC4   NAC@USC-ISI
Network Analysis Corporation   (516) 671-9580
Beechwood, Old Tappan Road   NAC
Glen Cove, New York 11542

CHRISTENSEN, Jeannette   JC6   JEANNETTE@USC-ISIB
University of Southern   (213) 822-1511
California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
90291

CHRISTIANSEN, Henry N.   HNC   CHRISTIANSEN@UTAH-10
University of Utah   (801) 581-8224
Computer Science Department   UTAH-10
3160 Merrill Engineering
Building
Salt Lake City, Utah 84112

CIANFLONE, John   JCF   CIANFLONE@OFFICE-1
Hq., U.S. Army Materiel Command   (202) 274-9144
Attn: AMCMS-T   BRL
5001 Eisenhower Ave.
Alexandria, Virginia 22333

CIRLIN, Mark   MXC   CIRLIN@UCLA-CCN
University of California   (213) 825-7426
Campus Computing Network   UCLA-CCN
5628 Math Sciences Addition
Los Angeles, California 90024

CLAFFEY, James A.   JAC   NAVSEC@OFFICE-1
Naval Ship Engineering Center   (202) 436-1551
Code 6102-   NSRDC
Prince Georges Center
Hyattsville, Maryland 20782

CLANCEY, William   WC3   CLANCEY@SUMEX-AIM
Stanford University Medical   (415) 497-6977
Center   SUMEX-AIM
Division of Clinical
Pharmacology, TC117
Stanford, California 94305

CLARK, David D.   DDC2   Clark@MIT-MULTICS
Massachusetts Institute   (617) 253-6003
    of Technology   MIT-MULTICS
Project MAC-Computer Systems
    Research Division
Cambridge, Massachusetts 02139

CLARK, Harold E.   HEC   PETERSON@USC-ISI
Albuquerque Seismic Laboratory   (505) 264-4637
U.S. Geological Survey   ASL
Computer Room, Bldg. 10009
Kirtland Air Force Base East
Albuquerque, New Mexico 87115

CLARK, Jim H.   JHC2   J-CLARK@UTAH-10
University of Utah   (801) 581-8197
Computer Science Department   UTAH-10
3160 Merrill Engineering
    Building
Salt Lake City, Utah 84112

CLARK, Peter   PC   PCLARK@USC-ISI
Advanced Research Projects   (202) 694-3781
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

CLAYTON, Richard G.   RGC   NSA@OFFICE-1
Director, National Security   (202) 694-2612
    Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Richard Clayton, C12

CLEMENTS, D. H.   DHC2   DCLEMENTS@USC-ISI
Advanced Research Projects   (202) 694-1305
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

CLEMENTS, Robert C.   RCC   CLEMENTS@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 612
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

COCHARD, Douglas D.   DDC3   AFTAC-DXX@USC-ISI
Air Force Technical   ARPA-TIP
    Applications Center
Patrick Air Force Base
Florida 39025

COHEN, Dan   DC   COHEN@USC-ISIB
University of Southern   (213) 822-1511 ext 105
    California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
    90291

COHEN, Irving   IC   IRVCOHEN@USC-ISI
University of California   (213) 825-2692
Computer Science Dept.   UCLA-ATS
School of Engineering and
    Applied Science
Los Angeles, California 90024

COHEN, Marty J.   MJC   MJCOHEN@USC-ISIB
University of Southern   (213) 822-1511
    California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
    90291

COHEN, Stanley   SC   Network Address Not Known
Argonne National Laboratory   (312) 739-7711 ext 2857
Applied Mathematics Division,   or 2862
    Bldg. 221   ANL
9700 South Cass Avenue
Argonne, Illinois 60439

COLE, Ann M.   AMC2   Network Address Not Known
Institute for the Future   (415) 854-6322
2740 Sand Hill Road   FUTURE
Menlo Park, California 94025

COLE, Jonathon G.   JGC   COLE@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 384
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

COLEMAN, Theresa A.   TAC   COLEMAN@OFFICE-1
Advanced Research Projects   (202) 694-2612
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

COLES, L. Stephen   LSC   COLES@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4601
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

COLEY, Anita L.   ALC   COLEY@USC-ISI
University of California   (213) 825-4797
3732 Boelter Hall   UCLA-ATS
Los Angeles, California 90024

COLLARD, Harold   HC3   Network Address Not Known
NASA Ames Research Center
Space Sciences   AMES-67
Bldg. 245-11
Moffett Field, California
    94035

CONN, Robert L.   RLC   NSA@OFFICE-1
Director, National Security
    Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Robert Conn, R13

CONRAD, William R.   WRC2   CONRAD@HARV-10
Harvard University   (617) 495-4147
Aiken Computation Laboratory   HARV-10
33 Oxford Street
Cambridge, Massachusetts
    02138

COOK, Craig C.   CCC   COOK@BBN-TENEXD
Bolt Beranek and Newman, Inc.   (617) 491-1850
50 Moulton Street   BBN-TENEXD
Cambridge, Massachusetts 02138

INDIVIDUALS

COOK, Randall G.   RGC2   COOK@OFFICE-1
Advanced Research Projects   (202) 694-1829
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

COOK, Tom J.   TJC   COOK@UTAH-10
University of Utah   (801) 581-7038
Computer Science Department   UTAH-10
3160 Merrill Engineering
   Building
Salt Lake City, Utah 84112

COOPER, Christopher S.   CSC   UK@USC-ISI
University of Durham   Durham 64971 ext 591
Science Laboratories   LONDON-TIP
Department of Theoretical Physics
South Road
Durham City DH1 3LE
ENGLAND

COOPER, Donna R.   DRC2   COOPER@RAND-RCC
The Rand Corporation   (213) 393-0411 ext 7965
1700 Main Street   RAND-RCC
Santa Monica, California 90406

COOPER, Frank S.   FSC   HASKINS@BBN-TENEX
Haskins Laboratories   (203) 865-6163
270 Crown Street   HASKINS
New Haven, Connecticut 06510

COOPER, Robert J. (Pete)   RJC2   PETE@SDC-LAB
System Development Corporation   (213) 829-7511 ext 588
2500 Colorado Avenue   SDC-LAB
Santa Monica, California 90406

CORBATO, Fernando J.   FJC   Corbato@MIT-MULTICS
Massachusetts Institute of   (617) 253-6001
   Technology   MIT-MULTICS
Project MAC
Computer Systems Research
   Division
545 Technology Square
Cambridge, Massachusetts 02139

CORNISH, Jan A.   JAC3   CORNISH@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 ext 2425
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

COSELL, Bernie P.   BPC   COSELL@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 503
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

COTTON, Ira W.   IWC   COTTON@BBN-TENEX
National Bureau of Standards   (301) 921-2601
Building 225, Room B216   NBS-ICST
Washington, DC 20234

COUGHRAN, Ed   EC   COUGHRAN@USC-ISI
University of California at San   (714) 453-2000 ext 1681
   Diego   UCSD-CC
UCSD Computer Center
Box 109
La Jolla, California 92037

COULORIS, George F.   GFC   UK@USC-ISI
Queen Mary College   01-980-4811
Dept. of Computer   LONDON
   Science and Statistics
Mile End Road
London E1
ENGLAND

COX, Pat   PC2   COX@I4-TENEX
Institute for Advanced   (408) 735-0635
   Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

COX, William D.   COX   HASSING@OFFICE-1
Director, National Security   (301) 688-6692
   Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: William Cox, C44

CRABB, William T.   WTC   AFDAA-XO@OFFICE-1
Air Force Data Automation   (205) 279-4940
   Agency/XO   GUNTER
Gunter AFS, Alabama 36114

CRABTREE, Johnny L.   JLC   DSDC-SC@OFFICE-1
Air Force Data Systems Design   (205) 279-4021
   Center/SCCA   GUNTER
Gunter AFS
Alabama 36114

CRACRAFT, Thomas   TC3   CRAY@I4-TENEX
Institute for Advanced   (408) 735-0635
   Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

CRAIG, David T.   DTC   DIMAGGIO@OFFICE-1
Rome Air Development Center   (315) 330-3046
Technical Management Branch   RADC-TIP
   (DOT)
Griffiss Air Force Base
New York 13441

CRAIGHILL, Earl   EC4   CRAIGHILL@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4752
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

CRAIN, Lawrence A.   LAC   CRAIN@OFFICE-1
Air Force Data Systems Design   (205) 279-4224
   Center   GUNTER
Simulation and Analysis Branch
Gunter AFS, Alabama 36114

CRANE, Ronald C.   RCC2   SU-DSL@USC-ISI
Stanford University   (415) 497-1089
Digital Systems Laboratory   SU-DSL
Stanford, California 94305

CROCKER, David H.   DHC   DCROCKER@USC-ISI
University of California   (213) 825-2368
3804-E Boelter Hall   UCLA-ATS
Los Angeles, California 90024

CROCKER, Steven D.   SDC2 CROCKER@USC-ISIB
University of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
  90291

CROFT, Joann A.   JAC2 CROFT@OFFICE-1
AFDSC/XMK   (202) 695-9147
Room 1D160   GUNTER
Pentagon, Washington D.C.
  20330

CROW, Neil   NC   Network Address Not Known
Lawrence Livermore Lab   (415) 447-1100 ext 8401
P.O. Box 808, L-307   LLL-RISOS
Livermore, California 94550

CROWE, Thomas   TC2   UK@USC-ISI
Thames Polytechnic   01-854-2030
Systems Analysis Division   LONDON-TIP
Wellington Street
Woolwich
London SE18 6PF
ENGLAND

CROWTHER, William R.   WRC   CROWTHER@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 459
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

CULLER, Glen J.   GJC   CHI@USC-ISI
Culler-Harrison, Inc.   (805) 968-1064
150-A Aero Camino   CHII
Goleta, California 93017

CULPEPPER, Linwood M.   LMC   NSRDC@OFFICE-1
Naval Ship Research and   (202) 227-1887
  Development Center   NSRDC
Code 1835
Bethesda, Maryland 20084

CUMMINGS, Ben E.   BEC   CUMMINGS@OFFICE-1
Ballistic Research Laboratories   (301) 278-4149
Aberdeen Proving Ground   BRL
Maryland 21005

CURRIER, Ron   RC5   CURRIER@USC-ISIB
University of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
  90291

CUTHILL, Elizabeth H.   EHC   MATHSCI@OFFICE-1
Naval Ship Research and   (202) 227-1645
  Development Center   NSRDC
Department of the Navy
Code 1805
Bethesda, Maryland 20034

DAFFRON, Betty   BD2   DSDC-PR@OFFICE-1
Air Force Data Systems Design   (205) 279-4193
  Center (BLD 205)   GUNTER
Directorate of Programs and
  Resources
Gunter AFS, Alabama 36114

DALAL, Yogen K.   YKD   SU-DSL@USC-ISI
Stanford University   (415) 497-1454
Digital Systems Laboratory   SU-DSL
Stanford, California 94305

DALEY, James   JD3   DALEY@I4-TENEX
Institute for Advanced   (408) 735-0635
  Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

DALEY, Robert C.   RCD   Daley@MIT-MULTICS
Massachusetts Institute   (617) 253-7984
  of Technology   MIT-MULTICS
MIT-PDO 39-451
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

DANIELSON, William R.   BRD   Network Address Not Known
University of California   (805) 961-3221
Computation Center   UCSB-MOD75
Santa Barbara, California
  93106

DANTHINE, Andre A.S.   AD   Network Address Not Known
Universite de Liege   04/52.93.53
Avenue des Tilleuls 49   UDL
B-4000 Liege, BELGIUM

DAVIDSON, John M.   JD   DAVIDSON@I4-TENEX
University of Hawaii   (808) 948-7490
HAWAII-500 System   HAWAII-500
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

DAVIES, Donald W.   DWD   UK@USC-ISI
National Physical Laboratory   01-977-3222 ext 3035
Computer Science Division   NPL
Teddington, Middlesex
ENGLAND

DAVIS, Glenn   GD   DAVIS@UCSB-MOD75
University of California at   (805) 961-2462
  Santa Barbara   UCSB-MOD75
Computer Center
Santa Barbara, California
  93106

DAVIS, K. Randy   KRD   DAVIS@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

DAVIS, Ruth M.   RMD2 Network Address Not Known
National Bureau of Standards   (301) 921-3151
Institute for Computer   NBS-ICST
  Sciences and Technology
Washington, D.C. 20234

19

DAY, John D.
University of Illinois
Center for Advanced
    Computation
114 Advanced Computation Bldg.
Urbana, Illinois 61801

DAY   Day@MIT-MULTICS
(217) 333-6544
ILL-CAC

DEAN, William C.
Teledyne Geotech
Alexandria Laboratories
Box 334
Alexandria, Virginia 22313

WCD   OWEN@USC-ISI
(703) 836-3882 ext 202
SDAC-TIP

DECHATELETS, Dan
U. S. Dept of Commerce NOAA
325 South Broadway
Boulder, Colorado 80302

DD   Network Address Not Known
(303) 499-1000 ext 4171
DOCB-TIP

DECHTER, Nancy
University of Southern
    California
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
    90291

ND2   DECHTER@USC-ISIB
(213) 822-1511
USC-ISIB

DECONDE, Agatha C.
Rome Air Development Center
(IS)
Griffiss Air Force Base
New York 13441

ACD   DECONDE@OFFICE-1
(315) 330-7688
RADC-TIP

DEEX, A. J.
Advanced Research Projects
    Agency
1400 Wilson Boulevard
Arlington, Virginia 22209

AJD   STO@USC-ISI
(202) 694-3686
ARPA-TIP

DEFIORI, Casper R.
Defense Communications
    Engineering Center
Code R810
1860 Wiehle Avenue
Reston, Virginia 22090

CRD   LYONS@USC-ISI
(703) 437-2311
DCEC

DEIGNAN, Frank
University College London
Department of Statistics and
    Computer Science
43 Gordon Square
London WC1H OPD
ENGLAND

FD3   KIRSTEIN@USC-ISI
01-387-3421 (UK)
LONDON-TIP

DEIROSSI, Jim A.
National Bureau of Standards
Institute for Computer
    Sciences and Technology
Washington, D.C. 20234

JAD   Network Address Not Known
(301) 921-2601
NBS-ICST

DELDO, Louis J.
Range Measurements Laboratory
Attn: ENLD
Patrick AFB, Florida 32925

LJD   DELDO@USC-ISI
(305) 494-2681
RML-TIP

DEMKO, Jr., Paul
Massachusetts Institute of
    Technology
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

PD   LINCOLN@BBN-TENEX
(617) 862-5500 ext 5808
LL-11

DENICOFF, Marvin
Office of Naval Research
Information Systems Program
Arlington, Virginia 22217

MD3   DENICOFF@USC-ISI
(202) 692-4302
NBS-TIP

DERTOUZOS, Mike
Massachusetts Institute of
    Technology
Project MAC
Computer Systems Research
    Division
545 Technology Square
Cambridge, Massachusetts 02139

MD2   Network Address Not Known
(617) 253-5904
MIT-MULTICS

DERVAGE, Michael M.
University of Utah
Computer Science Department
3160 Merrill Engineering
    Building
Salt Lake City, Utah 84112

MMD   DERVAGE@UTAH-10
(801) 581-8224
UTAH-10

DETTWILER, W.
MacDonald Dettwiler &
    Associates
109 - 2182 West 12th Avenue
Vancouver, B. C.   V6K 2N4
CANADA

WD   Network Address Not Known
UBC

DEUTSCH, Barbara
Stanford Research Institute
Artificial Intelligence Center
333 Ravenswood Avenue
Menlo Park, California 94025

BD3   DEUTSCH@SRI-AI
(415) 326-6200 ext 4839
SRI-AI

DEUTSCH, L. Peter
Xerox Palo Alto Research Center
3333 Coyote Hill Road
Palo Alto, California 94304

LPD   DEUTSCH@PARC-MAXC
(415) 494-4439
PARC-MAXC

DEVINE, Terence E.
Rutgers University
Department of Computer Science
Hill Center/Busch Campus
New Brunswick, New Jersey
    08903

TED   RUTGERS@BBN-TENEX
(201) 932-2001
RUTGERS-TIP

DEYO, Ron
Bolt Beranek and Newman Inc.
50 Moulton Street
Cambridge, Massachusetts 02138

RD2   DEYO@BBN-TENEX
(617) 491-1850 ext 383
BBN-TENEX

DICK-LAUDER, Peter R.
Computer Aided Design Centre
Madingley Road
Cambridge CB3 OHB
ENGLAND

PRD   UK@USC-ISI
0223-63125
LONDON-TIP

DICKEY, Emy
Computer Corporation of America
575 Technology Square
Cambridge, Massachusetts 02139

ED2   EMY@CCA-TENEX
(617) 491-3670
CCA-TENEX

DILLER, Timothy C.   TCD   TIM@SDC-LAB
System Development Corporation   (213) 829-7511 ext 6032
2500 Colorado Avenue   SDC-LAB
Santa Monica, California 90406

DILWORTH, John L.   JLD   Network Address Not Known
Lawrence Berkeley Laboratory   (415) 843-2740 ext 6270
Bldg. 50A, Rm. 1140C   LBL
Berkeley, California 94720

DIMAGGIO, Fred N.   FND   DIMAGGIO@OFFICE-1
Rome Air Development Center   (315) 330-3046
Technical Management Branch   RADC-TIP
(DOT)
Griffiss Air Force Base
New York 13441

DINES, Thomas R.   TRD   DINES@AMES-67
NASA Ames Research Center   (415) 965-5258
Computation Division   AMES-TIP
Mail Stop 233-9
Moffett Field, California
   94035

DISKIN, Bill   BD   DISKIN@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 345
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

DIVELY, Reddy   RED   MILLER@OFFICE-1
Stanford Research Institute   (415) 326-6200 ext 2649
333 Ravenswood Avenue   SRI
Menlo Park, California 94025

DIXON, Gary C.   GCD   GDixon@MIT-MULTICS
Massachusetts Institute of   (617) 253-3224
Technology   MIT-MULTICS
MIT-PDO 39-584
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

DIXON, Louis F.   LFD   Network Address Not Known
Director, ADP Support Division   (717) 245-4304
US Army War College   USAWARC
Carlisle Barracks
Pennsylvania 17013

DOANE, Robert E.   RED2   STONE@OFFICE-1
Rome Air Development Center   (315) 330-7628
(ISFF)   RADC-TIP
Griffiss Air Force Base
New York 13441

DODDS, Douglas W., Jr.   DWD2   DODDS@BBN-TENEXA
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 376
50 Moulton Street   BBN-TENEXA
Cambridge, Massachusetts 02138

DOERFEL, Harold   HD2   MATHSCI@OFFICE-1
Naval Air Development Center   (215) 672-9000 ext 2424
Code 8501   NSRDC
Warminster, Pennsylvania 18974

DONCHIN, Emmanuel   ED   Network Address Not Known
University of Illinois   (217) 333-3384
Department of Psychology   ARPA-TIP
Champaign-Urbana, Illinois

DONNELLEY, James E. (JED)   JED   JED@BBN-TENEX
Lawrence Livermore Lab   (415) 447-1100 ext 3406
P.O. Box 808, L-307   LLL-RISOS
Livermore, California 94550

DORN, Joseph   JD4   NYU@SRI-AI
New York University   (212) 460-7214
251 Mercer Street   NYU
New York, New York 10012

DOWOUNA, Narku   ND   DOWOUNA@RUTGERS-10
Rutgers University   (201) 932-2116
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

DOWSON, Mark   MD   UK@USC-ISI
National Physical Laboratory   01-977-3222 ext 4006
Computer Science Division   NPL
Teddington, Middlesex
ENGLAND

DRAPER, Melville J.   MJD   DRAPER@OFFICE-1
Air Force Audit Agency   (714) 382-2814
AFAA/DOY   RADC-TIP
Norton Air Force Base
San Bernadino, California
   92409

DRISCOLL, B. J.   BJD   UK@USC-ISI
Electrical Research   Leatherhead 74151
   Association   LONDON-TIP
Industrial Communication
   Laboratory
Cleeve Road
Leatherhead KT22 7SA
Surrey, ENGLAND

DROMEY, Geoffrey   GD2   DROMEY@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

DU BOIS, Richard H.   RHD   DUBOIS@USC-ISI
ARPA Regional Office Pacific
   Staff CINCPAC   ARPA-TIP
Box 13 (AROP)
FPO San Francisco 96610

DUDA, Richard O.   ROD   DUDA@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 3021
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

DUDGEON, Dan E.   DED   DUDGEON@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 641
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

DUFFIELD, Howard C.   HD   ISELI@USC-ISI
MITRE Corporation   (703) 790-6392
1820 Dolley Madison Blvd.   MITRE-TIP
Westgate Research Park
McLean, Virginia 22101

DUNCAN, Alec R.   ARD   KIRSTEINQUSC-ISI
    University College London   01-387-3421 (UK)
    Department of Statistics and   LONDON-TIP
        Computer Science
    43 Gordon Square
    London WC1H OPD
    ENGLAND

DUNCAN, Mark P.   MPD   RFFMPQAMES-67
    NASA Ames Research Center   (415) 965-5323
    Mail Stop 210-8   AMES-67
    Moffett Field, California
        94035

DURHAM, Larry Edward   LED   DURHAMQI4-TENEX
    Institute for Advanced   (415) 965-6340
        Computation   AMES-TIP
    1095 E. Duane
    Sunnyvale, California 94086

EAGLE, James   JE   KEENANQUSC-ISI
    MITRE Corporation   (703) 790-6515
    1820 Dolley Madison Blvd.   MITRE-TIP
    Westgate Research Park
    McLean, Virginia 22101

EARNEST, Lester D.   LES   LESQSU-AI
    Stanford University   (415) 497-4202
    Artificial Intelligence   SU-AI
        Laboratory
    Computer Science Department
    Stanford, California 94305

EASTLAKE, Donald E.   DEE   DEEQCCA-TENEX
    Computer Corporation of America   (617) 491-3670
    575 Technology Square   CCA-TENEX
    Cambridge, Massachusetts 02139   CCA-SIP CCA-TIP

EASTON, William B.   WBE   EASTONQBBN-TENEX
    Rutgers University   (201) 932-2005
    Department of Computer Science   RUTGERS-TIP
    Hill Center/Busch Campus
    New Brunswick, New Jersey
        08903

EBIHARA, Yoshihiko   YE   Network Address Not Known
    Tohoku University
    Information Sciences   HAWAII-ALOHA
    Katahira Cho 2-1-1
    Sendai City, JAPAN

ECKL, John C.   JCE NACQUSC-ISI
    Network Analysis Corporation   (516) 671-9580
    Beechwood, Old Tappan Road   NAC
    Glen Cove, New York 11542

EDWARDS, Dan   DE   Network Address Not Known
    National Security Agency   (301) 677-6261
    Fort George G. Meade   NSA
    Maryland 20755

EDWARDS, Fred I.   FIE EDWARDSQUSC-ISI
    Advanced Research Projects   (202) 694-1626
        Agency   ARPA-TIP
    1400 Wilson Boulevard
    Arlington, Virginia 22209

EHARDT, Joseph L.   JLE EHARDTQBBN-TENEXB
    Stanford Research Institute   (415) 326-6200 ext 2125
    Augmentation Research Center   SRI-ARC
    333 Ravenswood Avenue
    Menlo Park, California 94025

EINBINDER, J. A.   JAE ARPA-PMQUSC-ISI
    Advanced Research Projects   (202) 694-3506
        Agency   ARPA-TIP
    1400 Wilson Boulevard
    Arlington, Virginia 22209

ELIAS, Peter   PE   Network Address Not Known
    Massachusetts Institute of   (617) 253-4193
        Technology   MIT-AI
    Artificial Intelligence
        Laboratory
    545 Technology Square
    Cambridge, Massachusetts 02139

ELIEZER, David F.   DFE MATHSCIQOFFICE-1
    Naval Surface Weapons Center   (703) 663-8430
    Dahlgren Laboratory   NSRDC
    Code KXE
    Dahlgren, Virginia 22884

ELKIND, Jerome I.   JIE ELKINDQPARC-MAXC
    Xerox Palo Alto Research Center   (415) 494-4400
    3333 Coyote Hill Road   PARC-MAXC
    Palo Alto, California 94304

ELLENBY, John   JE2 ELLENBYQPARC-MAXC
    Xerox Palo Alto Research Center   (415) 494-4458
    3333 Coyote Hill Road   PARC-MAXC
    Palo Alto, California 94304

ELLIS, Tom   TE   ELLISQUSC-ISIB
    University of Southern   (213) 822-1511
        California   USC-ISIB
    Information Sciences Institute
    Suite 1100
    4676 Admiralty Way
    Marina Del Rey, California
        90291

ELLISON, Carl M.   CME Network Address Not Known
    Evans and Sutherland   (415) 941-4540
        Computer Corporation   I4-TENEX
    895 Sherwood Avenue
    Los Altos, California

ELOVITZ, Honey Sue   HSE NAVMINIQOFFICE-1
    Naval Research Laboratory   (202) 767-2953 or AV
    Code 5403D   297-2953
    Washington, D.C. 20375   NSRDC

ELSAM, Eric S.   ESE ELSAMQBBN-TENEX
    Bolt Beranek and Newman Inc.   (703) 524-4870
    1701 No. Fort Meyer Drive   BBN-NCC
    Arlington, Virginia 22209

ENGELBART, Douglas C.   DCE ENGELBARTQOFFICE-1
    Stanford Research Institute   (415) 326-6200 ext 2220
    Augmentation Research Center   SRI-ARC
    333 Ravenswood Avenue
    Menlo Park, California 94025

ENGELMORE, Robert   RE   ENGELMORE@SUMEX-AIM
  Stanford University   (415) 497-4878
  Protein Structure Modeling   SUMEX-AIM
  Serra House
  Department of Computer Science
  Stanford, California 94305

ENGLISH, William K.   WKE ENGLISH@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4340
  3333 Coyote Hill Road
  Palo Alto, California 94304

ERMAN, Lee D.   LDE2 ERMAN@CMU-10B
  Carnegie-Mellon University   (412) 621-2600 ext 146
  Computer Science Department   CMU-10B
  Schenley Park
  Pittsburgh, Pennsylvania 15213

ERNST, Herbert M.   HME MATHSCI@OFFICE-1
  Naval Ship Research and   (202) 227-1414
     Development Center   NSRDC
  Code 1805
  Bethesda, Maryland 20034

ERWIN, Barbara B.   BBE ERWIN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 407
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

ESTRADA, Richard F.   RFE ESTRADA@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 659
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

ESTRIN, Gerald   GE   ESTRIN@USC-ISI
  University of California   (213) 825-2786
  Computer Sciences Department   UCLA-ATS
  School of Engineering and
     Applied Science
  Los Angeles, California 90024

ESTRIN, Judith L.   JLE2 SU-DSL@USC-ISI
  Stanford University   (415) 497-1457
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

EVANS Jr., Arthur   AE   EVANS@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

EVANS, David C.   DCE2 EVANS@UTAH-10
  University of Utah   (801) 581-8224
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
     Building
  Salt Lake City, Utah 84112

EVANS, Jerald R.   JRE J-EVANS@UTAH-10
  University of Utah   (801) 581-8378
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
     Building
  Salt Lake City, Utah 84112

EVANS, Larry J.   LJE L-EVANS@UTAH-10
  University of Utah   (801) 581-7888
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
     Building
  Salt Lake City, Utah 84112

FABENS, William   WF   FABENS@RUTGERS-10
  Rutgers University   (201) 932-2003
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
     08903

FAEH, Edward D.   EDF FAEH@UCSB-MOD75
  University of California   (805) 961-4047
  Computer Center   UCSB-MOD75
  Santa Barbara, California
     93106

FAGAN, Larry   LF   FAGAN@USC-ISIB
  University of Southern   (213) 822-1511 ext 164
     California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
     90291

FALCONER, David G.   DGF FALCONER@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2659
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

FALK, Gil   GF   FALK@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 506
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

FALL, Leonard B.   LBF Network Address Not Known
  Aeronautical Systems Division   (513) 255-6247
  Computer Center   WPAFB-TIP
  Bldg. 676, Area B
  Wright-Patterson AFB
  Ohio 45433

FANEUF, Ross A.   RAF2 COMPASS@BBN-TENEX
  Massachusetts Computer   (617) 245-9540
     Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

FARBER, David J.   DJF FARBER@USC-ISI
  University of California   (714) 833-6890
  Irvine, California 92664   UCI

FARMWALD, Paul Michael   PMF PMF@SU-AI
  Stanford University   (415) 497-1407
  Artificial Intelligence   SU-AI
     Laboratory
  Computer Science Department
  Stanford, California 94305

FARR, Marshall   MF   Network Address Not Known
Office of Naval Research   (202) 692-4504
    (Code 458)   ONR1
Director
Personnel and Training
    Research Programs
Arlington, Virginia 22217

FARRELL, Gerald P.   JF7   JF@CCA-TENEX
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

FATEMAN, Richard J.   RJF   RJF@MIT-ML
University of California   (415) 642-1879
Dept. of Electrical   UCB
    Engineering and Computer
    Sciences
Computer Science Division
Berkeley, California 94705

FAVOR, Elizabeth J.   BJF   FAVOR@USC-ISI
Advanced Research Projects   (202) 694-3506
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

FEDERHEN, Herbert M.   HMF   FEDERHEN@OFFICE-1
Advanced Research Projects   (202) 694-2612
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

FEDERMAN, Nancy C.   NCF   Federman@MIT-MULTICS
Massachusetts Institute of   (617) 253-6010
    Technology   MIT-MULTICS
Project MAC
Computer Systems Research
    Division
545 Technology Square
Cambridge, Massachusetts 02139

FEIGENBAUM, Edward A.   EAF   FEIGENBAUM@USC-ISI
Stanford University   (415) 497-1442
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

FEINLER, Elizabeth J.   JAKE   FEINLER@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 ext 3695
Network Information Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

FELDMAN, Jerome A.   JAF2   JAF@SU-AI
University of Rochester   (716) 275-5671
Computer Science Department   ROCHESTER
Rochester, New York 14627

FELL, Chris   CF2   KIRSTEIN@USC-ISI
Computer Aided Design Center   Cambridge 63125
Madingley Road   LONDON-VDH
Cambridge, ENGLAND

FEMIA, Joe F.   JFF   FEMIA@OFFICE-1
Rome Air Development Center   (315) 330-7011
    (ISIM)   RADC-TIP
Griffiss Air Force Base
New York 13441

FERGUSON, Michael J.   MJF   FERGUSON@USC-ISI
University of Hawaii   (808) 948-7066
The ALOHA System   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

FERRETTI, Ercolino   EF2   FERRETTI@UTAH-10
University of Utah   (801) 581-8224
Computer Science Department   UTAH-10
3160 Merrill Engineering
    Building
Salt Lake City, Utah 84112

FIALA, Edward R.   ERF   FIALA@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4420
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

FIELDS, Craig   CF   FIELDS@USC-ISI
Advanced Research Projects   (202) 694-5922
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

FIKES, Richard E.   REF   FIKES@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4620
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

FILMAN, Robert E.   REF2   REF@SU-AI
Stanford University   (415) 497-1920
Artificial Intelligence   SU-AI
    Laboratory
Computer Science Department
Stanford, California 94305

FINDLAY, Roland   RF   FINDLAY@I4-TENEX
Institute for Advanced   (408) 735-0635
    Computation   I4-ELF
1095 E. Duane Court
Sunnyvale, California 94086

FINK, Robert L.   RLF   Fink@MIT-MULTICS
Lawrence Berkeley Laboratory   (415) 843-2740 ext 5692
Bldg. 50A, Rm. 1143A   LBL
Berkeley, California 94720

FISCHER, Hank   HF2   Network Address Not Known
University of California at San   (714) 453-2000 ext 1681
    Diego   or 435-3470
Computer Center   UCSD-CC
Box 109
La Jolla, California 92037

FISCHER, Len   LF2   Network Address Not Known
Lawrence Berkeley Laboratory   (415) 447-1100 ext 8401
Building 50A, Room 1143   LLL-RISOS
Berkeley, California 94720

FITZGERALD, James J.   JJF   FITZ@LL
  Massachusetts Institute   (617) 862-5500 ext 7171
    of Technology   LL
  Lincoln Laboratory
  Computer Systems Group
  244 Wood Street
  Lexington, Massachusetts 02173

FITZSIMMONS, Jerry   JF2   BOWLES@USC-ISI
  University of California at San   (714) 453-2000 ext 1672
    Diego   UCSD-CC
  UCSD Computer Center
  Box 109
  La Jolla, California 92037

FLATTERY, Thomas A.   TAF   AFGWC@BBN-TENEX
  Air Force Global Weather   (402) 294-3477
    Central (MAC)/SA   GWC-TIP
  Offutt Air Force Base
  Nebraska 68113

FLEMING, Robert A.   RAF   NAVAPS@OFFICE-1
  Naval Electronics Lab. Center   (714) 225-7372
  San Diego, California 92152   NSRDC

FLINN, Edward A. (Ted)   TF   SDAC@USC-ISI
  Teledyne Geotech   (703) 836-3882 ext 235
  Alexandria Laboratories   SDAC-TIP
  Box 334
  Alexandria, Virginia 22814

FOLEY, Patrick W.   PWF2   DSDC-SC@OFFICE-1
  Air Force Data Systems Design   (205) 279-4890
    Center (BLD 857)   GUNTER
  Directorate of Systems Control
  Gunter AFS, Alabama 36114

FOLK, Hugh   HF3   Network Address Not Known
  University of Illinois   (217) 333-0925
  Center for Advanced   ILL-CAC
    Computation
  347 Advanced Computation Bldg.
  Urbana, Illinois 61801

FORGIE, Carma D.   CDF2   LINCOLN@BBN-TENEX
  Massachusetts Institute   (617) 862-5500 ext 7494
    of Technology   LL
  Lincoln Laboratory
  P. O. Box 73
  Lexington, Massachusetts 02173

FORGIE, James W.   JWF   FORGIE@BBN-TENEXD
  Massachusetts Institute   (617) 862-5500 ext 7191
    of Technology   LL-11
  Lincoln Laboratory
  P. O. Box 73
  Lexington, Massachusetts 02173

FORMAN, Ernest H.   EHF   FORMAN@USC-ISI
  MITRE Corporation   (703) 790-6524
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

FORSDICK, Harry C.   HCF2   Forsdick@MIT-MULTICS
  Massachusetts Institute   (617) 253-6011
    of Technology   MIT-MULTICS
  Project MAC
  Computer Systems Research Division
  545 Technology Square
  Cambridge, Massachusetts 02139

FORTMANN, Thomas E.   TEF   FORTMANN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 521
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

FRANCESCHINI, Ed   EF5   Franceschini@MIT-MULTICS
  New York University   (212) 460-7291
  Courant Institute of   NYU
    Mathematical Sciences
  251 Mercer Street
  New York, New York 10012

FRANK, Howard   HF   NAC@USC-ISI
  Network Analysis Corporation   (516) 671-9580
  Beechwood, Old Tappan Road   NAC
  Glen Cove, New York 11542

FRANKOVICH, John M.   JMF   Network Address Not Known
  Massachusetts Institute of   (617) 862-5500 ext 7352
    Technology   LL
  Lincoln Laboratory
  Computer Systems Group
  244 Wood Street
  Lexington, Massachusetts 02173

FRANKSTON, Robert M.   RMF2   RMF@MIT-ML
  Massachusetts Institute   (617) 253-7837
    of Technology   MIT-ML
  Project MAC NE43-422
  545 Technology Square
  Cambridge, Massachusetts 02139

FRATANTUONO, Mary A.   MAF   NAVSEC@OFFICE-1
  Naval Ship Engineering Center   (202) 436-1551
  Code 6102-C   NSRDC
  Prince Georges Center
  Hyattsville, Maryland 20782

FREDKIN, Edward   EF   Fredkin.MAC@MIT-MULTICS
  Massachusetts Institute of   (617) 253-5904
    Technology   MIT-DMS
  Project MAC
  545 Technology Square
  Cambridge, Massachusetts 02139

FREDRICKSON, Rod M.   RMF   FREDRICKSON@RAND-RCC
  The Rand Corporation   (213) 393-0411 ext 7567
  1700 Main Street   RAND-RCC
  Santa Monica, California 90406

FREEMAN, Jack   JF3   FREEMAN@I4-TENEX
  University of Hawaii   (808) 948-7490
  HAWAII-500 System   HAWAII-500
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

INDIVIDUALS

FREEMAN, William A.   WAF   F@MIT-AI
Massachusetts Institute of   (617) 253-6765
   Technologyy   MIT-AI
Artificial Intelligence
   Laborator
545 Technology Square
Cambridge, Massachusetts 02139

FRIEDMAN, Joyce   JF6   FRIEDMAN@SRI-AI
Stanford Research Institute   (415) 326-6200
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

FRIESMA, William F   WFF   AFGWC@BBN-TENEX
Air Force Global Weather   (402) 294-3477
   Central (MAC)/SA   GWC-TIP
Offutt Air Force Base,
   Nebraska 68113

FRISCH, Ivan T.   ITF   NAC@USC-ISI
Network Analysis Corporation   (516) 671-9580
Beechwood, Old Tappan Road   NAC
Glen Cove, New York 11542

FROST, Martin E.   MEF   ME@SU-AI
Stanford University   (415) 497-1920
Artificial Intelligence   SU-AI
   Laboratory
Computer Science Department
Stanford, California 94305

FULLER, Samuel H.   SHF   FULLER@CMU-10A
Carnegie-Mellon University   (412) 621-2600 ext 147
Computer Science Department   CMU-10A
Schenley Park
Pittsburgh, Pennsylvania 15213

FUROR, William   FUROR@BBN-TENEX
Range Measurement Laboratory
Attn: ENLD   RML-TIP
Patrick AFB, Florida 32925

FYFE, John S.   JSF2   OWEN@USC-ISI
Seismic Data Analysis Center   (703) 836-3882 ext 296
Alexandria Laboratories   SDAC-TIP
Teledyne Geotech
Box 334
Alexandria, Virginia 22313

GAHRAN, Chris W.   CWG   GAHRAN@BBN-TENEXA
127 Beacon Street   (617) 491-6169
Boston, Massachusetts 02116   BBN-TENEXA

GAINES, B. R.   UK@USC-ISI
University of Essex   Colchester 44144
Department of Electrical   LONDON
   Engineering Science
Colchester, Essex
ENGLAND

GALKOWSKI, Jan   JG4   JAN@MIT-AI
Massachusetts Institute   (617) 253-2081
   of Technology   MIT-AI
Artificial Intellgence
   Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

GALLENSON, Lou   LG2   GALLENSON@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

GALLEY, Stuart W.   SWG   SWG@MIT-DMS
Massachusetts Institute   (617) 253-1418
   of Technology   MIT-DMS
Project MAC-Programming
   Technology Division
545 Technology Square
Cambridge, Massachusetts 02139

GALLOWAY, William L.   WLG   DSDC-SC@OFFICE-1
Air Force Data Systems Design
   Center   GUNTER
Simulation and Analysis Branch
Gunter Air Force Station,
   Alabama 36114

GALLUP, Jeff M.   JMG2   Network Address Not Known
Lawrence Berkeley Laboratory   (415) 843-2740 ext 5074
Bldg. 50A, Rm. 5133   LBL
Berkeley, California 94720

GAMBLE, Hugh R.   HRG   KIRSTEIN@USC-ISI
University College London   01-387-3421 (UK)
Department of Statistics and   LONDON-TIP
   Computer Science
43 Gordon Square
London WC1H OPD
ENGLAND

GAMMILL, Robert C.   RCG   GAMILL@RAND-RCC
The Rand Corporation   (213) 393-0411
1700 Main Street   RAND-RCC
Santa Monica, California 90406

GANAN, Cynthia D.   CDG2   UCLA-SECURITY@USC-ISI
University of California   (213) 825-2971
3532 Boelter Hall   UCLA-ATS
Los Angeles, California 90024

GARDNER, Robert I.   RIG   Gardner@MIT-MULTICS
University of California   (213) 825-2611
Computer Science Department   UCLA-ATS
School of Engineering and
   Applied Science
Los Angeles, California 90024

GARLICK, Larry L.   LLG   GARLICK@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 4580
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

GARVEY, Thomas D.   TDG   GARVEY@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 3486
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

GATES, W. Lawrence   LWG   GATES@RAND-RCC
The Rand Corporation   (213) 393-0411 ext 7601
1700 Main Street   RAND-RCC
Santa Monica, California 90406

GAUTHIER, Glen   GG2   GAUTHIER@USC-ISIB
University Of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
  90291

GEANAROS, Manuele G.   MGG   GEANAROS@OFFICE-1
Directorate of Procurement   (305) 494-5015
R & D Contracts Division   LL-ANTS
HQ Air Force Eastern Test
  Range
Patrick Air Force Base,
  Florida

GEANNACOPULOS, Nickie   NG   PRSETD@OFFICE-1
Stanford Research Institute   (415) 326-6200 ext 3279
333 Ravenswood Avenue   SRI
Menlo Park, California 94025

GEARHART, Roxanne W.   RWG   HASSING@OFFICE-1
Director, National Security   (301) 688-7725
  Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Roxanne Gearhart, C44

GEMOETS, Richard   RG4   IAC-EAST@I4-TENEX
Institute for Advanced   (703) 533-8877
  Computation   I4-TENEX
6521 Arlington Blvd.
P.O. Box 2107
Falls Church, Virginia 22042

GENESERETH, Michael R.   MRG   MRG@MIT-ML
Massachusetts Institute of
  Technology   MIT-ML
Project MAC, NE43-833
Cambridge, Massachusetts 02139

GERBER, Kathy   KG   GERBER@UTAH-10
University of Utah   (801) 581-8224
Computer Science Department   UTAH-10
3160 Merrill Engineering
  Building
Salt Lake City, Utah 84112

GERLA, Mario   MG4   NAC@USC-ISI
Network Analysis Corporation   (516) 671-9580
Beechwood, Old Tappan Road   NAC
Glen Cove, New York 11542

GERMAN, Steven M.   SMG   GERMAN@HARV-10
Harvard University   (617) 495-4147
Aiken Computation Laboratory   HARV-10
33 Oxford Street
Cambridge, Massachusetts
  02138

GESCHKE, Charles M.   CMG   GESCHKE@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4459
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

GIBBONS, Greg D.   GDG   GIBBONS@CMU-10A
Naval Postgraduate School   (408) 646-2449 or 624-2213
Computer Science Group   FNWC
Monterey, California 93940

GIBSON, Mary Beth   MBG   Network Address Not Known
Applied Mathematics Division   (312) 739-7711 ext 4326
Building 221   ANL
Argonne National Laboratory
9700 South Cass Avenue
Argonne, Illinois 60439

GILBERT, John C.   JCG   GILBERT@OFFICE-1
Hq., U.S. Army Materiel Command   (202) 274-8628
5001 Eisenhower Ave.   BRL
Alexandria, Virginia 22333

GILBERT, R. T.   RTG2 GILBERT@BBN-TENEX
Naval Electronic Systems   (202) 282-2963
  Command   BBN-TENEX
Commander
Attn: Code 51026
Washington, D.C. 20360

GILL, Stanley   SG2   UK@USC-ISI
21 Speer Road   01-235-6060 ext 355
Thames Ditton KT7 OPJ   LONDON-TIP
Surrey
ENGLAND

GILLAIRD, Lucille C. (Lucy)   LCG   OWEN@USC-ISI
Teledyne Geotech   (703) 836-3882 ext 295
Alexandria Laboratories   SDAC-TIP
Box 334
Alexandria, Virginia 22313

GILLIKIN, Jack E.   JEG   ROBERTAZZI@OFFICE-1
Director, National Security   (301) 688-6283
  Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Jack E. Gillikin

GILLMAN, Richard A.   RAG2 DICK@SDC-LAB
System Development Corporation   (213) 829-7511 ext 6175
2500 Colorado Avenue   SDC-LAB
Santa Monica, California 90406

GILLOGLY, James J.   JJG   GILLOGLY@RAND-RCC
The Rand Corporation   (213) 393-0411 ext 692
1700 Main Street   RAND-ISD
Santa Monica, California 90406

GINDLIN, Gary   GG   GINDLIN@RUTGERS-10
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
  08903

GINSBERG, Martha A.   MAG   Network Address Not Known
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

GITLIN, Jeffrey   JG6   GITLIN@RUTGERS-10
Rutgers University   (201) 932-3226
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

GITMAN, Israel   IG   NAC@USC-ISI
Network Analysis Corporation   (516) 671-9580
Beechwood, Old Tappan Road   NAC
Glen Cove, New York 11542

GLEASON, Gerald J.   GJG   GLEASON@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4480
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

GLOVER, Pennie A.   PAG   DSDC-SG@OFFICE-1
Air Force Data Systems Design   (205) 279-4262
  Center   GUNTER
Directorate of Medical Systems
(BLD 857)
Gunter AFS, Alabama 36114

GOERING, Margaret   MG3   GOERING@USC-ISI
Advanced Research Projects   (202) 694-3035
  Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

GOERTZ, James J.   JJG2   MATHSCI@OFFICE-1
Naval Electronics Lab. Center   (714) 225-7144
San Diego, California 92152   NSRDC

GOGUEN, Joseph A.   JAG3   JAG;BIN(1525)@UCLA-CCN
University of California   (213) 825-2422
Computer Science Dept.   UCLA-ATS
3532 Boelter Hall
Los Angeles, California 90024

GOLD, Bernard   BG   LINCOLN@BBN-TENEX
Massachusetts Institute of   (617) 862-5500 ext 127
  Technology   LL-11
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

GOLDBERG, Joel   JG8   GOLDBERG@USC-ISIB
University of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

GOLDEN, Jeffrey P.   JPG   JPG@MIT-ML
Massachusetts Institute of   (617) 253-5877
  Technology   MIT-ML
Project MAC
Automatic Programming Division
545 Technology Square
Cambridge, Massachusetts
   02139

GOLDING, Stan   SG   Network Address Not Known
NASA Ames Research Center   (415) 965-6035
Mail Stop 233-13   AMES-67
Moffett Field, California
   94035

GOLDMAN, Neil   NG2   GOLDMAN@USC-ISIB
University of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

GOLDSTEIN, Gordon D.   GDG2   DENICOFF@USC-ISI
Office of Naval Research   (202) 692-4302
Information Systems Program   NBS-TIP
Arlington, Virginia 22217

GOODFELLOW, Geoffrey S.   GSG   GEOFF@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 3550
Artificial Intelligence Center   SRI-AI   SRI-CBCII
333 Ravenswood Avenue   SRI-IA11 SRI-NSCII
Menlo Park, California 94025

GOODMAN, Lenard M.   LMG   LINCOLN@BBN-TENEX
Massachusetts Institute of   (617) 862-5500 ext 5386
  Technology   LL-11
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

GOODMAN, Nathan   NG4   NAT@CCA-TENEX
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

GOODRICH, Allen B.   ABG   GOODRICH@I4-TENEX
Institute for Advanced   (408) 735-0635
  Computation   I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

GOODSON, John   JG7   GOODSON@RUTGERS-10
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

GOODWIN, Jim W.   JWG   GOODWIN@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 452
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

GOODWIN, Nancy C.   NCG   NGOODWIN@BBN-TENEX
  The MITRE Corporation   (617) 271-2156 or 2000
  Box 208   MITRE-TIP
  Bedford, Massachusetts 01730

GORHAM, William C.   WCG   COMRADE@OFFICE-1
  Naval Ship Research and   (202) 227-1622
    Development Center   NSRDC
  Code 1832
  Bethesda, Maryland 20034

GORIN, Ralph E.   REG   REG@SU-AI
  Stanford University   (415) 497-4971 or 1360
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

GOULD, Jay   JGOULD@BBN-TENEX
  Range Measurements Laboratory
  Attn: ENLD   RML-TIP
  Patrick AFB, Florida 32925

GOULD, Laura E.   LEG   GOULD@BBN-TENEXD
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 566
  50 Moulton Street   BBN-TENEXD
  Cambridge, Massachusetts 02138

GOWEN, Sharon G.   SGG   NSA@OFFICE-1
  Director, National Security   (301) 688-6848
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Sharon G. Gowen, R25

GRAFMILLER, C. Dean   CDG   DEAN@I4-TENEX
  University of Hawaii   (808) 948-7490
  HAWAII-500 System   HAWAII-500
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

GRAHAM, Nathalie L.   NLG2 NGRAHAM@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 471
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

GRAY, Cynthia L.   CLG   Network Address Not Known
  University of Illinois   (217) 333-7161
  Center for Advanced Computation   ILL-CAC
  Urbana, Illinois 61801

GRAY, Terry   TG   TGray@MIT-MULTICS
  University of California
  Computer Sciences Department   UCLA-ATS
  School of Engineering and
    Applied Science
  Los Angeles, California 90024

GRAY, Thomas B.   TBG   Network Address Not Known
  U. S. Department of   (303) 499-1000 ext 3109
    Commerce/NOAA   DOCB-TIP
  325 South Broadway
  Boulder, Colorado 80302

GREBE, Hartmut   HG   SU-DSL@USC-ISI
  815 Indian Rock Ave.   (415) 526-0304
  Berkeley, California 94707   SU-DSL

GREEN, C. Cordell   CCG   CCG@SU-AI
  Stanford University   (415) 497-1518 or 4971
  Computer Science Department   SU-AI
  Stanford, California 94305

GREENBLATT, Richard D.   RDG   RG@MIT-AI
  Massachusetts Institute of   (617) 253-2077
    Technology   MIT-AI
  Artificial Intelligence
    Laboratory
  545 Technology Square
  Cambridge, Massachusetts 02139

GREENFELD, Norton   NG3   GREENFELD@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

GREER, Clayton A.   CAG   SCRL@USC-ISI
  University of California   (805) 961-3221
  Computation Center   UCSB-MOD75
  Santa Barbara, California
    93106

GREIMAN, Bill H.   WHG   Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 5304
  Bldg. 50A, Rm 1144   LBL
  Berkeley, California 94720

GRENINGER, Lars   LG   LARS@I4-TENEX
  Institute for Advanced   (415) 965-6401
    Computation   AMES-TIP
  Ames Research Center
  Mail Stop 233-14
  Moffett Field, California
    94034

GRIFFITH, Byron   BG2   DSDC-SYD@OFFICE-1
  Air Force Data Systems Design   GUNTER
    Center   (205) 279-4467
  Standards and Technology
    Division (SYD)
  (BLD 310)
  Gunter AFS, Alabama 36114

GRIGNETTI, Mario C.   MCG   GRIGNETTI@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 394
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

GRISS, Martin L.   MLG2 GRISS@UTAH-10
  University of Utah   (801) 581-6542
  Department of Computer Science   UTAH-TIP
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

GRISSOM, Joel   JG5   GRISSOM@RUTGERS-10
  Rutgers University   (201) 932-3226
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

GROSS, Jean M. JG3 GROSS@RUTGERS-10
  Rutgers University (201) 932-2492
  Center for Computer and RUTGERS-10
    Information Services
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

GROSS, Louis N. LNG LINCOLN@BBN-TENEX
  Massachusetts Institute of (617) 862-5500 ext 7885
    Technology LL
  Lincoln Laboratory
  244 Wood Street
  Lexington, Massachusetts
    02173

GROSS, Virginia M. VMG GROSS@OFFICE-1
  Advanced Research Projects (202) 694-1588
    Agency ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

GROSSMAN, Gary R. GRG GROSSMAN@USC-ISI
  University of Illinois (217) 333-8797
  Center for Advanced ILL-CAC
    Computation
  309 Advanced Computation Bldg.
  Urbana, Illinois 61801

GROVER, F. UK@USC-ISI
  Blacknest Research Establishment Tadley 4111
  Brimpton, Redding LONDON
  ENGLAND

GUDZ, Robert T. RTG GUDZ@BBN-TENEX
  Bolt Beranek and Newman Inc. (617) 491-1850
  50 Moulton Street BBN-TENEX
  Cambridge, Massachusetts 02138

GUNN, Moira MG2 MOBAH@I4-TENEX
  Institute for Advanced (408) 735-0635
    Computation I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

GUNN, Ralph L. RLG GUNN@OFFICE-1
  Army Materiel Command (717) 263-7405
  Logistics Systems Support BRL
    Agency
  ATTN: AMXLS-L
  Letterkenny Army Depot
  Chambersburg, Pennsylvania
    17201

GUSTAFSON, Judy JG9 GUSTAFSON@USC-ISIB
  University of Southern (213) 822-1511
    California USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

GUYTON, James D. JDG GUYTON@UCSB-MOD75
  University of California (805) 961-4054
  Computer Systems Laboratory UCSB-MOD75
  Santa Barbara, California
    93106

HAAS, Melvin E. MH NSRDC@OFFICE-1
  Naval Ship Research and (202) 227-1618
    Development Center NSRDC
  Code 1830
  Bethesda, Maryland 20034

HAGEDORN, Patti PH PATTI@USC-ISIB
  University of Southern (213) 822-1511
    California USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

HAINES, Edward C. (Ted) ECH HAINES@LL
  Massachusetts Institute of (617) 862-5500 ext 7177
    Technology LL
  Lincoln Laboratory
  Computer Systems Group
  244 Wood Street
  Lexington, Massachusetts 02173

HALE, Richard RH2 HALE@I4-TENEX
  Institute for Advanced (408) 735-0635
    Computation I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

HALL, Dennis E. DEH2 Network Address Not Known
  Lawrence Berkeley Laboratory (415) 843-2740 ext 5821
  Building 50A, Room 1143A LBL
  Berkeley, California 94720

HALL, Donald E. DEH LINCOLN@BBN-TENEX
  Massachusetts Institute of (617) 862-5500 ext 7597
    Technology LL
  Lincoln Laboratory
  244 Wood Street
  Lexington, Massachusetts
    02173

HALL, Jo Ann JAH DSDC-SY@OFFICE-1
  Air Force Data Systems Design (205) 279-4221
    Center GUNTER
  Operations Research Division
    (SYO)
  Gunter AFS, Alabama 36114

HAMILTON, Joan JOAN HAMILTON@BBN-TENEXB
  Stanford Research Institute (415) 326-6200 ext 3630
  Augmentation Research Center SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

HAMMEL, David DH Network Address Not Known
  The MITRE Corporation
  P.O. Box 208 MITRE-TIP
  Bedford, Massachusetts 01730

HANKINSON, Allen AH MATHSCI@OFFICE-1
  Naval Ship Research and (202) 227-1683
    Development Center NSRDC
  Code 1830
  Bethesda, Maryland 20034

HANNAH, Marsha Jo   MJH HANNAH@BBN-TENEXC
  Systems Control, Inc.   (415) 494-1165 ext 336
  1801 Page Mill Road   SCI-TENEX
  Palo Alto, California 94304

HANSEN, O. A.   OAH NORSAR-TIP@OFFICE-1
  Royal Norwegian Council For
    Scientific And Industrial   NORSAR-TIP
    Research
  NTNF/NORSAR
  P.O. Box 51
  N2007 Kjeller
  NORWAY

HARDY, Martin E.   MEH HARDY@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 3921
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

HARGRAVES, Robert F.   RFH Network Address Not Known
  Dartmouth University   (603) 646-2643 ext 3755
  Kiewit Computation Center   DART
  Hanover, New Hampshire 03755

HARLEY, Anthony J.   AJH UK@USC-ISI
  UK Medlars Service   Boston Spa 843434
  British Library, Lending   LONDON
    Division
  Boston Spa
  Wetherby
  Yorks LS23 7BQ
  ENGLAND

HARPER, John   JH3 Network Address Not Known
  U. S. Department of   (303) 494-1000 ext 3661
    Commerce/NOAA   DOCB-TIP
  325 South Broadway
  Boulder, Colorado 80302

HARRENSTIEN, Kenneth L.   KLH2 KLH@MIT-AI
  Massachusetts Institute of   (617) 253-6765
    Technology   MIT-AI
  Artificial Intelligence
    Laboratory
  545 Technology Square
  Cambridge, Massachusetts 02139

HARRIS, May   MH2 MAY@I4-TENEX
  Institute for Advanced   (703) 533-8877
    Computation   I4-TENEX
  6521 Arlington Boulevard
  P.O. Box 2107
  Falls Church, Virginia 22042

HARRIS, Peggy L.   PLH2 HARRIS@OFFICE-1
  Advanced Research Projects   (202) 694-3145
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

HARRISON, Christopher G.   CGH ALOHA@USC-ISI
  University of Hawaii   (808) 948-7490
  The ALOHA System   HAWAII-ALOHA
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

HARRISON, John T.   JTH HARRISON@OFFICE-1
  Ballistic Research Laboratories (301) 278-4149
  Aberdeen Proving Ground   BRL
  Maryland 21005

HARSLEM, Eric F.   EFH HARSLEM@RAND-RCC
  The Rand Corporation   (213) 393-0411 ext 7320
  1700 Main Street   RAND-RCC
  Santa Monica, California 90406

HART, James P.   JH   HART@AMES-67
  NASA Ames Research Center   (415) 965-5935 or 5951
  Network Graphics Group   AMES-11
  Mail Stop 233-9
  Moffett Field, California
    94035

HART, Peter E.   PEH HART@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2128
  Artificial Intelligence Center SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

HARTLEY, Alice K.   AKH HARTLEY@BBN-TENEXB
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 323
  50 Moulton Street   BBN-TENEXB
  Cambridge, Massachusetts 02138

HARTSELL, C. W.   CWH HARTSELL@USC-ISI
  Advanced Research Projects   (202) 694-3622
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

HARVEY, Brian   BH   BH@SU-AI
  Stanford University   (415) 497-4971
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

HASSELBLAD, Bonnie C.   BCH HASSELBLAD@I4-TENEX
  Institute for Advanced   (408) 735-0635
    Computation   I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

HASSING, Tom E.   TEH HASSING@OFFICE-1
  Director National Security
    Agency   NSA
  Ft. George G. Meade
  Maryland 20755
  Attn: Tom Hassing, C44

HATHAWAY, A. Wayne   AWH HATHAWAY@AMES-67
  NASA Ames Research Center   (415) 965-6033 or
  Computation Division   (408) 736-7439
  Mail Stop 233-13   AMES-67
  Moffett Field, California   AMES-TIP
    94035

HAUGLAND, Torstein   TH   HAUGLAND@SU-DSL
  Stanford University   (415) 497-1245
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

INDIVIDUALS

HAUSMAN, Cathy L.   CLH   HAUSMAN@BBN-TENEX
  Bolt Beranek and Newman Inc.
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

HAVERTY, John F.   JFH2   JFH@MIT-DMS
  Massachusetts Institute of   (617) 253-1419
    Technology   MIT-DMS
  Project MAC
  Programming Technology Division
  545 Technology Square
  Cambridge, Massachusetts 02139

HAWES, Iva D.   IDH   STALOG@OFFICE-1
  Air Force Data Systems Design   (202) 279-4521
    Center   GUNTER
  STALOG Development Branch
  Directorate of Logistics
    Systems
  Gunter Air Force Station,
    Alabama 36114

HAWRUSIK, Frank   FH   HAWRUSIK@RUTGERS
  Rutgers University   (201) 463-0056
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

HAYES, P. J.   PJH   UK@USC-ISI
  University of Essex   0206-44144 ext 2325
  Computing Centre   LONDON-TIP
  Wivenhoe Park
  Colchester CO4 3SQ
  Essex ENGLAND

HAYS, Debe   DH5   HAYS@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

HEAFNER, John F.   JFH   HEAFNER@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

HEALY, David C.   DCH   HEALY@USC-ISI
  University of Illinois   (217) 33-1963
  Center for Advanced   ILL-CAC
    Computation
  118 Advanced Computation Bldg.
  Urbana, Illinois 61801

HEARD, Florye M.   FMH   FLO@USC-ISI
  Advanced Research Projects   (202) 694-3623
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

HEARN, Anthony C.   ACH   HEARN@UTAH-10
  University of Utah   (801) 581-8224
  Computer Science Department   UTAH-10
  3160 Merrill Engineering Building
  Salt Lake City
  Utah 84112

HEART, Frank E.   FEH   HEART@BBN-TENEX
  Bolt Beranek and Newman, Inc.   (617) 491-1850 ext 470
  50 Moulton Street   NCC-TIP
  Cambridge, Massachusetts 02139

HEATH, F. G.   FGH   Network Address Not Known
  Heriot-Watt University   31 225-8432 ext 102
  Dept. of Electrical and   LONDON-TIP
    Electronic Engineering
  31-35 Grassmarket
  Edinburgh EH1 2HT
  SCOTLAND

HEATHMAN, Michael A.   MAH   HEATHMAN@SUMEX-AIM
  Stanford University Medical   (415) 321-1200 ext 5815
    Center   SUMEX-AIM
  SUMEX Project
  Stanford, California 94305

HEILMEIER, George H.   GHH   HEILMEIER@USC-ISI
  Advanced Research Projects   (202) 694-3007
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

HEITMEYER, Connie   CH5   HEITMEYER@BBN-TENEX
  Naval Research Laboratory   (202) 767-3381
  Code 5403D   NSRDC
  Washington, D.C. 20375

HELLER, Sidney   SH   Network Address Not Known
  Brookhaven National Laboratory   (516) 345-4125
  Applied Mathematics Department   NYU
  Upton, New York 11973

HELM, Harry A.   HAH   LYONS@USC-ISI
  Defense Communications   (703) 437-2247
    Engineering Center   DCEC
  Code R520
  1860 Wiehle Avenue
  Reston, Virginia 22090

HELTERBRAN, Wayne   WH   VSC@USC-ISI
  Seismic Data Analysis Center   (202) 325-7577
  Alexandria Laboratories   SDAC-TIP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

HENDERSON Jr., D. Austin ADH   HENDERSON@BBN-TENEXA
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 543
  50 Moulton Street   BBN-TENEXA
  Cambridge, Massachusetts 02138

HENDERSON, Dave   DH2   Network Address Not Known
  NASA Ames Research Center   (415) 965-5011
  Computation Division   AMES-67
  Mail Stop 233-9
  Moffett Field, California
    94035

HENDRIX, Gary   GH   HENDRIX@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4664
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

HENNINGER, Herb M.   HMH DSDC-SC@OFFICE-1
  Air Force Data Systems Design
    Center   GUNTER
  Directorate of Systems Control
    (BLD 857)
  Gunter AFS, Alabama 36114

HERZOG, Raymond L.   RLH Network Address Not Known
  AF/LGYPM   (202) 697-6613
  Directorate of Maintenance   GUNTER
    Engineering and Supply
  Pentagon
  Washington, D.C. 20330

HIGGINSON, Peter L.   PLH KIRSTEIN@USC-ISI
  University College London   (Attn: PLH)
  Department of Statistics and   01-387-3421 (UK)
    Computer Science   LONDON-VDH
  43 Gordon Square
  London WC1H OPD
  ENGLAND

HILBING, Francis J.   FJH HILBING@OFFICE-1
  Rome Air Development Center   (315) 330-2041
  Computer Technology Branch   RADC-TIP
    (ISC)
  Griffiss Air Force Base
  New York 13441

HILF, Franklin D.   FDH FDH@SU-AI
  Stanford University   (415) 497-4971
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

HILL, Alan R.   ARH SDAC@USC-ISI
  Seismic Data Analysis Center   (703) 836-3882 ext 276
  Alexandria Laboratories   SDAC-TIP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

HILL, Jeffrey M.   JMH JMH@CCA-TENEX
  Computer Corporation of America   (617) 491-3670
  575 Technology Square   CCA-TENEX
  Cambridge, Massachusetts 02139

HILL, Jesse N.   JNH HILL@OFFICE-1
  Director, National Security   (301) 688-6781
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Jesse N. Hill, R25

HINCHLEY, Andrew J.   AJH2 KIRSTEIN@USC-ISI
  University College, London   (Attn: AJH)
  Department of Statistics and   01-387-3421 (UK)
    Computer Science   LONDON
  43 Gordon Square
  London WC1H OPD
  ENGLAND

HINCKLEY, Robert H.   RHH Network Address Not Known
  Department of Transportation   (617) 494-2585
  Transportation Systems Center   DOT
  TC - 55 Broadway
  Cambridge, Massachusetts 02142

HISCOX, Ernie W.   EWH HISCOX@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 514
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

HITCHCOCK, Thomas P.   TPH Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 5211
  Building 50A, Room 1143   LBL
  Berkeley, California 94720

HOCKNEY, R. W.   UK@USC-ISI
  Reading University   Reading 85123
  Department of Computer Science   LONDON
  Whiteknights, Reading RG6 2AF
  ENGLAND

HOFFMAN, John P.   JPH Network Address Not Known
  Albuquerque Seismological   (505) 264-4637
    Laboratory   ASL
  U.S. Geological Survey
  Kirtland Air Force Base East
  Albuquerque, New Mexico 87115

HOFFMAN, Robert E.   REH2 HOFFMAN@USC-ISI
  University of Southern   (213) 822-1511 ext 190
    California   USC-ISI
  Information Sciences Institute
  4676 Admiralty Way
  Marina Del Rey, California
    90291

HOFMAN, Larry B.   LBH Network Address Not Known
  NASA Ames Research Center   (415) 965-6530
  Systems Development Branch   AMES-TIP
    244-14
  Moffett Field, California
    94035

HOLCOMB, L. Gary   LGH Network Address Not Known
  Albuquerque Seismological   (505) 264-4637
    Laboratory   ASL
  U.S. Geological Survey
  Kirtland Air Force Base East
  Albuquerque, New Mexico 87115

HOLG, Chloe S.   CSH HOLG@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

HOLLISTER, Floyd H.   HOLLISTER@USC-ISI-10
  Advanced Research Projects   (202) 694-5921
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

HOLLOWAY, Glenn H.   GHH2 HOLLOWAY@HARV-10
  Harvard University   (617) 495-4147
  Aiken Computation Laboratory   HARV-10
  33 Oxford Street
  Cambridge, Massachusetts
    02138

HOLMES, Harvard H.   HHH   Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 5742
  Bldg. 50B, Rm. 3239   LBL
  Berkeley, California 94720

HOLMES, P. L.   UK@USC-ISI
  British Library   01-928-9222
  Research and Development   LONDON
    Department
  Sheraton House
  Great Chapel Street
  LONDON W1V4BH
  ENGLAND

HOLMGREN, Steven F.   SFH   HOLMGREN@BBN-TENEX
  University of Illinois   (217) 333-8469
  Center for Advanced   ILL-CAC
    Computation
  210 Advanced Computation Bldg.
  Urbana, Illinois 61801

HOLSWORTH, James   JH6   HOLSWORTH@SCI-TENEX
  Systems Control, Inc.   (415) 494-1165 ext 367
  1801 Page Mill Road   SCI-TENEX
  Palo Alto, California 94304

HOLT, Anatol W.   AWH2   COMPASS@BBN-TENEX
  Massachusetts Computer   (609) 921-8550
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

HOPPER, J. D.   JDH   HOPPER@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 2352
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

HORN, Berthold   BH3   BKPH@MIT-AI
  Massachusetts Institute   (617) 253-6750
    of Technology   MIT-AI
  Artificial Intelligence Laboratory
  545 Technology Square
  Cambridge, Massachusetts 02139

HORNISH, William   WH3   HORNISH@BBN-TENEX
  NAVCOSSACT Code 90   (202) 433-4205 ext 4020
  Building 196 WNY   BBN-TENEX
  Washington, D.C. 20374

HOUGH, Roger W.   RWH   HOUGH@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 4479
  333 Ravenswood Avenue   SRI
  Menlo Park, California 94025

HOUGHTON, Leslie Ann   LAH   NALCON@OFFICE-1
  Naval Ship Research &   (202) 227-1297
    Development Center   NSRDC
  Code 1809
  Bethesda, MD 20084

HOVERSTEN, Estil V.   EVH   DCA@BBN-TENEX
  Defense Communications Agency   (202) 692-0139
  Washington, D.C. 20305   DCA

HSIAO, David   DH3   Network Address Not Known
  Ohio State University   (614) 422-3083
  2024 Neil Ave.   OSU
  Columbus, Ohio 43210

HSU, Tau   TH2   HSU@RUTGERS-10
  Rutgers University   (201) 463-0056
  Department of Computer Science
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

HUANG, Thomas S.   TSH   PURDUE@USC-ISI
  Purdue University   (317) 493-3361
  Electrical Engineering   PURDUE
    Building
  Room 281
  West Lafayette, Indiana 47907

HUGHES, Herb S.   HSH   HHughes@MIT-MULTICS
  Massachusetts Institute   (617) 253-3568
    of Technology   MIT-MULTICS
  Project MAC
  Computer Systems Research
    Division
  545 Technology Square
  Cambridge, Massachusetts 02139

HUKILL, James D.   JDH2 NSA@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: James Hukill, C41

HUMMEL, June Shoup   JES   SHOUP@USC-ISI
  Speech Communications Research   (805) 965-3011
    Laboratory   SCRL-ELF
  800A Miramonte Drive
  Santa Barbara, California
    93109

HUNT, Barbara   BH2   HUNT@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-442
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

HUSBY, Robert J.   RJH   HUSBY@BBN-TENEX
  University of Illinois   (217) 333-6545
  Center for Advanced   ILL-CAC
    Computation
  208 Advanced Computation Bldg.
  Urbana, Illinois 61801

HUTSON, James H.   JHH2 HUTSON@AMES
  NASA Ames Research Center   (415) 965-6588 or 5014
  Mail Stop 233-9   AMES-TIP
  Moffett Field, California
    94035

HUYNH, Dieu   DH6   ALOHA@USC-ISI
University of Hawaii   (808) 948-7068
The ALOHA System   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

HYDE, David W.   DWH   HYDE@USC-ISI
Advanced Research Projects   (202) 694-3532
  Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

HYDE, James W.   JWH   Network Address Not Known
Rome Air Development Center   (315) 330-3046
Technical Operations (DOT)   RADC-TIP
Griffiss AFB, New York 13441

HYSMITH, Rita   RH   HYSMITH@OFFICE-1
Stanford Research Institute   (703) 524-2053 ext 393 or
1611 North Kent Street   (415) 326-6200 ext 4372
Arlington, Virginia 22209   SRI-ARC

IRBY, Charles H.   CHI   IRBY@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 ext 4611
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

IRWIN, Joel B.   JBI   IRWIN@RUTGERS-10
Rutgers University   (201) 463-0056
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
  08903

ISELI, Jean   JI   ISELI@USC-ISI
IW.W. Iseli
Rt. 3 Box 332   MITRE-TIP
Sandy, Oregon 97055

IUORNO, Rocco F.   RFI   IUORNO@OFFICE-1
Rome Air Development Center   (315) 330-3827
(ISIM)   RADC-TIP
Griffiss Air Force Base
New York 13441

IWAMOTO, Margaret M.   MI   ALOHA@USC-ISI
University of Hawaii   (808) 948-7490
The ALOHA System   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

IWAMOTO, Neil Y.   NYI   ALOHA@USC-ISI
University of Hawaii   (808) 948-7490
THE ALOHA SYSTEM   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

JACKSON, Mary J.   MJJ   JACKSON@OFFICE-1
Advanced Research Projects   (202) 694-3942
  Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

JACOBS, John A.   JAJ   Network Address Not Known
Hq., Air Force Systems Command   (301) 981-6764
Andrews AFB   ARPA-TIP
Washington, D.C. 20334

JACQUES, Edward   EJ   JACQUES@MIT-MULTICS
U.S. Energy Research and   (301) 973-3046
  Development Administration   NYU
Division of Management
  Information and
  Telecommunications
Washington, D.C. 20545

JARVIS, Pitts   PJ   PJ@MIT-AI
Massachusetts Institute   (617) 253-6765
  of Technology   MIT-ML
Project MAC
Automatic Programming Division
545 Technology Square
Cambridge, Massachusetts
  02139

JEFFERS, W. Chris   CJ   JEFFERS@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4386
Computer Systems Building   PARC-MAXC
3333 Coyote Hill Road
Palo Alto, California 94304

JENKINS, James R.   JRJ2 Network Address Not Known
Office of Telecommunications   (202) 395-5170
  Policy   OTP
Executive Office of the
  President
1800 G Street, N. W.
Washington, D.C. 20504

JENSEN, James D.   JDJ   JENSEN@UTAH-10
University of Utah   (801) 581-8224
Computer Science Department   UTAH-10
3160 Merrill Engineering
  Building
Salt Lake City, Utah 84112

JERNIGAN, Mil E.   MEJ   ROBERTAZZI@OFFICE-1
P.O. Box 174   (301) 688-6283
Annapolis Junction, Maryland   NSA
  20701

JEROME, Suzan J.   SJJ   JEROME@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4401
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

JESKE, Steven E.   SEJ   JESKE@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 624
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

JOHNSON, Donald H.   DHJ   LINCOLN@BBN-TENEX
Massachusetts Institute   (617) 862-5500 ext 269
  of Technology   LL-11
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

INDIVIDUALS

JOHNSON, Mark
MJ Network Address Not Known
University of Utah
(801) 581-8224
Computer Science Department
UTAH-10
3160 Merrill Engineering
Building
Salt Lake City, Utah 84112

JOHNSON, Neil W.
NWJ COMPASS@BBN-TENEX
Massachusetts Computer
(617) 245-9540
Associates, Inc.
MCA
26 Princess Street
Wakefield, Massachusetts 01880

JOHNSON, Paul R.
PRJ JOHNSON@BBN-TENEXA
Bolt Beranek and Newman Inc.
(617) 491-1850 ext 611
50 Moulton Street
BBN-TENEXA
Cambridge, Massachusetts 02138

JOHNSON, Sandy L.
SLJ JOHNSON@OFFICE-1
Stanford Research Institute
(415) 326-6200 ext 2497
Augmentation Research Center
SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

JOHNSTON, John R.
JRJ3 JOHNSTON@I4-TENEX
University of Hawaii
(808) 948-7490
HAWAII-500 System
HAWAII-500
2540 Dole Street
Honolulu, Hawaii 96822

JOHNSTON, Richard A.
RAJ AFGWC@BBN-TENEX
Air Force Global Weather
(402) 294-3616
Central (MAC)/DO
GWC-TIP
Attn: Capt. Volk
Offutt Air Force Base
Nebraska 68113

JURICK, Robert
RJ Network Address Not Known
Aeronautical Systems Division
(513) 255-6217
Computer Center
WPAFB-TIP
Bldg. 676, Area B
Wright-Patterson AFB, Ohio
45433

KADNER, Susan G. (Sue)
SGK KADNER@UCSB-MOD75
University of California
(805) 961-2261
Computer Center
UCSB-MOD75
Santa Barbara, California
93106

KADUNCE, Daniel L.
DLK Network Address Not Known
Defense Communications Agency
(202) 692-2600 or
Operations
692-2602
Attention: Code N-341
DCA
Washington, D.C. 20305

KAHN, Robert E.
REK2 KAHN@USC-ISI
Advanced Research Projects
(202) 694-5921 or
Agency
694-5922
1400 Wilson Boulevard
ARPA-TIP
Arlington, Virginia 22209

KALIN, Richard B.
RBK Network Address Not Known
Massachusetts Computer
(617) 245-9540
Associates, Inc.
MCA
26 Princess Street
Wakefield, Massachusetts 01880

KALLAS, Louis P.
LPK KALLAS@OFFICE-1
Advanced Research Projects
(202) 694-1674
Agency
ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

KAM, Alan C. H.
ACK2 KAM@I4-TENEX
University of Hawaii
(808) 948-7490
HAWAII-500 System
HAWAII-500
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

KAMENY, Iris M.
IMK IRIS@SDC-LAB
System Development Corporation
(213) 829-7511 ext 6167
2500 Colorado Avenue
SDC-LAB
Santa Monica, California 90406

KAMOUN, Farouk N.
FNK UCLA-MODEL@USC-ISI
University of California
(213) 825-2235
3771 Boelter Hall
UCLA-ATS
Los Angeles, California 90024

KAMPE, Mark A.
MAK KAMPE;BIN(1200)@UCLA-CCN
University of California
(213) 825-4733
3804 Boelter Hall
UCLA-ATS
Los Angeles, California 90024

KANODIA, Rajendra K.
RKK Kanodia@MIT-MULTICS
Massachusetts Institute of
(617) 253-6018
Technology
MIT-MULTICS
Project MAC
Computer Systems Research
Division
545 Technology Square
Cambridge, Massachusetts 02139

KANTER, David G.
DGK AFWL-PRP@USC-ISI
Air Force Weapons Laboratory
Kirtland Air Force Base
ARPA-TIP
Albuquerque, New Mexico 87117

KANTROWITZ, William
WK WK@LL
Massachusetts Institute of
(617) 862-5500 ext 7178
Technology
LL
Lincoln Laboratory
Computer Systems Group
244 Wood Street
Lexington, Massachusetts 02173

KAPLAN, Kenneth
KK4 KAPLAN@RUTGERS-10
Rutgers University
(201) 932-3748
Department of Computer Science
RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
08903

KARP, Peggy M.
PMK PMK@SU-AI
Stanford University
(415) 497-4971
Artificial Intelligence
SU-AI
Laboratory
Computer Science Department
Stanford, California 94305

KARP, Richard A.
RAK2 SU-DSL@USC-ISI
Stanford University
(415) 497-1457
Digital Systems Laboratory
SU-DSL
Stanford, California 94305

KASTER, Fran   FK2   FRAN@I4-TENEX
  Institute for Advanced   (408) 735-0635 ext 286
    Computation   I4-TENEX
  1095 Duane Avenue
  Sunnyvale, California 94086

KASTNER, John   JK4   KASTNER@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

KATTLOVE, Rose W.   RWK   KATT@USC-ISIB
  University of Southern   (213) 822-1511 ext 117
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

KATUNA, Linda   LK2   KATUNA@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4403
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

KATZ, Joseph   JK5   UCLA-NMC@USC-ISI
  University of California   (213) 825-7005
  3771 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

KAUFFMAN, William F.   WFK   Network Address Not Known
  USAMERDC   (703) 664-5511
  Commanding Officer/USAMERDC   BELVOIR
  STSFB-BC
  Fort Belvoir, Virginia 22060

KAY, Alan C.   ACK   Network Address Not Known
  Xerox Palo Alto Research Center   (415) 494-4380
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

KAY, Kevin R.   KRK   KAY@UTAH-10
  6618 31st Street, N.W.   (202) 363-6336
  Washington, D.C. 20015   UTAH-10

KEENAN, John A.   JAK2   KEENAN@USC-ISI
  MITRE Corporation   (703) 790-6511
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

KEENEY, Marcia L.   MLK   KEENEY@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 3695
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

KEHL, William B.   WBK   KEHL@UCLA-CCN
  University of California   (213) 825-7511
  Campus Computing Network   UCLA-CCN
  5628 Math Sciences Addition
  Los Angeles, California 90024

KELLEY, Karl C.   KCK   KELLEY@BBN-TENEX
  University of Illinois   (217) 333-2575
  Center for Advanced   ILL-CAC
    Computation
  310 Advanced Computation
    Building
  Urbana, Illinois 61801

KELLEY, Kirk E.   KIRK   KELLEY@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 3506
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

KELLEY, Michael   MK   BANANA@I4-TENEX
  Institute for Advanced   (415) 965-6349
    Computation   I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

KELLOGG, Charles H.   CHK   KELLOGG@SDC-LAB
  System Development Corporation   (213) 829-7511 ext 454
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

KELLY, Russell   RK   NAC@USC-ISI
  Network Analysis Corporation   (516) 671-9580
  Beechwood, Old Tappan Road   NAC
  Glen Cove, New York 11542

KELSEY, Stephen J.   SJK   KELSEY@UTAH-10
  University of Utah   (801) 581-8381
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

KENNEDY, Edmund J.   EJK   KENNEDY@OFFICE-1
  Rome Air Development Center   (315) 330-2672
    (ISIM)   RADC-TIP
  Griffiss Air Force Base
  Rome, New York 13441

KENNEY, Sylvia B.   SK   KIRSTEIN@USC-ISI
  University College London   (Attn: SK)
  Department of Statistics and   01-387-3421 (UK)
    Computer Science   LONDON-TIP
  43 Gordon Square
  London WC1H OPD
  ENGLAND

KENYON, Robert J.   RJK   KENYON@OFFICE-1
  Rome Air Development Center   (315) 330-3041
  Transmission and Communications   RADC-TIP
    Branch (DCC)
  Griffiss Air Force Base
  New York 13441

KERN, Kevin   KK3   KERN@RUTGERS-10
  Rutgers University   (201) 932-2558
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

INDIVIDUALS

KERR, Ann U.   AUK   IAC-EAST@I4-TENEX
  Institute for Advanced   (703) 533-8877 ext 480
    Computation   I4-TENEX
  6521 Arlington Blvd.
  P.O. Box 2107
  Falls Church, Virginia 22042

KESSELMAN, Murray L.   MLK2 KESSELMAN@OFFICE-1
  Rome Air Development Center   (315) 330-3461
  Computer Architect Section   RADC-TIP
    (ISCA)
  Griffiss AFB, New York 13441

KIBENS, Maija   MK7   KIBENS@SUMEX-AIM
  Stanford University   (415) 497-1442
  Serra House   SUMEX-AIM
  Department of Computer Science
  Stanford, California 94305

KIBLER, Austin   AK   KIBLER@USC-ISI
  Advanced Research Projects   (202) 694-4001
    Agency   ARPA-TIP
  Human Resources
    Research Office
  1400 Wilson Boulevard
  Arlington, Virginia 22209

KIDSTON, Carol A.   CAK   KIDSTON@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 375
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

KIM, Karen   KK   Network Address Not Known
  University of California   (213) 825-2611
  Computer Science Department   UCLA-ATS
  3680S Boelter Hall
  Los Angeles, California 90024

KIMBLETON, Steve   SK2   KIMBLETON@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

KING, Cynthia J.   CJK   KING@OFFICE-1
  Defense Communications   (703) 437-2321
    Engineering Center   DCEC
  1860 Wiehle Road
  Reston, Virginia 22090
  ATTN: Ms. Cynthia King
  Code: R800

KING, David J.   DJK   KING@CMU-10B
  Carnegie-Mellon University   (412) 621-2600 ext 197
  Computation Center   CMU-CC
  Schenley Park
  Pittsburgh, Pennsylvania 15213

KING, Jonathan J.   JJK   KING@SUMEX-AIM
  Stanford University   (415) 497-4878
  Serra House   SUMEX-AIM
  Department of Computer Science
  Stanford, California 94305

KINNISON, Gerald L.   GLK   Network Address Not Known
  Naval Undersea Center   (714) 225-6461
  Department of the Navy   NUC
  Undersea Surveillance Division
  San Diego, California 92132

KIRKWOOD, Jo H.   JHK3 KIRKWOOD@OFFICE-1
  Defense Communications   (703) 437-2356
    Engineering Center   DCEC
  1860 Wiehle Road
  Reston, Virginia 22090
  ATTN: Ms. Jo Kirkwood
  Code: R600

KIRSTEIN, Peter T.   PK   KIRSTEIN@USC-ISI
  University College London   01-387-3421 (UK)
  Department of Statistics and   LONDON
    Computer Science
  43 Gordon Square
  London WC1H OPD
  ENGLAND

KISTNER, Maurice   MK2   Network Address Not Known
  U. S. Department Of Commerce   (303) 494-1000 ext 4333
  NOAA   DOCB-TIP
  325 South Broadway
  Boulder, Colorado 80302

KLAHR, Phil   PK4   PHIL@SDC-LAB
  System Development Corporation   (213) 829-7511 ext 522
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

KLEINROCK, Leonard   LK   KLEINROCK@USC-ISI
  University of California   (213) 825-2543
  3732 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

KLINE, Charles S.   CSK   CSK@USC-ISI
  University of California   (213) 825-2756
  3804 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

KLOKER, Dean R.   DRK   UNIVAC@BBN-TENEX
  Sperry Univac   (612) 456-2526
  Univac Park   UNIVAC
  Mail Station UOP16
  P.O. Box 3525
  St. Paul, Minnesota 55165

KLOVSTAD, John W. (Jack)   JWK   KLOVSTAD@BBN-TENEXD
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 452
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

KNECHT, Del   DK3   Network Address Not Known
  University of Illinois   (217) 333-9422
  Center for Advanced   ILL-CAC
    Computation
  140 Advanced Computation Bldg.
  Urbana, Illinois 61801

KNIGHT, Thomas F. (Tom)   TFK   TK@MIT-AI
Massachusetts Institute of   (617) 253-6765
    Technology   MIT-AI
Artificial Intelligence
    Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

KNOX, T. M.   TMK   KNOX@USC-ISI
Range Measurements Laboratory   (305) 494-2011
Attn: ENLI   RML-TIP
Patrick AFB, Florida 32925

KOBLISKI, Joan P.   JPK   KOBLISKI@OFFICE-1
Defense Communication   (703) 437-2421
    Engineering Center   DCEC
1860 Wiehle Road
Reston, Virginia 22090
ATTN: Ms. Joan Kobliski
Code: R130

KOCH, Carl F.   CFK   OWEN@USC-ISI
Teledyne Geotech   (703) 836-3882 ext 202
Alexandria Laboratories   SDAC-TIP
Box 334
Alexandria, Virginia 22313

KOEHLER, Arthur   AK3   Network Address Not Known
Samso (DYT)
P.O. Box 92960   USC-ISI
Worldway Postal Center
Los Angeles, California 90009

KOHANSKI, Daniel D.   DK2   KOHANSKI@RUTGERS-10
Rutgers University   (201) 932-2453
Center for Computer and   RUTGERS-10
    Information Services
Hill Center/Busch Campus
New Brunswick, New Jersey
    08903

KOPF, E. H.   EHK   KOPF@USC-ISI
Advanced Research Projects   (202) 694-1571
    Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

KRALEY, Michael F.   MFK   KRALEY@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 414
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

KRAVITZ, Jody S.   JSK   KRAVITZ@BBN-TENEX
University of Illinois   (217) 333-1546
Center for Advanced   ILL-CAC
    Computation
206 Advanced Computation Bldg.
Urbana, Illinois 61801

KREINDLER, Reldykin J.   RJK2   AU-ED@OFFICE-1
Hq. Air University   (205) 293-7423
DCS/Education   GUNTER
Bld 860
Maxwell AFB, Alabama 36113

KREMERS, Jan H.   JHK   KREMERS@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 2337
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

KRESH, Jack   JK3   KRESH@RUTGERS-10
Rutgers University   (201) 932-2006
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
    08903

KRILANOVICH, Mark C.   MCK   KRILANOV@UCSB-MOD75
University of California   (805) 961-3454 or
Computer Systems Laboratory   961-2261
Santa Barbara, California   UCSB-MOD75
    93106

KRUGER, Richard P.   RPK   Network Address Not Known
University of Southern   (213) 746-2992
    California   USC-44
School of Engineering
Los Angeles, California 90007

KRUTAR, Rudolph A.   RAK   KRUTAR@UTAH-10
University of Utah   (801) 581-8335
Computer Science Department   UTAH-10
3160 Merrill Engineering
    Building
Salt Lake City, Utah 84112

KRUTZ, Robert D.   RDK   KRUTZ@OFFICE-1
Rome Air Development Center   (315) 330-2204
    (IS)   RADC-TIP
Griffiss Air Force Base
New York 13441

KRUZIC, Pamela G.   PGK   kruzic@office-1
Stanford Research Institute   (415) 326-6200 ext 4014
333 Ravenswood Ave., Rm. K3086   or 3402
Menlo Park, California   SRI
    94025

KUGELL, Stanley G.   SGK2   SGK@SU-AI
Stanford University   (415) 497-4971 or 1407
Artificial Intelligence   SU-AI
    Laboratory
Computer Science Department
Stanford, California 94305

KUIPERS, Benjamin   BK2   BEN@MIT-AI
Massachusetts Institute of   (617) 253-7836
    Technology   MIT-AI
Artificial Intelligence
    Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

KULIKOWSKI, Casimir   CK   KULIKOWSKI@RUTGERS-10
Rutgers University   (201) 932-2006
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
    08903

KUNZELMAN, Ronald C.   RCK Network Address Not Known
   Stanford Research Institute   (415) 326-6200 ext 4118
   333 Ravenswood Avenue   SRI
   Menlo Park, California 94025

KUO, Franklin F.   FK KUO@USC-ISI
   University of Hawaii   (808) 948-7589
   The ALOHA System   ALOHA-TIP
   2540 Dole Street, Holmes 486   HAWAII-ALOHA
   Honolulu, Hawaii 96822

KUTULUS, John E.   JEK2 AFGWC@BBN-TENEX
   Air Force Global Weather   (402) 294-3073
      Central (MAC)/AD   GWC-TIP
   Offutt Air Force Base
   Nebraska 68113

KYLE, Norman R.   NRK Network Address Not Known
   USAMERDC   (703) 664-5511
   Commanding Officer/USAMERDC   BELVOIR
   STSFB-BC
   Fort Belvoir, Virginia 22060

LA MERE, Robert F.   RFL LAMERE@I4-TENEX
   Institute for Advanced   (408) 735-0635
      Computation   I4-TENEX
   1095 E. Duane Court
   Sunnyvale, California 94086

LACOSS, Richard T.   RTL LACOSS@USC-ISI
   Massachusetts Institute of   (617) 253-7858
      Technology   LL-ASG
   Lincoln Laboratory
   Seismic Discrimination Group
   42 Carleton Street
   Cambridge,Massachusetts 02142

LAFORGE, Edward F.   ELF LAFORGE@OFFICE-1
   (ISIM)   (315) 330-3857
   Rome Air Development Center   RADC-TIP
   Griffiss Air Force Base
   New York 13441

LALLA, Hilary A.   HAL KIRSTEIN@USC-ISI
   University College
   Statistics and Computer   LONDON-TIP
      Science Department
   44 Gordon Square
   London WC1H OPD
   England

LAM, Simon   SL LAM;BIN(1200)@UCLA-CCN
   University of California   (213) 825-2841
   Computer Science Department
   3771 Boelter Hall
   Los Angeles, California 90024

LAMONICA, Frank S.   FSL LAMONICA@OFFICE-1
   Rome Air Development Center   (315) 330-7011
   (ISIM)   RADC-TIP
   Griffiss Air Force Base
   New York 13441

LAMPSON, Butler W.   BWL LAMPSON@PARC-MAXC
   Xerox Palo Alto Research Center   (415) 494-4448
   3333 Coyote Hill Road   PARC-MAXC
   Palo Alto, California 94304

LANDA, Suzanne D.   SDL Network Address Not Known
   The Rand Corporation   (213) 393-0411 ext 650
   1700 Main Street   RAND-RCC
   Santa Monica, California 90406

LANDAU, Charles R.   CRL2 RISOS@USC-ISI
   Lawrence Livermore Lab   (415) 447-1100 ext 3406
   P.O. Box 808, L-307   LLL-RISOS
   Livermore, California 94550

LANDERS, Terry A.   TAL TAL@CCA-TENEX
   Computer Corporation of America   (617) 491-3670
   575 Technology Square   CCA-TENEX
   Cambridge, Massachusetts 02139

LANE, Marcia B.   MBL RUTGERS@BBN-TENEX
   Rutgers University   (201) 932-2001
   Department of Computer Science   RUTGERS-TIP
   Hill Center/Busch Campus
   New Brunswick, New Jersey
      08903

LANZETTA, Louise S.   LSL Network Address Not Known
   University of Chicago   (312) 753-8761
   Institute for Computer   CHIU
      Research
   Chicago, Illinois 60637

LARSON, Dee   DEE2 LARSON@SUMEX-AIM
   Stanford University   (415) 497-4878
   Serra House   SUMEX-AIM
   Computer Science Department
   Stanford, California 94305

LARSON, Robin H. (Rob)   RHL ROB@SDC-LAB
   System Development Corporation   (213) 829-7511 ext 6944
   2500 Colorado Avenue   SDC-LAB
   Santa Monica, California 90406

LASHER, William   WL NSA@OFFICE-1
   Director, National Security
      Agency   NSA
   Fort George G. Meade
   Maryland 20755
   Attn: William Lasher, C41

LASKI, John G.   JGL UK@USC-ISI
   University of Essex   0206-44144
   Computing Centre   LONDON-TIP
   Wivenhoe Park
   Colchester CO4 3SQ
   Essex ENGLAND

LAUTENSCHLAGER, Thurman H.   THL ONR@USC-ISI
   Office of Naval Research
   Arlington, Virginia   ARPA-TIP

LAWRENCE, George   GL LAWRENCE@USC-ISI
   Advanced Research Projects   (202) 694-4001
      Agency   ARPA-TIP
   Human Resources
      Research Office
   1400 Wilson Boulevard
   Arlington, Virginia 22209

LAWRENCE, Thomas F.   TFL   LAWRENCE@OFFICE-1
  Rome Air Development Center   (315) 330-3857
  (ISIM)   RADC-MULTICS
  Griffiss Air Force Base   RADC-TIP
  Rome, New York 13441

LEA, A.   UK@USC-ISI
  Rutherford Laboratory   Abingdon 1900
  Chilton, Didcot   LONDON
  Berkshire, ENGLAND

LEA, Wayne A.   WAL   UNIVAC@BBN-TENEX
  Sperry Univac   (612) 456-2434
  Univac Park   UNIVAC
  Mail Station UOP16
  P.O. Box 3525
  St. Paul, Minnesota 55165

LEAVITT, Elsie   EL2   LEAVITT@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 357
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

LEAVITT, Jeanne M.   JML   LEAVITT@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 3001
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

LEBEL, Ronald J.   RJL   RJL@MIT-AI
  Massachusetts Institute of   (617) 253-3473
  Technology   MIT-AI
  Artificial Intelligence
  Laboratory
  545 Technology Square
  Cambridge, Massachusetts 02139

LEBLING, P. David   PDL   PDL@MIT-DMS
  Massachusetts Institute of   (617) 253-1440
  Technology   MIT-DMS
  Project MAC
  Programming Technology
  Division
  545 Technology Square
  Cambridge, Massachusetts 02139

LEBOW, Irwin L.   IL   LEBOW@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 352
  Technology   LL
  Lincoln Laboratory
  Computer Systems Group
  Lexington, Massachusetts 02173

LEDERBERG, Joshua   JL   LEDERBERG@SUMEX-AIM
  Stanford University Medical   (415) 497-5801 or
  Experimental Computer   497-5052
  Stanford Medical Center   SUMEX-AIM
  Room S-337
  Stanford, Calidornia 94305

LEE, Ted   TL   Network Address Not Known
  Sperry Univac   (612) 456-2681
  M.S. 4993   UNIVAC
  P.O. Box 3942
  St. Paul, Minnesota 55165

LEE, Wrenwick K.   WKL   LEE@I4-TENEX
  University of Hawaii   (808) 948-7490
  HAWAII-500 System   HAWAII-500
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

LEFAIVRE, Rick   RL4   LEFAIVRE@RUTGERS-10
  Rutgers University   (201) 932-2898
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
  08903

LEHTMAN, Harvey G.   HGL   LEHTMAN@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 4174
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

LEICHNER, Gene   EL   SCI@USC-ISI
  Systems Control, Inc.   (415) 494-1165
  1801 Page Mill Road   SCI
  Palo Alto, California 94304

LEJEUNE, Flanoid F.   FFL   STALOG@OFFICE-1
  Air Force Data Systems Design   (205) 279-4521
  Center   GUNTER
  STALOG Development Branch
  Directorate of Logistics
  Systems
  Gunter Air Force Station
  Alabama 36114

LESLIE, John P.   JPL2 LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 7351
  Technology   LL
  Lincoln Laboratory
  244 Wood Street
  Lexington, Massachusetts
  02173

LESSER, Victor R.   VRL   LESSER@CMU-10B
  Carnegie-Mellon University   (412) 621-2600 ext 163
  Computer Science Department   CMU-10B
  Schenley Park
  Pittsburgh, Pennsylvania 15213

LEVEE, Richard   RL5   CHI@USC-ISI
  Culler-Harrison, Inc.   (805) 968-1064
  150-A Aero Camino   CHII
  Goleta, California 93017

LEVIN, Jim   JL3   LEVIN@USC-ISIB
  University of Southern   (213) 822-1511
  California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
  90291

LEVIN, Joel B.   JBL   LEVIN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 463
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

LEVIN, Roy   RL2   LEVIN@CMU-10A
Carnegie-Mellon University   (412) 687-2368
Carnegie Multi-Mini Project   CMU-11
Schenley Park
Pittsburgh, Pennsylvania 15213

LEVINE, David R.   DRL   LEVINE@RUTGERS-10
Rutgers University   (201) 932-2657
Department of Computer Science RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

LEVINTHAL, Elliott C.   ECL   Network Address Not Known
Stanford University Medical   (415) 497-5813
   Center   SUMEX-AIM
SUMEX Project
Stanford, California 94305

LEVISON, William H.   WHL   LEVISON@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 362
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

LEVY, Saul Y.   SYL   LEVY@RUTGERS-10
Rutgers University   (201) 932-2020
Department of Computer Science RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

LIAAEN, Nils J.   NJL   LIAAEN@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 419
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

LICHTENBERGER, W. Wayne   WWL   LICHTENBERGER@I4-TENEX
University of Hawaii   (808) 948-7490
HAWAII-500 System   HAWAII-500
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

LICKLIDER, J. C. R.   JCRL LICKLIDER@USC-ISI
Advanced Research Projects   (202) 694-5922
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

LICKLIDER, Tracy R.   TRL   TRL@CCA-TENEX
Computer Corporation of America (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

LIDDLE, David E.   DEL   LIDDLE@PARC-MAXC
Xerox Palo Alto Research Center (415) 494-4359 or 4565
3333 Coyote Hill Road   PARC-VTS
Palo Alto, California 94304

LIEB, James M.   JML2 LIEB@SUMEX-AIM
Stanford University Medical   (415) 497-6707
   Center   SUMEX-AIM
SUMEX Project
Stanford, California 94305

LIEBERMAN, Robert N.   RLL   LIEBERMAN@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 ext 4119
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

LIEBERSON, Stan E.   SEL   STANL@USC-ISI
University of California   (213) 825-3255
3804 Boelter Hall   UCLA-ATS
Los Angeles, California 90024

LILLIE, David A.   DL2   DOCB@OFFICE-1
U. S. Department of Commerce   (303) 499-1000 ext 4171
NOAA   DOCB-TIP
325 South Broadway
Boulder, Colorado 80302

LINDAMOOD, George E.   GEL   Network Address Not Known
National Bureau of Standards   (301) 921-3545
Institute for Computer   NBS-ICST
   Sciences and Technology
Washington, D.C. 20234

LINDSAY, Robert   RL3   LINDSAY@SUMEX-AIM
Stanford University   (415) 497-4878
Serra House   SUMEX-AIM
Department of Computer Science
Stanford, California 94305

LINEBARGER, Robert N.   RNL   LINEBARGER@AMES-67
NASA Ames Research Center   (415) 965-6148 or 5014
Computation Division   AMES-TIP
Mail Stop 233-9
Moffett Field, California
   94035

LIPINSKI, Hubert   HL   LIPINSKI@USC-ISI
Institute for the Future   (415) 854-6322
2740 Sand Hill Road   FUTURE
Menlo Park, California 94025

LITTLE, John L.   JLL   Network Address Not Known
National Bureau of Standards   (301) 921-3545
Building 225, Room B264   NBS-ICST
Washington, DC 20234

LIUZZI, Ray A.   RAL   LIUZZI@OFFICE-1
Rome Air Development Center   (315) 330-7011
(ISIM)   RADC-TIP
Griffiss Air Force Base
New York 13441

LLOYD, James B.   JBLL LLOYD@OFFICE-1
Air Force Data Services Center (202) 697-7913
AFDSC/XM   GUNTER
Pentagon
Washington D.C. 20330

LOEPKEY, Charles   CL2   Network Address Not Known
University of California   (805) 961-2261
Computation Center   UCSB-MOD75
Santa Barbara, California
   93106

LOMBARDO, Larry M.   LML   LOMBARDO@OFFICE-1
Rome Air Development Center   (315) 330-2672
(ISIM)   RADC-TIP
Griffiss Air Force Base
New York 13441

LONDON, Ralph L.   RLL2   LONDON@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

LONG, David E.   DEL2   DEL@CCA-TENEX
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

LONG, William J.   WJL   WJL@MIT-DMS
Massachusetts Institute of   (617) 253-6269
   Technology   MIT-DMS
Project MAC
Programming Technology
   Division
545 Technology Square, Room
   217
Cambridge, Massachusetts 02139

LOOFT, Donald J.   DJL   LOOFT@USC-ISI
Advanced Research Projects   (202) 694-3035
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

LORETO, Daniel R.   DRL2   LORETO@OFFICE-1
Rome Air Development Center   (315) 330-2014
Computer Technology Branch   RADC-TIP
   (ISC)
Griffiss AFB, New York 13441

LOVETT, Joan R.   JRL2   LOVETT@BBN-TENEXA
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 600
50 Moulton Street   BBN-TENEXA
Cambridge, Massachusetts 02138

LOW, James R.   JRL   JRL@SU-AI
University of Rochester   (716) 275-5426
Computer Science Department   ROCHESTER
Rochester, New York 14627

LOWE, John J. (Jay)   JJL2   DSDC-SG@OFFICE-1
Air Force Data Systems   (205) 279-4341
   Design Center   GUNTER
AFDSDC/SGX
Gunter AFS
Alabama 36114

LUCAS, Nelson   NL   LUCAS@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

LUCENA, Carlos   CL   Network Address Not Known
University of California   (213) 825-7550
Computer Science Department   UCLA-ATS
3732 Boelter Hall
Los Angeles, California 90024

LUCK, Dennis R.   DRL3   NSA@OFFICE-1
Director, National Security
   Agency   NSA
Fort George G. Meade
Maryland 20755

LUDLAM, H. C. (Neil)   HCL   LUDLAM@UCLA-CCN
University of California   (213) 825-4580
Campus Computing Network   UCLA-CCN
5628 Math Sciences Addition
Los Angeles, California 90024

LUDWIG, June B.   JBL2   LUDWIG@USC-ISI
Advanced Research Projects   (202) 694-5037
   Agency   ARPA-TIP
1400 Wilson Boulevard
Arlington, Virginia 22209

LUKE, Keith K.L.   KKL   ALOHA@USC-ISI
University of Hawaii   (808) 948-7068
The ALOHA System   ALOHA-TIP
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

LUNDH, Yngvar G.   YL   YNGVAR@SRI-AI
Norwegian Defense Research   (02) 71 26 60 ext 364
   Establishment   NORWAY-TIP
P.O. Box 25
2007 Kjeller
NORWAY

LUTKENHOUSE, Joel J.   JJL   LUTKENHOUSE@OFFICE-1
Air Force Data Services Center   (202) 695-3398
AFDSC/GLA   GUNTER
Pentagon
Washington D.C. 20330

LYNCH, Dan C.   DCL   LYNCH@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 2741
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

LYNCH, Steve K.   SKL   LYNCH@UCSB-MOD75
University of California   (805) 961-4045
Computer Center   UCSB-MOD75
Santa Barbara, California
   93106

LYNN, Don   DL3   LYNN@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

LYONS, D. M.   DML UK@USC-ISI
    University of Essex   0206-44144
    Computing Centre   LONDON-TIP
    Wivenhoe Park
    Colchester CO4 3SQ
    Essex ENGLAND

LYONS, Robert E.   REL2 LYONS@USC-ISI
    Defense Communications   (703) 437-2214
        Engineering Center   DCEC
    Code R800
    1860 Wiehle Avenue
    Reston, Virginia 22090

MA, Evelyn   EM4 MA@RUTGERS-10
    Rutgers University   (201) 932-3226
    Department of Computer Science   RUTGERS-10
    Hill Center/Busch Campus
    New Brunswick, New Jersey
        08903

MABREY, Kathey L.   KLM MABREY@OFFICE-1
    Stanford Research Institute   (415) 326-6200 ext 2503
    333 Ravenswood Avenue   SRI
    Menlo Park, California 94025

MACE, David R.   DRM2 UK@USC-ISI
    Thames Polytechnic   01-854-2030
    Systems Analysis Division   LONDON-TIP
    Wellington Street
    Woolwich
    London SE18 6PF
    ENGLAND

MACKAY, John S.   JSM MACKAY@AMES-67
    NASA Ames Research Center
    Computation Division   AMES-TIP
    Mail Stop 233-9
    Moffett Field, California
        94035

MACRAKIS, Stavros M.   SMM MACRAK@MIT-ML
    Massachusetts Institute of   (617) 253-6597
        Technology   MIT-ML
    Project MAC
    Room NE43-800F
    545 Technology Square
    Cambridge, Massachusetts 02139

MADDEN, James M.   JMM MADDEN@USC-ISI
    University of California at   (714) 453-2000 ext 2598
        San Diego   UCSD-CC
    Computer Center
    Box 109
    La Jolla, California 92037

MADDEN, Robert W.   RWM MADDEN@OFFICE-1
    National Security Agency
    Fort George G. Meade   NSA
    Maryland 20755

MADER, Eric R.   ERM2 MADER@BBN-TENEXA
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 595
    50 Moulton Street   BBN-11X BBN-11XB
    Cambridge, Massachusetts 02138

MADRIL, Ernest   EM3 Warren@MIT-MULTICS
    Air Force System Command (ACDO)   (301) 981-6400
    Andrews Air Force Base   AFSC-HDQ
    Washington, D.C. 20334

MAGILL, D. T. (Tom)   DTM MAGILL@SRI-AI
    Stanford Research Institute   (415) 326-6200 ext 2434
    333 Ravenswood Avenue   SRI-NSC11
    Menlo Park, California 94025

MAHLUM, Donald E.   DEM2 MAHLUM@OFFICE-1
    Air Force Data Services Center   (202) 695-2600
    AFDSC/SF   GUNTER
    Pentagon
    Washington D.C. 20330

MAHON, Susan K.   SKM Network Address Not Known
    USAMERDC   (703) 664-5511
    Commanding Officer/USAMERDC   BELVOIR
    STSFB-BC
    Fort Belvoir, Virginia 22060

MAHONEY, Carol Ann   CAM2 MAHONEY@OFFICE-1
    Air Force Data Services Center   (202) 695-3398
    AFDSC/GLA   GUNTER
    Pentagon
    Washington D.C. 20330

MAHONEY, Dennis B.   DBM3 NSA@OFFICE-1
    Director, National Security
        Agency   NSA
    Fort George G. Meade
    Maryland 20755
    Attn: Dennis Mahoney, C03

MAKHOUL, John I.   JM   MAKHOUL@BBN-TENEXD
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 332
    50 Moulton Street   BBN-TENEXD
    Cambridge, Massachusetts 02138

MALCOLM, Nadine   NM3 NMALCOLM@USC-ISIB
    University Of Southern   (213) 822-1511
        California   USC-ISIB
    Information Sciences Institute
    Suite 1100
    4676 Admiralty Way
    Marina Del Rey, California
        90291

MALMAN, Joel H.   JHM2 MALMAN@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 512
    50 Moulton Street   BBN-NCC
    Cambridge, Massachusetts 02138

MALPASS, Don   DM2 MALPASS@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 589
    50 Moulton Street   BBN-NCC
    Cambridge, Massachusetts 02138

MANDELL, Dick   DM3 MANDELL@USC-ISIB
    University of Southern   (213) 822-1511
        California   USC-ISIB
    Information Sciences Institute
    Suite 1100
    4676 Admiralty Way
    Marina Del Rey, California
        90291

MANN, Cliff A.   CAM   ARPA-PM@USC-ISI
  Advanced Research Projects   (202) 694-3506
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

MANN, William C.   WCM   MANN@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

MANN, William F.   WFM   MANN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 587
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

MANNING, Walter H.   WHM   MANNING@USC-ISI
  Range Measurements Laboratory   (305) 494-2211
  Attn: ENL   RML-TIP
  Patrick AFB, Florida 32925

MAPLE, Gerald E.   GEM   GEM@CCA-TENEX
  Computer Corporation of America   (617) 491-3670
  575 Technology Square   CCA-TENEX
  Cambridge, Massachusetts 02139

MARAAS, Nils   NM   NORSAR-TIP@OFFICE-1
  Royal Norwegian Council For   (02) 716915
    Scientific And Industrial   NORSAR-TIP
    Research
  NTNF/NORSAR
  P.O. Box 51
  N2007 Kjeller
  NORWAY

MARCUS, Michael J.   MJM   SDAC@USC-ISI
  Seismic Data Analysis Center   (703) 836-3882
  Alexandria Laboratories   SDAC-TIP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

MARILL, Thomas M.   TMM   TOM@CCA-TENEX
  Computer Corporation of America   (617) 491-3670
  575 Technology Square   CCA-TENEX
  Cambridge, Massachusetts 02139

MARKEL, John D.   JDM   SCRL@USC-ISI
  Speech Communications Research   (805) 965-3011
    Laboratory, Inc.   SCRL-ELF
  800 Miramonte Drive
  Santa Barbara, California
  93109

MAROVAC, N.   NM2   UK@USC-ISI
  Imperial College   01-589-5111 ext 1490
  Electrical Engineering   LONDON-TIP
    Department
  Prince Consort Road
  London SW7
  ENGLAND

MARRAH, Michael L.   MLM   Network Address Not Known
  Tymshare, Inc.   (408) 257-6550 ext 424
  10201 Bubb Road   TYMSHARE-TIP
  Cupertino, California 95014

MARSZALOWICZ, Ray   RM3   MARSZALOWICZ@RUTGERS-10
  Rutgers University   (201) 932-3231
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

MARTIN, Elizabeth A.   EAM   LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 7752
    Technology   LL
  Lincoln Laboratory
  244 Wood Street
  Lexington, Massachusetts
    02173

MARTIN, Gloria Jean   GJM   GLORIA-JEAN@UCLA-CCN
  University of California   (213) 825-7518
  Campus Computing Network   UCLA-CCN
  5628 Math Sciences Addition
  Los Angeles, California 90024

MARTIN, Karolyn J.   KJM   MARTIN@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 2352
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

MARTIN, Reginald E.   REM2 MARTIN@USC-ISI
  University of California   (213) 825-0841
  Psychology Department   UCLA-CCBS
  405 Hilgard Avenue
  Los Angeles, California 90024

MARTIN, Roger J.   RJM2 COMRADE@OFFICE-1
  Naval Ship Research and   (202) 227-1622
    Development Center   NSRDC
  Code 1832
  Bethesda, Maryland 20034

MARTIN, W. A.   WAM2 WAM@MIT-ML
  Massachusetts Institute of   (617) 253-5892
    Technology   MIT-ML
  Project MAC
  Automatic Programming Division
  545 Technology Square
  Cambridge, Massachusetts
    02139

MARTINEZ, Robert L.   BOBM MARTINEZ@OFFICE-1
  Tymshare, Inc.   (408) 257-6550 ext 301
  Data Services Division   TYMSHARE-TIP
  10261 Bubb Road
  Cupertino, California 95014

MASON, Ray   RM5   MASON@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

INDIVIDUALS

MASTERMAN, Margaret   MM5   UK@USC-ISI
Cambridge Language Research   0223-59877
   Unit   LONDON-TIP
20 Millington Road
Cambridge CB3 9HP
ENGLAND

MATHESON, Roderick   RM2   MATHESON@OFFICE-1
Director, National Security
   Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: R. Matheson, C44

MATHEW, Ranjan   RM4   MATHEW@RUTGERS-10
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

MATHIS, James E.   JEM   SU-DSL@USC-ISI
Stanford University   (415) 497-1445
Digital Systems Laboratory   SU-DSL
Stanford, California 94305

MAYHAN, Albert J.   AJM   Network Address Not Known
Air Force Data Systems Design   (205) 279-4444
   Center   GUNTER
Simulation and Analysis
   Branch (SYOA)
Gunter AFS, Alabama 36114

MAYNARD, David S.   DSM   MAYNARD@BBN-TENEXB
Stanford Research Institute   (415) 326-6200 ext 4580
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

MCAFEE, John H.   JHM   MCAFEE@UCSB-MOD75
University of California   (805) 961-3221
Computation Center   UCSB-MOD75
Santa Barbara, California
   93106

MCCAMMON, Michael   MM6   CHI@USC-ISI
Culler-Harrison, Inc.   (805) 968-1064
150-A Aero Camino   CHII
Goleta, California 93017

MCCANDLESS, Stephanie   SM   LINCOLN@BBN-TENEX
Massachusetts Institute of   (617) 862-5500 ext 7221
   Technology   LL
Lincoln Labortory
244 Wood Street
Lexington, Massachusetts
   02173

MCCARTHY, John   JMC   JMC@SU-AI
Stanford University   (415) 497-4430
Artificial Intelligence   SU-AI
   Laboratory
Computer Science Department
Stanford, California 94305

MCCLOGHRIE, Keith   KM   MCCLOGHRIE@OFFICE-1
Director, National Security
   Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Keith McCloghrie, C44

MCCLUSKEY, M. P.   MPM   KIRSTEIN@USC-ISI
University College London   01 387-3421 ext 215
Department of Statistics and   LONDON-TIP
   Computer Science
43 Gordon Square
London WC1H OPD
ENGLAND

MCCOY, Emily B.   EBMC   OWEN@USC-ISI
Teledyne Geotech   (703) 836-3882 ext 255
Alexandria Laboratories   SDAC-TIP
Box 334
Alexandria, Virginia 22313

MCCREIGHT, Edward M.   EMM   McCREIGHT@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4462
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

MCCUNE, Brian P.   BPM2   BPM@SU-AI
Stanford University   (415) 497-4971
Artificial Intelligence   SU-AI
   Laboratory
Computer Science Department
Stanford, California 94305

MCDANIEL, Larry   LM   MCDANIEL@USC-ISI
University of Illinois   (217) 333-8497
Center for Advanced   ILL-CAC
   Computation
Urbana, Illinois 61801

MCDERMOTT, Ruth Ann   RAM2   Network Address Not Known
Range Measurements Laboratory   (305) 494-2762
Attn: ENLD   RML-TIP
Patrick AFB, Florida 32925

MCDONALD, Dave D.   DDM   DDM@MIT-AI
Massachusetts Institute of   (617) 253-6032
   Technology   MIT-AI
Artificial Intelligence
   Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

MCDONALD, Richard L.   RLM   Network Address Not Known
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 571
50 Moulton Street   BBN-NCC
Cambridge, Massachusetts 02138

MCELWAIN, Constance K.   CKM2   LINCOLN@BBN-TENEX
Massachusetts Institute of   (617) 862-5500 ext 447
   Technology   LL-11
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

MCGARY, Tom B.   TBM   McGary@MIT-MULTICS
  Massachusetts Institute of   (617) 253-4107
    Technology   MIT-MULTICS
  MIT-PDO 39-411
  77 Massachusetts Avenue
  Cambridge, Massachusetts 02139

MCGILL, James F.   CHI@USC-ISI
  Culler-Harrison Inc.   (805) 968-1064
  150-A Aero Camino   CHII
  Goleta, Californin 93017

MCGILVARY, John C.   JCM3   NAVIMP@OFFICE-1
  Naval Ship Research and   (203) 442-0771
    Development Center   NSRDC
  Code 1830
  Bethesda, Maryland 20034

MCGINNIS, Adrian C.   ACM   ADRIAN@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 4775
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

MCGINNIS, Roger B.   RBM   AFGWC@BBN-TENEX
  Air Force Global Weather   (402) 294-3071
    Central (MAC)/SA   GWC-TIP
  Offutt Air Force Base
  Nebraska 68113

MCGUIRE, Roderick M.   RMM2   HASKINS@BBN-TENEX
  Haskins Laboratories   (203) 865-6163
  270 Crown Street   HASKINS
  New Haven, Connecticut 06510

MCHALE, Frances A. (Toni)   FAM   MCHALE@BBN-TENEX
  Fleet Numerical Weather Central   (408) 646-2817
  Monterey, California 93940   FNWC-TIP

MCKENZIE, Alex A.   AAM   MCKENZIE@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 441
  50 Moulton Street   BBN-NCC   BBN-TESTIP
  Cambridge, Massachusetts 02138   BBN-1D   NCC-TIP

MCKINLEY, Mac   MM   MCKINLEY@USC-ISIB
  University of Southern   (213) 822-1511 ext 185
    California   ISI-TIP
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

MCLEAN, John B.   JBM2   MCLEAN@OFFICE-1
  Rome Air Development Center   (315) 330-7010
  Software Sciences Section   RADC-TIP
    (ISIS)
  Griffiss AFB, New York 13441

MCLEAN, Peter   NYU@SRI-AI
  New York University
  251 Mercer Street   NYU
  New York, New York 10012

MCLELLAN, Sally   SM2   Network Address Not Known
  University of California at San   (714) 453-2000 ext 1678
    Diego   UCSD-CC
  Computer Center
  Box 109
  La Jolla, California 92037

MCLINDON, Connie K.   CKM   MCLINDON@USC-ISI
  Advanced Research Projects   (202) 694-3506
    Agency   ARPA-DMS
  1400 Wilson Boulevard   ARPA-TIP
  Arlington, Virginia 22209

MCMAHON, Robert J.   RJM   Network Address Not Known
  Argonne National Laboratory   (312) 739-7711 ext 4224
  Applied Mathematics Division   ANL
  9700 South Cass Avenue
  Argonne, Illinois 60439

MCMANAMON, Peter M.   PMM   OT-ITS@SRI-AI
  U.S. Department of Commerce   (303) 499-1000 ext 3570
  OT/ITS   or 4166
  325 Broadway   OT-ITS
  Boulder, Colorado 80302

MCMILLAN, John C.   JC   MCMILLAN@I4-TENEX
  University of Illinois   (217) 333-6114
  Center for Advanced   ILL-CAC
    Computation
  Urbana, Illinois 61801

MCNAMARA, John L.   JLM   MCNAMARA@OFFICE-1
  Rome Air Development Center   (315) 330-3827
    (ISIM)   RADC-TIP
  Griffiss Air Force Base
  New York 13441

MCQUILLAN, John M   JMM2   MCQUILLAN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 465
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

MCWILLIAMS, Eric   EM   Network Address Not Known
  National Science Foundation   (202) 632-5790
  Room 645   NSF
  1800 G. Street, N.W.
  Washington, D.C. 20550

MEALS, L. Kenton   LKM   NAVINFO@OFFICE-1
  Naval Ship Research and   (202) 227-1939
    Development Center   NSRDC
  Code 1842
  Bethesda, Maryland 20084

MEALY, George H.   GHM   MEALY@HARV-10
  Harvard University   (617) 495-3998
  Aiken Computation Laboratory   HARV-10
  33 Oxford Street   HARV-1
  Cambridge, Massachusetts
    02138

MEDRESS, Mark F.   MM2   UNIVAC@BBN-TENEX
  Sperry Univac   (612) 456-2430 or 456-2447
  Univac Park   UNIVAC
  Mail Station UOP16
  P.O. Box 3525
  St. Paul, Minnesota 55165

INDIVIDUALS

MEEKER, Robert J.   RJM3 MARTIN@USC-ISI
  University of California   (213) 825-0841
  Psychology Dept.   UCLA-CCBS
  405 Hilgard Ave.
  Los Angeles, California 90024

MEISKEY, Thomas E.   TEM OWEN@USC-ISI
  Seismic Data Analysis Center   (703) 836-3882 ext 280
  Alexandria Laboratories   SDAC-TIP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

MEISSNER, Paul   PM Network Address Not Known
  National Bureau of Standards   (301) 921-2601
  Institute for Computer   NBS-ICST
    Sciences and Technology
  Washington, D.C. 20234

MEJSTRIK, Norman L.   NLM Network Address Not Known
  Communication Computer   (405) 732-7321 ext 3365
    Programming Center   TINK-418
    L93-DOSP
  Tinker Air Force Base
  Oklahoma City, Oklahoma 73145

MEKETA, James E.   MEKETA@HARV-10
  Harvard University   (617) 495-4118
  Aiken Computation Laboratory   HARV-10
  33 Oxford Street
  Cambridge, Massachusetts
    02138

MELLIS, James G.   JGM2 NAVSEC@OFFICE-1
  Naval Ship Engineering Center   (202) 436-1551
  Code 6102-C   NSRDC
  Prince Georges Center
  Hyattsville, Maryland 20782

MENKE, Baiba   BM COMPASS@BBN-TENEX
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

MENKE, Kasee N.   KNM KNM@SU-AI
  Stanford University   (415) 497-2800 or 4430
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

MERMELSTEIN, Paul M.   PMM2 HASKINS@BBN-TENEX
  Haskins Laboratories   (203) 865-6163
  270 Crown Street   HASKINS
  New Haven, Connecticut 06510

MERRIAM, E. William   EWM2 MERRIAM@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 347
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

MERRYMAN, Robert G.   RGM MERRYMAN@USC-ISI
  University of California at San   (714) 453-2000 ext 2598
    Diego   UCSD-CC
  Computer Center
  Box 109
  La Jolla, California 92037

MESSING, Howard   HM MINSKY@BBN-TENEX
  Rutgers University   (201) 932-2001
  Department of Computer Science   RUTGERS-TIP
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

MESSLER, Pat L.   PLM2 TAO@USC-ISI
  Advanced Research Projects   (202) 694-5917
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

METCALFE, Robert M. (Bob)   RMM METCALFE@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4436
  3333 Coyote Hill Road   PARC-VTS
  Palo Alto, California 94304

METZGER, John P.   JPM METZGER@I4-TENEX
  Institute for Advanced   (408) 735-0635
    Computation   I4-TENEX
  1095 E. Duanne Court
  Sunnyvale, California 94026

METZGER, Laura J.   LJM METZGER@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 3143
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

MEUSHAW, Robert V.   RVM NSA@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Robert Meushaw, S41

MEYER, Burtis W.   BWM MEYER@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4578
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

MEYER, Edwin W.   EWM SDAC@USC-ISI
  Seismic Data Analysis Center   (703) 836-3882
  Alexandria Laboratories   SDAC-DP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

MEYER, N. Dean   NDM MEYER@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 4372
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

MICHAEL, Elizabeth K.   EKM MICHAEL@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 4887
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

MICHEL, Anthony   AXM MICHEL@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 464
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

MICHENER, James C.   JCM   JCM@MIT-DMS
  Massachusetts Institute of   (617) 253-1430
    Technology   MIT-DMS
  Project MAC - Programming
    Technology Division
  545 Technology Square
  Cambridge, Massachusetts 02139

MILKE, Tom P.   TPM   Network Address Not Known
  University of Illinois   (617) 333-0707
  Center for Advanced   ILL-CAC
    Computation
  Urbana, Illinois 61801

MILLER, Duncan C.   DCM   MILLER@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 334
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

MILLER, James R.   JRM2 JMILLER@BBN-TENEXA
  French House   (617) 494-8945
  475 Memorial Drive #413   BBN-TENEXA
  Cambridge, Massachusetts 02139

MILLER, John L.   JLM3 JLMILLER@BBN-TENEX
  Systems Control, Inc.   (415) 494-1165 ext 329
  1801 Page Mill Road   SCI-TENEX
  Palo Alto, California 94304

MILLER, Larry   LM2   LMILLER@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

MILLER, Mark L.   MLM2 MMILLER@BBN-TENEXB
  19 Coral Avenue   (617) 846-5146
  Winthrop, Massachusetts 02152   BBN-TENEXB

MILLER, Perry L.   PLM   LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 7277
    Technology
  Lincoln Laboratory
  36-575
  Cambridge, Massachusetts 02139

MILLER, Stephen W.   SWM   MILLER@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 4331
  333 Ravenswood Avenue   SRI
  Menlo Park, California 94025

MILLSTEIN, Robert E.   REM   MILLSTEIN@BBN-TENEXB
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

MIMNO, Nancy W.   NWM   MIMNO@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 623
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

MINKER, Jack   JM3   Network Address Not Known
  University of Maryland   (301) 454-4245
  Computer Science Center   UMD
  College Park, Maryland 20742

MINSKY, Marvin   MM3   MINSKY@MIT-AI
  Massachusetts Institute of   (617) 253-5864
    Technology   MIT-AI
  Artificial Intelligence
    Laboratory
  545 Technology Square
  Cambridge, Massachusetts 02139

MINSKY, Naftaly H.   NHM   MINSKY@RUTGERS-10
  Rutgers University   (201) 932-2085
  Department of Computer Science RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

MITCHELL, Herbert S.   HSM   MITCHELL@OFFICE-1
  Hq., Army Materiel Command   (202) 274-9140
  Attn: AMCMS-E   BRL
  5001 Eisenhower Ave.
  Alexandria, Virginia 22333

MITCHELL, James G.   JGM   MITCHELL@PARC-MAXC
  Xerox Palo Alto Research Center (415) 494-4456
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

MITCHELL, Jonathan   JM6   NGOODWIN@BBN-TENEX
  The MITRE Corporation   (617) 271-3568
  Box 208   MITRE-TIP
  Bedford, Massachusetts 01730

MITCHELL, Owen R.   ORM   Network Address Not Known
  Purdue University   (317) 493-3362
  School of Electrical   PURDUE
    Engineering
  West Lafayette, Indiana
    47907

MITCHELL, Tom   TM2   MITCHELL@SUMEX-AIM
  Stanford University   (415) 497-4878
  Serra House   SUMEX-AIM
  Department of Computer Science
  Stanford, California 94305

MOBLEY, Bob L.   BLM   RLM@RAND-RCC
  The Rand Corporation   (213) 393-0411 ext 7593
  1700 Main Street   RAND-RCC
  Santa Monica, California 90406

MOCK, Tovar   TVR   TVR@SU-AI
  Stanford University   (415) 497-4971
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

MOLHO, Lee M.   LMM2 LEE@SDC-LAB
  System Development Corporation (213) 829-7511 ext 6170
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

INDIVIDUALS

MONDSHEIN, Lee F.　　　　　LFM　LINCOLN@BBN-TENEX
　Massachusetts Institute of　　　(617) 862-5500 ext 269
　　Technology
　Lincoln Laboratory
　244 Wood Street
　Lexington, Massachusetts
　　02173

MONTGOMERY, Warren A.　　WAM3　Montgomery@MIT-MULTICS
　Massachusetts Institute of　　　(617) 253-6010
　　Technology　　　　　　　　　MIT-MULTICS
　Project MAC
　Computer Systems Research
　　Division
　545 Technology Square
　Cambridge, Massachusetts 02139

MOODY, C. Jane　　　　　　CJM2　Network Address Not Known
　Range Measurements Laboratory　(305) 494-2966
　Attn: ENLD　　　　　　　　　RML-TIP
　Patrick AFB, Florida 32925

MOOERS, Charlotte D.　　　　CDM　MOOERS@BBN-TENEXA
　Bolt Beranek and Newman Inc.　(617) 491-1850 ext 654
　50 Moulton Street　　　　　BBN-TENEXA
　Cambridge, Massachusetts 02138

MOONEY, Irmell Marie　　　　IMM2　MOONEY@OFFICE-1
　Air Force Data Services Center　(202) 695-9147
　AFDSC/XMX　　　　　　　　　GUNTER
　Pentagon, Washington, D.C.
　　20330

MOONEY, Prentis R.　　　　　PRM2　OWEN@USC-ISI
　Seismic Data Analysis Center　(703) 836-3882 ext 288
　Alexandria Laboratories　　　SDAC-TIP
　Teledyne Geotech
　Box 334
　Alexandria, Virginia 22313

MOORE, James　　　　　　　JM8　MOORE@USC-ISIB
　University of Southern　　　　(213) 822-1511
　　California　　　　　　　　USC-ISIB
　Information Sciences Institute
　Suite 1100
　4676 Admiralty Way
　Marina Del Rey, California
　　90291

MOORE, Julie B.　　　　　　JBM　MOORE@BBN-TENEX
　Bolt Beranek and Newman Inc.　(617) 491-1850 ext 651
　50 Moulton Street　　　　　BBN-NCC
　Cambridge, Massachusetts 02138

MOORE, Pat　　　　　　　　PM3　MOORE@RUTGERS-10
　Rutgers University　　　　　(201) 932-2768
　Department of Computer Science　RUTGERS-10
　Hill Center/Busch Campus
　New Brunswick, New Jersey
　　08903

MOORE, R. A.　　　　　　　RAM3　RMOORE@USC-ISI
　Advanced Research Projects　　(202) 694-2885
　　Agency　　　　　　　　　ARPA-TIP
　1400 Wilson Boulevard
　Arlington, Virginia 22209

MOORE, William　　　　　　BM2　WMOORE@USC-ISIB
　University of Southern　　　　(213) 822-1511
　　California　　　　　　　　USC-ISIB
　Information Sciences Institute
　Suite 1100
　4676 Admiralty Way
　Marina Del Rey, California
　　90291

MOORER, James A. (Andy)　　JAM　JAM@SU-AI
　Stanford University　　　　　(415) 497-2674
　Artifical Intelligence　　　　SU-AI
　　Laboratory
　Computation Center
　Stanford, California 94035

MORF, Martin　　　　　　　MM4　ROZ@SU-AI
　Stanford University　　　　　(415) 497-4569
　Information Systems Laboratory　SU-AI
　Durand 105A
　Stanford, California 94305

MORFORD, Ronald A.　　　　RAM　NSA@OFFICE-1
　Director, National Security
　　Agency　　　　　　　　　NSA
　Fort George G. Meade
　Maryland 20755
　Attn:　Ronald Morford, R12

MORGAN, Brad S.　　　　　BSM　MORGAN@UTAH-10
　University of Utah　　　　　(801) 581-8224
　Computer Science Department　UTAH-10
　3160 Merrill Engineering
　　Building
　Salt Lake City, Utah 84112

MORGENSTERN, John C.　　　JCM2　Network Address Not Known
　MITRE Corporation　　　　　(617) 271-2551
　P.O. Box 208　　　　　　　MITRE-TIP
　Bedford, Massachusetts 01730

MORIYASU, Jeanne H.　　　　JHM4　ALOHA@USC-ISI
　University of Hawaii　　　　　(808) 948-7490
　The ALOHA System　　　　　HAWAII-ALOHA
　2540 Dole Street, Holmes 486
　Honolulu, Hawaii 96822

MORRIS, James A.　　　　　JAM3　MORRIS@PARC-MAXC
　Xerox Palo Alto Research Center　(415) 494-4415
　3333 Coyote Hill Road　　　PARC-MAXC
　Palo Alto, California 94304

MORRIS, Martin G.　　　　　MGM　MGM@CCA-TENEX
　Institute for Advanced　　　　(408) 735-0635 ext 289
　　Computation　　　　　　　CCA-TENEX
　1095 Duane Avenue
　Sunnyvale, California 94086

MORRISON, Ernest L.　　　　ELM　OT-ITS@SRI-AI
　U.S. Department of Commerce　(303) 499-1000 ext 4473
　OT/ITS　　　　　　　　　　　or 3634
　325 Broadway　　　　　　　OT-ITS
　Boulder, Colorado 80302

MORRISON, Jerry H.   JHM3   JHM@MIT-DMS
  Massachusetts Institute of   (415) 327-9333 ext 329
    Technology   MIT-DMS
  Project MAC
  Programming and Technology
    Division
  545 Technology Square
  Cambridge, Massachusetts 02139

MORTENSON, Robert E.   RBTM   MORTENSON@OFFICE-1
  Directorate of Maintenance   (202) 697-6613
    Engineering and Supply   GUNTER
  AF/LGYPM
  Pentagon
  Washington D.C. 20330

MOSES, Joel   JM2   JM@MIT-ML
  Massachusetts Institute of   (617) 253-5892
    Technology   MIT-ML
  Project MAC
  Mathlab Group
  545 Technology Square
  Cambridge, Massachusetts 02139

MOUTON, Kate M.   KMM   MOUTON@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4618
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

MULLEN, John R.   JRM   JRM@MIT-MULTICS
  University of Illinois   (217) 333-4682
  Center for Advanced   ILL-CAC
    Computation
  120 Advanced Computation Bldg.
  Urbana, Illinois 61801

MUMAUGH, Dennis L.   DLM2   MUMAUGH@OFFICE-1
  Director National Security
    Agency   NSA
  Ft. George G. Meade
  Maryland
  Attn: Dennis Mumaugh, R253

MUNTZ, Charles A.   CAM3   MUNTZ@BBN-TENEXB
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

MUNTZ, Richard R.   RRM   MUNTZ;BIN(1200)@UCLA-CCN
  University of California   (213) 825-3546
  3732 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

MURPHY, Paul E.   PEM   MURPHY@RUTGERS-10
  Rutgers University   (201) 932-2396
  Department of Computer Science   RUTGERS-TIP
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

MURRAY, Hallam G.   HGM   HGM@CCA-TENEX
  Computer Corporation of America   (617) 491-3670
  575 Technology Square   CCA-TENEX
  Cambridge, Massachusetts 02139

MUSSER, David   DM4   MUSSER@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

MYER, T. H.   THM   MYER@BBN-TENEXA
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 329
  50 Moulton Street   BBN-TENEXA
  Cambridge, Massachusetts 02138

MYERS, Gilbert B.   GBM   NAVMINI@OFFICE-1
  Naval Electronics Laboratory   (714) 225-7044 or AV
    Center   933-7044
  217 Catalina Blvd. Code 5500   NSRDC
  San Diego, California 92152

MYERS, William P.   BPM   Network Address Not Known
  The Rand Corporation   (213) 393-0411 ext 638
  1700 Main Street   RAND-RCC
  Santa Monica, California 90406

MYSZEWSKI, Mathew J.   MJM3   COMPASS@BBN-TENEX
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

NABIELSKY, Jose   JN3   Network Address Not Known
  University Of Rochester
  Department of Computer Science   ROCHESTER
  Rochester, New York 14627

NAGAO, Makoto   MN   Network Address Not Known
  Kyoto University
  Electrical Engineering   KYOTO
    Department
  Sakyo, Kyoto
  JAPAN

NASH-WEBBER, Bonnie   BN2   WEBBER@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 227
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

NATOLI, Frank J.   FJN   Network Address Not Known
  Applied Data Research, Inc.   (609) 921-8550
  Route 206   ADR
  Research Park Center
  Princeton, New Jersey 08546

NAYLOR, William E.   WEN   NAYLOR@USC-ISI
  University of California   (213) 825-4864 or 825-2368
  3804-D Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

NEELY, Richard B.   RBN   NEELY@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4327
  3333 Coyote Hill Road   PARC-11
  Palo Alto, California 94304

NEIGUS, Nancy J.   NJN   NEIGUS@BBN-TENEX
 Bolt Beranek and Newman Inc.   (617) 491-1850 ext 511
 50 Moulton Street   BBN-NCC
 Cambridge, Massachusetts 02138   BBN-SAT

NEILSON, Peter A.   PAN2 NEILSON@BBN-TENEX
 Massachusetts Institute of   (617) 253-7875
   Technology   LL-ASG
 Lincoln Laboratory
 Applied Seismology Group
 42 Carleton Street
 Cambridge, Massachusetts 02142

NELSON, David B.   DBN   NSA@OFFICE-1
 Director, National Security
   Agency   NSA
 Fort George G. Meade
 Maryland 20755
 Attn: David Nelson, C12

NELSON, Lou C.   LCN   LOU@USC-ISI
 University of California   (213) 825-2368
 3531 Boelter Hall   UCLA-ATS
 Los Angeles, California 90024

NELSON, Richard   RN2   NELSON@OFFICE-1
 Rome Air Development Center   (315) 330-3851
 Software Sciences Section   RADC-TIP
   (ISIS)
 Griffiss AFB, New York 13441

NEMETH, Alan G.   AGN   LINCOLN@BBN-TENEX
 Massachusetts Institute of   (617) 862-5500 ext 7354
   Technology   LL-11
 Lincoln Laboratory
 P. O. Box 73
 Lexington, Massachusetts 02173

NESBIT, Irene S.   ISN   Network Address Not Known
 The Rand Corporation   (213) 393-0411 ext 7810
 1700 Main Street   RAND-RCC
 Santa Monica, California 90406

NEUER, Paul   PN   NEUER@RUTGERS-10
 Rutgers University   (201) 932-2396
 Department of Computer Science   RUTGERS-10
 Hill CenterBusch Campus
 New Brunswick, New Jersey
   08903

NEUMANN, Albrecht J.   AJN   Network Address Not Known
 National Bureau of Standards   (301) 921-3491
 Institute for Computer   NBS-ICST
   Sciences and Technology
 Washington, D.C. 20234

NEUMANN, Peter G.   PGN   NEUMANN@SRI-AI
 Stanford Research Institute   (415) 326-6200 ext 2375
 333 Ravenswood Avenue   SRI
 Menlo Park, California 94025

NEVATIA, Ram   RN   RKN@SU-AI
 Stanford University   (415) 497-4971
 Artificial Intelligence   SU-AI
   Laboratory
 Computer Science Department
 Stanford, California 94305

NEWBY, Harold D.   HDN   NEWBY@USC-ISI
 Range Measurements Laboratory   (305) 494-2966
 Attn: ENLI   RML-TIP
 Patrick AFB, Florida 32925

NEWELL, Allen   AN   NEWELL@CMU-10A
 Carnegie-Mellon University   (412) 621-2600 ext 562
 Computer Center   CMU-10A
 Schenley Park
 Pittsburgh, Pennsylvania 15213

NEWELL, Martin E.   MEN   NEWELL@UTAH-10
 University of Utah   (801) 581-8224
 Computer Science Department   UTAH-10
 3160 Merrill Engineering
   Building
 Salt Lake City, Utah 84112

NEWPORT, Christopher B.   CBN   NEWPORT@BBN-TENEX
 Telenet Communications, Inc.   (202) 785-8444
 1666 K st. NW   TELENET-W
 Washington, D.C. 20006

NICHOLAS, Barbara A.   BAN   Network Address Not Known
 Systems Control, Inc.   (415) 327-9333 ext 318
 1801 Page Mill Road   SCI-TENEX
 Palo Alto, California 94304

NICHOLS, Monte C.   MCN   Network Address Not Known
 Sandia Laboratories   (415) 455-2906
 Livermore, California 94550   LLL-RISOS

NICKERSON, Raymond S.   RSN   NICKERSON@BBN-TENEX
 Bolt Beranek and Newman Inc.   (617) 491-1850 ext 333
 50 Moulton Street   BBN-TENEX
 Cambridge, Massachusetts 02138

NIEDENFUHR, F. W.   FWN   NIEDENFUHR@USC-ISI
 Advanced Research Projects   (202) 694-1139
   Agency   ARPA-TIP
 1400 Wilson Boulevard
 Arlington, Virginia 22209

NIELSEN, Norman R.   NRN   Network Address Not Known
 Stanford Research Institute   (415) 326-6200 ext 2856
 333 Ravenswood Avenue   SRI
 Menlo Park, California 94025

NIELSEN, Peter C.   PCN   NIELSEN@UCLA-CCN
 University of California   (213) 825-2921
 5628 Math Sciences Addition   UCLA-CCN
 Campus Computing Network
 Los Angeles, California 90024

NIHALANI, Mohan   MN2   Network Address Not Known
 New York University
 251 Mercer Street   NYU
 New York, New York 10012

NII, Penny H.   PHN   NII@BBN-TENEX
 Systems Control, Inc.   (415) 494-1165 ext 337
 1801 Page Mill Road   SCI-TENEX
 Palo Alto, California 94304

NIKOLAI, Paul J.   PJN   Network Address Not Known
  Applied Mathematics Research   (513) 255-3500
    Laboratory   WPAFB
  Aerospace Research
    Laboratories
  Bldg. 450, Area B
  Wright-Patterson AFB, Ohio
    45433

NILSSON, Nils J.   NJN2 NILSSON@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2311
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

NITZAN, David   DN   NITZAN@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2575
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

NOBLE, Barbara   BN   NOBLE@UCLA-CCN
  University of California   213) 825-7438
  5628 Math Sciences Addition   UCLA-CCN
  Campus Computing Network
  Los Angeles, California 90024

NOEL, J. Gregory   JGN   NELC@USC-ISIB
  NAval Electronics Laboratory   (714) 225-7287
    Center   OFFICE-1
  Advanced Software Division
  Code 6200
  San Diego, California 92152

NOGA, S. P.   SPN   NOGA@OFFICE-1
  Director, National Security   (301) 688-6781
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: S.P. Noga, R25

NORMAN, Donald A.   DAN   NORMAN@PARC-MAXC
  University of California, San   (714) 452-2947
    Diego   PARC-MAXC
  Department of Psychology
  La Jolla, California 92037

NORRIS, Garrett A.   GAN   Network Address Not Known
  Directorate of Maintenance   (202) 697-6613
    Engineering and Supply   GUNTER
  AF/LGYPM
  Pentagon
  Washington, D.C. 20330

NORTON, James C.   JCN   NORTON@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 2124
  Augmentation Research Center   Home: (415)
  333 Ravenswood Avenue   851-0589
  Menlo Park, California 94025   OFFICE-1

O'BRIEN, Mary F.   MFO   Network Address Not Known
  Massachusetts Institute of   (617) 253-7867
    Technology   LL-ANTS
  Lincoln Laboratory
  Seismic Discrimination Group
  42 Carleton Street
  Cambridge,Massachusetts 02142

O'BRIEN, R. S.   RSO   Network Address Not Known
  Cabledata Associates, Inc.   (415) 328-2411
  701 Welch Road   CAI
  Palo Alto, California 94304

O'KEEFE, Pat Whiting   PWO   O'KEEFE@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 4547
  333 Ravenswood Avenue   SRI
  Menlo Park, California 94025

O'MALLEY, Michael   MOM   OMALLEY@BBN-TENEX
  University of California   (415) 642-4624
  Computer Science Division   UCB
  Room 583, Evans Hall
  Berkeley, California 94720

O'NEIL, Harry   HO2   O'NEIL@USC-ISI
  Advanced Research Projects   (202) 694-1303
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

O'SULLIVAN, Thomas   TO   O'SULLIVAN@USC-ISI
  Advanced Research Projects   (202) 694-4001
    Agency   ARPA-TIP
  ARPA-HRRO Room 745
  1400 Wilson Blvd.
  Arlington, Virginia 22209

OCHOA, Rene C.   RCO   OCHOA@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 4234
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

OESTREICHER, Donald R.   DRO   OESTREICHER@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

OGDEN, Stewart   SO   OGDEN@UTAH-10
  University of Utah   (801) 581-6895
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

OIZUMI, Juro   JO   Network Address Not Known
  Tohoku University
  Research Center for Applied   HAWAII-ALOHA
    Information Sciences
  2-1-1, Katahira
  Sendai 980 JAPAN

OKANO, Rodney E. K.   REKO ALOHA@USC-ISI
  University of Hawaii   (808) 948-7490
  THE ALOHA SYSTEM   HAWAII-ALOHA
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

INDIVIDUALS

OKINAKA, Alan K.   AKO   OKINAKA@USC-ISI
   University of Hawaii   (808) 948-7490
   The ALOHA System   HAWAII-ALOHA
   2540 Dole Street, Holmes 486
   Honolulu, Hawaii 96822

OLNEY, John C.   JCO   OLNEY@SDC-LAB
   System Development Corporation   (213) 829-7511 ext 7524
   2500 Colorado Avenue   SDC-LAB
   Santa Monica, California 90406

OLSON, Alan   AO2   OLSON@I4-TENEX
   Institute for Advanced   (408) 735-0635
      Computation   I4-TENEX
   1095 E. Duane Court
   Sunnyvale, California 94086

OPDERBECK, Holger   HO   OPDERBECK@SRI-AI
   University of California   (215) 825-7879 or 2368
   3532 Boelter Hall   UCLA-ATS
   Los Angeles, California 90024

ORGASS, Richard J.   RJO   Orgass.CNET@MIT-MULTICS
   Rutgers University   (201) 932-2006
   Department of Computer Science   RUTGERS-TIP
   Hill Center/Busch Campus
   New Brunswick, New Jersey
      08903

ORNSTEIN, Severo M.   SMO   ORNSTEIN@BBN-TENEX
   Bolt Beranek and Newman Inc.   (617) 491-1850 ext 498
   50 Moulton Street   BBN-NCC
   Cambridge, Massachusetts 02138

ORSINI, N. A.   NAO   ORSINI@USC-ISI
   Advanced Research Projects   (202) 694-3145
      Agency   ARPA-TIP
   1400 Wilson Boulevard
   Arlington, Virginia 22209

ORTON, Stephen L.   SLO   AFDAA-XO@OFFICE-1
   Air Force Data Automation   (205) 279-4940
      Agency/XO   GUNTER
   Gunter AFS, Alabama 36114

OSBORNE, Peter C.   PCO   Network Address Not Known
   U.S. Army War College   (717) 245-4633
   Carlisle Barracks   USAWARC
   Pennsylvania 17013

OWEN, A. D. (Buz)   ADO   SDAC@USC-ISI
   Seismic Data Analysis Center   (703) 836-3882 ext 285
   Alexandria Laboratories   SDAC-NEP
   Teledyne Geotech
   Box 334
   Alexandria, Virginia 22313

PADLIPSKY, Michael A.   MAP   MAP@MIT-MULTICS
   MITRE Corporation   (703) 790-6375
   1820 Dolley Madison Blvd.   MITRE-TIP
   Westgate Research Park
   McLean, Virginia 22101

PALYKA, Duane M.   DMP   PALYKA@UTAH-10
   University of Utah   (801) 581-8224
   Computer Science Department   UTAH-10
   3160 Merrill Engineering
      Building
   Salt Lake City, Utah 84112

PANARA, Roger B.   RBP   PANARA@OFFICE-1
   Rome Air Development Center   (315) 330-3857
      (ISIM)   RADC-TIP
   Griffiss Air Force Base
   New York 13441

PANKO, Raymond R.   RA3Y PANKO@OFFICE-1
   Stanford Research Institute   (415) 326-6200 ext 4213
   Augmentation Research Center   SRI-ARC
   333 Ravenswood Avenue
   Menlo Park, California 94025

PANOFSKY, Ted   TP   TED@SU-AI
   Stanford University   (415) 497-4971
   Artificial Intelligence Center   SU-AI
   Computer Science Department
   Stanford, California 94305

PANTALONE, Lorraine G.   LGP   LGP@MIT-DMS
   Massachusetts Institute of   (617) 253-7705
      Technology   MIT-DMS
   Project MAC
   Programming Technology Division
   545 Technology Square, Rm 218
   Cambridge, Massachusetts 02139

PAPERT, Seymour A.   SAP   PAPERT@MIT-AI
   Massachusetts Institute of   (617) 253-6215
      Technology   MIT-AI
   Artificial Intelligence
      Laboratory
   545 Technology Square
   Cambridge, Massachusetts 02139

PARDO, Linda F.   LFP   DSDC-SYD@OFFICE-1
   Air Force Data Systems Design   (205) 279-4467
      Center   GUNTER
      (BLD 310)
   Standards and Technology
      Division (SYD)
   Gunter AFS, Alabama 36114

PARISI, Claire M.   CMP   PARISI@USC-ISI
   Advanced Research Projects   (202) 694-1139
      Agency   ARPA-TIP
   1400 Wilson Boulevard
   Arlington, Virginia 22209

PARK, William T.   WTP   PARK@SRI-AI
   Stanford Research Institute   (415) 326-6200 ext 2233
   Artificial Intelligence Center   SRI-AI
   333 Ravenswood Avenue
   Menlo Park, California 94025

PARKER, Robert H.   RHP2 PARKER@USC-ISI
   University of Southern   (213) 822-1511
      California   USC-ISI
   Information Sciences Institute
   4676 Admiralty Way
   Marina Del Rey, California
      90291

PARKER, Ronald G.   RGP2   Network Address Not Known
U.S. Army War College   (717) 245-3804
Box 360 Carlisle Barracks   USAWARC
Pennsylvania 17013

PATTERSON, Katie   KP2   PATTERSON@USC-ISIB
University of Southern   (213) 822-1511
   California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
   90291

PATTERSON, William W.   WWP2   PATTERSON@OFFICE-1
Hq., Air Force Systems   (301) 981-2364
   Command/DLCEC   RADC-TIP
Andrews AFB, Maryland   20334

PATTILLO, Cynthia F.   CFP   DSDC-PR@OFFICE-1
Air Force Data Systems Design   (205) 279-4168
   Center   GUNTER
(BLD 205)
Directorate of Programs and
   Resources
Gunter AFS, Alabama 36114

PAUKER, Stephen G.   SGP   SGP@MIT-ML
New England Medical Center   (617) 482-2800 ext 2654
171 Harrison Ave.   MIT-ML
Boston, Massachusetts 02111

PAUL, Richard L. (Lou)   RLP   PAUL@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4576
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

PAULL, Charlene   CP2   PAULL@RUTGERS-10
Rutgers University   (201) 932-3548
Department of Computer Science   RUTGERS-10
Hill Cente/Busch Campus
New Brunswick, New Jersey
   08903

PAULL, Marvin C.   MCP   PAULL@RUTGERS-10
Rutgers University   (201) 932-3548
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
   08903

PAXTON, William H.   WHP   PAXTON@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4111
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

PAYNE, Adrienne M.   AMP   PAYNE@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4406
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

PAYNE, Judd A.   JAP   OT-ITS@SRI-AI
U.S. Department of Commerce   (303) 499-1000 ext 3200
OT/ITS   or 4166
325 Broadway   OT/ITS
Boulder, Colorado 80302

PEARCE, Charles   CP4   PEARCE@USC-ISI
Range Measurements Laboratory   (305) 494-2762
Attn: ENLD   RML-TIP
Patrick AFB, Florida 32925

PEARLMAN, Joel   JP5   NSA@OFFICE-1
Director, National Security
   Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Joel Pearlman, R13

PEDUEL, Yuval   YP   PEDUEL@OFFICE-1
Massachusetts Institute of   (617) 253-7860
   Technology   LL
Lincoln Laboratory
Group 22
42 Carleton Street
Cambridge, Massachusetts 02138

PEELER, Roberta J.   RJP   Network Address Not Known
University of California   (213) 825-0841
Center for Computer-based   UCLA-CCBS
   Behavioral Studies
405 Hilgard Avenue
Los Angeles, California 90024

PEPIN, James M.   JMP   PEPIN@USC-ECL
University of Southern   (213) 746-5520
   California   USC-44 USC-ECL
School of Engineering   USC-TIP
Room 314, Powell Hall of
   Information Sciences
Los Angeles, California 90007

PERLINGIERO, Clara   CP3   PERLINGIERO@BBN-TENEX
NAVCOSSACT Code 90   (202) 433-4205
Building 196 WNY   BBN-TENEX
Washington, D.C. 20374

PETELL, Marcelle D.   MDP   PETELL@OFFICE-1
Rome Air Development Center   (315) 330-3827
(ISIM)   RADC-TIP
Griffiss Air Force Base
New York 13441

PETERS, Jeffrey C.   JCP   PETERS@OFFICE-1
Stanford Research Institute   (415) 326-6200 ext 3716
Augmentation Research Center   SRI-ARC
333 Ravenswood Avenue
Menlo Park, California 94025

PETERSON, H. Phillip   HPP   HPP@CCA-TENEX
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

PETERSON, Jon   JP6   PETERSON@USC-ISI
Albuquerque Seismological   (505) 264-4637
   Laboratory   ASL
Kirtland Air Force Base East
Bldg 10002
Albuquerque, New Mexico 09244

PETERSON, Kate A.   KAP2   PETERSON@BBN-TENEX
The Mitre Corporation   (617) 271-3280
P.O. Box 208   MITRE-TIP
Bedford, Massachusetts 01730

PETREGAL, George N.   GNP USAFETAC-SY@USC-ISI
  USAF-ETAC   (202) 433-3911 or
  Building 159   433-3912
  Navy Yard Annex   ETAC-TIP
  Washington, DC 20333

PFEFFERKORN, Charles   CP CHARLIE@I4-TENEX
  Institute for Advanced   (408) 735-0635
    Computation   I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

PFENNIG, Cathy E.   CEP UCLA-DOC@USC-ISI
  University of California   (213) 825-2368
  3531 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

PHILLIPPS, Janice B.   JBP2 Phillipps@MIT-MULTICS
  Massachusetts Institute of   (617) 253-4101
    Technology   MIT-MULTICS
  MIT-PDO 39-523
  77 Massachusetts Avenue
  Cambridge, Massachusetts 02139

PHILLIPS, L. D.
  Brunel University   UK@USC-ISI
  Decision Analysis Unit   Uxbridge 30034
  Institute of Organisation and LONDON
    Social Studies
  Kingston Lane
  Uxbridge, Middlesex
  ENGLAND

PHONG, Bui-Tuong   BPT PHONG@UTAH-10
  Stanford University   (415) 497-1263
  Electronics Research   SU-DSL
    Laboratory 228
  Stanford Electronics Laboratories
  Stanford, California 94305

PICKENS, John R.   JRP PICKENS@UCSB
  University of California   (805) 961-3221
  Computation Center   UCSB-MOD75
  Santa Barbara, California
    93106

PICKER, Dennis J.   DJP PICKER@BBN-TENEX
  Bolt Beranek and Newman Inc. (617) 491-1850 ext 406
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

PIERSON, Charles R.   CRP PIERSON@CMU-10A
  Carnegie-Mellon University   (412) 621-2600 ext 130
  Carnegie Multi-Mini Project CMU-11
  Schenley Park
  Pittsburgh, Pennsylvania 15213

PINTAR, Douglas   DP DLP@SDC-LAB
  System Development Corporation (213) 829-7511 ext 7218
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

PIPES, Jerry   JP PIPES@I4-TENEX
  Institute for Advanced   (415) 965-6016
    Computation   I4-TENEX
  NASA Ames Research Center   I4B-TENEX
  Moffett Field, California
  95035

PIRTLE, David   DP2 PIRTLE@SRI-AI
  Stanford Research Institute (415) 326-6200 ext 4138
  Artificial Intelligence Center SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

PIRTLE, M. W.   MWP PIRTLE@I4-TENEX
  Institute for Advanced   (408) 735-0635
    Computation   I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

PITKIN, Sue   SP SBP@MIT-DMS
  Massachusetts Institute of   (617) 253-1458
    Technology   MIT-DMS
  Project MAC
  Programming Technology Division
  545 Technology Square
  Cambridge, Massachusetts 02139

PLACKO, Michael A.   MAP2 PLACKO@OFFICE-1
  Stanford Research Institute (415) 326-6200 ext 4965
  Packet Radio Group   SRI-PKT11
  333 Ravenswood Avenue
  Menlo Park, California 94025

PLOGER, Bob   BP PLOGER@UCSB-MOD75
  University of California at   (805) 961-3975
    Santa Barbara   UCSB-MOD75
  Physics and Electronics Shop
  Santa Barbara, California
    93106

PLUMMER, William W.   WWP PLUMMER@BBN-TENEXA
  Bolt Beranek and Newman Inc. (617) 491-1850 ext 234
  50 Moulton Street   BBN-TENEXA
  Cambridge, Massachusetts 02138

POGRAN, Kenneth T.   KTP Pogran@MIT-MULTICS
  Massachusetts Institute of   (617) 253-6012
    Technology   MIT-MULTICS
  Project MAC
  Computer Systems Research
    Division
  545 Technology Square
  Cambridge, Massachusetts 02139

POH, Susan S.   SSP POH@USC-ISI
  MITRE Corporation   (703) 790-6721
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

POLLACK, Edward E.   EEP POLLACK@OFFICE-1
  Tymshare, Inc.   (408) 257-6550 ext 362
  Data Services Division   TYMSHARE-TIP
  10231 Bubb Road
  Cupertino, California 95014

POOL, James C. T.   POOL@BBN-TENEX
  Argonne National Laboratory (312) 739-7711 ext 4207
  Applied Mathematics Division ANL
  Argonne, Illinois 60439

POPA, James H.   JHP   NSA@OFFICE-1
   Director, National Security
   Agency   NSA
   Fort George G. Meade
   Maryland 20755
   Attn: James Popa, C41

POPEK, Gerald J.   GJP   POPEK@USC-ISI
   University of California   (213) 825-2971
   3532 Boelter Hall   UCLA-ATS
   Los Angeles, California 90024

POSTEL, Jonathan B.   JBP   POSTEL@BBN-TENEXB
   Stanford Research Institute   (415) 326-6200 ext 3718
   Augmentation Research Center   SRI-ARC
   333 Ravenswood Avenue
   Menlo Park, California 94025

POTTER, David A.   DAP   POTTER@OFFICE-1
   Educational Testing Service   (609) 921-9000 ext 2522
   Rosedale Road   ETS
   Princeton, New Jersey 08540

POUZIN, Louis   LP   Network Address Not Known
   Reseau Cyclades   954-90-20
   Institut de Recherches   CYCLADES
       d'Informatique et
       d'Automatique (IRIA)
   78150 ROCQUENCOURT
   FRANCE

PRATT, Vaughn   VP   PRATT@MIT-AI
   Massachusetts Institute of   (617) 253-5876
   Technology   MIT-AI
   Artificial Intelligence
   Laboratory
   545 Technology Square
   Cambridge, Massachusetts 02139

PRATT, William K.   WKP   PRATT@USC-ISI
   University of Southern   (213) 746-2694
   California   USC-ECL
   Olin Hall 330H - University
   Park
   Los Angeles, California 90007

PRESBERG, David L.   DLP   COMPASS@BBN-TENEX
   Massachusetts Computer   (617) 245-9540
       Associates, Inc.   MCA
   26 Princess Street
   Wakefield, Massachusetts 01880

PRICE, Douglas R.   DRP   NSA@OFFICE-1
   Director, National Security
   Agency   NSA
   Fort George G. Meade
   Maryland 20755
   Attn: Douglas Price, S46

PRICE, W. L.   WLP   Network Address Not Known
   National Physical Laboratory   01-977-3222
   Computer Science Division   NPL
   Teddington, Middlesex
   ENGLAND

PROCH, Terry H.   THP   PROCH@OFFICE-1
   Director, National Security   (301) 688-6283
   Agency   NSA
   Fort George G. Meade
   Maryland 20755
   Attn: Terry Proch, C5

PRUITT, Nancy J.   NP2   PRUITT@USC-ISI
   Advanced Research Projects   (202) 694-5051
   Agency   ARPA-TIP
   1400 Wilson Boulevard
   Arlington, Virginia 22209

PULLEN, Keats A.   KAP   PULLEN@OFFICE-1
   U.S. Army Ballistic Research   (301) 278-3774
   Laboratories   BRL
   Attn: AMXBR-VL
   Aberdeen Proving Ground,
   Maryland 21005

PURCELL, P.   UK@USC-ISI
   Royal College of Art   01-584-5020
   Department of Design Research   LONDON
   Kensington, Gore
   London SW7, ENGLAND

PYKE, Thomas N.   TNP   NBS-TIP@OFFICE-1
   National Bureau of Standards   (301) 921-3436
   Institute for Computer   NBS-ICST
      Sciences and Technology
   Washington, D.C. 20234

QUIRK, T.   UK@USC-ISI
   Oxford University   Oxford 59911
   Department of Nuclear Physics   LONDON
   Keble Road
   Oxford, ENGLAND

QUONG, Carl   CQ   Network Address Not Known
   Lawrence Berkeley Laboratory   (415) 843-2740 ext 6330
   Building 50A, Room 1143   LBL
   Berkeley, California 94720

RABINOW, Clare L.   CLR2 CLR@CCA-TENEX
   Computer Corporation of America   (617) 491-3670
   575 Technology Square   CCA-TENEX
   Cambridge, Massachusetts 02139

RADFORD, Peter R.   PRR   Network Address Not Known
   Logica Limited
   31-36 Foley Street   LOGICA
   London W1
   ENGLAND

RAICHELSON, Eugene   GR   RAICHELSON@USC-ISI
   The MITRE Corporation   (703) 790-6323
   1820 Dolley Madison Blvd.   MITRE-TIP
   Westgate Research Park
   McLean, Virginia 22101

RAJANI, Percy   PR   RAJANI@RUTGERS-10
   Rutgers University   (201) 932-2001
   Department of Computer Science   RUTGERS-10
   Hill Center/Busch Campus
   New Brunswick, New Jersey
      08903

INDIVIDUALS

RALLS, Audrey A. AAR ISDS@OFFICE-1
  Naval Ship Research and
    Development Center NSRDC
  Code 1851
  Bethesda, Maryland 20034

RANDALL, Betty BR3 RANDALL@USC-ISIB
  University of Southern (213) 822-1511
    California USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

RANDALL, George E. GER RANDALL@UTAH-10
  University of Utah (801) 581-6678
  Computer Science Department UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

RAO, Guru GR2 Network Address Not Known
  Stanford University
  Digital Systems Laboratory SU-DSL
  Stanford, California 94305

RAPHAEL, Bertram BR RAPHAEL@SRI-AI
  Stanford Research Institute (415) 326-6200 ext 4122
  Artificial Intelligence Group SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

RAPP, Bob RAPP RAPP@RAND-RCC
  The Rand Corporation (213) 393-0411 ext 638
  1700 Main Street RAND-RCC
  Santa Monica, California 90406

RATNER, Robert S. RSR RATNER@OFFICE-1
  Stanford Research Institute (415) 326-6200 ext 2721
  Augmentation Research Center SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

RATTNER, Martin MR2 RATTNER@SRI-AI
  Stanford Research Institute (415) 326-6200 ext 4646
  Artificial Intelligence Center SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

RAVELING, Paul K. PKR RAVELING@USC-ISIB
  University of Southern (213) 822-1511 ext 192
    California ISI-SPEECH11
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

REDDY, D. Raj DRR REDDY@CMU-10B
  Carnegie-Mellon University (412) 621-2600 ext 149
  Computer Science Department CMU-10A
  Schenley Park
  Pittsburgh, Pennsylvania 15213

REDELL, David D. DDR Redell@MIT-MULTICS
  Massachusetts Institute of (617) 253-6021
    Technology MIT-MULTICS
  Project MAC
  Computer Systems Research
    Division
  545 Technology Square
  Cambridge, Massachusetts 02139

REED, David Patrick DPR Reed@MIT-MULTICS
  Massachusetts Institute of (617) 253-6004
    Technology MIT-MULTICS
  Project MAC
  Computer Systems Research
    Division
  545 Technology Square
  Cambridge, Massachusetts 02139

REESE, Milton H. MHR FNWC@BBN-TENEX
  Fleet Numerical Weather Central (408) 646-2817
  Monterey, California 93940 FNWC-TIP FNWC

REEVE, Christopher L. CLR CLR@MIT-DMS
  Massachusetts Institute of (617) 253-1439
    Technology MIT-DMS
  Project MAC
  Programming Technology Division
  545 Technology Square
  Cambridge, Massachusetts 02139

REID, Joseph B. JBR2 Network Address Not Known
  Universite du Quebec (418) 657-2323
  2875 Boul. Laurier UQSS
  Ste-Foy, Quebec 10,
  CANADA

REILLY, Judy JR WARSHALL@BBN-TENEXB
  Massachusetts Computer (617) 245-9540
    Associates, Inc. MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

REINS, E. R. (Dick) ERR REINS@BBN-TENEX
  Fleet Numerical Weather Central (408) 646-2681
  Monterey, California 93940 FNWC-TIP

REISS, Steven P. SPR REISS@SUMEX-AIM
  Stanford University Medical (415) 321-2300 ext 4878
    Center SUMEX-AIM
  SUMEX Project
  Stanford, California 94305

RETTBERG, Randy D. RDR RETTBERG@BBN-TENEX
  Bolt Beranek and Newman Inc. (617) 491-1850 ext 538
  50 Moulton Street BBN-NCC
  Cambridge, Massachusetts 02138

RETZ, David L. DLR RETZ@USC-ISI
  Stanford Research Institute (415) 326-6200 ext 3601
  Augmentation Research Center SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

REYNOLDS, Richard REYNOLDS@USC-ISI
  Advanced Research Projects (202) 694-5800
    Agency ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

REYNOLDS, Skip   SR6   REYNOLDS@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

RHODES, Thomas R.   TRR   COMRADE@OFFICE-1
  Naval Ship Research and   (202) 227-1622
    Development Center   NSRDC
  Code 1832
  Bethesda, Maryland 20034

RICHARDSON, Leroy (Lee) C.   LCR   RICHARDSON@USC-ISIB
  University of Southern   (213) 822-1511 ext 185
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

RIEBER-MOHN, Dag   DRM   NORSAR-TIP@OFFICE-1
  Royal Norwegian Council For   (02) 714570
    Scientific And Industrial   NORSAR-40A
    Research   NORSAR-40B
  NTNF/NORSAR   NORSAR-TIP
  P.O. Box 51
  N2007 Kjeller
  NORWAY

RIESENFELD, Richard F.   RFR   RIESENFELD@UTAH-10
  University of Utah   (801) 581-7026
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

RIGNEY, Joseph W.   JWR   Network Address Not Known
  Behavioral Technology   (213) 746-2128
    Laboratories   USC-44
  University Park
  Los Angeles, California 90007

RINDFLEISCH, Thomas C.   TCR   RINDFLEISCH@SUMEX-AIM
  Stanford Medical Experimental   (415) 321-1200 ext 5569
    Computer   SUMEX-AIM
  Stanford Medical Center
  Stanford, California 94305

RIPPY, Don E.   DER   Network Address Not Known
  National Bureau of Standards   (301) 921-2601
  Institute for Computer   NBS-ICST
    Sciences and Technology
  Washington, D.C. 20234

RITEA, Howard B. (Barry)   BR2   RITEA@SDC-LAB
  System Development Corporation   (213) 829-7511 ext 7406
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

ROACH, Roger A.   RAR   Roach@MIT-MULTICS
  Massachusetts Institute of   (617) 253-7011
    Technology   MIT-MULTICS
  MIT-PDO 39-445
  77 Massachusetts Avenue
  Cambridge, Massachusetts 02139

ROBERTAZZI, Michael A.   MAR2 ROBERTAZZI@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Michael Robertazzi, C5

ROBERTS, David   DR2   Network Address Not Known
  University Of California   (213) 825-0841 ext 225
  Center for Computer-based   UCLA-CCBS
    Behavioral Studies
  405 Hilgard Avenue
  Los Angeles, California 90024

ROBERTS, Eric S.   ESR   ROBERTS@HARV-10
  Harvard University   (617) 495-4147
  Aiken Computation Laboratory   HARV-10
  33 Oxford Street
  Cambridge, Massachusetts
    02138

ROBERTS, Keith V.   KVR   UK@USC-ISI
  Atomic Energy Authority   Oxford 41721
  Culham Laboratory   LONDON
  Abingdon
  Berkshire
  ENGLAND

ROBERTS, Lawrence G.   LGR   ROBERTS@BBN-TENEX
  Telenet Communications, Inc.   (202) 785-8444
  1666 K Street NW   TELENET-W
  Washington, D.C. 20006

ROBERTSON, Louis M.   LMR   NAVMINI@OFFICE-1
  Naval Coastal Systems   AV 436-4172
    Laboratory   NSRDC
  Code 232 Simulation Division
  Panama City, Florida 32401

ROBEY, Wayne R.   WRR   PURDUE@USC-ISI
  Purdue University   (317) 493-1429
  Electrical Engineering   PURDUE
    Building
  Room 180
  West Lafayette, Indiana 47907

ROBILOTTA, Donna R.   DRR2 STONE@OFFICE-1
  Rome Air Development Center   (315) 330-3857
    (ISIM)   RADC-TIP
  Griffiss Air Force Base
  New York 13441

ROBINSON, Ann E.   AER   ROBINSON@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 3368
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

ROBINSON, Jane J.   JJR3 JROBINSON@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4573
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

ROBINSON, John G.   JGR2 JROBINSON@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 402
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

INDIVIDUALS

ROCHE, John P.   JPR   ROCHE@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: John Roche, C309

RODRIQUEZ, Francisco J.   FJR   RODRIQUEZ@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4642
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

ROETTER, Susan Gail   SGR   ROETTER@OFFICE-1
  Stanford Research Institute   (415) 326-6200 ext 4757
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

ROGALLO, Sallie J.   SJR   ROGALLO@AMES-67
  NASA Ames Research Center   (415) 965-6008
  Computation Division   AMES-TIP
  Mail Stop 233-9
  Moffett Field, California
    94035

ROGERS, Miles S.   MSR   MARTIN@USC-ISI
  University of California
  Psychology Dept.   (213) 825-0841
  405 Hilgard Ave.   UCLA-CCBS
  Los Angeles, California 90024

ROISTACHER, Richard C.   RCR   Roistacher@MIT-MULTICS
  University of Illinois   (217) 333-7164
  Center for Advanced   ILL-CAC
    Computation
  Urbana, Illinois 61801

ROMANELLI, Michael J.   MJR   BRL@OFFICE-1
  Ballistic Research Laboratories   (301) 278-4574
  Aberdeen Proving Ground   BRL
  Maryland 21005

ROMNEY, C. F.   CFR   ROMNEY@USC-ISI
  Advanced Research Projects   (202) 694-3045
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

ROSCOE, Edward   ER   AFTAC-DXX@USC-ISI
  Air Force Technical
    Applications Center   ARPA-TIP
  Headquarters, USAF
  Patrick AFB, Florida 32925

ROSE, Lynn A.   LAR   Network Address Not Known
  University of Illinois   (217) 333-6375
  Advanced Computation Building   ILL-NTS
  Urbana, Illinois 61801

ROSE, Milton E.   MER   MROSE@MIT-MULTICS
  U.S. Energy Research and   (301) 973-5008
    Development Administration   NYU
  Mathematical and Computer
    Science Program
  Molecular Sciences and Energy
    Research
  Washington, D.C. 20545

ROSEN, Charles A.   CAR   ROSEN@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2209
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

ROSENFELD, Carl   CR   Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 5367
  Bldg 50A, Room 2125   LBL
  Berkeley, California   94720

ROSENTHAL, Robert   RR   RMR@USC-ISI
  National Bureau of Standards   (301) 921-2601
  Institute for Computer   NBS-ICST
    Sciences and Technology
  Washington, D.C. 20234

ROSEWALL, Connie D.   CDR   ROSEWALL@UCSB-MOD75
  University of California   (805) 961-3221
  Computer Systems Laboratory   UCSB-MOD75
  Santa Barbara, California
    93106

ROSICH, Rayner K.   RKR   OT-ITS@SRI-AI
  U.S. Department Of Commerce   (303) 499-1000 ext 3109
  OT/ITS   or 3576 or 3634
  325 Broadway   OT-ITS
  Boulder, Colorado 80302

ROSSITER, Lynn A.   LYNN Network Address Not Known
  University of California   (213) 825-2368 or 2381
  3531 Boelter Hall   UCLA-ATS
  Computer Science Department
  405 Hilgard Avenue
  Los Angeles, California 90024

ROTEN, Sheila H.   SHR   DSDC-SG@OFFICE-1
  Air Force Data Systems Design   (205) 279-4705
    Center   GUNTER
  (BLD 857)
  Directorate of Medical Systems
  Gunter AFS, Alabama 36114

ROTH, Peter N.   PNR   NSRDC@OFFICE-1
  Naval Ship Research and   (202) 227-1620
    Development Center   NSRDC
  Code 1830
  Bethesda, Maryland 20034

ROTHENBERG, Jeff   JGR   ROTHENBERG@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

ROTHFARB, William   WR3   NAC@USC-ISI
  Network Analysis Corporation   (516) 671-9580
  Beechwood, Old Tappan Road   NAC
  Glen Cove, New York 11542

ROURKE, Mary Ann   MAR   ROURKE@BBN-TENEXA
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 508
  50 Moulton Street   BBN-TENEXA
  Cambridge, Massachusetts 02138

ROVNER, Paul D.   PDR ROVNER@BBN-TENEXD
  University of Rochester   (716) 275-5365
  Computer Science Department   ROCHESTER
  Rochester, New York 14627

RUBIN, Darryl E.   DER2 SU-DSL@USC-ISI
  Stanford University   (415) 497-1457
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

RUBIN, Jeffrey B.   JBR JBR@SU-AI
  Stanford University   (415) 497-4971
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

RUBINSTEIN, Richard   RR2 RUBINSTEIN@BBN-TENEX
  University of California   (714) 833-5951
  Department of Information and   UCI
    Computer Science
  Irvine, California 92664

RUBY, S.   SR5 RUBY@USC-ISI
  Advanced Research Projects   (202) 694-5800
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

RUD, Ragnar   RR3 NORSAR-TIP@OFFICE-1
  Royal Norwegian Council For
    Scientific And Industrial   NORSAR-TIP
    Research
  NTNF/NORSAR
  P.O. Box 51
  N2007 Kjeller
  NORWAY

RUGGERI, William Z.   WZR RUGGERI@UTAH-10
  University of Utah   (801) 581-8224
  Computer Science Department   UTAH-10
  3160 Merrill Engineering
    Building
  Salt Lake City, Utah 84112

RULIFSON, Johns (Jeff) F.   JFR RULIFSON@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4369
  3333 Coyote Hill Road   PARC-VTS
  Palo Alto, California 94304

RUMSEY, Judy J.   JJR2 Network Address Not Known
  Naval Ship Research and   (202) 227-1294 or 1907
    Development Center   NSRDC
  Code 1892.1
  Bethesda, Maryland 20084

RUNNINGER, John E.   JER RADC-DOR@USC-ISI
  Rome Air Development Center
  Griffiss Air Force Base   RADC-TIP
  Rome, New York 13440

RUPLE, Samuel L.   SLR RUPLE@OFFICE-1
  Rome Air Development Center   (315) 330-4875
  (ISIS)   RADC-TIP
  Griffiss Air Force Base
  New York 13441

RUSCHITZKA, Manfred   MR3 RUSCHITZKA@RUTGERS-10
  Rutgers University   (201) 932-2082
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

RUSHTON, Gail M.   GMH RUSHTON@BBN-TENEXA
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 545
  50 Moulton Street   BBN-TENEXA
  Cambridge, Massachusetts 02138

RUSSELL, Dale S.   DSR DALE@USC-ISIB
  University of Southern   (213) 822-1511 ext 188
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

RUSSELL, David C.   DCR2 RUSSELL@USC-ISI
  Advanced Research Projects   (202) 694-4002
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

RUSSELL, Easter D.   EDR Network Address Not Known
  University of Southern   (213) 746-5515
    California   USC-44
  Powell Hall of Engineering
  Room 335, University Park
  Los Angeles, California 90007

RUSSELL, William H.   WHR WRUSSELL@BBN-TENEXD
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 563
  50 Moulton Street   BBN-TENEXD
  Cambridge, Massachusetts 02138

RYAN, Neal D.   NDR NDR@MIT-DMS
  Massachusetts Institute of   (617) 253-3578
    Technology   MIT-DMS
  Project MAC - PTD
  545 Technology Square, Room
    214A
  Cambridge, Massachusetts 02139

RYLAND, Chris P.   CPR RYLAND@PARC-MAXC
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

RZEPKA, William E.   WER RZEPKA@OFFICE-1
  Rome Air Development Center   (315) 330-7011
  (ISIM)   RADC-TIP
  Griffiss Air Force Base
  New York 13441

SACERDOTI, Earl   ES2 SACERDOTI@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 3689
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

INDIVIDUALS

SACK, John JS2 SACK@I4-TENEX
Institute for Advanced (408) 735-0635
Computation I4-TENEX
1095 E. Duane Court
Sunnyvale, California 94086

SAFIR, Aran AS4 SAFIR@RUTGERS-10
Rutgers University (201) 932-2006
Department of Computer Science RUTGERS-10
Hill Center
Busch Campus
New Brunswick, New Jersey
08903

SAGALOWICZ, Daniel DS2 SAGALOWICZ@SRI-AI
Stanford Research Institute (415) 326-6200 ext 4840
Artificial Intelligence Center SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

SAKAI, Toshiyuki TS3 Network Address Not Known
Kyoto University
Department of Information KYOTO
Science
Yoshida-honmachi, Sakyo-ku
Kyoto, JAPAN

SALTZER, Jerome H. JHS Saltzer@MIT-MULTICS
Massachusetts Institute of (617) 253-6016
Technology MIT-MULTICS
Project MAC
Computer Systems Research
Division
545 Technology Square
Cambridge, Massachusetts 02139

SAMANIEGO, Margaret G. MGS MGS@RAND-RCC
The Rand Corporation (213) 393-0411 ext 7588
Information Sciences RAND-ISD
Department
1700 Main Street
Santa Monica, California 90406

SAMUEL, Arthur AS2 ALS@SU-AI
Stanford University (415) 497-3330
Artificial Intelligence SU-AI
Laboratory
Computer Science Department
Stanford, California 94305

SAMUELSON, Kjell KSAM KSAM@SRI-AI
Stockholm University and Royal
Institute of Technology SU-RIT
Information Processing-ADP
10405 Stockholm 50
SWEDEN

SANFORD, Edwin A. EAS Network Address Not Known
Tinker Air Force Base (405) 732-7321 ext 7145
CCPS-DOHD TINK-418
Oklahoma City, Oklahoma 73145

SANTOS, Paul J. PJS SANTOS@BBN-TENEX
Bolt Beranek and Newman Inc. (617) 491-1850 ext 603
50 Moulton Street BBN-NCC
Cambridge, Massachusetts 02138

SATTERTHWAITE, Edwin H. EHS SATTERTHWAITE@PARC-MAXC
Xerox Palo Alto Research Center (415) 494-4433
Computer Systems Building PARC-MAXC
3333 Coyote Hill Road
Palo Alto, California 94304

SATTLEY, Kirk KS SATTLEY@SRI-ARC
Massachusetts Computer (617) 245-9540
Associates, Inc. MCA
26 Princess Street
Wakefield, Massachusetts 01880

SAUNDERS, Steven E. SES SAUNDERS@CMU-10A
Carnegie-Mellon University (412) 687-4073 682-3993
Computer Science Department CMU-10A
Schenley Park
Pittsburgh, Pennsylvania 15213

SAUTER, John B. JBS2 JBS@SU-AI
5 Bates Road (603) 424-7637
Merrimack, New Hampshire 03054 SU-AI

SCANTLEBURY, Roger RS3 Network Address Not Known
Computer Science Division
National Physical Laboratory NPL
Teddington, Middlesex
ENGLAND

SCHAFFNER, Stuart C. SCS SCHAFFNER@BBN-TENEXB
Massachusetts Computer (617) 245-9540
Associates, Inc. MCA
26 Princess Street
Wakefield, Massachusetts 01880

SCHANTZ, Richard E. RES2 SCHANTZ@BBN-TENEXA
Bolt Beranek and Newman Inc. (617) 491-1850 ext 550
50 Moulton Street BBN-TENEX
Cambridge, Massachusetts 02138

SCHELONKA, Edward P. EPS SCHELONKA@USC-ISI
Range Measurements Laboratory (305) 494-2762
Attn: ENLD AFWL-TIP
Patrick AFB, Florida 32925

SCHIPPER, Tjaart TS Network Address Not Known
13 Marijkestraat
Liederdorp, NETHERLANDS NETH

SCHMIDT, Chuck CS4 SCHMIDT@RUTGERS-10
Rutgers University (201) 932-7029
Department of Computer Science RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
08903

SCHROEDER, Michael D. MDS2 Schroeder@MIT-MULTICS
Massachusetts Institute of (617) 253-6039
Technology MIT-MULTICS
Project MAC
Computer Systems Research
Division
545 Technology Square, Rm 520
Cambridge, Massachusetts 02139

SCHWARTZ, Richard M.   RMS3   SCHWARTZ@BBN-TENEXD
Bolt Beranek and Newman, Inc.   (617) 491-1850 ext 360
50 Moulton Street   BBN-TENEXD
Cambridge, Massachusetts 02138

SCHWARTZ, Ronald S.   RSS   RON@I4-TENEX
Institute for Advanced   (415) 965-5197
Computation   I4-TENEX
NASA Ames Research Center
Moffett Field, California
94035

SEGOVICH, Fred A.   FAS   SEGOVICH@BBN-TENEX
University of Illinois   (217) 333-4682
Center for Advanced   ILL-NTS
Computation
209 Advanced Computation Bldg.
Urbana, Illinois 61801

SEIDMAN, L. P.   LPS   Network Address Not Known
Systems Control, Inc.   (415) 327-9333
1801 Page Mill Road   SCI
Palo Alto, California 94304

SELFRIDGE, Oliver   OS   SELFRIDGE@OFFICE-1
Massachusetts Institute of   (617) 253-2054
Technology   ARPA-TIP
575 Technology Square
Cambridge, Massachusetts

SENEFF, Stephanie   SS5   LINCOLN@BBN-TENEX
Massachusetts Institute of   (617) 862-5500
Technology   LL-11
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

SERIFF, Marc S.   MSS2   MSS@MIT-DMS
Massachusetts Institute of   (617) 253-6269
Technology   MIT-DMS
Project MAC - PTD
545 Technology Square, Room
217
Cambridge, Massachusetts 02139

SHAW, Chung   CS3   SHAW@RUTGERS-10
Rutgers University   (201) 932-3229
Department of Computer Science   RUTGERS-10
Hill Center
Busch Campus
New Brunswick, New Jersey
08903

SHAW, David Elliot   DES   DES@SU-AI
Stanford University   (415) 497-4971
Artificial Intelligence   SU-AI
Laboratory
Computer Science Department
Stanford, California 94305

SHAW, K. Diane   KDS   Network Address Not Known
L.G. Hanscom Field   (617) 861-5386
Hq. ESD/MCI   LGHF
Stop 36
Bedford, Massachusetts 01730

SHEARER, Fred   FS   AFWL@I4-TENEX
Air Force Weapons   (505) 247-1711 ext 3803
Laboratory/ADP   AFWL-TIP
Kirtland Air Force Base
New Mexico 87116

SHELLHAMMER, Linda F.   LFS   STALOG@OFFICE-1
STALOG Development Branch   (205) 279-4521
Directorate of Logistics   GUNTER
Systems
Air Force Data Systems Design
Center
Gunter Air Force Station,
Alabama 36114

SHEPHARD, C. D. (Terry)   CDS   Network Address Not Known
Communications Research Center   (613) 996-7051
P.O. Box 490 - Station D   CRC
Ottawa, CANADA K1N 8T5

SHEPPARD, Robert M.   RMS2   SHEPPARD@OFFICE-1
Massachusetts Institute of   (617) 253-7856
Tecnology   LL-ASG
Lincoln Laboratory
42 Carleton Street
Cambridge, Massachusetts 02142

SHER, Michael S.   MSS   SHER@BBN-TENEX
Center for Advanced Computation   (217) 333-2979
University of Illinois   ILL-CAC
Urbana, Illinois 61801

SHERWOOD, Glenn A.   GAS2   SHERWOOD@OFFICE-1
Stanford Research Institute   (415) 326-6200 ext 2171
333 Ravenswood Avenue   SRI
Menlo Park, California 94025

SHERWOOD, Robert J.   RSH   RISOS@USC-ISI
Lawrence Livermore Laboratory   (415) 447-1100 ext 3406
P.O. Box 808, L-307   LLL-RISOS
Livermore, California 94550

SHIPMAN, David W.   DWS   DWS@CCA-TENEX
Computer Corporation of America   (617) 491-3670
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139

SHORES, James Peterson   JPS   NAVMINI@OFFICE-1
Naval Underwater Systems   (203) 442-0771 ext 2126
Center   or AV 636-2126
Code PA-41   NSRDC
Sonar Analysis Division
New London, Connecticut 06320

SHORT, Ronald G.   RGS   SHORT@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4769
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

SHORTLIFFE, Edward H.   EHS3   SHORTLIFFE@SUMEX-AIM
Stanford University Medical   (415) 497-6977
School   SUMEX-AIM
Room TC 110
Division of Clinical
Pharmacology
Department of Medicine
Stanford, California 94305

63

INDIVIDUALS

SHOSHANI, Arie   AS   ARIE@SDC-LAB
   System Development Corporation   (213) 829-7511 ext 7317
   2500 Colorado Avenue   SDC-LAB
   Santa Monica, California 90406

SHOWALTER, A. Kenneth   AKS   Network Address Not Known
   Office of Naval Research   (202) 692-4304
   Information Systems Programs   ONR1
   800 North Quincy Street
   Arlington, Virginia 22217

SHUFORD, Emir H.   EHS2   Network Address Not Known
   The Rand Corporation   (213) 393-0411
   1700 Main Street   RAND-RCC
   Santa Monica, California 90406

SHURE, Gerald H.   GHS   MARTIN@USC-ISI
   University of California   (213) 825-0841
   Psychology Dept.   UCLA-CCBS
   405 Hilgard Ave.
   Los Angeles, California 90024

SIEWIOREK, Daniel P.   DPS3   SIEWIOREK@CMU-10A
   Carnegie-Mellon University   (412) 621-2600 ext 177
   Computer Science Department   CMU-10A
   Schenley Park
   Pittsburgh, Pennsylvania 15213

SIMON, Gerald   GS2   UCLA-NMC@USC-ISI
   University of California   (213) 825-4269
   3804 Boelter Hall   UCLA-ATS
   Los Angeles, California 90024

SIMPSON, Rennie   RS5   RENNIE@USC-ISIB
   University of Southern   (213) 822-1511
   California   USC-ISIB
   Information Sciences Institute
   Suite 1100
   4676 Admiralty Way
   Marina Del Rey, California
   90291

SKALL, Mark W.   MWS   ISDS@OFFICE-1
   Naval Ship Research and
   Development Center   NSRDC
   Code 1851
   Bethesda, Maryland 20034

SKINNER, Toby E.   TES   UNIVAC@BBN-TENEX
   Sperry Univac   (612) 456-2526
   Univac Park   UNIVAC
   Mail Station UOP16
   P.O. Box 3525
   St. Paul, Minnesota 55165

SKOCYPEC, Diana L.   DLS3   SKOCYPEC@USC-ISI
   University of California   (213) 825-2543
   3732 Boelter Hall   UCLA-ATS
   Los Angeles, California 90024

SKRIBELAND, Stein   SS2   NORSAR-TIP@OFFICE-1
   Royal Norwegian Council For
   Scientific And Industrial   NORSAR-TIP
   Research
   NTNF/NORSAR
   P.O. Box 51
   N2007 Kjeller
   NORWAY

SLEZYCKI, Mary Louise   MLS   SLEZYCKI@OFFICE-1
   Air Force Data Services Center   (202) 697-7913
   AFDSC/XMM   GUNTER
   Pentagon
   Washington, D.C. 20330

SLIWA, Frank P.   FPS   SLIWA@OFFICE-1
   Rome Air Development Center
   (IS)   RADC-TIP
   Griffiss Air Force Base
   New York 13441

SLOMAN, Aaron   AS3   UK@USC-ISI
   University of Sussex   0273-66755
   School of Social Sciences   LONDON-TIP
   Arts Building
   Brighton BN1 9QN
   ENGLAND

SLOTTOW, Joan E.   JES2   SLOTTOW@UCLA-CCN
   University of California   (213) 825-7418
   Campus Computing Network   UCLA-CCN
   5628 Math Sciences Addition
   Los Angeles, California 90024

SLUTZ, Ralph J.   RJS   NOAA@I4-TENEX
   U. S. Department Of Commerce   (303) 499-1000 ext 3395
   325 South Broadway   DOCB-TIP
   Boulder, Colorado 80302

SMALL, Dana   NELC@USC-ISIB
   NAval Electronics Laboratory   (714) 225-7287
   Center   OFFICE-1
   Advanced Software Division
   Code 6200
   San Diego, California 92152

SMITH, David C.   DCS2   DAV@SU-AI
   Stanford University   (415) 497-4971
   Artificial Intelligence   SU-AI
   Laboratory
   Computer Science Department
   Stanford, California 94305

SMITH, Dennis   DS3   SMITH@SUMEX-AIM
   Stanford University   (415) 497-3144
   Department of Chemistry   SUMEX-AIM
   Stauffer Building 1
   Stanford, California 94305

SMITH, Donald   DS4   SMITH@RUTGERS-10
   Rutgers University   (201) 932-3228
   Department of Computer Science   RUTGERS-10
   Hill Center/Busch Campus
   New Brunswick, New Jersey
   08903

SMITH, Doris P.   DPS   DORIS@USC-ISI
   Advanced Research Projects   (202) 694-8096
   Agency   ARPA-TIP
   1400 Wilson Boulevard
   Arlington, Virginia 22209

SMITH, Dorothy R.   DRS4   DOROTHY@I4-TENEX
   University of Hawaii   (808) 948-7490
   HAWAII-500 System   HAWAII-500
   2540 Dole Street, Holmes 486
   Honolulu, Hawaii 96822

SMITH, J. D.   JDS DSMITH@OFFICE-1
  Automated Logistics Management   (314) 268-6044
    Systems Agency   BRL
  U.S. Army Materiel Command
    Attn: ANXAK-Z
  210 N. 12th Blvd.
  P.O. Box 1578
  St. Louis, Missouri 63188

SMITH, John A.   JAS USAFETAC-SY@USC-ISI
  USAF-ETAC   (202) 433-3911
  Building 159   ETAC-TIP
  Navy Yard Annex   ETAC
  Washington, DC 20333

SMITH, John B.   JBS MATHSCI@OFFICE-1
  Naval Research Laboratory   (202) 767-3190
  Washington D.C. 20375   NSRDC

SMITH, Marcie C.   MS MARCIE@I4-TENEX
  Institute for Advanced   (408) 965-5188
    Computation   I4-TENEX
  NASA Ames Research Center
  Moffett Field, California
    94035

SMITH, Michael H.   MHS Network Address Not Known
  University of California   (415) 642-3705
  Dept. of Electrical Engineering   UCB
    and Computer Sciences
  Berkeley, California 94720

SMITH, Mike D.   MDS Network Address Not Known
  Lawrence Berkeley Laboratory   (415) 843-2740 ext 6298
  Bldg. 50B, Rm 1140C   LBL
  Berkeley, California 94720

SMITH, Stephen   SS4 SMITHS@USCB-MOD75
  University of California   (805) 961-3113
  Computation Center   UCSB-MOD75
  Santa Barbara, California
    93106

SNOW, Brian D.   BDS NSA@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Brian Snow, R12

SOLOW, Harold   HS2 FORMAN@USC-ISI
  MITRE Corporation   (703) 790-6515
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

SPEER, Virginia   VS SPEER@LL
  Massachusetts Institute of   (617) 862-5500 ext 7173
    Technology   LL
  Lincoln Laboratory
  Computer Systems Group
  244 Wood Street
  Lexington, Massachusetts 02173

SPENCER, Jack   JS AMICON-RN@USC-ISI
  US Army Missile Command
  Redstone Arsenal   ARPA-TIP
  Huntsville, Alabama 35809

SPIES, Herbert A.   HAS2 SPIES@BBN-TENEX
  ADTC/TSXCS   (904) 882-2683
  Eglin AFB   EGLIN
  Florida 32542

SPROULL, Robert F.   BFS SPROULL@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4417
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

SRIDHARAN, Natesa S.   NSS SRIDHARAN@RUTGERS-10
  Rutgers University   (201) 932-2894
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

SRINIVASAN, Chitoor V.   CVS SRIN@USC-ISI
  Rutgers University   (201) 932-3549
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

STARKEY, James A.   JAS2 JAS@CCA-TENEX
  Computer Corporation of America   (617) 491-3670
  575 Technology Square   CCA-TENEX
  Cambridge, Massachusetts 02139

STEELE, Guy L., Jr.   GLS GLS@MIT-ML
  Massachusetts Institute of   (617) 253-7834
    Technology   MIT-ML
  Project MAC
  Room NE43-834
  545 Technology Square
  Cambridge, Massachusetts 02139

STEFIK, Mark   MS2 STEFIK@SUMEX-AIM
  Stanford University   (415) 497-4878
  Department of Computer Science   SUMEX-AIM
  Serra House
  Stanford, California 94305

STEIGER, William   WS STEIGER@RUTGERS-10
  Rutgers University   (201) 932-2083
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

STEMPLE, Eugene P.   EPS2 NAVIMP@OFFICE-1
  Naval Surface Weapons Center   (703) 663-8178
  Code KOE   NSRDC
  Dahlgren Lab
  Dahlgren, Virginia 22448

STEPHAN, Chuck P.   CPS NSA@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Chuck Stephan, C44

STERNICK, Herbert J.   HJS2 NETWORK-HELP@USC-ISI
  MITRE Corporation   (703) 790-6317
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

STEVENS, Avid F.   AFS   Network Address Not Known
    Lawrence Berkeley Laboratory   (415) 843-2740 ext 6363
    Building 50A, Room 1143   LBL
    Berkeley, California 94720

STEVENS, Cookie   CS2   STEVENS@SRI-AI
    Stanford Research Institute   (415) 326-6200 ext 3984
    Artificial Intelligence Center   SRI-AI
    333 Ravenswood Avenue
    Menlo Park, California 94025

STEVENS, David F.   Network Address Not Known
    Lawrence Berkeley Laboratory   (415) 843-2740
    Building 50A   LBL
    Berkeley, California 94720

STEVENSON, W. Schuyler   SS   DOCB@OFFICE-1
    U. S. Department Of Commerce   (303) 499-1000 ext 4171
    325 South Broadway   DOCB-TIP
    Boulder, Colorado 80302

STICKLEY, C. M.   CMS   STICKLEY@USC-ISI
    Advanced Research Projects   (202) 694-3010
        Agency   ARPA-TIP
    1400 Wilson Boulevard
    Arlington, Virginia 22209

STILLMAN, Rich   RS4   STILLMAN@RUTGERS-10
    Rutgers University   (201) 932-2001
    Department of Computer Science   RUTGERS-10
    Hill CenterBusch Campus
    New Brunswick, New Jersey
        08903

STINSON, William F.   WFS   STINSON@OFFICE-1
    Rome Air Development Center   (315) 330-7009
    R & D Computer Facility   RADC-TIP
    (ISF)
    Griffiss Air Force Base
    New York 13441

STOCKHAM, Thomas G.   TGS   STOCKHAM@UTAH-10
    University of Utah   (801) 581-8224
    Computer Science Department   UTAH-10
    3160 Merrill Engineering
        Building
    Salt Lake City, Utah 84112

STOKES, Adrian V.   AVS   KIRSTEIN@USC-ISI
    University College London   01-387-3421 (UK)
    Department of Statistics and   LONDON-TIP
        Computer Science
    43 Gordon Square
    London WC1H OPD
    ENGLAND

STONE, Duane L.   DLS   STONE@OFFICE-1
    Rome Air Development Center   (315) 330-3857
    (ISIM)   RADC-TIP
    Griffiss Air Force Base
    New York 13441

STONE, Mae Y.   MYS   DSDC-XF@OFFICE-1
    Air Force Data Systems Design   (205) 279-4709
        Center   GUNTER
    Directorate of Program
        Management (XF)
    (BLD 810)
    Gunter AFS, Alabama 36114

STOTZ, Rob   RS6   STOTZ@USC-ISIB
    University of Southern   (213) 822-1511
        California   USC-ISIB
    Information Sciences Institute
    Suite 1100
    4676 Admiralty Way
    Marina Del Rey, California
        90291

STOUGHTON, Ronald M.   RMS   STOUGHTN@UCSB-MOD75
    University of California   (805) 961-3793 OR 3221
    Computer Systems Laboratory   UCSB-MOD75
    Santa Barbara, California
        93106

STOUTEMYER, David R.   STOUTE@UTAH-10
    University of Hawaii
    Electrical Engineering   ALOHA-TIP
        Department
    Honolulu, Hawaii 96822

STOWE, Arthur N.   ANS   LINCOLN@BBN-TENEX
    Massachusetts Institute of   (617) 862-5500 ext 5386
        Technology   LL
    Lincoln Laboratory
    244 Wood Street
    Lexington, Massachusetts
        02173

STRAYHORN, John M.   JMS   JOHN@CCA-TENEX
    Computer Corporation of America   (617) 491-3670
    575 Technology Square   CCA-TENEX
    Cambridge, Massachusetts 02139

STRAZISAR, Virginia M.   VMS   STRAZISAR@BBN-TENEXA
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 632
    50 Moulton Street   BBN-TENEXA
    Cambridge, Massachusetts 02138

STROLLO, Theodore R.   TRS   STROLLO@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 349
    50 Moulton Street   BBN-TENEX
    Cambridge, Massachusetts 02138

STRONG, Thomas H.   THS   Network Address Not Known
    Lawrence Berekeley Laboratory   (415) 843-2740 ext 6298
    Bldg. 50A, Rn. 1140C   LBL
    Berkeley, California 94720

STRUBLE, Robert A.   RAS2   STRUBLE@BBN-TENEX
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 627
    50 Moulton Street   BBN-NCC
    Cambridge, Massachusetts 02138

STUBBS, Eugene W.   EWS   STUBBS@USC-ISI
    Advanced Research Projects   (202) 694-1588
        Agency   ARPA-TIP
    1400 Wilson Boulevard
    Arlington, Virginia 22209

STUEBING, Henry G.   HGS   NAVMINI@OFFICE-1
  Naval Air Development Center   (215) 672-9000
  Code 552   NSRDC
  Warminster, Pennsylvania 18974

SUBJECT, Dave P.   DPS2   Network Address Not Known
  University of Illinois   (217) 333-1515
  Center for Advanced   ILL-CAC
    Computation
  Urbana, Illinois 61801

SULLIVAN, Gerald D.   GDS   SULLIVAN@OFFICE-1
  Advanced Research Projects   (202) 694-1664
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

SUNSHINE, Carl A.   CAS   SU-DSL@USC-ISI
  Stanford University   (415) 497-1454
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

SUSSMAN, Julie E. M.   JEMS   SUSSMAN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 631
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

SUTHERLAND, Georgia   GS   SUTHERLAND@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2229
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

SUTHERLAND, Ivan   IS   SUTHERLAND@RAND-RCC
  The Rand Corporation   (213) 393-0411 ext 722
  1700 Main Street   RAND-ISD
  Santa Monica, California 90406

SUTHERLAND, William R.   WRS2   SUTHERLAND@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4300
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

SUTKOWSKI, Stephen P.   SPS   SUTKOWSKI@UTAH-10
  Rome Air Development Center   (315) 330-7746
  ISCA   RADC-MULTICS
  Griffiss Air Force Base
  Rome, New York 13441

SWANSON, Len   LS   Network Address Not Known
  EDUCOM   (609) 921-7575
  P.O. Box 364   EDUCOM
  Princeton, New Jersey 08540

SWANSTROM, William R.   WRS3   Network Address Not Known
  Director National Security
    Agency   NSA
  Ft. George G. Meade
  Maryland 20755
  Attn: William Swanstrom, C03

SWARTHE, Eric Z.   EZS   Network Address Not Known
  National Bureau of Standards   (301) 921-3545
  Institute for Computer   NBS-ICST
    Sciences and Technology
  Washington, D.C. 20234

SWEET, Richard E.   RES   SWEET@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4425
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

SWETS, John   JS3   SWETS@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 339
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

SWIM, Sue K.   SKS   SWIM@OFFICE-1
  Massachusetts Institute   (617) 253-7851
    of Technology   LL-ANTS
  Lincoln Laboratory
  Carleton Street
  Cambridge, Massachusetts 02142

SWINEHART, Dan C.   DCS   SWINEHART@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4366
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

SWITZER, David Kirk   DKS   DKS;BIN(0628)@UCLA-CCN
  University Of California   (213) 825-6030 or 2050
  3413 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

SZABO, Szilard G.   SGS
  Lawrence Livermore Laboratory   (415) 447-1100 ext 4050
  P.O. Box 808, L-307   LLL-RISOS
  Livermore, California 94550

TACHMINDJI, Alexander J.   AJT   Network Address Not Known
  MITRE Corporation
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

TAFT, Edward A.   EAT3   TAFT@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4419
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

TAGGART, John   JT4   TAGGART@OFFICE-1
  Director, National Security
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: John Taggart, R253

TANAVAGE, Jane A.   JAT   MADDEN@OFFICE-1
  Director, National Security   (301) 688-7131
    Agency   NSA
  Fort George G. Meade
  Maryland 20755
  Attn: Jane Tanavage, R

TANNO, Kuninobu   KT   SU-DSL@USC-ISI
  Stanford University   (415) 497-1141
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

TASAKA, Evelyn K.   EKT   ALOHA@USC-ISI
  University of Hawaii   (808) 948-7490
  The ALOHA System   HAWAII-ALOHA
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

TASKER, Peter S.   PST TASKER@USC-ISI
MITRE Corporation   (808) 488-0941
CINCPAC J61   MITRE-TIP
P.O. Box 29
FPO San Francisco, California
    96610

TAYLOR, Dale E.   DET CHI@USC-ISI
Culler-Harrison, Inc.   (805) 968-1064
150-A Aero Camino   CHII
Goleta, California 93017

TAYLOR, Donald F.   DFT DTAYLOR@OFFICE-1
Ballistics Research   (301) 278-5871
    Laboratories   BRL
ATTN: AMXBR-AM-CS
Aberdeen Proving Ground
Maryland 21005

TAYLOR, Stanley M. (Stan)   SMT TAYLOR@OFFICE-1
Ballistic Research Laboratories   (301) 278-3389 or 278-4149
Aberdeen Proving Ground   BRL
Maryland 21005

TAYNAI, Carolyn E.   CET SU-DSL@USC-ISI
Stanford University   (415) 497-1364
Digital Systems Laboratory   SU-DSL
Stanford, California 94305

TEITELMAN, Warren   WT   TEITELMAN@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4447
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

TELL, Bjorn   BT   Network Address Not Known
Lunds Universitetsbibliotek   046/12 41 00
Box 1010   EUROPE
S-221 03 Lund
SWEDEN

TENENBAUM, J. Martin   JMT2 TENENBAUM@SRI-AI
Stanford Research Institute   (415) 326-6200 ext 4167
Artificial Intelligence Center   SRI-AI
333 Ravenswood Avenue
Menlo Park, California 94025

TESLER, Larry G.   LGT TESLER@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4355
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

THACKER, Charles P.   CPT THACKER@PARC-MAXC
Xerox Palo Alto Research Center   (415) 494-4460
3333 Coyote Hill Road   PARC-MAXC
Palo Alto, California 94304

THAYER, Richard H.   RHT2 THAYER@OFFICE-1
Rome Air Development Center   (315) 330-2204
(IS)   RADC-TIP
Griffiss Air Force Base
New York 13441

THIELE, Sally A.   SAT CHI@USC-ISI
Culler-Harrison, Inc.   (805) 968-1064
150-A Aero Camino   CHII
Goleta, California 93017

THIRLAWAY, H. I. S.   HIT UK@USC-ISI
Blacknest Research   Tadley 4111
    Establishment   LONDON-TIP
Brimpton
Reading RG7 4RS
ENGLAND

THOMAS, Elaine L.   ELT Thomas@MIT-MULTICS
Massachusetts Institute of   (617) 253-6004
    Technology   MIT-MULTICS
Project MAC
Computer Systems Research
    Division
545 Technology Square
Cambridge, Massachusetts 02139

THOMAS, J. R.   JRT UK@USC-ISI
British Post Office   01-432-4931
TD9.3   LONDON-TIP
2-12 Gresham Street
London
ENGLAND

THOMAS, Robert H.   RHT BTHOMAS@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 483
50 Moulton Street   BBN-TENEX BBN-TENEXA
Cambridge, Massachusetts 02138   BBN-TENEXB BBN-TENEXD

THURBER, Charles H.   CHT ASLAB@OFFICE-1
Albuquerque Seismological   (505) 264-4637
    Laboratory   ASL
U.S. Geological Survey
Kirtland Air Force Base East
Albuquerque, New Mexico 87115

TIERNEY, Joseph   JT3 LINCOLN@BBN-TENEX
Massachusetts Institute of   (617) 862-5500 ext 277
    Technology   LL-11
Lincoln Laboratory
P. O. Box 73
Lexington, Massachusetts 02173

TILLITT, Harley E.   HET MATHSCI@OFFICE-1
Naval Ship Research and
    Development Center   NSRDC
Code 1833
Bethesda, Maryland 20084

TING, Dennis   DT2 TING@UTAH-10
University of Utah   (801) 581-8579
Computer Science Department   UTAH-10
3160 Merrill Engineering
    Building
Salt Lake City, Utah 84112

TIPPIT, James T.   JTT2 NSA@OFFICE-1
Director, National Security
    Agency   NSA
Fort George G. Meade
Maryland 20755
Attn: Jame Tippit, S46

TIPPIT, William   WT2 TIPPITT@UCLA-CCN
University of California   (213) 825-7546
Campus Computing Network   UCLA-CCN
5628 Math Sciences Addition
Los Angeles, California 90024

TISNADO, Linda   LT   TISNADO@USC-ISIB
University of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
  90291

TOBAGI, Fouad A.   FAT   TOBAGI@USC-ISI
University of California   (213) 825-7879
3532 Boelter Hall   UCLA-ATS
Los Angeles, California 90024

TOBIASON, Beverly A.   BAT   TOBIASON@BBN-TENEXD
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 364
50 Moulton Street   BBN-TENEXD
Cambridge, Massachusetts 02138

TOMAINI, Frank J.   FJT   TOMAINI@OFFICE-1
Rome Air Development Center   (315) 330-7507
Information Processing Branch   RADC-TIP
  (ISI)
Griffis AFB, NY 13441

TOMLINSON, Ray S.   RST   TOMLINSON@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 363
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

TORKILDSEN, Arn   AT   NORSAR-TIP@OFFICE-1
Regneanlegget Blindern -
  Kjeller   NORSAR-TIP
P.O. Box 70
N2007 Kjeller
Norway

TOWNLEY, Judy A.   JAT2   TOWNLEY@HARV-10
Harvard University   (617) 495-3751
Aiken Computation Laboratory   HARV-10
33 Oxford Street
Cambridge, Massachusetts
  02138

TRAUB, Joseph F.   JFT   TRAUB@CMU-10A
Carnegie-Mellon University   (412) 621-2600 ext 152
Computer Science Department   CMU-10A
Schenley Park
Pittsburgh, Pennsylvania 15213

TRAVIS, Nancy   NT   TRAVIS@USC-ISIB
University of Southern   (213) 822-1511
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
  90291

TREHAN, Ranvir K.   RKT   TREHAN@USC-ISI
MITRE Corporation   (703) 790-6391
1820 Dolley Madison Blvd.   MITRE-TIP
Westgate Research Park
McLean, Virginia 22101

TRIGOBOFF, Mike   MT3   TRIGOBOFF@RUTGERS-10
Rutgers University   (201) 932-2001
Department of Computer Science   RUTGERS-10
Hill Center/Busch Campus
New Brunswick, New Jersey
  08903

TRIOLO, Victor J.   VJT   TRIOLO@USC-ISI
Applied Data Research, Inc.   (609) 921-8550 ext 343
Route 206   ADR
Research Park Center
Princeton, New Jersey 08546

TUCKER, Jeremy   JT   Network Address Not Known
Logica Ltd.   01-637-1511
31-36 Foley Street   LOGICA
London W1
UNITED KINGDOM

TUGENDER, Ron   RT2   TUGENDER@USC-ISIB
University of Southern   (213) 822-1511 ext 115
  California   USC-ISIB
Information Sciences Institute
Suite 1100
4676 Admiralty Way
Marina Del Rey, California
  90291

TURN, Rein   RT   TURN@RAND-RCC
The Rand Corporation   (213) 393-0411 ext 7830
1700 Main Street   RAND-RCC
Santa Monica, California 90406

TURNER, Manley W.   MWT   NAVMINI@OFFICE-1
Naval Surface Weapons   (703) 663-8336 or AV
Code KEE Weapons Control   249-8336
  Division   NSRDC
Dahlgren, Virginia 22448

TVEITANE, P.   PT   NORSAR-TIP@OFFICE-1
Royal Norwegian Council For
  Scientific And Industrial   NORSAR-TIP
  Research
NTNF/NORSAR
P.O. Box 51
N2007 Kjeller
NORWAY

UHLIG, Ronald P.   RPU   UHLIG@OFFICE-1
Hq., U.S. Army Materiel Command   (202) 274-8946
Attn: AMCMS-I   BRL
5001 Eisenhower Ave.
Alexandria, Virginia 22333

UHLIR, Raymond K.   RKU   DSDC-SC@OFFICE-1
Air Force Data Systems Design
  Center   GUNTER
Simulation and Analysis Branch
Gunter Air Force Station,
  Alabama 36114

ULMER, Frank H.   FHU   ULMER@BBN-TENEX
Bolt Beranek and Newman Inc.   (617) 491-1850 ext 633
50 Moulton Street   BBN-TENEX
Cambridge, Massachusetts 02138

INDIVIDUALS

UNCAPHER, Keith W. KWU UNCAPHER@USC-ISIB
  University of Southern (213) 822-1511
    California USC-ISI
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

UNDERWOOD, Robert RU2 UNDERWOOD@I4-TENEX
  Institute for Advanced (408) 735-0635
    Computation I4-TENEX
  1095 E. Duane Court
  Sunnyvale, California 94086

UNGER, Robert A. RAU NAVIMP@OFFICE-1
  Naval Undersea Center (714) 225-2252
  San Diego, California 92152 NSRDC

UNTULIS, Charles CU UNTULIS@SRI-AI
  Stanford Research Institute (415) 326-6200 ext 4470
  Artificial Intelligence Center SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

URBAN, Michael P. MPU UCLA-SECURITY@USC-ISI
  University of California (213) 825-7005
  3771 Boelter Hall UCLA-ATS
  Los Angeles, California 90024

USAS, Alan M. AMU Network Address Not Known
  Stanford University (415) 497-1478
  Digital Systems Laboratory SU-DSL
  Stanford, California 94305

UZGALIS, Robert RU Network Address Not Known
  University of California (213) 825-2191
  Computer Science Department UCLA-ATS
  3732 Boelter Hall
  Los Angeles, California 90024

VALLEE, Jacques F. JFV VALLEE@USC-ISI
  Institute for the Future (415) 854-6322
  2740 Sand Hill Road FUTURE
  Menlo Park, California 94025

VAN MIEROP, Dono DV VANMIEROP@USC-ISIB
  University of Southern (213) 822-1511 ext 125
    California ISI-XGP11
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

VAN NOUHUYS, Dirk H. DVN VANNOUHUYS@BBN-TENEXB
  Stanford Research Institute (415) 326-6200
  Augmentation Research Center SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

VAN REUTH, E. C. ECV VANREUTH@USC-ISI
  Advanced Research Projects (202) 694-4750
    Agency ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

VAN SLYKE, Richard M. RMV NAC@USC-ISI
  Network Analysis Corporation (516) 671-9580
  Beechwood, Old Tappan Road NAC
  Glen Cove, New York 11542

VAN ZILE, G. Daniel DVZ Network Address Not Known
  Lawrence Berkeley Laboratory (415) 843-2740 ext 5589
  Bldg. 50A, Rm. 1116 LBL
  Berkeley, California 94720

VAN ZOEREN, Harold R. HRVZ VANZOEREN@CMU-10B
  Carnegie-Mellon University (412) 621-2600 ext 160
  Computer Science Department CMU-10A
  Schenley Park CMU-10B
  Pittsburgh, Pennsylvania
    15213

VANALSTINE, Donald DVA VANALSTINE@OFFICE-1
  Rome Air Development Center (315) 330-7011
    (ISIM) RADC-TIP
  Griffiss Air Force Base
  New York 13441

VANDERBURGH, Alex AV3 KEYDATA@USC-ISI
  Keydata Corporation (703) 527-1460
  1400 Wilson Boulevard ARPA-TIP
  Arlington, Virginia 22209

VEIZADES, Nicholas NV Network Address Not Known
  Stanford University Medical (415) 321-1200 ext 5815
    Center SUMEX-AIM
  SUMEX Project
  Stanford, California 94305

VEZZA, Albert AV AV@MIT-DMS
  Massachusetts Institute of (617) 253-1450
    Technology MIT-DMS
  Project MAC - PTD
  545 Technology Square
  Cambridge, Massachusetts 02139

VICTOR, Kenneth E. (Ken) KEV VICTOR@BBN-TENEXB
  Stanford Research Institute (415) 326-6200 ext 2298
  Augmentation Research Center SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

VIDAL, Jacques J. JJV VIDAL-0638@UCLA-CCN
  University of California (213) 825-2858
  3531 Boelter Hall UCLA-CCN
  Los Angeles, California 90024

VINT, John J. JJV2 NAC@USC-ISI
  Network Analysis Corporation (516) 671-9580
  Beechwood, Old Tappan Road NAC
  Glen Cove, New York 11542

VISWANATHAN, Ramamoorthy RV VISWANATHAN@BBN-TENEXD
  Bolt Beranek and Newman Inc. (617) 491-1850 ext 336
  50 Moulton Street BBN-TENEXD
  Cambridge, Massachusetts 02138

VITTAL, John   JV2   VITTAL@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

VOLK, Richard E.   REV   AFGWC@BBN-TENEX
  Air Force Global Weather   (402) 294-2676
    Central   GWC-TIP
  (MAC)/DO
  Offutt AFB, Nebraska 68113

VONDEROHE, Robert H.   RHV   Network Address Not Known
  University of Chicago   (312) 753-8776
  Institute for Computer   CHIU
    Research
  Chicago, Illinois 60637

WAAL, Peter C.   PCW   Network Address Not Known
  Applied Data Research, Inc.   (609) 921-8550
  Route 206   ADR
  Research Park Center
  Princeton, New Jersey 08546

WACTLAR, Howard D.   HDW2 WACTLAR@CMU-10A
  Carnegie-Mellon University   (412) 621-2600 ext 158
  Computer Science Department   CMU-10A
  Schenley Park
  Pittsburgh, Pennsylvania 15213

WADLER, Phil L.   PLW   Network Address Not Known
  Digital Systems Laboratory   (415) 497-1376
  ERL 415   SU-DSL
  Stanford University
  Stanford, California 94305

WAGENBRETH, Gene E.   GEW   SDAC@I4-TENEX
  Seismic Data Analysis Center   (703) 836-3882 ext 294
  Alexandria Laboratories   SDAC-TIP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

WAGNER, Josephine V.   JVW   DSDC-PR@OFFICE-1
  Air Force Data Systems Design   (205) 279-4311
    Center   GUNTER
  Directorate of Programs and
    Resources
  (BLD 205)
  Gunter AFS, Alabama 36114

WAHRMAN, Michael L.   MLW   Network Address Not Known
  University of California   (805) 961-2476 or
  Computation Center   961-2261
  Santa Barbara, California   UCSB-MOD75
    93106

WAKERLY, John F.   JFW   CERF@USC-ISI
  Stanford University   (415) 497-1366
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

WALDEN, David C.   DCW3 WALDEN@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 421
  50 Moulton Street   BBN-NCC
  Cambridge, Massachusetts 02138

WALDINGER, Richard J.   RJW   WALDINGER@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2216
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

WALKDON, F.   UK@USC-ISI
  Salford University   SALford-5843
  Department of Mathematics   LONDON
  Salford M5 4WT, ENGLAND

WALKER, Adrian   AW3   WALKER@RUTGERS-10
  Rutgers University   (201) 932-2119
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

WALKER, Don   DEW   WALKER@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 3071
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

WALKER, Gary   GW   Walker@MIT-MULTICS
  Massachusetts Institute of   (617) 253-5854
    Technology   MIT-ML
  Project MAC
  545 Technology Square
  Cambridge, Massachusetts 02139

WALKER, Robert K.   RKW   WALKER@RADC-MULTICS
  Rome Air Development Center   (315) 330-2501
    (ISF)   RADC-MULTICS
  Griffiss Air Force Base
  Rome, New York 13441

WALKER, Stephen T.   STW   WALKER@USC-ISI
  Advanced Research Projects   (202) 694-5037
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

WALL, Charles F.   CFW   WALL@I4-TENEX
  University of Hawaii   (808) 948-7490
  HAWAII-500 System   HAWAII-500
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

WALLACE, Donald C. (Smokey)   DCW   WALLACE@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4364
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

WALLACE, Michael A.   MAW2 COMRADE@OFFICE-1
  Naval Ship Research and   (202) 227-1622
    Development Center   NSRDC
  Code 1832
  Bethesda, Maryland 20034

WALSH, David W.   DWW   WALSH@USC-ISI
  Advanced Research Projects   (202) 694-1703
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

WALTON, Evelyn   EW2   UCLA-SECURITY@USC-ISI
  University of California   (213) 825-2756
  3804 Boelter Hall   UCLA-ATS
  Los Angeles, California 90024

WARNOCK, Eleanor H.   EHW2 WARNOCK@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 369
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

WARREN, Jim C.   JCW   Network Address Not Known
  Stanford University   (415) 497-1454
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

WARREN, Wayne A.   WAW2 SU-DSL@USC-ISI
  Stanford University   (415) 497-1444
  Digital Systems Laboratory   SU-DSL
  Stanford, California 94305

WARSHALL, Stephen   SW   WARSHALL@BBN-TENEXB
  Massachusetts Computer   (617) 245-9540
    Associates, Inc.   MCA
  26 Princess Street
  Wakefield, Massachusetts 01880

WATKINS, Shirley W.   SWW   SWW@BBN-TENEX
  National Bureau of Standards   (301) 921-2601
  Building 225, Room B216   NBS-ICST
  Washington, DC 20234

WATSON, Anna   AW2   NAVINFO@OFFICE-1
  Naval Coastal Systems Lab.   (904) 234-4423
  Panama City, Florida 32401   NSRDC

WATSON, Richard W.   RWW   WATSON@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 2013
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

WAX, David W.   DWW2 ALOHA@USC-ISI
  University of Hawaii   (808) 948-7490
  The ALOHA System   HAWAII-ALOHA
  2540 Dole Street, Holmes 486
  Honolulu, Hawaii 96822

WEBER, Roger W.   RWW2 WEBER@OFFICE-1
  Rome Air Development Center   (315) 330-2672
  (ISIM)   RADC-TIP
  Griffiss Air Force Base
  New York 13441

WEEKS, Rollin V.   RVW   ROLLIN@SDC-LAB
  System Development Corporation   (213) 829-7511 ext 7717
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

WEINBERG, Ann   POOH WEINBERG@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 4294
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue
  Menlo Park, California 94025

WEINER, Peter   PW2   WEINER@RAND-RCC
  The Rand Corporation   (213) 393-0411 ext 482
  1700 Main Street   RAND-ISD
  Santa Monica, California 90406

WEINSTEIN, Clifford J.   CJW2 LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 5465
    Technology   LL-11
  Lincoln Laboratory
  P. O. Box 73
  Lexington, Massachusetts 02173

WEINSTEIN, Meir S.   MSW2 MSW@SAIL
  California Institute of   (213) 795-6811 ext 2253
    Technology   SU-AI
  Information Science 286-80
  Pasadena, California 91125

WEISS, Sholom   SW2   WEISS@RUTGERS-10
  Rutgers University   (201) 932-2006
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

WEISSMAN, Clark   CW   WEISSMAN@SDC-LAB
  System Development Corporation   (213) 829-7511 ext 533
  2500 Colorado Avenue   SDC-LAB
  Santa Monica, California 90406

WELLS, Douglas M.   DMW   dmw@MIT-MULTICS
  Massachusetts Institute of   (617) 253-6012
    Technology   MIT-MULTICS
  Project MAC
  Computer Systems Research
    Division
  545 Technology Square
  Cambridge, Massachusetts 02139

WELSCH, Lawrence A.   LAW   WELSCH@RUTGERS-10
  Rutgers University   (201) 932-2001
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

WERBNER, Arthur   AW   NALCON@OFFICE-1
  Naval Underwater Systems Center   (203) 442-0771 ext 2493
  New London Laboratory   NSRDC
  New London, Connecticut 06320

WESSLER, Barry D.   BDW   WESSLER@USC-ISI
  Telenet Communications, Inc.   (202) 785-8444
  1666 K st. NW   TELENET-W
  Washington, D.C. 20006

WESTCOTT, Jil A.   JAW   JIL@MIT-DMS
  Massachusetts Institute of   (617) 253-3578
    Technology   MIT-DMS
  Project MAC - Programming
    Technology Division
  545 Technology Square
  Cambridge, Massachusetts 02139

WEXLER, Kenneth N.   KNW   Network Address Not Known
  University of California   (714) 833-6335
  School of Social Sciences   UCI
  Irvine, California 92664

WEYHRAUCH, Richard W.   RWW3   RWW@SU-AI
  Stanford University   (415) 497-4971
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

WEYL, Stephen A.   SAW   WEYL@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 2057
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

WHEELER, Omar   OW   LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 5541
    Technology   LL
  Lincoln Laboratory
  244 Wood Street
  Lexington, Massachusetts
    02173

WHITAKER, D. Anne   DAW   OWEN@USC-ISI
  Teledyne Geotech   (703) 836-3882 ext 286
  Alexandria Laboratories   SDAC-TIP
  Box 334
  Alexandria, Virginia 22313

WHITBY, Oliver W.   OWW   Network Address Not Known
  Stanford Research Institute   (415) 326-6200 ext 2791
  333 Ravenswood Avenue   SRI
  Menlo Park, California 94025

WHITE, George M.   GMW   WHITE@PARC-MAXC
  Xerox Palo Alto Research Center   (415) 494-4328
  3333 Coyote Hill Road   PARC-MAXC
  Palo Alto, California 94304

WHITE, James E. (Jim)   JEW   JWHITE@BBN-TENEXB
  Stanford Research Institute   (415) 326-6200 ext 2960
  Augmentation Research Center   SRI-ARC
  333 Ravenswood Avenue   ARC-RD
  Menlo Park, California 94025

WHITE, William C.   WCW   WHITE@SUMEX-AIM
  Stanford University   (415) 497-4878
  Serra House   SUMEX-AIM
  Department of Computer Science
  Stanford, California 94305

WHYTE, William W.   WWW3   OWEN@USC-ISI
  Teledyne Geotech   (703) 836-3882 ext 219
  Alexandria Laboratories   SDAC-TIP
  Box 334
  Alexandria, Virginia 22313

WIESEN, Raymond A.   RAW2   LINCOLN@BBN-TENEX
  Massachusetts Institute of   (617) 862-5500 ext 7885
    Technology   LL-11
  Lincoln Laboratory
  P. O. Box 73
  Lexington, Massachusetts 02173

WILBER, B. Michael   BMW   WILBER@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4593
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

WILBUR, Stephen R.   SRW   KIRSTEIN@USC-ISI
  University College London   01-387-3421 (UK)
  Department of Statistics and   LONDON-TIP
    Computer Science
  43 Gordon Square
  London WC1H OPD
  ENGLAND

WILCZYNSKI, David   DW   WILCZYNSKI@USC-ISIB
  University of Southern   (213) 822-1511
    California   USC-ISIB
  Information Sciences Institute
  Suite 1100
  4676 Admiralty Way
  Marina Del Rey, California
    90291

WILDE, Robert R.   RRW2   VSC@USC-ISI
  Seismic Data Analysis Center   (202) 325-7581
  Alexandria Laboratories   SDAC-CCP
  Teledyne Geotech
  Box 334
  Alexandria, Virginia 22313

WILKENS, Edward J.   EJW   WILKENS@RUTGERS-10
  Rutgers University   (201) 932-2019
  Department of Computer Science   RUTGERS-10
  Hill Center/Busch Campus
  New Brunswick, New Jersey
    08903

WILKES, M. V.   UK@USC-ISI
  Cambridge University   Cambridge 52-435
  Computer Laboratory   LONDON
  Corn Exchange Street
  Cambridge CB2 3QG
  ENGLAND

WILKINS, Kathleen S.   KSW   WILKINS@OFFICE-1
  Defense Communications   (703) 437-2266
    Engineering Center   DCEC
  1860 Wiehle Road
  Reston, Virginia 22090
  ATTN: Ms. Wilkins
  Code: R200

WILLIAMS, Connie A.   CAW   CWILLIAMS@BBN-TENEX
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 639
  50 Moulton Street   BBN-TENEX
  Cambridge, Massachusetts 02138

WILLIAMS, Donald S.   DSW   WILLIAMS@BBN-TENEX
  Jet Propulsion Laboratory   (213) 354-6508
  4800 Oak Grove Drive   BBN-TENEX
  Mail Stop 183-901
  Pasadena, California 91103

WINTZ, Paul A.   PAW   PURDUE@USC-ISI
    Purdue University   (317) 493-3364
    Electrical Engneering Building   PURDUE
    Room 279
    West Lafayette, Indiana 47907

WIRTH, Michael C.   MCW   RISOS@USC-ISI
    Lawrence Livermore Laboratory   (415) 447-1100 ext 8062
    P.O. Box 808, L-156   LLL-RISOS
    Livermore, California 94550

WISHNER, Richard P.   RPW   Network Address Not Known
    Systems Control, Inc.   (415) 327-9333
    1801 Page Mill Road   SCI
    Palo Alto, California 94304

WOLD, Priscilla A.   PAW2 WOLD@OFFICE-1
    Stanford Research Institute   (415) 326-6200 ext 2839
    Augmentation Research Center   SRI-ARC
    333 Ravenswood Avenue
    Menlo Park, California 94025

WOLF, Helen C.   HCW2 WOLF@SRI-AI
    Stanford Research Institute   (415) 326-6200 ext 4415
    Artificial Intelligence Center   SRI-AI
    333 Ravenswood Avenue
    Menlo Park, California 94025

WOLF, J. J.   JJW   WOLF@BBN-TENEXD
    Bolt Beranek and Newman Inc.   (617) 491-1850 ext 381
    50 Moulton Street   BBN-SPEECH-11
    Cambridge, Massachusetts 02138

WOLFBERG, Michael S.   MSW   WOLFBERG@USC-ISI
    Massachusetts Computer   (617) 245-9540
        Associates, Inc.   MCA
    26 Princess Street
    Wakefield, Massachusetts 01880

WOLFE, Matthew E.   MEW2 MEW@CCA-TENEX
    Computer Corporation of America   (617) 491-3670
    575 Technology Square   CCA-TENEX
    Cambridge, Massachusetts 02139

WOLFE, Stephen M.   SMW   WOLFE@UCLA-CCN
    University of California   (213) 825-7424
    Campus Computing Network   UCLA-CCN
    5628 Math Sciences Addition
    Los Angeles, California 90024

WOLFF, Richard R.   RRW   NAVMINI@OFFICE-1
    Naval Weapons Center   (714) 939-3040
    Code 3511   NSRDC
    China Lake, California 93555

WOLPERT, Thomas M.   TMW   SU-DSL@USC-ISI
    Stanford University   (415) 497-3088
    Digital Systems Laboratory   SU-DSL
    Stanford, California 94305

WONG, John W.   JWW   WONG;BIN(1200)@UCLA-CCN
    University of California   (213) 825-2756 or
        3771 Boelter Hall   825-2368
    Los Angeles, California 90024   UCLA-ATS

WILLIAMS, Ederyn   EW3   UK@USC-ISI
    University College, London   01-387-7255
    Dept. of Environmental Studies   LONDON-TIP
    172 Tottenham Court Road
    London W1
    ENGLAND

WILLIAMS, George T.   GTW   GTWilliams@MIT-MULTICS
    Massachusetts Institute   (617) 253-3735
        of Technology   MIT-MULTICS
    MIT-PDO 39-421
    77 Massachusetts Avenue
    Cambridge, Massachusetts 02139

WILLIS, Eric H.   EHW   WILLIS@USC-ISI
    Advanced Research Projects   (202) 694-3145
        Agency   ARPA-TIP
    1400 Wilson Boulevard
    Arlington, Virginia 22209

WILLIS, Paul A.   PW   OWEN@USC-ISI
    Teledyne Geotech   (703) 836-3882 ext 207
    Alexandria Laboratories   SDAC-TIP
    Box 334
    Alexandria, Virginia 22313

WILLNER, Stanley E.   SEW   COMRADE@OFFICE-1
    Naval Ship Research and   (202) 227-1622
        Development Center   NSRDC
    Code 1832
    Bethesda, Maryland 20034

WINGFIELD, Mike A.   MAW   WINGFIELD@OFFICE-1
    Rome Air Development Center   (315) 330-2672
    (ISIM)   RADC-TIP
    Griffiss Air Force Base
    New York 13441

WINOGRAD, Terry   TW   TW@SU-AI
    Stanford University   (415) 497-1963
    Artificial Intelligence   SU-AI
        Laboratory
    Computer Science Department
    Stanford, California 94305

WINSTON, Patrick H.   PW3   PHW@MIT-AI
    Massachusetts Institute of   (617) 253-6218
        Technology   MIT-AI
    Artificial Intelligence
        Laboratory
    545 Technology Square
    Cambridge, Massachusetts 02139

WINTER, Richard A.   RAW   RAW@CCA-TENEX
    Computer Corporation of America   (617) 491-3670
    575 Technology Square   CCA-TENEX
    Cambridge, Massachusetts 02139

WINTERS, G. A.   GAW   USAFETAC-SY@USC-ISI
    USAF-ETAC   (202) 433-3911
    Building 159   ETAC-TIP
    Navy Yard Annex
    Washington, DC 20333

WOOD, David C.   DCW2   MITRE@BBN-TENEX
  MITRE Corporation   (703) 790-6375
  1820 Dolley Madison Blvd.   MITRE-TIP
  Westgate Research Park
  McLean, Virginia 22101

WOOD, Patte A.   PAW3   PAW@SU-AI
  Stanford University   (415) 497-2800
  Artificial Intelligence   SU-AI
    Laboratory
  Computer Science Department
  Stanford, California 94305

WOODARD, Rich   RW2   WOODARD@BBN-TENEX
  Computer Science Center
    (4950/ADOO)   WPAFB-TIP
  Wright-Patterson AFB
  Ohio 45433

WOODLEY, Ruth M.   RMW   DSDC-SC@OFFICE-1
  Air Force Data Systems Design   (205) 279-4744
    Center (BLD 857)   GUNTER
  Directorate of Systems Control
  Gunter AFS, Alabama 36114

WOODS, William A.   WAW   WOODS@BBN-TENEXD
  Bolt Beranek and Newman Inc.   (617) 491-1850 ext 361
  50 Moulton Street   BBN-TENEXD
  Cambridge, Massachusetts 02138

WORCH, Peter R.   PRW   WORCH@OFFICE-1
  Advanced Research Projects   (202) 694-2723
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

WRUBLEWSKI, Melvin E.   MEW   WRUBLEWSKI@OFFICE-1
  Ballistics Research Laboratory   (301) 278-3383
  AMXBR-XA-CS   BRL
  Aberdeen Proving Ground
  Aberdeen, Maryland 21005

WULF, William A.   WAW3   WULF@CMU-10A
  Carnegie-Mellon University   (412) 621-2600 ext 164
  Computer Science Department   CMU-10A
  Schenley Park
  Pittsburgh, Pennsylvania 15213

WUSHOW, Chou   CW2   Network Address Not Known
  Network Analysis Corporation   (516) 671-9580
  Beechwood, Old Tappan Road   NAC
  Glen Cove, New York 11542

WYATT, Joe B.   JBW   WYATT@HARV-10
  Harvard University   (617) 495-3389
  Office for Information   HARV-10
    Technology
  1730 Cambridge, Massachusetts
    02138

YEE, Robert K.   RKY   YEE@USC-ISI
  Advanced Research Projects   (202) 694-3077
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

YEICH, Helga L.   HLY   HELGA@USC-ISI
  Advanced Research Projects   (202) 694-3236
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

YILMAZ, Sinan   SY2   KIRSTEIN@USC-ISI
  University College London   01-387-3421 (UK)
  Department of Statistics and   LONDON-TIP
    Computer Science
  43 Gordon Square
  London WC1H OPD
  ENGLAND

YINGLING, Angie R.   ARY   Network Address Not Known
  Ballistic Research Laboratories   (301) 278-4149 ext 2142
  Aberdeen Proving Ground   BRL
  Maryland 21005

YONKE, Marty D.   MDY   YONKE@USC-ISI
  University of Southern   (213) 822-1511
    California   USC-ISI
  Information Sciences Institute
  4676 Admiralty Way
  Marina Del Rey, California
    90291

YOUNG, Michael B.   MBY   YOUNG@USC-ISI
  Range Measurement Laboratory   (305) 494-2966
  Attn: ENLD   RML-TIP
  Patrick AFB, Florida 32925   RML-7

YOUNG, Robert A.   RAY2   RYOUNG@USC-ISI
  Advanced Research Projects   (202) 694-4001
    Agency   ARPA-TIP
  1400 Wilson Boulevard
  Arlington, Virginia 22209

ZATKALIK, Barry L.   BLZ   AFGWC@BBN-TENEX
  Air Force Global Weather   (402) 294-4934 or 3990
    Central (MAC)/AD   GWC-TIP
  Offutt Air Force Base
  Nebraska 68113

ZEGERS, Joe C.   JCZ   ZEGERS@SRI-AI
  Stanford Research Institute   (415) 326-6200 ext 4597
  Artificial Intelligence Center   SRI-AI
  333 Ravenswood Avenue
  Menlo Park, California 94025

ZELKOWITZ, Marvin   MZ   Network Address Not Known
  University of Maryland   (301) 454-4251
  Computer Science Center   UMD
  College Park, Maryland 20742

ZELLWEGER, Andres G.   AGZ   Network Address Not Known
  Dept. of Transportation   (202) 426-9271
  UMTA/URD-70   IND
  Room 6416
  2100 2nd Street, S.W.
  Washington D.C. 20590

ZIEBELL, June M.   JMZ   DSDC-XF@OFFICE-1
  Air Force Data Systems Design   (205) 279-4709
    Center (BLD 810)   GUNTER
  Directorate of Program
    Management (XF)
  Gunter AFS, Alabama 36114

ZIMMERMANN, Hubert   HZ   Network Address Not Known
   Reseau Cyclades   954-90-20
   Institut de Recherches   CYCLADES
      d´Informatique et
      d´Automatique (IRIA)
   78150 ROCQUENCOURT
   FRANCE

ZUE, Victor W.   VWZ   LINCOLN@BBN-TENEX
   Massachusetts Institute of   (617) 862-5500 ext 5728
     Technology   LL
   Lincoln Lab - Group 24
   244 Wood Street
   Lexington, Massachusetts 02173

ZYPHUR, Jack M.   JMZ2   NAVMINIQOFFICE-1
   Naval Undersea Center   (714) 225-2721 or AV
   Code 4531   933-2721
   San Diego, California 92132   NSRDC

INDIVIDUAL INDENTS INDEX

EWH	HISCOX, Ernie W.	GJC	CULLER, Glen J.	HPP	PETERSON, Phillip H.
EWM	MEYER, Edwin W.	GJG	GLEASON, Gerald J.	HRC	CHESLEY, Harry R.
EWM2	MERRIAM, E. William	GJM	MARTIN, Gloria Jean	HRG	GAMBLE, Hugh R.G.
EWS	STUBBS, Eugene W.	GJP	POPEK, Gerald J.	HRVZ	VAN ZOEREN, Harold R.
EZS	SWARTHE, Eric Z.	GL	LAWRENCE, George	HS2	SOLOW, Harold
FA	ANDREE, Fred	GLK	KINNISON, Gerald L.	HSE	ELOVITZ, Honey Sue
FAM	MCHALE, Frances A. (Toni)	GLS	STEELE, Guy L., Jr.	HSH	HUGHES, Herb S.
FAS	SEGOVICH, Fred A.	GMH	RUSHTON, Gail M.	HSM	MITCHELL, Herbert S.
FAT	TOBAGI, Fouad A.	GMW	WHITE, George M.	HWB	BRADLY, H. W.
FB	BAXTER, Faye	GNP	PETREGAL, George N.	HWB2	BRISCOE, Howard W.
FD3	DEIGNAN, Frank	GR	RAICHELSON, Eugene	HZ	ZIMMERMANN, Hubert
FDH	HILF, Franklin D.	GR2	RAO, Guru	IB	BORNSTEIN, Isaac
FEH	HEART, Frank E.	GRC2	CAMPBELL, George R.	IC	COHEN, Irving
FFL	LEJEUNE, Flanoid F.	GRG	GROSSMAN, Gary R.	IDH	HAWES, Iva D.
FGB	BRIGNOLI, Frank G.	GS	SUTHERLAND, Georgia	IG	GITMAN, Israel
FGH	HEATH, F. G.	GS2	SIMON, Gerald	IL	LEBOW, Irwin L.
FH	HAWRUSIK, Frank	GSB	BLUEHDORN, Gerald S.	ILA	AVRUNIN, I. Larry
FHU	ULMER, Frank H.	GSG	GOODFELLOW, Geoffrey S.	IMK	KAMENY, Iris M.
FIE	EDWARDS, Fred I.	GTW	WILLIAMS, George T.	IMM2	MOONEY, Irmell Marie
FJC	CORBATO, Fernando J.	GW	WALKER, Gary	IS	SUTHERLAND, Ivan
FJH	HILBING, Francis J.	HAH	HELM, Harry A.	ISN	NESBIT, Irene S.
FJN	NATOLI, Frank J.	HAL	LALLA, Hilary A.	ITF	FRISCH, Ivan T.
FJR	RODRIQUEZ, Francisco J.	HAS2	SPIES, Herbert A.	IWC	COTTON, Ira W.
FJT	TOMAINI, Frank J.	HB	BARROW, Harry	JA2	AURBACH, Jerry
FK	KUO, Franklin	HB2	BEZ, Herb	JA4	ANLIKER, James
FK2	KASTER, Fran	HB3	BROWN, Harold	JA5	ALLEN, Joann
FMH	HEARD, Florye M.	HB4	BUNGUM, Hilmar	JA6	AIKINS, Jan
FND	DIMAGGIO, Fred N.	HB5	BUSSEY, Howard	JAA	ARNTSON, John A.
FNK	KAMOUN, Farouk N.	HB6	BROWN, Hendricks	JAB	BARNETT, Jeff A.
FPA	ARIAIL, Frederick P.	HBB	BASKIN, Herbert B.	JAB2	BLUMKE, James A.
FPS	SLIWA, Frank P.	HC2	CHAUNCEY, Henry	JAB3	BAKER, James A.
FS	SHEARER, Fred	HC3	COLLARD, Harold	JAB4	BIALOSKY, Jane A.
FSC	COOPER, Frank S.	HCA	ANDREWS, Harry C.	JAB5	BECKER, Jerry A.
FSL	LAMONICA, Frank S.	HCB	BANKERT, Hilda C.	JAC	CLAFFEY, James A.
FWN	NIEDENFUHR, F. W.	HCF2	FORSDICK, Harry C.	JAC2	CROFT, Joann A.
FXB	BASKETT, Forest X.	HCL	LUDLAM, H. C. (Neil)	JAC3	CORNISH, Jan A.
GA	AGIN, Gerald	HCW2	WOLF, Helen C.	JAD	DEIROSSI, Jim A.
GAN	NORRIS, Garrett A.	HD	DUFFIELD, Howard C.	JAE	EINBINDER, J. A.
GAW	WINTERS, G. A.	HD2	DOERFEL, Harold	JAF2	FELDMAN, Jerry A.
GB2	BRYAN, Glenn L.	HDN	NEWBY, Harold D.	JAG3	GOGUEN, Joseph A.
GB4	BROWN, Geff	HDW2	WACTLAR, Howard D.	JAH	HALL, Jo Ann
GBM	MYERS, Gilbert B.	HEC	CLARK, Harold E.	JAJ	JACOBS, John A.
GC	CAMPBELL, Graham	HET	TILLITT, Harley E.	JAK2	KEENAN, John A.
GCD	DIXON, Gary C.	HF	FRANK, Howard	JAKE	FEINLER, Elizabeth J.
GD	DAVIS, Glenn	HF2	FISCHER, Hank	JAM	MOORER, James A.
GD2	DROMEY, Geoffrey	HF3	FOLK, Hugh	JAM3	MORRIS, James A.
GDC2	CAIN, Gerald D.	HFA	ARTHUR, Harold F.	JAP	PAYNE, Judd A.
GDG	GIBBONS, Greg D.	HG	GREBE, Hartmut	JAS	SMITH, John A.
GDG2	GOLDSTEIN, Gordon D.	HGL	LEHTMAN, Harvey G.	JAS2	STARKEY, James A.
GDS	SULLIVAN, Gerald D.	HGM	MURRAY, Hallam G.	JAT	TANAVAGE, Jane A.
GE	ESTRIN, Gerald	HGS	STUEBING, Henry G.	JAT2	TOWNLEY, Judy A.
GEA	ACKERMAN-LEWIS, Grace E.	HHH	HOLMES, Harvard H.	JAW	WESTCOTT, Jil A.
GEL	LINDAMOOD, George E.	HIT	THIRLAWAY, H. I. S.	JB2	BURREN, John W.
GEM	MAPLE, Gerald E.	HJS2	STERNICK, Herbert J.	JB3	BRAMLAGE, Judy
GER	RANDALL, George E.	HL	LIPINSKI, Hubert	JB4	BRAININ, Jack
GEW	WAGENBRETH, Gene E.	HLY	YEICH, Helga L.	JB5	BRUNINGA, Jack
GF	FALK, Gil	HM	MESSING, Howard	JBI	IRWIN, Joel B.
GFC	COULORIS, George F.	HMB	BUTLER, Howell M.	JBL	LEVIN, Joel B.
GG	GINDLIN, Gary	HME	ERNST, Herbert M.	JBL2	LUDWIG, June B.
GG2	GAUTHIER, Glen	HMF	FEDERHEN, Herbert M.	JBLL	LLOYD, James B.
GH	HENDRIX, Gary	HMH	HENNINGER, Herb M.	JBM	MOORE, Julie B.
GHH	HEILMEIER, George H.	HNC	CHRISTIANSEN, Henry N.	JBM2	MCLEAN, John B.
GHH2	HOLLOWAY, Glenn H.	HO	OPDERBECK, Holger	JBP	POSTEL, Jonathan B.
GHM	MEALY, George H.	HO2	O'NEIL, Harry	JBP2	PHILLIPPS, Janice B.
GHS	SHURE, Gerald H.	HPB	BAUMEL, Harvey P.	JBR	RUBIN, Jeffrey B.

JBR2	REID, Joseph B.	JGL	LASKI, John G.	JMT2	TENENBAUM, J. Martin
JBS	SMITH, John B.	JGM	MITCHELL, James G.	JMZ	ZIEBELL, June M.
JBS2	SAUTER, John B.	JGM2	MELLIS, James G.	JMZ2	ZYPHUR, Jack M.
JBW	WYATT, Joe B.	JGR	ROTHENBERG, Jeff	JN3	NABIELSKY, Jose
JC	MCMILLAN, John C.	JGR2	ROBINSON, John G.	JNH	HILL, Jesse N.
JC3	CHEN, Judy	JH	HART, James P.	JO	OIZUMI, Juro
JC4	CARLSTEDT, Jim	JH3	HARPER, John	JOAN	HAMILTON, Joan
JC5	CARLISLE, Jim	JH6	HOLSWORTH, James	JOC	CALVIN, Jim O.
JC6	CHRISTENSEN, Jeannette	JHB	BAIR, James H.	JP	PIPES, Jerry
JCB	BOW, Jean C.	JHB2	BROWN, J. Herbert	JP5	PEARLMAN, Joel
JCE	ECKL, John C.	JHC	CARSON, John H.	JP6	PETERSON, Jon
JCF	CIANFLONE, John	JHC2	CLARK, Jim H.	JPB2	BRAZY, Joseph P.
JCG	GILBERT, John C.	JHH2	HUTSON, James H.	JPC	CAVANO, Joe P.
JCM	MICHENER, James C.	JHK	KREMERS, Jan H.	JPG	GOLDEN, Jeffrey P.
JCM2	MORGENSTERN, John C.	JHK3	KIRKWOOD, Jo H.	JPH	HOFFMAN, John P.
JCM3	MCGILVARY, John C.	JHM	MCAFEE, John H.	JPK	KOBLISKI, Joan P.
JCN	NORTON, James C.	JHM2	MALMAN, Joel H.	JPL2	LESLIE, John P.
JCO	OLNEY, John C.	JHM3	MORRISON, Jerry H.	JPM	METZGER, John P.
JCP	PETERS, Jeffrey C.	JHM4	MORIYASU, Jeanne H.	JPR	ROCHE, John P.
JCRL	LICKLIDER, J. C. R.	JHP	POPA, James H.	JPS	SHORES, James Peterson
JCW	WARREN, Jim C.	JHS	SALTZER, Jerome H.	JR	REILLY, Judy
JCZ	ZEGERS, Joe C.	JI	ISELI, Jean	JRC	CHERNIACK, Jerry R.
JD	DAVIDSON, John M.	JIE	ELKIND, Jerome I.	JRE	EVANS, Jerald R.
JD3	DALEY, James	JJB	BESEMER, James J.	JRJ2	JENKINS, James R.
JD4	DORN, Joseph	JJF	FITZGERALD, James J.	JRJ3	JOHNSTON, John R.
JDB	BURCHFIEL, Jerry D.	JJG	GILLOGLY, James J.	JRL	LOW, James R.
JDB2	BROWN, J. David	JJG2	GOERTZ, James J.	JRL2	LOVETT, Joan R.
JDG	GUYTON, James D.	JJK	KING, Jonathan J.	JRM	MULLEN, John R.
JDH	HOPPER, J. D.	JJL	LUTKENHOUSE, Joel J.	JRM2	MILLER, James R.
JDH2	HUKILL, James D.	JJL2	LOWE, John J. (Jay)	JRP	PICKENS, John R.
JDJ	JENSEN, James D.	JJR2	RUMSEY, Judy J.	JRT	THOMAS, J. R.
JDM	MARKEL, John D.	JJR3	ROBINSON, Jane J.	JS	SPENCER, Jack
JDS	SMITH, J. D.	JJV	VIDAL, Jacques J.	JS2	SACK, John
JE	EAGLE, James	JJV2	VINT, John J.	JS3	SWETS, John
JE2	ELLENBY, John	JJW	WOLF, J. J.	JSB	BROWN, John Seely
JEB	BERGER, Jon E.	JK3	KRESH, Jack	JSB2	BOWDEN, Joan S.
JEB2	BERLINER, Jeffrey E.	JK4	KASTNER, John	JSB3	BROWN, John S.
JED	DONNELLEY, James E. (JED)	JK5	KATZ, Joe	JSF	FREIBERG, Jerry S.
JEG	GILLIKIN, Jack E.	JKB2	BROUSIL, James K.	JSF2	FYFE, John S.
JEK2	KUTULUS, John E.	JL	LEDERBERG, Joshua	JSK	KRAVITZ, Jody S.
JEM	MATHIS, Jim E.	JL3	LEVIN, Jim	JSM	MACKAY, John S.
JEMS	SUSSMAN, Julie E.M.	JLA	ADAMS, James L.	JT	TUCKER, Jeremy
JER	RUNNINGER, John E.	JLC	CRABTREE, Johnny L.	JT3	TIERNEY, Joseph
JES	HUMMEL, June Shoup	JLD	DILWORTH, John L.	JT4	TAGGART, John
JES2	SLOTTOW, Joan E.	JLE	EHARDT, Joseph L.	JTH	HARRISON, John T.
JEW	WHITE, James E. (Jim)	JLE2	ESTRIN, Judith L.	JTT2	TIPPIT, James T.
JF2	FITZSIMMONS, Jerry	JLL	LITTLE, John L.	JV2	VITTAL, John
JF3	FREEMAN, Jack	JLM	MCNAMARA, John L.	JVB	BOTTO, James V.
JF6	FRIEDMAN, Joyce	JLM3	MILLER, John L.	JVW	WAGNER, Josephine V.
JF7	FARRELL, Gerald P.	JM	MAKHOUL, John	JW3	WHEAT, Jerry
JFF	FEMIA, Joe F.	JM2	MOSES, Joel	JWB	BENOIT, John W.
JFH	HEAFNER, John F.	JM3	MINKER, Jack	JWB2	BOTTOMS, John W.
JFH2	HAVERTY, John F.	JM6	MITCHELL, Jonathan	JWB3	BAILEY, Gerald W.
JFR	RULIFSON, Johns (Jeff) F.	JM8	MOORE, Jim	JWF	FORGIE, James W.
JFT	TRAUB, Joseph F.	JMB	BECK, Jeanne M.	JWG	GOODWIN, Jim W.
JFV	VALLEE, Jacques F.	JMC	MCCARTHY, John	JWH	HYDE, James W.
JFW	WAKERLY, John F.	JMF	FRANKOVICH, John M.	JWK	KLOVSTAD, John (Jack) W.
JG3	GROSS, Jean M.	JMG2	GALLUP, Jeff M.	JWR	RIGNEY, Joseph W.
JG4	GALKOWSKI, Jan	JMH	HILL, Jeffrey M.	JWW	WONG, John W.
JG5	GRISSOM, Joel	JML	LEAVITT, Jeanne M.	KAM	AH MAI, Karen
JG6	GITLIN, Jeffrey	JML2	LIEB, James M.	KAP	PULLEN, Keats A.
JG7	GOODSON, John	JMM	MADDEN, James M.	KAP2	PETERSON, Kate A.
JG8	GOLDBERG, Joel	JMM2	MCQUILLAN, John M	KBB	BARTHELMESS, Kurt B.
JG9	GUSTAFSON, Judy	JMP	PEPIN, James M.	KCK	KELLEY, Karl C.
JGC	COLE, Jonathon G.	JMS	STRAYHORN, John M.	KDS	SHAW, K. Diane

TFL	LAWRENCE, Thomas F.	VRB	BRUFFEY, Vernon R.	WHM	MANNING, Walter H.
TG	GRAY, Terry	VRL	LESSER, Victor R.	WHP	PAXTON, William H.
TGS	STOCKHAM, Thomas G.	VS	SPEER, Virginia	WHR	RUSSELL, William H.
TH	HAUGLAND, Torstein	VWZ	ZUE, Victor W.	WJB	BOUKNIGHT, W. Jack
TH2	HSU, Tau	WAB	BANGERT, W. A.	WJL	LONG, William J.
THL	LAUTENSCHLAGER, Thurman H.	WAB2	BRACKENRIDGE, William A.	WK	KANTROWITZ, William
THM	MYER, T. H.	WAF	FREEMAN, William A.	WKE	ENGLISH, William K.
THP	PROCH, Terry H.	WAL	LEA, Wayne A.	WKL	LEE, Wrenwick K.
THS	STRONG, Thomas H.	WAM2	MARTIN, W. A.	WKP	PRATT, William K.
TJB	BARKALOW, Thomas J.	WAM3	MONTGOMERY, Warren A.	WL	LASHER, William
TJB2	BUCCIERO, Thomas J.	WAW	WOODS, W. A.	WLA	ANDREWS, William L.
TJC	COOK, Tom J.	WAW2	WARREN, Wayne A.	WLG	GALLOWAY, William L.
TL	LEE, Ted	WAW3	WULF, William A.	WLP	PRICE, W. L.
TLB2	BOYNTON, Thomas L.	WB	BILOFSKY, Walter	WR3	ROTHFARB, William
TLC	CAUTHEN, Thomas L.	WBB	BARKER, W. B.	WRB	BUSH, William R.
TM2	MITCHELL, Tom	WBE	EASTON, William B.	WRC	CROWTHER, Will R.
TMK	KNOX, T. M.	WBK	KEHL, William B.	WRC2	CONRAD, William R.
TMM	MARILL, Thomas M.	WC	CANILLAS, Wanda	WRR	ROBEY, Wayne R.
TMW	WOLPERT, Thomas M.	WC2	CARLSON, Warren	WRS2	SUTHERLAND, William R.
TNP	PYKE, Thomas N.	WC3	CLANCEY, William	WRS3	SWANSTROM, William R.
TO	O'SULLIVAN, Thomas	WC4	CHOU, Wushow	WS	STEIGER, William
TOB	BINFORD, Thomas O.	WCB	BRYSON, W. C.	WT	TEITELMAN, Warren
TP	PANOFSKY, Ted	WCD	DEAN, William C.	WT2	TIPPIT, William
TPH	HITCHCOCK, Thomas P.	WCG	GORHAM, William C.	WTC	CRABB, William T.
TPM	MILKE, Tom P.	WCM	MANN, William C.	WTP	PARK, William T.
TRD	DINES, Thomas R.	WCW	WHITE, William C.	WWL	LICHTENBERGER, W. Wayne
TRL	LICKLIDER, Tracy R.	WD	DETTWILER, W.	WWP	PLUMMER, William W.
TRR	RHODES, Thomas R.	WEC	CARLSON, William E.	WWP2	PATTERSON, William W.
TRS	STROLLO, Ted R.	WEN	NAYLOR, William E.	WWW3	WHYTE, William W.
TS	SCHIPPER, Tjaart	WER	RZEPKA, William E.	WZR	RUGGERI, William Z.
TS3	SAKAI, Toshiyuki	WF	FABENS, William	YE	EBIHARA, Yoshihiko
TSH	HUANG, Thomas S.	WFF	FRIESMA, William F	YKD	DALAL, Yogen K.
TVR	MOCK, Tovar	WFK	KAUFFMAN, William F.	YL	LUNDH, Yngvar G.
TW	WINOGRAD, Terry	WFM	MANN, William F.	YP	PEDUEL, Yuval
VGC	CERF, Vinton G.	WFS	STINSON, William F.		
VJT	TRIOLO, Victor J.	WH	HELTERBRAN, Wayne		
VLK	KALLAL, Virginia L.	WH3	HORNISH, William		
VMG	GROSS, Virginia M.	WHB	BROADLEY, William H.		
VMS	STRAZISAR, Virginia M.	WHG	GREIMAN, Bill H.		
VP	PRATT, Vaughn	WHL	LEVISON, William H.		

NETWORK HOST ACRONYMS

ADR	Applied Data Research, Inc.
AFWL-TIP	Air Force Weapons Command Kirtland Air Force Base
ALOHA-TIP	University of Hawaii The ALOHA System
AMES-11	NASA Ames Research Center Network Graphics Group
AMES-67	NASA Ames Research Center Computation Division
AMES-TIP	NASA Ames Research Center Computation Division
ANL	Argonne National Laboratory
ARC-RD	Stanford Research Institute Augmentation Research Center
ARPA-DMS	Advanced Research Projects Agency Data Management System
ARPA-TIP	Advanced Research Projects Agency
ASL	Albuquerque Seismic Laboratory
BBN-11X	Bolt Beranek and Newman, Inc.
BBN-11XB	Bolt Beranek and Newman, Inc.
BBN-1D	Bolt Beranek and Newman, Inc.
BBN-NCC	Bolt Beranek and Newman, Inc.
BBN-SAT	Bolt Beranek and Newman, Inc.
BBN-SPEECH-11	Bolt Beranek and Newman, Inc.
BBN-TENEX	Bolt Beranek and Newman, Inc.
BBN-TENEXA	Bolt Beranek and Newman, Inc.
BBN-TENEXB	Bolt Beranek and Newman, Inc.
BBN-TENEXD	Bolt Beranek and Newman, Inc.
BBN-TESTIP	Bolt Beranek and Newman, Inc.
BBN10X-TIP	Bolt Beranek and Newman, Inc.
BELVOIR	U. S. Army Mobility Equipment Research and Development Center Fort Belvoir, Virginia
BNL	Brookhaven National Laboratory Applied Mathematics Department
BRL	Ballistics Research Laboratories, Aberdeen Proving Ground, Maryland
CCA-SIP	Computer Corporation of America
CCA-TENEX	Computer Corporation of America
CCA-TIP	Computer Corporation of America
CHII	Culler-Harrison, Inc.
CMU-10A	Carnegie-Mellon University Computer Science Department

CMU-10B	Carnegie-Mellon University Computer Science Department
CMU-11	Carnegie-Mellon University Carnegie Multi-Mini Project
CMU-CC	Carnegie-Mellon University Computation Center
DOCB-TIP	U. S. Department of Commerce National Oceanic and Atmospheric Administration
EGLIN	Air Defense Tactical Command Eglin Air Force Base
ETAC	Environmental Technical Application Center USAF
ETAC-TIP	Environmental Technical Application Center USAF
FNWC	Fleet Numerical Weather Central USN
FNWC-TIP	Fleet Numerical Weather Central USN
GUNTER	Air Force Data Systems Design Center Simulation and Analysis Branch Gunter Air Force Station, Alabama
GWC-TIP	Air Force Global Weather Central
HARV-1	Harvard University Aiken Computation Laboratory
HARV-10	Harvard University Aiken Computation Laboratory
HASKINS	Haskins Laboratories
HAWAII-500	University of Hawaii
HAWAII-ALOHA	University of Hawaii The ALOHA System
I4-ELF	Institute for Advanced Computation
I4-TENEX	Institute for Advanced Computation
I4B-TENEX	Institute for Advanced Computation
ILL-CAC	University of Illinois Center for Advanced Computation
ILL-NTS	University of Illinois Center for Advanced Computation
ISI-SPEECH11	University of Southern California Information Sciences Institute
ISI-TIP	University of Southern California Information Sciences Institute
ISI-XGP11	University of Southern California Information Sciences Institute
LBL	Lawrence Berkeley Laboratory, ERDA
LL	Massachusetts Institute of Technology Lincoln Laboratory Computer Systems Group
LL-11	Massachusetts Institute of Technology Lincoln Laboratory

LL-ASG	Massachusetts Institute of Technology Lincoln Laboratory Applied Seismology Group	RADC-TIP	Rome Air Development Center USAF
LL-TSP	Massachusetts Institute of Technology Lincoln Laboratory	RAND-ISD	Rand Corporation Information Sciences Department
LLL-RISOS	Lawrence Livermore Laboratory, ERDA	RAND-RCC	Rand Corporation Computer Science Department
LONDON	Rutherford High Energy Laboratory Chilton, England	RML-7	Range Measurements Laboratory Patrick Air Force Base, Florida
LONDON-TIP	University College London Department of Statistics and Computer Science	RML-TIP	Range Measurements Laboratory Patrick Air Force Base, Florida
LONDON-VDH	Computer Aided Design Centre, Atlas Cambridge, England	ROCHESTER	University of Rochester Department of Computer Science
MIT-AI	Massachusetts Institute of Technology Artificial Intelligence Laboratory	RUTGERS-10	Rutgers University Department of Computer Science
MIT-DEVMULTICS	Massachusetts Institute of Technology Project MAC, Computer Systems Research Div	RUTGERS-TIP	Rutgers University Department of Computer Science
MIT-DMS	Massachusetts Institute of Technology Dynamic Modeling System Project MAC, Programming Technology Div	SCI-TENEX	Systems Control, Inc.
		SCRL-ELF	Speech Communications Research Laboratory
		SCRL-ELFDEVEL	Speech Communications Research Laboratory
MIT-ML	Massachusetts Institute of Technology Mathlab	SDAC-44	Seismic Array Analysis Center Teledyne Geotech
MIT-MULTICS	Massachusetts Institute of Technology Information Processing Services	SDAC-CCP	Seismic Array Analysis Center Teledyne Geotech
MITRE-TIP	Mitre Corporaton National Systems Design Department	SDAC-DP	Seismic Array Analysis Center Teledyne Geotech
NBS-ICST	National Bureau of Standards Institute for Computer Sciences and Technology	SDAC-NEP	Seismic Array Analysis Center Teledyne Geotech
		SDC-CC	System Development Corporation Applied Research Department
NBS-TIP	National Bureau of Standards	SDC-LAB	System Development Corporation Applied Research Department
NCC-TIP	Bolt Beranek and Newman, Inc.	SRI-AI	Stanford Research Institute Artificial Intelligence Center
NORSAR-40A	Royal Norwegian Council For Scientific and Industrial Research	SRI-ARC	Stanford Research Institute Augmentation Research Center Network Information Center
NORSAR-40B	Royal Norwegian Council For Scientific and Industrial Research	SRI-CBC11	Stanford Research Institute Artificial Intelligence Center
NORSAR-TIP	Royal Norwegian Council For Scientific and Industrial Research		
NSA	National Security Agency	SRI-IA11	Stanford Research Institute Artificial Intelligence Center
NYU	New York University	SRI-NSC11	Stanford Research Institute Artificial Intelligence Center
OFFICE-1	Stanford Research Institute Augmentation Research Center	SRI-PKT11	Stanford Research Institute Packet Radio Group
OT-ITS	U. S. Department of Commerce Office of Telecommunication Institute for Telecommunication Sciences	SU-AI	Stanford University Artificial Intelligence Laboratory
PARC-11	Xerox Palo Alto Research Center	SU-DSL	Stanford University Digital Systems Laboratory
PARC-MAXC	Xerox Palo Alto Research Center		
PARC-VTS	Xerox Palo Alto Research Center		
PURDUE	Purdue University Department of Electrical Engineering	SUMEX-AIM	Stanford University Medical Center SUMEX Project
RADC-MULTICS	Rome Air Development Center USAF	TYMSHARE-TIP	Tymshare, Inc.

UCB	University of California, Berkeley Computer Science Division
UCLA-ATS	University of California, Los Angeles Advanced Teleprocessing Systems
UCLA-CCBS	University of California, Los Angeles Center for Computer-Based Behavioral Studies
UCLA-CCN	University of California, Los Angeles Campus Computing Network
UCSB-MOD75	University of California, Santa Barbara Computation Center
UCSD-CC	University of California, San Diego Computer Center
USC-44	University of Southern California Engineering Computer Laboratory
USC-ECL	University of Southern California Engineering Computer Laboratory

USC-ISI	University of Southern California Information Sciences Institute
USC-ISIB	University of Southern California Information Sciences Institute
USC-ISIC	University of Southern California Information Sciences Institute
USC-TIP	University of Southern California Engineering Computer Laboratory
UTAH-10	University of Utah Computer Science Department
UTAH-TIP	University of Utah Computer Science Department
WPAFB-TIP	Aeronautical Systems Division Computer Center Wright-Patterson AFB

NETWORK HOSTS AND ASSOCIATES

Advanced Research Projects Agency   ARPA-TIP
1400 Wilson Boulevard   ARPA-DMS
Arlington, Virginia 22209

Aeronautical Systems Division   WPAFB-TIP
Computer Center
4950/ADDO
Wright-Patterson Air Force Base
Ohio 45433

Air Force Armament Development and   EGLIN
    Test Center (AFSC)
ADTC/TSX
Eglin Air Force Base, Florida 32542

Air Force Data Systems Design Center   GUNTER
Simulation and Analysis Branch
Gunter Air Force Station
Alabama 36114

Air Force System Command (ACDO)
Andrews Air Force Base
Washington, D.C. 20334

Air Force Weapons Laboratory/ADP   AFWL-TIP
Kirtland Air Force Base
New Mexico 87116

Albuquerque Seismic Laboratory   ASL
U.S. Geological Survey
Computer Room, Bldg. 10009
Kirtland Air Force Base East
Albuquerque, New Mexico 87115

Applied Data Research, Inc.   ADR
Route 206, Research Park Center
Princeton, New Jersey 08546

Argonne National Laboratory   ANL
Applied Mathematics Division
Building 221
9700 South Cass Avenue
Argonne, Illinois 60439

Ballistic Research Laboratories   BRL
Attn: ANX BR-XA
Aberdeen Proving Ground
Maryland 21005

Bolt Beranek And Newman, Inc.   BBN-1D
50 Moulton Street   BBN-11X
Cambridge, Massachusetts 02138   BBN-11XB
    BBN-NCC
    BBN-SAT
    BBN-SPEECH-11
    BBN-TENEX
    BBN-TENEXA
    BBN-TENEXB
    BBN-TENEXD
    BBN-TESTIP
    BBN1OX-TIP
    NCC-TIP

Brookhaven National Laboratory   BNL
Applied Mathematics Department
Upton, Long Island
New York 11973

Cabledata Associates, Inc.
701 Welch Road
Palo Alto, California 94304

Carnegie-Mellon University   CMU-11
Carnegie Multi-Mini Project
Schenley Park
Pittsburgh, Pennsylvania 15213

Carnegie-Mellon University   CMU-CC
Computation Center
Schenley Park
Pittsburgh, Pennsylvania 15213

Communications Research Center
P.O. Box 490 - Station A
Ottawa, CANADA K1N 8T5

Computer Aided Design Centre, Atlas   LONDON-VDH
Cambridge
ENGLAND

Computer Corporation of America   CCA-SIP
575 Technology Square   CCA-TENEX
Cambridge, Massachusetts 02139   CCA-TIP

Culler-Harrison, Inc.   CHII
150-A Aero Camino
Goleta, California 93017

Dartmouth University
Kiewit Computation Center
Hanover, New Hampshire 03755

Defense Communications Agency   DCA
Washington, D.C. 20305

Defense Communications Engineering
    Center
1860 Wiehle Road
Reston, Virginia 22090

Department of Transportation
Transportation Systems Center
TC - 55 Broadway
Cambridge, Massachusetts 02142

EDUCOM
P.O. Box 364
Princeton, New Jersey 08540

Environmental Technical   ETAC
    Application Center USAF   ETAC-TIP
Building 159
Navy Yard Annex
Washington, D.C. 20333

Fleet Numerical Weather Central USN   FNWC
Monterey, California 93940   FNWC-TIP

Global Weather Central USAF   GWC-TIP
    (MAC)/DO
Offutt Air Force Base
Nebraska 68113

Harvard University   HARV-1
Aiken Computation Laboratory   HARV-10
33 Oxford Street
Cambridge, Massachusetts 02138

Haskins Laboratories   HASKINS
270 Crown Street
New Haven, Connecticut 06510

Hudson Institute
Croton-on-Hudson
New York 10520

Institute for Advanced Computation   I4-ELF
1095 Duane Avenue   I4-TENEX
Sunnyvale, California 94086   I4B-TENEX

Institute for the Future
2740 Sand Hill Road
Menlo Park, California 94025

Kyoto University
Department of Information Science
Yoshida-honmachi, Sakyo-ku
Kyoto, JAPAN

L.G. Hanscom Field
Hq. ESD/MCI
Stop 36
Bedford, Massachusetts 01730

Lawrence Berkeley Laboratories   LBL
Math and Computing Group
Building 50A, Room 1143
Berkeley, California 94720

Lawrence Livermore Laboratory   LLL-RISOS
Box 808
Livermore, California 94550

Logica Ltd.
31-36 Foley Street
London W1
UNITED KINGDOM

MERIT Computer Network
University of Michigan
1037 North University Building
Ann Arbor, Michigan 48104

MITRE Corporation   MITRE-TIP
National Systems Design Department, W185
1820 Dolley Madison Blvd.
Westgate Research Park
McLean, Virginia 22101

Massachusetts Computer Associates, Inc.
26 Princess Street
Wakefield, Massachusetts 01880

Massachusetts Institute of Technology   MIT-AI
Artificial Intelligence Laboratory
545 Technology Square
Cambridge, Massachusetts 02139

Massachusetts Institute of Technology   MIT-DMS
Dynamic Modeling System
Project MAC, Programming Technology Division
545 Technology Square
Cambridge, Massachusetts 02139

Massachusetts Institute of Technology   MIT-MULTICS
Information Processing Services
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

Massachusetts Institute of Technology   LL-11
Lincoln Laboratory   LL-TSP
244 Wood Street
Lexington, Massachusetts 02173

Massachusetts Institute of Technology   LL-ASG
Lincoln Laboratory
Applied Seismology Group
42 Carleton Street
Cambridge, Massachusetts 02142

Massachusetts Institute of Technology   LL
Lincoln Laboratory
Computer Systems Group
244 Wood Street
Lexington, Massachusetts 02173

Massachusetts Institute of Technology   MIT-ML
Mathlab
545 Technology Square
Cambridge, Massachusetts   02139

Massachusetts Institute of Technology   MIT-DEVMULTICS
Project MAC, Computer Systems Research
  Division
545 Technology Square
Cambridge, Massachusetts 02173

NASA Ames Research Center   AMES-67
Computation Division   AMES-TIP
Mail Stop 233-9
Moffett Field, California   94035

NASA Ames Research Center   AMES-11
Network Graphics Group
Mail Stop 233-9
Moffett Field, California 94035

National Bureau of Standards   NBS-ICST
Institute for Computer Sciences and   NBS-TIP
  Technology
Washington D.C. 20234

National Climatic Center   NCC
Federal Building
Asheville, N.C.   28801

National Physical Laboratory
Computer Science Division
Teddington, Middlesex
ENGLAND

National Science Foundation
Office of Computing Activities
1800 G Street, N.W.
Washington, D.C. 20550

National Security Agency   NSA
Fort George G. Meade
Maryland 20755

Naval Ship Research and Development
  Center
Code 1830
Bethesda, Maryland 20034

Naval Undersea Center
Department of the Navy
Undersea Surveillance Division
San Diego, California 92132

Network Analysis Corporation
Beechwood, Old Tappan Road
Glen Cove, New York 11542

New York University   NYU
251 Mercer Street
New York, New York 10012

Norwegian Defense Research
    Establishment
P.O. Box 25
2007 Kjeller
NORWAY

Office of Naval Research
Information Systems Programs
800 North Quincy Street
Arlington, Virginia 22217

Ohio State University
2024 Neil Avenue
Columbus, Ohio 43210

Packet Communications Inc.
176 2nd Avenue
Waltham, Massachusetts 02154

Purdue University   PURDUE
Electrical Engineering Department
West Lafayette, Indiana 47907

Range Measurements Laboratory   RML-7
Attn: ENLD   RML-TIP
Patrick Air Force Base
Florida 32925

Reseau Cyclades
Institut de Recherches d'Informatique
    et d'Automatique (IRIA)
78150 Rocquencourt
FRANCE

Rome Air Development Center   RADC-MULTICS
Griffiss Air Force Base   RADC-TIP
Rome, New York 13441

Royal Norwegian Council For Scientific   NORSAR-40A
    And Industrial Research   NORSAR-40B
NTNF/NORSAR   NORSAR-TIP
P.O. Box 51
N2007 Kjeller
NORWAY

Rutgers University   RUTGERS-10
Department of Computer Science   RUTGERS-TIP
Hill Center/Busch Campus
New Brunswick, New Jersey 08903

Rutherford High Energy Laboratory   LONDON
Chilton, ENGLAND

SUNY Stony Brook
Department of Computer Science
Stony Brook, L.I., N.Y. 11790

Seismic Data Analysis Center   SDAC-44
Alexandria Laboratories   SDAC-DP
Teledyne Geotech   SDAC-CC
Box 334   SDAC-NEP
Alexandria, Virginia 22313   SDAC-TIP

Speech Communications Research   SCRL-ELFDEVEL
    Laboratory, Inc.   SCRL-ELF
800 Miramonte Drive
Santa Barbara, California 93109

Sperry Univac   UNIVAC
Univac Park
Mail Station UOP16
P.O. Box 3525
St. Paul, Minnesota 55165

Stanford Research Institute   SRI-AI
Artificial Intelligence Center   SRI-CBC11
333 Ravenswood Avenue   SRI-IA11
Menlo Park, California 94025   SRI-NSC11

Stanford Research Institute   ARC-RD
Augmentation Research Center   OFFICE-1
333 Ravenswood Avenue   SRI-ARC
Menlo Park, California 94025

Stanford Research Institute   SRI-PKT11
Packet Radio Group
333 Ravenswood Avenue
Menlo Park, California 94025

Stanford University   SU-AI
Artificial Intelligence Laboratory
Computer Science Department
Stanford, California 94305

Stanford University   SU-DSL
Digital Systems Laboratory
Stanford, California 94305

Stanford University Medical Center   SUMEX-AIM
SUMEX Project
Stanford, California 94305

System Development Corporation   SDC-CC
Applied Research Department   SDC-LAB
2500 Colorado Avenue
Santa Monica, California 90406

Systems Control, Incorporated   SCI-TENEX
1801 Page Mill Road
Palo Alto, California 94304

The Rand Corporation   RAND-ISD
Information Sciences Department
1700 Main Street
Santa Monica, California 90406

The Rand Corporation   RAND-RCC
Rand Computation Center
1700 Main Street
Santa Monica, California 90406

Tymshare, Inc.   TYMSHARE-TIP
10201 Bubb Road
Cupertino, California 95014

U. S. Army Mobility Equipment   BELVOIR
    Research and Development Center
Commanding Officer/USAMERDC
STSFB-BC
Fort Belvoir, Virginia 22060

U. S. Army War College
Carlisle Barracks
Pennsylvania 17013

U. S. Department of Commerce   DOCB-TIP
National Oceanographic and Atmospheric
    Administration/(NOAA)
325 South Broadway
Boulder, Colorado 80302

U. S. Department of Commerce   OT-ITS
Office of Telecommunication
Inst. for Telecommunication Sci.
325 Broadway
Boulder, Colorado 80302

Universite de Liege
Faculte des Sciences Appliquees
Regulation et Automatique
Avenue des Tilleuls, 49
B-4000 Liege BELGIUM

Universite du Quebec
2875 Boul. Laurier
Ste-Foy, Quebec 10
CANADA

University College London   LONDON-TIP
Department of Statistics and Computer
   Science
43 Gordon Square
London WC1H OPD
ENGLAND

University of British Columbia
Computing Centre
Vancouver 8, British Columbia
CANADA

University of California
Department of Information and Computer
   Science
Irvine, California 92664

University of California   UCLA-ATS
Advanced Teleprocessing Systems
Computer Sciences Department
3732 Boelter Hall
Los Angeles, California 90024

University of California   UCLA-CCN
Campus Computing Network
5628 Math Sciences Addition
Los Angeles, California 90024

University of California   UCLA-CCBS
Center for Computer-based Behavioral
   Studies
405 Hilgard Avenue
Los Angeles, California 90024

University of California   UCSB-MOD75
Computation Center
Santa Barbara, California 93106

University of California   UCB
Computer Science Division
Room 583, Evans Hall
Berkeley, California 94720

University of California at San Diego   UCSD-CC
UCSD Computer Center
Box 109
La Jolla, California 92037

University of Chicago
Institute for Computer Research
Chicago, Illinois 60637

University of Hawaii   ALOHA-TIP
The ALOHA System   HAWAII-ALOHA
2540 Dole Street, Holmes 486
Honolulu, Hawaii 96822

University of Hawaii   HAWAII-500
HAWAII-500 System
2540 Dole Street
Honolulu, Hawaii 96822

University of Illinois   ILL-CAC
Advanced Computation Building   ILL-NTS
Center for Advanced Computation
Urbana, Illinois 61801

University of Maryland
Computer Science Center
College Park, Maryland 20742

University of Rochester   ROCHESTER
Department of Computer Science
Rochester, New York 14627

University of Southern California   USC-44
Engineering Computer Laboratory   USC-ECL
Powell Hall of Information Sciences   USC-TIP
Los Angeles, California 90007

University of Southern California   ISI-SPEECH11
Information Sciences Institute   ISI-TIP
4676 Admiralty Way   ISI-XGP11
Marina Del Rey, California 90291   USC-ISI
                                             USC-ISIB
                                             USC-ISIC

University of Utah   UTAH-10
Computer Science Department   UTAH-TIP
3160 Merrill Engineering Building
Salt Lake City, Utah 84112

Xerox Palo Alto Research Center   PARC-11
3333 Coyote Hill Road   PARC-VTS
Palo Alto, California 94304   PARC-MAXC

NETWORK GROUPS

IDENT	GROUP NAME	CORDINATOR
ASG	ANTS Support Group	Kelley, K C (KELLEY@BBN)
ASS	Arpanet Satellite System Group	Walden, D C (WALDEN@BBN)
CBIG	Computer Based Instruction Group	O'Sullivan, T (O'SULLIVAN@ISI)
EWG	Elf Followers	Retz, D L (RETZ@BBNB)
IIG	Imlac Interest Group	Belleville, R L (BELLEVILLE@BBNB)
INWG	International Network Working Group	Cerf, V G (CERF@ISI)
INWG1	International Packet Network Working Group	Cerf, V G (CERF@ISI)
INWG2	International Packet Network Working Group	Cerf, V G (CERF@ISI)
KWAC	Knowledge Workshop Architect Community	Norton, J C (NORTON@OFFICE-1)
NGG	Network Graphics Group	Michener, J C (JCM@MIT-DMS)
NLG	Network Liaison Group	Feinler, E J (FEINLER@BBNB)
NMG	Network Measurement Group	Naylor, W E (NAYLOR@ISI)
NSC	Network Speech Compression Group	Kahn, R E (KAHN@ISI)
NSW	National Software Works Group	Postel, J B (POSTEL@BBNB)
NWG	Network Working Group	Postel, J B (POSTEL@BBNB)
PI	Principal Investigators	Licklider, J C R (LICKLIDER@ISI)
PRG	Packet Radio Group	Frank, H (NAC@ISI)
P11	P11 TENEX Group	Boynton, T L (BOYNTON@ISIB)
SCHOLAR	BBN-Scholar Group	Grignetti, M C (GRIGNETTI@BBN)
SURG	Speech Understanding Research Group	Wolf, J J (WOLF@BBND)
TELECON	Teleconferencing Special Interest Group	Sherwood, G J (SHERWOOD@OFFICE-1)
TIPUG	TIP Users Group	Walden, D C (WALDEN@BBN)
TRG	TENEX Research Group	Burchfiel, J D (BURCHFIEL@BBN)
UNIX	UNIX Interest Group	Holmgren, S F (HOLMGREN@BBN)
WDBWG	Weather Data Base Working Group	Underwood, R (UNDERWOOD@I4-TENEX)
XIC3	XIC3	Kahn, R E (KAHN@ISI)

NOTE: The names given above are not considered to be a complete
listing of all special interest groups on the Arpanet. If you are
co-ordinator or member of such a group, please register its name
with the Network Information Center (FEINLER@BBNB) so that it will
appear in the next Directory.

SERVERS

HOSTNAME	ADDR (Dec)	COMPUTER	OPERATING SYSTEM	ACCOUNTS CONTACT	PHONE NUMBER	FUNCTION
AMES-67	16	IBM 360/67	TSS/360	T Dines	(415)965-5258	Provides general and scientific computer service to NASA AMES Research Center and NASA contractors
ANL*	55	IBM 360/195	OS-MVT	L Amiot	(312)739-7711 x4309	Not currently up as a Server. Will provide general service to the ERDA community.
ARPA-DMS	28	PDP-15	DMS	C McLindon	(202)694-3506	Provides a data management system to the ARPA staff only. Not available to network users.
BBN-11X	69	PDP-11	ELF	E Mader	(617)491-1850 x595	Provides service as a peripheral processor for BBN-TENEX and acts as a driver for a line printer. Not available to network users.
BBN-TENEX	241	PDP-10	TENEX	W Diskin	(617)491-1850 x345	Provides the TENEX operating system and a variety of services and programs to ARPAnet users.
BBN-TENEXA	197	PDP-10	TENEX	W Diskin	(617)491-1850 x345	Used primarily by the BBN TENEX group, but also provides Arpanet users with the TENEX operating system.
BBN-TENEXB	49	PDP-10	TENEX	W Diskin	(617)491-1850 x345	Provides the TENEX operating system and a variety of services and programs to ARPAnet users.
BBN-TENEXD	114	PDP-10	TENEX	W Diskin	(617)491-1850 x345	Used primarily by the BBN Artificial Intelligence Department. Provides limited service to network users.
CCA-TENEX	31	PDP-10	TENEX	D Eastlake	(617)491-3670	Provides Arpanet users with the Datacomputer for data storage and management. It does not provide TENEX for network use.
CHII	131	SIGNAL-1		D Taylor	(805)968-1813	Provides limited access to Arpanet users.
CMU-10A	78	PDP-10	DEC 10/50	H Wactlar	(412)621-2600 x158	Primarily a research facility for the Carnegie-Mellon Univ. Computer Science Dept. Provides limited network access.
CMU-10B	14	PDP-10	DEC 10/50	H Wactlar	(412)621-2600 x158	Primarily a research facility for the Carnegie-Mellon Univ. Computer Science Dept. Provides limited network access.

HOSTNAME	ADDR (Dec)	COMPUTER	OPERATING SYSTEM	ACCOUNTS CONTACT	PHONE NUMBER	FUNCTION
HARV-10	9	PDP-10	DEC 10/50	H Wactlar	(617)495-3998	Primarily a computer science research facility for Harvard; also available to Arpanet users.
HAWAII-500	228	BCC 500	BKY	J Johnston	(808)948-7490	Primarily a Univ. of Hawaii computer software research facility concerned with multiprocessing; also available to Arpanet users.
I4-TENEX	15	PDP-10	TENEX	F Kaster	(408)735-0635	Functions as the interface to the ILLIAC-IV network utility. Available to NASA and ARPA designated users.
I4B-TENEX	143	PDP-10	TENEX	F Kaster	(408)735-0635	Used for batch operations and some developmental work by IAC personnel. Not available for network use.
LBL	34	CDC 6600	SESAME	T Hitchcock	(415)843-2740 x5211	Operates a large scale scientific and engineering computer facility available to federally authorized users.
LL	10	IBM 370/168	VM-370	T Haines	(617)862-5500 x7177	Functions primarily as the Lincoln Laboratory computer research facility; provides limited service to Arpanet users.
LLL-RISOS	21	PDP-11/45	RATS	J Donnelley	(415)447-1100 x3406	Primarily an experimental research system. Arpanet users who are willing to collaborate are encouraged, otherwise access is limited.
LONDON	42	IBM 360/195	OS-MVT	S Kenney	01-387 3421	A research center in network technology and interconnection that acts as a gateway to other UK computers; provides limited access to Arpanet users.
LONDON-VDH	106	PDP-9	ATLAS	S Kenney	01-387 3421	Research center for computer-aided design. Provides limited service to Arpanet users.
MIT-AI	134	PDP-10	ITS	B Horn	(617)253-6765	Functions as an artificial intelligence research facility; provides limited service to novice users.
MIT-DEVMULTICS	6	H-68/80	MULTICS	R Kanodia	(617)253-6006	Used for research and development including development of the MULTICS network software interface. Not available to Arpanet users.

HOSTNAME	ADDR (Dec)	COMPUTER	OPERATING SYSTEM	ACCOUNTS CONTACT	PHONE NUMBER	FUNCTION
MIT-DMS	70	PDP-10	ITS	S Pitkin	(617)253-1458	Research facility providing users with MDL - a system of documented and cataloged programs for computer-aided programming, modeling, and graphics. It also provides SURVEY which monitors network host availability and response time.
MIT-ML	198	PDP-10	ITS	J Moses	(617)253-5892	Provides Arpanet users with automatic programming and algebraic manipulation capabilities through its MACSYMA program.
MIT-MULTICS	44	H-61/80	MULTICS	R Kanodia	(617)253-6006	Provides general service to Arpanet users.
OFFICE-1	43	PDP-10	TENEX	R Lieberman	(415)326-6200 x4119	Maintains the Network Information Center (NIC) for Arpanet users, and provides NLS to the SRI Workshop Utility Subscriber Community.
PARC-MAXC	32	MAXC	TENEX	C Geschke	(415) 494-4459	Primarily a computer research facility for XEROX Corp; provides limited access to Arpanet users.
RADC-MULTICS	18	H-61/80	MULTICS	T Lawrence	(315) 330-3857	Provides general service to RADC and other DOD-authorized users.
RAND-ISD*	71	PDP-11/45	UNIX	M Samaniego	(213)393-0411 x7588	Not yet up as a Server. Involved in research on very large data bases and intelligent terminals.
RAND-RCC	7	IBM 370/158	OS-MVT	B Myers	(213)393-0411 x638	Provides general service to the RAND Corp. and to Arpanet users.
RUTGERS-10	46	PDP-10	TOPS-10	D Kohanski	(201)932-2453	Provides computer services to Rutgers research community. Available to network users with similar research interests.
SCI-TENEX	45	SEL PDP-10	TENEX	J Holsworth	(415)494-1165 x367	Navy research host. Not available to Arpanet users.
SDAC-44	26	IBM 360/44	DOS/360	A Hill	(703)836-3882 x276	Used for seismic data research. Provides limited access to Arpanet users.
SDC-LAB	8	IBM 370/145	SDC-VM	P Cooper	(213)829-7511 588	Primarily a computer research facility for System Development Corp; makes several programs available to Arpanet users in speech understanding and natural language data management.
SRI-AI	66	PDP-10	TENEX	D Lynch	(415)326-6200 x2741	An artificial intelligence research facility. Limited to collaboration with users having mutual research interests.

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HOSTNAME	ADDR (Dec)	COMPUTER	OPERATING SYSTEM	ACCOUNTS CONTACT	PHONE NUMBER	FUNCTION
SU-AI	11	PDP-10	DEC 10/50	L Earnest	(415)497-4202	An artificial intelligence research facility. Limited to collaboration with users having mutual research interests.
SUMEX-AIM	56	PDP-10	KI TENEX	E Levinthal	(415)497-5813	NIH-sponsored medical computer research facility. Provides access to authorized medical researchers and practitioners.
UCLA-CCBS	129	PDP-10	DEC 10/50	R Meeker	(213)825-0841 x225	Functions primarily as a research facility for the behavioral sciences; provides limited access to Arpanet users.
UCLA-CCN	65	IBM 360/91	OS-MVT	R Bell	(213)825-7548	Provides general service to Arpanet users.
UCSB-MOD75	3	IBM 360/75	OS-MVT	S Kadner	(805)961-2261	Provides general service to Arpanet users.
UCSD-CC	35	B6700	MCP	S McLellan	(714)453-2000 x1678	Provides general service, both online and batch, to Arpanet users.
USC-44	23	IBM 360/44	USC-PS	G Soen	(213)746-6577	Provides limited access to Arpanet users.
USC-ECL	215	PDP-10	TENEX	G Soen	(213)746-6577	Research computer for USC School of Engineering. Provides limited access to Arpanet users.
USC-ISI	86	PDP-10	TENEX	D Smith	(202)694-5922	Provides TENEX cpu cycles to Arpanet users.
USC-ISIB	150	PDP-10	TENEX	D Russell	(202)822-1511 x188	Primarily used for research and development at USC-ISI; provides limited network access.
USC-ISIC	244	PDP-10	TENEX	D Smith	(202)694-5922	Provides TENEX cpu cycles to Arpanet users.
UTAH-10	4	PDP-10	TENEX	M Dervage	(801)581-6895	Functions primarily as a research facility; provides limited access to Arpanet users.

* These hosts are not yet up as servers, but will be by the end of 1975.

NOTE: Due to limitations of staff and resources and the experimental nature of their programs, research sites may reserve the right to interact only with users having mutual research interests.

HOST NAMES

HOSTNAME	HOST ADDR (Dec)	LIAISON	STATUS
ADR	110	V Triolo (TRIOLO@ISI)	USER
AFWL-TIP	176	F Shearer (AFWL@I4-TENEX)	TIP
ALOHA-TIP	164	F Kuo (KUO@ISI)	TIP
AMES-11	208	J Hart (HART@AMES-67)	USER
AMES-67	16	W Hathaway (HATHAWAY@AMES-67)	SERVER
AMES-TIP	144	W Hathaway (HATHAWAY@AMES-67)	TIP
ANL	55	L Amiot (Amiot@MIT-MULTICS)	SERVER, Up Fall 75
ARC-RD	2	J White (JWHITE@BBNB)	USER
ARPA-DMS	28	C McLindon (MCLINDON@ISI)	SERVER, Limited, ARPA only
ARPA-TIP	156	C McLindon (MCLINDON@ISI)	TIP
ASL	112	H Clark (PETERSON@ISI)	USER (VDH), Magtape
BBN-11X	69	E Mader (MADER@BBN)	SERVER, Limited
BBN-11XB	133	E Mader (MADER@BBN)	USER
BBN-1D	232	A McKenzie (MCKENZIE@BBN)	USER
BBN-NCC	40	A McKenzie (MCKENZIE@BBN)	USER
BBN-SAT	113	N Neigus (NEIGUS@BBN)	USER
BBN-SPEECH-11	50	J Wolf (WOLF@BBND)	USER
BBN-TENEX	241	R Thomas (BTHOMAS@BBN)	SERVER
BBN-TENEXA	197	R Thomas (BTHOMAS@BBN)	SERVER, Limited
BBN-TENEXB	49	R Thomas (BTHOMAS@BBN)	SERVER
BBN-TENEXD	114	R Thomas (BTHOMAS@BBN)	SERVER, Limited
BBN-TESTIP	158	A McKenzie (MCKENZIE@BBN)	TIP, Magtape
BBN10X-TIP	177	S Chipman (CHIPMAN@BBN)	TIP
BELVOIR	27	N Kyle (703)664-5511	USER
BNL	122	G Campbell (Campbell@MIT-MULTICS)	USER (VDH), Up Fall 75
BRL	29	D Taylor (DTAYLOR@OFFICE-1)	USER
CCA-SIP	223	D Eastlake (DEE@CCA-TENEX)	USER
CCA-TENEX	31	D Eastlake (DEE@CCA-TENEX)	SERVER
CCA-TIP	159	D Eastlake (DEE@CCA-TENEX)	TIP
CHII	131	D Taylor (CHI@ISI)	SERVER, Limited
CMU-10A	78	H Van Zoeren (VANZOEREN@CMU-10B)	SERVER
CMU-10B	14	H Van Zoeren (VANZOEREN@CMU-10B)	SERVER
CMU-11	142	C Pierson (PIERSON@CMU-10A)	USER, Up ?
CMU-CC	206	D King (KING@CMU-10B)	USER, Up ?
DOCB-TIP	153	D Lillie (DOCB@OFFICE-1)	TIP
EGLIN	53	H Spies (SPIES@BBN)	USER, Up 3-76
ETAC	20	J Smith (USAFETAC-SY@ISI)	USER
ETAC-TIP	148	J Smith (USAFETAC-SY@ISI)	TIP, Magtape
FNWC	33	M Reese (FNWC@BBN)	USER
FNWC-TIP	161	M Reese (FNWC@BBN)	TIP
GUNTER	13	L Crain (CRAIN@OFFICE-1)	USER
GWC-TIP	152	R Volk (AFGWC@BBN)	TIP, Magtape
HARV-1	73	G Mealy (MEALY@HARV-10)	USER
HARV-10	9	G Mealy (MEALY@HARV-10)	SERVER, Limited
HASKINS	201	F Cooper (HASKINS@BBN)	USER (VDH)
HAWAII-500	228	J Johnston (JOHNSTON@I4-TENEX)	SERVER, Limited
HAWAII-ALOHA	36	F Kuo (KUO@ISI)	USER
I4-ELF	79	R Findlay (FINDLAY@I4-TENEX)	USER
I4-TENEX	15	J Pipes (PIPES@I4-TENEX)	SERVER
I4B-TENEX	143	J Pipes (PIPES@I4-TENEX)	SERVER, Limited
ILL-CAC	12	F Segovich (SEGOVICH@BBN)	USER
ILL-NTS	76	K Kelley (KELLEY@BBN)	USER
ISI-SPEECH11	22	P Raveling (RAVELING@ISIB)	USER
ISI-TIP	180	M McKinley (MCKINLEY@ISIB)	TIP
ISI-XGP11	214	D Van Mierop (VANMIEROP@ISIB)	USER
LBL	34	D Hall (415)843-2740 ext 5821	SERVER
LL	10	T Haines (HAINES@LL)	SERVER, Limited
LL-11	202	D Johnson (LINCOLN@BBN)	USER
LL-ASG	95	P Neilson (NEILSON@BBN)	USER (VDH)

HOSTNAME	HOST ADDR (Dec)	LIAISON	STATUS
LL-TSP	138	T Barkalow (BARKALOW@LL)	USER
LLL-RISOS	21	J Donnelley (JED@BBN)	SERVER, Limited
LONDON	42	A Hinchley (KIRSTEIN@ISI..Attn: AJH)	SERVER, Limited
LONDON-TIP	170	S Kenney (KIRSTEIN@ISI..Attn: SK)	TIP
LONDON-VDH	106	P Higginson (KIRSTEIN@ISI..Attn: PLH)	SERVER (VDH) Limited
MIT-AI	134	T Knight (TK@MIT-AI)	SERVER, Limited
MIT-DEVMULTICS	6	R Kanodia (Kanodia@MIT-MULTICS)	SERVER, Limited
MIT-DMS	70	S Galley (SWG@MIT-DMS)	SERVER
MIT-ML	198	J Golden (JPG@MIT-ML)	SERVER, Limited
MIT-MULTICS	44	R Kanodia (Kanodia@MIT-MULTICS)	SERVER
MITRE-TIP	145	H Sternick (NETWORK-HELP@ISI)	TIP
NBS-ICST	19	R Blanc (BLANC@BBN)	USER
NBS-TIP	147	R Blanc (BLANC@BBN)	TIP
NCC-TIP	168	A McKenzie (MCKENZIE@BBN)	TIP
NORSAR-40A	233	D RieberMohn (NORSAR-TIP@OFFICE-1)	USER, Up Fall 75
NORSAR-40B	41	D RieberMohn (NORSAR-TIP@OFFICE-1)	USER, Up Fall 75
NORSAR-TIP	169	D RieberMohn (NORSAR-TIP@OFFICE-1)	TIP
NSA	57	G Bailey (BAILEY@OFFICE-1)	USER, Up Fall 75
NYU	58	E Franceschini (Franceschini@MIT-MULTICS)	USER
OFFICE-1	43	M Hardy (HARDY@BBNB)	SERVER
OT-ITS	25	R Rosich (OT-ITS@SRI-AI)	USER, Up Fall 75
PARC-11	160	R Neely (NEELY@PARC-MAXC)	USER
PARC-MAXC	32	E Taft (TAFT@PARC-MAXC)	SERVER, Limited
PARC-VTS	96	D Liddle (LIDDLE@PARC-MAXC)	USER
PURDUE	38	W Robey (PURDUE@ISI)	USER
RADC-MULTICS	18	T Lawrence (LAWRENCE@OFFICE-1)	SERVER
RADC-TIP	146	T Lawrence (LAWRENCE@OFFICE-1)	TIP
RAND-ISD	71	M Samaniego (MGS@RAND-RCC)	SERVER
RAND-RCC	7	D Cooper (COOPER@RAND-RCC)	SERVER
RML-7	37	M Young (YOUNG@ISI)	USER
RML-TIP	165	M Young (YOUNG@ISI)	TIP
ROCHESTER	210	J Nabielsky (JAF@SU-AI)	USER (VDH), Up 11-75
RUTGERS-10	46	D Kohanski (KOHANSKI@RUTGERS-10)	SERVER
RUTGERS-TIP	174	P Murphy (MURPHY@RUTGERS-10)	TIP
SCI-TENEX	45	J Holsworth (HOLSWORTH@SCI-TENEX)	SERVER, Limited
SCRL-ELF	118	Not known	USER (VDH)
SCRL-ELFDEVEL	54	Not known	USER
SDAC-44	26	A Hill (SDAC@ISI)	SERVER, Limited
SDAC-CCP	39	A Hill (SDAC@ISI)	USER
SDAC-DP	103	E Meyer (SDAC@ISI)	USER
SDAC-NEP	167	B Owen (SDAC@ISI)	USER
SDC-CC	72	R Larson (ROB@SDC-LAB)	USER
SDC-LAB	8	R Larson (ROB@SDC-LAB)	SERVER, Limited
SRI-AI	66	G Goodfellow (GEOFF@SRI-AI)	SERVER, Limited
SRI-ARC	130	M Hardy (HARDY@BBNB)	USER
SRI-CBC11	179	G Goodfellow (GEOFF@SRI-AI)	USER
SRI-IA11	115	G Goodfellow (GEOFF@SRI-AI)	USER
SRI-NSC11	51	G Goodfellow (GEOFF@SRI-AI)	USER
SRI-PKT11	243	M Placko (PLACKO@OFFICE-1)	USER, Up Fall 75
SU-AI	11	J Rubin (JBR@SU-AI)	SERVER, Limited
SU-DSL	75	V Cerf (CERF@ISI)	USER (VDH)
SUMEX-AIM	56	J Lieb (LIEB@SUMEX-AIM)	SERVER
TYMSHARE-TIP	171	B Martinez (MARTINEZ@OFFICE-1)	TIP

HOSTNAME	HOST ADDR (Dec)	LIAISON	STATUS
UCB	98	M O'Malley (OMALLEY@BBN)	USER (VDH)
UCLA-ATS	1	L Nelson (LOU@ISI)	USER
UCLA-CCBS	129	R Martin (MARTIN@ISI)	SERVER, Limited
UCLA-CCN	65	S Wolfe (WOLFE@UCLA-CCN)	SERVER
UCSB-MOD75	3	E Faeh (FAEH@UCSB)	SERVER
UCSD-CC	35	J Fitzsimmons (BOWLES@ISI)	SERVER
USC-44	23	J Pepin (PEPIN@ECL)	SERVER
USC-ECL	215	J Pepin (PEPIN@ECL)	SERVER
USC-ISI	86	A Algustyniak (ALAN@ISI)	SERVER
USC-ISIB	150	A Algustyniak (ALAN@ISI)	SERVER, Limited
USC-ISIC	244	A Algustyniak (ALAN@ISI)	SERVER
USC-TIP	151	J Pepin (PEPIN@ECL)	TIP
UTAH-10	4	S Ogden (OGDEN@UTAH-10)	SERVER, Limited
UTAH-TIP	132	A Hearn (HEARN@UTAH-10)	TIP
WPAFB-TIP	175	L Fall (513) 255-6247	TIP

HOST ADDRESSES

HOST ADDR (Dec)	HOST ADDR (Oct)	HOST#/IMP# (Dec)	HOSTNAME	STATUS
1	1	0/1	UCLA-ATS	USER
2	2	0/2	ARC-RD	USER
3	3	0/3	UCSB-MOD75	SERVER
4	4	0/4	UTAH-10	SERVER, Limited
6	6	0/6	MIT-DEVMULTICS	SERVER, Limited
7	7	0/7	RAND-RCC	SERVER
8	10	0/8	SDC-LAB	SERVER, Limited
9	11	0/9	HARV-10	SERVER, Limited
10	12	0/10	LL	SERVER, Limited
11	13	0/11	SU-AI	SERVER, Limited
12	14	0/12	ILL-CAC	USER
13	15	0/13	GUNTER	USER
14	16	0/14	CMU-10B	SERVER
15	17	0/15	I4-TENEX	SERVER
16	20	0/16	AMES-67	SERVER
18	22	0/18	RADC-MULTICS	SERVER
19	23	0/19	NBS-ICST	USER
20	24	0/20	ETAC	USER
21	25	0/21	LLL-RISOS	SERVER, Limited
22	26	0/22	ISI-SPEECH11	USER
23	27	0/23	USC-44	SERVER, Limited
25	31	0/25	OT-ITS	USER, Up Fall 75
26	32	0/26	SDAC-44	SERVER, Limited
27	33	0/27	BELVOIR	USER
28	34	0/28	ARPA-DMS	SERVER, Limited, ARPA only
29	35	0/29	BRL	USER
31	37	0/31	CCA-TENEX	SERVER
32	40	0/32	PARC-MAXC	SERVER, Limited
33	41	0/33	FNWC	USER
34	42	0/34	LBL	SERVER
36	44	0/36	HAWAII-ALOHA	USER
37	45	0/37	RML-7	USER
38	46	0/38	PURDUE	USER
39	47	0/39	SDAC-CCP	USER
40	50	0/40	BBN-NCC	USER
41	51	0/41	NORSAR-40B	USER, Up Fall 75
42	52	0/42	LONDON	SERVER, Limited
43	53	0/43	OFFICE-1	SERVER
44	54	0/44	MIT-MULTICS	SERVER
45	55	0/45	SCI-TENEX	SERVER, Limited
46	56	0/46	RUTGERS-10	SERVER
49	61	0/49	BBN-TENEXB	SERVER
50	62	0/50	BBN-SPEECH-11	USER
51	63	0/51	SRI-NSC11	USER
53	65	0/53	EGLIN	USER, Up 3-76
54	66	0/54	SCRL-ELFDEVEL	USER
55	67	0/55	ANL	SERVER, Up Fall 75
56	70	0/56	SUMEX-AIM	SERVER
57	71	0/57	NSA	USER, Up Fall 75
58	72	0/58	NYU	USER
65	101	1/1	UCLA-CCN	SERVER
66	102	1/2	SRI-AI	SERVER, Limited
69	105	1/5	BBN-11X	SERVER
70	106	1/6	MIT-DMS	SERVER
71	107	1/7	RAND-ISD	SERVER
72	110	1/8	SDC-CC	USER
73	111	1/9	HARV-1	USER

HOST ADDR (Dec)	HOST ADDR (Oct)	HOST#/IMP# (Dec)	HOSTNAME	STATUS
75	113	1/11	SU-DSL	USER (VDH)
76	114	1/12	ILL-NTS	USER
78	116	1/14	CMU-10A	SERVER
79	117	1/15	I4-ELF	USER
86	126	1/22	USC-ISI	SERVER
95	137	1/31	LL-ASG	USER (VDH)
96	140	1/32	PARC-VTS	USER
98	142	1/34	UCB	USER (VDH)
103	147	1/39	SDAC-DP	USER
106	152	1/42	LONDON-VDH	SERVER (VDH), Limited
110	156	1/46	ADR	USER
112	160	1/48	ASL	USER (VDH), Magtape
113	161	1/49	BBN-SAT	USER
114	162	1/50	BBN-TENEXD	SERVER, Limited
115	163	1/51	SRI-IA11	USER
118	166	1/54	SCRL-ELF	USER (VDH)
122	172	1/58	BNL	USER (VDH), Up Fall 75
129	201	2/1	UCLA-CCBS	SERVER, Limited
130	202	2/2	SRI-ARC	USER
131	203	2/3	CHII	SERVER, Limited
132	204	2/4	UTAH-TIP	TIP
133	205	2/5	BBN-11XB	USER
134	206	2/6	MIT-AI	SERVER, Limited
138	212	2/10	LL-TSP	USER
142	216	2/14	CMU-11	USER, Up ?
143	217	2/15	I4B-TENEX	SERVER, Limited
144	220	2/16	AMES-TIP	TIP
145	221	2/17	MITRE-TIP	TIP
146	222	2/18	RADC-TIP	TIP
147	223	2/19	NBS-TIP	TIP
148	224	2/20	ETAC-TIP	TIP, Magtape
150	226	2/22	USC-ISIB	SERVER, Limited
151	227	2/23	USC-TIP	TIP
152	230	2/24	GWC-TIP	TIP, Magtape
153	231	2/25	DOCB-TIP	TIP
156	234	2/28	ARPA-TIP	TIP
158	236	2/30	BBN-TESTIP	TIP, Magtape
159	237	2/31	CCA-TIP	TIP
160	240	2/32	PARC-11	USER
161	241	2/33	FNWC-TIP	TIP
164	244	2/36	ALOHA-TIP	TIP
165	245	2/37	RML-TIP	TIP
167	247	2/39	SDAC-NEP	USER
168	250	2/40	NCC-TIP	TIP
169	251	2/41	NORSAR-TIP	TIP
170	252	2/42	LONDON-TIP	TIP
171	253	2/43	TYMSHARE-TIP	TIP
174	256	2/46	RUTGERS-TIP	TIP
175	257	2/47	WPAFB-TIP	TIP
176	260	2/48	AFWL-TIP	TIP
177	261	2/49	BBN10X-TIP	TIP
179	263	2/51	SRI-CBC11	USER
180	264	2/52	ISI-TIP	TIP
197	305	3/5	BBN-TENEXA	SERVER, Limited
198	306	3/6	MIT-ML	SERVER, Limited
201	311	3/9	HASKINS	USER (VDH)
202	312	3/10	LL-11	USER

HOST ADDR (Dec)	HOST ADDR (Oct)	HOST#/IMP# (Dec)	HOSTNAME	STATUS
206	316	3/14	CMU-CC	USER, Up ?
208	320	3/16	AMES-11	USER
210	322	3/18	ROCHESTER	USER (VDH), Up 11-75
214	326	3/22	ISI-XGP11	USER
215	327	3/23	USC-ECL	SERVER
223	337	3/31	CCA-SIP	USER
228	344	3/36	HAWAII-500	SERVER, Limited
232	350	3/40	BBN-1D	USER
233	351	3/41	NORSAR-40A	USER, Up Fall 75
241	361	3/49	BBN-TENEX	SERVER
243	363	3/51	SRI-PKT11	USER, Up Fall 75
244	364	3/52	USC-ISIC	SERVER

Decimal Host Address = IMP Number + (decimal 64 x Host Number)

IMP NO./HOST NO.

HOST#/IMP# (Dec)	HOST ADDR (Oct)	HOST ADDR (Dec)	HOSTNAME	STATUS
0/1	1	1	UCLA-ATS	USER
1/1	101	65	UCLA-CCN	SERVER
2/1	201	129	UCLA-CCBS	SERVER, Limited
0/2	2	2	ARC-RD	USER
1/2	102	66	SRI-AI	SERVER, Limited
2/2	202	130	SRI-ARC	USER
0/3	3	3	UCSB-MOD75	SERVER
2/3	203	131	CHII	SERVER, Limited
0/4	4	4	UTAH-10	SERVER, Limited
2/4	204	132	UTAH-TIP	TIP
1/5	105	69	BBN-11X	SERVER, Limited
2/5	205	133	BBN-11XB	USER
3/5	305	197	BBN-TENEXA	SERVER, Limited
0/6	6	6	MIT-DEVMULTICS	SERVER, Limited
1/6	106	70	MIT-DMS	SERVER
2/6	206	134	MIT-AI	SERVER, Limited
3/6	306	198	MIT-ML	SERVER, Limited
0/7	7	7	RAND-RCC	SERVER
1/7	107	71	RAND-ISD	SERVER
0/8	10	8	SDC-LAB	SERVER, Limited
1/8	110	72	SDC-CC	USER
0/9	11	9	HARV-10	SERVER, Limited
1/9	111	73	HARV-1	USER
3/9	311	201	HASKINS	USER (VDH)
0/10	12	10	LL	SERVER
2/10	212	138	LL-TSP	USER
3/10	312	202	LL-11	USER
0/11	13	11	SU-AI	SERVER, Limited
1/11	113	75	SU-DSL	USER (VDH)
0/12	14	12	ILL-CAC	USER
1/12	114	76	ILL-NTS	USER
0/13	15	13	GUNTER	USER
0/14	16	14	CMU-10B	SERVER
1/14	116	78	CMU-10A	SERVER
2/14	216	142	CMU-11	USER, Up ?
3/14	316	206	CMU-CC	USER, Up ?
0/15	17	15	I4-TENEX	SERVER
1/15	117	79	I4-ELF	USER
2/15	217	143	I4B-TENEX	SERVER, Limited
0/16	20	16	AMES-67	SERVER
2/16	220	144	AMES-TIP	TIP
3/16	320	208	AMES-11	USER
2/17	221	145	MITRE-TIP	TIP
0/18	22	18	RADC-MULTICS	SERVER
2/18	222	146	RADC-TIP	TIP
3/18	322	210	ROCHESTER	USER (VDH), Up 11-75
0/19	23	19	NBS-ICST	USER
2/19	223	147	NBS-TIP	TIP
0/20	24	20	ETAC	USER
2/20	224	148	ETAC-TIP	TIP, Magtape
0/21	25	21	LLL-RISOS	SERVER, Limited
0/22	26	22	ISI-SPEECH11	USER
1/22	126	86	USC-ISI	SERVER
2/22	226	150	USC-ISIB	SERVER, Limited
3/22	326	214	ISI-XGP11	USER
0/23	27	23	USC-44	SERVER, Limited
2/23	227	151	USC-TIP	TIP
3/23	327	215	USC-ECL	SERVER

HOST#/IMP# (Dec)	HOST ADDR (Oct)	HOST ADDR (Dec)	HOSTNAME	STATUS
2/24	230	152	GWC-TIP	TIP, Magtape
0/25	31	25	OT-ITS	USER, Up Fall 75
2/25	231	153	DOCB-TIP	TIP
0/26	32	26	SDAC-44	SERVER, Limited
0/27	33	27	BELVOIR	USER
0/28	34	28	ARPA-DMS	SERVER, Limited, ARPA use only
2/28	234	156	ARPA-TIP	TIP
0/29	35	29	BRL	USER
2/30	236	158	BBN-TESTIP	TIP, Magtape
0/31	37	31	CCA-TENEX	SERVER
1/31	137	95	LL-ASG	USER (VDH)
2/31	237	159	CCA-TIP	TIP
3/31	337	223	CCA-SIP	USER
0/32	40	32	PARC-MAXC	SERVER, Limited
1/32	140	96	PARC-VTS	USER
2/32	240	160	PARC-11	USER
0/33	41	33	FNWC	USER
2/33	241	161	FNWC-TIP	TIP
0/34	42	34	LBL	SERVER
1/34	142	98	UCB	USER (VDH)
0/36	44	36	HAWAII-ALOHA	USER
2/36	244	164	ALOHA-TIP	TIP
3/36	344	228	HAWAII-500	SERVER, Limited
0/37	45	37	RML-7	USER
2/37	245	165	RML-TIP	TIP
0/38	46	38	PURDUE	USER
0/39	47	39	SDAC-CCP	USER
1/39	147	103	SDAC-DP	USER
2/39	247	167	SDAC-NEP	USER
0/40	50	40	BBN-NCC	USER
2/40	250	168	NCC-TIP	TIP
3/40	350	232	BBN-1D	USER
0/41	51	41	NORSAR-40B	USER, Up Fall 75
2/41	251	169	NORSAR-TIP	TIP
3/41	351	233	NORSAR-40A	USER, Up Fall 75
0/42	52	42	LONDON	SERVER, Limited
1/42	152	106	LONDON-VDH	SERVER (VDH), Limited
2/42	252	170	LONDON-TIP	TIP
0/43	53	43	OFFICE-1	SERVER
2/43	253	171	TYMSHARE-TIP	TIP
0/44	54	44	MIT-MULTICS	SERVER
0/45	55	45	SCI-TENEX	SERVER, Limited
0/46	56	46	RUTGERS-10	SERVER
1/46	156	110	ADR	USER
2/46	256	174	RUTGERS-TIP	TIP
2/47	257	175	WPAFB-TIP	TIP
1/48	160	112	ASL	USER (VDH), Magtape
2/48	260	176	AFWL-TIP	TIP
0/49	61	49	BBN-TENEXB	SERVER
1/49	161	113	BBN-SAT	USER
2/49	261	177	BBN10X-TIP	TIP
3/49	361	241	BBN-TENEX	SERVER
0/50	62	50	BBN-SPEECH-11	USER
1/50	162	114	BBN-TENEXD	SERVER, Limited
0/51	63	51	SRI-NSC11	USER
1/51	163	115	SRI-IA11	USER
2/51	263	179	SRI-CBC11	USER

HOST#/IMP# (Dec)	HOST ADDR (Oct)	HOST ADDR (Dec)	HOSTNAME	STATUS
3/51	363	243	SRI-PKT11	USER, Up Fall 75
2/52	264	180	ISI-TIP	TIP
3/52	364	244	USC-ISIC	SERVER
0/53	65	53	EGLIN	USER, Up 3-76
0/54	66	54	SCRL-ELFDEVEL	USER
1/54	166	118	SCRL-ELF	USER (VDH)
0/55	67	55	ANL	SERVER, Up Fall 75
0/56	70	56	SUMEX-AIM	SERVER
0/58	71	57	NSA	USER, Up Fall 75
0/58	72	58	NYU	USER
1/58	172	122	BNL	USER (VDH), Up Fall 75

COMPUTER SYSTEMS

MANUFACTURER COMPUTER	OP-SYS	HOSTNAME	HOSTADDR (Dec)	STATUS
BERKELEY COMPUTER CORP.				
BCC-500	BKY	HAWAII-500	228	Principal, Limited SERVER
BOLT BERANEK AND NEWMAN, INC.				
BBN-PLURIBUS		SDAC-CCP	39	Seismic data processor
BURROUGHS CORP.				
B-4700	MCPV	GUNTER	13	Principal, USER
B-6700		I4-TENEX	15	Peripheral processor
B-6700	MCP	UCSD-CC	35	Principal, SERVER
ILLIAC-IV		I4-TENEX	15	Principal, SERVER
		I4-ELF	79	
		I4B-TENEX	143	
MICRO-810*		UCSD-CC	35	Communications controller
CONTROL DATA CORP.				
CDC-3200*		FNWC	33	Communications controller
CDC-6500	SCOPE	FNWC	33	Principal, USER
CDC-6600	KRONOS	NYU	58	Principal, SERVER, Up 9/75
CDC-6600	SCOPE	BNL	58	Principal, USER, Up 9/75
CDC-6600*	SCOPE	EGLIN	53	Principal, USER, Up 6/76
CDC-6600*	SESAME	LBL	34	Principal, SERVER
CDC-7600		AMES-67	16	Principal, USER
CDC-7600		BNL	58	Principal, USER, Up 9/75
CDC-7600	BKY	LBL	34	Principal, SERVER
DIGITAL EQUIPMENT CORP.				
PDP-1*		HARV-1	73	Peripheral controller terminal concentrator
PDP-1*		BBN-1D	232	NCC, testing and diagnostics
PDP-6		MIT-AI	134	Peripheral processor
PDP-6		SU-AI	11	Peripheral processor
PDP-9		LONDON	42	Communications controller
		LONDON-VDH	106	
PDP-10	DEC 10/50	CMU-10A	78	Principal, Limited SERVER
PDP-10	DEC 10/50	CMU-10B	14	Principal, Limited SERVER
PDP-10*	DEC 10/50	HARV-10	9	Principal, Limited SERVER
PDP-10*	DEC 10/50	RUTGERS-10	46	Principal, SERVER
PDP-10*	DEC 10/50	SU-AI	11	Principal, Limited SERVER
PDP-10	DEC 10/50	UCLA-CCBS	129	Principal, Limited SERVER
PDP-10*	ITS	MIT-AI	134	Principal, Limited SERVER
PDP-10*	ITS	MIT-DMS	70	Principal, SERVER
PDP-10*	ITS	MIT-ML	198	Principal, Limited SERVER
PDP-10*	TENEX	BBN-TENEX	241	Principal, SERVER
PDP-10*	TENEX	BBN-TENEXA	197	Principal, Limited SERVER
PDP-10*	TENEX	BBN-TENEXB	49	Principal, SERVER
PDP-10*	TENEX	BBN-TENEXD	114	Principal, Limited SERVER
PDP-10*	TENEX	CCA-TENEX	31	Principal, SERVER
PDP-10*	TENEX	I4-TENEX	15	Principal, SERVER
PDP-10*	TENEX	I4B-TENEX	143	Principal, Limited SERVER
PDP-10*	TENEX	NSA	57	Principal, UNKNOWN, Fall 75
PDP-10*	TENEX	OFFICE-1	43	Principal, SERVER
PDP-10*	TENEX	SCI-TENEX	45	Principal, Limited SERVER
PDP-10*	TENEX	SRI-AI	66	Principal, Limited SERVER
PDP-10*	TENEX	SUMEX-AIM	56	Principal, SERVER
PDP-10*	TENEX	USC-ECL	215	Principal, SERVER

MANUFACTURER				
COMPUTER	OP-SYS	HOSTNAME	HOSTADDR (Dec)	STATUS
PDP-10*	TENEX	USC-ISI	86	Principal, SERVER
PDP-10*	TENEX	USC-ISIB	150	Principal, Limited SERVER
PDP-10*	TENEX	USC-ISIC	244	Principal, SERVER
PDP-10*	TENEX	UTAH-10	4	Principal, Limited SERVER
PDP-11		CCA-SIP	223	Seismic data processor, Up ?
PDP-11*		CMU-10A	78	Communication controller,
		CMU-10B	14	Up ?
PDP-11		CMU-CC	206	Communication controller, Up ?
PDP-11*		SRI-PKT	243	Packet radio research
PDP-11*	ANTS	BELVOIR	27	Terminal concentrator
PDP-11* C.mmp Hydra		CMU-11	142	Parallel processing res., Up ?
PDP-11*	ELF	ADR	110	NSW ELF Maintenance
PDP-11*	ELF	BBN-11X	69	SERVER, Peripheral controller
PDP-11*	ELF	BBN-11XB	133	Packet radio communication
PDP-11*	ELF	HAWAII-500	228	Communication controller
PDP-11*	ELF	I4-ELF	79	Communication controller
PDP-11*	ELF	NSA	57	Communication controller, Up 9/75
PDP-11*	ELF	SCRL-ELFDEVEL	54	ELF R&D
PDP-11/10		AMES-11	208	I/O controller
PDP-11/10*		SRI-CBC11	179	Peripheral processor
PDP-11/10*	ELF	ASL	112	Magtape mass data dump
PDP-11/20*	ANTS	ILL-CAC	12	Terminal concentrator
PDP-11/20	ELF	SU-DSL	75	International protocol research
PDP-11/35*	ELF	GUNTER	13	Communication controller
PDP-11/40*		BBN-SAT	113	Signal processor and graphics
PDP-11/40*		PARC-11	160	Speech compression
PDP-11/40*	ANTS	BRL	29	Terminal concentrator
PDP-11/40*	ELF	ARC-RD	2	Front-end research for NSW
PDP-11/40*	ELF	BBN-SPEECH-11	50	Speech compression
PDP-11/40	ELF	CCA-SIP	223	Terminal concentrator
PDP-11/40*	ELF	ISI-XGP11	214	Peripheral processor
PDP-11/40*	ELF	NYU	58	Communication controller
PDP-11/40	ELF	OT-ITS	25	Terminal concentrator
PDP-11/40*	ELF	SRI-ARC	130	Terminal concentrator
PDP-11/40*	ELF	SRI-NSC11	51	Speech compression
PDP-11/40*	ELF,DOS, RSX11-M,UNIX	UCB	98	Speech and graphics protocol res.
PDP-11/40	RSX-11M	SRI-IA11	115	Peripheral processor
PDP-11/45		SU-AI	11	Robotics and vision research
PDP-11/45*	ANTS,etc.	NBS-ICST	19	Network measurement machine
PDP-11/45*	ANTS,ELF UCLA-VMM,UNIX	UCLA-ATS	1	Network analysis & modeling
PDP-11/45*	ELF	AMES-11	208	Communication controller
PDP-11/45*	ELF	BNL	122	Provides access to graphics devices
PDP-11/45*	ELF	ETAC	20	Terminal concentrator
PDP-11/45*	ELF	ISI-SPEECH11	22	Speech compression
PDP-11/45*	ELF	PURDUE	38	Terminal concentrator
PDP-11/45*	ELF	SCRL-ELF	118	Speech understanding and frontend res.
PDP-11/45*	ELF or RSX-11M	LL-11	202	Speech compression
PDP-11/45*	RATS	LLL-RISOS	21	Principal, SERVER
PDP-11/45*	RSX-11D	HASKINS	201	Speech understanding

ARPA NETWORK, GEOGRAPHIC MAP

JUNE 1975

o IMP

□ TIP

⌁ SATELLITE CIRCUIT