

Network Working Group  
Request for Comments: 1117  
Obsoletes RFCs: [1062](#), [1020](#), [997](#), [990](#), [960](#), [943](#),  
[923](#), [900](#), [870](#), [820](#), [790](#), [776](#), [770](#), [762](#),  
758, 755, 750, 739, 604, 503, 433, 349  
Obsoletes IENs: 127, 117, 93

S. Romano  
M. Stahl  
M. Recker  
SRI-NIC  
August 1989

## INTERNET NUMBERS

### Status of this Memo

This memo is an official status report on the network numbers and the autonomous system numbers used in the Internet community. Distribution of this memo is unlimited.

### Introduction

This Network Working Group Request for Comments documents the currently assigned network numbers and gateway autonomous systems. This RFC will be updated periodically, and in any case current information can be obtained from Hostmaster at the DDN Network Information Center (NIC).

Hostmaster  
DDN Network Information Center  
SRI International  
333 Ravenswood Avenue  
Menlo Park, California 94025

Phone: 1-800-235-3155

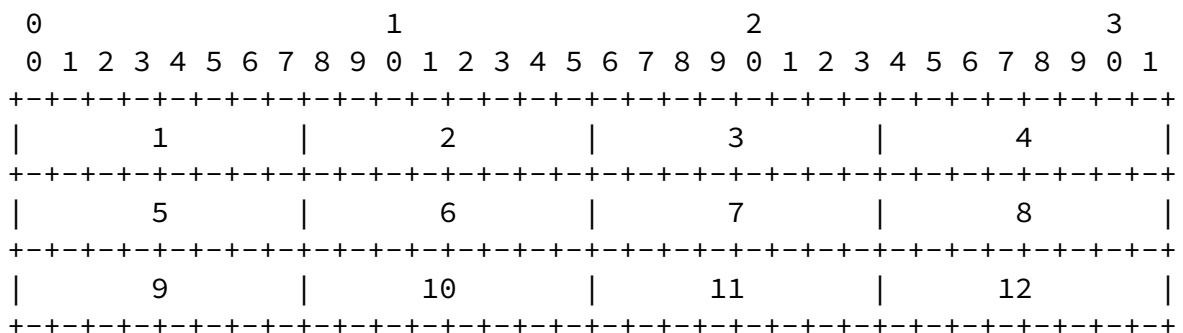
Network mail: [HOSTMASTER@NIC.DDN.MIL](mailto:HOSTMASTER@NIC.DDN.MIL)

Most of the protocols used in the Internet are documented in the RFC series of notes. Some of the items listed are undocumented. Further information on protocols can be found in the memo "Official Internet Protocols" [[40](#)]. The more prominent and more generally used are documented in the "DDN Protocol Handbook" [[17](#)] prepared by the NIC. Other collections of older or obsolete protocols are contained in the "Internet Protocol Transition Workbook" [[18](#)], or in the "ARPANET Protocol Transition Handbook" [[19](#)]. For further information on ordering the complete 1985 DDN Protocol Handbook, contact the Hostmaster. Also, the Internet Activities Board (IAB) publishes the "IAB Official Protocol Standards" [[52](#)], which describes the state of standardization of protocols used in the Internet. This document is issued quarterly. Current copies may be obtained from the DDN Network Information Center.

The lists below contain the name and network mailbox of the individuals responsible for each registered network or autonomous system. The bracketed entry, e.g., [nn,iii], at the right hand margin of the page indicates a reference for the listed network or autonomous system, where the number ("nn") cites the document and the letters ("iii") cite the NIC Handle of the responsible person. The NIC Handle is a unique identifier that is used in the NIC WHOIS/NICNAME service. People occasionally change electronic mailboxes. To find out the current network mailbox or phone number for an individual, or to get information about a registered network, use the NIC WHOIS/NICNAME service or contact HOSTMASTER@NIC.DDN.MIL.

The convention used for the documentation of Internet Protocols is to express numbers in decimal and to picture data in "big-endian" order [39]. That is, fields are described left to right, with the most significant octet on the left and the least significant octet on the right.

The order of transmission of the header and data described in this document is resolved to the octet level. Whenever a diagram shows a group of octets, the order of transmission of those octets is the normal order in which they are read in English. For example, in the following diagram the octets are transmitted in the order they are numbered.



#### Transmission Order of Bytes

Whenever an octet represents a numeric quantity the left most bit in the diagram is the high order or most significant bit. That is, the bit labeled 0 is the most significant bit. For example, the following diagram represents the value 170 (decimal).

```

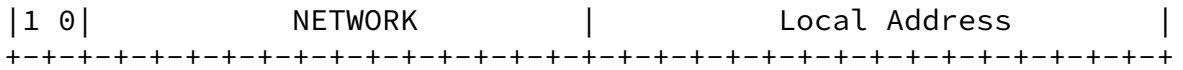
    0 1 2 3 4 5 6 7
  
```

```
+---+---+---+---+---+
|1 0 1 0 1 0 1 0|
+---+---+---+---+---+
```

### Significance of Bits

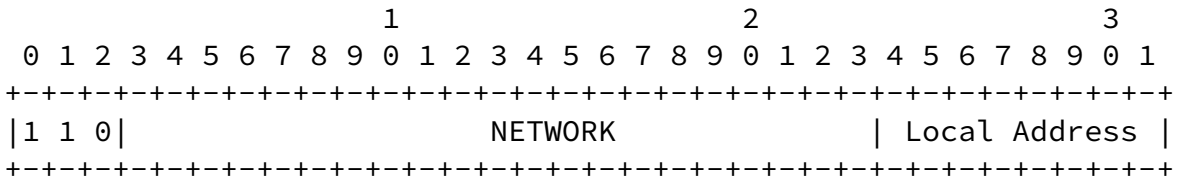
Similarly, whenever a multi-octet field represents a numeric quantity the left most bit of the whole field is the most significant bit. When a multi-octet quantity is transmitted the most significant octet is transmitted first.





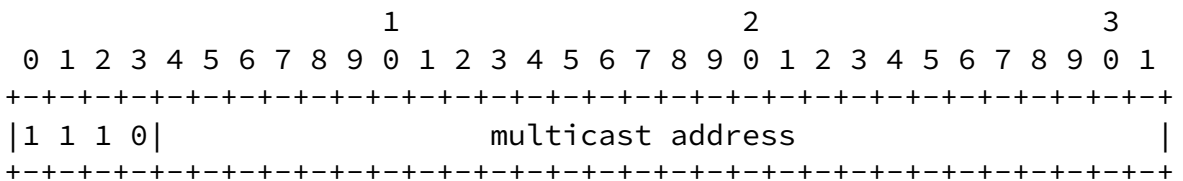
Class B Address

The third type of address, class C, has a 21-bit network number and a 8-bit local address. The three highest-order bits are set to 1-1-0. This allows 2,097,152 class C networks.



Class C Address

The fourth type of address, class D, is used as a multicast address [13]. The four highest-order bits are set to 1-1-1-0.



Class D Address

Note: No addresses are allowed with the four highest-order bits set to 1-1-1-1. These addresses, called "class E", are reserved.

One commonly used notation for internet host addresses divides the 32-bit address into four 8-bit fields and specifies the value of each field as a decimal number with the fields separated by periods. This is called the "dotted decimal" notation. For example, the internet address of VENERA.ISI.EDU in dotted decimal is 010.001.000.052, or 10.1.0.52.

The dotted decimal notation will be used in the listing of assigned network numbers. The class A networks will have nnn.rrr.rrr.rrr, the class B networks will have nnn.nnn.rrr.rrr, and the class C networks will have nnn.nnn.nnn.rrr, where nnn represents part or all of a network number and rrr represents part or all of a local address.

There are four categories of users of Internet Addresses: Research, Defense, Government (Non-Defense), and Commercial. To reflect the allocation of network identifiers among the categories, a one-character code is placed to the left of the network number: R for Research, D for Defense, G for Government, and C for Commercial (see [Appendix A](#) for further details on this division of the network identification).

Network numbers are assigned for networks that are connected to the research Internet and operational Internet, and for independent networks that use the IP family protocols (these are usually commercial). These independent networks are marked with an asterisk preceding the number.

The administrators of independent networks must apply separately for permission to interconnect their network with the Internet. Independent networks should not be listed in the working tables of the Internet hosts or gateways.

For various reasons, the assigned numbers of networks are sometimes changed. To ease the transition the old number will be listed for a transition period as well. These "old number" entries will be marked with a "T" following the number and preceding the name, and the network name will be suffixed "-TEMP".

#### Special Addresses:

In certain contexts, it is useful to have fixed addresses with functional significance rather than as identifiers of specific hosts.

The address zero is to be interpreted as meaning "this", as in "this network".

For example, the address 0.0.0.37 could be interpreted as meaning host 37 on this network.

The address of all ones are to be interpreted as meaning "all", as in "all hosts".

For example, the address 128.9.255.255 could be interpreted as meaning all hosts on the network 128.9.

The class A network number 127 is assigned the "loopback" function, that is, a datagram sent by a higher level protocol to a network 127 address should loop back inside the host. No datagram "sent" to a network 127 address should ever appear on any network anywhere.

#### Class A Networks

* Internet Address	Network	Name	References
-----	-----	----	-----
*0.rrr.rrr.rrr	Reserved	Reserved	[JBP]
1.rrr.rrr.rrr-2.rrr.rrr.rrr		Unassigned	[NIC]
C*3.rrr.rrr.rrr	GE-INTERNET	GE TCP/IP Net	[JEB50]
R 4.rrr.rrr.rrr	SATNET	Atlantic Sat Net	[SHB]

5.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
D 6.rrr.rrr.rrr	YPG-NET	Yuma Proving Grounds	[4,BWA]
D 7.rrr.rrr.rrr T	EDN-TEMP	DCEC EDN	[EC5]
R 8.rrr.rrr.rrr	BBNCCNET	BBN Net	[JSG5]
R 9.rrr.rrr.rrr	IBM	IBM Rsch Net	[MT1]
R 10.rrr.rrr.rrr	ARPANET	ARPANET	[4,JS283]
D 11.rrr.rrr.rrr	DODIIS	DoD Intel Info Sys	[AY5]
C 12.rrr.rrr.rrr	ATT	ATT Bell Labs	[MH82]
C 13.rrr.rrr.rrr	XEROX-NET	XEROX Internet	[47,JNL1]
C 14.rrr.rrr.rrr	PDN	Public Data Net	[JS283]
R 15.rrr.rrr.rrr	HP-INTERNET	HP-INTERNET	[18,WU1]
16.rrr.rrr.rrr-17.rrr.rrr.rrr		Unassigned	[NIC]
R 18.rrr.rrr.rrr T	MIT-TEMP	MIT Net	[9,39,DDC1]
19.rrr.rrr.rrr-20.rrr.rrr.rrr		Unassigned	[NIC]
D 21.rrr.rrr.rrr	DDN-RVN	DDN-RVN	[MLC]
D 22.rrr.rrr.rrr	DISNET	DISNET	[JM28]
D 23.rrr.rrr.rrr	DDN-TC-NET	DDN-TestCell-Net	[DH17]
24.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R 25.rrr.rrr.rrr	RSRE-EXP	RSRE-EXP	[CDB4]
D 26.rrr.rrr.rrr	MILNET	MILNET	[TMH6]
R 27.rrr.rrr.rrr T	NOSC-LCCN-TEMP	NOSC/LCCN	[RH6]
R 28.rrr.rrr.rrr	WIDEBAND	Wide Band Sat Net	[CJW2]
D 29.rrr.rrr.rrr T	MILX25-TEMP	MILNET X.25 Temp	[MLC]
D 30.rrr.rrr.rrr T	ARPAX25-TEMP	ARPA X.25 Temp	[MLC]
G 31.rrr.rrr.rrr	UCDLA-NET	UCLA-CATALOG-NET	[CL64]
32.rrr.rrr.rrr-34.rrr.rrr.rrr		Unassigned	[NIC]
R 35.rrr.rrr.rrr	MERIT	MERIT Comp Net	[HWB]
R 36.rrr.rrr.rrr T	SU-NET-TEMP	Stanford Univ Net	[VAF]
37.rrr.rrr.rrr-38.rrr.rrr.rrr		Unassigned	[NIC]
R 39.rrr.rrr.rrr T	SRINET-TEMP	SRI Local Net	[JMR]
40.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R 41.rrr.rrr.rrr	BBN-TEST-A	BBN-GATE-TEST-A	[RH6]
R 42.rrr.rrr.rrr	CAN-INET	Canadian Rsch Net	[47,PAP4]
R*43.rrr.rrr.rrr	JAPAN-A	Japan Inet	[JM292]
R 44.rrr.rrr.rrr	AMPRNET	Amateur Rad Exp Net	[PK28]
C 45.rrr.rrr.rrr T	SHOWNETA	Trade Show Net	[NIC]
C 46.rrr.rrr.rrr	BBNET	BBN Corp Net	[4,JSG1]
R*47.rrr.rrr.rrr	BNR	BNR Corp Net	[BM178]
48.rrr.rrr.rrr-126.rrr.rrr.rrr		Unassigned	[NIC]
*127.rrr.rrr.rrr	Loopback	Loopback	[JBP]



* Internet Address	Network	Name	References
-----	-----	-----	-----
*128.0.rrr.rrr	Reserved	Reserved	[JBP]
R 128.1.rrr.rrr	BBN-TEST-B	BBN-GATE-TEST-B	[RH6]
R 128.2.rrr.rrr	CMU-NET	CMU-Ether	[HDW2]
R 128.3.rrr.rrr	LBL-IP-NET1	LBL-CSR-NET	[WJ2]
R 128.4.rrr.rrr	DCNET	LINKABIT DCNET	[32,DLM1]
R 128.5.rrr.rrr	FORDNET	FORD DCNET	[32,FJB3]
R 128.6.rrr.rrr	RUTGERS	RUTGERS	[CLH3]
R 128.7.rrr.rrr	KRAUTNET	KRAUTNET	[GB7]
R 128.8.rrr.rrr	UMDNET	Univ of Maryl DCNET	[32,DLM1]
R 128.9.rrr.rrr	ISI-NET	USC-ISI Local Net	[VLG]
R 128.10.rrr.rrr	PURDUE-CS-EN	Purdue CS Ether	[47,DT50]
R 128.11.rrr.rrr	BBN-CRONUS	BBN DOS Proj	[31,PK19]
R 128.12.rrr.rrr	SU-NET	Stanford Univ Net	[VAF]
D 128.13.rrr.rrr	MATNET	Mob Access Term Net	[SHB]
R 128.14.rrr.rrr	BBN-SAT-TEST	BBN SATNET Test Net	[SHB]
R 128.15.rrr.rrr	SINET	LLL-S1-NET	[RAK12]
R 128.16.rrr.rrr	UCLNET	Univ College London	[PK]
D 128.17.rrr.rrr	MATNET-ALT	Mob Access Term Alt	[SHB]
R 128.18.rrr.rrr	SRINET	SRI Local Net	[TONY]
D 128.19.rrr.rrr	EDN	DCEC EDN	[EC5]
D 128.20.rrr.rrr	BRLNET	BRLNET	[4,MJM2]
R 128.21.rrr.rrr	SRI-PR-1	SRI Pck Rad-1 Net	[PEM4]
R 128.22.rrr.rrr	SRI-PR-2	SRI Pck Rad-2 Net	[PEM4]
128.23.rrr.rrr	Unassigned	Unassigned	[NIC]
R 128.24.rrr.rrr	ROCKWELL-PR	Rockwell Pck Rad Net	[NG]
D 128.25.rrr.rrr	BRAGG-PR	Ft. Bragg Pck Rad Net	[LDB3]
D 128.26.rrr.rrr	SAPE-AIRNET	RADC-SAPE-PR-NET	[CAD13]
D 128.27.rrr.rrr	DEMO-PR-1	Demo-1 Pck Rad Net	[LCS]
D 128.28.rrr.rrr	C3-PR-TEMP	Testbed Dev PR NET	[GMR]
R 128.29.rrr.rrr	MITRE	MITRE Cablenet	[45,TML]
R 128.30.rrr.rrr	MIT-NET	MIT Local Net	[DDC1]
R 128.31.rrr.rrr	MIT-RES	MIT Rsch Net	[DDC1]
R 128.32.rrr.rrr	UCB-ETHER	UC Berkeley Ether	[RWH5]
R 128.33.rrr.rrr	BBN-NET	BBN Net	[JSG5]
R 128.34.rrr.rrr	NOSC-LCCN	NOSC/LCCN	[RH6]
R 128.35.rrr.rrr	CISLTESTNET1	Honeywell	[22,23,JLM23]
R 128.36.rrr.rrr	YALE-NET	YALE Net	[47,HML1]
D 128.37.rrr.rrr	YUMA	Army Yuma Proving Grd	[4,RBB2]
D 128.38.rrr.rrr	NSWC-NET	NSWC Local Host Net	[VHB]
R 128.39.rrr.rrr	NTANET	NDRE-TIU	[PS27]
R 128.40.rrr.rrr	UCL-NET-A	Univ College London	[JA168]
R 128.41.rrr.rrr	UCL-NET-B	Univ College London	[JA168]
R 128.42.rrr.rrr	RICE-NET	Rice Univ	[47,FG50]
R 128.43.rrr.rrr	DRENET	Canada REF ARPANET	[4,JR17]

D 128.44.rrr.rrr	WSMR-NET1	White Sands Net	[CAS1]
C 128.45.rrr.rrr	DEC-WRL-NET	DEC WRL Net	[47,BKR]
R 128.46.rrr.rrr	PURDUE-NET	Purdue Camp Net	[JRS8]
D 128.47.rrr.rrr	TACTNET	Tactical Pck Net	[3,MB31]
G 128.48.rrr.rrr	UCDLA-NET-B	UCDLA-Net-B	[4,CL64]
R 128.49.rrr.rrr	NOSC-ETHER	NOSC Ether	[47,RLB3]
G 128.50.rrr.rrr	COINS	COINS Online Intnet	[RLS6]
G 128.51.rrr.rrr	COINSTNET	COINS Online Intnet	[RLS6]
R 128.52.rrr.rrr	MIT-AI-NET	MIT AI NET	[47,MDC]
R 128.53.rrr.rrr	SAC-PR-2	SAC PRNET Number 2	[GMR]
R 128.54.rrr.rrr	UCSD	UC San Diego Net	[47,GH29]
R 128.55.rrr.rrr	MFENET	LLNL MFE Net	[47,BCH2]
D 128.56.rrr.rrr	USNA-NET	US Naval Acad Net	[RAD15]
D 128.57.rrr.rrr	DEMO-PR-2	Demo-2 Pck Rad Net	[LCS]
C 128.58.rrr.rrr	SLCS	Schlumberger LCS Net	[47,CG64]
R 128.59.rrr.rrr	CU-NET	Columbia Univ	[47,BC14]
D 128.60.rrr.rrr	NRL-ETHER	NRL Lab Area Net	[WF3]
R 128.61.rrr.rrr	GATECH	Georgia Tech	[47,DD11]
R 128.62.rrr.rrr	MCC-NET	MCC Corp Net	[47,CBD]
R 128.63.rrr.rrr	BRL-SUBNET	BRL-SUBNET-EXP	[MJM2]
R 128.64.rrr.rrr-128.79.rrr.rrr		Net Dynamics Exp	[ZSU]
D 128.80.rrr.rrr	CECOMNET	CECOM EPR NET	[PFS2]
R 128.81.rrr.rrr	SYMBOLICS	SYMBOLICS	[47,SE31]
R 128.82.rrr.rrr	ODU	ODU Rsch Net	[RW164]
R 128.83.rrr.rrr	UTAUSTIN	Univ of Texas Austin	[47,TLL8]
R 128.84.rrr.rrr	CORNELL-NET	Cornell Backbone Net	[47,DK2]
C*128.85.rrr.rrr	DRILL-NET	Teleco Drilltech Net	[DBJ4]
R 128.86.rrr.rrr	MRC	UK.CO.GEC.RL.MRC	[RHC3]
R 128.87.rrr.rrr	HIRST	UK.CO.GEC.RL.HRC	[RHC3]
R*128.88.rrr.rrr	HP-NET	HEWLETT-PACKARD-NET	[AG67]
R 128.89.rrr.rrr	BBN-ENET	BBN Ether Net	[47,SGC]
C*128.90.rrr.rrr	SCRIBE	Scribe Sys	[47,ERC1]
R 128.91.rrr.rrr	UPENN	UPenn Camp Net	[47,IW5]
R 128.92.rrr.rrr	INTELLINET	INTELLICORP NET	[47,RJL3]
R 128.93.rrr.rrr	INRIA-NET	INRIA Rocquencourt	[MS171]
C*128.94.rrr.rrr	SYSNET	AT&T SYSNet	[EY5]
R 128.95.rrr.rrr	WASHINGTON	Comp Sci Ether Net	[47,NJB7]
C 128.96.rrr.rrr	BELLCORE-NET	BELLCORE-NET	[PK28]
R 128.97.rrr.rrr	UCLANET	UCLA Net	[RBW]
R 128.98.rrr.rrr	RSRE-EN2	RSRE-EXP-NET-2	[JW156]
C 128.99.rrr.rrr	NORTHROP-NET	Northrop Net	[47,RSM1]
R 128.100.rrr.rrr	TORONTO	Univ of Toronto Net	[47,BD55]
R 128.101.rrr.rrr	UMN-NET	Univ of Minn	[PS191]
G 128.102.rrr.rrr	AMES-NET	Ames Backbone Net	[47,MSM1]
R 128.103.rrr.rrr	HARV-FIBER	Harv FiberOp Ether	[47,SB28]
R 128.104.rrr.rrr	WISC-HERD	Univ of Wisconsin	[47,EJN1]

R 128.105.rrr.rrr	WISC	Univ of Wisconsin	[47,BAC9]
D 128.106.rrr.rrr	SRI-PSON-1	ADEA/SRI Ft. Lewis	[ERK3]

[RFC 1117](#)

Internet Numbers

August 1989

D 128.107.rrr.rrr	LEWIS-PRNET1	ADEA/SRI Ft. Lewis	[ERK3]
D 128.108.rrr.rrr	LEWIS-PRNET2	ADEA/SRI Ft. Lewis	[ERK3]
R 128.109.rrr.rrr	TUCC-MCNC	TUCC-MCNC NC Net	[JRR14]
R 128.110.rrr.rrr	UTAH-NET	UTAH-Camp-NET	[JL15]
R 128.111.rrr.rrr	UCSB	Univ of CA, San Barb	[AKS31]
R 128.112.rrr.rrr	PRINCETON	Princeton Univ	[LRR1]
R 128.113.rrr.rrr	RPINET	RPI-LOCALNET	[JF78]
R 128.114.rrr.rrr	UCSC	Univ of CA, San Cruz	[47,JHH8]
R 128.115.rrr.rrr	LLL-LABNET	LLNL Open Labnet	[LL64]
R 128.116.rrr.rrr	USAN	UNIV Sat NET	[47,JHC12]
R 128.117.rrr.rrr	UCAR	UNIV CORP ATM RSCH	[47,JHC12]
R 128.118.rrr.rrr	PENN-STATE	Penn State Net	[SJS11]
R 128.119.rrr.rrr	UMASS-NET	UMass COINS Dept LAN	[47,GW40]
R 128.120.rrr.rrr	UCDAVIS	Univ of CA, Davis Net	[47,RH5]
R 128.121.rrr.rrr	JVNC-NET	John von Neu Ctr Net	[SH37]
R 128.122.rrr.rrr	NYU-NET	NYU Camp Net	[BJR2]
R 128.123.rrr.rrr	NMSU	N M State Univ	[47,MSP1]
R 128.124.rrr.rrr	NTA-TEMP	NTARE BF-TO-PDP11	[TM10]
R 128.125.rrr.rrr	USCNET	USC Camp Net	[47,MAB4]
R 128.126.rrr.rrr	UNISYS-PRC	UNISYS-PRC	[47,JWM3]
C 128.127.rrr.rrr	FTP-SOFTWARE	FTP Soft Net	[JBV2]
R 128.128.rrr.rrr	WHOINET	WHOI Camp Net	[ARM5]
C*128.129.rrr.rrr	CGI	Carnegie Grp	[RA62]
R*128.130.rrr.rrr	TUNET-T	TU Wien Term Net	[47,JD238]
R*128.131.rrr.rrr	TUNET-F	TU Wien File Net	[47,JD238]
G 128.132.rrr.rrr	RADC-LONS	RADC-LONS Net	[47,SWR3]
G 128.133.rrr.rrr	AFSC-LONS	AFSC-LONS Net	[47,SWR3]
R 128.134.rrr.rrr	SDN	Sys Dev Net	[6,7,HC2]
R 128.135.rrr.rrr	U-CHICAGO	Univ of Chicago	[47,MC17]
R 128.136.rrr.rrr	TEK-ALLNET	Teknowledge-Net	[47,TE16]
R*128.137.rrr.rrr	GENNET1	Genentech Corp Net	[47,SM96]
R 128.138.rrr.rrr	COLORADO	U Colo Boulder	[47,RAJ8]
R 128.139.rrr.rrr	ILAN	Israel Academic Net	[47,DB35]
R 128.140.rrr.rrr	EMORY-INET	Emory Int	[47,AR60]
R*128.141.rrr.rrr	CERN-ETHER	DD Main Ether	[47,BMS2]
R*128.142.rrr.rrr	CERN-TOKEN	DD Main IBM Token	[47,BMS2]
R 128.143.rrr.rrr	VIRGINIA	Univ of Virginia	[47,JAJ17]
R*128.144.rrr.rrr	ARC-CALGARY	Alta Rsch Calgary	[DK66]
R 128.145.rrr.rrr	NYSERNET	NYSERNET	[MS9]

R 128.146.rrr.rrr	OHIO-STATE	Ohio State Univ	[RSD2]
R 128.147.rrr.rrr	U-PGH-NET	Univ Pittsburgh Net	[SM6]
R 128.148.rrr.rrr	BROWN-UNIV	Brown Univ Net	[MR29]
G 128.149.rrr.rrr	JPL-NET	JPL Central Net	[MSM1]
G 128.150.rrr.rrr	NSF-LAN	NSF-LAN	[FW17]
R 128.151.rrr.rrr	UR-NET	Univ of Rochester	[TM57]
C 128.152.rrr.rrr	HAC-ENET	Hughes Air VLSI Net	[PH45]
R 128.153.rrr.rrr	CLARKSON	Clarkson Univ	[ABS6]
G 128.154.rrr.rrr	WFF-NET	NASA WFF Net	[MSM1]

[RFC 1117](#)

Internet Numbers

August 1989

G 128.155.rrr.rrr	LARC-NET	LARC Central Net	[MSM1]
G 128.156.rrr.rrr	LERC-NET	LERC Central Net	[MSM1]
G 128.157.rrr.rrr	JSC-NET	JSC Central Net	[MSM1]
G 128.158.rrr.rrr	MSFC-NET	MSFC Central Net	[MSM1]
G 128.159.rrr.rrr	KSC-NET	KSC Central Net	[MSM1]
G 128.160.rrr.rrr	NSTL-NET	NSTL Central Net	[JH174]
G 128.161.rrr.rrr	NSN-NET	NASA Sci Net	[MSM1]
C 128.162.rrr.rrr	CRAY-NET	Cray Rsch	[DJD30]
R 128.163.rrr.rrr	UKY	Univ of Kentucky	[GB43]
R 128.164.rrr.rrr	GWU-GATE	George Wash Univ	[TT35]
G 128.165.rrr.rrr	LANL-INET	LANL Inter-Net	[PCW]
D*128.166.rrr.rrr	BAC-NET	Boeing Aero Corp Net	[JJ48]
R 128.167.rrr.rrr	SURA	SURANET	[JH92]
C 128.168.rrr.rrr	GOLDHILL	Gold Hill Comps	[EJS1]
R 128.169.rrr.rrr	UTK	Univ Tenn-Knoxville	[JDC20]
R 128.170.rrr.rrr	UNISYS-CAM	Unisys Camarillo R&D	[DSR]
R 128.171.rrr.rrr	HAWAII	Univ of Hawaii	[TN11]
R 128.172.rrr.rrr	VCU-LAN	VCU-LAN	[JN40]
R 128.173.rrr.rrr	VA-TECH	Virginia Tech Net	[PB40]
R 128.174.rrr.rrr	UIUC-CAMPUS-B	UIUC Camp Net	[PP14]
R 128.175.rrr.rrr	UDELNET	U of Delaware Net	[DJG2]
R*128.176.rrr.rrr	DMSWWU-ETHER	DMSWWU Ether	[GR26]
C*128.177.rrr.rrr	BLI-NET	Britton Lee Net	[ <a href="#">EPA</a> ]
R*128.178.rrr.rrr	EPF-ETHER1	Ecublens Camp Net	[YD2]
R*128.179.rrr.rrr	EPF-ETHER2	Cedres Camp Net	[YD2]
R 128.180.rrr.rrr	LEHIGH	Lehigh Univ	[ <a href="#">47</a> ,MM149]
C 128.181.rrr.rrr	TEKTRONIX	Tektronix Eng	[JB218]
R 128.182.rrr.rrr	PSCNET	PSC Affiliates Net	[EFH4]
R 128.183.rrr.rrr	GSFC	NASA/GSFC	[JB113]
R*128.184.rrr.rrr	DEAKINET	Deakin Univ Net	[JM303]
C 128.185.rrr.rrr	PROTEON-NET	Proteon Net	[JS28]
R 128.186.rrr.rrr	FSU	Florida State Univ	[KMH8]

R 128.187.rrr.rrr	BYU-NET	BYU-NET	[KCM2]
R 128.188.rrr.rrr	M2CNET	Mass VLSI/CAD Net	[ <a href="#">SD1</a> ]
R 128.189.rrr.rrr	BCNET	British Columbia Net	[D026]
G 128.190.rrr.rrr	BELVOIR	BRADEC SubNet	[MDS30]
C*128.191.rrr.rrr	NECIS-NET	NEC Info Sys Net	[DP71]
R 128.192.rrr.rrr	UGA	UGNET	[EHH4]
R 128.193.rrr.rrr	ORST	Oregon State Univ Net	[BA26]
R 128.194.rrr.rrr	TAMU-NET	Texas A&M Univ	[WM68]
R 128.195.rrr.rrr	UCIICS-NET	UCI ICS Net	[RAJ3]
R 128.196.rrr.rrr	UNIV-ARIZ	U of Ariz Rsch Net	[TF30]
R 128.197.rrr.rrr	BU-NET	BU-NET	[JSOL]
R 128.198.rrr.rrr	CU-COLOSPGS	CU-Colo-Spgs-Net	[ <a href="#">47</a> ,RDG12]
R*128.199.rrr.rrr	STC	STC PLC Co Net	[AM54]
R 128.200.rrr.rrr	UCI-NET	UCI Camp Net	[DW96]
R*128.201.rrr.rrr	REUNIR	Reseau des Univ	[RN25]
D 128.202.rrr.rrr	CSOCNET	2SW SPACENET LAN	[JJD12]

Romano, Stahl & Recker

[Page 11]

[RFC 1117](#)

Internet Numbers

August 1989

R*128.203.rrr.rrr	UB-INC	Ungermann-Bass Inc	[DXC]
R 128.204.rrr.rrr	ALBANYNET	U at Albany Net	[BEC1]
R 128.205.rrr.rrr	UBUFFALONET	UNIVOFBUFFALONET	[CFD4]
R 128.206.rrr.rrr	MONET	Univ-of-Mo-Net	[BEC5]
C*128.207.rrr.rrr	BOEING-PSN	Boeing-Puget Sound	[ <a href="#">47</a> ,JSY2]
R 128.208.rrr.rrr	WASH-NSF	Wash-NSF	[ <a href="#">47</a> ,SH47]
C 128.209.rrr.rrr	NYNEXSTNET	NYNEX Sci and Tech	[MC65]
R 128.210.rrr.rrr	PURDUE-CCNET	Purdue Comp Ctr	[ <a href="#">47</a> ,JS81]
R 128.211.rrr.rrr	PURDUE-CS-CYP	CYPRESS-HUB-PURDUE	[DT50]
C*128.212.rrr.rrr	ISCNET	ISC Corp Net	[DM27]
R 128.213.rrr.rrr	RPICSNET	RPI CSNet	[ <a href="#">47</a> ,CW42]
R 128.214.rrr.rrr	FUNET	Finnish Univ Net	[ <a href="#">47</a> ,JH141]
C*128.215.rrr.rrr	INTEL-NT	INTEL Eng Net	[ <a href="#">47</a> ,HC24]
D 128.216.rrr.rrr	CC-PRNET	CENTCOM Pck Rad Net	[ <a href="#">47</a> ,GIH]
G 128.217.rrr.rrr	NASA-KSC-OIS	NASA KSC OIS	[ <a href="#">47</a> ,MSM1]
R 128.218.rrr.rrr	UCSF-NET	Univ of CA, San Fran	[ <a href="#">47</a> ,TF6]
R 128.219.rrr.rrr	ORNL-NETB1	ORNL Local Area Net	[ <a href="#">29</a> ,THD]
R 128.220.rrr.rrr	JHU	Johns Hopkins Univ	[ <a href="#">47</a> ,RLR46]
R 128.221.rrr.rrr	DGPN1	Data Gen Priv Net 1	[ <a href="#">47</a> ,PSS1]
C 128.222.rrr.rrr	DGPN2	Data Gen Priv Net 2	[ <a href="#">47</a> ,PSS1]
R 128.223.rrr.rrr	UONET	Univ of Oregon Net	[ <a href="#">47</a> ,DS85]
C*128.224.rrr.rrr	EPILOGUE	Epilogue Tech	[KA4]
C*128.225.rrr.rrr	BOEING-EN	Boeing-East Net	[ <a href="#">47</a> ,JSY2]
R 128.226.rrr.rrr	BINGHAMTON	UNIVATBINGHAMTON	[ <a href="#">47</a> ,RM120]
R 128.227.rrr.rrr	UFNET	Univ of Florida Net	[ <a href="#">47</a> ,AW48]

R 128.228.rrr.rrr	CUNY	City Univ of NY	[47,SMP2]
R 128.229.rrr.rrr	ADSNET	Adv Dec Sys Net	[47,BJL5]
R 128.230.rrr.rrr	SYR-UNIV-NET	Syracuse Univ Net	[47,JW47]
G 128.231.rrr.rrr	NIH-NET	Natl Insts of Health	[17,RF57]
R*128.232.rrr.rrr	CL-CAM-AC-UK	Univ Camb Comp Lab	[47,MAJ1]
R*128.233.rrr.rrr	USASK	Univ of Sask Net	[47,LRC7]
R*128.234.rrr.rrr	COS-NET	COS Net	[47,AP25]
R 128.235.rrr.rrr	NJIT	NJIT Net	[47,BM79]
D 128.236.rrr.rrr	USAFA-NET	US AF Acad Net	[47,GEOFF]
R 128.237.rrr.rrr	CMU-SEI-NET	SEI Ether	[47,PDB5]
R 128.238.rrr.rrr	POLY-U-NET	Polytech Univ Net	[47,AMM14]
R 128.239.rrr.rrr	WM-NET	William and Mary Net	[47,SF34]
R*128.240.rrr.rrr	NCL	Newcastle Camp Net	[47,AL46]
R 128.241.rrr.rrr	SESQUINET	SESQUINET	[GTA]
R 128.242.rrr.rrr	MIDNET	Midwest Reg Net	[MM147]
R*128.243.rrr.rrr	NOTT-AC-UK	Univ of Notting Net	[47,WA16]
D 128.244.rrr.rrr	APL-NET	Applied Phy Lab Net	[47,SAK3]
R 128.245.rrr.rrr	SRA-CT-NET	SRA-CONNECTICUT-NET	[20,JSS4]
C*128.246.rrr.rrr	CGCH-WIRZ	WIRZ Scientific Net	[17,HN3]
C 128.247.rrr.rrr	TI	Texas Instruments	[DF71]
R 128.248.rrr.rrr	UIC-NET	Univ of Ill-Chicago	[47,EZ3]
R 128.249.rrr.rrr	TMC-NET	Texas Med Ctr Net	[47,SB98]
R*128.250.rrr.rrr	UNIMELB	Univ of Melbourne	[47,CC89]

C*128.251.rrr.rrr	ROCKW-TELEDA	Rockwell-Tele	[47,JCW12]
R 128.252.rrr.rrr	WASHINGTON-U	Wash Univ Net	[26,DGH13]
R 128.253.rrr.rrr	CCS-NET	Cornell Univ Comp Net	[DC126]
R*128.254.rrr.rrr	FMC-NOD	FMC-NOD	[47,WCV7]
R 128.255.rrr.rrr	UIOWA	Univ of Iowa Camp Net	[MN54]
129.0.rrr.rrr	Reserved	Reserved	[JBP]
R 129.1.rrr.rrr	BGSU	Bowling Green State	[SH71]
R 129.2.rrr.rrr	UMD-BOGON-NET	UMD Student Net	[47,LAM1]
R 129.3.rrr.rrr	SUNY-OSWEGO-NET	SUNY - Oswego	[47,PRT2]
C 129.4.rrr.rrr	TRW	TRW Info Net	[47,GGB2]
R*129.5.rrr.rrr	HGCNET	HARTFORDGRADCTRGNET	[46,AG61]
G 129.6.rrr.rrr	NBS	NBS Net	[47,CWH3]
R 129.7.rrr.rrr	UH-NET	Univ of Houston Net	[47,JH155]
R 129.8.rrr.rrr	CSUFRESNO	CSUFresno CSci Net	[47,RP88]
C*129.9.rrr.rrr	CHRYSLER-NET	CHRYSLER-Int	[RER20]
R 129.10.rrr.rrr	NORTHEASTERN-NET	Northeastern Net	[47,CJ38]
R*129.11.rrr.rrr	LEEDS	Leeds Univ Net	[47,AJC11]
R*129.12.rrr.rrr	UKC	UKC Camp Net	[47,SL55]

R*129.13.rrr.rrr	LINK	Karlsruhe Net	[47,MR78]
C*129.14.rrr.rrr	SBINY	Salomon Brothers Inc	[47,BC72]
R 129.15.rrr.rrr	UOKNOR	Univ of Okla, Norman	[JW136]
R 129.16.rrr.rrr	CTH-NET	Chalmers Univ	[GL41]
R*129.17.rrr.rrr	SSED-NET	Honeywell-SSED-NET	[DM147]
C 129.18.rrr.rrr	NEXT-NET	NEXT, Inc Net	[47,PFK]
R 129.19.rrr.rrr	WESTNET	Western Reg Net	[47,DCMW]
R 129.20.rrr.rrr	VERDUR	VERDUR	[RN25]
R*129.21.rrr.rrr	RIT	Rochester InstofTech	[47,CF35]
R 129.22.rrr.rrr	CWRUNET	CWRU Camp Net	[47,JAG3]
R 129.23.rrr.rrr	SDIO-INTERNET	SDIO Wide Area Int	[47,KDZ]
R 129.24.rrr.rrr	UNM-CDCN	Univ of New Mexico Net	[SM137]
R 129.25.rrr.rrr	DREXEL	Drexel Univ	[47,RR97]
R*129.26.rrr.rrr	GMD-DE	GMD Net (Germany)	[47,PM72]
C*129.27.rrr.rrr	WEDGE-NET	Wedge Comp Net	[DTH]
129.28.rrr.rrr	Unassigned	Unassigned	[NIC]
D 129.29.rrr.rrr	USMANET	US Military Acad Net	[47,BAT4]
C 129.30.rrr.rrr	HONEYWELL	Honeywell Inc Net	[47,DB97]
R*129.31.rrr.rrr	ICNET	Imperial College	[47,LM88]
R 129.32.rrr.rrr	TEMPLE	Temple Univ Net	[35,47,TES16]
R 129.33.rrr.rrr	IBM	IBM Research Net	[JP247]
R 129.34.rrr.rrr	IBM-WATSON	IBM T.J. Watson Net	[BR92]
R 129.35.rrr.rrr-129.42.rrr.rrr		IBM Research Net	[JP247]
R 129.43.rrr.rrr	NCI-FCRF	Frederick Cancer Net	[47,WLB5]
C*129.44.rrr.rrr	NYTEL1095NET	NYTEL1095NET	[47,HT12]
C*129.45.rrr.rrr	NYTELNOCNET1	NYTELNOCNET1	[47,JO54]
C 129.46.rrr.rrr	QUALNET	QUALCOMM Ether	[47,TM37]
C*129.47.rrr.rrr	SYTEK-INC	Sytek Corp MV	[AB90]
D 129.48.rrr.rrr	WPAFB-CDS-NET	WPAFB-CDS-Net	[47,CMC6]
R 129.49.rrr.rrr	SUNY-SB	SUNY at Stony Brook	[47,JM414]

G*129.50.rrr.rrr	PSCN	NASA/PSCN TCP/IP	[BRB8]
D 129.51.rrr.rrr	ESMC-LONS	SAMTO-ESMC LONS	[47,SWR3]
D 129.52.rrr.rrr	WPAFB-LONS	W. Patt AFB LONS	[47,SWR3]
D 129.53.rrr.rrr	HANSCOM	HANSCOM-NET	[47,DD63]
D 129.54.rrr.rrr	WSMC-LONS	SAMTO-WSMC LONS	[47,SWR3]
R 129.55.rrr.rrr	LINCOLN-MI	Lincoln Mach Int Net	[47,KLS24]
D*129.56.rrr.rrr	AUXNET-PR	CAP Pck Rad Net	[KFS]
R 129.57.rrr.rrr	CEBAF	CEBAF Local Area Net	[47,RC247]
R*129.58.rrr.rrr	SRPNET	Savannah Riv Plt Net	[47,MJ33]
R 129.59.rrr.rrr	VANDERBILT	Vanderbilt Univ	[EZ8]
R 129.60.rrr.rrr	NTT-INET	NTT Rsch Lab Net	[26,47,YS10]

D 129.61.rrr.rrr	ECONET	Eglin Comp Net	[47,CG1]
R*129.62.rrr.rrr	BAYLOR	Baylor Univ Prim Net	[47,BL31]
R 129.63.rrr.rrr	LOWELL	Univ of Lowell Net	[47,RS414]
R*129.64.rrr.rrr	BRANDEIS	Brandeis Univ	[JSM11]
R 129.65.rrr.rrr	CALPOLY	Cal Poly State U-SLO	[47,ML95]
R 129.66.rrr.rrr	ASN-NET	Alabama Super Net	[33,JRS48]
R*129.67.rrr.rrr	OXFORDNET	Oxford Univ Ether	[47,MH118]
R*129.68.rrr.rrr	SJU-NET	St. Joseph's Ether	[47,JP147]
R*129.69.rrr.rrr	RUS-NET	Univ of Stuttgart Net	[KDM6]
R*129.70.rrr.rrr	BINET	Bielefeld Univ Net	[33,WH64]
R 129.71.rrr.rrr	WVNET	West Virginia Net	[RL104]
R 129.72.rrr.rrr	UWYO	Univ of Wyoming Net	[47,RM177]
C 129.73.rrr.rrr	SIEMENS	Siemens Rsch	[47,MB143]
R 129.74.rrr.rrr	NOTRE-DAME	Univ of Notre Dame Net	[MDE3]
C*129.75.rrr.rrr	MASSCOMP-NET	MASSCOMP Corp Net	[47,BD56]
C*129.76.rrr.rrr	ROSEMOUNT	Rosemount Inc	[47,JW266]
C*129.77.rrr.rrr	OXFORD-TP	Oxford Trading Part	[47,KRM5]
R*129.78.rrr.rrr	SYDNET	Univ of Sydney Net	[DP149]
R 129.79.rrr.rrr	INDIANA-NET	Indiana Univ Net	[BS69]
C*129.80.rrr.rrr	STORTEK	Storage Tek Corp	[26,DB162]
R 129.81.rrr.rrr	TULANE-NET	Tulane Univ	[26,JV41]
R 129.82.rrr.rrr	CSUNET	Colo State Univ	[47,SM83]
D 129.83.rrr.rrr	MITRE-B-NETB	MITRE-BEDFORD EtherB	[47,BSW]
C 129.84.rrr.rrr	TWG-NET	The Wollongong Net	[TN29]
R 129.85.rrr.rrr	ROCK	Rockefeller Univ	[47,MK38]
C*129.86.rrr.rrr	SANDERS	Sanders Assoc, Inc	[47,RT60]
C 129.87.rrr.rrr	SLBDRNET	Schlumberger SDR Net	[47,RK75]
R 129.88.rrr.rrr	IMAG	Grenoble CS Labs	[PL37]
R 129.89.rrr.rrr	MILW-IPNET	UW-Milwaukee IP Net	[47,JSL9]
C*129.90.rrr.rrr	INTEVEP	INTEVEP Net	[47,RA66]
R 129.91.rrr.rrr	ENCORE	Encore-Marlboro	[47,IRN]
D 129.92.rrr.rrr	AFIT	AF Inst of Tech	[26,DWD20]
R 129.93.rrr.rrr	HUSKERNET	UNL Camp Net	[MM147]
R*129.94.rrr.rrr	UNSW	Univ of NSW Net	[47,PG40]
R 129.95.rrr.rrr	OREGRADNET	Oregon Grad Ctr Net	[JC235]
R*129.96.rrr.rrr	FLINDERS-UNI	Flinders Camp Net	[26,TGN]
R 129.97.rrr.rrr	UWNET	Univ of Waterloo Net	[47,WCWI]

R*129.98.rrr.rrr	ALNET	Albert Einstein College	[47,RNB5]
G 129.99.rrr.rrr	NAS-NET	NAS Super Net	[47,JL52]
R 129.100.rrr.rrr	UWO-NET	U of Western Ontario	[47,PM81]
R 129.101.rrr.rrr	IDAHO-ENGR	Idaho Eng/EE	[WDS11]



R*129.102.rrr.rrr	IRCAM	IRCAM	[MF14]
C*129.103.rrr.rrr	NERV	Nixdorf Dev Comp Net	[HG20]
R 129.104.rrr.rrr	POLY	Polytechnique Net	[47,GG68]
R 129.105.rrr.rrr	NWUNET	Northwestern Univ Net	[47,JPD18]
R 129.106.rrr.rrr	UTHOUSTON	UT Houston Components	[47,LN47]
R 129.107.rrr.rrr	UTARLINGTON	UT Arlington	[47,RDC36]
R 129.108.rrr.rrr	OTS-129-108	UTOTS Network	[47,LSV]
R 129.109.rrr.rrr	UTGALVESTON	UT Med Branch	[47,MH225]
R 129.110.rrr.rrr	UTDALLAS	UT Dallas	[47,DLL32]
R 129.111.rrr.rrr	UTHSCSA	UT Health Sci Ctr	[47,CA80]
R 129.112.rrr.rrr	UTSWMED	UT Southwest Med Ctr	[47,VS50]
R 129.113.rrr.rrr	OTS-129-113	UTOTS Network	[47,LSV]
R 129.114.rrr.rrr	UTCCSPRD	UT MD Anderson Ctr	[47,MM352]
R 129.115.rrr.rrr	OTS-129-115	UTOTS Network	[47,LSV]
R 129.116.rrr.rrr	CHPCHYPERHOSE	UT Ctr High Perf Comp	[47,WLJ7]
R 129.117.rrr.rrr	THENETMN	THENETMN	[47,LSV]
R 129.118.rrr.rrr	TTUNET	Texas Tech Univ	[47,JS450]
R 129.119.rrr.rrr	SOUTHMETHUNIV	Southern Methodist U	[47,LSV]
R 129.120.rrr.rrr	UNTEXAS	North Texas State Univ	[47,BB194]
R 129.121.rrr.rrr	NMTECHNET	New Mexico Technet	[47,IMK1]
C 129.122.rrr.rrr	PRIME	PRIME Comp Inc	[RLU3]
R 129.123.rrr.rrr	USU	USU	[47,RLR36]
C 129.124.rrr.rrr	GMRLNET	Gen Motors Rsch	[47,LR44]
R*129.125.rrr.rrr	RUGNET	RUG Univ Net	[47,HH37]
C 129.126.rrr.rrr	KODAK	KODAK Net	[47,DM269]
R*129.127.rrr.rrr	ADELAIDE-UNI	Univ Adelaide Net	[47,JB254]
R*129.128.rrr.rrr	U-ALBERTA	Univ of Alberta Net	[47,SS131]
R*129.129.rrr.rrr	PSI-ETHER	PSI Camp Net	[47,BH103]
R 129.130.rrr.rrr	KSUNET	KSU Camp Net	[BAV]
D 129.131.rrr.rrr	NWCNET	NAVWPNCENNET	[47,EG17]
R*129.132.rrr.rrr	ETH-ETHER	ETH/UNIZH Camp Net	[28,MA63]
R 129.133.rrr.rrr	WESNET	Wesleyan Univ Net	[47,JGD1]
C*129.134.rrr.rrr	HCSD-NET	Harris Comp Net	[47,DR49]
C*129.135.rrr.rrr	INGR	Intergraph Corp Net	[26,GS91]
R*129.136.rrr.rrr	NRCJ	NRC-JAPAN Net	[47,MS195]
R 129.137.rrr.rrr	UN-OF-CINCI	Univ of Cincinnati	[47,RB253]
R 129.138.rrr.rrr	NMTECH	New Mexico Tech	[47,MJA14]
D 129.139.rrr.rrr	PICANET	Pica Arsenal LAN	[47,RFD1]
R 129.140.rrr.rrr	NSFNET-BB	NSFNET-BACKBONE	[HWB]
D 129.141.rrr.rrr	GAFSNET	Gunter AFS X.25 Net	[BPW1]
R 129.142.rrr.rrr	DENET	Danish Net	[JPS21]
R*129.143.rrr.rrr	BELWUE	Baden-Wuerttemberg Ext	[CL80]
C 129.144.rrr.rrr-129.159.rrr.rrr		Sun Microsystems, Inc	[47,BN4]
R*129.160.rrr.rrr	SOLARIUM	The Radian Net	[47,JL152]

R*129.161.rrr.rrr	HGCGNET	HARTFORDGRADCTRGNET	[46,AG61]
R 129.162.rrr.rrr	SWRI-NET	SW Rsch Inst Net	[FF20]
G*129.163.rrr.rrr	NASA-JSCSSE	NASA JSC Space Sta	[21,DGL4]
G*129.164.rrr.rrr	NASA-SSPOSSE	NASA SSPO Space Sta	[21,DGL4]
G*129.165.rrr.rrr	NASA-GSFCSSSE	NASA GSFC Space Sta	[21,DGL4]
G*129.166.rrr.rrr	NASA-JFKSSE	NASA JFK Space Sta	[21,DGL4]
G*129.167.rrr.rrr	NASA-MSFCSSSE	NASA MSFC Space Sta	[21,DGL4]
G*129.168.rrr.rrr	NASA-LRCSSE	NASA LRC Space Sta	[21,DGL4]
R*129.169.rrr.rrr	ENG-CAM-UK	Eng, Cambridge, UK	[47,JMRM]
R 129.170.rrr.rrr	DART-ETHER	Dartmouth Ether	[SC59]
R 129.171.rrr.rrr	MIAMI	Univ of Miami	[47,HWP2]
R 129.172.rrr.rrr	ROK	Rockwell Intl Corp	[TGS6]
R*129.173.rrr.rrr	DALNET	Dalhousie Univ Net	[47,JS338]
R 129.174.rrr.rrr	MASONET	The GMU Univ	[47,TH15]
R 129.175.rrr.rrr	PARIS-SUD	Paris-Sud-Orsay	[RD104]
R 129.176.rrr.rrr	MAYO	Mayo Med Rsch Net	[47,GB125]
R 129.177.rrr.rrr	BERGEN-NET	Norwegian Academic Net	[47,PS27]
R 129.178.rrr.rrr	NORWAY-TWO	Norwegian Academic Net	[47,PS27]
C*129.179.rrr.rrr	CDCNET-PROD	CDC Corp Net	[RAM57]
R*129.180.rrr.rrr	UNE-CAMPUS	UNE Camp Lan	[47,GS119]
C*129.181.rrr.rrr	LV-BULL	Louveciennes Bull	[OD8]
C*129.182.rrr.rrr	CL-BULL	Les Clayes Bull	[JPW11]
C*129.183.rrr.rrr	EC-BULL	Echirolles Bull	[JPC17]
C*129.184.rrr.rrr	PR-BULL	Gambetta Bull	[FH35]
C*129.185.rrr.rrr	MY-BULL	Massy Bull	[MQ7]
R 129.186.rrr.rrr	CYCLONENET	ISU Cyclone Net	[47,RD108]
R*129.187.rrr.rrr	BAVARIAN-NET	Bavarian Univ Net	[47,WS94]
R 129.188.rrr.rrr	MOTOROLA	Motorola Engineernet	[47,CC99]
R 129.189.rrr.rrr	ICONET-ORC	Olivetti Rsch Net	[47,DAVE]
D 129.190.rrr.rrr	ASECC	ASECC Facilities Net	[RT114]
C 129.191.rrr.rrr	NSCO	Net Sys Corp	[GS123]
C 129.192.rrr.rrr	ACC-NET	ACC Int Net	[AB20]
C 129.193.rrr.rrr	TRW-ED-NET	TRW Elec and Def Net	[47,MM313]
R*129.194.rrr.rrr	UNIGE-CENTER	Univ of Geneva-Ctr	[17,AS116]
R*129.195.rrr.rrr	UNIGE-HOP	Univ of Geneva-Hosp	[17,AS116]
C*129.196.rrr.rrr	JOHN-FLUKE	John Fluke Net	[26,JS210]
C*129.197.rrr.rrr	LMSC-CNU	LMSC Net Utility	[DD112]
D 129.198.rrr.rrr	ELAN	Edwards AFB LAN	[26,DDK1]
R 129.199.rrr.rrr	ENS-NET	FNET-ENS-ULM	[47,JV53]
D*129.200.rrr.rrr	DAC-BACK-NET	DAC Co Backbone	[RAY4]
C*129.201.rrr.rrr-129.204.rrr.rrr		GE-Internet	[47,JEB50]
R 129.205.rrr.rrr	CDCNET	Control Data Net	[47,JAW34]
R*129.206.rrr.rrr	HD-NET	Heidelberg Net	[LB110]
R 129.207.rrr.rrr	PVAMU-NET	Prairie View Univ Net	[FE6]
R*129.208.rrr.rrr	BIRMINGHAM	Univ of Birmingham	[47,RJH37]
D 129.209.rrr.rrr	BRLNETS	BRL Net	[DET]
R*129.210.rrr.rrr	SCU-NET	San Clara Univ Net	[WD27]

[RFC 1117](#)

Internet Numbers

August 1989

R*129.212.rrr.rrr	AMDAHL-UTS	Amdahl UTS Soft Grp	[ <a href="#">47</a> ,GAM8]
C 129.213.rrr.rrr	BRIDGE	Bridge Comms	[ <a href="#">47</a> ,JW196]
C*129.214.rrr.rrr	PYRAMID-TECH	Pyramid Tech Net	[ <a href="#">47</a> ,ER76]
R*129.215.rrr.rrr	EU-NET	Edinburgh Univ	[ <a href="#">26</a> ,WSC5]
R 129.216.rrr.rrr	NRC-NET	NRC Dev Net	[ <a href="#">47</a> ,IHM]
R*129.217.rrr.rrr	UNIDO-LAN	UniDo Camp Net	[ <a href="#">47</a> ,RV32]
R*129.218.rrr.rrr	UNISYS-SP	Unisys Sperry Park	[ <a href="#">47</a> ,SJP10]
R 129.219.rrr.rrr	ASU-NET	Arizona State Net	[ <a href="#">47</a> ,AC85]
C*129.220.rrr.rrr-129.227.rrr.rrr	UNISYS NET2	UNISYS NET2	[ <a href="#">47</a> ,CC129]
C*129.228.rrr.rrr	WESTINGHOUSE	WESTINGHOUSE IP Net	[ <a href="#">47</a> ,CWR4]
G 129.229.rrr.rrr	USA-CECER	US Army Corps of Eng	[ <a href="#">47</a> ,DB186]
C*129.230.rrr.rrr	AMOCO	Amoco Rsch Comp Net	[SG83]
C*129.231.rrr.rrr	DIGICOMM-NET	Dig Comm Int Net	[ <a href="#">47</a> ,WF42]
R*129.232.rrr.rrr	BITNET	BITNET II Backbone	[LCV]
R*129.233.rrr.rrr	FHG-IAO	IAO Int Net	[ <a href="#">47</a> ,DW139]
R*129.234.rrr.rrr	DURHAM	Durham Camp Net	[ <a href="#">47</a> ,JC288]
R 129.235.rrr.rrr	SRCNET	Honeywell SRC Net	[ <a href="#">47</a> ,CRT4]
R 129.236.rrr.rrr	LDGO-NET	LAMONT-DOHERTY-NET	[ <a href="#">47</a> ,RGB14]
R 129.237.rrr.rrr	JAYHAWKNET	KU Camp Nets	[DN32]
R 129.238.rrr.rrr	AFWL-NET	AF Weapons Lab Net	[CF57]
G*129.239.rrr.rrr	HI-CFSG	HI Flight Sys	[ <a href="#">47</a> ,LP71]
R 129.240.rrr.rrr	UIONET	Univ Olso Net	[ <a href="#">47</a> ,JT122]
R 129.241.rrr.rrr	UNITNET	Univ Trondheim Net	[ <a href="#">47</a> ,HE15]
R 129.242.rrr.rrr	UIBNET	Univ Bergen Net	[ <a href="#">47</a> ,JT122]
G*129.243.rrr.rrr	MMAGNET	Martin Marietta	[ <a href="#">47</a> ,DR137]
R 129.244.rrr.rrr	KEHNET	Comp Sci and Eng Ether	[PLH8]
C*129.245.rrr.rrr	PAC-BELL	Pacific Bell	[ <a href="#">47</a> ,DSP11]
D 129.246.rrr.rrr	IDA	IDA HQ Net	[ <a href="#">47</a> ,BS157]
R 129.247.rrr.rrr	DFVRL-NET	DFVLR-Rsch-NET	[ <a href="#">47</a> ,CR24]
C 129.248.rrr.rrr	APOLLO	Apol Corp Net	[NM31]
R*129.249.rrr.rrr	FX-DEV-NET2	FX Allareas-10MB	[ <a href="#">47</a> ,HH45]
R 129.250.rrr.rrr	PRPNET	PA Rsch Net	[ <a href="#">47</a> ,BE6]
D 129.251.rrr.rrr	SLAN-BSN	Base-Support-Net	[LA55]
R*129.252.rrr.rrr	SCAROLINA	SC Rsch Net	[ <a href="#">26</a> ,AY11]
C*129.253.rrr.rrr	WESDIGCO	Western Dig Net	[ <a href="#">26</a> , <a href="#">47</a> ,SD78]
R*129.254.rrr.rrr	ETRI	ETRI Comp Net	[ <a href="#">47</a> ,KH74]
129.255.rrr.rrr	Reserved	Reserved	[JBP]
130.0.rrr.rrr	Reserved	Reserved	[JBP]
C*130.1.rrr.rrr-130.10.rrr.rrr	Boeing Nets	Boeing Nets	[ <a href="#">26</a> ,DJB34]
G 130.11.rrr.rrr	GEORES	GEONET-RESTON	[JRF]

R*130.12.rrr.rrr	ORNET	Ontario Rsch Net	[DG110]
C 130.13.rrr.rrr	USWEST	US West	[47,DCM20]
G 130.14.rrr.rrr	NLM-ETHER	NLM Local Area Net	[47,JA1]
R 130.15.rrr.rrr	QUEENSU	Queen's Univ	[47,AH81]
D 130.16.rrr.rrr	BCN	BRdband Cable Net	[47,JRC27]
R 130.17.rrr.rrr	CSUSTAN	Cal State Stanislaus	[47,TC84]
R 130.18.rrr.rrr	MSSTATE	Miss State Univ Net	[26,MR137]
C*130.19.rrr.rrr	PGE	Pacific Gas & Elec	[47,AC96]

[RFC 1117](#)

Internet Numbers

August 1989

G 130.20.rrr.rrr	PNLNET	Pacific NW Lab Net	[47,SCT2]
C*130.21.rrr.rrr	PRIME-CV	Prime/CompVision	[RLU3]
D 130.22.rrr.rrr	DCA-RESTON	DCA-Reston Area Net	[AR57]
C*130.23.rrr.rrr-130.32.rrr.rrr		Hewlett-Packard	[DCL10]
R 130.33.rrr.rrr	SARNOFF	DSRC Net	[47,RJP23]
R*130.34.rrr.rrr	TAINS	Tohoku Univ Net	[47,YK3]
C*130.35.rrr.rrr	ORACLE-CORP	Oracle Corp Net	[47,DAA14]
C*130.36.rrr.rrr	ABBOTT	ABBOTT Labs	[JES55]
R*130.37.rrr.rrr	VU-NET	VU Int	[47,HVS1]
C 130.38.rrr.rrr	MDC-NET	MDC Nets Gw	[26,KRH4]
R 130.39.rrr.rrr	TIGERLAN	LSU Camp Ether	[47,CFB1]
G*130.40.rrr.rrr	JSC-RTDS	JSC Realtime Data	[47,SW114]
R 130.41.rrr.rrr	ATD-NET	ATD to Camp Net	[47,TS14]
R 130.42.rrr.rrr	BOERESNET	Boeing Rsch Net	[26,GK44]
C 130.43.rrr.rrr	APPLE-NET	Apple Test and Eng Net	[47,HK24]
R 130.44.rrr.rrr	AMS	American Math Society	[47,SBW4]
C*130.45.rrr.rrr	RACAL-MILGO	Racal-Milgo Net	[47,JC314]
D 130.46.rrr.rrr	DTRC-B1-NET	DTRC Net	[47,RWT2]
G*130.47.rrr.rrr	WISDOT	Wisconsin DOT	[26,JRJ12]
C*130.48.rrr.rrr	ATT-DDO	ATT-Doc Dev Org	[47,CWM17]
R 130.49.rrr.rrr	U-PITT	Univ of Pittsburgh Net	[26,DS247]
C 130.50.rrr.rrr	RISC-NET	Rockwell Sci Ctr	[47,WAG5]
C*130.51.rrr.rrr	VIEW-ENG	View TCP/IP Net	[CM144]
C*130.52.rrr.rrr	WEARGUARD	WEARGUARD	[26,PP62]
D 130.53.rrr.rrr	AFOTECPCNET	AFOTECPCNet	[EEL2]
R*130.54.rrr.rrr	JAPAN-B1	Japan Inet	[JM292]
G*130.55.rrr.rrr	LANL-SINET	LANL Secure Inter-Net	[47,PCW]
R*130.56.rrr.rrr	ANUNET	Australian Nat Univ	[GH105]
C 130.57.rrr.rrr	EXCELAN	Excelan Hdqtrs Net	[47,TS107]
R 130.58.rrr.rrr	SWARTHMORE	Swarthmore Net	[47,JB360]
R*130.59.rrr.rrr	SWITCH	SWITCH Services	[47,PG60]
R*130.60.rrr.rrr	UNIZH	Univ of Zurich	[47,GP88]
R*130.61.rrr.rrr	BBN-SYSENGRB	BBN-SYSENG-TESTLABB	[DW159]

C*130.62.rrr.rrr	MIPSNET	MIPS Net	[47,DK101]
R 130.63.rrr.rrr	YORKU	York Univ Net	[26,47,ER61]
R*130.64.rrr.rrr	TUFTSU	Tufts Univ Net	[47,KR69]
R*130.65.rrr.rrr	SJSU-NET	San Jose State Net	[47,HB76]
R*130.66.rrr.rrr	RIVE	Reseau Info Val Erdre	[CE42]
C*130.67.rrr.rrr	NORSK-DATA	ND Co Net	[AH89]
R 130.68.rrr.rrr	MSCNET	Montclair State College	[MLT10]
R*130.69.rrr.rrr	UTOKYO-NET	Univ of Tokyo Net	[47,JM292]
R*130.70.rrr.rrr	USL	USL Camp Net	[47,SJM9]
R 130.71.rrr.rrr	STOLAF	St. Olaf College	[47,CR127]
R*130.72.rrr.rrr	LSTC-NET	Lockheed STC Net	[DC211]
R*130.73.rrr.rrr	ZIB	ZIB-Berlin	[26,HB79]
R 130.74.rrr.rrr	OLEMISS	Univ of Mississippi	[47,EFH6]
R*130.75.rrr.rrr	RRZN	RRZN-Univ of Hannover	[26,RO44]
C*130.76.rrr.rrr	BE-NET	Boeing Elec Net	[KRF5]

---

<a href="#">RFC 1117</a>	Internet Numbers	August 1989	
C*130.77.rrr.rrr	CH2M	CH2M Hill	[RR156]
C*130.78.rrr.rrr	BAZIS	BAZIS ZIS	[26,CVG1]
R*130.79.rrr.rrr	OSIRIS	Univ Rsch Strasbourg	[26,JP207]
C*130.80.rrr.rrr	CHRON	Houston Chronicle	[JC333]
C 130.81.rrr.rrr	NYTEL-BB-1	NYTEL Backbone 1	[47,SS110]
R*130.82.rrr.rrr	UNISG	Univ of St. Gallen	[47,PG62]
R*130.83.rrr.rrr	THD-NET	TH-Darmstadt-Net	[47,HH50]
R*130.84.rrr.rrr	CIRCE	CIRCE-NET	[CM156]
R 130.85.rrr.rrr	UMBCNET	UMBC Net	[47,KP45]
R*130.86.rrr.rrr	CSUSAC	Cal State Univ	[47,DS259]
R*130.87.rrr.rrr	JP-HEPNET	Japanese Hepnet	[YB4]
R*130.88.rrr.rrr	MANNET	UMRCC Local Net	[47,PM115]
R*130.89.rrr.rrr	UTNET	Utwente Net	[26,GAM32]
R 130.90.rrr.rrr	MATHERAFBNET	Mather AFB X.25 Net	[SF46]
R 130.91.rrr.rrr	UPENN-SUBNET	UPenn Subnetted	[47,JDH29]
R*130.92.rrr.rrr	UNIBE	Univ of Berne	[47,FB61]
R 130.93.rrr.rrr	FERNWOODNET2	Fernwood Local Net	[47,GEOF]
R 130.94.rrr.rrr	JVNCNET	JVNCNET Phase II	[SH37]
R*130.95.rrr.rrr	UWA-NET	Univ of W. Australia	[GH108]
C*130.96.rrr.rrr	SDCAPOL	SAS Data Ctr - Cary	[RB520]
G*130.97.rrr.rrr	DOERLNET	DOE Richland Net	[47,DES41]
R*130.98.rrr.rrr	FNET-EDF	Electricite de France	[MD127]
R 130.99.rrr.rrr	NET-3M	3M Net	[47,BR79]
C*130.100.rrr.rrr	ERICSSON	Ericsson Inter Net	[47,BS156]
R 130.101.rrr.rrr	UAKRON	Univ of Akron Rsch Net	[26,DK112]
R*130.102.rrr.rrr	UQNET	Univ of Qld Net	[47,AKH5]

C*130.103.rrr.rrr	LOTUS	Lotus Dev Net	[RMF2]
R*130.104.rrr.rrr	UCLOUVAIN	Univ Cath de Louvain	[ML129]
R 130.105.rrr.rrr	OSF	Open Soft Foundation	[26,CTC5]
R*130.106.rrr.rrr	LLNL-CLOSED	LLNL Closed Labnet	[26,DW164]
R 130.107.rrr.rrr	SRI-CSL-NET-2	CSL Exp Net	[47,DLE6]
R*130.108.rrr.rrr	WRIGHT-STATE	WSU Camp Int	[47,JLS45]
R 130.109.rrr.rrr	NCSC-NET	Naval Coastal Sys Ctr	[26,BB134]
C*130.110.rrr.rrr	CENET	CE Corp Net	[47,JC347]
R*130.111.rrr.rrr	UMAINE-SYS	Univ of Maine Sys	[47,IKA]
R*130.112.rrr.rrr	ECN-NLERF	ECN Petten IPnet	[47,MB203]
R 130.113.rrr.rrr	MCMaster	McMaster Univ	[47,CB162]
D 130.114.rrr.rrr	APGNET	APG Net	[VC5]
R*130.115.rrr.rrr	EURNET	EUR-Net	[IJD1]
R*130.116.rrr.rrr	CSIRO-DMT	CSIRO Man Tech Net	[47,MJ65]
R 130.117.rrr.rrr	NYSER2	NYSERNET2	[47,MS9]
G 130.118.rrr.rrr	GEOMEN	GEONET-MENLO	[PWW]
C*130.119.rrr.rrr	RTECH	Rel Tech Net	[DA73]
R*130.120.rrr.rrr	UNITOUL	Univ of Toulouse	[DI11]
D*130.121.rrr.rrr	BOEING747NET	BOEING-747-Net	[33,GK44]
D*130.122.rrr.rrr	BOEINGAERO	BOEING-AERO-STAR	[33,GK44]
R*130.123.rrr.rrr	MASSEY	Massey Univ	[26,JW254]
D*130.124.rrr.rrr	HI-DSG	Honeywell-DSG	[47,MW135]

---

<a href="#">RFC 1117</a>	Internet Numbers	August 1989	
R*130.125.rrr.rrr	UNINE	Uni Neuchatel	[47,CW115]
R 130.126.rrr.rrr	UIUC-NCSA	UIUC Routing Net	[47,PP14]
R 130.127.rrr.rrr	CLEMSONU	Clemson Univ	[47,MSM3]
130.128.rrr.rrr	Reserved	Reserved	[NIC]
130.129.rrr.rrr	Reserved	Reserved	[NIC]
R*130.130.rrr.rrr	UOWNET	UOW Camp Net	[SC143]
C*130.131.rrr.rrr	GTE-CS	GTE Comm Sys	[47,AN32]
R 130.132.rrr.rrr	YALE-SPINE	Yale Camp Spine	[47,ASW3]
R*130.133.rrr.rrr	FUB	FU Berlin Camp Net	[26,RR163]
G 130.134.rrr.rrr	DFRF-NET	Ames-Dryden Net	[47,MSM1]
G*130.135.rrr.rrr	WSTF-NET	White Sands Net	[47,MSM1]
R 130.136.rrr.rrr	BOLOGNA-NET	Univ of Bologna	[AA62]
C 130.137.rrr.rrr	DATAPPOINT-NET	Datapoint Int	[26,BR87]
C*130.138.rrr.rrr-130.147.rrr.rrr		Philips SERI Tech Net	[OK6]
C*130.148.rrr.rrr	GEC-SENSORS	GEC Sensors Net	[26,TD68]
R*130.149.rrr.rrr	TUB	TU Berlin WOTAN Net	[26,DK116]
R 130.150.rrr.rrr	CSUNET-IP	Cal State Univ Net	[47,DR161]
R 130.151.rrr.rrr	ROK2	Rockwell Intl Corp II	[47,TGS6]
R 130.152.rrr.rrr	LOS-NETTOS	Los Nettos	[WP8]

R*130.153.rrr.rrr	JAPAN-B2	Japan Inet	[JM292]
R 130.154.rrr.rrr	RAND-NETB	RAND-NETB	[47,JDG]
R*130.155.rrr.rrr	DMS-SYD	CSIRO-DMS-Sydney	[47,MA88]
R*130.156.rrr.rrr	NJECN	NJ Educ Comp Net	[26,BM164]
R*130.157.rrr.rrr	SONOMA-STATE	Sonoma State Univ	[47,BB193]
R*130.158.rrr.rrr	UTINS	Univ of Tsukuba INS	[47,NY3]
R*130.159.rrr.rrr	STRATH	Strathclyde	[47,DM259]
R*130.160.rrr.rrr	UANET	UOA Net	[47,BH129]
R*130.161.rrr.rrr	DUT-LAN	DUT Net	[47,FD18]
C*130.162.rrr.rrr	TEN-OPS	ALCOA-TEN-OPS	[DG146]
D 130.163.rrr.rrr	CENTERNET	NAVWPNSUPPCEN-LAN	[JA91]
C*130.164.rrr.rrr	NATINST-NET	Natl Instruments	[47,BP42]
D 130.165.rrr.rrr	CESPKED-NET	SACRAMENTO-COE-NET	[JP220]
R*130.166.rrr.rrr	CSUN	Cal State Northridge	[47,LW89]
G 130.167.rrr.rrr	STSCI-NET	NASA Headquarters	[47,MSM1]
C 130.168.rrr.rrr	CONVEX	CONVEX Plano Rd	[8,47,JT147]
C*130.169.rrr.rrr-130.178.rrr.rrr		GM IP Net	[26,JC365]
R*130.179.rrr.rrr	UMANITOBA	Univ of Manitoba Net	[47,BR88]
C 130.180.rrr.rrr	DEC-ZK-NET	DEC Spit Brook Rd	[47,SEL10]
D*130.181.rrr.rrr	HONWEL-CLWTR	Honeywell Clearwater	[MN43]
R 130.182.rrr.rrr	CSULANET	Cal State LA Net	[47,CR117]
R*130.183.rrr.rrr	IPPNET	IPPNET-Germany	[47,TH101]
R 130.184.rrr.rrr	RAZORNET	UAF Camp Net	[DLM34]
R 130.185.rrr.rrr	ONET	Ontario Net	[PM81]
R 130.186.rrr.rrr	CINECA-NET	Interuniv Comp Net	[47,AA62]
C 130.187.rrr.rrr	ES-NET	Evans & Sutherland Net	[47,SP81]
R 130.188.rrr.rrr	VTTNET	VTTNET-Finland	[47,JK187]
R 130.189.rrr.rrr	DART-HITCH	DARTMOUTH-HITCHCOCK	[RCD13]
R*130.190.rrr.rrr	GRENET	Grenoble Rsch Net	[JA146]

R*130.191.rrr.rrr	SDSU-NET	SDSU Gw Net	[47,AA63]
R 130.192.rrr.rrr	TORINO-IT-LAN	CNR Torino Ether	[47,SG88]
R*130.193.rrr.rrr	ACONET	Austrian Sci Data Net	[WK56]
R*130.194.rrr.rrr	MONASH-NET	Monash Uni Australia	[47,JM493]
R*130.195.rrr.rrr	VUW	Victoria Univ	[26,MN44]
G*130.196.rrr.rrr	STSOC	Rockwell Shuttle Ops	[RMD26]
C*130.197.rrr.rrr	CECO-NET	Commonwealth Edison	[17,26,WLR6]
C*130.198.rrr.rrr	PRISMA-ETHER	Prisma Net	[47,JP232]
R 130.199.rrr.rrr	YAPNET	Brookhaven Lab LAN	[47,GR9]
C*130.200.rrr.rrr	LOCUS	Locus Comp Corp	[EP53]
C*130.201.rrr.rrr	AOGC	ARCO Oil and Gas Co	[47,JH307]
G 130.202.rrr.rrr	ARGONNE	Argonne Natl Lab Net	[47,LW26]

R 130.203.rrr.rrr	PSU-COMPSC	Penn State Comp Sci	[47,DRE4]
C 130.204.rrr.rrr	INTERLAN	INTERLAN	[47,DW180]
C*130.205.rrr.rrr	LANIER	Harris Lanier Net	[26,MHW9]
R*130.206.rrr.rrr	IRIS	Programa IRIS	[IM24]
R 130.207.rrr.rrr	GIT	Georgia Tech Subnet	[47,DD11]
R 130.208.rrr.rrr	ISNET	Icelandic Comp Net	[47,M033]
R*130.209.rrr.rrr	GLANET	Glasgow Univ Net	[26,RAG36]
D 130.210.rrr.rrr	LINKNET	LINK Flt Simulation	[PR79]
C*130.211.rrr.rrr	EXECU	Execucom Data Net	[DH241]
R*130.212.rrr.rrr	FOGNET	FOGNET	[47,MCD11]
C*130.213.rrr.rrr	RATNET	Rational Net	[47,TDG9]
C*130.214.rrr.rrr	SYBASE	Sybase Corp Dev Net	[47,NHC]
R 130.215.rrr.rrr	WPI	Worcester Poly Inst	[47,AEJ5]
R*130.216.rrr.rrr	AUKUNI-NET	Auckland Univ	[47,AJB20]
R*130.217.rrr.rrr	WAIKATO-LAN-1	Univ of Waikato LAN 1	[47,JCH41]
R*130.218.rrr.rrr	NET-KSC	Kennesaw College Net	[47,MC128]
R 130.219.rrr.rrr	UMDNJ	UMDNJ Med Net	[12,LPM]
R*130.220.rrr.rrr	SAITEN	S A Inst of Tech Net	[26,RR181]
R 130.221.rrr.rrr	AERO-NET	Aero Corp Net	[47,LCN]
C 130.222.rrr.rrr	PRCNE-NET	PRC Nebraska Net	[47,SS172]
R*130.223.rrr.rrr	LUNET-ETHER1	Univ of Lausanne	[47,JL247]
C*130.224.rrr.rrr	NET-QUOTRON	Quotron Nets	[LF58]
R*130.225.rrr.rrr-130.229.rrr.rrr		NORDU Nets	[AH94]
R 130.230.rrr.rrr	TAMNET	Tampere Univ Net	[JH141]
R*130.231.rrr.rrr-130.234.rrr.rrr		NORDU Nets	[AH94]
R 130.235.rrr.rrr	LUNET	Lund Univ Net	[JE87]
R 130.236.rrr.rrr	LIUNET	Univ of Linkoping Net	[LE24]
R 130.237.rrr.rrr	KTH-LAN	Swedish Net	[AH94]
R 130.238.rrr.rrr	UU-NET	Uppsala Univ Net	[BV17]
R 130.239.rrr.rrr	UMUNET	Univ of Umea Net	[RH271]
R 130.240.rrr.rrr	LUTHNET	Lulea Univ Net	[SW142]
R 130.241.rrr.rrr	GU-NET	Univ of Gothenburg Net	[JT167]
R*130.242.rrr.rrr-130.244.rrr.rrr		NORDU Nets	[AH94]
R 130.245.rrr.rrr	SUNYSB-CS	SUNYSB CS Department	[47,WKT]
R*130.246.rrr.rrr	RAL-IP	Rutherford Int Net	[26,AM129]
D*130.247.rrr.rrr	BOE-TRANS	Boeing-def-transport	[GK44]

C*130.248.rrr.rrr	ADOBE	Adobe Sys Net	[47,AIS]
R*130.249.rrr.rrr	FOENET	Ford of Europe Net	[FJB3]
R*130.250.rrr.rrr	QU	Quick Ulmo Net	[BA56]
R*130.251.rrr.rrr	UG-NET	Univ of Geneva Net	[26,GAM35]
R 130.252.rrr.rrr	TANDEM-NET	Tandem Comps Net	[KR59]



R	130.253.rrr.rrr	DENVERU-NET	Univ of Denver Net	[47,WE12]
R*	130.254.rrr.rrr	ASC	Armstrong State College	[47,DB296]
	130.255.rrr.rrr	Reserved	Reserved	[JBP]
	131.0.rrr.rrr	Reserved	Reserved	[JBP]
C	131.1.rrr.rrr	ICONET	Olivetti Eng Net	[47,JA13]
D	131.2.rrr.rrr	GAFB-NET	Gunter AFB X.25 Net	[BPW1]
D	131.3.rrr.rrr	MATHERAFB-NET	Mather AFB X.25 Net	[BPW1]
D	131.4.rrr.rrr	WPAFB-NET	WPAFB X.25 Net	[BPW1]
D	131.5.rrr.rrr	GRIFFISS-NET	Griffiss X.25 Net	[BPW1]
D	131.6.rrr.rrr	LANGLEY-NET	Langley AFB X.25 Net	[BPW1]
D	131.7.rrr.rrr	OFFUTT-NET	Offutt AFB X.25 Net	[BPW1]
D	131.8.rrr.rrr	HQUSAF-NET	HQ USAF X.25 Net	[BPW1]
D	131.9.rrr.rrr	SCOTTAFB-NET	Scott AFB X.25 Net	[BPW1]
D	131.10.rrr.rrr	BARKSDALE-NET	Barksdale X.25 Net	[BPW1]
D	131.11.rrr.rrr	BOLLING-NET	Bolling AFB X.25 Net	[BPW1]
D	131.12.rrr.rrr	BROOKS-NET	Brooks AFB X.25 Net	[BPW1]
D	131.13.rrr.rrr	KELLY-NET	Kelly AFB X.25 Net	[BPW1]
D	131.14.rrr.rrr	LOWRYAFB-NET	Lowry AFB X.25 Net	[BPW1]
D	131.15.rrr.rrr	PETERSON-NET	PetersonAFB X.25 Net	[BPW1]
D	131.16.rrr.rrr	RAMSTEINNET	Ramstein X.25 Net	[BPW1]
D	131.17.rrr.rrr	SHEPPARD	Sheppard AFB X.25 Net	[BPW1]
D	131.18.rrr.rrr	TINKERCCSO-NET	Tinker CCSO X.25 Net	[BPW1]
D	131.19.rrr.rrr	BITBURGNET	Bitburg AB X.25 Net	[BPW1]
D	131.20.rrr.rrr	EGLIN-NET	Eglin AFB X.25 Net	[BPW1]
D	131.21.rrr.rrr	HAHNNET	Hahn AB X.25 Net	[BPW1]
D	131.22.rrr.rrr	KEESLER-NET	Keesler AFB X.25 Net	[BPW1]
D	131.23.rrr.rrr	KIRTLAND-NET	Kirtland AFB X.25 Net	[BPW1]
D	131.24.rrr.rrr	MACDILL-NET	MacDill X.25 Net	[BPW1]
D	131.25.rrr.rrr	PATRICK-NET	Patrick AFB X.25 Net	[BPW1]
D	131.26.rrr.rrr	USAFACAD-NET	AF Acad X.25 Net	[BPW1]
D	131.27.rrr.rrr	HILLAFB-NET	Hill AFB X.25 Net	[BPW1]
D	131.28.rrr.rrr	WPAFB-NET2	WPAFB X.25 Net2	[BPW1]
D	131.29.rrr.rrr	LAAFB-NET	LAAFB X.25 Net	[BPW1]
D	131.30.rrr.rrr	MCCHORDNET	McChord AFB X.25 Net	[BPW1]
D	131.31.rrr.rrr	MCCLELLANNET	MCCLELLANAFB X25 Net	[BPW1]
D	131.32.rrr.rrr	LACKLANDNET	Lackland AFB X.25 Net	[BPW1]
D	131.33.rrr.rrr	EDWARDS-NET	Edwards X.25 Net	[BPW1]
D	131.34.rrr.rrr	MARCH-NET	March X.25 Net	[BPW1]
D	131.35.rrr.rrr	FAIRCHILD-NET	Fairchild X.25 Net	[BPW1]
D	131.36.rrr.rrr	YOKOTA-NET	Yokota X.25 Net	[BPW1]
D	131.37.rrr.rrr	ELMENDORF-NET	Elmendorf X.25 Net	[BPW1]
D	131.38.rrr.rrr-131.39.rrr.rrr		AF Concentrator Nets	[BPW1]
D	131.40.rrr.rrr	BERGSTROM-NET	Bergstrom X.25 Net	[BPW1]

D 131.41.rrr.rrr-131.42.rrr.rrr		AF Concentrator Nets	[BPW1]
D 131.43.rrr.rrr	HOMESTEAD-NET	Homestead X.25 Net	[BPW1]
D 131.44.rrr.rrr-131.63.rrr.rrr		AF Concentrator Nets	[BPW1]
D*131.64.rrr.rrr-131.88.rrr.rrr		DLA Teleprocessing Net	[CG85]
C*131.89.rrr.rrr-131.90.rrr.rrr		PG&E Net	[47,AC96]
R 131.91.rrr.rrr	FAU	Florida Atlantic Univ	[47,RL180]
D 131.92.rrr.rrr	APGEA-SUBNET	APG(EA) LAN Subnet	[REA3]
R 131.93.rrr.rrr	SJC-NET	St. Josephs Net	[BC130]
R 131.94.rrr.rrr	FIU	Florida InterNatl U	[47,BB208]
R 131.95.rrr.rrr	USM	USM Net	[47,DEP17]
R*131.96.rrr.rrr	GSU-NET	Georgia State Univ Net	[26,SBH4]
C*131.97.rrr.rrr	AB-VOLVO-NET	Volvo InterNatl Net	[47,TS141]
C*131.98.rrr.rrr	ESI-PRIM	Electrospace Prim Net	[WRH20]
C*131.99.rrr.rrr	KONTRONNET	Kontron Elektronik Net	[47,HR38]
C*131.100.rrr.rrr	BANYAN-HDQTR	Banyan Sys Net	[BH144]
C*131.101.rrr.rrr	TERADYNE	Teradyne Corp Net	[47,GA45]
G*131.102.rrr.rrr	KOM-BV	Schweizer-Verwaltungs	[RM306]
R 131.103.rrr.rrr	CICNET	Committee on Inst Coop	[RG12]
R*131.104.rrr.rrr	UOGUELPH	Univ of Guelph	[KP50]
D 131.105.rrr.rrr	SM-ALC	McClellan AFB	[47,RR184]
C 131.106.rrr.rrr	MTXINU-NET	MTXINU-USENIX Net	[47,EG51]
C*131.107.rrr.rrr	MICROSOFT	Microsoft Corp	[47,WC89]
C 131.108.rrr.rrr	CISCO-SYSTEM	cisco Corp Net	[47,KSL]
R 131.109.rrr.rrr	BROWN-CFM-CS	Brown DARPA Rsch	[47,SF59]
G*131.110.rrr.rrr	MAF-NET	Michoud Assembly Net	[47,RTD]
R*131.111.rrr.rrr	CAM-AC-UK	Univ of Cambridge, UK	[47,TS146]
R*131.112.rrr.rrr	TITECH-NET	TITECH-NET	[47,MO57]
R*131.113.rrr.rrr	KEIO-NET	Keio Univ Net	[47,TS147]
R 131.114.rrr.rrr	PISA-NET	Pisa IP Net	[47,GR56]
C*131.115.rrr.rrr	TVTWAN1	Swedish Telecom Adm	[26,AH96]
C*131.116.rrr.rrr	TVTWAN2	Swedish Telecom Adm	[26,AH96]
C*131.117.rrr.rrr	NCANET	Nixdorf Comm Comp Net	[WB102]
R 131.118.rrr.rrr	MINCNET	MINC Net Members	[47,FAF6]
R 131.119.rrr.rrr	BARRNET	Bay Area Reg Rsch Net	[DLW31]
R 131.120.rrr.rrr	NPSNET	Navy-NPS Camp Net	[47,SW37]
G 131.121.rrr.rrr	NADN	Nav Acad Data Net	[47,AF60]
G 131.122.rrr.rrr	NADN2	Nav Acad Data Net	[47,AF60]
R 131.123.rrr.rrr	KENT-STATE	KSU Camp Net	[26,LCH9]
C*131.124.rrr.rrr	TANDEM-MPD	Tandem MPD Net	[47,BC133]
R*131.125.rrr.rrr	KEAN-NET	Kean College Net	[AKC5]
C*131.126.rrr.rrr	MTCN	Mobil Tech Comp Net	[JCP26]
C*131.127.rrr.rrr	ASGARRETT	Allied Garrett Phx	[47,LM176]
R*131.128.rrr.rrr	URI	Univ of Rhode Island	[47,JB410]
131.129.rrr.rrr-131.130.rrr.rrr		Unassigned	[NIC]
C 131.131.rrr.rrr	CONTEL-WTP	Wohlstetter TechPark	[47,MJ04]
R*131.132.rrr.rrr-131.141.rrr.rrr		Def Rsch Establishment	[47,RB567]
R 131.142.rrr.rrr	CFA-NET	CFA/SAO Net	[47,CM57]
C*131.143.rrr.rrr	CMC	Comp Machry Corp	[17,CNK1]

[RFC 1117](#)

## Internet Numbers

August 1989

R*131.144.rrr.rrr	PEACHNET	Regents Net	[47,JS469]
C 131.145.rrr.rrr	MERIT-TECH	Merit Tech	[8,47,JRJ18]
C 131.146.rrr.rrr	MDC-SJ-NET	MDC San Jose Net	[47,SMF5]
C*131.147.rrr.rrr	GENESISDND	Genesis Ottawa Prod	[SM188]
C*131.148.rrr.rrr	GENESISTOR	Genesis Toronto Prod	[SM188]
C*131.149.rrr.rrr	FAST-TEAM	TEAM Genesis Net	[SM188]
C*131.150.rrr.rrr	GENESISCSDBS	CSDBS Devel LAN	[SM188]
R 131.151.rrr.rrr	MORNETR	U-of-MO-Rolla	[RWA15]
R*131.152.rrr.rrr	UNIBAS	Univ of Basle	[47,FE12]
R 131.153.rrr.rrr	SEMATECH	SEMATECH MRC Net	[8,47,RG188]
R*131.154.rrr.rrr	INFNET	INFN Natl Net	[AG113]
R*131.155.rrr.rrr	TUEINDHOVEN	Tech Univ Eindhoven	[JFAS]
R 131.156.rrr.rrr	NIU-NET	Northern Ill Univ	[47,JWN10]
C*131.157.rrr.rrr	LIBRAINC	Librascope Corp	[26,WJF1]
R 131.158.rrr.rrr	USUHSNET	Academic/Rsch Net	[26,MK124]
R*131.159.rrr.rrr	TUM-INFO-LAN	Institut Informatik	[47,HN20]
C*131.160.rrr.rrr	LMFNET	Finnish Ericsson Net	[47,RS393]
C*131.161.rrr.rrr	WEB-NET	Webster Comp Net	[26,JC391]
R*131.162.rrr.rrr	AUNET	Acadia Univ Net	[47,BW134]
C*131.163.rrr.rrr	I-CAN	Intergraph-Canada	[26,RW206]
R*131.164.rrr.rrr-131.166.rrr.rrr		Danish Net	[SJ28]
R 131.167.rrr.rrr	BMINET	Batelle Camp Net	[47,JA92]
C*131.168.rrr.rrr	PAQNET	Compaq Private Net	[47,WH110]
R*131.169.rrr.rrr	DESY	DESY HEP Net	[33,ME57]
R*131.170.rrr.rrr	RMIT	Royal Melb Inst Tech	[47,MS300]
R 131.171.rrr.rrr	UMUC	UM Univ College	[47,MS301]
R*131.172.rrr.rrr	LATROBE	La Trobe Univ	[47,PC116]
R*131.173.rrr.rrr	UOS	Uni Osnabrueck	[RN58]
R*131.174.rrr.rrr	NUNET	Nijmegen Univ Net	[47,JA155]
R*131.175.rrr.rrr	CILEA	Lombard Univ Nets	[AM134]
R*131.176.rrr.rrr	ESANET-IP	ESA European WAN	[47,DW195]
R*131.177.rrr.rrr	PTT-TELE	P&T Telecom Finland	[26,JT166]
R 131.178.rrr.rrr	ITESM	ITESM Monterrey Net	[8,47,HEG6]
R 131.179.rrr.rrr	UCLA-CS	UCLA CS Net	[47,RBW]
R*131.180.rrr.rrr	DUT-LAN2	DUT Net	[47,FD18]
R*131.181.rrr.rrr	QUT	Queensland Univ Net	[47,AA70]
G 131.182.rrr.rrr	NASA-HQ-NET	NASA Headquarters	[MSM1]
R 131.183.rrr.rrr	UTOLEDO-NET	U of Toledo Camp Net	[BN38]
C*131.184.rrr.rrr	MCDERMOTT	MCDERMOTT-NET	[TP58]
D 131.185.rrr.rrr	DSTO	DSTO Australia	[8,47,JWB35]
R 131.186.rrr.rrr	WB-TEST	Wideband Test Net	[CT64]
R 131.187.rrr.rrr	OARNET	Ohio Academic Net	[MF74]

R*131.188.rrr.rrr	REVUE	Uni Erlangen Net	[47,JK198]
D*131.189.rrr.rrr	TRACORNET	Tracor Net Austin	[PM140]
C*131.190.rrr.rrr	PGXPRES	Procter and Gamble Co	[ACL2]
G*131.191.rrr.rrr	TACOMA	City of Tacoma LAN	[BD89]
R 131.192.rrr.rrr	NEARNET	New England Net	[JIS]
R 131.193.rrr.rrr	UIC-ISN-NET	U of Ill Chicago ISN	[47,EZ3]

[RFC 1117](#)

Internet Numbers

August 1989

R*131.194.rrr.rrr	TRINITY	Trinity Univ	[LHG3]
R*131.195.rrr.rrr	HYDRO-QUEBEC	HydroQuebec Rsch	[CV25]
R 131.196.rrr.rrr	CNUSC	CNUSC NSFNET	[JLD31]
C*131.197.rrr.rrr	MOTO-SPS	MOTOROLA-SPS	[S035]
C 131.198.rrr.rrr	ROK3	Rockwell Intl Corp III	[47,TGS6]
C 131.199.rrr.rrr	ROK4	Rockwell Intl Corp IV	[47,TGS6]
C 131.200.rrr.rrr	ROK5	Rockwell Intl Corp V	[47,TGS6]
C*131.201.rrr.rrr	HI-RESG-NET	HI-Residential Net	[47,JG8]
R*131.202.rrr.rrr	UNB-IPNET	UNB-TCP-IP Net	[BK76]
R*131.203.rrr.rrr	DSIR	DSIR New Zealand	[26,SW143]
R 131.204.rrr.rrr	AU-NET	Auburn Univ Net	[26,47,L028]
C*131.205.rrr.rrr	SLLWAN	Stockholm Health Care	[26,AL16]
R*131.206.rrr.rrr	KIT-NET	Kyushu Tech Net	[47,HN21]
G*131.207.rrr.rrr	TIETOTIE	TIETOTIE Net	[47,PI7]
C*131.208.rrr.rrr	MERRILL-LYNCH	Merrill Lynch WAN	[26,47,JC394]
C*131.209.rrr.rrr	PW-NET	Price Waterhouse Net	[47,EMB]
R 131.210.rrr.rrr	UW-PARKSIDE	U of Wisc-Parkside	[47,TVF1]
R*131.211.rrr.rrr	RUU	RU Utrecht Int	[26,WPBS]
R 131.212.rrr.rrr	UMNDULNET	U of Minn, Duluth	[47,WJM26]
C*131.213.rrr.rrr	NTCRK-MANU	NT CRK Mfg Net	[GJ35]
D 131.214.rrr.rrr	ROMENET	RADC-ROMENET	[PV23]
R 131.215.rrr.rrr	CALTECH-NET	Caltech Camp Net	[47,AD22]
R 131.216.rrr.rrr	NEVADA	Univ of Nevada Net	[47,RLY1]
R*131.217.rrr.rrr	TASUNI-NET	Tasmania Uni Net	[RB577]
D 131.218.rrr.rrr	ALADDIN	Adelphi LAN	[26,CM115]
C*131.219.rrr.rrr	PPL-NET	Pacific Power Net	[36,47,AK70]
R*131.220.rrr.rrr	UNI-BONN	RFWUBN Camp Net	[HG51]
R*131.221.rrr.rrr	FXIS	FXIS Net	[47,SA72]
C*131.222.rrr.rrr	NCR-COMTEN	NCR Comten, Inc	[26,RC234]
C*131.223.rrr.rrr	LATA	Los Alamos Tech Assoc	[JGB17]
R*131.224.rrr.rrr	RIVMNET	RIVMNET	[26,RB578]
R 131.225.rrr.rrr	FERMILAB	FERMILAB	[CD75]
C*131.226.rrr.rrr	MEMORY-ALPHA	Clearpoint R&D Net	[47,JM551]
R*131.227.rrr.rrr	SURREY-NET	Surrey Univ Ether	[47,GC122]
R*131.228.rrr.rrr	NOKIA	Nokia Corp Net	[47,AV20]

R*131.229.rrr.rrr	SMITH	Smith College Camp Net	[LG91]
R 131.230.rrr.rrr	SIU-NET	Southern Ill Univ	[47,CRC15]
R*131.231.rrr.rrr	LUT-AC-UK	Loughborough Univ	[47,RT140]
R*131.232.rrr.rrr	ATHABASCA-U	Athabasca Univ Net	[47,LN42]
C*131.233.rrr.rrr	CIM-NET	Arrow CIM Net	[JH342]
R*131.234.rrr.rrr	UNIPADERBORN	Univ of Paderborn	[47,RF130]
G*131.235.rrr.rrr	ALCIDE	DOE Alcide	[JG266]
R*131.236.rrr.rrr	ADFA-NET	ADFA Lan	[47,CL104]
G*131.237.rrr.rrr	RWSNL	Rijkswaterstaat NL	[PO16]
R*131.238.rrr.rrr	UNIV-DAYTON	Univ of Dayton	[26,RT142]
C 131.239.rrr.rrr	THINK-NET	Thinking Machs	[47,BJN1]
G 131.240.rrr.rrr	CC	USCENTCOM Net	[47,KMC3]
R*131.241.rrr.rrr	NECAM	NECAmerica	[ARS3]

[RFC 1117](#)

Internet Numbers

August 1989

G*131.242.rrr.rrr	CITEC	CITEC-Australia	[TT32]
R 131.243.rrr.rrr	LBL-IP-NET2	LBL IPNet 2	[WJ2]
R*131.244.rrr.rrr	BOND-UN1	Bond Univ Net	[EB112]
R*131.245.rrr.rrr	BOND-RP	Bond Res Park Net	[EB112]
R*131.246.rrr.rrr	RHRK-LAN	Univ Kaiserslautern	[BGW3]
R 131.247.rrr.rrr	USF	Univ South Fla LAN	[47,JG269]
C*131.248.rrr.rrr	CTC-NET	CTC Net	[47,TS154]
R 131.249.rrr.rrr	FCCC	Fox Chase Cancer Ctr	[47,RKS1]
D 131.250.rrr.rrr	OCNR-ETHER	OCNR AIS Net	[47,TW3]
R*131.251.rrr.rrr	CARDIFFCOMMA	U Cardiff Comp Math	[16,RE73]
R*131.252.rrr.rrr	PDX-NET	Portland State Net	[FD41]
R*131.253.rrr.rrr	NTCSIS-NET	Northern Tel-CSNET	[JC403]
R*131.254.rrr.rrr	IRISANET	IRISA-INRIA-RENNES	[47,RT144]
131.255.rrr.rrr	Reserved	Reserved	[JBP]
132.0.rrr.rrr	Reserved	Reserved	[JBP]
D 132.1.rrr.rrr-132.22.rrr.rrr		AF Concentrator Nets	[BPW1]
D 132.23.rrr.rrr	SEYMOUR-JOHN	Seymour-John Net	[BPW1]
D 132.24.rrr.rrr-132.62.rrr.rrr		AF Concentrator Nets	[BPW1]
D 132.63.rrr.rrr	RANDOLPHMPC	Randolph MPC Net	[BPW1]
R 132.64.rrr.rrr	IL1	Israel Academic Net	[DB35]
R 132.65.rrr.rrr	IL2	Israel Academic Net	[DB35]
R 132.66.rrr.rrr	IL3	Israel Academic Net	[DB35]
R 132.67.rrr.rrr	IL4	Israel Academic Net	[DB35]
R 132.68.rrr.rrr	IL5	Israel Academic Net	[DB35]
R 132.69.rrr.rrr	IL6	Israel Academic Net	[DB35]
R 132.70.rrr.rrr	IL7	Israel Academic Net	[DB35]
R 132.71.rrr.rrr	IL8	Israel Academic Net	[DB35]
R 132.72.rrr.rrr	IL9	Israel Academic Net	[DB35]

R 132.73.rrr.rrr	IL10	Israel Academic Net	[DB35]
R 132.74.rrr.rrr	IL11	Israel Academic Net	[DB35]
R 132.75.rrr.rrr	IL12	Israel Academic Net	[DB35]
R 132.76.rrr.rrr	IL13	Israel Academic Net	[DB35]
R 132.77.rrr.rrr	IL14	Israel Academic Net	[DB35]
R 132.78.rrr.rrr	IL15	Israel Academic Net	[DB35]
D 132.79.rrr.rrr-132.143.rrr.rrr		NG Concentrator Nets	[47,CAP5]
D 132.144.rrr.rrr	RIA-2	Rock Island Net	[MMJ1]
C*132.145.rrr.rrr	NET-RESOURCES	Net Resources Net	[JM561]
C*132.146.rrr.rrr	BTRL-PLANET	BTRL RT51 Net	[R058]
C*132.147.rrr.rrr	SCO	San Cruz Operation	[KR35]
C*132.148.rrr.rrr	IAS1	Star Tribune Net	[ND22]
R*132.149.rrr.rrr	CNES	CNES Net	[26,MP138]
G*132.150.rrr.rrr	STAMNETT	Norwegian Government	[GG110]
R 132.151.rrr.rrr	NRI-NET	NRI Local Area Net	[47,DKE2]
C*132.152.rrr.rrr	GF	Gen Foods Corp	[CN33]
G*132.153.rrr.rrr	AWE-SWAN	AWE Site Wide Area Net	[47,RS409]
R 132.154.rrr.rrr	ROCKWELL-AI	Rockwell Palo Alto	[47,BMW7]
C*132.155.rrr.rrr	NESTE-NET	NESTE TCP/IP Net	[47,HP44]
G*132.156.rrr.rrr	EMRNET	Ener, Mines-Canada	[DB317]

---

<a href="#">RFC 1117</a>		Internet Numbers	August 1989
C*132.157.rrr.rrr	PORTAL-NET	Int DECnet Portal	[MR159]
C*132.158.rrr.rrr	HARRIS-SEMI	Harris Semiconductor Net	[RG92]
D 132.159.rrr.rrr	FTLEENET	US Army - Ft. Lee	[TWH19]
G 132.160.rrr.rrr	PACCOM	Pacific Net	[47,TN11]
R*132.161.rrr.rrr	GRIN	Grinnell College Net	[26,TM169]
R*132.162.rrr.rrr	OBERLIN	Oberlin College	[BH161]
G*132.163.rrr.rrr	BLDRDOC	DoC-Boulder-Labs	[47,FMM11]
D*132.164.rrr.rrr	B2TSN	B2 Training Sys Net	[47,SM197]
R*132.165.rrr.rrr	CEA-SIEGE	CEA-Etb. Siege	[47,JP254]
R*132.166.rrr.rrr	CEA-SACLAY	CEA-CEN Saclay	[47,JD16]
R*132.167.rrr.rrr	CEA-FONTENAY	CEA-CEN Fontenay	[47,JD16]
R*132.168.rrr.rrr	CEA-GRENOBLE	CEA-CEN Grenoble	[47,GB167]
R*132.169.rrr.rrr	CEA-CADARACH	CEA-CEN Cadarache	[47,DC257]
R 132.170.rrr.rrr	UCF	Univ of Central Fla	[47,WTE4]
G*132.171.rrr.rrr	IVOWAN	IVO Wide Area Net	[TT69]
C*132.172.rrr.rrr	HANDS	Holmes & Narver Data	[26,JRA26]
D*132.173.rrr.rrr	CWATCHNET	CWATCH Net	[GK44]
R 132.174.rrr.rrr	OCLC	OCLC Rsch	[TT70]
R 132.175.rrr.rrr	SNLA-NET	Sandia Natl Labs Net	[FEJ3]
R 132.176.rrr.rrr	FERNUNI-NET	FernUni Rsch Net	[47,CR24]
R 132.177.rrr.rrr	UNH	UNH at Durham	[26,BR104]

R 132.178.rrr.rrr	IDBSU	Boise State Univ LAN	[47,MU7]
C*132.179.rrr.rrr	TPMA-NET	Toppan Asaka PM Net	[47,TS160]
R*132.180.rrr.rrr	UNIBT-LAN	Univ of Bayreuth LAN	[47,HT40]
R*132.181.rrr.rrr	CANTERBURY	U of Canterbury LAN	[47,ART5]
R*132.182.rrr.rrr	MEINET	MEI R&D Net	[47,JY33]
R 132.183.rrr.rrr	MGH-ETHER	MGH Rsch Net	[47,DM75]
C*132.184.rrr.rrr	UNIX-DEC-NET	DEC Manalapan, NJ	[AK75]
C*132.185.rrr.rrr	BBC	BBC Ether	[26,BB231]
C*132.186.rrr.rrr	PYRAMIDOZ	Pyramid Tech Oz Net	[17,26,BK78]
R*132.187.rrr.rrr	UNIWUE-LAN	U of Wuerzburg LAN	[47,MR160]
C*132.188.rrr.rrr	AUTODESK	Autodesk Inc Corp Net	[47,DOR]
C*132.189.rrr.rrr	LILLYNET	Eli Lilly Ether	[47,FDC2]
C*132.190.rrr.rrr	VARIAN-NET	Corp Camp Net	[47,DM313]
G*132.191.rrr.rrr	DOERLNET2	DOE Richland Net	[47,DES41]
R 132.192.rrr.rrr	UTMEM-NET	The UT, Memphis Net	[EB108]
D 132.193.rrr.rrr	ARO-NET	Army Rsch Off	[47,BF81]
R 132.194.rrr.rrr	CUDENVER	Denver Camp Net	[47,RH286]
R*132.195.rrr.rrr	WUPPERNET	Wuppertal Camp Net	[CK96]
C*132.196.rrr.rrr	EUANET	Ellemtel Net	[47,B026]
R*132.197.rrr.rrr	GTEL	GTE Labs LAN	[47,MM334]
R 132.198.rrr.rrr	UVM-NET	UVM-NET-EMBA-LAN	[47,GAB36]
R*132.199.rrr.rrr	UNIR-LAN	Univ of Regensburg LAN	[47,KW8]
G*132.200.rrr.rrr	FRB	FRB WorkSta Net	[47,RPD5]
C*132.201.rrr.rrr	SBC	Southwest Bell	[26,KS133]
R 132.202.rrr.rrr-132.221.rrr.rrr		Quebec Research Net	[MV38]
C*132.222.rrr.rrr	NTT-CAE	NTT CAE Net	[12,TN40]
C*132.223.rrr.rrr	GENRAD-NET	GenRad Development Net	[47,RT148]

D*132.224.rrr.rrr	BOE-AS-NET	BOEING-ADSYS-NET	[GK44]
R*132.225.rrr.rrr	AECL-RCNET	AECL Research Net	[JP262]
R 132.226.rrr.rrr	ALCOA-NET	ALCOA Research Net	[35,47,JOG]
R*132.227.rrr.rrr	IBP-NET	CNRS Univ P6-P7 IBP	[47,JC414]
C 132.228.rrr.rrr	GRUMMAN	Grumman Corporation	[26,MT105]
R*132.229.rrr.rrr	RUL-NL	Leiden Campus Net	[26,PK73]
R*132.230.rrr.rrr	FDN	Freiburgs-Daten-Netz	[MW171]
R*132.231.rrr.rrr	PASSAU-LAN	Univ of Passau LAN	[47,AK76]
C*132.232.rrr.rrr	BISMACNET	BIS Mackintosh Corp Net	[MAJ14]
C*132.233.rrr.rrr	FM-CIS	CIS Folsom Network	[26,BW142]
R*132.234.rrr.rrr	GUNET	Griffith Uni Net	[47,GW117]
R 132.235.rrr.rrr	OHIOU-NET	Ohio University Net	[JT149]
R 132.236.rrr.rrr	NYSAES	Cornell NYSAES Net	[47,BBJ2]
C*132.237.rrr.rrr	WYSE	WYSE Internet	[47,BR106]

R*132.238.rrr.rrr	FDUNET	FDU Network	[NMS5]
R 132.239.rrr.rrr	UCSD-SUBNETS	UCSD Subnets Network	[47,BK29]
C*132.240.rrr.rrr	VITALINK	Vitalink Comm Net	[26,47,FB77]
R 132.241.rrr.rrr	CSUCHICO	Cal State Univ Chico	[47,PT55]
C*132.242.rrr.rrr	NCR-EM-SD	NCR E&M San Diego	[47,JS511]
C 132.243.rrr.rrr	NCRWIN	NCR Data Network	[47,LL115]
C*132.244.rrr.rrr	ROLLS-ROYCE	Rolls-Royce Ethernet	[47,CH181]
C*132.245.rrr.rrr	XYLOGICS	Xylogics Corp Net	[47,JRL3]
R*132.246.rrr.rrr	NRC	NRC Local Area Network	[8,LB164]
R 132.247.rrr.rrr	RAM	Red Academica de Mex	[47,MA105]
R 132.248.rrr.rrr	REDUNAM	Red Univ de Mexico	[47,MA105]
R 132.249.rrr.rrr	SDSCLAN	San Diego SuperC LAN	[47,GKN1]
D 132.250.rrr.rrr	NRL-NETS	NRL Networks	[WF3]
R*132.251.rrr.rrr	ISTS	ISTS Backbone	[26,47,EC43]
R*132.252.rrr.rrr	UEGNET	Essen Univ Net	[26,DN71]
C*132.253.rrr.rrr	RASNA	Rasna Corporation Net	[TJT1]
R 132.254.rrr.rrr	ITESM-MEXICO	Tec de Monterrey Net	[47,SZ21]
132.255.rrr.rrr	Reserved	Reserved	[JBP]
133.0.rrr.rrr	Reserved	Reserved	[JBP]
R*133.1.rrr.rrr-133.254.rrr.rrr		Japan Inet	[JM292]
133.255.rrr.rrr	Reserved	Reserved	[JBP]
134.0.rrr.rrr	Reserved	Reserved	[JBP]
134.1.rrr.rrr-191.254.rrr.rrr		Unassigned	[NIC]
*191.255.rrr.rrr	Reserved	Reserved	[JBP]

### Class C Networks

* Internet Address	Network	Name	References
-----	-----	-----	-----
192.0.0.rrr	Reserved	Reserved	[JBP]
R 192.0.1.rrr	BBN-TEST-C	BBN-GATE-TEST-C	[RH6]
R*192.0.2.rrr	TEST	TEST	[JBP]



192.0.3.rrr-192.0.255.rrr		Unassigned	[NIC]
R 192.1.0.rrr-192.1.1.rrr		BBN Local Nets	[SGC]
R 192.1.2.rrr	BBN-FIBER-NET	BBN Inc	[SGC]
R 192.1.3.rrr	BBN-APOLLO-NET	BBN Inc	[SGC]
R 192.1.4.rrr	BBN-FIBER-TEST	BBN Inc	[SGC]
R 192.1.5.rrr	BBN-SD-ENET	BBN Inc	[SGC]
R 192.1.6.rrr	BBN-DGI-ENET	BBN Inc	[SGC]
R 192.1.7.rrr	BBN-WASH-ENET	BBN Inc	[SGC]
R 192.1.8.rrr	BBN-SCOTLAND-NET	BBN Inc	[SGC]
R 192.1.9.rrr	BBN-DGI-APOLLO	BBN Inc	[SGC]
R 192.1.10.rrr	BBN-NEWPORT-NET	BBN Inc	[SGC]
R 192.1.11.rrr	BBN-TEST-NET	BBN Inc	[SGC]
R 192.1.12.rrr	BBN-TEST2-NET	BBN Inc	[SGC]
R 192.1.13.rrr	BBN-TEST3-NET	BBN Inc	[SGC]
R 192.1.14.rrr	Reserved	BBN Local Nets	[SGC]
R 192.1.15.rrr	BBNCC-HARDWARE	BBN Inc	[SGC]
R 192.1.16.rrr	BBNCC-APOLLO	BBN Inc	[SGC]
R 192.1.17.rrr	BBNCC-COLUMBIA	BBN Inc	[SGC]
R 192.1.18.rrr	BBNCC-PRO-NET	BBN Inc	[SGC]
R 192.1.19.rrr	BBNCC-BILLERICA	BBN Inc	[SGC]
R 192.1.20.rrr	BBNACI-MT-VIEW	BBN Inc	[SGC]
R 192.1.21.rrr	BBN-DGI-ENET2	BBN Inc	[SGC]
R 192.1.22.rrr	BBN-FORT-KNOX	BBN Inc	[SGC]
R 192.1.23.rrr	BBN-NEW-LONDON	BBN Inc	[SGC]
R 192.1.24.rrr-192.3.255.rrr		BBN Local Nets	[SGC]
R 192.4.0.rrr-192.4.12.rrr		BELLCORE-NET	[47, PK28]
R 192.4.13.rrr	MRE-MERLOT	MRE-MERLOT	[47, PK28]
R 192.4.14.rrr	MRE-BIRDNET	MRE-BIRDNET	[47, PK28]
R 192.4.15.rrr-192.4.17.rrr		BELLCORE-NET	[47, PK28]
R 192.4.18.rrr	MRE-FRAGGLE	MRE-FRAGGLE	[47, PK28]
R 192.4.19.rrr-192.4.31.rrr		BELLCORE-NET	[47, PK28]
R 192.4.32.rrr	NVC-SHARP	NVC-SHARP	[47, PK28]
R 192.4.33.rrr	Reserved	BELLCORE-NET	[47, PK28]
R 192.4.34.rrr	NVC-BB	NVC-BB	[47, PK28]
R 192.4.35.rrr	NVC-ASPEN	NVC-ASPEN	[47, PK28]
R 192.4.36.rrr	Reserved	BELLCORE-NET	[47, PK28]
R 192.4.37.rrr	LCC-APOLLO	LCC-Apoł	[47, PK28]
R 192.4.38.rrr	PYA-FACS	PYA-FACS	[47, PK28]
R 192.4.39.rrr-192.4.255.rrr		BELLCORE-NET	[47, PK28]
192.5.0.rrr	Reserved	Reserved	[JBP]
R 192.5.1.rrr	CISLHYPERNET	Honeywell	[JLM23]

R*192.5.2.rrr	UF-NET-A	UF-CIS Dept Ether	[AW48]
C 192.5.3.rrr	HP-DESIGN-AIDS	HP Des Aids	[AG67]
C 192.5.4.rrr	HP-TCG-UNIX	HP TCG Unix	[AG67]
R 192.5.5.rrr	DEC-MRNET	DEC Marlboro Ether	[47,JM60]
R 192.5.6.rrr	DEC-MRRAD	DEC Marlboro Dev	[47,JM60]
R 192.5.7.rrr	CIT-CS-NET	Caltech-CS-Net	[50,CS2]
R 192.5.8.rrr	CSEICNET	MACOM Net	[SB90]
R 192.5.9.rrr	AERONET	Aero Labnet	[1,LCN]
R 192.5.10.rrr	ECLNET	USC-ECL-Camp-NET	[MAB4]
R 192.5.11.rrr	CSS-RING	SEISMIC-Rsch-NET	[DC115]
R 192.5.12.rrr	UTAH-NET-C	UTAH-Comp-Sci-NET	[GW22]
R 192.5.13.rrr	GSWDNET	Compion Net	[47,FAS]
R 192.5.14.rrr	RAND-NET	RAND Net	[47,JDG]
192.5.15.rrr	Unassigned	Unassigned	[NIC]
R 192.5.16.rrr	LANLLAND	Los Alamos Dev LAN	[47,PCW]
R 192.5.17.rrr	NRL-NET	Naval Rsch Lab	[MPM]
R 192.5.18.rrr	IPTO-NET	ARPA-IPTO Off Net	[JS283]
R 192.5.19.rrr	UCIICS	UCI-ICS Rsch Net	[RAJ3]
R 192.5.20.rrr	CISLTTYNET	Honeywell	[JLM23]
D 192.5.21.rrr	BRLNET1	BRLNET1	[4,MJM2]
D 192.5.22.rrr	BRLNET2	BRLNET2	[4,MJM2]
D 192.5.23.rrr	BRLNET3	BRLNET3	[4,MJM2]
D 192.5.24.rrr	BRLNET4	BRLNET4	[4,MJM2]
D 192.5.25.rrr	BRLNET5	BRLNET5	[4,MJM2]
192.5.26.rrr	Unassigned	Unassigned	[NIC]
D 192.5.27.rrr	DTNSRDC-NET	DTNSRDC-NET	[RWT2]
R 192.5.28.rrr	RSRE-NULL	RSRE-NULL	[RNM1]
R 192.5.29.rrr	RSRE-ACC	RSRE-ACC	[RNM1]
R 192.5.30.rrr	RSRE-PR	RSRE-PR	[RNM1]
R*192.5.31.rrr	SIEMENS-NET	Siemens Rsch Net	[PN23]
R 192.5.32.rrr	CISLTESTNET2	Honeywell	[22,23,JLM23]
R 192.5.33.rrr	CISLTESTNET3	Honeywell	[22,23,JLM23]
R 192.5.34.rrr	CISLTESTNET4	Honeywell	[22,23,JLM23]
192.5.35.rrr	Unassigned	Unassigned	[NIC]
192.5.36.rrr	Unassigned	Unassigned	[NIC]
R 192.5.37.rrr	UR-CS-NET	U of R CS 3Mb Net	[47,LB16]
R 192.5.38.rrr	SRI-C3ETHER	SRI-AITAD C3Ether	[47,GMR]
192.5.39.rrr	Unassigned	Unassigned	[NIC]
R 192.5.40.rrr	PUCC-NET-A	Purdue Comp Ctr Net	[JS81]
192.5.41.rrr	Unassigned	Unassigned	[NIC]
D 192.5.42.rrr	HYPER-1ISG	AFDSC Hypernet	[MCA1]
R 192.5.43.rrr	CUCSNET	Columbia CS Net	[47,BC14]
R 192.5.44.rrr	FARBER-PC-NET	Farber PC Net	[DJF]
R 192.5.45.rrr	FCCC-TEMP	Fox Chase Cancer Ctr	[RKS1]
R 192.5.46.rrr	NTA-RING	NDRE-RING	[PS27]
R 192.5.47.rrr	NSRDC	NSRDC	[RWT2]
R 192.5.48.rrr	PURDUE-CS-NET	Purdue CS ProNET	[DT50]
C 192.5.49.rrr	TISW-NET	TISW Net	[HKO]

[RFC 1117](#)

## Internet Numbers

August 1989

R 192.5.50.rrr	CTH-CS-NET	Chalmers CSN Net	[ <a href="#">47</a> ,UB3]
192.5.51.rrr	Unassigned	Unassigned	[NIC]
R 192.5.52.rrr	NLM-ETHER-TEMP	NLM-LHNCBC-Ether	[JA1]
R 192.5.53.rrr	UR-CS-ETHER	U of R CS 10Mb Net	[ <a href="#">47</a> ,LB16]
R 192.5.54.rrr	AERO-A3	Aero-A3	[ <a href="#">1</a> ,LCN]
R 192.5.55.rrr	UCLA-CECS	UCLA-CECS Net	[ <a href="#">47</a> ,RBW]
C 192.5.56.rrr	TARTAN-NET	Tartan Labs	[BM156]
R 192.5.57.rrr	UDEL-CC	UDEL Comp Ctr	[ <a href="#">47</a> ,RR18]
R 192.5.58.rrr	CSNET-PDN	CSNET X.25 Net	[ <a href="#">27</a> ,RDR4]
R*192.5.59.rrr	INRIA-SM90	Inria GIP SM-90	[MS171]
R 192.5.60.rrr	INRIA-SOPHIA	Inria Sophia	[MS171]
R*192.5.61.rrr	SM90-X2	Inria SM-90 Exp 2	[MS171]
R*192.5.62.rrr	LITP-SM90	LITP SM-90	[MS171]
192.5.63.rrr	Unassigned	Unassigned	[NIC]
R 192.5.64.rrr	AMES-NAS-NET	NASA ARC NAS LAN	[ <a href="#">47</a> ,MF31]
R 192.5.65.rrr	NPRDC-ETHER	NPRDC TRCF Ether	[LRB]
R 192.5.66.rrr	HARV-NET	Harv Comp Sci Net	[SB28]
R 192.5.67.rrr	CECOM-ETHER	CECOM ADDCOMPE ETHER	[ <a href="#">47</a> ,GIH]
192.5.68.rrr	Unassigned	Unassigned	[NIC]
R 192.5.69.rrr	UIUC-NET	Univ of IL at Urbana	[ <a href="#">47</a> , <a href="#">AKC</a> ]
G 192.5.70.rrr	CELAN	COINS Exp LAN	[RLS6]
R*192.5.71.rrr	WWU-ADMIN-NET	WWU-ADMIN-NET	[JSW12]
R*192.5.72.rrr	BATES	Bates College Comp Svc	[RS348]
C*192.5.73.rrr	LVSUN	Las Vegas Sun	[GCS8]
C*192.5.74.rrr-192.5.81.rrr		MSC Nets	[SL70]
R 192.5.82.rrr	FSUSTAT	FSU Stats Dept	[KMH8]
C*192.5.83.rrr	EPOCH-ENGR	Epoch Eng Net	[GK32]
R*192.5.84.rrr-192.5.87.rrr		Univ of Chicago	[MC17]
R 192.5.88.rrr	YALE-EE-NET	YALE-EE-NET	[ <a href="#">47</a> ,AG22]
R 192.5.89.rrr	HARV-APOLLO	Harv Univ	[ <a href="#">2</a> ,SB28]
R*192.5.90.rrr	SERI-NET	SERI Seoul Net	[CK92]
R 192.5.91.rrr	PURDUE-ECN1	Purdue ECN	[ <a href="#">13</a> , <a href="#">25</a> ,JRS8]
R 192.5.92.rrr	BRAGG-ETHER	SRI Bragg Ether	[ <a href="#">47</a> ,GIH]
R 192.5.93.rrr	SRI-DEMO	SRI Ether Demo	[ <a href="#">47</a> ,GIH]
R*192.5.94.rrr	SDCRDCF-10MB	SDC R&D Prim Net	[ <a href="#">47</a> ,DJV1]
R*192.5.95.rrr	SDCRDCF-3MB	SDC R&D Old Net	[ <a href="#">47</a> ,DJV1]
R*192.5.96.rrr	UBC-CS-NET	UBC Comp Sci Net	[ <a href="#">47</a> ,PB67]
R*192.5.97.rrr	UCLA-CS-LNI	UCLA CS LNI Net	[RBW]
R*192.5.98.rrr	UCLA-PIC	UCLA PIC Net	[ <a href="#">47</a> ,RBW]
R 192.5.99.rrr	SPACENET	S-1 WorkSta Net	[ <a href="#">47</a> ,TW51]
R 192.5.100.rrr	HCSC-NET	Honeywell CSC Net	[ <a href="#">47</a> ,DB322]
R 192.5.101.rrr	PUCC-NET-B	Purdue Gw Net	[JS81]
R 192.5.102.rrr	PUCC-RHF-NET	PUCC RHF Based Net	[JS81]

192.5.103.rrr	Unassigned	Unassigned	[NIC]
R 192.5.104.rrr	THINK-INET	Thinking Machs	[47,BJN1]
R 192.5.105.rrr	XAIT-POND	CCA Ether1 (POND)	[51,AL6]
C*192.5.106.rrr	BITSTREAM	Bitstream Type Found	[47,PGA1]
R*192.5.107.rrr	PASC-ETHER	IBM PASC Ether	[47,GAL5]

[RFC 1117](#)

Internet Numbers

August 1989

R*192.5.108.rrr	PASC-BB	IBM PASC BRdband	[47,GAL5]
R 192.5.109.rrr	CWRUNET-C0	ARJCC TOPS-20 Net	[47,JAG3]
R 192.5.110.rrr	CWRUNET-C1	ARJCC Local Net	[47,JAG3]
R 192.5.111.rrr	CWRUNET-C2	Camp Quad Net	[47,JAG3]
R 192.5.112.rrr	CWRUNET-C3	CAISR Local Net	[47,JAG3]
R 192.5.113.rrr	CWRUNET-C4	CES Local Net	[47,JAG3]
C*192.5.114.rrr	I2-RING-1	Intermetrics Pronet	[47,CB42]
C*192.5.115.rrr	I2-ETHER-1	Intermetrics Ether	[47,CB42]
R 192.5.116.rrr	BRAGGNET-1	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.117.rrr	BRAGGNET-2	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.118.rrr	BRAGGNET-3	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.119.rrr	BRAGGNET-4	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.120.rrr	BRAGGNET-5	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.121.rrr	BRAGGNET-6	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.122.rrr	BRAGGNET-7	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.123.rrr	BRAGGNET-8	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.124.rrr	BRAGGNET-9	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.125.rrr	BRAGGNET-10	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.126.rrr	BRAGGNET-11	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.127.rrr	BRAGGNET-12	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.128.rrr	BRAGGNET-13	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.129.rrr	BRAGGNET-14	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.130.rrr	BRAGGNET-15	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.131.rrr	BRAGGNET-16	BRAGG/ADDCOMPE	[47,LDB3]
R 192.5.132.rrr	BRAGGNET-17	BRAGG/ADDCOMPE	[47,LDB3]
R*192.5.133.rrr	PERCEPT-AI	Perceptronics	[KC8]
C*192.5.134.rrr	I2-ETHER-2	Intermetrics Ether-2	[47,CB42]
R 192.5.135.rrr	LL-SPEECH-NET	LL Speech Net	[47,RH60]
R 192.5.136.rrr	LL43-LEX-BACK	Lincoln G43-LEX-BACK	[47,BC65]
R 192.5.137.rrr	LL43-LEX-SUNA	Lincoln G43-LEX-SUNA	[47,BC65]
R 192.5.138.rrr	LL43-LEX-SUNB	Lincoln G43-LEX-SUNB	[47,BC65]
R 192.5.139.rrr	LL43-LEX-APO	Lincoln G43-LEX-APO	[47,BC65]
R 192.5.140.rrr	LL43-TB-BACK	Lincoln G43-TB-BACK	[47,BC65]
R 192.5.141.rrr	LL43-TB-APO	Lincoln G43-TB-APO	[47,BC65]
R*192.5.142.rrr	CCVR	CCVR Net	[47,RD91]
R 192.5.143.rrr	NWU	NORTHWESTERN	[AS62]

R 192.5.144.rrr	CRC-ENET	CANADA-CRC-Ether	[TS31]
R 192.5.145.rrr	ECRC-SL	ECRC-SL Net	[PD39]
R 192.5.146.rrr	CPW-PSC	Pittsburgh SC Ctr	[ML62]
R 192.5.147.rrr	ALV-ETHER	MMDAALVVAX	[LJR5]
R 192.5.148.rrr	DISE	Dist Sys Eval Envir	[RHS16]
R 192.5.149.rrr	RDL-ETHER	RDL	[47,MS172]
G*192.5.150.rrr	SP-ACE-NET	Sperry Space Sys	[47,JM304]
R 192.5.151.rrr	PENN-STATE-1	Penn State Net	[SJS11]
R 192.5.152.rrr	PENN-STATE-2	Penn State Net	[SJS11]
R 192.5.153.rrr	PENN-STATE-3	Penn State Net	[SJS11]
R 192.5.154.rrr	PENN-STATE-4	Penn State Net	[SJS11]
R 192.5.155.rrr	PENN-STATE-5	Penn State Net	[SJS11]

[RFC 1117](#)

Internet Numbers

August 1989

R 192.5.156.rrr	PENN-STATE-6	Penn State Net	[SJS11]
R 192.5.157.rrr	PENN-STATE-7	Penn State Net	[SJS11]
R 192.5.158.rrr	PENN-STATE-8	Penn State Net	[SJS11]
R 192.5.159.rrr	PENN-STATE-9	Penn State Net	[SJS11]
R 192.5.160.rrr	PENN-STATE-10	Penn State Net	[SJS11]
R 192.5.161.rrr	PENN-STATE-11	Penn State Net	[SJS11]
R 192.5.162.rrr	PENN-STATE-12	Penn State Net	[SJS11]
C*192.5.163.rrr	I2-SPDNET-1	I2 SPD Ether	[47,CB42]
C 192.5.164.rrr	GTEECN	GTE Eng Net	[47,CH102]
R 192.5.165.rrr	UNISYS-CAM-1	Unisys Camarillo R&D	[DSR]
R*192.5.166.rrr	AWINET	AWINET Bremerhaven	[JMS17]
R 192.5.167.rrr	MCC-ACA6	MCC AI Subnet	[47,CBD]
R 192.5.168.rrr	MCC-CAD2	MCC CAD2 Subnet	[47,CBD]
R 192.5.169.rrr	MCC-CAD3	MCC PKG Subnet	[47,CBD]
G 192.5.170.rrr	ANLNET1	Argonne Net	[47,LW26]
G 192.5.171.rrr	ANLNET2	Argonne Net	[47,LW26]
G 192.5.172.rrr	ANLNET3	Argonne Net	[47,LW26]
G 192.5.173.rrr	ANLNET4	Argonne Net	[47,LW26]
G 192.5.174.rrr	ANLNET5	Argonne Net	[47,LW26]
G 192.5.175.rrr	ANLNET6	Argonne Net	[47,LW26]
G 192.5.176.rrr	ANLNET7	Argonne Net	[47,LW26]
G 192.5.177.rrr	ANLNET8	Argonne Net	[47,LW26]
G 192.5.178.rrr	ANLNET9	Argonne Net	[47,LW26]
G 192.5.179.rrr	ANLNET10	Argonne Net	[47,LW26]
G 192.5.180.rrr	ANLNET11	Argonne Net	[47,LW26]
G 192.5.181.rrr	ANLNET12	Argonne Net	[47,LW26]
G 192.5.182.rrr	ANLNET13	Argonne Net	[47,LW26]
G 192.5.183.rrr	ANLNET14	Argonne Net	[47,LW26]
G 192.5.184.rrr	ANLNET15	Argonne Net	[47,LW26]

G 192.5.185.rrr	ANLNET16	Argonne Net	[47,LW26]
G 192.5.186.rrr	ANLNET17	Argonne Net	[47,LW26]
G 192.5.187.rrr	ANLNET18	Argonne Net	[47,LW26]
G 192.5.188.rrr	ANLNET19	Argonne Net	[47,LW26]
G 192.5.189.rrr	ANLNET20	Argonne Net	[47,LW26]
G 192.5.190.rrr	ANLNET21	Argonne Net	[47,LW26]
G 192.5.191.rrr	ANLNET22	Argonne Net	[47,LW26]
G 192.5.192.rrr	ANLNET23	Argonne Net	[47,LW26]
G 192.5.193.rrr	ANLNET24	Argonne Net	[47,LW26]
G 192.5.194.rrr	ANLNET25	Argonne Net	[47,LW26]
G 192.5.195.rrr	ANLNET26	Argonne Net	[47,LW26]
G 192.5.196.rrr	ANLNET27	Argonne Net	[47,LW26]
G 192.5.197.rrr	ANLNET28	Argonne Net	[47,LW26]
G 192.5.198.rrr	ANLNET29	Argonne Net	[47,LW26]
G 192.5.199.rrr	ANLNET30	Argonne Net	[47,LW26]
G 192.5.200.rrr	ANLNET31	Argonne Net	[47,LW26]
G 192.5.201.rrr	ANLNET32	Argonne Net	[47,LW26]
R 192.5.202.rrr	FMC-CEL	FMC-CEL Host Net	[47,KW2]
R*192.5.203.rrr	OKSTATE-CS	Okla State CS Net	[47,MV24]

[RFC 1117](#)

Internet Numbers

August 1989

R 192.5.204.rrr	SKL-ENET	Canada-SKL-Ether	[TS31]
R*192.5.205.rrr	ARC-CALGARY	Alta Rsch Calgary	[DK66]
R 192.5.206.rrr	BU-MATHNET	BU-MATHNET	[BS24]
R 192.5.207.rrr	BU-CHEMNET	BU-CHEMNET	[BS24]
R 192.5.208.rrr	BU-CLANET	BU-CLANET	[BS24]
D 192.5.209.rrr	SSDF-CDCNET	DCD-DDN-Dev	[RE22]
G 192.5.210.rrr	ECSNET	Embedded Comp Sys Net	[CAL7]
R 192.5.211.rrr	INTEL-IWARP	Intel Iwarp Net	[47,BT4]
R*192.5.212.rrr	CDC-PCAFAC	CDC PCAFAC Ether	[MCB5]
R 192.5.213.rrr	HARRIS	Harris-GSSNet	[DAT4]
C 192.5.214.rrr	DECUACNET	Decuac Net	[47,FMA1]
R 192.5.215.rrr	MASONNET	GMU Net	[47,TH15]
R 192.5.216.rrr	NTT-NET	NTT Rsch Lab Net	[47,YS10]
R 192.5.217.rrr	YALE-ZOO-NET	Yale Apol Ed Net	[HML1]
D 192.5.218.rrr	ARINC-GW-NET	ARINC-Gw Net	[YN]
R 192.5.219.rrr	CLEMSON	Clemson Univ Comp Ctr	[CH170]
C 192.5.220.rrr	SCCNET	SPACECOM IP Net	[47,MJ04]
C 192.5.221.rrr	CSC-LONS	CSC-LONS Net	[47,SWR3]
C 192.5.222.rrr	CSC-OIS	CSC-OIS Net	[47,SWR3]
R*192.5.223.rrr	HWELL-RE	HWELL-RESD-ENGRG	[47,PP36]
D*192.5.224.rrr	HAIC-NET	Hughes AI Ctr Net	[47,DMK18]
C*192.5.225.rrr-192.5.236.rrr		GE Calma Block	[47,TR38]

R 192.5.237.rrr	SMITHKLINE	SmithKline Beckman	[MS9]
192.5.238.rrr-192.5.240.rrr		Unassigned	[NIC]
R 192.5.241.rrr	USC-CYPRESS	USC Cypress Net	[7,MAB4]
C*192.5.242.rrr	MOT-ASIC	Motorola Chandler LAN	[GW49]
C*192.5.243.rrr	MOT-MESA	Motorola Mesa LAN	[GW49]
C*192.5.244.rrr	MOT-DOVER	Motorola Dover LAN	[GW49]
C*192.5.245.rrr	MOT-PRICE	Motorola Price Rd LAN	[GW49]
C*192.5.246.rrr	MOT-PICO	Motorola Pico LAN	[GW49]
C*192.5.247.rrr	MOT-52ND	Motorola Semi MIS LAN	[GW49]
C*192.5.248.rrr	MOT-AUSTIN	Motorola Austin LAN	[GW49]
C*192.5.249.rrr	MOT-OAKHILL	Motorola Oakhill LAN	[GW49]
C*192.5.250.rrr	MOT-TELAVIV	Motorola Tel Aviv LAN	[GW49]
C*192.5.251.rrr	MOT-GENEVA	Motorola Geneva LAN	[GW49]
C*192.5.252.rrr	MOT-TOKYO	Motorola Tokyo LAN	[GW49]
C*192.5.253.rrr	MOT-HONGKONG	Motorola Hongkong LAN	[GW49]
R*192.5.254.rrr	ANSA	ANSA Proj	[47,DO27]
192.5.255.rrr	Reserved	Reserved	[JBP]
C*192.6.0.rrr-192.6.200.rrr		Hewlett-Packard	[AG67]
R 192.6.201.rrr	UTSANANTONIO	UT San Antonio	[AA73]
C*192.6.202.rrr-192.6.255.rrr		HP	[AG67]
C*192.7.0.rrr-192.7.255.rrr		Comp Consoles, Inc	[RA11]
C*192.8.0.rrr-192.8.255.rrr		Spartacus Inc	[EK48]
C*192.9.0.rrr-192.9.255.rrr		Sun MicroSys, Inc	[BN4]
C*192.10.0.rrr-192.10.40.rrr		Symbolics, Inc	[SE31]
C*192.10.41.rrr	TELLABS-MAIN	Tellabs Corp Net	[DB273]
C*192.10.42.rrr-192.10.255.rrr		Symbolics, Inc	[SE31]

[RFC 1117](#)

Internet Numbers

August 1989

C*192.11.0.rrr-192.11.255.rrr		AT&T Bell Labs	[MH82]
R 192.12.0.rrr	YALE-SUN-NET	YALE-SUN-NET	[HML1]
R*192.12.1.rrr	SUSSEX-CSNET	Sussex Comp Sci Net	[RS255]
R*192.12.2.rrr	AMDAHL	Amdahl UTS Dev Grp	[GAM8]
C*192.12.3.rrr	SLCS	Schlumberger LCS Net	[47,CG64]
C*192.12.4.rrr	SCG-NET	Hughes SCG Net	[48,DBM16]
R 192.12.5.rrr	AIC-LISPMS	SRI-AIC-LISPMachNET	[47,WMT]
R 192.12.6.rrr	NPS-C2	NPS-C2	[47,DW15]
D 192.12.7.rrr	SSSD-NET	SUPSHIP San Diego Net	[47,RGH21]
D 192.12.8.rrr	PICANET1	Pica Arsenal LAN1	[47,RFD1]
R 192.12.9.rrr	YALE-EE2-NET	Yale 2nd EE Net	[ASW3]
R 192.12.10.rrr	THENETDFW	THENET Cisco Routers	[LSV]
R 192.12.11.rrr	MIT-TEST	MIT Gw Test Net	[47,NC3]
R 192.12.12.rrr	SANTAFE	San Fe Inst	[SCP6]
R 192.12.13.rrr	JHU-NET1	JHU-NET1	[47,MJ07]

R 192.12.14.rrr	JHU-NET2	JHU-NET2	[47,MJ07]
R 192.12.15.rrr	BROOKNET	BNL Brooknet III	[47,GR9]
R 192.12.16.rrr	PRMNET	SRI-SURAN-EN	[47,PEM4]
G 192.12.17.rrr	LLL-TIS-NET	LLL-TIS-NET	[47,48,NAL]
R 192.12.18.rrr	CIT-CS-10NET	Caltech 10Meg Ether	[50,AD22]
R 192.12.19.rrr	CIT-NET	Caltech Camp Net	[50,AD22]
R 192.12.20.rrr	CIT-SUN-NET	Caltech Sun Net	[50,AD22]
R 192.12.21.rrr	CIT-PHYSCOMP	Caltech Phys Comp	[50,AD22]
R 192.12.22.rrr	UTCSRES	UTCS Net Rsch	[47,JSQ1]
R 192.12.23.rrr	UTCSTTY	UTCS TTY Kludgenet	[47,JSQ1]
R 192.12.24.rrr	MICANET	MITRE-Exp	[WDL]
R 192.12.25.rrr	CSS-GRAMINAE	CSS WorkSta Net	[24,DC115]
192.12.26.rrr	Unassigned	Unassigned	[NIC]
R 192.12.27.rrr	UR-LASER	UR Laser Energetics	[47,WL31]
R*192.12.28.rrr	RIACS	RIACS-Exp-Net	[DG28]
D 192.12.29.rrr	RF-EVANS	ADDCOMPE DC3 LAN1	[47,MB31]
D 192.12.30.rrr	RF-HEX-A	ADDCOMPE DC3 LAN2	[47,MB31]
D 192.12.31.rrr	USNA-ENET	USNA Eng Net	[47,RAD15]
R*192.12.32.rrr	CMU-VINEYARD	CMU File Cluster Net	[47,MK68]
R 192.12.33.rrr	SRI-CSL-NET	SRI-CSL 10MB Ether	[DLE6]
C*192.12.34.rrr-192.12.40.rrr		Schlumberger LCS Net	[47,CG64]
C*192.12.41.rrr	FAIRCHILD	Fairchild Palo Alto	[47,CG64]
C*192.12.42.rrr	DARNET	DAR Apol Ring	[47,CG64]
C*192.12.43.rrr	BENSON	Schlumberger Benson	[47,CG64]
R 192.12.44.rrr	NRTC-NET	Northrop Rsch Net	[47,RSM1]
R 192.12.45.rrr	ACC-SB-IMP-NET	ACC San Barb C/30 IMP	[AB20]
R 192.12.46.rrr	ACC-SB-ETHER	ACC San Barb Ether	[AB20]
R*192.12.47.rrr	CINECA-LAN1	Univ of Bologna	[AA62]
G 192.12.48.rrr	AMES-ED-EXPNET	Code ED Exp Net	[47,MSM1]
G 192.12.49.rrr	AMES-ED-NET	Code ED IP Net	[47,MSM1]
G 192.12.50.rrr	AMES-HY-NET	AMES-HY Net	[47,MSM1]
R 192.12.51.rrr	THINK-CHAOS	TMC Chaos	[47,BJN1]
192.12.52.rrr	Unassigned	Unassigned	[NIC]

R*192.12.53.rrr	PU-LCA	Princeton Univ LCA	[47,CYH]
192.12.54.rrr	Unassigned	Unassigned	[NIC]
R 192.12.55.rrr	HAZ-LPR-BETA	Hazeltine LPR Net	[47,K011]
R 192.12.56.rrr	UTAH-AP-NET	Utah-Apol-Ring-Net	[JL15]
R 192.12.57.rrr	MCC-CAD1	MCC CAD Subnet	[47,CBD]
R 192.12.58.rrr	MCC-ACA7	MCC AI Subnet	[47,CBD]
R 192.12.59.rrr	MCC-ACA8	MCC DB Subnet	[47,CBD]
R 192.12.60.rrr	MCC-ACA9	MCC HI Subnet	[47,CBD]



R 192.12.61.rrr	MCC-SW-NET	MCC SW Subnet	[47,CBD]
R 192.12.62.rrr	DREA-ENET	DREA Lisp & Vaxen	[47,GLH5]
R 192.12.63.rrr	CYPRESS	CYPRESS Serial Net	[DT50]
D 192.12.64.rrr	LOGNET	Logistics Net GW	[4,JR15]
D 192.12.65.rrr	HELNET1	HELNET1	[47,MJM2]
D 192.12.66.rrr	HELNET2	HELNET2	[47,MJM2]
D 192.12.67.rrr	HELNET3	HELNET3	[47,MJM2]
G 192.12.68.rrr	ORNL-MSRNET	ORNL Local Area Net	[4,THD]
R 192.12.69.rrr	UA-CS-NET	Univ of Ariz CS Dept	[47,PAK6]
R 192.12.70.rrr	NPRDC-IPD	NPRDC-IPD Rem Ether	[LRB]
R 192.12.71.rrr	NPRDC-ISG	NPRDC-ISG Rem Ether	[LRB]
R 192.12.72.rrr	ULCC	UK.AC.ULCC	[RHC3]
R 192.12.73.rrr	BTRL	UK.CO.BT-Rsch-LABS	[RHC3]
R*192.12.74.rrr	APPLE-ETHER	Apple Comp Ether	[47,EF16]
R*192.12.75.rrr	PASC-RING	IBM PASC Token Ring	[GAL5]
R*192.12.76.rrr	UQ-NET	Univ of Qld Net	[47,AKH5]
R*192.12.77.rrr	CINECA-LAN2	Univ of Bologna	[AA62]
C*192.12.78.rrr	GENNET	Genentech Net	[47,SM96]
C*192.12.79.rrr	SLI	Soft Leverage Inc	[MG58]
R 192.12.80.rrr	CAEN	UMICH-CAEN	[HWB]
R 192.12.81.rrr	YALE-RING-NET	Yale Rsch Ring	[HML1]
C 192.12.82.rrr	CU-CC-NET	Columbia CC Net	[47,BC14]
G 192.12.83.rrr	UCDLA-EXNET	UCDLA Exp Net	[CL64]
G 192.12.84.rrr	UCDLA-PCNET	UCDLA Personal Net	[CL64]
G 192.12.85.rrr	UCDLA-OPNET	UCDLA Optical Disk	[CL64]
G 192.12.86.rrr	UCDLA-RADNET	UCDLA Pck Rad	[CL64]
G 192.12.87.rrr	UCDLA-CSLNET	UCDLA State Library	[CL64]
R*192.12.88.rrr	RUTGERS-NWK	Rutgers, Newark	[CLH3]
R 192.12.89.rrr	SBCS-CSDEPT-1	SB Comp Sci	[JS268]
R 192.12.90.rrr	SBCS-CSDEPT-2	SB Comp Sci	[JS268]
R 192.12.91.rrr	RPICSNET0	RPICS-LOCALNET-0	[MS9]
R 192.12.92.rrr	RPICSNET1	RPICS-LOCALNET-1	[MS9]
C*192.12.93.rrr	TYMNET-MDC	TYMNET-McDonnellDC	[TDM8]
R 192.12.94.rrr	ROCKWELL-AI-TEMP	Rockwell Palo Alto	[BMW7]
C*192.12.95.rrr	NNWSI	SAIC NNWSI Net	[EJ12]
R*192.12.96.rrr	SUPELEC-GIF	Reseau Supelec Gif	[DC159]
C 192.12.97.rrr	IND-NTC	NTC ARPA Test Net	[AB98]
R 192.12.98.rrr	SHIRBAY-ENET	Shirley Bay Site LAN	[TS31]
C*192.12.99.rrr	FCSL-NET	Ferranti CSL	[SA47]
D 192.12.100.rrr	OOG1	OO/ALC-SC-Gw1	[JD86]

R*192.12.101.rrr	OSU-CGRG	OSU Comp Graphics	[47,KS62]
------------------	----------	-------------------	-----------

G	192.12.102.rrr	AMES-NAS-HY	AMES NAS HY Net	[MSM1]
R	192.12.103.rrr	CSU-USC-ETHER	Colo State Univ Nets	[MM333]
R	192.12.104.rrr	CSU-NREL-ETHER	Colo State Univ Nets	[MM333]
	192.12.105.rrr-192.12.108.rrr		Unassigned	[NIC]
R*	192.12.109.rrr-192.12.118.rrr		Colo State Univ Nets	[RB218]
C*	192.12.119.rrr	XYPLEX	Xyplex Eng	[DP91]
D	192.12.120.rrr	MITRE-B-NET	MITRE Bedford Ether	[BSW]
R	192.12.121.rrr	FSUCS	FSU Comp Sci 1	[TB4]
R	192.12.122.rrr	FSUCS2	FSU Comp Sci 2	[TB4]
G	192.12.123.rrr	AMES-CCF-NET	AMES CCF Net	[47,MSM1]
D	192.12.124.rrr	ETL-LAN	ETL Local Area Net	[47,WWS]
D	192.12.125.rrr	CRDEC-NET1	CRDEC-NET1	[47,REA3]
D	192.12.126.rrr	CRDEC-NET2	CRDEC-NET2	[47,REA3]
R	192.12.127.rrr	LL-MI-NET	LL-Mach Intell	[47,KLS24]
R	192.12.128.rrr	BRADLEY	Bradley Univ	[47,LH124]
C*	192.12.129.rrr	SYM-CAN	Symbolics/Canada	[MMH5]
	192.12.130.rrr	Unassigned	Unassigned	[NIC]
R	192.12.131.rrr	SAC-ADMIN	SRI-SAC Admin Net	[47,KMC3]
R	192.12.132.rrr	LLL-MON	LLL Open Labnet-1	[47,LL64]
R	192.12.133.rrr	LLL-TUES	LLL Open Labnet-2	[47,LL64]
R	192.12.134.rrr	LLL-WED	LLL Open Labnet-3	[47,LL64]
R	192.12.135.rrr	LLL-THU	LLL Open Labnet-4	[47,LL64]
R	192.12.136.rrr	LLL-FRI	LLL Open Labnet-5	[47,LL64]
R	192.12.137.rrr	LLL-SAT	LLL Open Labnet-6	[47,LL64]
R	192.12.138.rrr	LLL-SUN	LLL Open Labnet-7	[47,LL64]
D	192.12.139.rrr	JTELS-BEN-GW	JUMPS Teleprocessing	[RR26]
R*	192.12.140.rrr	INFERENCE	INFERENCE	[DGT6]
R	192.12.141.rrr	CSS-ETHER	CSS WorkSta Net 2	[DC115]
C*	192.12.142.rrr	SENTRY	Sentry Adv Prod Net	[JB348]
C*	192.12.143.rrr	VSHIC-NET	Sentry VSHIC Test	[JB348]
R	192.12.144.rrr	ECRCNET	ECRC Int	[47,PD39]
C*	192.12.145.rrr-192.12.154.rrr		RCA-CADNET	[47,RG92]
C*	192.12.155.rrr-192.12.170.rrr		MTCS-CUST	[SF41]
D	192.12.171.rrr	PICANET2	Pica Arsenal 2	[RFD1]
R	192.12.172.rrr	ROCKWELLENET	Rockwell Ether	[NG]
	192.12.173.rrr	Unassigned	Unassigned	[NIC]
R*	192.12.174.rrr-192.12.183.rrr		TORONTO	[47,BD55]
R	192.12.184.rrr	DSPO-NET	BRL Hyper Proj Net	[BT5]
R	192.12.185.rrr	BOSTONU-NET	BOSTONU-NET	[JSOL]
R	192.12.186.rrr	BU-ACCNET	BU-ACCNET	[JSOL]
R	192.12.187.rrr	BU-BROADB	BU-BRdB	[JSOL]
R	192.12.188.rrr	BU-SCINET	BU-SCINET	[JSOL]
R	192.12.189.rrr	BU-ENGNET	BU-ENGNET	[JSOL]
R	192.12.190.rrr	BU-DSGNET	BU-DSGNET	[JSOL]
R	192.12.191.rrr	BU-MEDNET	BU-MEDNET	[JSOL]
R	192.12.192.rrr	ITALY-EXTNET	Italy Extern Stubnet	[ABB2]
R	192.12.193.rrr	ITALY-INTNET	Italy Int Net	[ABB2]

R 192.12.194.rrr	CNUCE-LAN3	CNR Pisa Ether	[ABB2]
R 192.12.195.rrr	UNISYS-ISF-7	Unisys ISF Net 7	[MS22]
R*192.12.196.rrr	AZMATH	AZMATH Net	[JC315]
D 192.12.197.rrr	ACATT-ETHER1	ADEA/CECOM Adv Tech	[47,ERK3]
D 192.12.198.rrr	ACATT-ETHER2	ADEA/CECOM Adv Tech	[47,ERK3]
D 192.12.199.rrr	LEWIS-ETHER1	ADEA/SRI Ft. Lewis	[47,ERK3]
D 192.12.200.rrr	SRI-PSON-10	ADEA/SRI Ft. Lewis	[47,ERK3]
D 192.12.201.rrr	SRI-PSON-11	ADEA/SRI Ft. Lewis	[47,ERK3]
D 192.12.202.rrr	SRI-PSON-12	ADEA/SRI Ft. Lewis	[47,ERK3]
D 192.12.203.rrr	SRI-PSON-13	ADEA/SRI Ft. Lewis	[47,ERK3]
D 192.12.204.rrr	SRI-PSON-14	ADEA/SRI Ft. Lewis	[47,ERK3]
R 192.12.205.rrr	OHIO-STATE1	Ohio State Univ	[RSD2]
R 192.12.206.rrr	INDIANA	Indiana-Bloomington	[BS69]
R 192.12.207.rrr	SUPERCOMP	SDSC-Super	[GKN1]
G*192.12.208.rrr	SUN-IPC	SUN-IPC Net	[BT5]
R 192.12.209.rrr	NSF	NSF Int Net	[FW17]
D 192.12.210.rrr	FSTC	Army FSTC Net	[BB64]
R 192.12.211.rrr	JVNC	NSF/JVNC Net	[SH37]
R 192.12.212.rrr	RAND-NET2	RAND-NET2	[JDG]
R 192.12.213.rrr	RAND-NET3	RAND-NET3	[JDG]
192.12.214.rrr	Unassigned	Unassigned	[NIC]
R 192.12.215.rrr	XDRENET	DRE X.25 Component	[TS31]
R 192.12.216.rrr	STEVENS-TECH	Stevens Inst of Tech	[47,RCM9]
C*192.12.217.rrr	KYFY-CARTO	Kummerly and Frey	[WH96]
C*192.12.218.rrr	KYFY-GEOGR	Kummerly and Frey	[WH96]
C*192.12.219.rrr	ARIA	Aria Intl Rsch Net	[FL27]
R 192.12.220.rrr	WISC-FERD	UWISC-IPNET	[47,EJN1]
192.12.221.rrr	Unassigned	Unassigned	[NIC]
192.12.222.rrr	Unassigned	Unassigned	[NIC]
R 192.12.223.rrr	WISC-OZNET	UWISC-IPNET	[47,EJN1]
R 192.12.224.rrr	WISC-OZES	UWISC-IPNET	[47,EJN1]
R 192.12.225.rrr-192.12.234.rrr		UWISC-IPNET	[47,EJN1]
R*192.12.235.rrr	IDA-NET	Comp Sc Linkoping S	[MSA1]
R 192.12.236.rrr	CITNET	CIT Camp Net	[47,CBR2]
R 192.12.237.rrr	HCSC-APOLLO	Honeywell CSC Apol	[2,DB322]
R*192.12.238.rrr	CU-BOULDER	CU Boulder Camp	[47,DCMW]
R*192.12.239.rrr	CU-ACS	CU ACS Net	[47,DCMW]
R*192.12.240.rrr	CU-ENGINEER	CU Eng Net	[47,DCMW]
R*192.12.241.rrr	CU-SUNET	CU Sun Net	[47,DCMW]
R*192.12.242.rrr	CU-CER	CU CER Net	[47,DCMW]
R*192.12.243.rrr	CU-OT	CU Off Tower	[47,DCMW]
R*192.12.244.rrr	CU-ENTERPRISE	CU ECE Sun Net	[47,DCMW]
R*192.12.245.rrr	CU-LASP	CU LASP Net	[47,DCMW]
R*192.12.246.rrr	CU-BOULDER	CU JILA Net	[47,DCMW]
R*192.12.247.rrr	TROTTINET	Phy Inst Univ-Zuerich	[US2]
R 192.12.248.rrr	ATD1	Harris ATD Net	[TS14]

R 192.12.249.rrr	ATD2	Harris ATD Net	[TS14]
R 192.12.250.rrr	MRNET	Minn Reg Net	[JAW34]

[RFC 1117](#)

Internet Numbers

August 1989

C*192.12.251.rrr	CDCNET-SDD	CDC SDD Test Net	[RAM57]
R*192.12.252.rrr	LL-VENET1	LL Venet1	[47,BC65]
R*192.12.253.rrr	LL-VENET2	LL Venet2	[47,BC65]
R*192.12.254.rrr	LL-APOLLO	LL Apol	[47,BC65]
R*192.12.255.rrr	LL-ENET	LL Enet	[47,BC65]
D 192.13.0.rrr-192.14.255.rrr		DODIIS Subnets	[AY5]
C*192.15.0.rrr-192.15.255.rrr		NBINET	[WW2]
G 192.16.0.rrr-192.16.15.rrr		LANLLAN	[47,PCW]
G 192.16.16.rrr	S3-ETHER1-NET	S3-ETHER1-NET	[47,PCW]
G 192.16.17.rrr-192.16.49.rrr		LANLLAN	[47,PCW]
R 192.16.50.rrr-192.16.71.rrr		RPI-LOCALNETS	[47,MS9]
R 192.16.72.rrr	THENET	Texas Higher Edu Net	[47,LSV]
R*192.16.73.rrr	LIFL	Lab d'Info Fond Lille	[ED54]
R 192.16.74.rrr	OTSTOKEN	OTSTOKEN Network	[47,DLN12]
C*192.16.75.rrr-192.16.122.rrr		CSC-Block	[47,SWR3]
R 192.16.123.rrr	SICSNET	Swedish Net	[JW302]
R*192.16.124.rrr-192.16.154.rrr		Swedish Net	[BE10]
R*192.16.155.rrr-192.16.166.rrr		CERN-Block	[BMS2]
R 192.16.167.rrr	YALE-HP-NET	YALE-HP-NET	[HML1]
D 192.16.168.rrr	PICANET3	Pica 3	[RFD1]
D 192.16.169.rrr	NRL-HUBNET	Exp Hubnet	[MPM]
192.16.170.rrr	Unassigned	Unassigned	[NIC]
R 192.16.171.rrr	MACOM	M/A-COM Net	[TSC11]
C*192.16.172.rrr	EIK-ENG	Eikonix Eng Net	[SW78]
D 192.16.173.rrr	CDA-LAN	Catalog Data Act LAN	[FJS3]
R 192.16.174.rrr	LL-MICRO-NET	LL Microelec Net	[GLD]
R 192.16.175.rrr	GUACC	GU Academic Net	[SA]
R 192.16.176.rrr	LSUNET	LSU Camp Ether	[CFB1]
C*192.16.177.rrr	FJINET	Flying J Inc Net	[CE41]
R*192.16.178.rrr	NTT-Y-ETHER	NTT-Y-LAB Ether Net	[RN29]
R*192.16.179.rrr	NTT-Y-APOLLO	NTT-Y-LAB Apol Net	[RN29]
192.16.180.rrr	Unassigned	Unassigned	[NIC]
R 192.16.181.rrr	LL-DSN-NET	LL Dist Sensor Net	[KLS24]
R*192.16.182.rrr	GTICS-SUNS	GT ICS Faculty Suns	[DD11]
R*192.16.183.rrr	WCW-LAN	WCW Camp Net	[JA]
R 192.16.184.rrr	CWI-ETHER	WCW Camp Net	[PB13]
R*192.16.185.rrr-192.16.202.rrr		WCW Camp Net	[JA]
R 192.16.203.rrr	HCSC-SUN	Honeywell CSC Sun	[DB322]
R 192.16.204.rrr	IASNET	Inst for Adv Study	[KHJ]

R*192.16.205.rrr-192.16.255.rrr	DRE Ottawa	[RB567]
R*192.17.0.rrr-192.17.4.rrr	NIBELUNG	[MA24]
R 192.17.5.rrr	UIUC-CSO-DCLNET	[MA24]
R*192.17.6.rrr-192.17.255.rrr	NIBELUNG	[MA24]
C*192.18.0.rrr-192.18.255.rrr	Sun MicroSys, Inc	[BN4]
C*192.19.0.rrr-192.19.255.rrr	SYSNET-2	[EY5]
C*192.20.0.rrr-192.20.255.rrr	ATT-MD-NET	[47,MH82]
C*192.21.0.rrr-192.21.255.rrr	FORMATIVE	[SAB17]
C*192.22.0.rrr-192.22.255.rrr	APPLICON	[AS90]

[RFC 1117](#)

Internet Numbers

August 1989

C*192.23.0.rrr-192.23.255.rrr	FACTRON Net	[JCB42]	
C*192.24.0.rrr-192.24.255.rrr	CHROMATICS	[RB219]	
R*192.25.0.rrr-192.25.255.rrr	Hewlett-Packard	[SI8]	
D*192.26.0.rrr	ACSAD	ACSAD Net	[SLH19]
R 192.26.1.rrr	MCC-ACA10	MCC DB1 Net	[CBD]
R 192.26.2.rrr	MCC-ACA11	MCC DB2 Net	[CBD]
R 192.26.3.rrr	MCC-ACA12	MCC DB3 Net	[CBD]
R 192.26.4.rrr	MCC-ACA13	MCC DB4 Net	[CBD]
R 192.26.5.rrr	MCC-ACA14	MCC DB5 Net	[CBD]
R 192.26.6.rrr	MCC-ACA15	MCC DB6 Net	[CBD]
R 192.26.7.rrr	SPAWAR	SPAWAR Sys Command	[JK7]
D 192.26.8.rrr	SAIC-CPVB	SAIC-CPVB	[MAW25]
R*192.26.9.rrr	ICOT	ICOT Local Net	[MY14]
R 192.26.10.rrr	GALLAUDET	Gallaudet Univ	[KBC]
D 192.26.11.rrr	NRL-HUBNET1	Exptal Hubnet 1	[MPM]
D 192.26.12.rrr	NRL-HUBNET2	Exptal Hubnet 2	[MPM]
D 192.26.13.rrr	NRL-HUBNET3	Exptal Hubnet 3	[MPM]
D 192.26.14.rrr	NRL-HUBNET4	Exptal Hubnet 4	[MPM]
D 192.26.15.rrr	NRL-HUBNET5	Exptal Hubnet 5	[MPM]
D 192.26.16.rrr	NRL-HUBNET6	Exptal Hubnet 6	[MPM]
D 192.26.17.rrr	NRL-HUBNET7	Exptal Hubnet 7	[MPM]
D 192.26.18.rrr	NRL-HUBNET8	Exptal Hubnet 8	[MPM]
D 192.26.19.rrr	NRL-HUBNET9	Exptal Hubnet 9	[MPM]
D 192.26.20.rrr	NSYPTSMH-LAN	NSY-PTSMH-LAN	[TSD3]
R 192.26.21.rrr	UNISYS-ISF-8	Unisys ISF Net 8	[MS22]
R 192.26.22.rrr	UNISYS-ISF-9	Unisys ISF Net 9	[MS22]
R 192.26.23.rrr	UNISYS-ISF-10	Unisys ISF Net 10	[MS22]
R 192.26.24.rrr	UNISYS-ISF-11	Unisys ISF Net 11	[MS22]
R 192.26.25.rrr	LUCID	Lucid Net	[BM68]
D 192.26.26.rrr	NRL-FIBER	NRL Fiber Optic Net	[WF3]
C*192.26.27.rrr	ICON-ETHER	ICON Intl Ether	[RH227]
R*192.26.28.rrr-192.26.47.rrr	EPFL		[YD2]

G*192.26.48.rrr	FORUM	Region 2 ISC Net	[MR101]
R 192.26.49.rrr	OTS-192-26-49	UTOTS Network	[47,LSV]
R*192.26.50.rrr-192.26.82.rrr		Silicon Graphics, Inc	[RB221]
R 192.26.83.rrr	CSM-NET	Colo School of Mines	[KL31]
R 192.26.84.rrr	NPRDC-FTC	NPRDC-FTC Rem Ether	[LRB]
R 192.26.85.rrr	NUSAN	NU Super Access Net	[JPD18]
R 192.26.86.rrr	PHYSICS-SAC	NU Phy	[JPD18]
R 192.26.87.rrr	MS-SAC	NU Material Sci SAC	[JPD18]
R 192.26.88.rrr	YALE-ENG-NET	YALE-ENG-NET	[HML1]
D 192.26.89.rrr	JTELS-BEN1-GW	JTELS-BEN1-GW	[RR26]
C*192.26.90.rrr	SYNTELNET-A	Syntelligence IPNET-A	[RAR22]
R*192.26.91.rrr	KDD	KDD Rsch Net	[TA24]
R*192.26.92.rrr	WRIGHT	Wright State Univ	[JLS45]
R 192.26.93.rrr	AECL-NET	NTT Atsugi Lab Net	[TK43]
R*192.26.94.rrr	NTT-AP-NET	NTT ECL Apol Net	[HM38]
R 192.26.95.rrr	LL-VLSI-NET	Lincoln Lab VLSI Net	[AHA]

R*192.26.96.rrr	FX-STC-NET2	FX-Tokyo-10BM-Net2	[SY8]
C*192.26.97.rrr	RCA-SNOOPY	Peanut Net	[RAR23]
C*192.26.98.rrr	TASC-CTC-NET	TASC Reading CTC Net	[KDM5]
C 192.26.99.rrr	FAI	FAI Local Net	[MWS10]
C 192.26.100.rrr	PROTEON-EXP1	Proteon Exp Net 1	[JS28]
C 192.26.101.rrr	PROTEON-EXP2	Proteon Exp Net 2	[JS28]
C 192.26.102.rrr	PROTEON-EXP3	Proteon Exp Net 3	[JS28]
D 192.26.103.rrr	EXNET	CECOM Exp Net	[MB31]
R*192.26.104.rrr-192.26.135.rrr		FINLAND	[JH141]
R 192.26.136.rrr	WASHINGTON-TEMP	Comp Sci Ether C	[NJB7]
192.26.137.rrr-192.26.146.rrr		SYR-MH-NET	[JW47]
R 192.26.147.rrr	WLV-ETHER	ETN-WLV-ETHER	[SMS1]
R 192.26.148.rrr	UMDNJ-NRAC	UMDNJ-NRAC-NJMS	[LPM]
R 192.26.149.rrr	LL43-LEX-SUNC	Grp43 Lexington Net C	[VBK]
R 192.26.150.rrr	LL43-TB-SUNA	Grp43 Testbed Net A	[VBK]
C*192.26.151.rrr	LATICORP	LatiCorp Net	[47,CC108]
R 192.26.152.rrr	FERNWOODNET1	Fernwood SLIP Net	[GE0F]
R*192.26.153.rrr	CONNCOLL	Conn College LAN	[SBB9]
C*192.26.154.rrr-192.26.173.rrr		Philips SERI Tech Net	[OK6]
R*192.26.174.rrr-192.26.193.rrr		Univ of Paderborn	[RF130]
G*192.26.194.rrr-192.26.209.rrr		FRB WorkSta Nets	[RPD5]
192.26.210.rrr-192.26.255.rrr		Unassigned	[NIC]
C*192.27.0.rrr-192.27.255.rrr		Hughes Air VLSI	[PH45]
C*192.28.0.rrr-192.28.99.rrr		MN Mining & Mfg Net	[LS103]
R*192.28.100.rrr-192.28.255.rrr		Ford Subnets	[FJB3]

C*192.29.0.rrr-192.29.255.rrr		Sun MicroSys, Inc	[BN4]
C*192.30.0.rrr-192.30.255.rrr		Hewlett-Packard	[18,26,SI8]
R 192.31.0.rrr	PURDUE-GEOSC	PURDUE-GEOSciS	[DT50]
C*192.31.1.rrr	CSD-GTE-LAN	CSD-GTE-LAN-NEEDHAM	[47,MM373]
R 192.31.2.rrr	YCC-SYS-LT	YCC Localtalk Net	[ASW3]
R 192.31.3.rrr	ALCOA-NET	Alcoa Rsch Net	[35,JOG]
C*192.31.4.rrr	I2-ETHER-3	I2 RCE Net	[47,CB42]
R 192.31.5.rrr	BOEING-ATC	Boeing BCS ATC LAN	[47,PM37]
C 192.31.6.rrr	SQ-ETHER	SoftQuad Inc LAN	[47,BG23]
C 192.31.7.rrr	CISCO-NET	cisco Sys Net	[47,KSL]
G 192.31.8.rrr	USNA-CADNET	US Naval Acad Net	[47,RAD15]
R 192.31.9.rrr	YALE-SUN2-NET	YALE-SUN2-NET	[RB187]
R 192.31.10.rrr	UTACC-ETHER1	US Army Europe Net	[47,EK18]
R 192.31.11.rrr	UTACC-ETHER2	US Army Europe Net	[47,EK18]
R 192.31.12.rrr	UTACC-ETHER3	US Army Europe Net	[47,EK18]
R 192.31.13.rrr	UTACC-ETHER4	US Army Europe Net	[47,EK18]
R 192.31.14.rrr	CUDENVER-TEMP	Denver Camp Net	[47,RH286]
C*192.31.15.rrr	CASETEK	CASE Tech, Inc	[47,PML1]
D 192.31.16.rrr	CC1-ENET	CENTCOM Ether	[47,GIH]
D 192.31.17.rrr	CENTCOM-TEST	CENTCOM-MILNET-LAN	[KMC3]
D 192.31.18.rrr	CC3-ENET	CENTCOM Ether	[47,GIH]
D 192.31.19.rrr	CC4-ENET	CENTCOM Ether	[47,GIH]
D 192.31.20.rrr	CC5-ENET	CENTCOM Ether	[47,GIH]

R 192.31.21.rrr	SDSC-APOLLO	SDSC Apol Ring	[2,GKN1]
C*192.31.22.rrr	SDCCARY	SAS Data Ctr - Cary	[DK5]
R*192.31.23.rrr	KULEUVEN-CS	Kuleuven Comp Sci	[47,JH18]
D 192.31.24.rrr	ALBM-NET	Lockheed ALBM Net	[47,NB16]
C*192.31.25.rrr	NBKNET-AI	Northbrook IPNET-AI	[JC272]
C*192.31.26.rrr	ISTNET	Imperial Soft Net	[47,NT12]
R 192.31.27.rrr	ALTAIR-NET	Inria ALTAIR ILOG	[OG4]
R 192.31.28.rrr	STEWARD-OBS	Steward Ob	[47,SS80]
R*192.31.29.rrr	AMDAHL-TTD	Amdahl Test Dev	[47,DR71]
R 192.31.30.rrr	ADS-DC-NET	ADS Wash	[47,WR66]
C*192.31.31.rrr	AXION-NET	BT Axion Net	[47,NT13]
C*192.31.32.rrr-192.31.36.rrr		NSKK Local Area Net	[47,AK36]
C*192.31.37.rrr	SDCAPOLL	SAS Data Ctr - Cary	[DK5]
C*192.31.38.rrr	TIATSPINE	TI Attleboro Spine	[WDR7]
R 192.31.39.rrr	UTAH-NSS	Utah Westnet NSS Net	[AC98]
R 192.31.40.rrr	YALE-SUN3-NET	YALE-SUN3-NET	[RB187]
R 192.31.41.rrr	YALE-RT-NET	YALE-RT-NET	[RB187]
R 192.31.42.rrr	YALE-RT2-NET	YALE-RT2-NET	[RB187]

R 192.31.43.rrr	CNSNET	Caltech-CNS Bio Net	[47,DC99]
C 192.31.44.rrr	MRC-NET	McLean Rsch Ctr	[WLG7]
R 192.31.45.rrr	WILLIAMS	Williams College	[47,DA106]
R*192.31.46.rrr	LFU_ETHER	Lab for Ultrasonics	[MRK14]
R 192.31.47.rrr-192.31.61.rrr		BAY Area Regional Net	[AB71]
R*192.31.62.rrr	SRI-CAM	SRI Cambridge UK	[47,AGS5]
R 192.31.63.rrr	SCUBED-BBONE	SCUBED-BBONE-NET	[47,TH60]
R 192.31.64.rrr	S3-RESEARCH	S3-Rsch-NET	[47,TH60]
R 192.31.65.rrr	S3-FIBER-NET	S3-FIBER-NET	[47,TH60]
R 192.31.66.rrr	S3-ABQNET	S3-ABQNET	[47,TH60]
R 192.31.67.rrr	S3-SLIP-NET	S3-SLIP-NET	[47,TH60]
R 192.31.68.rrr	S3-THIN-NET	S3-THIN-NET	[47,TH60]
R 192.31.69.rrr	S3-BBONE2-NET	S3-BBONE2-NET	[47,TH60]
R 192.31.70.rrr	S3-ETHER2-NET	S3-ETHER2-NET	[47,TH60]
R 192.31.71.rrr	S3-ETHER3-NET	S3-ETHER3-NET	[47,TH60]
R 192.31.72.rrr	S3-ETHER4-NET	S3-ETHER4-NET	[47,TH60]
C*192.31.73.rrr	MTEL-APOLLO	M/A-COM MTEL Apol	[47,TSC11]
C*192.31.74.rrr	GSD-PCNET	M/A-COM GSSD Apol	[47,MDP16]
D 192.31.75.rrr	HQDA-AI	Pentagon Army AI Net	[47,WAA6]
D 192.31.76.rrr	CSTLNET	Combat Sys Tech Lab	[MP20]
C*192.31.77.rrr	MAPNET	Mervine & Pallesen	[47,BH80]
C*192.31.78.rrr	WELLSNET-A1	Wells Fargo IPNET-A1	[47,JN47]
C*192.31.79.rrr	WACHOVIANET-AI	Wachovia IPNET-AI	[47,PMH3]
192.31.80.rrr	Unassigned	Unassigned	[NIC]
C*192.31.81.rrr	ICAD-ETHER	ICAD Core Ether	[CJ57]
D 192.31.82.rrr	HQEIS	HQ AFSC EIS	[47,SMK2]
R 192.31.83.rrr	OSUNET	OSU Camp Net	[PW37]
C*192.31.84.rrr	CUBI	Cubicomp Corp Net	[2,SFJ]
C 192.31.85.rrr	CLINET	Comp Logic Net	[47,WAH11]
R 192.31.86.rrr	WM-CS	William and Mary CS	[REN14]

R 192.31.87.rrr	HARC-NET	Houston Area Rsch Ctr	[JRS67]
R 192.31.88.rrr	BCMTECH-NET	BCM Tech Net	[47,SB98]
R 192.31.89.rrr	MIAMI-NET	Univ of Miami	[47,HWP2]
R 192.31.90.rrr	MORAVIAN	Moravian College	[JPS17]
R*192.31.91.rrr	NECAM-TEMP	NECAmerica	[ARS3]
R 192.31.92.rrr	CIT-CONTROL	Caltech Control Lab	[47,JD27]
R 192.31.93.rrr	CIT-SRLNET	Caltech SRL Net	[47,CJL2]
C*192.31.94.rrr	SYNTHESIS	Synthesis Net	[LL56]
R*192.31.95.rrr	UCCNET	UC Corp, Admin Net	[47,AC42]
G 192.31.96.rrr	ORNL-OSTINET	OSTI Local Area Net	[29,THD]
R 192.31.97.rrr	KSU-NET	Kansas State Univ	[47,MSM1]



D 192.31.98.rrr	PBAS-BEN2-GW	PBAS-BEN2-Gw	[RR26]
R 192.31.99.rrr	UTENNK-RES	Univ of Tenn-Knox	[JDC20]
D 192.31.100.rrr	GUNTER-LAN-1	EDS-ULANA-TEST-GUNTR	[TMD6]
R 192.31.101.rrr	TSU-NET	Texas Southern Univ	[47,AZ]
C*192.31.102.rrr	LEUZENET	Leuze Electronic Co	[FBR2]
R 192.31.103.rrr	CSNET-NET	CSNET Pt to Pt Net	[LL53]
192.31.104.rrr	Unassigned	Unassigned	[NIC]
R*192.31.105.rrr	UCC-PRO-UCB	UC Corp, Admin Net	[47,AC42]
D 192.31.106.rrr	NSWSES-NAVY	PORT-HUENEME-CBC	[MJJ1]
R*192.31.107.rrr	ASN428-NET	Alabama Cray-428 Net	[JRS48]
R*192.31.108.rrr	UCFCSNET	UCF CS Department Net	[47,TB64]
R*192.31.109.rrr	FREDONIA	SUC-FREDONIA	[JM278]
C*192.31.110.rrr	ADCAPOLL	Austin Data Ctr Apol	[RC113]
R*192.31.111.rrr	AIRMICS	AIRMICS Rsch Net	[DFH2]
R*192.31.112.rrr	TRINCOLL	Trinity-Hartford	[46,PS173]
C*192.31.113.rrr	ODYSSEY	Odyssey Rsch	[JH22]
C*192.31.114.rrr	DRINET	DRI Eng Net	[26,KB60]
C*192.31.115.rrr	FIRENET-AI	Fireman's Fund IPNET	[47,CO16]
R*192.31.116.rrr-192.31.124.rrr		Univ of Tokyo Net	[47,JM292]
R*192.31.125.rrr-192.31.144.rrr		DUT Net	[47,FD18]
R 192.31.145.rrr	SIGNET	Small IP Gw Net	[47,PGM]
R 192.31.146.rrr	UCR	UC Riverside	[47,DM157]
D 192.31.147.rrr	NUWESNET	NUWES-KEYPORT-LAN	[RM125]
C*192.31.148.rrr	AIGNET-AI	AIG IPNET-AI	[47,RK51]
C*192.31.149.rrr	WACNET-AI	1st Wachovia IPNET	[47,PMH3]
C*192.31.150.rrr	STPNET-AI	St. Paul IPNET-AI	[47,RLP30]
C*192.31.151.rrr	COGNITIONNET	CI-Headquarters	[47,DG177]
C 192.31.152.rrr	ROSENET	Rosetta Net	[47,SW73]
R 192.31.153.rrr	SALKNET	Salk Inst Net	[47,JO0]
R 192.31.154.rrr	UNMHC-DEV	U of NM Hyper Net	[47,KDZ]
R 192.31.155.rrr	GEOLOGY-NWU	Northwestern Geology	[47,JPD18]
R*192.31.156.rrr	CANISIUS-CS	Canisius Comp Sci	[47,MS101]
R 192.31.157.rrr	RTNET	C3P Ether Cube	[47,SC81]
D 192.31.158.rrr	DAITC-NET	Def Appl Info Tech	[47,CG24]
R 192.31.159.rrr	NYTGCYLAB	NYTGCYLAB	[47,SS110]
D 192.31.160.rrr	NUWES-C-NET	NUWES-KEYPORT-LAN	[RM125]
R 192.31.161.rrr	UCB-UCSC-NET	UCB-UCSC 56K Backup	[CF4]

192.31.162.rrr	Unassigned	Unassigned	[NIC]
R 192.31.163.rrr	C3P-NET	C3P SUN Subnet	[47,HLW7]
D 192.31.164.rrr	MO-NET	MITRE Omaha Net	[47,SM62]
R 192.31.165.rrr	NOAO-TUCSON	NOAO-TUCSON Ether	[47,SG1]

R*192.31.166.rrr	EUTEA	EUT-Elec-DEPT	[JVE2]
R*192.31.167.rrr	EUTES	EUT-Elec-DEPT-ES	[JVE2]
R*192.31.168.rrr	EUTEB	EUT-Elec-DEPT-EB	[JVE2]
R*192.31.169.rrr	EUTEEB	EUT-Elec-DEPT-EEB	[JVE2]
R*192.31.170.rrr	EUTEEA	EUT-Elec-DEPT-EEA	[JVE2]
R*192.31.171.rrr	EUTEX	EUT-Elec-DEPT-EX	[JVE2]
D 192.31.172.rrr	IH-POE-GW	IH-POE-GW	[47,LK27]
R 192.31.173.rrr	NORTHWESTNET	Wiche Northwest Net	[26,GK44]
D 192.31.174.rrr	CORONA-GW	FLEET-ANALYSIS-NET	[47,LM35]
C*192.31.175.rrr	ZAIAZ	ZAIAZ InterNatl	[47,WDW2]
R*192.31.176.rrr	CADR	CAD Rsch Net	[MA56]
R 192.31.177.rrr	THINK-INET-1	Thinking Machs Ether	[47,BN9]
R 192.31.178.rrr	THINK-INET-2	Thinking Machs Ether	[47,BN9]
R 192.31.179.rrr	THINK-INET-3	Thinking Machs Ether	[47,BN9]
R 192.31.180.rrr	THINK-INET-4	Thinking Machs Ether	[47,BN9]
R 192.31.181.rrr	THINK-INET-5	Thinking Machs Ether	[47,BN9]
R 192.31.182.rrr	THINK-INET-6	Thinking Machs Ether	[47,BN9]
R 192.31.183.rrr	THINK-INET-7	Thinking Machs Ether	[47,BN9]
R 192.31.184.rrr	THINK-INET-8	Thinking Machs Ether	[47,BN9]
R 192.31.185.rrr	THINK-INET-9	Thinking Machs Ether	[47,BN9]
R 192.31.186.rrr	THINK-INET-10	Thinking Machs Ether	[47,BN9]
R 192.31.187.rrr	THINK-INET-11	Thinking Machs Ether	[47,BN9]
R 192.31.188.rrr	THINK-INET-12	Thinking Machs Ether	[47,BN9]
R 192.31.189.rrr	THINK-INET-13	Thinking Machs Ether	[47,BN9]
R 192.31.190.rrr	THINK-INET-14	Thinking Machs Ether	[47,BN9]
R 192.31.191.rrr	THINK-INET-15	Thinking Machs Ether	[47,BN9]
R 192.31.192.rrr	SUPER	IDA Super Net	[47,RSH]
R 192.31.193.rrr	CUA	Catholic Univ	[47,ECM6]
R 192.31.194.rrr	YALE-RT3-NET	YALE-RT3-NET	[RB187]
R 192.31.195.rrr	YALE-CHAOS-NET	YALE-CHAOS-NET	[RB187]
R*192.31.196.rrr	SERC-NET	Purdue SERC Net	[26,DT50]
G*192.31.197.rrr-192.31.206.rrr		Electrotech Lab Nets	[36,TO4]
R 192.31.207.rrr	HCSC-SUN2	Honeywell CSDD Sun 2	[47,DB322]
D 192.31.208.rrr	CENTERNET-TEMP	NAVWPNSUPPCEN-LAN	[JA91]
C*192.31.209.rrr	PHRED	Physio Redmond	[47,MG95]
R 192.31.210.rrr	STSCI-C-NET	Space Telescope Net	[LAB5]
R 192.31.211.rrr	EMSE-INET	RES-LOC Mines Info	[47,JFC6]
C*192.31.212.rrr	LUCID-ETHER1	Lucid Ether 1	[47,LNZ]
C*192.31.213.rrr	LUCID-APOLLO	Lucid Apol Net	[47,LNZ]
R 192.31.214.rrr	ALASKANET	Univ of Alaska Net	[33,GK44]
R 192.31.215.rrr	MONTANANET	Montana State Univ	[33,GK44]
R 192.31.216.rrr	WSUNET	WSU Net	[33,GK44]
R 192.31.217.rrr	MCC-ACA1	MCC ACA1 Net	[47,CBD]
R 192.31.218.rrr	MCC-ACA2	MCC ACA2 Net	[47,CBD]

R 192.31.219.rrr	MCC-ACA3	MCC ACA3 Net	[47,CBD]
R 192.31.220.rrr	MCC-ACA4	MCC ACA4 Net	[47,CBD]
R 192.31.221.rrr	MCC-ACA5	MCC ACA5 Net	[47,CBD]
R*192.31.222.rrr	CAYMAN-IP	Cayman Sys IP Net	[47,BP52]
R*192.31.223.rrr	UNO-NET	Univ of New Orleans	[DES43]
C*192.31.224.rrr	HCR-ETHER	HCR Corp Net	[JR222]
D 192.31.225.rrr	MINSY-POE	MINSY-POE-NAVSHIPYD	[47,RWC34]
D 192.31.226.rrr	LOGAIRCOMNET	LOGAIR COMNET	[GT37]
C*192.31.227.rrr	KSR-ETHER-1	KSR Cambridge Ether 1	[47,BIM]
D 192.31.228.rrr	MONMOUTH-1	Ft. Monmouth Net-1	[47,GOA]
R*192.31.229.rrr	AMDAHL-DAPE	Amdahl Des Auto Phy	[47,JFD9]
R 192.31.230.rrr	INCSYS	Incremental Sys	[46,JS281]
R*192.31.231.rrr	VUCS-AMS	VU CS Net	[47,HVS1]
C*192.31.232.rrr	CFI-NET	CFI Ether	[47,SL47]
C*192.31.233.rrr	CNT-CORP	CNT Backbone Net	[47,RM176]
R 192.31.234.rrr	YALE-SUN4-NET	YALE-SUN4-NET	[HML1]
R 192.31.235.rrr	YALE-MISC-NET	YALE-MISC-NET	[HML1]
R 192.31.236.rrr	YALE-CS-NET	YALE-CS-NET	[HML1]
R 192.31.237.rrr	CIT-SEISMO	Caltech Seis Lab	[47,DN69]
D 192.31.238.rrr	NCP-LAN	NAVCOMPARS-DDN	[JM246]
D 192.31.239.rrr	SEACOMNET	NAVSEA Comm Net	[JH10]
C*192.31.240.rrr	LEXICON	Lexicon Etn	[MK75]
G 192.31.241.rrr	MSFC-DR-NET	MSFC Data Red Net	[47,MSM1]
R 192.31.242.rrr	DIALUP-IP	CSNET-DIALUP-IP-Net	[DBL1]
R*192.31.243.rrr	WRIGHT-SE	Wright State Univ	[47,JLS45]
C 192.31.244.rrr	Unassigned	Unassigned	[NIC]
D 192.31.245.rrr	BITS-NET	PENSACOLA-BITS-NET	[AM95]
C 192.31.246.rrr	MARBLE-NET	Marble R&D Int	[47,ME38]
C*192.31.247.rrr	CVBNET	CV Backbone Net	[47,AC66]
R*192.31.248.rrr	AJTNET	Aerojet Tustin Net	[47,RJH33]
C*192.31.249.rrr	ADELIE	Adelie Info Net	[47,BAB7]
C*192.31.250.rrr	THALATTA-NET	Thalatta Corp Net	[47,JPB17]
192.31.251.rrr	Unassigned	Unassigned	[NIC]
C*192.31.252.rrr	FTC-ETHER-A	Framentec Ether	[47,RS253]
R 192.31.253.rrr	CQENET	Quality Eng Net	[47,JPD18]
R 192.31.254.rrr	ALFREDNET	CERAMICSOFALFREDNET	[47,CLB36]
192.31.255.rrr	Reserved	Reserved	[JBP]
C*192.32.0.rrr-192.32.255.rrr		Wellfleet Customer	[AW56]
192.33.0.rrr	Unassigned	Unassigned	[NIC]
R*192.33.1.rrr	MTHOLYOKE	Mount Holyoke	[47,WB53]
C*192.33.2.rrr	MRST-NET	MRS Tech Net	[18,ER42]
D 192.33.3.rrr	DDN-OFFICE	DDN Program Off Net	[47,MCSJ]
R 192.33.4.rrr	NYSERLAN	NYSERNETLAN	[47,MS9]
D 192.33.5.rrr	CAC-CEN1	CAC Concept Eval Net	[26,BG25]
D 192.33.6.rrr	CAC-CEN2	CAC Concept Eval Net	[26,BG25]
D 192.33.7.rrr	CAC-CEN3	CAC Concept Eval Net	[26,BG25]
D 192.33.8.rrr	CAC-CEN4	CAC Concept Eval Net	[26,BG25]

[RFC 1117](#)

Internet Numbers

August 1989

R 192.33.10.rrr	NOAO-KPNO	NOAO-KPNO Ether	[47,SG1]
R 192.33.11.rrr	NOAO-ORION	NOAO-Tucson-Orion	[47,SG1]
R*192.33.12.rrr	HAMPSHIRE	Hampshire College	[47,PT23]
D 192.33.13.rrr	BRL-CDCNET	BRL CDC Local Net	[RR33]
R 192.33.14.rrr	CIT-WAG-NET	CIT W.A. Goddard Net	[RED22]
C*192.33.15.rrr	CHORUS-OPERA	Chorus Sys Int Net	[47,SL68]
R*192.33.16.rrr	COGNET	COGS Rsch Net	[47,RS255]
R 192.33.17.rrr	CALTECH-AMA	Applied Math Net	[47,DIM2]
R 192.33.18.rrr	NORTHDAKOTA	North Dakota HEC Net	[BN33]
R*192.33.19.rrr	SERI	Solar Ener Rsch Net	[47,AM92]
C*192.33.20.rrr	AUX-DEFAULT	Default Net for A/UX	[47,HK24]
C 192.33.21.rrr	RISC-ANAHEIM	Rockwell Sci Ctr	[47,WAG5]
C*192.33.22.rrr	PORTAL	The Portal Sys	[47,JL115]
R 192.33.23.rrr	ROUTETEST0	Routing Testing Nets	[SSW]
R 192.33.24.rrr	ROUTETEST1	Routing Testing Nets	[SSW]
R 192.33.25.rrr	ROUTETEST2	Routing Testing Nets	[SSW]
R 192.33.26.rrr	ROUTETEST3	Routing Testing Nets	[SSW]
R 192.33.27.rrr	ROUTETEST4	Routing Testing Nets	[SSW]
R 192.33.28.rrr	ROUTETEST5	Routing Testing Nets	[SSW]
R 192.33.29.rrr	ROUTETEST6	Routing Testing Nets	[SSW]
R 192.33.30.rrr	ROUTETEST7	Routing Testing Nets	[SSW]
R 192.33.31.rrr	ROUTETEST8	Routing Testing Nets	[SSW]
R 192.33.32.rrr	ROUTETEST9	Routing Testing Nets	[SSW]
D 192.33.33.rrr	NICNET	Net Info Ctr Net	[47,MKL]
192.33.34.rrr	Reserved	Reserved	[NIC]
C*192.33.35.rrr	MIZAR	Mizar Dig Sys	[47,MCL9]
R*192.33.36.rrr	VUPHYS-AMS	VU PHYS LAN	[47,FU1]
C*192.33.37.rrr-192.33.86.rrr		BOEING-LOCALNETS	[47,SGR1]
R*192.33.87.rrr-192.33.111.rrr		ETH Nets	[47,MA63]
C 192.33.112.rrr	TIS-NET	TIS Net	[47,DID1]
C*192.33.113.rrr	MYBULL	MASSY-BULL-SUPPORT	[47,CM116]
C*192.33.114.rrr	MYDEMO	MASSY-BULL-DEMO	[47,CM116]
R 192.33.115.rrr	NRAO-CV	NRAO-CV Ether	[47,DCW9]
R*192.33.116.rrr	NRAO-GB	NRAO-GB Ether	[47,MC147]
R*192.33.117.rrr	NRAO-VLA	NRAO-VLA Ether	[47,BP57]
R*192.33.118.rrr-192.33.127.rrr		PSI Nets	[47,BH103]
R 192.33.128.rrr	BNL-AGS	BNL-AGS Apol	[SM111]
192.33.129.rrr	Unassigned	Unassigned	[NIC]
C*192.33.130.rrr	SPHINX	Sphinx, Maidenhead	[47,BM106]
C*192.33.131.rrr	PHIL-CE	Philips CE	[47,HB60]

C*192.33.132.rrr	STEREOLITHO	DEC Stereolitho Net	[47,EM67]
192.33.133.rrr	Unassigned	Unassigned	[NIC]
C*192.33.134.rrr	ESOSUN	SAIC GeoPhy Net	[47,PW49]
G*192.33.135.rrr	AIST-LAN	AIST-LAN-TSUKUBA	[47,MK79]
R*192.33.136.rrr	KUBNET	KUBNET Camp Net	[TN17]
R*192.33.137.rrr	CT-ETHER	CT Ether	[26,CS136]
R*192.33.138.rrr	CT-ATALK	CT Appletalk Net	[26,CS136]
R 192.33.139.rrr	CLEMSON-CS	CLEMSON-CS	[47,CR83]

[RFC 1117](#)

Internet Numbers

August 1989

R 192.33.140.rrr	SAO-NET	Smithsonian Astro Ob	[47,KG35]
R 192.33.141.rrr	SAO1-NET	Smithsonian Astro Ob	[47,KG35]
R 192.33.142.rrr	SAO2-NET	Smithsonian Astro Ob	[47,KG35]
R*192.33.143.rrr	FNET	French Unix Users	[26,AR41]
R 192.33.144.rrr	CERISI-NET	FNET-CERISI-ESSI-ISI	[26,AR41]
R 192.33.145.rrr	FNET-LIFO	French Unix Users	[26,AR41]
R 192.33.146.rrr	FNET-LAAS	French Unix Users	[26,AR41]
R*192.33.147.rrr	FNET2	French Unix Users	[26,AR41]
R 192.33.148.rrr	FNET-GRECO	French Unix Users	[26,AR41]
R 192.33.149.rrr	CMA-NET	FNET-CMA	[26,AR41]
R*192.33.150.rrr-192.33.152.rrr		French Unix Users	[26,AR41]
R 192.33.153.rrr	FNET-ENS-LYON	French Unix Users	[26,AR41]
R*192.33.154.rrr-192.33.155.rrr		French Unix Users	[26,AR41]
R 192.33.156.rrr	UNIV-PARIS8	French Unix Users	[26,AR41]
R*192.33.157.rrr-192.33.158.rrr		French Unix Users	[26,AR41]
R 192.33.159.rrr	FNET-CNAM	French Unix Users	[26,AR41]
R*192.33.160.rrr-192.33.166.rrr		French Unix Users	[26,AR41]
R 192.33.167.rrr	FNET-CRIN	French Unix Users	[26,AR41]
R 192.33.168.rrr	INRIA-LORR	French Unix Users	[26,AR41]
R*192.33.169.rrr	FNET7	French Unix Users	[26,AR41]
R 192.33.170.rrr	INRIA-FRANCE	French Unix Users	[26,AR41]
R*192.33.171.rrr-192.33.180.rrr		French Unix Users	[26,AR41]
R 192.33.181.rrr	U-PARIS6-7	French Unix Users	[26,AR41]
R 192.33.182.rrr	UNIV-PARIS13	French Unix Users	[26,AR41]
D 192.33.183.rrr	SAPE-MOBILE	RADC-SAPE-Mob-NODE	[47,CAD13]
D 192.33.184.rrr	SAPE-PRNODE	RADC-SAPE-PR-NET	[4,CAD13]
G 192.33.185.rrr	SAAD-ARPA	ISC-SAC-SAAD	[DRM24]
G 192.33.186.rrr	USACEC-NET	USACEC DDN-OSI GW	[47,DEA]
C*192.33.187.rrr	INNONET	Innovative Lib Net	[47,JW181]
R*192.33.188.rrr	TG-ETHER	Teledyne Geotech	[47,DC115]
C 192.33.189.rrr	FX-NET	FX Corp Net	[47,EJ19]
C*192.33.190.rrr	TCP-SECURE	TCP Secure Net	[47,AW65]
C*192.33.191.rrr	WEST	West, Inc Symbolics	[BML2]

R*192.33.192.rrr	EPFL-DOMAIN-ME	ME Students	Apo1 Sta	[47,YD2]
R*192.33.193.rrr	EPFL-DOMAIN-MA	MA Students	Apo1 Sta	[47,YD2]
R*192.33.194.rrr	EPFL-DOMAIN-MX	MX Students	Apo1 Sta	[47,YD2]
R*192.33.195.rrr	EPFL-DOMAIN-EL	EL Students	Apo1 Sta	[47,YD2]
R*192.33.196.rrr	EPFL-DOMAIN-GC	GC Students	Apo1 Sta	[47,YD2]
R*192.33.197.rrr	EPFL-DOMAIN-PH	PH Students	Apo1 Sta	[47,YD2]
R*192.33.198.rrr	EPFL-DOMAIN-CH	CH Students	Apo1 Sta	[47,YD2]
R*192.33.199.rrr	EPFL-DOMAIN-DA	DA Students	Apo1 Sta	[47,YD2]
R*192.33.200.rrr	EPFL-DOMAIN-GR	GR Students	Apo1 Sta	[47,YD2]
R*192.33.201.rrr	EPFL-DOMAIN-CC	CC Students	Apo1 Sta	[47,YD2]
R*192.33.202.rrr	EPFL-APPLE-ME	ME Students	Mac Sta	[47,YD2]
R*192.33.203.rrr	EPFL-APPLE-MA	MA Students	Mac Sta	[47,YD2]
R*192.33.204.rrr	EPFL-APPLE-MX	MX Students	Mac Sta	[47,YD2]
R*192.33.205.rrr	EPFL-APPLE-EL	EL Students	Mac Sta	[47,YD2]
R*192.33.206.rrr	EPFL-APPLE-GC	GC Students	Mac Sta	[47,YD2]

[RFC 1117](#)

Internet Numbers

August 1989

R*192.33.207.rrr	EPFL-APPLE-PH	PH Students	Mac Sta	[47,YD2]
R*192.33.208.rrr	EPFL-APPLE-CH	CH Students	Mac Sta	[47,YD2]
R*192.33.209.rrr	EPFL-APPLE-DA	DA Students	Mac Sta	[47,YD2]
R*192.33.210.rrr	EPFL-APPLE-GR	GR Students	Mac Sta	[47,YD2]
R*192.33.211.rrr	EPFL-APPLE-CC	CC Students	Mac Sta	[47,YD2]
R*192.33.212.rrr-192.33.231.rrr		Univ of Geneva		[17,26,AS116]
C*192.33.232.rrr-192.33.239.rrr		Dig Analysis Nets		[CB19]
R*192.33.240.rrr	SRHYPER	Savannah Riv Plt Net		[MJ33]
C*192.33.241.rrr-192.33.250.rrr		SMI, Atlanta Reg Net		[47,KD36]
C*192.33.251.rrr	ISA-NET	ISA Co Net		[47,CJB15]
R 192.33.252.rrr	CLEMSON-CSD	Clemson Univ CSD Net		[47,CR83]
R*192.33.253.rrr	CANISIUS-CC	Canisius Comp Ctr		[47,LD46]
C*192.33.254.rrr	RMI-NET	RMI Net Comm & Ret Sys		[RM213]
192.33.255.rrr	Reserved	Reserved		[JBP]
C*192.34.0.rrr-192.34.255.rrr		Hewlett-Packard		[SI8]
C*192.35.0.rrr-192.35.19.rrr		Nixdorf Net		[PD39]
C*192.35.20.rrr-192.35.43.rrr		GE-Int		[47,JEB50]
C 192.35.44.rrr	GECRD-ISONET	GE CRD		[47,JEB50]
C*192.35.45.rrr	MSDCNET	MSDC Corp Net		[47,PNW]
C*192.35.46.rrr	GMHGATE	GMH Med Sys Gw		[47,PNW]
C*192.35.47.rrr	GMHNET	GMH Med Sys Net		[47,PNW]
R 192.35.48.rrr	VIRGINIA-T1	Univ of Virginia		[47,JAJ17]
R 192.35.49.rrr	VIRGINIA-T2	Univ of Virginia		[47,JAJ17]
C*192.35.50.rrr	CLARIS-NET	Claris Corp		[26,CM130]
R*192.35.51.rrr	CARLETON	Carleton College Net		[BA41]
C 192.35.52.rrr	LACHMAN-NET	LACHMAN-NET		[SA65]

C 192.35.53.rrr	LAI-TCP	Lachman TCP/IP Dev	[SA65]
C 192.35.54.rrr	LAI-MAC	Lachman Mac Net	[SA65]
C 192.35.55.rrr	LAI-ISDN	Lachman ISDN Dev	[SA65]
C 192.35.56.rrr	LAI-SLIP	Lachman SLIP Dev	[SA65]
C 192.35.57.rrr	LAI-STG	Lachman Soft Tech Grp	[SA65]
R*192.35.58.rrr	ENSUN	ENSCO Sun Net	[SC136]
R*192.35.59.rrr	AAII	Australian AI Inst	[DM249]
C*192.35.60.rrr	ASCENT	Ascent Tech	[EB33]
D 192.35.61.rrr	DTIC-NET	Def Technical Info Ctr	[MS270]
D 192.35.62.rrr	NOSL-POE	NOSL-POE-GW	[47,DB211]
R*192.35.63.rrr-192.35.72.rrr		UniDo Camp Net	[47,RV32]
C*192.35.73.rrr	OPTICOM	Opticom CorpInt	[CJB1]
D 192.35.74.rrr	FOTLANHS	FOTLANHS-MONMOUTH	[26,FJH1]
D 192.35.75.rrr	FOTLANMS	FOTLANMS-MONMOUTH	[26,FJH1]
D 192.35.76.rrr	FOTLANLS	FOTLANLS-MONMOUTH	[26,FJH1]
C*192.35.77.rrr	GM-AES-NET	GM AES Net	[47,DS229]
R*192.35.78.rrr	IRIS-RING	IRIS Headquarters	[47,JFS22]
R 192.35.79.rrr	CCFNET	CCF Net	[26,47,EM75]
D 192.35.80.rrr	NUSC-V702M-1	NUSC V702M Local Net	[33,SR77]
R 192.35.81.rrr	UWP-IPNET	UW-Parkside IP Net	[47,TVF1]
R 192.35.82.rrr	CORNELL-DMZ	Cornell Ext Ether	[47,JCH17]
C*192.35.83.rrr	SDCCARY2	SAS Data Ctr Cary Two	[RC113]

[RFC 1117](#)

Internet Numbers

August 1989

C*192.35.84.rrr	BDM-MCLEAN	BDM Corp, McLean	[47,JS167]
R*192.35.85.rrr	MCGILL-TMP01	McGill Kludge Net 1	[MOUSE]
R 192.35.86.rrr	UMN-MORRIS-NET	Univ of Minn Morris	[47,MV01]
C*192.35.87.rrr	CMPNET	Conn Mach Prod Net	[GC89]
R 192.35.88.rrr	ADEL02-NET	Adelphi Site LABCOM	[47,CM115]
R 192.35.89.rrr	YCC-SYS-TR	YCC Sys Token Ring	[HKG2]
C*192.35.90.rrr	NLCVX-NET	CONVEX-DEMO-LAN	[SN52]
C*192.35.91.rrr	CSR-NET	CSR Demo Net	[47,HKG2]
C*192.35.92.rrr	UNISYS-HPW-1	Unisys HPW Net 1	[47,MS22]
C*192.35.93.rrr	UNISYS-HPW-2	Unisys HPW Net 2	[47,MS22]
G*192.35.94.rrr	RSRE-SLAN	RSRE Site LAN	[47,B05]
R 192.35.95.rrr	HCSC-APPLE	CSDD APPLETALK	[DB322]
R 192.35.96.rrr	UOKECNA	Univ of Okla, ECN-A	[JW136]
R 192.35.97.rrr	UOKECNB	Univ of Okla, ECN-B	[JW136]
R 192.35.98.rrr	UOKECNC	Univ of Okla, ECN-C	[JW136]
D 192.35.99.rrr	WSMR-NET3	WSMR-ARMTE-NET	[26,RHM11]
R*192.35.100.rrr	SHI-ETHER	Sci Horizons Ether	[47,MB168]
R 192.35.101.rrr	KEYSTONE-NET	Keystone-Acres-Net	[47,GR11]
C*192.35.102.rrr	IBINET	InfoBuilders Net	[KM79]

C*192.35.103.rrr	SONET	Sinclair Optics Net	[47,SWW6]
R 192.35.104.rrr	CIT-OPTICS	CIT Optics Net	[47,AY10]
C*192.35.105.rrr	POCI	Pocatello Des Grp Net	[MA56]
R*192.35.106.rrr	LMSC-LAMS	Lockheed Marine Sys	[47,GMT6]
R*192.35.107.rrr	NOVANET	Nova Camp Net	[47,JPO4]
C*192.35.108.rrr	SGI-UK	Silicon Graphics UK	[RA94]
C*192.35.109.rrr-192.35.126.rrr		Apol-GW-NET	[S JL]
G*192.35.127.rrr	TRLNET	TELECOM-AUST-RES-NET	[47,PJT9]
G*192.35.128.rrr	NESDIS-NET	NOAA NESDIS NET	[47,MSM1]
G*192.35.129.rrr	WWB-NET	NOAA WORLD WEATHER	[47,MSM1]
C*192.35.130.rrr	WANG-CAD	WANG-CAD	[WWP8]
C*192.35.131.rrr	WANG-TEST	WANG-TEST	[WWP8]
D*192.35.132.rrr	WANG-TLAN	WANG-TLAN	[WWP8]
R*192.35.133.rrr	WANG-WITA	WANG-WITA	[WWP8]
R*192.35.134.rrr	LL-DIV7	Lincoln Lab Div 7	[47,BC65]
R*192.35.135.rrr	LL-DIV9	Lincoln Lab Div 9	[47,BC65]
R*192.35.136.rrr	LL-GR47-ADT	Lincoln Lab Grp 47	[47,BC65]
R*192.35.137.rrr	LL-GR47-RPV	Lincoln Lab Grp 47	[47,BC65]
C*192.35.138.rrr	SPIDER	Spider Sys R&D Net	[AD67]
R*192.35.139.rrr	PAGODA	KAIST Pagoda Net	[47,JK151]
R 192.35.140.rrr	WWU-NET	WWU Comp Sci Net	[26,PAN1]
C*192.35.141.rrr	QUADRON	Quadron Dev Net	[47,HP32]
D 192.35.142.rrr	YKTNPOE-GW	YKTNPOE-GW-NWS	[47,WRR5]
R*192.35.143.rrr	UHCL	UHCL LAN	[47,JCN10]
R 192.35.144.rrr	DREV-ENET	DRE Val Cartier LAN	[47,TS31]
G*192.35.145.rrr	HAWAII-UHCC	UHCC Local Net	[47,TN11]
R*192.35.146.rrr	ARCO-CNR	Cibernetica Net	[47,MF96]
D 192.35.147.rrr	WVA-1	Watervliet Ars	[JEG27]
D 192.35.148.rrr	CSDA-NET	CSDA Net	[47,LJC2]

R*192.35.149.rrr	GMD-FOKUS	GMD-FOKUS LAN	[26,SW111]
R*192.35.150.rrr	GMD-FIRST	GMD-FIRST LAN	[26,SW111]
R*192.35.151.rrr	GMD-FOKUS-A	GMD-FOKUS-A Exp LAN	[26,SW111]
R*192.35.152.rrr	GMD-FOKUS-B	GMD-FOKUS Gw Net	[26,SW111]
R*192.35.153.rrr	GMD-FIRST-A	GMD-FIRST Exp LAN	[26,SW111]
D 192.35.154.rrr	RIA-2-NET	RIA-2 Gw	[TC72]
R*192.35.155.rrr	ASNCRAY-NET	Alabama Cray Net	[26,47,JRS48]
C 192.35.156.rrr	QUALNET2	QUALCOMM Ether Net-2	[47,VH21]
R*192.35.157.rrr	NWNET1	Northwestnet NSS1	[26,GK44]
R*192.35.158.rrr	NWNET2	Northwestnet NSS2	[26,GK44]
R 192.35.159.rrr	TACTICS-INTA	TACTICS TEST NET 1	[47,GMR]
R 192.35.160.rrr	TACTICS-GRAT	TACTICS TEST NET 2	[47,GMR]



R 192.35.161.rrr	NBB1	NSFNET-BB-SPT-1	[HWB]
R 192.35.162.rrr	NBB2	NSFNET-BB-SPT-2	[HWB]
R 192.35.163.rrr	NBB3	NSFNET-BB-SPT-3	[HWB]
R 192.35.164.rrr	NBB4	NSFNET-BB-SPT-4	[HWB]
R 192.35.165.rrr	NBB5	NSFNET-BB-SPT-5	[HWB]
R 192.35.166.rrr	NBB6	NSFNET-BB-SPT-6	[HWB]
R 192.35.167.rrr	NBB7	NSFNET-BB-SPT-7	[HWB]
R 192.35.168.rrr	NBB8	NSFNET-BB-SPT-8	[HWB]
R 192.35.169.rrr	NBB9	NSFNET-BB-SPT-9	[HWB]
R 192.35.170.rrr	NBB10	NSFNET-BB-SPT-10	[HWB]
R 192.35.171.rrr	MIDNET-NET2	Midwest Reg Net	[DF90]
R*192.35.172.rrr	BRISPOLY	BRISPOLY	[26,PE25]
R 192.35.173.rrr	MCC-CAD4	MCC CAD4 Net	[47,CBD]
R 192.35.174.rrr	MCC-CAD5	MCC CAD5 Net	[47,CBD]
R 192.35.175.rrr	MCC-CAD6	MCC CAD6 Net	[47,CBD]
R 192.35.176.rrr	MCC-CAD7	MCC CAD7 Net	[47,CBD]
R 192.35.177.rrr	MCC-CAD8	MCC CAD8 Net	[47,CBD]
R 192.35.178.rrr	MCC-CAD9	MCC CAD9 Net	[47,CBD]
R 192.35.179.rrr	MCC-CAD10	MCC CAD10 Net	[47,CBD]
R 192.35.180.rrr	NWNET3	Northwestnet NSS3	[26,GK44]
R*192.35.181.rrr	NWNET4	Northwestnet NSS4	[26,GK44]
C*192.35.182.rrr	KCCS-ETHER	KCCS Net Backbone	[47,KC40]
R*192.35.183.rrr-192.35.192.rrr		VU CS Net	[47,HVS1]
G*192.35.193.rrr	PNL-SNET	Pacific NW Lab Net	[47,SCT2]
C*192.35.194.rrr	JAR-NET	JAR Ether	[47,PJ29]
R 192.35.195.rrr	ARIZONA-CMI	CMI/BPA Token Ring	[JMS56]
G 192.35.196.rrr	NARDAC-NET	NARDACNET-DC	[SW69]
C*192.35.197.rrr	ISTCAMNET	Imperial Soft Cambridge	[47,NT12]
C*192.35.198.rrr	ISTREDNET	Imperial Soft Reading	[47,NT12]
R*192.35.199.rrr	NEWCASTLEUNI	Univ of Newcastle	[47,DM232]
R 192.35.200.rrr	NOAO-SUNSPOT	NOAO-NSO-SUNSPOT	[47,RM320]
R 192.35.201.rrr	HAWAII-HIG	UH HIG Net	[47,TN11]
R 192.35.202.rrr	HAWAII-RIFT	UH RIFT Net	[47,TN11]
R 192.35.203.rrr	ECE-ARIZ	Ariz ECE CAD Lab	[47,CMG9]
C*192.35.204.rrr	AAEC	Atlantic Aero Net	[47,TS118]
R*192.35.205.rrr	EAPSNET	EAPS Main Net	[47,AB115]

R*192.35.206.rrr	APOLLONET	Apol Ring Net	[47,AB115]
R*192.35.207.rrr	CSTCDIE	Comp Sci TCD Net	[47,MN36]
D 192.35.208.rrr	LM-HN-MCC	LMSC-HOSTNET-MCC	[26,SJ55]
R*192.35.209.rrr	UCOP-K3RDNET	UCOP Kaiser 3rd Floor	[CL64]
R*192.35.210.rrr	UCOP-K4THNET	UCOP Kaiser 4th Floor	[CL64]

R*192.35.211.rrr	UCOP-K5THNET	UCOP Kaiser 5th Floor	[CL64]
R*192.35.212.rrr	UCOP-K6THNET	UCOP Kaiser 6th Floor	[CL64]
R*192.35.213.rrr	UCOP-K8THNET	UCOP Kaiser 8th Floor	[CL64]
R*192.35.214.rrr	UCOP-PR80NET	UCOP Kaiser Pronet	[CL64]
R*192.35.215.rrr	UCDLA-FE1NET	UCDLA Front End 1Net	[CL64]
R*192.35.216.rrr	UCDLA-FE2NET	UCDLA Front End 2Net	[CL64]
R*192.35.217.rrr	UCDLA-UHNET	UCDLA U-Hall Net	[CL64]
R*192.35.218.rrr	UCDLA-IINET	UCDLA UCI Imp Net	[CL64]
R*192.35.219.rrr	UCDLA-SDINET	UCDLA UCSD Imp Net	[CL64]
R*192.35.220.rrr	UCDLA-SCINET	UCDLA UCSC Imp Net	[CL64]
R*192.35.221.rrr	UCDLA-SFINET	UCDLA UCSF Imp Net	[CL64]
R*192.35.222.rrr	UCDLA-SBINET	UCDLA UCSB Imp Net	[CL64]
R*192.35.223.rrr	UCDLA-RINET	UCDLA UCR Imp Net	[CL64]
R*192.35.224.rrr	UCDLA-SINET	UCDLA SAC Imp Net	[CL64]
R*192.35.225.rrr	UCDLA-LAINET	UCDLA UCLA Imp Net	[CL64]
R*192.35.226.rrr	UCDLA-DINET	UCDLA UCD Imp Net	[CL64]
R*192.35.227.rrr	UCDLA-BINET	UCDLA UCB Imp Net	[CL64]
R*192.35.228.rrr	UCDLA-NLFNET	UCDLA NRLF Net	[CL64]
R*192.35.229.rrr	RWTH-INFO	RWTH Informatik	[47,GB133]
192.35.230.rrr-192.35.255.rrr		Unassigned	[NIC]
R*192.36.0.rrr-192.36.124.rrr		Swedish Net	[BE10]
R 192.36.125.rrr	SUNET-BACKBONE	Swedish Net	[AH94]
R*192.36.126.rrr-192.36.142.rrr		Swedish Net	[BE10]
R 192.36.143.rrr	STOCKHOLM-BACKBONE	Swedish Net	[AH94]
R*192.36.144.rrr-192.36.147.rrr		Swedish Net	[BE10]
R 192.36.148.rrr	NORDUNET-BACKBONE	Swedish Net	[AH94]
R*192.36.149.rrr-192.36.255.rrr		Swedish Net	[BE10]
C*192.37.0.rrr-192.37.255.rrr		CIBA-GEIGY AG	[17,HN3]
R*192.38.0.rrr-192.38.255.rrr		Danish Net	[JPS21]
C*192.39.0.rrr-192.39.255.rrr		Unisys WW Net	[47,CC129]
C*192.40.0.rrr-192.40.49.rrr		Hewlett-Packard	[18,26,DCL10]
R 192.40.50.rrr	MBARI-NET	MBARI Net	[HW56]
C*192.40.51.rrr-192.40.255.rrr		Hewlett-Packard	[18,26,DCL10]
C*192.41.0.rrr-192.41.101.rrr		ICON Intl Ether	[47,RH227]
R*192.41.102.rrr-192.41.131.rrr		Edinburgh Univ	[26,WSC5]
R*192.41.132.rrr-192.41.136.rrr		Univ of Zurich	[47,GP88]
C*192.41.137.rrr	VERDIX-NET	Verdix Corp Net	[47,LD4]
192.41.138.rrr	Unassigned	Unassigned	[NIC]
R*192.41.139.rrr	BBN-SYSENGRC	BBN-SYSENG-TESTLABC	[DW159]
R 192.41.140.rrr	STC-LAN	STC Ether LAN	[47,JFW]
R*192.41.141.rrr-192.41.145.rrr		Univ of St. Gallen	[47,PG62]
R*192.41.146.rrr	CSISRING	CSIS Token Ring Net	[26,SM164]
R*192.41.147.rrr	FBIHH	FBIHH Ether	[47,RDM25]

G*192.41.148.rrr	CITY-CALGARY	City of Calgary Net	[26,AK62]
R*192.41.149.rrr-192.41.160.rrr		Univ of Berne	[47,FB61]
C*192.41.161.rrr	ACS-DC-NET	Amer Chem Society DC	[TR62]
192.41.162.rrr	Unassigned	Unassigned	[NIC]
C*192.41.163.rrr	GURUNET	Guru Resources Net	[47,KDZ]
C*192.41.164.rrr-192.41.169.rrr		Unisys ISF Nets	[47,MS22]
R*192.41.170.rrr	AIT-CS-NET	Asian Inst of Tech	[47,TK60]
R 192.41.171.rrr	JVNCNET-TEST	JVNCNET Test Net	[SH37]
C*192.41.172.rrr	CSPI	CSPI	[47,GLC18]
R 192.41.173.rrr	PENNLNK	PENNLNK	[47,TES16]
R 192.41.174.rrr	AMBLER	AMBLER	[47,TES16]
R 192.41.175.rrr	TYLER	TYLER	[47,TES16]
R 192.41.176.rrr	TEMPLE-RC	TEMPLE-RC	[47,TES16]
R 192.41.177.rrr	SURA-NOC	SURANET-OPERATIONS	[47,MO48]
R*192.41.178.rrr-192.41.197.rrr		Univ of Tokyo Net	[47,JM292]
C*192.41.198.rrr	TYMNET-TTE	TYMNET Training Net	[JM451]
C*192.41.199.rrr	CONTEX	Contex Graphics Net	[47,SL97]
R 192.41.200.rrr	NIEHS	NIEHS	[47,SM157]
C*192.41.201.rrr	HSA-SLNET	Holt Soft Net	[SP69]
D 192.41.202.rrr	LBNS-POE	LBNS-POE-GW	[47,DC145]
C*192.41.203.rrr	SOFTWAY-NET	Softway Pty Ltd Net	[47,CM153]
G 192.41.204.rrr	EROS-NET	USGS EROS Data Ctr	[47,MSM1]
C*192.41.205.rrr	VERDIX-HQ	Verdix Headquarters	[47,CG24]
R*192.41.206.rrr	UI-NETLAB	Indonesia UI-NETLAB	[AT62]
D 192.41.207.rrr	NESEA-NET	Naval Activity Net	[26,DT59]
R 192.41.208.rrr	CIT-SSDP	Caltech SSDP Net	[47,TM19]
D*192.41.209.rrr	GSD-APOLONET	MACOM CAD Apol Net	[MDP16]
C*192.41.210.rrr	RTS-IOM	RTS IOM Net	[47,DB263]
R 192.41.211.rrr	APO-GALILEO	APO-Sunspot-Galileo	[47,JRF12]
C*192.41.212.rrr	ARINC-LAN-1	ARINC-LAN-Gw-1	[26,BM168]
G 192.41.213.rrr	GEODEN	GEONET-DENVER	[THL3]
C*192.41.214.rrr	INTERCON-NET	InterCon Corp Net	[47,AW90]
C*192.41.215.rrr	ZARDOZ	CPD, Inc	[NJG6]
R*192.41.216.rrr	KUBNET-A	KUBNET Camp Net	[47,TN17]
C*192.41.217.rrr	DSS	Datability Soft Sys	[26,RLP39]
R*192.41.218.rrr	UDSAB	Univ of Salerno Net	[47,AN31]
R*192.41.219.rrr	JVNC-ETA10	Int JVNC-ETA	[47,SH37]
G*192.41.220.rrr	VERNET	NCSC Verification Net	[JR38]
G*192.41.221.rrr	VERNET-GW	NCSC Verification Gw	[JR38]
C*192.41.222.rrr	QUICK-NET	Quicksilver Ether	[47,SG58]
R*192.41.223.rrr	ENSCO-FL	ENSCO-FLORIDA-SUNS	[47,EB95]
C*192.41.224.rrr	BWPCC	Power Comp	[DRM31]
G 192.41.225.rrr	AMES-FEI-NET	NASA Front End Inter	[47,MSM1]
C*192.41.226.rrr	ACAD	Autodesk Inc Corp Net	[47,JC345]
R*192.41.227.rrr	ISE-NET	FHG-ISE-NET	[26,PJ35]
C 192.41.228.rrr	TGV-NET	TGV Dev Net	[KAA]
R 192.41.229.rrr	NBB11	NSFNET-BB-TD-11	[HWB]
R 192.41.230.rrr	NBB12	NSFNET-BB-TD-12	[HWB]

[RFC 1117](#)

## Internet Numbers

August 1989

R 192.41.231.rrr	NBB13	NSFNET-BB-TD-13	[HWB]
R 192.41.232.rrr	NBB14	NSFNET-BB-TD-14	[HWB]
R 192.41.233.rrr	NBB15	NSFNET-BB-TD-15	[HWB]
R 192.41.234.rrr	NBB16	NSFNET-BB-TD-16	[HWB]
R 192.41.235.rrr	NBB17	NSFNET-BB-TD-17	[HWB]
R 192.41.236.rrr	NBB18	NSFNET-BB-TD-18	[HWB]
R 192.41.237.rrr	NBB19	NSFNET-BB-TD-19	[HWB]
R 192.41.238.rrr	NBB20	NSFNET-BB-TD-20	[HWB]
R*192.41.239.rrr	USW-MPLS-DWT	USWEST-MPLS-DWTN	[47, BRB8]
R*192.41.240.rrr	USW-MPLS-BEE	USWEST-MPLS-BEECH	[47, BRB8]
R*192.41.241.rrr	USW-MPLS-MAPLE	USWEST-MPLS-MAPLE	[47, BRB8]
R*192.41.242.rrr	USW-MPLS-MNM	USWEST-MPLS-MANOMAS	[47, BRB8]
R*192.41.243.rrr	USW-MPLS-BAK	USWEST-MPLS-BACKBONE	[47, BRB8]
R*192.41.244.rrr	WRIGHT-CAIA	Wright State Univ	[47, MS272]
R 192.41.245.rrr	IIT-NET	Ill Inst of Tech	[47, MD119]
D 192.41.246.rrr	ASIFICS	ASIFICS-GW	[47, SC139]
C*192.41.247.rrr	CHIPCOM	Chipcom Corp Net	[SE49]
D 192.41.248.rrr	SM-HN-MCC	SMALCC-HOSTNET-MCC	[26, SJ55]
D 192.41.249.rrr	WR-HN-MCC	WRALC-HOSTNET-MCC	[26, SJ55]
D*192.41.250.rrr-192.41.255.rrr		DTSA Net	[26, BB116]
192.42.0.rrr	Reserved	Reserved	[JBP]
C*192.42.1.rrr	DATUS	DATUS-ENET	[26, KFS2]
R 192.42.2.rrr	CSCSAV-NET	CSC Sports Arena Net	[DH76]
R 192.42.3.rrr	CLEMSON-ENG	Clemson Univ Eng Net	[47, WGS4]
G 192.42.4.rrr	MSCDPA	MS Cen DP Auth	[47, MB204]
R 192.42.5.rrr	MACPHYS	McMaster Phy	[47, CB162]
R 192.42.6.rrr	MACENG	McMaster Eng	[47, CB162]
R 192.42.7.rrr	MONTANACOE	MT College Eng	[JM468]
C 192.42.8.rrr	TELEOS-NET	Teleos Rsch Net	[47, NW25]
R*192.42.9.0.rrr-192.42.40.rrr		BOENSG Nets	[33, GK44]
D 192.42.41.rrr	PUGET-POE-NET	PUGET-POE-GW	[47, GC104]
R*192.42.42.rrr-192.42.47.rrr		Uni Neuchatel	[47, CW115]
R 192.42.48.rrr	CHPCSUNS	CHPC Suns	[47, WLJ7]
R 192.42.49.rrr	CHPCAPOLLOS	CHPC Apols	[47, WLJ7]
R 192.42.50.rrr	CHPCXMPFEI	CHPC XMP VMEbus Sun	[47, WLJ7]
R 192.42.51.rrr	CHPCXMPOPR	CHPC XMP Operator	[47, WLJ7]
C*192.42.52.rrr	ANZNET-AI	ANZ Bank IPNET-AI	[47, WM96]
C*192.42.53.rrr	SUNNET-AI	Sun Alliance IPNET-AI	[47, PE21]
C*192.42.54.rrr	CBCNET-AI	Can Imp Bank IPNET-AI	[47, BA51]
R*192.42.55.rrr	SBEENET	SUNY SB EE Net	[47, JM414]
R 192.42.56.rrr	RAND-NET4	RAND-NET4	[47, JDG]
R 192.42.57.rrr	RAND-NET5	RAND-NET5	[47, JDG]

R 192.42.58.rrr	RAND-NET6	RAND-NET6	[47,JDG]
R 192.42.59.rrr	RAND-NET7	RAND-NET7	[47,JDG]
R*192.42.60.rrr	DMS-MELB	CSIRO-DMS-Melbourne	[47,MA88]
R*192.42.61.rrr	DMS-CANB	CSIRO-DMS-Canberra	[47,MA88]
R*192.42.62.rrr	DMS-PERTH	CSIRO-DMS-Perth	[47,MA88]
192.42.63.rrr-192.42.64.rrr		Reserved	[NIC]

C*192.42.65.rrr	CINET	CINET Int Net	[JV69]
G*192.42.66.rrr	WWB-APOLLO-NET	WWB Apol Net	[47,MSM1]
C*192.42.67.rrr	SOL-ETHER	Solbourne Ether	[47,NM37]
R 192.42.68.rrr	DREOEW-ENET	DREO Elec Warfare LAN	[47,TS31]
R*192.42.69.rrr	ETHER1	Academic Ether	[47,JV70]
G 192.42.70.rrr	GISS-NET	GISS Net	[47,MSM1]
R*192.42.71.rrr-192.42.74.rrr		Univ of Nevada North	[47,PG30]
G 192.42.75.rrr	LARC-SNS	LARCNET	[SDD8]
G 192.42.76.rrr	LARCNET2	LARCNET	[SDD8]
G 192.42.77.rrr	LARCNET3	LARCNET	[SDD8]
G 192.42.78.rrr	LARCNET4	LARCNET	[SDD8]
G 192.42.79.rrr	LARCNET5	LARCNET	[SDD8]
D 192.42.80.rrr	SA-HN-MCC	SAALC-HOSTNET-MCC	[26,SJ55]
D 192.42.81.rrr	OC-HN-MCC	OCALC-HOSTNET-MCC	[26,SJ55]
R 192.42.82.rrr	SCRIPPSNET	Scripps Clinic Net	[47,SRC16]
R*192.42.83.rrr	IIT-2	IIT Local Net	[47,PJF7]
C*192.42.84.rrr	NTTDATA-NET1	NTT DATA Rsch Net 1	[47,HE12]
C*192.42.85.rrr	NTTDATA-NET2	NTT DATA Rsch Net 2	[47,HE12]
C*192.42.86.rrr	NTTDATA-NET3	NTT DATA Rsch Net 3	[47,HE12]
R*192.42.87.rrr	KING-POLY	Kingston Polytech	[33,49,SB167]
D 192.42.88.rrr	SHAFTER-NET	Fort Shafter Net	[47,DM35]
R*192.42.89.rrr	WELLESLEY	Wellesley College	[SS208]
C*192.42.90.rrr	QUANTIC	Quantic Laboratories	[47,JV74]
R*192.42.91.rrr	FB04	FB04 Net	[AJ29]
G*192.42.92.rrr	ACLD-NET	Alachua Co Library	[47,BS168]
192.42.93.rrr	Unassigned	Unassigned	[NIC]
C*192.42.94.rrr	LILLYNET-TEMP	Eli Lilly Ether	[47,FDC2]
C*192.42.95.rrr	PSC	Process Soft Corp	[47,BV15]
R*192.42.96.rrr	SWIVAX	Univ of Amsterdam/SWI	[47,HK35]
R 192.42.97.rrr	SOFTWARE	Soft Prod Consort	[JLR43]
C*192.42.98.rrr	IEX-NET	IEX Corp Net	[47,RB548]
R*192.42.99.rrr	RHODENT	Rhodes Univ Net	[26,FJG4]
R*192.42.100.rrr	KEELE-CS	Univ of Keele Comp Sci	[JK186]
R*192.42.101.rrr	UMSMEDCTR	UMSMEDCTR PROPHETNET	[15,GAG17]
R*192.42.102.rrr	GRENET	CICGNET Net	[JA146]

R*192.42.103.rrr-192.42.107.rrr		Tohoku Univ Net	[47,YK3]
R 192.42.108.rrr	UMC-NET	UMC Cosmic Ray Exp	[47,AC98]
R 192.42.109.rrr	INCSYS2	Incremental Sys II	[JS281]
R 192.42.110.rrr	SU-ASSOC-NET	SU Assoc Net	[47,VAF]
C*192.42.111.rrr	ELAN	Elan Comp Grp	[47,JL239]
192.42.112.rrr	Unassigned	Unassigned	[NIC]
R*192.42.113.rrr-192.42.132.rrr		Amsterdam Rsch Net	[WVDS]
R*192.42.133.rrr	ANL-MAN1	ANL-MANGW1	[47,BRB8]
R*192.42.134.rrr	ANL-MAN2	ANL-MANGW2	[47,BRB8]
R*192.42.135.rrr	ANL-MNM	USWEST-ANL-MANOMOS	[47,BRB8]
R*192.42.136.rrr	ANL-BAC	USWEST-ANL-BACKBONE	[37,47,BRB8]
C*192.42.137.rrr	FIBERCOM	FiberCom FDDI Rsch Net	[47,DM273]
C*192.42.138.rrr	ANSWER-COMP	Answer-Comp-SV	[47,RLG36]

[RFC 1117](#)

Internet Numbers

August 1989

C*192.42.139.rrr	SCEARDNET	Sceard Sys Net	[47,MRC13]
C*192.42.140.rrr	ANDERSEN	Arthur Andersen and Co	[BL92]
R*192.42.141.rrr	AFALNET	Astronautics Lab Net	[47,HCV1]
R 192.42.142.rrr	ICASE-NET	ICASE Net	[47,DP119]
R*192.42.143.rrr	WSI	Comp Sci Tuebingen	[SS218]
R 192.42.144.rrr	UW-ADPNET	UW-ADMIN-NET	[47,KL40]
R 192.42.145.rrr	UW-ACSNET	UW-ACS-DVLPMT	[47,KL40]
C*192.42.146.rrr	VERSATEC	Versatec Ether	[47,TT60]
R*192.42.147.rrr	TRLNET2	TRL Multigate Net	[PJT9]
R*192.42.148.rrr	MONSAN-RCC1	Monsanto CV	[26,JRJ16]
R*192.42.149.rrr	MONSAN-RCC2	Monsanto CC	[26,JRJ16]
R*192.42.150.rrr	MONSAN-RCC3	Monsanto Skokie	[26,JRJ16]
G*192.42.151.rrr	IPSRADSPACE	IPS Radio & Space	[29,CB180]
R 192.42.152.rrr	UMN-CC-NET	UMN Coor Camp Net	[RG12]
R 192.42.153.rrr	MALONE	Malone College	[47,JN91]
C*192.42.154.rrr	NUCLEUS-INTL	Nucleus-Intl-Net	[47,PAG12]
R 192.42.155.rrr	RSRE-BBN-SAT	RSRE to BBN Trunk	[MB]
R 192.42.156.rrr	ESD-H3	ESD-Hyper	[47,NAK2]
R*192.42.157.rrr	NET-SOLUTION	Rational Solutions	[MAV4]
C*192.42.158.rrr	TRVNET-AI	Traveler IPNET-AI	[47,NW30]
C*192.42.159.rrr	NMRI	New Methods Rsch Inc	[47,JB399]
R*192.42.160.rrr-192.42.171.rrr		Auspex Sys R&D Net	[47,BE35]
C*192.42.172.rrr	NEXT-DEFAULT	NeXT Default Net	[26,PFK]
192.42.173.rrr-192.42.177.rrr		Reserved	[NIC]
R 192.42.178.rrr	MICRO-NET	Micro Sys Grp Net	[47,JAC61]
D 192.42.179.rrr	WSMR-NET2	WSMR-NET2	[26,RC29]
R*192.42.180.rrr-192.42.201.rrr		Univ of Lausanne	[47,JL247]
C*192.42.202.rrr	TCR-CAL	TCR Calgary	[47,GR67]

C*192.42.203.rrr	TCR-CAL-BG	TCR Calgary	[47,GR67]
C*192.42.204.rrr	TCR-BG	TCR Calgary	[47,GR67]
C*192.42.205.rrr	TCR-CAL	TCR Calgary	[47,GR67]
C*192.42.206.rrr	TCR-EDM	TCR Calgary	[47,GR67]
D*192.42.207.rrr	BMA-1	BMA-Apo1-1 Net	[GK44]
D*192.42.208.rrr	BMA-2	BMA-Apo1-2 Net	[GK44]
D*192.42.209.rrr	BMA-3	BMA-Apo1-3 Net	[GK44]
D*192.42.210.rrr	BMA-4	BMA-Apo1-4 Net	[GK44]
D*192.42.211.rrr	BMA-5	BMA-Apo1-5 Net	[GK44]
D*192.42.212.rrr	BMA-6	BMA-Apo1-6 Net	[GK44]
D*192.42.213.rrr	BMA-7	BMA-Apo1-7 Net	[GK44]
D*192.42.214.rrr	BMA-8	BMA-Apo1-8 Net	[GK44]
D*192.42.215.rrr	BMA-9	BMA-Apo1-9 Net	[GK44]
D*192.42.216.rrr	BMA-10	BMA-Apo1-10 Net	[GK44]
D*192.42.217.rrr	BMA-11	BMA-Apo1-11 Net	[GK44]
D*192.42.218.rrr	BMA-12	BMA-Apo1-12 Net	[GK44]
D*192.42.219.rrr	BMA-13	BMA-Apo1-13 Net	[GK44]
D*192.42.220.rrr	BMA-14	BMA-Apo1-14 Net	[GK44]
D*192.42.221.rrr	BMA-15	BMA-Apo1-15 Net	[GK44]
D*192.42.222.rrr	BMA-16	BMA-Apo1-16 Net	[GK44]

[RFC 1117](#)

Internet Numbers

August 1989

D*192.42.223.rrr	BMA-17	BMA-Apo1-17 Net	[GK44]
D*192.42.224.rrr	BMA-18	BMA-Apo1-18 Net	[GK44]
D*192.42.225.rrr	BMA-19	BMA-Apo1-19 Net	[GK44]
D*192.42.226.rrr	BMA-20	BMA-Apo1-20 Net	[GK44]
D*192.42.227.rrr	BMA-21	BMA-Apo1-21 Net	[GK44]
D*192.42.228.rrr	BMA-22	BMA-Apo1-22 Net	[GK44]
D*192.42.229.rrr	BMA-23	BMA-Apo1-23 Net	[GK44]
D*192.42.230.rrr	BMA-24	BMA-Apo1-24 Net	[GK44]
D*192.42.231.rrr	BMA-25	BMA-Apo1-25 Net	[GK44]
D*192.42.232.rrr	BMA-26	BMA-Apo1-26 Net	[GK44]
D*192.42.233.rrr	BMA-27	BMA-Apo1-27 Net	[GK44]
D*192.42.234.rrr	BMA-28	BMA-Apo1-28 Net	[GK44]
D*192.42.235.rrr	BMA-29	BMA-Apo1-29 Net	[GK44]
D*192.42.236.rrr	BMA-30	BMA-Apo1-30 Net	[GK44]
R*192.42.237.rrr	CSCE-NET	CSCE Net	[47,MH198]
C*192.42.238.rrr	ITI-NET	ITI Drive Des Net	[47,EU4]
R 192.42.239.rrr	FIT	Florida Inst of Tech	[MG167]
R*192.42.240.rrr	ORACODEV	ORA DOCEV Net	[FH53]
C 192.42.241.rrr	TRZDOR	Olivetti Eng Net	[47,SP86]
C*192.42.242.rrr	OBJY	Objectivity Net	[WC86]
C*192.42.243.rrr	DEV-RING	SAS Data Ctr - Cary	[RB520]

D 192.42.244.rrr	OBL-LINK-LAN	Oberursel LINK LAN	[26,MCB5]
D 192.42.245.rrr	CPO-LINK-LAN	Capodochino LINK LAN	[26,MCB5]
D 192.42.246.rrr	LON-LINK-LAN	London LINK LAN	[26,MCB5]
D 192.42.247.rrr	RDM-LINK-LAN	Rotterdam LINK LAN	[26,MCB5]
192.42.248.rrr	Unassigned	Unassigned	[NIC]
C 192.42.249.rrr	APPLE	Apple Comp Corp	[47,EF16]
C*192.42.250.rrr	IMCLONE	ImClone Sys CAMA Net	[47,PG76]
R 192.42.251.rrr	LIGONET	Caltech LIGO Proj	[47,GH125]
C*192.42.252.rrr	NETWORK-GENL	Net Gen Net	[47,VL24]
C*192.42.253.rrr	ITT-SEMICON	SUN Valid Vax	[47,BS196]
C*192.42.254.rrr	MEGASYS	Megasys Int Net	[47,GMP19]
192.42.255.rrr	Reserved	Reserved	[JBP]
192.43.0.rrr	Reserved	Reserved	[JBP]
C*192.43.1.rrr-192.43.150.rrr		Deere and Co	[26,DF130]
C*192.43.151.rrr	NET-ARDA	Middle Earth Net	[SS226]
R 192.43.152.rrr	RADC-LAN	RADC NYSERNET LAN	[47,CPK3]
R*192.43.153.rrr-192.43.160.rrr		NCD Corp Net	[26,47,DM280]
C*192.43.161.rrr	CYLINK	Cylink Engr Net	[16,CS219]
C*192.43.162.rrr-192.43.171.rrr		Swedish Telecom Nets	[26,AH96]
R 192.43.172.rrr	PHOTO-NET	CIT-OPTICS-PHOTO-NET	[47,JAC61]
G*192.43.173.rrr	FIRNLAN	Fla Dept of Ed	[JL256]
R*192.43.174.rrr	SONY-CSL	Sony-CSL Net	[47,FT30]
C*192.43.175.rrr-192.43.184.rrr		Lucid Int Net	[KDO]
C*192.43.185.rrr	BBYMELB	BBY, Melbourne	[GB157]
C*192.43.186.rrr	BBYSYD	BBY, Sydney	[GB157]
192.43.187.rrr	Unassigned	Unassigned	[NIC]
R 192.43.188.rrr	SDIO-LAN	SDIO Local Area Net	[47,KDZ]

R*192.43.189.rrr	SONY-WS-NET	Sony-WS Net	[26,47,HI7]
R 192.43.190.rrr	BETHEL	Bethel of Minn	[29,GW107]
C*192.43.191.rrr	CAST-CREW	Cast & Crew Inc Net	[38,47,CRJ5]
R*192.43.192.rrr-192.43.196.rrr		Univ of Basle	[47,FE12]
D 192.43.197.rrr	GUNTER-LAN-2	TRW-ULANA-TEST-GUNTR	[TMD6]
C*192.43.198.rrr	CXNET	Comperex Info Net	[BA59]
R 192.43.199.rrr	ETSU	ETSU Camp Net	[47,DS303]
R*192.43.200.rrr	LVPD	Lanier Voice Prod	[ER75]
C*192.43.201.rrr	NELM-NET	NELL Mitaka Net	[47,H013]
C*192.43.202.rrr	NELA-NET	NELL Atsugi Net	[47,H013]
R 192.43.203.rrr	NRAO-CCC	VLBA-Correlator-LAN	[47,DCW9]
R 192.43.204.rrr	NRAO-AOC	Array-Ops-Ctr-LAN	[47,BP57]
R*192.43.205.rrr	URBANA-NET	Urbana Net	[47,PEK]
192.43.206.rrr	Unassigned	Unassigned	[NIC]



R*192.43.207.rrr	UNIMELB-CS-A	MU CS Tech Services	[26,47,RE18]
R*192.43.208.rrr	UNIMELB-CS-B	MU CS 1st Floor	[26,47,RE18]
R*192.43.209.rrr	UNIMELB-CS-C	MU CS/Mathematics	[26,47,RE18]
C*192.43.210.rrr	WESTGRP-HOL	West Grp Holland	[WH108]
C*192.43.211.rrr	SAGPD	SCI ATL - GPD	[47,BA60]
R*192.43.212.rrr	IZF-TNO	IZF-TNO LAN	[47,TV29]
C*192.43.213.rrr	KELCO	Kelco Div of Merck	[EMH12]
R*192.43.214.rrr	KEY	Key Comp Lab	[PJS22]
D 192.43.215.rrr	MONMOUTH-2	Ft. Monmouth Net-2	[47,DML7]
R 192.43.216.rrr	LHASA	LHASA Rsch Net	[47,GIL]
G 192.43.217.rrr	NOAASEL-NET	Space Environ Net	[2,JW301]
C*192.43.218.rrr	DATX	Data Trans Inc Net	[EK55]
C*192.43.219.rrr	EMPRESS	Empress S/W Toronto	[PH106]
C*192.43.220.rrr	SEDNET	SE-DEMO-NET	[TPS5]
C*192.43.221.rrr	ACUSTAR-HEDC	Acustar CAD Net	[JR262]
C*192.43.222.rrr	STEPSTONE	Stepstone LAN	[47,AAD6]
G*192.43.223.rrr	HCG	Hennepin County Govt	[47,MK132]
R*192.43.224.rrr	CCKU-NET	CCKU-NET	[47,MK133]
G*192.43.225.rrr	GSD-DECTCPIP	DECNet TCP/IP Net	[MDP16]
R*192.43.226.rrr-192.43.233.rrr		Univ of Adelaide Nets	[SH47,149]
C*192.43.234.rrr	LUCNET	Lucas Cirencester Net	[47,EB110]
C*192.43.235.rrr	HSI	Health Sys Intl	[47,WRS28]
C*192.43.236.rrr	MEGATEK	Megatek Corp Net	[47,RR193]
C*192.43.237.rrr	PCC-TCP	Power Comp TCP	[5,F017]
R*192.43.238.rrr	FDU	FDU Tri Camp Net	[JF174]
R*192.43.239.rrr	RSES-TRING	RSES Token Ring Net	[26,HM68]
R 192.43.240.rrr	GSFC2	NASA/GSFC	[TC112]
C*192.43.241.rrr	MEDIANETTE	Media Cybernetics	[47,RMF17]
R*192.43.242.rrr	UNF-CIS	UNF CIS Int	[47,TFB3]
R 192.43.243.rrr	HUNKNET	Hunkworks Net	[47,TH111]
R 192.43.244.rrr	NCAR-NSS	NCAR NSFNET Stub Net	[DM84]
G 192.43.245.rrr	MITRE-CG-NET	MITRE-CAPITAL-GAL	[47,MSM1]
G*192.43.246.rrr	MET-AUST	Meteorology Australia	[26,BT65]
R*192.43.247.rrr	GTRI-AIB	GA Tech - AIB	[SPR1]

C*192.43.248.rrr	DNH	Democratic Natl Hdqs	[47,SB185]
R 192.43.249.rrr	JAXLAB	Jackson Lab Net	[47,LJ58]
C 192.43.250.rrr	TELEMATICS	Telematics Devnet	[47,TG67]
C*192.43.251.rrr	APLDBIO	The ABI Net	[47,MR152]
R 192.43.252.rrr	CHUB-NET	Chicago Area NCSANet	[47,EZ3]
D 192.43.253.rrr	AFMPC-NET	Personnel Ctr Net	[26,MTF1]
R 192.43.254.rrr	RADFORDU	Radford Univ	[JS255]

192.43.255.rrr	Unassigned	Unassigned	[NIC]
R*192.44.0.rrr-192.44.40.rrr		Fraunhofer Nets	[HF30]
R*192.44.41.rrr-192.44.80.rrr		French Unix Users	[ <a href="#">26</a> ,AR41]
R*192.44.81.rrr-192.44.90.rrr		Uni Erlangen Net	[ <a href="#">47</a> ,JK198]
C*192.44.91.rrr-192.44.215.rrr		Procter and Gamble Nets	[ACL2]
R 192.44.216.rrr	VV-NET1	Voice-Video-Net1	[PP77]
R 192.44.217.rrr	VV-NET2	Voice-Video-Net2	[PP77]
R 192.44.218.rrr	VV-NET3	Voice-Video-Net3	[PP77]
R 192.44.219.rrr	VV-NET4	Voice-Video-Net4	[PP77]
R 192.44.220.rrr	VV-NET5	Voice-Video-Net5	[PP77]
R 192.44.221.rrr	VV-NET6	Voice-Video-Net6	[PP77]
R 192.44.222.rrr	VV-NET7	Voice-Video-Net7	[PP77]
R 192.44.223.rrr	VV-NET8	Voice-Video-Net8	[PP77]
R 192.44.224.rrr	VV-NET9	Voice-Video-Net9	[PP77]
R 192.44.225.rrr	VV-NET10	Voice-Video-Net10	[PP77]
R 192.44.226.rrr	VV-NET11	Voice-Video-Net11	[PP77]
R 192.44.227.rrr	VV-NET12	Voice-Video-Net12	[PP77]
R 192.44.228.rrr	VV-NET13	Voice-Video-Net13	[PP77]
R 192.44.229.rrr	VV-NET14	Voice-Video-Net14	[PP77]
R 192.44.230.rrr	VV-NET15	Voice-Video-Net15	[PP77]
R 192.44.231.rrr	VV-NET16	Voice-Video-Net16	[PP77]
R 192.44.232.rrr	VV-NET17	Voice-Video-Net17	[PP77]
R 192.44.233.rrr	VV-NET18	Voice-Video-Net18	[PP77]
R 192.44.234.rrr	VV-NET19	Voice-Video-Net19	[PP77]
R 192.44.235.rrr	VV-NET20	Voice-Video-Net20	[PP77]
R 192.44.236.rrr	VV-NET21	Voice-Video-Net21	[PP77]
R 192.44.237.rrr	VV-NET22	Voice-Video-Net22	[PP77]
R 192.44.238.rrr	VV-NET23	Voice-Video-Net23	[PP77]
R 192.44.239.rrr	VV-NET24	Voice-Video-Net24	[PP77]
C*192.44.240.rrr-192.44.251.rrr		Stockholm Health Care	[ <a href="#">26</a> ,AL16]
C*192.44.252.rrr	ACC-LIMULUS	ACCBANNET	[ <a href="#">47</a> ,JFR24]
D 192.44.253.rrr	NTSC-IELN	Naval Training Sys	[ <a href="#">26</a> ,DW198]
R 192.44.254.rrr	JVNC-SATNET	JVNC Sat Net	[ <a href="#">47</a> ,RA17]
192.44.255.rrr	Reserved	Reserved	[JBP]
C*192.45.0.rrr-192.45.255.rrr		TRW Backbone Nets	[MM313]
C*192.46.0.rrr-192.46.255.rrr		Hewlett-Packard	[ <a href="#">18</a> , <a href="#">26</a> ,SI8]
R*192.47.0.rrr-192.47.241.rrr		Kyushu Tech Net	[ <a href="#">47</a> ,HN21]
R 192.47.242.rrr	IE-INFERNO	IE-TEST-INFERNO	[AM29]
R 192.47.243.rrr	SRI-GEC-NET	SRI GeoSci Net	[ <a href="#">47</a> ,TJF13]
R*192.47.244.rrr-192.47.249.rrr		Uni of Fribourg	[ <a href="#">26</a> , <a href="#">47</a> ,MB262]
C*192.47.250.rr	APOLLO-MSP1	Apollo MSP Net 1	[TRG4]

C*192.47.251.rrr	APOLLO-MSP2	Apollo MSP Net 2	[ <a href="#">39</a> ,TRG4]
C*192.47.252.rrr	APOLLO-MSP3	Apollo MSP Net 3	[ <a href="#">39</a> ,TRG4]
C*192.44.253.rrr	ENVOS	Envos Corporation	[JMT18]
R*192.47.254.rrr	ROBOTX-VWNET	VxWorks VME-Bus Net	[DR183]
192.47.255.rrr	Reserved	Reserved	[JBP]
D*192.48.0.rrr-192.48.30.rrr		BOEING-BC-APRING Nets	[GK44]
C*192.48.31.rrr	TN-TRNET	TELENORMA TRNet	[ <a href="#">26</a> ,AM139]
C*192.48.32.rrr	NORAND	Norand Corp	[ <a href="#">47</a> ,LLZ1]
R*192.48.33.rrr	HAC-GATE-NET	Hughes Air	[PH45]
R*192.48.34.rrr	SMII	SEAMARC-II	[ <a href="#">15</a> ,KS121]
C*192.48.35.rrr-192.48.36.rrr		Gen Dynamcis Nets	[SJJ]
C*192.48.37.rrr	SIMTEK	Simtek Eng Net	[ <a href="#">47</a> ,KM2]
C*192.48.38.rrr-192.48.77.rrr		Gen Dynamcis Nets	[SJJ]
R 192.48.78.rrr	TSB-NET	Terrestrial Sys Net	[ <a href="#">47</a> ,TG68]
R*192.48.79.rrr	NCR-RND	NCR R&D Div	[ <a href="#">47</a> ,EH82]
R 192.48.80.rrr	SRI-WDC	WDC Net	[ <a href="#">47</a> ,RS401]
R*192.48.81.rrr	LOGICON-LAN	Logicon OSD Ether LAN	[ <a href="#">47</a> ,JDM9]
R 192.48.82.rrr	BCNET1	British Columbia Net	[D026]
R 192.48.83.rrr	BCNET2	British Columbia Net	[D026]
R 192.48.84.rrr	BCNET3	British Columbia Net	[D026]
R 192.48.85.rrr	BCNET4	British Columbia Net	[D026]
R 192.48.86.rrr	BCNET5	British Columbia Net	[D026]
R 192.48.87.rrr	BCNET6	British Columbia Net	[D026]
R 192.48.88.rrr	BCNET7	British Columbia Net	[D026]
R 192.48.89.rrr	BCNET8	British Columbia Net	[D026]
R 192.48.90.rrr	BCNET9	British Columbia Net	[D026]
R 192.48.91.rrr	BCNET10	British Columbia Net	[D026]
C*192.48.92.rrr	ACSI	ACSI Net Dev	[ <a href="#">47</a> ,RH278]
C*192.48.93.rrr	VISTA	VMG Net	[ <a href="#">47</a> ,DCN19]
R*192.48.94.rrr	MHT-FXEXPERT	MHT-FX-EXPERT-Sys	[CL115]
R*192.48.95.rrr	LAFAYETT	Lafayette College	[PK69]
R 192.48.96.rrr	UUNET-ETHER	UUNET-ETHER	[ <a href="#">47</a> ,RA11]
C*192.48.97.rrr	GLHNET	GLH Net	[JL268]
R*192.48.98.rrr	POLYCI	Polytechniqueci Net	[ <a href="#">47</a> ,GG68]
C*192.48.99.rrr	ONM-NET	Ogilvy & Mather Net	[ <a href="#">DSN4</a> ]
R 192.48.100.rrr	AAAI	AAAI Net	[ <a href="#">47</a> , <a href="#">RS406</a> ]
R*192.48.101.rrr	CALCOMP	CALCOMP-PLOTTER	[TAP15]
R*192.48.102.rrr	AMHERST	Amherst College	[ <a href="#">47</a> ,JWM53]
192.48.103.rrr	Unassigned	Unassigned	[NIC]
C*192.48.104.rrr	FRONTIER	FRNTR PHX/CA SUNOEM	[ <a href="#">47</a> ,KJ36]
R 192.48.105.rrr	NMSU-ISI-NUL	NMSU ISI Trunk Line	[MSP1]
C*192.48.106.rrr	FINTRONIC	Fintronic, Inc	[ <a href="#">47</a> ,JW310]
R*192.48.107.rrr	REGENT	Technical Univ-Munich	[ <a href="#">47</a> ,WT39]
C*192.48.108.rrr	LASC-GANET	Lockheed-Georgia Net	[ <a href="#">47</a> ,BW4]
R*192.48.109.rrr	BOND-3090	Bond 3090 Net	[EB112]
R*192.48.110.rrr	BOND-USLINK	Bond US Link	[EB112]
R 192.48.111.rrr	SPARTA-NET	Sparta Rsch Net	[ <a href="#">47</a> ,CFM1]
R*192.48.112.rrr	MANHATNET	Manhattan College	[ <a href="#">47</a> ,JPH17]

[RFC 1117](#)

## Internet Numbers

August 1989

C*192.48.113.rrr	MURPHNET	Murphy & Durieu LAN	[ <a href="#">47</a> ,JPH17]
R*192.48.114.rrr	IE-PURGATORIO	IE-TEST-PURGATORIO	[AM29]
R*192.48.115.rrr	IE-PARADISO	IE-TEST-PARADISO	[AM29]
R 192.48.116.rrr	IE-COMMUNE	IE-TEST-COMMUNITY	[AM29]
R*192.48.117.rrr	NSCF-NET	Nat Sci Ctr Net	[ <a href="#">47</a> ,LF61]
C*192.48.118.rrr-192.48.122.rrr		Intersil Ether	[KEW8]
C*192.48.123.rrr	SONY-STE0	SONY Eng Net	[TM166]
G*192.48.124.rrr	USGS-BGRA	USGSGOLDEN-GEOL-RISK	[ <a href="#">47</a> ,RBP11]
G 192.48.125.rrr	SERI-2	Solar Ener Rsch Net	[ <a href="#">47</a> ,AM92]
R*192.48.126.rrr	DRURYUNIX	Hypermedia Lab Net	[ <a href="#">47</a> ,CE52]
C*192.48.127.rrr-192.48.129.rrr		Hitachi Rsch Netss	[SK102]
C*192.48.130.rrr-192.48.132.rrr		Burr-Brown Nets	[ <a href="#">26</a> , <a href="#">47</a> ,JMM50]
C*192.48.133.rrr	ANALOG	Analog DevNet	[ <a href="#">47</a> ,RP191]
R 192.48.134.rrr	ARLUTANET0	ARLUT Host Net	[ <a href="#">8</a> , <a href="#">47</a> ,VM49]
R 192.48.135.rrr	ARLUTANET1	ARLUT Telnet Net	[ <a href="#">8</a> , <a href="#">47</a> ,VM49]
R*192.48.136.rrr	BHP-MRL	BHP-MRL Net	[ <a href="#">47</a> ,IH15]
C*192.48.137.rrr	CORDIS	Cordis Corp	[ <a href="#">47</a> ,GLS39]
R*192.48.138.rrr	RIKEN-NET	Japan Riken Net	[ <a href="#">47</a> ,TS158]
C 192.48.139.rrr	SQUIBB-NET	Squibb Rsch Net	[ <a href="#">47</a> ,REB50]
D 192.48.140.rrr	MONMOUTH-3	Ft. Monmouth Net-3	[ <a href="#">47</a> ,DML7]
G*192.48.141.rrr	ESMNET	ESM Dev Net	[ <a href="#">46</a> ,RC241]
R*192.48.142.rrr	UNOMAHA	U of Nebraska-Omaha	[FH59]
C*192.48.143.rrr	CONTEL-SPFLD	CONTEL-SpringfieldVA	[ <a href="#">47</a> , <a href="#">MP139</a> ]
C*192.48.144.rrr	UNIPRESS-NET	Unipress Soft Net	[MG16]
C*192.48.145.rrr	BERUNET	BERU	[ <a href="#">47</a> ,AR86]
C*192.48.146.rrr-192.48.209.rrr		Silicon Graphics, Inc	[ <a href="#">47</a> ,VS13]
R 192.48.210.rrr	OXY-NET	Occidental College	[ <a href="#">47</a> ,PH73]
R*192.48.211.rrr	SEATTLEU-NET	Seattle Univ	[ <a href="#">47</a> ,FL34]
D 192.48.212.rrr	NARDAC-NET1	OPSNET1	[ <a href="#">47</a> ,DB]
D 192.48.213.rrr	NARDAC-NET2	OPSNET2	[ <a href="#">47</a> ,DB]
D 192.48.214.rrr	NARDAC-NET3	OPSNET3	[ <a href="#">47</a> ,DB]
D 192.48.215.rrr	NARDAC-NET4	OPSNET4	[ <a href="#">47</a> ,DB]
D 192.48.216.rrr	NARDAC-NET5	OPSNET5	[ <a href="#">47</a> ,DB]
R 192.48.217.rrr	OACIS-NET	OACIS Net	[GK44]
R 192.48.218.rrr	ISTO-NET	ISTO Net	[ <a href="#">47</a> ,SC3]
R 192.48.219.rrr	DARPA-1555-NET	DARPA 1555 Net	[ <a href="#">47</a> ,SC3]
R 192.48.220.rrr	DARPA-T1-NET	DARPA T1 Net	[ <a href="#">47</a> ,SC3]
C*192.48.221.rrr	WHITTLE	Whittle Comm Net	[LS198]
C*192.48.222.rrr	KLA-INST	KLA Corp LAN	[ <a href="#">47</a> ,PML1]
R*192.48.223.rrr	RHBNC-MATHS	Maths Dept Local Net	[ <a href="#">26</a> ,RMD27]
R*192.48.224.rrr	NETCS-NET	NETCS Net	[ <a href="#">26</a> ,CS218]
C*192.48.225.rrr	NTISC-CIM	NTISC-CIMNET	[SH160]
R*192.48.226.rrr	HFH-RADNET	Radlogy Ether	[ <a href="#">47</a> ,BW138]

C*192.48.227.rrr	MERGETECH	Med Imaging Net	[12,DAR20]
R*192.48.228.rrr	DF86-HOME-E	Faunt Home Ether	[47,DF86]
R*192.48.229.rrr	DF86-HOME-S	Faunt Home Slip	[47,DF86]
R*192.48.230.rrr	EDRCNET	UK EDRC Net	[26,LM185]
C*192.48.231.rrr	GUUG-NET	Munich GUUG Net	[GB169]

[RFC 1117](#)

Internet Numbers

August 1989

R*192.48.232.rrr	ASYLUM-NET	Asylum Rsch Net	[47,JLR4]
R 192.48.233.rrr	VILLANOVA	Mathsci Villanova	[47,NN20]
C*192.48.234.rrr	WIMSEY-NET	Wimsey Assoc Rsch Net	[47,SL122]
C*192.48.235.rrr	BAY-DIGI-NET	Baylor Dig Net	[47,RT147]
R*192.48.236.rrr	U-PGH-MEDNET	U-PGH-Victoria-Hall	[47,RJY2]
R*192.48.237.rrr	U-PGH-TXSNET	U-PGH-Falk Clinic	[47,RJY2]
G*192.48.238.rrr	DOEHQ	Dept of Energy, HQ	[TMR11]
C*192.48.239.rrr	GHB-LAN01	Corp I LAN	[CB201]
C*192.48.240.rrr	GHB-LAN02	Portland Plant LAN	[CB201]
C*192.48.241.rrr	GHB-LAN03	Chicago Sales LAN	[CB201]
D*192.48.242.rrr	USACRREL	U.S. Army CRREL Net	[26,GD80]
D*192.48.243.rrr	USACRRELAK	U.S. Army CRRELAK Net	[26,GD80]
R*192.48.244.rrr	HK-VME-NET	Heurikon Corp VME	[CP108]
R*192.48.245.rrr	HK-ENG-NET	Heurikon Corp Engr	[CP108]
C*192.48.246.rrr	ITP-NET	ITP Boston Network	[QF]
C*192.48.247.rrr	CCNAIBFIR	Fixed Income Research	[47,PAG14]
C*192.48.248.rrr	CYBER-MELB	Cybergraphics Ltd	[47,PH111]
C*192.48.249.rrr	TI-DAD1	Texas Instru DAD1	[2,WM110]
C*192.48.250.rrr	TI-DAD2	Texas Instru DAD2	[26,WM110]
C*192.48.251.rrr	ITT-SEMICON2	Apollo Sun Valid	[47,TS144]
C*192.48.252.rrr	ITT-SEMICON3	Apollo Sun Valid	[47,TS144]
R*192.48.253.rrr	UCTNET	UCT Campus Network	[FG51]
C*192.48.254.rrr	SAUER1	Sauer Machine's LAN	[BW143]
192.48.255.rrr	Reserved	Reserved	[JBP]
G*192.49.0.rrr-192.49.255.rrr		VTKK-ASIAKKAAT	[47,PI7]
R*192.50.0.rrr-192.51.255.rrr		Japan Inet	[JM292]
192.52.0.rrr-223.255.254.rrr		Unassigned	[NIC]
*223.255.255.rrr	Reserved	Reserved	[JBP]

Other Reserved Internet Addresses

* Internet Address	Name	Network	References
-----	----	-----	-----
224.000.000.000-239.255.255.255	Multicast		[11,JBP]
240.000.000.000-255.255.255.255	Reserved		[JBP]

---

[RFC 1117](#)

Internet Numbers

August 1989

## Network Totals

## Assigned for the ARPA-Internet and the DDN-Internet

Class	A	B	C	Total
Research	17	415	1626	2058
Defense	9	248	887	1144
Government	1	34	114	149
Commercial	6	70	39	115
Total	33	767	2666	3466

## Allocated for Internet and Independent Uses

Class	A	B	C	Total
Research	17	911	4271	5199
Defense	9	285	958	1252
Government	1	63	417	481
Commercial	6	265	6967	7238
Total	33	1524	12613	14170

Maximum Allowed

Class	A	B	C	Total
Research	8	1024	65536	66568
Defense	24	3072	458752	461848
Government	24	3072	458752	461848
Commercial	74	9214	1114137	1123394
Total	126	16382	2097150	2113658

AUTONOMOUS SYSTEM NUMBERS

The Exterior Gateway Protocol (EGP) [[41](#),[43](#)] specifies that groups of gateways may form autonomous systems. The EGP provides a 16-bit field for identifying such systems. The values of this field are registered here.

Autonomous System Numbers:

Number	System Name	Contact
1	The BBN Core Gateways	[MB]
2	DCN-AS	[DLM1]
3	The MIT Gateways	[RH164]
4	ISI-AS	[JKR1]
5	SYMBOLICS	[SE31]
6	HIS-MULTICS	[JLM23]
7	UK-MOD	[RNM1]
8	RICE-AS	[PGM]
9	CMU-ROUTER	[MA]
10	CSNET-PDN-AS	[RDR4]

11	HARVARD	[SB28]
12	NYU-DOMAIN	[EF5]
13	BRL-AS	[RR33]
14	COLUMBIA-GW	[BC14]
15	NET DYNAMICS EXP	[ZSU]
16	LBL	[WG]
17	PURDUE-CS	[DT50]
18	UTEXAS	[LSV]
19	CSS-DOMAIN	[RA11]
20	UR	[LB16]
21	RAND	[JDG]
22	NOSC	[RLB3]
23	RIACS-AS	[DG28]
24	AMES-NAS-GW	[MF31]
25	UCB	[MK17]
26	CORNELL	[JCH17]
27	UMDNET	[MP12]
28	DFVLR-SYS	[GB7]
29	YALE-AS	[HML1]
30	SRI-AICNET	[WMT]
31	CIT-CS	[AD22]
32	STANFORD	[PA5]
33	DEC-WRL-AS	[BKR]
34	UDEL-EECIS	[NMM]
35	MICATON	[WDL]
36	EGP-TESTOR	[PEM4]

37	NSWC	[DAF9]
38	UIUC	[ <a href="#">AKC</a> ]
39	NRL-ITD	[AP]
40	MIT-TEST	[NC3]
41	AMES	[MSM1]
42	THINK-AS	[BJN1]
43	BNL-AS	[GR9]
44	S1-DOMAIN	[RAK12]
45	LLL-TIS-AS	[NAL]
46	RUTGERS	[RM8]
47	USC-OBERON	[DRS4]
48	NRL-AS	[WF3]
49	ICST-AS	[CWH3]
50	ORNL-MSRNET	[THD]
51	USAREUR-EM-AS	[FWD]



52	UCLA	[RBW]
53	NORTHROP-AS	[RSM1]
54	COA-FIN-NET-AS	[RR26]
55	UPENN-CIS	[IW5]
56	OPTIMIS-P	[GPL1]
57	UMN-REI-UC	[TJ]
58	DREA-AS	[GLH5]
59	WISC-MADISON-AS	[EJN1]
60	DARPA-BFLY	[MB]
61	DEC-MARLBORO-AS	[JM60]
62	TEKVAXC	[TE16]
63	LL-MI	[KLS24]
64	MITRE-B-AS	[BSW]
65	LOGNET-AS	[JR15]
66	ETL-AI	[MMM3]
67	SDC-PRC-AS	[MS22]
68	LANL-INET-AS	[PCW]
69	WHARTON-AS	[HK2]
70	NLM-GW	[JA1]
71	HP-INTERNET-AS	[DCL10]
72	SCHLUMBERGER-AS	[CG64]
73	WASHINGTON-AS	[DJ99]
74	XDRENET-AS	[TS31]
75	ANL-AS	[LW26]
76	SDC-CAM-AS	[DSR]
77	JHUAPL-AS	[SAK3]
78	SSDF-CDC-GW	[RE22]
79	DSPO-HC-AS	[BT5]
80	GE-CRD	[JC106]
81	TUCC-MCNC	[JRR14]
82	TWG-DEMO-AS	[JS171]
83	PICANET-AS	[RFD1]
84	DTNSRDC-AS1	[RWT2]

85	AERO-NET	[LCN]
86	SURANET-AS	[JH92]
87	INDIANA-AS	[BS69]
88	PRINCETON-AS	[LRR1]
89	NUSC-CSTLNET-AS	[MP20]
90	SUN-AS	[WM3]
91	RPI-AS	[MS9]
92	CLARKSON-AS	[ABS6]

93	FORD-AS	[KR9]
94	BELVOIR-NET	[MDS30]
95	NUSCLSB1	[RPP]
96	JTELS-BEN1-AS	[RR26]
97	JVNC-AS	[SH37]
98	ROCKEFELLER-AS	[MK38]
99	INTEL-IWARP	[WM10]
100	FMC-CEL	[KW2]
101	WASH-NSF-AS	[SH47]
102	NSF-HQ-AS	[FW17]
103	NWU-AS	[JPD18]
104	COLORADO-AS	[DCMW]
105	GSWD-VMS-AS	[PEK]
106	ETN-WLV-AS	[SMS1]
107	ECSNET-AS	[CAL7]
108	XEROX-AS	[DCS]
109	CISCOYSTEMS	[KSL]
110	XAIT-AS	[AL6]
111	BOSTONU-AS	[BS24]
112	CMU-SEI-AS	[PDB5]
113	SCCNET-AS	[MJ04]
114	SESQUINET-AS	[GTA]
115	PBAS-BEN2-GW-AS	[RR26]
116	BELLCORE-AS	[PK28]
117	ALBM-NET-AS	[NB16]
118	NSWSES-NAVY-AS	[DD41]
119	AMS-AS	[SBW4]
120	MITRE-OMAHA	[SM62]
121	IH-POE-AS	[LK27]
122	U-PGH-NET-AS	[SM6]
123	LOGAIRCOMNET-AS	[GT37]
124	ENCORE-GW-AS	[DK70]
125	HI-NET-AS	[DB97]
126	MINSY-POE-AS	[CV14]
127	JPL-AS	[JAW16]
128	ADS-AS	[MB26]
129	CDA-AS	[FJS3]
130	CSOCNET-AS	[JJD12]
131	UCSB-NET-AS	[AKS31]
132	WPAFB-CSD-NET-AS	[CMC6]

133	AFIT-AS	[DWD20]
-----	---------	---------

134	CORONA-GW-AS	[LM35]
135	BRL-CDCNET-GW-AS	[RR33]
136	ECONET-AS	[TD40]
137	ITALY-AS	[ABB2]
138	BRL-CMCGW-AS	[RR33]
139	NUWESNET-AS	[RM125]
140	DAITC-NET-AS	[CG24]
141	NWCNET-AS	[EG17]
142	WESTPOINT	[RLR23]
143	OOG1-AS	[JD86]
144	ATT-INTERNET	[HT19]
145	NSFNET-CORE	[HWB]
146	HQEIS-AS	[SMK2]
147	NAVCAMS-LAN-AS	[JM246]
148	NWSC-GW-AS	[JA91]
149	ADEL-AS	[CM115]
150	SEANET-AS	[JH10]
151	IND-NTC-AS	[AB98]
152	SRI-ACCATT-AS	[RDQ]
153	SAAD-ARPA-AS	[DRM24]
154	USACEC-NET-AS	[DEA]
155	CACNET-AS	[BG25]
156	NORTHEASTERN-GW-AS	[CJ38]
157	INTELLIAUTON	[RJL3]
158	ACC-AS	[AB20]
159	SONNET-AS	[MF74]
160	U-CHICAGO-AS	[MC17]
161	TI-AS	[DF71]
162	NOSL-POE-AS	[DB211]
163	IBM-RESEARCH-AS	[JP247]
164	DDN-MB-AS	[RH6]
165	NESEA-DDN-GW-AS	[DT59]
166	IDA-AS	[MM227]
167	WESLEYAN-AS	[JGD1]
168	UMASS-AMHERST	[ASG]
169	HANSCOM-NET-AS	[DD63]
170	YKTNPOE-GW-AS	[WRR5]
171	NORTHWESTNET-AS	[GK44]
172	CSDA-AS	[LJC2]
173	NTT-AS	[KM82]
174	NYSERNET-AS	[MF19]
175	AFWL-AS	[BSR]
176	BCN-AS	[JRC27]
177	MERIT-AS	[HWB]
178	IBMYORKTOWN-AS	[HWB]
179	IBMMILFORD-AS	[HWB]
180	MCIRESTON-AS	[HWB]

---

181	NSFNETTEST1-AS	[HWB]
182	NSFNETTEST2-AS	[HWB]
183	NSFNETTEST3-AS	[HWB]
184	NSFNETTEST4-AS	[HWB]
185	NSFNETTEST5-AS	[HWB]
186	CUA-AS	[ECM6]
187	MDC-AS	[KRH4]
188	SAIC-AS	[SDF5]
189	BARRNET-AS	[DLW31]
190	NSYPTSMH-POE-AS	[TSD3]
191	NORDA-AS	[MG120]
192	ROCHINSTTECH	[CF35]
193	MIDNET-AS	[DF90]
194	USAN-AS	[DM84]
195	SDSC-AS	[PGL]
196	RISC-SYSTEM	[WAG5]
197	HAC-ENET-AS	[PH45]
198	BRL-SGW1-AS	[WAW11]
199	BARRNET-AS	[DLW31]
204	PSCNET-AS	[EFH4]
205	MONTCLAIR-AS	[MLT10]
206	CSC-LONS-GW-AS	[SWR3]
207	CLI-GW-AS	[WAH11]
208	LBNS-POE-AS	[DC145]
209	WESTNET-EAST	[DCMW]
210	WESTNET-WEST	[DCMW]
211	RADC-LONS-GW-AS	[SWR3]
212	HQAFSC-LONS-GW-AS	[SWR3]
213	APGEA-NET1-AS	[REA3]
214	USNA-AS	[RAD15]
215	RIA-2-AUTO-AS	[TC72]
216	LMSC-HOSTNET-AS	[SJ55]
217	UMN-AGS-NET-AS	[RG12]
218	AFOTECPCNET-AS	[KDA5]
219	PUGET-POE-AS	[GC104]
220	OOALC-HOSTNET-AS	[SJ55]
221	WRALC-HOSTNET-AS	[SJ55]
222	SMALC-HOSTNET-AS	[SJ55]
223	TISW-AS	[KH88]
224	UNINETT-AS	[JT122]
225	VIRGINIA-AS	[JAJ17]
226	LOS-NETTOS-AS	[WP8]
227	SHAFTER-AS	[DM35]
228	DC-SUN-NET-AS	[MC202]
229	NSFNETTEST6-AS	[HWB]
230	NSFNETTEST7-AS	[HWB]

231 NSFNETTEST8-AS [HWB]  
232 NSFNETTEST9-AS [HWB]

---

[RFC 1117](#)

Internet Numbers

August 1989

233 NSFNETTEST10-AS [HWB]  
234 NSFNETTEST11-AS [HWB]  
235 NSFNETTEST12-AS [HWB]  
236 NSFNETTEST13-AS [HWB]  
237 NSFNETTEST14-AS [HWB]  
238 NSFNETTEST15-AS [HWB]  
239 ONET-AS [L024]  
240 SAALC-HOSTNET-AS [SJ55]  
241 OCALC-HOSTNET-AS [SJ55]  
242 SSSD-AS [RGH21]  
243 HARRIS-ATD-AS [[TS14](#)]  
244 ITT-FEC-AS [RW45]  
245 PRC-AS [SS172]  
246 ASIFICS-GW-AS [SC139]  
247 ROMENET-AS [PV23]  
248 OBL-LINK-AS [MCB5]  
249 RDM-LINK-AS [MCB5]  
250 LON-LINK-AS [MCB5]  
251 CPO-LINK-AS [MCB5]  
252 CECOM-A-TACT [MB31]  
253 CIC-NET-AS [RG12]  
254 TWG-NET-AS [JS171]  
255 PATRICK-LONS-GW-AS [SWR3]  
256 NCSC-NET-AS [JD130]  
257 NPS-GATOR-AS [SW37]  
258 BRAGGSRI-EGP-AS [TN5]  
259 SCUBED-AS [TH60]  
260 BBNCC-COL-MD-AS [LJK]  
261 EASINET-AS [JLD31]  
262 JVNC-II-AS [JB247]  
263 JVNC-TEST-AS [JB247]  
264 SRINET-AS [DP2]  
265 WASH-VAX-AS [DB310]  
266 CICNET1-AS [JY24]  
267 CICNET2-AS [JY24]  
268 USUHSNET-AS [MK124]  
269 INCSYS-AS [JS281]  
270 PSCNI-AS [BH162]  
271 BCNET-AS [JCD8]

272	FTLEENET-AS	[TWH19]
273	DARPA-CISCO-AS	[SC3]
274	SOFT-CON-NTS-AS	[PP77]
275-65534	Unassigned	[NIC]
65535	Reserved	[JBP]

#### DOCUMENTS

- [1] Aerospace, Internal Report, ATM-83(3920-01)-3, 1982.
- [2] Apollo Computer, Inc., "Managing TCP/IP-Based Communication Products", Order No. 008543, Chelmsford, MA, 01824, March 1986.
- [3] BBN Proposal No. P83-COM-40, "Packet Switched Overlay to Tactical Multichannel/Satellite Systems".
- [4] BBN, "Specifications for the Interconnection of a Host and an IMP", Report 1822, Bolt Beranek and Newman Cambridge, Massachusetts, revised, December 1981.
- [5] CDCNET Network Configuration and Site Administration Guide, CDC Publication Number 60461550. CDCNET TCP/IP Usage, CDC Publication Number 60000214.
- [6] Chon, K., et al., "SDN: A Computer Network for Korean Research Community", Proc. of the Pacific Computer Communication Symposium, October 1985, pp. 567-570, Seoul, Korea.
- [7] Chon, K., et al., "System Development Network", Proc. of TENCON, April 1984, pp. 133-135, Singapore.
- [8] cisco Systems, "cisco Systems Gateway Server Reference Manual", Revision B, Menlo Park, CA, January 1988.
- [9] Clark, D., "Revision of DSP Specification", Local Network Note 9, Laboratory for Computer Science, MIT, June 1977.
- [10] Cohen, D., "On Holy Wars and a Plea for Peace", IEEE Computer

Magazine, October 1981.

- [11] Comer, D., and T. Narten, "The Cypress Multifunction Packet Switch", Technical Report CSD-TR-575, Computer Science Dept., Purdue University, West LaFayette, IN.
- [12] Comer, D., "Internetworking with TCP/IP: Principles, Protocols and Architecture", Prentice-Hall, 1988.
- [13] Croft, W., "Unix Networking at Purdue", USENIX Conference, 1980.
- [14] Deering, S., "Host Extensions for IP Multicasting", [RFC 988](#), Stanford University, December 1985.
- [15] Digital Equipment Corporation, DELQA User's Guide EK-DELQA-UG-001, Merrimack, NH, 1987.

Romano, Stahl & Recker

[Page 69]

---

[RFC 1117](#)

Internet Numbers

August 1989

- [16] Digital Equipment Corporation, "Ultrix-32 Network Management Guide", Ultrix-32 System, Version 2.0, 1987.
- [17] Feinler, E., editor, "DDN Protocol Handbook", Network Information Center, SRI International, December 1985.
- [18] Feinler, E., editor, "Internet Protocol Transition Workbook", Network Information Center, SRI International, March 1982.
- [19] Feinler, E. and J. Postel, eds., "ARPANET Protocol Handbook", IC 7104, for the Defense Communications Agency by SRI International, Menlo Park, California, Revised January 1978.
- [20] Harris Corporation, "Harris Ethernet Data Link Reference Manual", Publication No. 0868010-002, Harris Corporation, Computer Systems Division, 2101 West Cypress Creek Road, Ft. Lauderdale, FL 33309-1892.
- [21] Harris Corporation, "Harris TCP/IP Manager's Guide", Publication No. 0868011-100, Harris Corporation, Computer Systems Division, 2101 West Cypress Creek Road, Ft. Lauderdale, FL 33309-1892.
- [22] Honeywell CISL, Internal Document, "AFSDSC Hyperchannel RPQ Project Plan".

- [23] Honeywell CISL, Internal Document, "Multics MR11 PFS".
- [24] Hwang, K., W. Croft and G. Goble, "A Unix-Based Local Computer Network with Load Balancing", IEEE Computer, April 1982.
- [25] IBM Corporation, "Technical Reference Manual for the IBM PC Network", 6322505, IBM, Boca Raton, Florida, 1984.
- [26] IEEE Project 802 Local Area Network Standard, "IEEE Standard 802.3 CSMA/CD Access Method and Physical Layer Specifications", Approved IEEE 802.3-1985 ISO/DIS 8802/3, July 1983.
- [27] Korb, J., "A Standard for the Transmission of IP Datagrams Over Public Data Networks", [RFC 877](#), Purdue University, September 1983.
- [28] Leach, et al., "The Architecture of an Integrated Local Network", IEEE Journal on Selected Areas in Communications, Vol SAC-1, No. 5, November 1983.
- [29] Leffler, Samuel J., et al., "4.2 BSD Network Implementation Notes", July, 1983, University of California, Berkeley.

- [30] Leffler, S., W. Joy, R. Fabry, and M. Karels, "Networking Implementation Notes, 4.3 BSD Edition", CSRG/CSD/EECS, University of California, Berkeley, June 1986.
- [31] Macgregor, W., and D. Tappan, "The CRONUS Virtual Local Network", [RFC 824](#), Bolt Beranek and Newman, August 1982.
- [32] Mills, D., "Network Time Protocol", [RFC 958](#), M/A-COM Linkabit, September 1985.
- [33] Postel, J., ed., "Internet Protocol - DARPA Internet Program Protocol Specification", [RFC 791](#), Information Sciences Institute, September 1981.
- [34] Prime, "Medusa, The Prime Ethernet", PRIME/WS/AI/86/2, July 1986, Framingham, MA.
- [35] Proteon, "Linkway Software: Operating System, Release 7.0", SPD



- 040-013 and "Linkway Software: IP Packet Forwarder", SPD 040-016. Proteon, Inc., 4 Tech Circle, Natick, MA.
- [36] Proteon, "P4200 Gateway User's Guide", 42-040-012. Proteon, Inc., 4 Tech Circle, Natick, MA 01760.
- [37] Proteon, ProNET-80 Token Ring Network, Proteon, Inc., Westborough, MA.
- [38] Pyramid Technology Corporation, "Networking Software Package Product Description: Ethernet", 4100-0014-E, April 15, 1988.
- [39] Reed, D., "Protocols for the LCS Network", Local Network Note 3, Laboratory for Computer Science, MIT, November 1976.
- [40] Reynolds, J. and J. Postel, "Official Internet Protocols", [RFC 1011](#), Information Sciences Institute, May 1987.
- [41] Rosen, E., "Exterior Gateway Protocol" [RFC 827](#), Bolt Beranek and Newman, October 1982.
- [42] Saltzer, J., "Design of a Ten-megabit/sec Token Ring Network", MIT Laboratory for Computer Science Technical Report.
- [43] Seamonson, L., and E. Rosen, "STUB" Exterior Gateway Protocol", [RFC 888](#), BBN Communications Corporation, January 1984.
- [44] Shuttleworth, B., "A Documentary of MFENet, a National Computer Network", UCRL-52317, Lawrence Livermore Labs, Livermore, California, June 1977.

- [45] Skelton, A., S. Holmgren, and D. Wood, "The MITRE Cablenet Project", IEN 96, April 1979.
- [46] Sun Microsystems, "Networking on the Sun Workstation", Part No: 800-1324-03, Revision B of 17 February 1986. Sun Microsystems, Inc., 2550 Garcia Avenue, Mountain View, CA 94043.
- [47] "The Ethernet, A Local Area Network: Data Link Layer and Physical Layer Specification", AA-K759B-TK, Digital Equipment Corporation, Maynard, MA. Also as: "The Ethernet - A Local Area Network", Version 1.0, Digital Equipment Corporation, Intel Corporation,

Xerox Corporation, September 1980. And: "The Ethernet, A Local Area Network: Data Link Layer and Physical Layer Specifications", Digital, Intel and Xerox, November 1982. And: XEROX, "The Ethernet, A Local Area Network: Data Link Layer and Physical Layer Specification", X3T51/80-50, Xerox Corporation, Stamford, CT, October 1980.

- [48] The High Level Protocol Group, "A Network Independent File Transfer Protocol", INWG Protocol Note 86, December 1977.
- [49] Wecker, S., "DNA: The Digital Network Architecture", IEEE Trans., Commun., COM-28, 510-526, April 1980.
- [50] Whelan, D., "The Caltech Computer Science Department Network", 5052:D F:82, Caltech Computer Science Department, 1982.
- [51] XEROX, "Internet Transport Protocols", XSIS 028112, Xerox Corporation, Stamford, Connecticut, December 1981.
- [52] Internet Activities Board, "IAB Official Protocol Standards", [RFC-1100](#), ISI, April 1989.

#### CONTACTS

HANDLE

NAME

MAILBOX

[AA62] Adrualdi, Annarita AAA0%ICINECA2.BITNET@CUNYVM.CUNY.EDU  
 [AA63] Ananthanarayanan, Arul sdsu!arul@UCSD.EDU  
 [AA70] Agnew, Alan A\_AGNEW%QUT.EDU.AU@CUNYVM.CUNY.EDU  
 [AA73] Ayala, Amador craxa@UTSA86.SA.UTEXAS.EDU  
 [AAD6] Datri, Anthony A aad@STEPSTONE.COM  
 [AB115] Banks, Alan  
 alanb%cengl%uk.ac.sussex.cvaxa@CUNYVM.CUNY.EDU  
 [AB20] Berggreen, Arthur art@ACC.ARPA  
 [AB90] Ben-Artzi, Amatzia amatzia@AMADEUS.STANFORD.EDU  
 [AB98] Beacham, Albert hpindda!abeacha@HPLABS.HP.COM  
 [ABB2] Bonito, A. Blasco BLASCO@ICNUCEVM.CNUCE.CNR.IT  
 [ABS6] Stine, Arthur B abstine@OMNIGATE.CLARKSON.EDU  
 [AC42] Cohen, Adam ---none---  
 [AC66] Crotty, Art ---none---  
 [AC85] Cantrall, Arthur icsadc%asuic.bitnet@CUNYVM.CUNY.EDU  
 [AC96] Conley, Alan ---none---  
 [AC98] Cole, Allen cole@CC.UTAH.EDU  
 [ACL2] Lumb, Arthur C. ---none---  
 [AD22] DesJardins, Arlene A Arlene@VLSI.CALTECH.EDU  
 [AD67] Davis, Andy mcvox!cs.hw.ac.uk!andy@UUNET.UU.NET  
 [AEJ5] Johannesen, Allan E AEJ@WPI.WPI.EDU  
 [AF60] Fischer, Allan ALLAN@USNA.MIL  
 [AG113] Ghiselli, Antonia  
 ghiselli%iboinfn.bitnet@CUNYVM.CUNY.EDU  
 [AG22] Ganz, Alfred ganz-alfred@YALE.EDU  
 [AG61] Goodarzi, Afshin ---none---  
 [AG67] Garg, Atul ---none---  
 [AGS5] Smith, Arnold G AGSMITH@WARBUCKS.AI.SRI.COM  
 [AH81] Hooper, Andrew HOOPER@QUCDN.QUEENSU.CA  
 [AH89] Hovsto, Asbjorn ---none---  
 [AH94] Hillbo, Anders enea!ahi@UUNET.UU.NET  
 [AH96] Hellman, Anders enea!unione!prhla@UUNET.UU.NET  
 [AHA] Anderson, Allan H anderson@LL-VLSI.ARPA  
 [AIS] Shore, Andrew I adobe!shore@DECWRL.DEC.COM  
 [AJ29] Jha, Ashok jha@DFTNIC.GSFC.NASA.GOV  
 [AJB20] Blennerhassett, A.J.  
 postmaster%aukuni.ac.nz@RELAY.CS.NET  
 [AJC11] Cole, Andrew J.  
 AJCOLE%AI.LEEDS.AC.UK@NSS.CS.UCL.AC.UK  
 [AK36] Kondo, Akio akondo@ASEVX1.ASE.SLB.COM  
 [AK62] Kwok, Alex ---none---  
 [AK70] King, Art ---none---  
 [AK75] Karna, Amitabh hjuxa!amit@DECVAX.DEC.COM  
 [AK76] Kornexl, Anton PARZ00%DERRZE1.BITNET@CUNYVM.CUNY.EDU

[AKC] Cheng, Albert K acheng@A.CS.UIUC.EDU  
 [AKC5] Costanzo, Albert K akc@PILOT.NJIN.NET  
 [AKH5] Hartwig, Arthur K  
 munnari!wombat.decnnet.uq.oz.au!ccarthur@UUNET.UU.NET  
 [AKS31] Stebbens, Alan K AKS@HUB.UCSB.EDU  
 [AL16] Liljeberg, Ake mcvax!hsn!ake@UUNET.UU.NET  
 [AL46] Linton, Andy Andy\_Linton%nc1.ac.uk@NSS.CS.UCL.AC.UK  
 [AL6] Layton, Alexis alex@XAIT.XEROX.COM  
 [AM129] McDermott, Andrew  
 andrew%informatics.rutherford.ac.uk@NSS.CS.UCL.AC.UK  
 [AM134] Mattasoglio, Andrea  
 mattas%imiclvx.bitnet@ICNUCEVM.CNUCE.CNR.IT  
 [AM139] Moog, Anja ---none---  
 [AM29] Mankin, Allison mankin@GATEWAY.MITRE.ORG  
 [AM54] MacPherson, Andrew andre@STL.STC.CO.UK  
 [AM92] Mott, Arch ---none---  
 [AM95] Mooney, Andrew F NARDACPENSA@NARDACVA.ARPA  
 [AMM14] Monteiro, Antonio M  
 MONTEIRO%POLYGRAF.BITNET@CUNYVM.CUNY.EDU  
 [AN31] Negro, Alberto alberto%udsab.uucp@UUNET.UU.NET  
 [AN32] Nudo, Al ---none---  
 [AP] Parker, R. Alan parker@CSS.NRL.NAVY.MIL  
 [AP25] Partan, Andrew asp@COS.COM  
 [AR41] Renard, Annie fr-zone-contact@INRIA.FR  
 [AR57] Randall, Angela RANDALL@EDN-VAX.ARPA  
 [AR60] Robbins, Arnold arnold@EMORYU1.CC.EMORY.EDU  
 [AR86] Reinhold, Andreas ---none---  
 [ARM5] Maffei, Andrew R mit-erl!aqua!arm@EDDIE.MIT.EDU  
 [ARS3] Silverman, Alan R. ---none---  
 [ART5] Thompson, A.R  
 postmaster%canterbury.ac.nz@RELAY.CS.NET  
 [AS116] Schindler, Albert  
 SHINDLER%CGEUGE51.BITNET@CUNYVM.CUNY.EDU  
 [AS62] Steiner, Albert AJS001%NUACC.BITNET@CUNYVM.CUNY.EDU  
 [AS90] Schoener, Anthony ---none---  
 [ASG] Gaylord, Arthur S ART@UMASS-GW.CS.UMASS.EDU  
 [ASW3] Watt, Alan S watt-alan@CS.YALE.EDU  
 [AT62] Tedja, Andreas indovax!andreas@UUNET.UU.NET  
 [AV20] Vilavaara, Asko vilavaar@RC.NOKIA.FI  
 [AW48] Wilcox, Andy ajw%ufl.csnet@RELAY.CS.NET  
 [AW56] Waldfogel, Asher ---none---  
 [AW65] Whiteman, Alan ---none---  
 [AW90] Walker, Amanda amanda%lts@UUNET.UU.NET  
 [AY10] Yamamura, Alan alany@SUNOPTICS.CALTECH.EDU  
 [AY11] Yeh, Arthur  
 C0298%univscvm.bitnet@CUNYVM.CUNY.EDU  
 [AZ] Zadeh, Ansari ansariza%tsuunix.uucp@RICE.EDU

[BA26] Ayres, Bill ayres@UCS.ORST.EDU

[RFC 1117](#)

Internet Numbers

August 1989

[BA41] Armstrong, Borden BArmstro%carleton.edu@RELAY.CS.NET  
[BA51] Au-Yeung, Ben ---none---  
[BA56] Allen, Brad W ulmo@SSYX.UCSC.EDU  
[BA59] Alting, Burn  
munnari!comperex.comperex.oz.au!burn@UUNET.UU.NET  
[BA60] Anderson, Bruce  
anderso%sagpd1%ncr-sd%ncrlnk.dayton.ncr.com@RELAY.CS.NET  
[BAB7] Burke, Barry A barry%adelie@HARVARD.HARVARD.EDU  
[BAC9] Cole, Bruce A Hostmaster@CS.WISC.EDU  
[BAT4] Tolliffe, Brin A TOLLIFFE@WESTPOINT.ARPA  
[BAV] Verser, Brick A BAV%KSUVM.BITNET@CUNYVM.CUNY.EDU  
[BB116] Bjorklund, Barbara dtasa@NEMS.ARPA  
[BB134] Buckingham, Bob bb@NCSC.ARPA  
[BB193] Blackburn, Barry ---none---  
[BB194] Barron, Billy billy@VAXB.ACS.UNT.EDU  
[BB208] Branch, Barry Barry%servax.bitnet@CUNYVM.CUNY.EDU  
[BB231] Butterworth, Brandon brandon@BBC.CO.UK  
[BB64] Boyter, Brian  
boyter%bimbo.uucp@VIRGINIA.ACC.VIRGINIA.EDU  
[BBJ2] Johnson, Bruce B BBJ@CORNELLA.CCS.CORNELL.EDU  
[BC130] Capouch, Brian brianca@SAINTJOE.EDU  
[BC133] Crews, Bill crews@EMX.UTEXAS.EDU  
[BC14] Cattani, Robert CATTANI@COLUMBIA.EDU  
[BC65] Chiarchiaro, Bill wjc@XN.LL.MIT.EDU  
[BC72] Carrihill, Brian carrhill@NYU.ARPA  
[BCH2] Howard, Barry C HOWARD@NMFEC.CC.ARPA  
[BD55] Down, Brian  
bdown%uturing%toronto.csnet@RELAY.CS.NET  
[BD56] Daniels, Bob bob@MASSCOMP.COM  
[BD89] Davelaar, Brian ---none---  
[BE10] Eriksen, Bjorn ber@ENEA.SE  
[BE35] Ehrmantraut, Brian auspex!bae@UUNET.UU.NET  
[BE6] Esposito, Bob espo@BPA.BELL-ATL.COM  
[BEC1] Chi, Benjamin E  
sysiln%albnylvx.bitnet@CUNYVM.CUNY.EDU  
[BEC5] Colley, Ben E TPMAINT%UMVMB.BITNET@CUNYVM.CUNY.EDU  
[BF81] Fincher, Bobby ARO@ST-LOUIS-EMH1.ARMY.MIL  
[BG23] Greasley, Bud bud@SQ.SQ.COM  
[BG25] Gorman, Bryan GORMAN@BRAGGVAX.ARPA  
[BGW3] Worden, Brian G worden%dkluni85.bitnet@RELAY.CS.NET

[BH103] Housley, Brian  
housley%cageir5a.bitnet@CUNYVM.CUNY.EDU  
[BH129] Hunter, Bill bhunter%ua1vm.bitnet@CUNYVM.CUNY.EDU  
[BH144] Halsey, Bridget bah@BANYAN.BANYAN.COM  
[BH161] Hulver, Barron  
phulver%oberlin.bitnet@CUNYVM.CUNY.EDU  
[BH162] Hardy, Ben ---none---  
[BH80] Haanstra, Bruce ---none---

[BIM] Margulies, Benson I KSR!BENSON@HARVARD.HARVARD.EDU  
[BJL5] Lustig, Barry J BARRY@ADS.COM  
[BJN1] Nemnich, Bruce bruce@THINK.COM  
[BJR2] Russell, Bill J RUSSELL@NYU.EDU  
[BK29] Kantor, Brian brian@UCSD.EDU  
[BK76] Kaye, Brian  
bdk%unb.bitnet@CORNELL.CCS.CORNELL.EDU  
[BK78] Kelton, Bruce munnari!pta.oz.au!bruce@UUNET.UU.NET  
[BKR] Reid, Brian Reid@DECWRL.DEC.COM  
[BL31] Lemley, Bob  
lemleyr%baylor.bitnet@CUNYVM.CUNY.EDU  
[BL92] Lord, Bob lord@ANDERSEN.COM  
[BM106] Mulligan, Brian brian%sphinx.co.uk@EDDIE.MIT.EDU  
[BM156] Mondics, Brian MONDICS@TL-20B.TARTAN.COM  
[BM164] McDougal, Bruce ---none---  
[BM168] Manderville, Bernie ---none---  
[BM178] Murphy, Bernie bmurphy%bnr.ca@CORNELL.CIT.CORNELL.EDU  
[BM68] Murray, Burton ---none---  
[BM79] Michie, Bob bob@NJITSC1.NJIT.EDU  
[BML2] Liblong, Breen M liblong@GAEA.WEST.SYMBOLICS.COM  
[BMS2] Segal, Ben M. ---none---  
[BMW7] Wilber, B. Michael wilber@SCORE.STANFORD.EDU  
[BN33] Neas, Bonnie  
NU099188%NDSUVM1.BITNET@CUNYVM.CUNY.EDU  
[BN38] Nelson, Brian brian%uoft02.bitnet@CUNYVM.CUNY.EDU  
[BN4] Nowicki, Bill nowicki@SUN.COM  
[BN9] Nesheim, Bill nesheim@THINK.COM  
[B026] Olausson, Bengt euaunix@EUAS12.ERICSSON.SE  
[B05] Ogilvy-Morris, Bruce bom%rsre.mod.uk@RELAY.MOD.UK  
[BP42] Powell, Brian H brian@CS.UTEXAS.EDU  
[BP52] Parker, Brad  
cayman!cayman!brad@HARVARD.HARVARD.EDU  
[BP57] Payne, Bob bpayne@NRAO.EDU

[BPW1]	Wright, Bradley P	AFDDN.WRIGHT@GUNTER-ADAM.ARPA
[BR104]	Reinhold, Barry	bbr@UNH.EDU
[BR106]	Rainey, Bill	bill@WYSE.COM
[BR79]	Rhoades, Brad	Tundra!mmm!brad@SUN.COM
[BR87]	Ruptash, Brian	bar@DATAPOINT.COM
[BR88]	Reid, Bill	Reid@CCM.UMANITOBA.CA
[BR92]	Rubin, Bill	RUBIN@IBM.COM
[BRB8]	Bangaru, Babu R.	---none---
[BS156]	Sandholm, Bo-Erik	enea!erix.ericsson.se!bosse@UUNET.UU.NET
[BS157]	Stoltz, Bill	stoltz@IDA.ORG
[BS168]	Stewart, Bruce	bruce@BIKINI.CIS.UFL.EDU
[BS196]	Schmid, Bernard	---none---
[BS24]	Shein, Barry	BZS@BU-CS.BU.EDU
[BS69]	Sweeny, Brent R	SWEENY@GOLD.BACS.INDIANA.EDU
[BSR]	Ridout, Brian S	RIDOUT@AFWL-VAX.ARPA

[BSW]	Seeber-Wagner, Barbara	bnsw@MBUNIX.MITRE.ORG
[BT4]	Teel, Bill	---none---
[BT5]	Tomlinson, Bob	tomlin@HC.DSPO.GOV
[BT65]	Tehan, Brian	---none---
[BV15]	Volz, Bernard	theta!alpha.local!volz@DECWRL.DEC.COM
[BV17]	Victor, Bjorn	victor@AIDA.CSD.UU.SE
[BW134]	Wilder, Bill	WDW@ACADIAU.CA
[BW138]	Wolfe, Brian	hfhrv!brian@MAILGW.CC.UMICH.EDU
[BW142]	Wrenn, Bill	---none---
[BW143]	Warner, Bill	---none---
[BW4]	Webb, Barry	galbp!gelac!bwebb@GATECH.EDU
[BWA]	Allen, Bobby W	allen@YUMA-EMH1.ARMY.MIL
[CA80]	Annable, Conni	annable@THORIN.HSCSA.UTEXAS.EDU
[CAD13]	DeFranco, Carl A., Jr	defranco@RADC-TOPS20.ARPA
[CAL7]	Leach, Charles A	CAL@OKC-UNIX.ARPA
[CAS1]	Steffey, Skeet	csteffey@WSMR-EMH05.ARMY.MIL
[CB162]	Beame, Carl	beame@MCMaster.CA
[CB180]	Bevins, Craig	ipso.ips.oz.au!craig@UUNET.UU.NET
[CB19]	Brooks, Charles E	brooks@EDN-VAX.DCA.MIL
[CB201]	Brigham, Craig	---none---
[CB42]	Ball, Charles	cball@INMET.INMET.COM
[CBD]	Dawson, Clive B	Clive@MCC.COM
[CBR2]	Ray, Charles B.	---none---
[CC108]	Clanton, Charles	---none---
[CC129]	Cline, Carol	

s5000!kline%mscunx.sp.unisys.com@RELAY.CS.NET  
 [CC89] Chaundy, Chris  
 munnari!ucsvc.dn.mu.oz!chris@UUNET.UU.NET  
 [CC99] Catlett, Charlie catlett@NCSA.NCSA.UIUC.EDU  
 [CD75] Dowat, Cary dowat%fnalnet.bitnet@CUNYVM.CUNY.EDU  
 [CDB4] Barnes, Carol D T45@A.ISI.EDU  
 [CE41] Erickson, Chris ---none---  
 [CE42] Erbacher, Claude ---none---  
 [CE52] Ess, Charles  
 dru001d%smsvma.bitnet@UMRVMB.UMR.EDU  
 [CF35] Fung, Charles cxf@SUNSPOT.RIT.EDU  
 [CF4] Frost, Cliff  
 cliff%UCBCMSA.Berkeley.EDU@JADE.Berkeley.EDU  
 [CF57] Fernandez, Carlos Fernandez@AFWL-VAX.ARPA  
 [CFB1] Brandt, Carl F carl%lsumvs.bitnet@CUNYVM.CUNY.EDU  
 [CFD4] Dunn, Charles F CHUCK@UBVM.CC.BUFFALO.EDU  
 [CFM1] Muckenhirn, Carl F Muckenhirn@DOCKMASTER.ARPA  
 [CG1] George, Calvin GEORGE@UV4.EGLIN.AF.MIL  
 [CG24] Generous, Curtis GENEROUS@DAITC.MIL  
 [CG64] Garrigues, Chris 7thSon@SLCS.SLB.COM  
 [CG85] Grossarth, Clyde ---none---  
 [CH102] Henderson, Clarence HENDERSON@GTEWD.ARPA

[CH170] Heck, Chuck CHUCK@PRISM.CLEMSON.EDU  
 [CH181] Hayward, Chris ---none---  
 [CJ38] Johnson, Chris johnson@NORTHEASTERN.EDU  
 [CJ57] Johnson, Charles crj@ICAD.COM  
 [CJB15] Bedore, Clifford J., III isavax!cliffb@UMD5.UMD.EDU  
 [CJL2] Lydick, Carl J carl@CITHEX.CALTECH.EDU  
 [CJW2] Weinstein, Clifford J cjl@LL-SST.ARPA  
 [CK92] Kim, Chankyu knmc%sorak.kaist.ac.kr@RELAY.CS.NET  
 [CK96] Kaulfuss, Christoph  
 WZ00600%DWOURZ0.BITNET@CUNYVM.CUNY.EDU  
 [CL104] Layton, Charles  
 munnari!ccadfa.cc.adfa.oz.au!tcl@UUNET.UU.NET  
 [CL115] Lee, Chun-mou ---none---  
 [CL64] Lynch, Clifford lynch@POSTGRES.Berkeley.EDU  
 [CL80] Leser, Christoph  
 leser%comvax.rus.uni-stuttgart.dbp.de@RELAY.CS.NET  
 [CLB36] Beckman, Connie L beckman%ceramics.bitnet@CUNYVM.CUNY.EDU  
 [CLH3] Hedrick, Charles L HEDRICK@ARAMIS.RUTGERS.EDU  
 [CM115] McDonald, Catherine M DDNMGR@ADEL01.ARMY.MIL



[CM116] Moret, Christophe sysgeg%frpoly11.bitnet@CUNYVM.CUNY.EDU  
 [CM130] Maeckel, Clay clay@CLARIS.COM  
 [CM144] Manners, Chris ---none---  
 [CM153] Maltby, Chris chris%softway.sw.oz.au@UUNET.UU.NET  
 [CM156] Michau, Christian UCIR059%FRORS31.BITNET@CUNYVM.CUNY.EDU  
 [CM57] Maxson, Charles maxson@CFA.HARVARD.EDU  
 [CMC6] Chow, Chai M chowcm@WPAFB-AMS1.ARPA  
 [CMG9] Glickman, Charles M glickman%evax2@RVAX.CCIT.ARIZONA.EDU  
 [CN33] Nelson, Christopher daslink!dasnet!dci2cn!chrisn@SUN.COM  
 [CNK1] Kafai, Corinna N cmcvax!corinna@HUB.UCSB.EDU  
 [CO16] Olson, Chris ---none---  
 [CP108] Peckham, Clarence ---none---  
 [CPK3] Kolb, Christopher P kolb@NISC.NYSER.NET  
 [CR117] Rapp, Chris dtg@IPAC.CALTECH.EDU  
 [CR127] Rice, Craig ricec@STOLAF.EDU  
 [CR24] Rokitansky, Carl-Herbert roki%DHAFEU52.BITNET@CUNYVM.CUNY.EDU  
 [CR83] Reynolds, Christine quirks@HUBCAP.CLEMSON.EDU  
 [CRC15] Campbell, Charles R GS0004%SIUCVMB.BITNET@CUNYVM.CUNY.EDU  
 [CRT4] Tettermer, Clair R., Jr. tettermer@NOSC.MIL  
 [CS136] Stokely, Celeste cstokely@COHERENT.COM  
 [CS2] Seitz, Charles L CHUCK@VLSI.CALTECH.EDU  
 [CS218] Schrimpe, Clemens csch@GARP.MIT.EDU  
 [CS219] Shak, Clifton ---none---  
 [CT64] Topolcic, Claudio topolcic@BBN.COM  
 [CTC5] Cole, Clement T clemc%osf.uu.net@UUNET.UU.NET  
 [CV14] Verboom, Charles ---none---  
 [CV25] Vaillancourt, Clement vaillan%ireqs3.uucp@OLIVER.CS.MCGILL.CA

[CVG1] van Gennip, Chel gennip%hlerul54.bitnet@CUNYVM.CUNY.EDU  
 [CW115] Wacker, Claude CCWACKER%CNEDCU51.BITNET@CUNYVM.CUNY.EDU  
 [CW42] Welty, Chris WELTYC@TURING.CS.RPI.EDU  
 [CWH3] Hunt, Craig W Hunt@ENH.NBS.GOV  
 [CWM17] Moser, C.W. ---none---  
 [CWR4] Reece, Carole Warner ---none---  
 [CYH] Huang, Chien Y 6026959%PUCC.BITNET@CUNYVM.CUNY.EDU  
 [DA73] Alter, Diane diane@RTECH.COM  
 [DA106] Aebersold, Dennis DAEBERSO@BIGBIRD.CC.WILLIAMS.EDU

[DAA14] Abbajay, David A  
hplabs!oracle!hqsun1!booger!dabbajay@SUN.COM

[DAF9] Futcher, Debbie A DFUTCHE@RELAY-NSWC.NAVY.MIL

[DAR20] Roth, Dean A lakesys!deanr@CSD1.MILW.WISC.EDU

[DAT4] Thomae, Doug A. ---none---

[DAVE] Roode, R. David Roode%orc.uucp@UNIX.SRI.COM

[DB] Brack, Dave DBRACK@NARDACDC002.ARPA

[DB162] Black, David ---none---

[DB186] Brooks, Doug brooks@CERL.CECER.ARMY.MIL

[DB211] Boss, Don ---none---

[DB263] Badrick, Dave ---none---

[DB273] Baker, Darryl dpb@TELLABS.CHI.IL.US

[DB296] Brown, David david%pyr@GATECH.EDU

[DB310] Base, David dbase@WASH-VAX.BBN.COM

[DB317] Bradt, Donna  
dbradt%emrcan.bitnet@CORNELL.CCS.CORNELL.EDU

[DB322] Bergstrum, Darryl hi-csc!bergstr@UMN-CS.ARPA

[DB35] Braniss, Danny danny@HUMUS.HUJI.AC.IL

[DB97] Bergum, David I., Jr Bergum@CIM-VAX.HONEYWELL.COM

[DBJ4] Johnson, David B drilltech!dbj@RICE.EDU

[DBL1] Long, Daniel B long@SH.CS.NET

[DBM16] Martin, Darrell B darrell@HACGATE.SCG.HAC.COM

[DC115] Comay, David S dsc@SEISMO.CSS.GOV

[DC126] Cogger, Dick rhx@CORNELL.CIT.CORNELL.EDU

[DC145] Crawford, Dennis Admin@LBNSY.ARPA

[DC159] Clar, Daniel CLAR%FRESE51.BITNET@CUNYVM.CUNY.EDU

[DC211] Capshaw, David Capshaw@AUSTIN.LOCKHEED.COM

[DC257] Carrasco, Denis ---none---

[DC99] Chan, David chan@BEK-MC.CALTECH.EDU

[DCL10] Loughry, Donald C don\_loughry%hp6600@HPLABS.HP.COM

[DCM20] Menges, David C. ---none---

[DCMW] Wood, David CM DCMWOOD@SPOT.COLORADO.EDU

[DCN19] Nicosia, David C dave@VISTA.COM

[DCS] Swinehart, Daniel C Swinehart.PA@XEROX.COM

[DCW9] Wells, Donald C dwells@NRAO.EDU

[DD11] Deal, Don don@PYR.GATECH.EDU

[DD112] Deeth, Dave ---none---

[DD41] DeGrossa, Dan NSC-Huen@DDN2.ARPA

[DD63] Dorosz, Dave dorosz@ESDVAX.ARPA

[DDC1] Clark, David D ddc@LCS.MIT.EDU

[DDK1] Knight, Donald D CC-SI@EDWARDS-2060.ARPA

[DEA] Anselmi, David E DANSELM@USACEC.ARPA  
 [DEP17] Page, Daniel E  
 depage%usmcp6.binnet@CORNELL.CCS.CORNELL.EDU  
 [DES41] Shafer, Don E e41276%rlvax1@LANL.GOV  
 [DES43] Smith, Daniel E des%uno.bitnet@CUNYVM.CUNY.EDU  
 [DET] Towson, David E TOWSON@BRL.MIL  
 [DF130] Foster, Doug ---none---  
 [DF71] Fordyce, David fordyce@CSC.TI.COM  
 [DF86] Faunt, Doug FAUNT@CLUTTER.CISCO.COM  
 [DF90] Finkelson, Dale dmf@FERGVAX.UNL.EDU  
 [DFH2] Hocking, Dan DHOCKING@ADA20.ISI.EDU  
 [DG110] Galloway, David DRG@CSRI.TORONTO.EDU  
 [DG146] Goodman, Dean ---none---  
 [DG177] Gallaher, Dale dale@DANDELION.CI.COM  
 [DG28] Gehrt, David L. dgorham@APG-1.ARPA  
 [DGH13] Hirsh, Donald G wucs1!wucs2!don@seismo.CSS.GOV  
 [DGL4] Loudon, Dennis G. ---none---  
 [DGT6] Taylor, David G taylor@RAND-UNIX.ARPA  
 [DH17] Hirsch, Doug DHIRSCH@BBN.COM  
 [DH241] Henize, Dewey ---none---  
 [DH76] Hawkins, Donita hawkins@NOSC.MIL  
 [DI11] Incerti, Dominique ---none---  
 [DID1] Dalva, David I dave@TIS.COM  
 [DIM2] Meiron, Daniel I Meiron@DIPOLE.CALTECH.EDU  
 [DJ99] Jordt, Dan danj@CAC.WASHINGTON.EDU  
 [DJB34] Banta, Dean J. ---none---  
 [DJD30] Dawson, Dana J dana@CRAY.COM  
 [DJF] Farber, David J farber@CIS.UPENN.EDU  
 [DJG2] Grim, Daniel J grim@HUEY.UDEL.EDU  
 [DJV1] Van Buer, Darrel J VANBUER@ECLA.USC.EDU  
 [DK101] Koblas, David koblas@MIPS.COM  
 [DK112] Keller, Debbie D1DSK%AKRONVM.BITNET@CUNYVM.CUNY.EDU  
 [DK116] Kasielke, Dieter 108%db0tuz01.bitnet@CUNYVM.CUNY.EDU  
 [DK2] Krafft, Dean B dean@GVAX.CS.CORNELL.EDU  
 [DK5] Kirby, Diana ---none---  
 [DK66] Konkin, Doug  
 doug%noah.arc.cdn%ubc.csnet@RELAY.CS.NET  
 [DK70] Kirschen, Dave kirschen@MULTIMAX.ARPA  
 [DKE2] Ely, David K dave-ely@A.ISI.EDU  
 [DLE6] Edwards, David L DLE@CSL.SRI.COM  
 [DLL32] Lippke, David L  
 lippke%utdalvm1.bitnet@CUNYVM.CUNY.EDU  
 [DLM1] Mills, Dave MILLS@HUEY.UDEL.EDU

[DLM34] Merrifield, David L. ---none---  
 [DLN12] Nash, Donald L don@THENIC.THE.NET  
 [DLW31] Wasley, David L dlw@VIOLET.Berkeley.EDU  
 [DM147] Morales, Dan ---none---  
 [DM157] Michael, Dennis dennis%ucrmath.UUCP@UCSD.EDU  
 [DM232] Morrison, David sysnet%vaxb.nu.cz@UUNET.UU.NET  
 [DM249] Morley, David  
 munarri!aaii.oz.au!morley@UUNET.UU.NET  
 [DM259] McDonald, D  
 D.McDonald%vaxa.strath.ac.uk%ukacr.l.bitnet@CUNYVM.CUNY.EDU  
 [DM269] McCrave, Donna mccrave@KODAKR.KODAK.COM  
 [DM27] McCallum, Doug mccallum@ICO.ISC.COM  
 [DM273] Minnich, David ---none---  
 [DM280] Mackie, Dave lupine!djm@UUNET.UU.NET  
 [DM313] McCord, David portal!cup.portal.com!david@SUN.COM  
 [DM35] Millard, David A ASBP@HAWAII-EMH.ARPA  
 [DM75] Murphy, Dave murphy@MGHCCC.HARVARD.EDU  
 [DM84] Morris, Don morris@NCAR.UCAR.EDU  
 [DMK18] Keirse, David M Keirse@ECLA.USC.EDU  
 [DML7] Lange, Diane M LANGE@CECOM-2.ARPA  
 [DN32] Nordlund, Dave  
 NORDLUND%UKANVM.BITNET@CUNYVM.CUNY.EDU  
 [DN69] Neuhauser, Douglas doug@SEISMO.GPS.CALTECH.EDU  
 [DN71] Nastoll, Dieter hrz100%de@hrz1a.bitnet@CUNYVM.CUNY.EDU  
 [D026] O'Reilly, Dennis ---none---  
 [D027] Oliver, David ansa%alvey.uk@CS.UCL.AC.UK  
 [DOR] Rowley, D. Owen acad!lux!owen@UUNET.UU.NET  
 [DP119] Peterson, Doug DOUG@ICASE.EDU  
 [DP149] Phipps, David davidp@METRO.UCC.SU.OZ.AU  
 [DP2] Pirtle, David A PIRTLE@KL.SRI.COM  
 [DP71] Palus, David ---none---  
 [DP91] Pennell, David ---none---  
 [DR137] Rageth, David rageth@SPOT.COLORADO.EDU  
 [DR161] Reese, Dave 1gtldmr@CCS.CSUSCC.CALSTATE.EDU  
 [DR183] Ruth, Doug ruth@ROBOTX.SRI.COM  
 [DR49] Reynolds, Dick hcx1!dick@UUNET.UU.NET  
 [DR71] Rettig, Duane ---none---  
 [DRE4] Ehrlich, Daniel Robert ehrlich@PSUVAX1.PSU.EDU  
 [DRM24] Meadows, Donald R doim-nm@SAAD-EMH1.ARMY.MIL  
 [DRM31] Miller, David R. ---none---  
 [DRS4] Smith, Dennis R SMITH@ECLC.USC.EDU  
 [DS229] Sabino, David sundc!sneezy!sabino@SUN.COM  
 [DS247] Salvin, Don dss@VMS.CIS.PITTSBURGH.EDU  
 [DS259] Smith, Dick csusac!dsmith@UCDAVIS.EDU  
 [DS303] Sturdivant, Darrell  
 darrell%etsuv2.decnet@UTADNX.CC.UTEXAS.EDU  
 [DS59] Schmidt, David davids@ISCUVA.ISCS.COM  
 [DS85] Smith, Dale C dsmith@OREGON.UOREGON.EDU

[RFC 1117](#)

## Internet Numbers

August 1989

[DSN4]	Notov, Daniel S	onm3b2!danno@UUNET.UU.NET
[DSP11]	St. Pierre, David	david@PACBELL.COM
[DSR]	Russell, Dale	dsr@JOVE.CAM.UNISYS.COM
[DT50]	Trinkle, Daniel	trinkle@CS.PURDUE.EDU
[DT59]	Tetreault, David J	DJT@NAVELEXNET-STIN.ARPA
[DTH]	Hsu, David T	hsu@ENEEVAX.UMD.EDU
[DW139]	Woerz, Dieter	unido!bossix!woerz@UUNET.UU.NET
[DW15]	Williams, Doug	WILLIAMSD@A.ISI.EDU
[DW159]	Wood, Dan	DWOOD@BBN.COM
[DW164]	Wiltzius, Dave	wiltzius@LLL-LCC.LLNL.GOV
[DW180]	Weber, Dieter	---none---
[DW195]	Williams, David	ESC1728%ESOC.BITNET@CUNYVM.CUNY.EDU
[DW198]	Williams, David	williamsd@NTSC-SEF.ARPA
[DW96]	Walker, David	dhwalker%ucivmsa.bitnet@CUNYVM.CUNY.EDU
[DWD20]	Daniel, David W	ddaniel@BLACKBIRD.AFIT.AF.MIL
[EB108]	Bibisi, Edmund	ebibisi%utm1.bitnet@CUNYVM.CUNY.EDU
[EB110]	Burrow, Elaine	mcvax!lucifer!elaine@UUNET.UU.NET
[EB112]	Brownrigg, Edwin	---none---
[EB33]	Barton, Edward	---none---
[EB95]	Baugh, Earl	baugh@HAL.CSS.GOV
[EC5]	Cain, Edward A	Cain@EDN-UNIX.DCA.MIL
[EC43]	Carroll, Eric	eric@ISTS.ISTS.CA
[ECM6]	Mulrean, Edward C	MULREAN%CUA.BITNET@CUNYVM.CUNY.EDU
[ED54]	Delattre, Eric	DELATTRE%FRCITL71.BITNET@CUNYVM.CUNY.EDU
[EEL2]	Leyba, Ernest E	LEYBAEE@AFOTEC.ARPA
[EF16]	Fair, Erik E	FAIR@APPLE.COM
[EF5]	Franceschini, Edi	FRANCESCHINI@NYU.EDU
[EFH4]	Hastings, Eugene F	HASTINGS@MORGUL.PSC.EDU
[EFH6]	Hale, E.F. (Buster), III	CCBUSTER@VM.CC.OLEMISS.EDU
[EG17]	Guglielmo, Eugene J	GUGLIELMO@CCF3.NRL.NAVY.MIL
[EG51]	Gould, Ed	ed@MTXINU.COM
[EH82]	Hann, Edward	Ed.Hann@DAYTON.NCR.COM
[EHH4]	Hunter, Eddie H.	---none---
[EJ12]	Jorgensen, Ed	jorg%lvva.span@SDS.SDSC.EDU
[EJ19]	James, Ed	edjames@BERKELEY.EDU
[EJN1]	Norman, Eric J	ejnorman@UNIX2.MACC.WISC.EDU
[EJS1]	Swenson, Eric John	ejs@GOLDHILL.COM
[EK18]	King, Edwin	King@SPAM.ISTC.SRI.COM
[EK48]	Kodinsky, Edward	kodinsk@MITVMA.MIT.EDU

[EK55]	Kroeker, Edwin	---none---
[EM67]	Rehm, Eric	REHM@CADSE.DEC.COM
[EM75]	Madden, Edward	sysmgr@CCISD2.CCF.ORG
[EMB]	Berg, Eric M	berg@TC.PW.COM
[EMH12]	Hayman, Edward M.	---none---
[EP53]	Peterson, Eric	lcc.eric@SEAS.UCLA.EDU

[EPA]	Allman, Eric P	eric@UCBVAX.Berkeley.EDU
[ER42]	Rose, Eric	---none---
[ER61]	Rugelis, Eriks	eriks@LIBRA.YORKU.CA
[ER75]	Ridenour, Eric	---none---
[ER76]	Richards, Elaine	postmaster@PYRAMID.COM
[ERC1]	Crane, Eric R	Eric.Crane@C.CS.CMU.EDU
[ERK3]	Kozel, Edward R	Kozel@SPAM.ISTC.SRI.COM
[EU4]	Underlee, Everett	---none---
[EY5]	Yamin, Elaine	---none---
[EZ3]	Zawacki, Edward	u17375%uicvm.bitnet@CUNYVM.CUNY.EDU
[EZ8]	Zafar, Esfandiar	zafar@CTRVX1.VANDERBILT.EDU
[FAF6]	Feurer, Frederick A	b8tefeu@MICULX.MINC.UMD.EDU
[FAS]	Segovich, Fred A	fred@XENURUS.GOULD.COM
[FB61]	Buetikofer, Fritz	U02F%CBEBDA3T.BTINET@CUNYVM.CUNY.EDU
[FB77]	Baker, Fred	baker%vitam6@UUNET.UU.NET
[FBR2]	Raab, Fritz B	unido!cosmo!fbraab@UUNET.UU.NET
[FD18]	de Kruijf, F	FREEK%DUTRUN.UUCP@UUNET.UU.NET
[FD41]	Dayton, Fred	fred%psuorvm.bitnet@CUNYVM.CUNY.EDU
[FDC2]	Craft, Frankie D.	---none---
[FE12]	Ernst, F	ernst%urz.unibas.ch@RELAY.CS.NET
[FE6]	Ellis, Frank	ellis@PVAMU.EDU
[FEJ3]	Jordan, F. Elaine	FEJORDA@SANDIA.GOV
[FF20]	Fore, Frank P., Jr	FPP@SWRI.EDU
[FG50]	Gerbode, Farrell	farrell@RICE.EDU
[FG51]	Goldstein, Fred	---none---
[FH35]	Haag, F.	---none---
[FH53]	Hanke, Florence	---none---
[FH59]	Hartranft, Frank	---none---
[FJB3]	Ball, Frederick J	ball@SRLVX0.SRL.FORD.COM
[FJG4]	Jacot-Guillarmod, Francois	---none---
[FJH1]	Halloran, Frank J	AMSEL-RD-COM-I@CECOM-3.ARPA
[FJS3]	Schmidt, F. Jeffery	JSCHMIDT%CDA@AMC-HQ.ARPA
[FL27]	Labalme, Fen	---none---
[FL34]	Liang, Fanny	---none---
[FMA1]	Avolio, Frederick M	avolio@DECUAC.DEC.COM

[FMM11]	Maish, F. Michael	maish@CAM.NBS.GOV
[FO17]	Oner, Fatma	---none---
[FT30]	Teraoka, Fumio	tera%cs1.sony.jp@RELAY.CS.NET
[FU1]	Ullings, Fons	fons@NAT.VU.NL
[FW17]	Wendling, Frederic	FWENDLING@NOTE.NSF.GOV
[FWD]	Dyner, Wolfgang J	DYNERW@HEIDELBERG-EMH1.ARMY.MIL
[GA45]	Abrahamian, Garnik	---none---
[GAB36]	Barbour, Gary A	gb@UVM.EDU
[GAG17]	Gentry, Glenn A.	---none---
[GAL5]	Loyola, Guillermo A	loyola%ibm-sj@RELAY.CS.NET
[GAM32]	Meijerink, Gert A	RCGERT%HENUT5.BITNET@CUNYVM.CUNY.EDU
[GAM35]	Marino, Giuseppe A	Joy.Marino@DIST.UNIGE.IT
[GAM8]	Moffett, Gordon A	gam@UTS.AMDAHL.COM

[GB125]	Brunkhorst, Geoffrey	gbb@FERMAT.MAYO.EDU
[GB133]	Bunsen, Guido	unido!rwthin!guido@UUNET.UU.NET
[GB157]	Bond, Gregory	munnari!melba.bby.oz.au!gmb@UUNET.UU.NET
[GB167]	Bassy, Gerard	---none---
[GB169]	Bartmuss, Gottfried	gob%guug.uucp@RELAY.CS.NET
[GB43]	Broomell, George	UKT101%UKCC.BITNET@CUNYVM.CUNY.EDU
[GB7]	Beling, Gerd	GBELING@A.ISI.EDU
[GC104]	Cunningham, Gene	---none---
[GC122]	Carpenter, Graham J	graham%ee.surrey.ac.uk@NSS.CS.UCL.AC.UK
[GC89]	Crawford, Geoff	---none---
[GCS8]	Scott, Glenn C	glenn@OTTO.LVSUN.COM
[GD80]	DeCoff, Gary	---none---
[GEOF]	Goodfellow, Geoffrey S.	Geoff@fernwood.mpk.ca.us
[GEOFF]	Mulligan, Geoffrey C	geoff@USAFA.ARPA
[GG110]	Gullbekk, Gunnar	---none---
[GG68]	Guillerm, Gerard	sysgeg%frpoly11.bitnet@CUNYVM.CUNY.EDU
[GGB2]	Baehr, G. Geoffrey	geoffb@TRWIND.TRW.COM
[GH105]	Huston, Geoff	munnari!csc.anu.oz!gih900@UUNET.UU.NET
[GH108]	Huxtable, Glenn	munnari!wacsvax.uwa.oz.au!root@UUNET.UU.NET
[GH125]	Hiscott, Greg	gjh@LIGO.CALTECH.EDU
[GH29]	Hidley, Gregory R	hidley%CS@UCSD.EDU
[GIH]	Hastie, Glenn I., II	hastie@SPAM.ISTC.SRI.COM
[GIL]	Lotto, Gerald I	lotto@LHASA.HARVARD.EDU
[GJ35]	Johnson, Glenn	---none---
[GK32]	Kenley, Gregory	---none---

[GK44]	Kunis, Gary	gkunis@BOEING.COM
[GKN1]	Newman, Gerard K	GKN@SDS.SDSC.EDU
[GL41]	Lindberg, Gunnar	lindberg@CS.CHALMERS.SE
[GLC18]	Cohler, Geoffrey L.	---none---
[GLD]	Durant, Geraldine L	jeri@MICRO.LL.MIT.EDU
[GLH5]	Hemphill, Gavin L	HEMPHILL@XX.DREA.DND.CA
[GLS39]	Schaps, Gary L	gls@CORDIS.COM
[GMP19]	Paxinos, Garry M	dune!pax@BELLCORE.BELLCORE.COM
[GMR]	Roemers, Gustaaf M	roemers@TSCA.ISTC.SRI.COM
[GMT6]	Trimble, Gary M	lams!gmt@AMES.ARC.NASA.GOV
[GOA]	Quilico, Grace O	QUILICO@CECOM-2.ARPA
[GP88]	Pitteloud, Gerard	K126309%CZHRZU1A.BITNET@CUNYVM.CUNY.EDU
[GR11]	Ricart, Glenn	glenn@MIMSY.UMD.EDU
[GR26]	Richter, Georg	urz07%dmswwulc.bitnet@CUNYVM.CUNY.EDU
[GR56]	Romano, Giuseppe	Romano@ICNUCEVM.CNUCE.CNR.IT
[GR67]	Roy, Greg	---none---
[GR9]	Rabinowitz, George	gr@BNL.GOV
[GS119]	Smith, Gordon	gordon@UNE.OZ.AU
[GS123]	Stone, Geof	geof@NETWORK.COM

[GS91]	Streeter, Guy	streeter@INGR.COM
[GT37]	Tyler, George E	dstlcl@LOGNET2.ARPA
[GTA]	Almes, Guy T	Almes@RICE.EDU
[GW107]	Wiebe, Glen	wiebe@BETHEL.EDU
[GW117]	Watson, Greg	greg@GRIFFIN.ITC.GU.OZ
[GW22]	Weiler, Grant	weiler@CS.UTAH.EDU
[GW40]	Wallace, Gary	gary%umass.csnet@RELAY.CS.NET
[GW49]	Ward, George	---none---
[HB60]	Boetzkes, H.A.P.A	mcvax!nlgvax!henkbo@UUNET.UU.NET
[HB76]	Bahmanyar, Hom	sjsumcs!hom@SUN.COM
[HB79]	Busch, Hubert	ZZZ387%DB0ZIB21.BITNET@CUNYVM.CUNY.EDU
[HC2]	Cho, Haesoon	hscho%kaist.csnet@RELAY.CS.NET
[HC24]	Chen, Ho	---none---
[HCV1]	Vander Hyde, Kriss C	VANDERK@AFAL-EDWARDS.AF.MIL
[HDW2]	Wactlar, Howard D	HDW@CS.CMU.EDU
[HE12]	Enjo, Hidekazu	enjo@NTTDPE.NTT.JP
[HE15]	Eidnes, Haavard	eidnes@IDT.UNIT.NO
[HEG6]	Garcia, Hugo E	hugo%tecmyvm.bitnet@UTADNX.CC.UTEXAS.EDU
[HF30]	Faerber, Hans-Juergen	fae@IITB.FHG.DE



[HG20] Geist, Harald unido!nixpbe!geist@UUNET.UU.NET  
 [HG51] Goehring, Hans-Georg  
 uzr112%dbnrhrz1.bitnet@CUNYVM.CUNY.EDU  
 [HH37] Hesselring, Hans  
 HESSELING%HGRRUG5.BITNET@CUNYVM.CUNY.EDU  
 [HH45] Hori, Hidehiko ---none---  
 [HH50] Honal, Heinrich  
 XBR1Y013%DDATHD21.BITNET@CUNYVM.CUNY.EDU  
 [HI7] Irie, Hideo  
 michael%tnkl.ws.sony.junet@RELAY.CS.NET  
 [HK2] Kensinger, Hollis HKENSINGER@RIA-EMH1.ARMY.MIL  
 [HK24] Knight, Holly holly@APPLE.COM  
 [HK35] Knops, Huub mcvax!swivax!huub@UUNET.UU.NET  
 [HKG2] Gilbert, Howard K gilbert%YALEVM.BITNET@MITVMA.MIT.EDU  
 [HK0] Orman, Hilarie K HO@TIS-W.ARPA  
 [HLW7] Lorenz-Wirzba, Heidi heidi@ELXBSD.CALTECH.EDU  
 [HM38] Mikami, Hirohide mikami%ntt-20@SUMEX-AIM.STANFORD.EDU  
 [HM68] McQueen, Herbert  
 munnari!csc.anu.oz.au!hsm157@UUNET.UU.ENT  
 [HML1] Long, Morrow H LONG-MORROW@CS.YALE.EDU  
 [HN20] Niederle, Herbert  
 I11C17%DM0TUI1S.BITNET@CUNYVM.CUNY.EDU  
 [HN21] Nakayama, Hitoshi  
 iizuka%jpnkisci.bitnet@CUNYVM.CUNY.EDU  
 [HN3] Naef, Heinz whna%cgch.uucp@UUNET.UU.NET  
 [HO13] Ohshiba, Hisashi ohshiba%nttica.ntt.jp@RELAY.CS.NET  
 [HP32] Price, Harold ---none---

[HP44] Parvamo, Heikki ---none---  
 [HR38] Rudolf, Heinz unido!konech!rudolf@UUNET.UU.NET  
 [HS23] Stenn, Hokey hokey@PLUS5.COM  
 [HT12] Tam, Henry  
 rmay%cornelld.bitnet@JADE.Berkeley.EDU  
 [HT19] Trickey, Howard trickey@ATT.ARPA  
 [HT40] Thurn, Herbert  
 BTR013%DBTHRZ5.BITNET@CUNYVM.CUNY.EDU  
 [HVS1] van Staveren, Hans sater@CS.VU.NL  
 [HW56] Wright, Hank ---none---  
 [HWB] Braun, Hans-Werner HWB@MCR.UMICH.EDU  
 [HWP2] Poor, Henry W. poor@RSMAS.MIAMI.EDU  
 [IH15] Hoyle, Ian  
 munnari!merlin.bhpmrl.oz.au!ianh@UUNET.UU.NET

[IHM]	Merritt, Ian H	IHM@NRC.COM
[IJD1]	Donkervoort, Ing. J.	---none---
[IKA]	Anderson, Irelann K	kerry%maine.bitnet@CUNYVM.CUNY.EDU
[IM24]	Martinez, Ignacio	mcvox!iris-dcp.es!martinez@UUNET.UU.NET
[IMK1]	Kirmer, Irwin M	kirmer@TECHNET.NM.ORG
[IRN]	Nassi, Isaac R	NASSI@ENCORE.COM
[IW5]	Winston, Ira	ira@CIS.UPENN.EDU
[JA]	Akkerhuis, Jaap	---none---
[JA1]	Aronson, Jules P	ARONSON@MCS.NLM.NIH.GOV
[JA13]	Aguirre, Jerry	---none---
[JA146]	Archimbaud, Jean-Luc	---none---
[JA155]	Alsters, Jos	josal@SCI.KUN.NL
[JA168]	Andrews, John	ja@ESS.CS.UCL.AC.UK
[JA91]	Angotti, Joseph J	jja496@CRANE-POE.NAVY.MIL
[JA92]	Anderson, Jack	ANDERSONJ@BATTELLE.ARPA
[JAC61]	Cavallaro, Jeffery A	Jeffery@SYS.CALTECH.EDU
[JAG3]	Gumpf, Jeffrey A	Gumpf@CWU.CWU.EDU
[JAJ17]	Jokl, James A	jaj@UVAARPA.VIRGINIA.EDU
[JAW16]	Wieclawek, Joseph A	jaw@SESUN.JPL.NASA.GOV
[JAW34]	Wabik, Jeff A	jwabik@SHAMASH.CDC.COM
[JB113]	Bennett, Jerome	bennett@DFTNIC.GSFC.NASA.GOV
[JB218]	Blondeau, Jim	jbb%tektools.tek.csnet@RELAY.CS.NET
[JB247]	Boyle, Joanne	boyle@JVNCB.CSC.ORG
[JB254]	Blows, Jeff	jeff@SMOKEY.OZ
[JB348]	Bashinski, John	BASHINSKI%SJSCA4@SPAR.SLB.COM
[JB360]	Boccio, John	boccio%swarthmore.edu@RELAY.CS.NET
[JB399]	Bonn, John	nmri!bonn@UUNET.UU.NET
[JB410]	Bradley, Jim	---none---
[JBP]	Postel, Jon	POSTEL@A.ISI.EDU
[JKR1]	Reynolds, Joyce K	JKREYNOLDS@VENERA.ISI.EDU
[JL115]	Little, John	portal!jel@SUN.COM
[JL15]	Lepreau, Jay	LEPREAU@CS.UTAH.EDU
[JL152]	Lange, John	

	hplabs!sun!texsun!radian!altair!johnl@RUTGERS.EDU	
[JL239]	Lo, Jeff	elan!jlo@AMES.ARC.NASA.GOV
[JL247]	Longchamp, Jean-Paul	jlongcha%ulys.unil.ch@CUNYVM.CUNY.EDU
[JL256]	Lay, Joel	xndrfn0h%servax.bitnet@CUNYVM.CUNY.EDU
[JL268]	Laventhol, Jonathan	---none---
[JL52]	Lekashman, John	lekash@ORVILLE.NAS.NASA.GOV

[JLD31] Delhaye, Jean-Loic delhaye@frmop11.bitnet@CUNYVM.CUNY.EDU  
 [JLM23] Mills, John L LIAISON@BCO-MULTICS.ARPA  
 [JLR4] Romkey, John L romkey@ASYLUM.SF.CA.US  
 [JLR43] Russell, James L russell@SOFTWARE.ORG  
 [JLS45] Sloan, John L jsloan%spots.wright.edu@RELAY.CS.NET  
 [JM246] Moretz, Joseph rogers@NEMS.ARPA  
 [JM278] Mazumdar, Jin ---none---  
 [JM292] Murai, Jun jun%utokyo-relay@RELAY.CS.NET  
 [JM303] Moorfoot, John jgm%charlie.oz@seismo.CSS.GOV  
 [JM304] McClurg, Jim ---none---  
 [JM414] Miceli, Joe joem@CMEVAX.SUNYSB.EDU  
 [JM451] Martell, Javier  
 NETS.J/MARTELL%ONTYME.TYMNET@OFFICE-1.ARPA  
 [JM468] Mathisen, Jaye icsu6000@CAESAR.CS.MONTANA.EDU  
 [JM493] Mann, John johnm@VAXC.CC.MONASH.EDU.AU  
 [JM551] Martillo, Joachim  
 decvax!frog!cpoint!martillo@UCBVAX.Berkeley.EDU  
 [JM561] Murdock, Joseph ---none---  
 [JM60] McCollum, Jim MCCOLLUM@TOPS20.DEC.COM  
 [JMM50] Moe, James M., Jr. ---none---  
 [JMR] Rushby, John M Rushby@CSL.SRI.COM  
 [JMRM] Matheson, James M.R  
 jmrm%digsys.engineering.cambridge.ac.uk@NSS.CS.UCL.AC.UK  
 [JMS17] Schlueter, Jens-M  
 schlueter%vax.awi-bremerhaven.dbp.de@RELAY.CS.NET  
 [JMS56] Snyder, Joel M jms@MIS.ARIZONA.EDU  
 [JMT18] Turner, James M  
 envos.com!jmtturn%rattler.uucp@XAIT.XEROX.COM  
 [JN40] Noble, John ---none---  
 [JN47] Nerbovig, Jerry ---none---  
 [JN91] Nichols, Jeff ---none---  
 [JO54] O'Connor, John ---none---  
 [JOG] Gartley, John O gartley%atc.alcoa.com@RELAY.CS.NET  
 [JOO] Ostlund, James O ostlund@SALK-ADM.SDSC.EDU  
 [JP147] Petragnani, Joseph petragna%sjuvax.sju.edu@RELAY.CS.NET  
 [JP207] Pansiot, Jean-Jacques ---none---  
 [JP220] Pace, Joe spked!pace@UCDAVIS.EDU  
 [JP232] Polk, Jeff polk@PRISMA.COM  
 [JP247] Powers, Jack powers@IBM.COM  
 [JP254] Prevost, Jacques PREVOST@DPHVX2.DECNET.CERN  
 [JP262] Poisson, Joe

00839%aeclcr.bitnet@CORNELLCC.CCS.CORNELL.EDU

[JPB17] Bossert, John P  
uw-beaver!uw-entropy!thebes!bossert@RUTGERS.EDU

[JPC17] Chion, J.P. ---none---

[JPD18] Draughon, J. Phillip jpd@ACCUVAX.NWU.EDU

[JPH17] Hanley, John P Hanley@CMCL2.NYU.EDU

[JPO4] O'Brien, John Paul  
decvax!ucf-cs!novavax!john@UCBVAX.Berkeley.EDU

[JPS17] Stoneback, John P allegra!mc70!stonebac@seismo.CSS.GOV

[JPS21] Sorensen, Jan P  
RKUJPS%NEUVM1.BITNET@CUNYVM.CUNY.EDU

[JPW11] Wies, J.P. ---none---

[JR15] Rhodes, John E jrhodes@LOGNET2.ARPA

[JR222] Roberts, Jeffrey hcrvax!jeff%hcr.com@RELAY.CS.NET

[JR262] Renfro, Jack ---none---

[JR38] Rutemiller, John Rutemiller@DOCKMASTER.ARPA

[JRA26] Adams, John R. ---none---

[JRC27] Chappell, Jim R jrc@PENTAGON-BCN.ARMY.MIL

[JRF] Fisher, James R jfisher@ISDRES.ISD.USGS.GOV

[JRF12] Fowler, James R jfowler@GALILEO.APO.NMSU.EDU

[JRJ12] Jaeger, Jay R. ---none---

[JRJ16] Johnson, Jack R. ---none---

[JRJ18] Jesson, J. R jesson@NRL-EXCALIBUR.ARPA

[JRL3] LoVerso, John Robert loverso@XYLOGICS.COM

[JRR14] Ragland, Joe R jrr@NCNOC.TUCC.EDU

[JRS48] Shaeffer, James R  
ASC02%AUDUCVAX.BITNET@CUNYVM.CUNY.EDU

[JRS67] Shiflett, James Russell Shiflett@SXFEP.HARC.EDU

[JRS8] Schwab, Jeffrey R jrs@ECN.PURDUE.EDU

[JS167] Shprentz, Joel shprentz@BDM.COM

[JS171] Scott, Jerry JERRY@TWG.COM

[JS210] Stearns, Jeff jeff@TC.FLUKE.COM

[JS255] Setzer, James ---none---

[JS268] Simonetti, J. ---none---

[JS28] Shriver, John A jas@PROTEON.COM

[JS281] Shultis, Jonathan daf@ZOG.CS.CMU.EDU

[JS283] Schwartz, Jack JSCHWARTZ@A.ISI.EDU

[JS338] Sherwood, John SHERWOOD@AC.DAL.CA

[JS450] Stalcup, J stalcup@TTACS1.TTU.EDU

[JS469] Segers, Jerry ---none---

[JS511] Shumate, John jcs@NCR-SD.SANDIEGO.NCR.COM

[JS81] Smith, Jeff aat@J.CC.PURDUE.EDU

[JSG1] Groff, John S SGROFF@CCJ.BBN.COM

[JSG5] Goodridge, Jon S JSG@BBN.COM

[JSL9] Lowe, James S james@CSD4.MILW.WISC.EDU

[JSM11] Miller, James S jmiller@CS.BRANDEIS.EDU

[JSOL] Solomon, Jonathan A jsol@BU-IT.BU.EDU

[JSQ1] Quarterman, John S jsq@LONGWAY.TIC.COM

RFC 1117

## Internet Numbers

August 1989

[JSS4] Sabnis, Jayant S SABNIS@CCF3.NRL.NAVY.MIL  
[JSW12] Williams, J. Scott scott%wwu.edu@RELAY.CS.NET  
[JSY2] Yaplee, Jeffrey S. ---none---  
[JT122] Thomassen, Jens Jens@IFI.UIO.NO  
[JT147] Thompson, James convex!jthomp@A.CS.UIUC.EDU  
[JT149] Tysko, John tysko@OUCS.OHIOU.EDU  
[JT166] Tuomola, Jari ---none---  
[JT167] Tingsell, Jan-Gunnar jgt@HUM.GU.SE  
[JV41] Voigt, John SYSBJAV@VM.TCS.TULANE.EDU  
[JV53] Vinh, Josianne  
mcvax!inria!ens.ens.fr!vinh@UUNET.UU.NET  
[JV69] Vaerno, Johan ---none---  
[JV70] Vannoy, John vannoy%pepvax.bitnet@CUNYVM.CUNY.EDU  
[JV74] Vincent, James ---none---  
[JVE2] Eindhoven, Jos van ---none---  
[JW136] White, James D jdwAARDVARK.UCS.UOKNOR.EDU  
[JW156] Wray, John JCW2%rsre@CS.UCL.AC.UK  
[JW181] Washer, James W washer@LLL-CRG.LLNL.GOV  
[JW196] Williams, John jfw@BRIDGE2.3COM.COM  
[JW254] Wright, John J.Wright%MASSEY.AC.NZ@RELAY.CS.NET  
[JW266] Westbrook, Jon jonwest@ROSEMOUNT.COM  
[JW301] Winkelman, Jim jrw%noaasel.gov@HANDIES.UCAR.EDU  
[JW302] Widen, Johan jw@SICS.SE  
[JW310] Waters, Jim waters@ARGUS.STANFORD.EDU  
[JW47] Wobus, John JMWOBUS@SUVM.ACS.SYR.EDU  
[JWB35] Bennett, John W jwb@VAXA.DSTO.OZ.AU  
[JWM3] Meidinger, James W jim@BIGBURD.PRC.UNISYS.COM  
[JWM53] Manly, John W  
jwmanly%amherst.bitnet@MITVMA.MIT.EDU  
[JWN10] Norris, James W a02jwn1%niu.bitnet@CUNYVM.CUNY.EDU  
[JY24] Yu, Jessica jyy@MERIT.EDU  
[JY33] Yoshida, Jun ---none---  
[KA4] Auerbach, Karl auerbach@CSL.SRI.COM  
[KAA] Adelman, Kenneth A Adelman@TGV.COM  
[KB60] Braun, Karl ---none---  
[KBC] Casey, Kevin B kbcasey@GALLUX.GALLAUDET.EDU  
[KC40] Chang, Kelly kccs!khc@AMES.ARC.NASA.GOV  
[KC8] Chen, Ken SIMNET-PERCEPTRONICS@A.ISI.EDU  
[KCM2] McDonald, Kelly C KCM%BYUADMIN.BITNET@CUNYVM.CUNY.EDU  
[KD36] DeJager, Keith sunatl!ninja!dj@SUN.COM  
[KDA5] Augustin, Kurt D AUGUSTINKD@AFOTEC2.ARPA  
[KDM5] Miller, Keith D. ---none---  
[KDM6] Mayer-Spohn, Klaus D ZRAM%DSORUS1I.BITNET@CUNYVM.CUNY.EDU

[KDO] Olum, Ken D KDO@LUCID.COM  
[KDZ] Zeilenga, Kurt D kurt@HC.DSPO.GOV  
[KEW8] Wampler, Kurt E  
hplabs!hpda!intersil!wampler@UNIX.SRI.COM  
[KFS] Sauer, Kurt F Sauer@DOCKMASTER.ARPA

[RFC 1117](#)

Internet Numbers

August 1989

[KFS2] Schmidt, K. F. ---none---  
[KG35] Gilmore, Kirk gilmore@GALILEO.AS.ARIZONA.EDU  
[KH74] Han, Kisoo kshan%etrivax.etri.re.kr@RELAY.CS.NET  
[KH88] Henriksen, Kyle kyle@TIS-W.ARPA  
[KHJ] Jobes, Karen H jobes%iassns.bitnet@CUNYVM.CUNY.EDU  
[KJ36] Johnson, Ken ---none---  
[KL31] Lamb, Kathleen klamb%cs9a@COLO.COLORADO.EDU  
[KL40] Lowe, Ken ken@BLAKE.ACS.WASHINGTON.EDU  
[KLS24] Smith, Kathryn L kathy@XN.LL.MIT.EDU  
[KM2] Maletsky, Kerry ---none---  
[KM79] Moran, Kathy ---none---  
[KM82] Murakami, Ken'ichiro murakami%ntt-20.ntt.jp@RELAY.CS.NET  
[KMC3] Crepea, Kenneth M Crepea@CCFS.ARPA  
[KMH8] Hays, Kenneth M hays%fsu.mfenet@NMFECF.ARPA  
[K011] O'Keefe, Kevin HAZELTINE@A.ISI.EDU  
[KP45] Petraska, Karen KAREN@UMBC3.UMD.EDU  
[KP50] Percival, Kent  
Percival%Vm.UoGuelph.CA@CORNELL.CCS.CORNELL.EDU  
[KR35] Reynolds, Keith keithr@SCO.COM  
[KR59] Rowett, Kevin ---none---  
[KR9] Rohan, Kevin JJKKRR@FORD-COS1.ARPA  
[KR69] Rabideau, Karen karen%tufts.bitnet@MITVMA.MIT.EDU  
[KRF5] Fuller, Kevin R. ---none---  
[KRH4] Hacke, Keith R Hacke@MDC.COM  
[KRM5] Magill, K. Richard oxtrap!rich@UUNET.UU.NET  
[KS121] Simpson, Kenneth ksimpson@LOIHI.HIG.HAWAII.EDU  
[KS133] Scully, Kevin ---none---  
[KS62] Simpson, Kathy ---none---  
[KSL] Lougheed, Kirk S LOUGHEED@MATHOM.CISCO.COM  
[KW2] Wescourt, Keith T WESCOURT@CEL.FMC.COM  
[KW8] Wuerfl, Karl  
wuerfl%vax1.rz.uni-regensburg.dbp.de@RELAY.CS.NET  
[LA55] Allison, Larry ---none---  
[LAB5] Butler, Lee A butler@STSCI.EDU  
[LAM1] Mamakos, Louis A louie@TRANTOR.UMD.EDU  
[LB110] Binding, Lothar \$45%dhdurz1.bitnet@CUNYVM.CUNY.EDU

[LB16] Bukys, Liudvikas bukys@CS.ROCHESTER.EDU  
 [LB164] Bradley, Larry larry@VM.NRC.CA  
 [LCH9] Holmberg, Leo C  
 CSERH000%KENTVMS.BITNET@CORNELL.CCS.CORNELL.EDU  
 [LCN] Nelson, Louis C lou@AEROSPACE.AERO.ORG  
 [LCS] Schreier, Louis C schreier@SPAM.ISTC.SRI.COM  
 [LCV] Varian, Lee C lvarian@PUCC.PRINCETON.EDU  
 [LD4] Damon, Lee nomad@CS.ORST.EDU  
 [LD46] Deni, Larry  
 deni%canisius.bitnet@CUNYVM.CUNY.EDU  
 [LDB3] Borchert, L. David borchert@BRAGGVAX.ARPA  
 [LE24] Eriksson, Lars-Anders larsa@TOTT.LIU.SE

[LF58] Felder, Harry janus!harry@UUNET.UU.NET  
 [LF61] Freil, Lawrence lef@DOGWOOD.ATL.GA.US  
 [LG91] Goodhue, Lynn  
 lgoodhue%smith.bitnet@MITVMA.MIT.EDU  
 [LH124] Hicks, Larry UIUCDCS!BRADLEY!LARZ@SEAS.UCLA.EDU  
 [LHG3] Gindler, Lawrence H  
 LGINDLER%TRINITY.BITNET@CUNYVM.CUNY.EDU  
 [LJ58] Jones, Louis postmaster@JAX.ORG  
 [LJC2] Crosby, Linda J LCROSBY@ST-LOUIS-EMH2.ARMY.MIL  
 [LJK] Kaufman, Lawrence J lkaufman@BBN.COM  
 [LJR5] Romero, Louis J. ---none---  
 [LK27] Kurtz, Linda J kurtz@[192.31.172.3]  
 [LL53] Lanzillo, Leo leo@SH.CS.NET  
 [LL56] Lattanzi, Len len@SYNTHESIS.COM  
 [LL64] Leedom, Leith casey@LLL-CRG.LLNL.GOV  
 [LL115] Lane, Lee llane@CISS.DAYTON.NCR.COM  
 [LLZ1] Zumbach, Lyle L. ---none---  
 [LM176] McDonald, Larry ---none---  
 [LM185] McCormick, Linda L.McCormick@UK.AC.GLA.ENG.CAE  
 [LM35] Michela, Larry J. ---none---  
 [LM88] McLoughlin, Lee  
 lmjm%DOC.IC.AC.UK@CS.UCL.AC.UK  
 [LN42] Nerenberg, Lyndon lyndon@CS.ATHABASCAU.CA  
 [LN47] Newton, Lawrence lnewt@MDA85.CANCER.UTEXAS.EDU  
 [LNZ] Zubkoff, Leonard N edsel!lnz@LABREA.STANFORD.EDU  
 [LO24] Oattes, Lee oattes@GPU.UTCS.UTORONTO.CA  
 [LO28] Owen, Larry owen%auducvax.bitnet@CUNYVM.CUNY.EDU  
 [LP71] Paniccia, Larry ---none---  
 [LPM] Michelson, Leslie P michelso@JVNC.F.CSC.ORG

[LR44]	Roy, Lynette	roy@GMR.COM
[LRB]	Bierma, Larry R	BIERMA@NPRDC.ARPA
[LRC7]	Custead, Larry R	CUSTEAD%SASK.BITNET@CUNYVM.CUNY.EDU
[LRR1]	Rogers, Lawrence R	lrr@PRINCETON.EDU
[LS103]	Schilmoeller, Leon	---none---
[LS198]	Shipley, Lisa	---none---
[LSV]	Vance, L. Stuart	stuart@THENIC.THE.NET
[LW26]	Winkler, Linda	B32357%ANLVM.BITNET@CUNYVM.CUNY.EDU
[LW89]	Wake, Larry	lkw@CSUN.EDU
[MA]	Accetta, Michael	MIKE.ACETTA@A.CS.CMU.EDU
[MA24]	Anderson, Melanie	melanie%ncsavmsa.bitnet@CUNYVM.CUNY.EDU
[MA56]	Alexander, Mark	kma%SAMSON.CADR.DIALNET.SYMBOLICS.COM@SCRC-RIVERSIDE.ARPA
[MA63]	Allen, Mike	mcvax!ethz!allen@UUNET.UU.NET
[MA88]	Andrews, Mark	marka@DMSSYD.DMS.OZ.AU
[MA105]	Ambriz-Maguey, Marco	red%unamvm1.bitnet@CUNYVM.CUNY.EDU
[MAB4]	Brown, Mark A	Mark@OBERON.USC.EDU
[MAJ1]	Johnson, M. A.	---none---

[MAJ14]	Jackson, Michael A.	---none---
[MAV4]	Verber, Mark A	verber@TUT.CIS.OHIO-STATE.EDU
[MAW25]	Waldschmidt, Mark A	MARKW%CPVB.SPAN@SDS.SDSC.EDU
[MB]	Brescia, Michael	BRESCIA@BBN.COM
[MB143]	Brichta, Michael	brichta@SIEMENS.SIEMENS.COM
[MB168]	de Barros, Marcus	marcus@BENO.CSS.GOV
[MB203]	Bernards, Marcel	mcvax!ecn!marcel@UUNET.UU.NET
[MB204]	Bounds, Mitchell	---none---
[MB26]	Brzustowicz, Mike	MAB@ADS.COM
[MB262]	Berchier, Marcel	BERCHIER%CFRUNI51.BITNET@CUNYVM.CUNY.EDU
[MB31]	Bereschinsky, Michael	BERESCHINSKY@A.ISI.EDU
[MC128]	Cooper, Mike	PACISMO@HAWAII-EMH.ARPA
[MC147]	Clark, Mark	mclark@NRAO.ARPA
[MC17]	Crawford, Matt	matt@ODDJOB.UCHICAGO.EDU
[MC202]	Curran, Mike	MCURRAN@NARDACDC002.ARPA
[MC65]	Corn, Michael	---none---
[MCA1]	Akers, Mary	steapqa@APG-EMH3.APG.ARMY.MIL
[MCB5]	Berch, Michael C	mcb@TIS.LLNL.GOV
[MCD11]	Donahue, Michael	---none---
[MCL9]	Linimon, Mark C	inp4!killer!mizarvme!linimon@UCBVAX.Berkeley.EDU
[MCSJ]	St. Johns, Michael	StJohns@NIC.DDN.MIL



[MD119] Draughn, Mark draughn@IITMAX.IIT.EDU  
 [MD127] Devauze, Michel  
 mcvax!inria!edfder1.der.donald!edfder1.der.donald  
 !devauze@UUNET.UU.NET  
 [MDC] Connor, Martin David mdc@HT.AI.MIT.EDU  
 [MDE3] Eggers, Mark D  
 CF4A8X%IRISHMVS.BITNET@CUNYVM.CUNY.EDU  
 [MDP16] Parker, Michael D chip!mparker@NOSC.MIL  
 [MSD30] Spicer, Marc D mspicer@BELVOIR-EMH3.ARMY.MIL  
 [ME38] Elvy, Marc ELVY@CARRARA.MARBLE.COM  
 [ME57] Ernst, Michael  
 r02ern%dhhdesy3.bitnet@CUNYVM.CUNY.EDU  
 [MF14] Fingerhut, Michael ircam!mf@UUNET.UU.NET  
 [MF19] Fedor, Mark fedor@patton.NYSER.NET  
 [MF31] Fouts, Martin FOUTS@AMELIA.ARC.NASA.GOV  
 [MF74] Fidler, Michael L ts0026@OHSTVMA.IRCC.OHIO-STATE.EDU  
 [MF96] Furnari, Mario mcvax!inria!arco!mf@UUNET.UU.NET  
 [MG120] Garcia, Mary ---none---  
 [MG16] Gallaher, Michael gallaher@TOPAZ.RUTGERS.EDU  
 [MG167] Gadiwalla, Muslim A MUSLIM@WINNIE.FIT.EDU  
 [MG58] Gilbert, Mike JNG%SLI.COM@UUNET.UU.NET  
 [MG95] Greisen, Marc ---none---  
 [MH118] Harper, Malcom  
 mkh%sevax.prg.oxford.ac.uk@CS.UCL.AC.UK  
 [MH198] Hirabaru, Masaki  
 hi%csce.kyushu.junet%utokyo-relay.csnet@RELAY.CS.NET

[MH225] Hamilton, Molly system@BEACH.GAL.UTEXAS.EDU  
 [MH82] Horton, Mark mark@CBLPF.ATT.COM  
 [MHW9] Warfield, Michael H wittsend!mhw@GATECH.EDU  
 [MJ33] Johnson, Mark ---none---  
 [MJ65] Jensen, Murray mjj%mimir.dmt.oz@UUNET.UU.NET  
 [MJA14] Ames, Michael J mike@JUPITER.NMT.EDU  
 [MJJ1] Jordaan, Martin J MJORDAAN@VAXB.NSWSES.NAVY.MIL  
 [MJM2] Muuss, Michael John MIKE@BRL.ARPA  
 [MJ04] O'Connor, Michael J OCONNOR@SCCGATE.SCC.COM  
 [MJ07] O'Donnell, Michael J. ---none---  
 [MK124] Karas, Michael KARAS@PENTAGON-OPTI.ARMY.MIL  
 [MK132] Kalscheuer, Michael ---none---  
 [MK133] Kawasaki, Masako  
 a70012b%kyu-cc.cc.kyushu-u.junet%utokyo-relay.  
 csnet@RELAY.CS.NET

[MK17]	Karels, Mike	karels@UCBARPA.BERKELEY.EDU
[MK38]	Kowitz, Mark	mark@ROCKY2.ROCKEFELLER.EDU
[MK68]	Kazar, Michael	kazar@ANDREW.CMU.EDU
[MK75]	Koulopoulos, Mike	well!rk@LLL-LCC.ARPA
[MK79]	Kito, Masafumi	kokubu%etl.jp@RELAY.CS.NET
[MKL]	Lottor, Mark K	MKL@NIC.DDN.MIL
[ML129]	Lobelle, Marc	ml@INFO.UCL.AC.BE
[ML62]	Levine, Michael	LEVINE@A.PSY.CMU.EDU
[ML95]	Liu, Mei-Ling	mliu@POLYSLO.CALPOLY.EDU
[MLC]	Corrigan, Michael	Corrigan@DDN3.ARPA
[MLT10]	Truesdell, M. Lynn	truesdel@PILOT.NJIN.EDU
[MM147]	Meyer, Mark	mark%unlcdc3.bitnet@CUNYVM.CUNY.EDU
[MM149]	Miller, Mark	LUMM@VAX1.CC.LEHIGH.EDU
[MM227]	Mohar, Mike	mohar@IDA.ORG
[MM313]	Marcinkevicz, Michael	mdm@GUMBY.DSD.TRW.COM
[MM333]	Moravan, Michael	moravan@CSUPWB.UCC.COLOSTATE.EDU
[MM334]	Murphy, Michael	mm06@GTE.COM
[MM352]	MacLeod, Micke	mmacleod@UTCCSP.SPRD.UTEXAS.EDU
[MM373]	Mills, M.	---none---
[MMH5]	Hayman, Martin M.	---none---
[MMJ1]	Janiczek, Martin	MJANICZEK@RIA-EMH1.ARMY.MIL
[MMM3]	McDonnell, Michael M	MIKE@ETL.ARPA
[MN36]	Nowlan, Michael	mcvax!cs.tcd.ie!michael@UUNET.UU.NET
[MN43]	Nusinov, Marc	---none---
[MN44]	Newbery, Michael	rs1.vuw.ac.nz!newbery@COMP.VUW.AC.NZ
[MN54]	North, Mike	BPTFMNPB%UIAMVS.BITNET@CUNYVM.CUNY.EDU
[M033]	Olafsson, Marius	marius%rhi.hi.is@UUNET.UU.NET
[M048]	Oros, Mark	oros@UMD5.UMD.EDU
[M057]	Ohta, Masataka	mohta%cc.titech.junet@RELAY.CS.NET
[MOUSE]	Parker, Mike	mouse@LARRY.MCRCIM.MCGILL.EDU
[MP12]	Petry, Michael	petry@TRANTOR.UMD.EDU
[MP138]	Portal, M.	---none---

[MP139]	Powell, Michael	powell@ISS.EATON.COM
[MP20]	Perras, Mickey	PERRAS@NUSC-ADA.ARPA
[MPM]	Mullen, M. Preston, Jr.	MULLEN@ITD.NRL.NAVY.MIL
[MQ7]	Quipourt, M.	---none---
[MR101]	Roberson, Milton	---none---
[MR137]	Rackley, Mike	Rackley@CC.MSState.EDU
[MR152]	Raff, Malcolm	mal@BIOSYS.APLDBIO.COM
[MR159]	Reilly, Michael	reilly%atari@DECWRL.DEC.COM

[MR160] Reichling, Matthias RZUW007%DWUUNI21.BITNET@CUNYVM.CUNY.EDU  
 [MR29] Russell, Mike ---none---  
 [MR78] Rotert, Michael  
 ZORN%GERMANY.CSNET@RELAY.CS.NET  
 [MRC13] Campbell, Michael R. ---none---  
 [MRK14] Kaufmann, Mark R wucs1!onemohr!mrk@UUNET.UU.NET  
 [MS101] Szymendera, Michael mikey%CANISIUS.EDU@RELAY.CS.NET  
 [MS171] Shapiro, Marc Marc.Shapiro@C.CS.CMU.EDU  
 [MS172] Simonians, Marina ---none---  
 [MS195] Shojima, Makoto ---none---  
 [MS22] Starner, Mark L starner@PRC.UNISYS.COM  
 [MS270] Sullivan, Michael jhunter@DGIS.ARPA  
 [MS272] Sadowski, Mike sadowski@CAIA.WRIGHT.EDU  
 [MS300] Scolyer, Mark  
 munnari!cidam.oz.au!rxxmts@UUNET.UU.NET  
 [MS301] Santangelo, Michael Mike\_Santangelo%UMUC@UMCA1.UMD.EDU  
 [MS9] Schoffstall, Martin Lee schoff@NISC.NYSER.NET  
 [MSA1] Andersson, Mats S enea!liuida!msa@seismo.CSS.GOV  
 [MSM1] Medin, Milo MEDIN@NSIPO.NASA.GOV  
 [MSM3] Marshall, Mike S hubcap@HUBCAP.CLEMSON.EDU  
 [MSP1] St. Paul, Mark stpaul@NMSU.EDU  
 [MT1] Tharenos, Michael tharenos@IBM.COM  
 [MT105] Tiberia, Marguerite ---none---  
 [MTF1] Franklin, Maurice T mfrankl@AFMPC-1.ARPA  
 [MU7] Urizar, Mike  
 DOSURIZA%IDBSU.BITNET@CUNYVM.CUNY.EDU  
 [MV24] Vasoll, Mark vasoll@A.CS.OKSTATE.EDU  
 [MV38] Vachon, Mario vachon@CLOUSO.CRIM.CA  
 [MV01] Van Overbeke, Mark mark%umnmor.bitnet@CUNYVM.CUNY.EDU  
 [MW135] Widell, Mike MWIDELL@CIM-VAX.HONEYWELL.COM  
 [MW171] Walter, Martin mawa@SUN1.RUF.UNI-FREIBURG.DBP.DE  
 [MW83] Wexler, Mike mikew@WYSE.COM  
 [MWS10] Stalnaker, Michael W MIKE@NRL-SSD.ARPA  
 [MY14] Yokotsuka, M yokotuka%icot.jp@RELAY.CS.NET  
 [NAK2] Kuo, Nancy A KUOA@ESDVAX.ARPA  
 [NAL] Lann, Neil nal@MORDOR.S1.GOV  
 [NB16] Ball, Nancy NancyB@AUSTIN.LOCKHEED.COM  
 [NC3] Chiappa, Noel JNC@XX.LCS.MIT.EDU  
 [ND22] Danielson, Nancy ---none---  
 [NG] Gower, Neil E GOWER@A.ISI.EDU

[NHC] Cuccia, Nichlos H cuccia@LLL-CRG.LLNL.GOV

[NJB7] Burr, Nancy Johnson Burr@CS.WASHINGTON.EDU  
 [NJG6] Gorsuch, Neil J NEIL@CPD.COM  
 [NM31] Mishkin, Nat apollo!mishkin@APOLLO.COM  
 [NM37] McNeill, Neil stan!neilm@BOULDER.COLORADO.EDU  
 [NMM] Minnich, N. Michael mminnich@HUEY.UDEL.EDU  
 [NMS5] Sturm, Neal M nsturm@PILOT.NJIN.NET  
 [NN20] Nadi, Najib nadi@VILLANOVA.EDU  
 [NT12] Todd, Neil mcvax!ist.co.uk!neil@UUNET.UU.NET  
 [NT13] Titley, Nigel  
 mcvax!axion.bt.co.uk!ntitley@UUNET.UU.NET  
 [NW25] Wilson, Nathan nathan@TELEOS.COM  
 [NW30] White, Nelson ---none---  
 [NY3] Yamamoto, Nobuhito  
 yamamoto%jpntsuku.bitnet@CUNYVM.CUNY.EDU  
 [OD8] Deguine, O. ---none---  
 [OG4] Gremont, Olivier  
 mcvax!inria!gipaltair-bdblues!root@seismo.CSS.GOV  
 [OK6] Khan, Osman mcvax!phcoms!khan@UUNET.UU.NET  
 [PA5] Almquist, Philip Almquist@SCORE.STANFORD.EDU  
 [PAG12] Ganschow, Paul A. ---none---  
 [PAG14] Greenberg, Peter A. ---none---  
 [PAK6] Kaslo, Philip A phil@ARIZONA.EDU  
 [PAN1] Nelson, Philip A phil%wwu.edu@RELAY.CS.NET  
 [PAP4] Prindeville, Philip A philipp@MC.LCS.MIT.EDU  
 [PB13] Beertema, Piet piet@CWI.NL  
 [PB40] Bowden, Phillip E BOWDENPE@VTVM1.CC.VT.EDU  
 [PB67] Boyle, Pat boyle%ubc.csnet@RELAY.CS.NET  
 [PC116] County, Phil  
 munnari!latvax8.lat.oz.au!ccpc@UUNET.UU.NET  
 [PCW] Wood, C. Philip cpw@LANL.GOV  
 [PD39] Delaney, Pete  
 pete%crvax.uucp%germany.csnet@RELAY.CS.NET  
 [PDB5] Barron, Patrick D pdb@SEI.CMU.EDU  
 [PE21] Eaton, Paul ---none---  
 [PE25] Evans, Phil  
 lc100%prime2.bristol-poly.ac.uk@NSS.CS.UCL.AC.UK  
 [PEK] Kane, Patrick E kane@URBANA.MCD.MOT.COM  
 [PEM4] McKenney, Paul E mckenney@TSCA.ISTC.SRI.COM  
 [PFK] King, Peter F peter\_king@NEXT.COM  
 [PFS2] Sass, Paul F SASS@A.ISI.EDU  
 [PG30] Graham, Paul pjg@UNRVAX.UNR.EDU  
 [PG40] Gillis, Paul paulg@USAGE.UNSW.OZ  
 [PG60] Gilli, Peter ---none---  
 [PG62] Gloor, Peter  
 gloor%csghsg53.bitnet@CUMYVM.CUNY.EDU  
 [PG76] Greenberg, Peter hombre!imclone!peter@UUNET.UU.NET  
 [PGA1] Apley, Phillip G. ---none---

---

[PGL]	Love, E. Paul	loveep@SDSC-SDS.ARPA
[PGM]	Milazzo, Paul G	milazzo@RICE.EDU
[PH106]	Halsey, Pauline	---none---
[PH111]	Hunter, Peter	---none---
[PH45]	Ho, Peter	HO@HAC2ARPA.HAC.COM
[PH73]	Hubbard, Paul	paul@OXY.EDU
[PHS1]	Schmidt, Paul H	pschmidt@BLACKBIRD.AFIT.AF.MIL
[PI7]	Isomaki, Pekka	PISOMAKI%FINFUN.BITNET@CUNYVM.CUNY.EDU
[PJ29]	Jensen, Peter	JENSEN@JARSUN1.ZONE1.COM
[PJ35]	Jaegle, Peter	peja@ISE.FHG.DE
[PJF7]	Feldner, Patrick J	feldner@IITMAX.IIT.EDU
[PJS22]	Sivo, Peter J	peter@KEY.COM
[PJT9]	Tyers, Peter J	munnari!trlluna.oz.au!tyers@UUNET.UU.NET
[PK]	Kirstein, Peter T	KIRSTEIN@NSS.CS.UCL.AC.UK
[PK19]	Karr, Penny	PKARR@BBN.COM
[PK28]	Karn, Phil	KARN@THUMPER.BELLCORE.COM
[PK69]	Kostenbader, Phil	kostenba%lafayett.bitnet@CUNYVM.CUNY.EDU
[PK73]	Kranenburg, Paul	pk%hlerul5i.bitnet@CUNYVM.CUNY.EDU
[PL37]	Laforgue, Pierre	laforgue@IMAG.FR
[PLH8]	Haymon, Paula Langford	apctrc!bigmac!haymon@UUNET.UU.NET
[PM115]	Myers, Patrick	myers%umist.ac.uk@CUNYVM.CUNY.EDU
[PM140]	Manske, Paul	---none---
[PM37]	Melvin, Phyllis	phyllis@BOEING.COM
[PM72]	Mies, Paul	unido!gmdzi!mies@seismo.CSS.GOV
[PM81]	Marshall, Peter	p.marshall@UWO.CA
[PMH3]	Henderson, P. Marshall	---none---
[PML1]	Lashley, Patrick M	cohesive!kla!pat@SUN.COM
[PN23]	Nellessen, Peter	CRTVAX!PN@SPICE.CS.CMU.EDU
[PNW]	Wan, Peter N	peter%msdc.uucp@GATECH.EDU
[PO16]	O'Regan, Paddy	---none---
[PP14]	Pomes, Paul	paul@UXC.CSO.UIUC.EDU
[PP36]	Patton, Paul	---none---
[PP62]	Peccararo, Paul	---none---
[PP77]	Park, Philippe	ppark@BBN.COM
[PR79]	Reid, Phil	---none---
[PRT2]	Taylor, Paul R	taylor@OSWEGO.OSWEGO.EDU
[PS173]	Sobering, Peter	TRIN3%TRINCC.BITNET@CUNYVM.CUNY.EDU
[PS191]	Sharma, Pradeep	sharma@ROHINI.TELECOMM.UMN.EDU
[PS27]	Spilling, Paal	SPILLING@A.ISI.EDU
[PSS1]	Schwarz, Phil S.	---none---
[PT23]	Tomb, Peter	ptomb%umass.bitnet@CUNYVM.CUNY.EDU
[PT55]	Teegarden, Paul	egtlspr@CCS.CSUSCC.CALSTATE.EDU

[PV23] Valotto, Peter J. ---none---  
[PW37] Woods, Paul ---none---

[RFC 1117](#)

Internet Numbers

August 1989

[PW49] Ware, Pete esosun!pete@SEISMO.CSS.GOV  
[PWM] Murphy, Patrick W pmurphy@ISDMNL.MENLO.USGS.GOV  
[QP] Fennessy, Quentin quentin%hub.umb.edu@RELAY.CS.NET  
[RA11] Adams, Rick rick@UUNET.UU.NET  
[RA17] Albrightson, Robert albright@JVNCA.CSC.ORG  
[RA62] Aschenbrenner, Rex Rex%CGI.COM@RELAY.CS.NET  
[RA66] Antonorsi, Richard ---none---  
[RA94] Allison, Roger ---none---  
[RAD15] Disque, Robert A disque@CAD.USNA.MIL  
[RAG36] Gilmour, R. A  
R.Gilmour%vme.glasgow.ac.uk@CUNYVM.CUNY.EDU  
[RAJ3] Johnson, Richard A RAJ@ICS.UCI.EDU  
[RAJ8] Jones, Richard A jones@COLO.COLORADO.EDU  
[RAK12] Kawin, Richard A kawin@INTREPID.S1.GOV  
[RAM57] Mann, Rex A. ---none---  
[RAR22] Ridder, Robert A. ---none---  
[RAR23] Ragosa, Richard A. ---none---  
[RAY4] Yamin, Raymond A. ---none---  
[RB187] Baxter, Richard baxter-richard@YALE.ARPA  
[RB218] Bentson, Randolph bentson%colostate.csnet@RELAY.CS.NET  
[RB219] Bybee, Robert ---none---  
[RB221] Blachley, Rick ---none---  
[RB253] Bjers, Richard  
CCONRDB%UCCVM1.BITNET@CUNYVM.CUNY.EDU  
[RB520] Bonham, Robert ---none---  
[RB548] Brazile, Robert brazile%iex.uucp@UUNET.UU.NET  
[RB567] Bradford, Robert netcoor@NCS.DND.CA  
[RB577] Bilson, Rod  
munnari!diemen.cc.utas.oz.au!rod@UUNET.UU.NET  
[RB578] Boelma, Rick mcvax!rivm!ccerick@UUNET.UU.NET  
[RBB2] Butler, Robert B rbutler@YUMA-EMH1.ARMY.MIL  
[RBP11] Park, Robert B. ---none---  
[RBW] Wales, Richard B WALES@CS.UCLA.EDU  
[RC113] Collier, Renee ---none---  
[RC234] Cape, Robert  
r.cape%stpaul.ncr.com@RELAY.CS.NET  
[RC241] Cairns, Rob ---none---  
[RC247] Chambers, Rita  
CHAMBERS%CEBAFVAX.BITNET@CUNYVM.CUNY.EDU

[RC29]	French, Ruth E	rFrench@WSMR-EMH08.ARMY.MIL
[RCD13]	Drye, Robert C	Rob.Drye@DARTMOUTH.EDU
[RCM9]	McQueen, Robert C	SIT.MCQUEEN@CU20B.COLUMBIA.EDU
[RD104]	Dirlewanger, Roland	rd@SUN8.LRI.FR
[RD108]	Dalhoff, Randal	GR.RFD%ISUMVS.BITNET@CUNYVM.CUNY.EDU
[RD91]	Dussaulx, Regine	---none---
[RDC36]	Carr, Robert D	cl30rdc@UTARLG.ARL.UTEXAS.EDU
[RDG12]	Garvie, Robert D	garvie%grumpy.dnet@SPOT.COLORADO.EDU
[RDM25]	Marzusch, Ralph-Diether	

	marzusch%rz.informatik.uni-hamburg.dbp.de@RELAY.CS.NET	
[RDQ]	Quigley, Roger D	quigley@SRI-LEWIS.ARPA
[RDR4]	Rockwell, R. Dennis	DROCKWELL@SH.CS.NET
[RE18]	Elz, Robert	munari!kre@UUNET.UU.NET
[RE22]	Enas, R	cdc-ddn@DDN2.ARPA
[RE73]	Evans, Robert	
	robert%computing-maths.cardiff.ac.uk@NSS.CS.UCL.AC.UK	
[REA3]	Amos, Robert E	amos@CRDEC3.APGEA.ARMY.MIL
[REB50]	Bruccoleri, Robert E	bruc%squibb.com@RELAY.CS.NET
[RED22]	Donnelly, Robert E.	---none---
[REN14]	Noonan, Robert E	noonan@CS.WM.EDU
[RER20]	Rogers, Robert E.	---none---
[RF130]	Funke, Rainer	
	unido!pbinfo!leo.uni-paderborn.de!rainer@UUNET.UU.NET	
[RF57]	Fajman, Roger	RAF%NIHCU.BITNET@CUNYVM.CUNY.EDU
[RFD1]	Donnelly, Robert F	DONNELLY@PICA.ARMY.MIL
[RG12]	Gulbranson, Roger	roger@UX.ACSS.UMN.EDU
[RG188]	Glowka, Ron	---none---
[RG92]	Gopstein, Richard	soleil!gopstein@RUTGERS.EDU
[RGB14]	Bookbinder, Robert G	lamont!rgb@COLUMBIA.EDU
[RGH21]	Hesser, Robert G.	---none---
[RH164]	Hoffmann, Ron	hoffmann@BITSY.MIT.EDU
[RH227]	Holt, Ron	icon%byuadam.bitnet@CUNYVM.CUNY.EDU
[RH271]	Hedberg, Roland	roland@UMU.SE
[RH278]	Helbig, Russell	---none---
[RH286]	Hagan, Randy	randy@PIKES.COLORADO.EDU
[RH5]	Hobby, Russell	RDHOBBY@UCDAVIS.UCDAVIS.EDU
[RH6]	Hinden, Robert	HINDEN@BBN.COM
[RH60]	Hale, Roger	ROGER@LL-SST.ARPA
[RHC3]	Cole, Robert H	rhc%otter@HPLABS.HP.COM
[RHM11]	Moreno, Robert H	rmoreno@WSMR-EMH82.ARMY.MIL
[RHS16]	Sweed, Richard H	SWEED@RADC-TOPS20.ARPA

[RJH33] Hickman, Robert J. ---none---

[RJH37] Hendley, R.J  
HendleyRJ%CS.BHAM.AC.UK@CUNYVM.CUNY.EDU

[RJL3] Liebschutz, Robert J rob@PRESTO.IG.COM

[RJP23] Plesset, Robert J RJP@SARNOFF.COM

[RJY2] Yount, Russell J rjy@MED.PITTSBURGH.EDU

[RK51] Kisiielewski, Richard ---none---

[RK75] Kocian, Ray kocian%sdr.slb.com@RELAY.CS.NET

[RKS1] Stodola, Robert K STODOLA@FCCC.EDU

[RL104] Lynch, Rich U10CA%WVNM.BITNET@CUNYVM.CUNY.EDU

[RL180] Levow, Roy levowrb%servax.bitnet@CUNYVM.CUNY.EDU

[RLB3] Broersma, Ronald L ron@NOSC.MIL

[RLG36] Gifford, Rick L. ---none---

[RLP30] Paulson, Ray L. ---none---

[RLP39] Rupp, Richard L., Jr rich%dss.med.nyu.edu@CUNYVM.CUNY.EDU

[RLR23] Reyenga, Robert L REYENGA@WESTPOINT.ARPA

[RLR36] Rawlins, Ray L ray@CC.USU.EDU

[RLR46] Ray, Ron L. ---none---

[RLS6] Smith, Ronald L COINS@A.ISI.EDU

[RLU3] Ullmann, Robert L Ariel@EN-C06.PRIME.COM

[RLY1] Young, Ronald L ron@UNSVAX.NEVADA.EDU

[RM120] McCarthy, Richard sp0003%bingvmb.bitnet@CUNYVM.CUNY.EDU

[RM125] McCorkle, Ray NSC-Keyport@DDN2.ARPA

[RM142] Michaels, Robert michael@HPLABS.HP.COM

[RM176] Merry, Rod ---none---

[RM177] Morrison, Robert morrison@OUTLAW.UWYO.EDU

[RM213] Mohr, Rupert UNIDO!RMI!ZENTRALE@UUNET.UU.NET

[RM306] Minder, Ruedi ---none---

[RM320] McGraw, Robert rmcgraw@SUNSPOT.NOAO.EDU

[RM8] Marantz, Roy MARANTZ@KLINZHAI.RUTGERS.EDU

[RMD26] Deering, Richard M. ---none---

[RMD27] Damerell, R.M damerell@NSS.CS.UCL.AC.UK

[RMF17] Fujii, Roger M rmf%media@PENTAGON-AI.ARMY.MIL

[RMF2] Frankston, Robert M bobf@LOTUS.COM

[RN25] Negaret, Roger ---none---

[RN29] Nomura, Ryo  
nomura%nttkb.ntt.junet%ntt-20@SUMEX-AIM.STANFORD.EDU

[RN58] Nienhueser, Rolf 910003%DOSUNI.BITNET@CUNYVM.CUNY.EDU

[RNB5] Berlinger, Robert N naftoli@AECOM.YU.EDU

[RNM1] MacKenzie, R. Neil cle%rsre.mod.uk@RELAY.MOD.UK

[RO44] Obendorf, Reinhard ZZOBI%DHVRRZN1.BITNET@CUNYVM.CUNY.EDU



[R058] O'Brien, Richard mcvax!planet.bt.co.uk!rob@UUNET.UU.NET  
 [RP191] Penumalli, Reddy ---none---  
 [RP88] Perry, Russ RUSS@CSUFRESNO.EDU  
 [RPD5] Drzyzgula, Robert P rcd@FED.FRB.GOV  
 [RPP] Pendleton, Ronald P PENDLETON@CCF3.NRL.NAVY.MIL  
 [RR156] Rizzio, Riah ---none---  
 [RR163] Ronke, Rainer  
 steffens%zedat.fu-berlin.dbp.de@RELAY.CS.NET  
 [RR18] Reisor, Ron REISOR@UDEL.EDU  
 [RR181] Ross, Rollo  
 munnari!levels.sait.oz.au!rollo.ross@UUNET.UU.NET  
 [RR184] Robak, Richard Robak@SM-ALC-C3PO.ARPA  
 [RR193] Rupp, Richard megatek!rupp@UCSD.EDU  
 [RR2] Romine, Raleigh F ROMINE@NOTE.NSF.GOV  
 [RR26] Reilly, William R REILLY@INDPLS-ASAFM1.ARMY.MIL  
 [RR33] Romanelli, Richard romanell@APG-EMH5.APG.ARMY.MIL  
 [RR97] Russell, Robb ROBB%DUVM.BITNET@CUNYVM.CUNY.EDU  
 [RS253] Saccoman, Remi remi%fragmentec.FR@UUNET.UU.NET  
 [RS255] Sinnhuber, Roger  
 rogers%cogs.sussex.ac.uk@NSS.CS.UCL.AC.UK  
 [RS348] Spellman, Robert RSpellman@BAT.BATES.EDU  
 [RS393] Svartstrom, Ralf ---none---  
 [RS401] Sarran, Richard sarran@TSCA.ISTC.SRI.COM

[RS406] Skalsky, Rick aaai@KSL.STANFORD.EDU  
 [RS409] Sassoon, Richard ---none---  
 [RS414] St. Pierre, Robert stpierre@ULOWELL.EDU  
 [RSD2] Dixon, Robert S  
 ts0400@%OHSTVMA.BITNET@CUNYVM.CUNY.EDU  
 [RSH] Hammel, Randall S rsh@SUPER.ORG  
 [RSM1] Miles, Robert S rsm@NRTC.NORTHROP.COM  
 [RT114] Toussaint, Riley TOUSSAINT@NUSC.ARPA  
 [RT140] Thirlby, Rob rob%sun.lut.ac.uk@CUNYVM.CUNY.EDU  
 [RT142] Turner, Robert ---none---  
 [RT144] Trepos, Raymond trepos@IRISA.FR  
 [RT147] Tribble, Richard ---none---  
 [RT148] Thornton, Ronald thornton@QM7501.GENRAD.COM  
 [RT60] Thigpen, Robert  
 decvax!savax!thigpen@UCBVAX.Berkeley.EDU  
 [RTD] Drinkard, Richard T Drinkard@GARFLD.MSFC.NASA.GOV  
 [RV32] Volk, Ruediger rv%unido@UUNET.UU.NET  
 [RW164] Waterfield, Rusty JRW100T%ODUVM.BITNET@CUNYVM.CUNY.EDU

[RW206] Wilson, Ric ---none---

[RW45] Waffle, Ron waffle@SM-EDS.ARPA

[RWA15] Altheide, Richard W C0004@UMRVMB.UMR.EDU

[RWC34] Camerer, Robert W rwc116@MINSY-POE.ARPA

[RWH5] Henry, Robert W rwh@UCBVAX.BERKELEY.EDU

[RWT2] Tinker, Robert W tinker@DTIX.ARPA

[SA] Allen, Scott ---none---

[SA47] Ayers, Stephen ---none---

[SA65] Alexander, Steve stevea%laidbak@SUN.COM

[SA72] Aoshima, Shigeru ---none---

[SAB17] Baird, Scott A. ---none---

[SAK3] Kahn, Steven A steve@APLVAX.JHUAPL.EDU

[SB167] Brown, Syngen brown%kingston.ac.uk@CUNYVM.CUNY.EDU

[SB185] Bungler, Sam ---none---

[SB28] Bradner, Scott SOB@HARVARD.HARVARD.EDU

[SB90] Brady, Sean brady@DCN9.ARPA

[SB98] Barber, Stan SOB@BCM.TMC.EDU

[SBB9] Burdick, Scott B SBBUR%CONNCOLL.BITNET@MITVMA.MIT.EDU

[SBH4] Heidt, Samuel B  
sysdbh%gsuvml.bitnet@CUNYVM.CUNY.EDU

[SBW4] Whidden, Samuel B sbw@MATH.AMS.COM

[SC136] Carter, Sam carter@ENSUN.CSS.GOV

[SC139] Corbett, Stanley A SAC@ASIF1.ARPA

[SC143] Cliffe, Steve  
munnari!wolfen.cc.uow.oz.au!steve@UUNET.UU.NET

[SC3] Casner, Stephen L CASNER@A.ISI.EDU

[SC59] Campbell, Stephen Steve.Campbell@DARTMOUTH.EDU

[SC81] Callahan, Sean sean@ELXSI.CALTECH.EDU

[SCP6] Pope, Stephen C scp@SANTAFE.EDU

[SCT2] Tollbom, S. Cullen d39080%pnl.mfenet@NMFEC.C.ARPA

[SD1] Dyer, Stephen dyer@HARVARD.HARVARD.EDU

[SD78] Donegan, Steve ---none---

[SDD8] Derry, Stephen D sdd@UXV.LARC.NASA.GOV

[SDF5] Freyder, Stephen D FREYDER%CPVB.SPAN@SDS.SDSC.EDU

[SE31] Eldridge, Steve eldridge@ALDERAAN.SCRC.SYMBOLICS.COM

[SE49] Elias, Steve spdcc!eli@HARVARD.HARVARD.EDU

[SEL10] Logcher, Suzanne E logcher@DECVAX.DEC.COM

[SF34] Fenstermacher, Scott IUSRDSF%WMMVS.BITNET@CUNYVM.CUNY.EDU

[SF41] Fogel, Steve  
SFOGEL!MTCS!MTXINU@UCBARPA.Berkeley.EDU

[SF46] Fountain, Steven stevef@MATHER1.ARPA

[SF59]	Fulcomer, Sam	sgf@CSC.BROWN.EDU
[SFJ]	Johnston, Scott F.	---none---
[SG1]	Grandi, Steve	grandi@NOAO.ARPA
[SG58]	Garrett, Spencer	srg@QUICK.COM
[SG83]	Garwood, Steve	---none---
[SG88]	Gai, Silvano	silvano%itopoli.bitnet@CUNYVM.CUNY.EDU
[SGC]	Chipman, Stephen G	CHIPMAN@BBN.COM
[SGR1]	Roediger, Steve G.	---none---
[SH160]	Hung, Saneming	---none---
[SH37]	Heker, Sergio	heker@JVNCA.CSC.ORG
[SH47]	Hallstrom, Steve	SteveH@BLAKE.ACS.WASHINGTON.EDU
[SH71]	Herber, Steve	herber@ANDY.BGSU.EDU
[SHB]	Blumenthal, Steven H	BLUMENTHAL@BBN.COM
[SI8]	Ilnicki, Slawomir	---none---
[SJ28]	Jensen, Soren	SERGEJ@DIKU.DK
[SJ55]	Jacob, Stephen	lognet2!sjacob@LOGNET1.ARPA
[SJJ]	Lucks, Steven J.	---none---
[SJM9]	Mahler, Stephen J	mahler%usl-pc%usl.csnet@RELAY.CS.NET
[SJP10]	Piatz, Steven J	piatz@SP.UNISYS.COM
[SJS11]	Schroeder, Steven J	SJS%PSUVM.BITNET@CUNYVM.CUNY.EDU
[SK102]	Kaplan, Scott	---none---
[SL122]	Lynne, Stuart	sl@WIMSEY.BC.CA
[SL47]	Laube, Sheldon	cfisun!shel@HARVARD.HARVARD.EDU
[SL55]	Leaviseur, Sean	SJL%UKC.AC.UK@CS.UCL.AC.UK
[SL68]	Langlois, Sylvain	sylvain@CHORUS.FR
[SL70]	Levy, Stuart	slevy@UC.MSC.UMN.EDU
[SL97]	Lee, Sang	---none---
[SLH19]	Howell, Steven L	showell@NSWC-WO.ARPA
[SM111]	Mandell, Stewart	mandell@BN1.ARPA
[SM137]	Morgan, Scott	smorgan@ARIEL.UNM.EDU
[SM157]	McBride, Sam	mcbride%niehs.bitnet@CUNYVM.CUNY.EDU
[SM164]	Milton, Scott	root@CSIS.OZ.AU
[SM188]	Moss, Stephen	---none---
[SM197]	Miller, Scott	---none---
[SM6]	McLinden, Sean	MCLINDEN@CADRE.DSL.PITTSBURGH.EDU
[SM62]	Mackey, Sandy	skm@MITRE-OMAHA.ARPA

[SM83]	McPherson, Stew	stew@CSUPWB.COLOSTATE.EDU
[SM96]	Morris, Scooter	scooter@CGL.UCSF.EDU
[SMF5]	Feldman, Steven M	feldman@TYMNET.COM
[SMK2]	King, Stephen Michael	KING@HQAFSC-VAX.ARPA

[SMP2] Polinsky, Steven M SMPCU%CUNYVM.BITNET@CUNYVM.CUNY.EDU  
 [SMS1] Schultz, Steve M sms@ETN-WLV.EATON.COM  
 [SN52] Naarding, Steven mcvax!nlcvx.convex.nl!jep@UUNET.UU.NET  
 [S035] Oetinger, Steve ---none---  
 [SP69] Perelgut, Steve perelgut@TURING.TORONTO.EDU  
 [SP81] Portner, Stan escd!stan@DECWRL.DEC.COM  
 [SP86] Piccardi, Stefano  
 oliveb!trzdor1.ico.olivetti.com!stefano@SUN.COM  
 [SPR1] Roth, Stefan P spr%pyr@GATECH.EDU  
 [SR77] Rousseau, Susan susan@NUSC.ARPA  
 [SRC16] Cary, Stephen R cary@RISCSM.SCRIPPS.EDU  
 [SS110] Smith, Stanfield stan@H1.GCY.NYTEL.COM  
 [SS131] Sutphen, Steven  
 steve%alberta.cdn%ubc.csnet@RELAY.CS.NET  
 [SS172] Sidner, Steve sac.prc@E.ISI.EDU  
 [SS208] Shurr, Scott sshurr@WELLESLEY.EDU  
 [SS218] Seitz, Steffen iase001%dtuzdv5a.bitnet@CUNYVM.CUNY.EDU  
 [SS226] Sewall, Scott sewall@UMN-CS.CS.UMN.EDU  
 [SS80] Schaller, Skip skip@AS.ARIZONA.EDU  
 [SSW] Wolff, Stephen S SWOLFF@NOTE.NSF.GOV  
 [SW111] Wasserroth, Stephan  
 wasserroth%fokus.berlin.gmd.dbp.de@RELAY.CS.NET  
 [SW114] Weismuller, Steve ---none---  
 [SW142] Westberg, Sven-Ove sow@CAD.LUTH.SE  
 [SW143] White, Stephen SRGHSPW@WNV.DSIR.GOV.NZ  
 [SW37] Whalen, Sue whalen@CS.NPS.NAVY.MIL  
 [SW69] Winn, Scott F SWINN@NARDACDC002.ARPA  
 [SW73] Warren, Scott scott@ROSETTA.COM  
 [SW78] Wadle, Steve ---none---  
 [SWR3] Rogers, Scott W scottr@CSC-LONS.ARPA  
 [SWW6] Weller, Scott W  
 rochester!tropics!orion!sww.uucp@UUNET.UU.NET  
 [SY8] Yokota, Shozo  
 [SZ21] Zapata, Santiago  
 szapata%vmtecmex.bitnet@CUNYVM.CUNY.EDU  
 [TA24] Asami, Tohru ---none---  
 [TAP15] Pham, Tuan A. ---none---  
 [TB4] Baker, Theodore TBAKER@AJPO.SEI.CMU.EDU  
 [TB64] Becker, Tony tony%ucf.edu@RELAY.CS.NET  
 [TC112] Corsetti, Tom tomc@DFTSRV.GSFC.NASA.GOV  
 [TC72] Crouch, Terry TCROUCH@RIA-EMH1.ARMY.MIL  
 [TC84] Carter, Tom tom@ALTAIR.CSUSTAN.EDU  
 [TD40] Davis, Tom DAVIS@UV4.EGLIN.AF.MIL  
 [TD68] Dunning, Terry ---none---

[TDG9] Gerrity, Timothy D tgerrity@CRVAX.SRI.COM  
[TDM8] Mudgett, Trish Dailey ---none---  
[TE16] Eldredge, Timothy g.eldre@SCORE.STANFORD.EDU  
[TES16] Swazuk, Thomas E swazuk@GRAD.CIS.TEMPLE.EDU  
[TF30] Frohling, Ted tsf@RVAX.CCIT.ARIZONA.EDU  
[TF6] Ferrin, Thomas TEF@CGL.UCSF.EDU  
[TFB3] Blakely, Thomas F tfb%unfvm.bitnet@CUNYVM.CUNY.EDU  
[TG67] Goldblatt, Ted ted@TELEMATICS.COM  
[TG68] Gross, Tim gross@TSB.NRL.NAVY.MIL  
[TGN] Norman, T.G  
net-admin!cs.flinders.oz.au@UUNET.UU.NET  
[TGS6] Sickles, Theodore G. ---none---  
[TH101] Hackl, Toni anh%dgaipp1s.bitnet@CUNYVM.CUNY.EDU  
[TH111] Hunkapiller, Tim tim@HOOD.CALTECH.EDU  
[TH15] Holt, Tracy holt@GMUVAX.GMU.EDU  
[TH60] Hutton, Thomas hutton@SCUBED.COM  
[THD] Dunigan, Thomas H DUNIGAN@MSR.EPM.ORNL.GOV  
[THL3] Lee, Timothy H tlee@ISDDEN.ISD.USGS.GOV  
[TJ] Jacobson, Thomas thomas@UC.MSC.UMN.EDU  
[TJF13] Frivold, Thane J frivold@UNIX.SRI.COM  
[TJT1] Tessin, Timothy J tjt@TIS.LLNL.GOV  
[TK43] Kobayashi, Tsutomu koba%ntt-20@SUMEX-AIM.STANFORD.EDU  
[TK60] Kimura, Tomonori tk%ait.th@UUNET.UU.NET  
[TLL8] LaQuey, Tracy L tracy@EMX.UTEXAS.EDU  
[TM10] Mallory, Tracy tmallory@CCV.BBN.COM  
[TM166] Morris, Thomas ---none---  
[TM169] McNeal, Terry mcneal%grin1.bitnet@CUNYVM.CUNY.EDU  
[TM19] McGill, Thomas C TCM@SSDP.CALTECH.EDU  
[TM37] Lafleur, Tom LAFLEUR@QUALCOMM.COM  
[TM57] Mead, Theodore mead@CC.ROCHESTER.EDU  
[TMD6] Dillon, Theresa M tmd@MBUNIX.MITRE.ORG  
[TMH6] Herrick, Thomas M DCAB600@DDN1.ARPA  
[TML] Louden, T. Michael LOUDEN@MITRE.ARPA  
[TMR11] Rowlett, Thomas M rowlett#tom%b.mfenet@NMFEC.C.ARPA  
[TN11] Nielsen, Torben torben@DORSAI.ICS.HAWAII.EDU  
[TN17] Nijssen, Teun TEUN%HTIKUB5.BITNET@CUNYVM.CUNY.EDU  
[TN29] Newell, Tom Newell@TWG.COM  
[TN40] Naito, Takashi gack%nttspa.ntt.jp@RELAY.CS.NET  
[TN5] Nolan, Ted ted@BRAGGVAX.ARPA  
[T04] Oishi, Tosaku oishi%etl.junet%etl.jp@RELAY.CS.NET  
[TONY] Holland, Anthony R TONY@KL.SRI.COM  
[TP58] Pittari, Tony ---none---  
[TPS5] Senay, Terence P. ---none---  
[TR38] Radzykewycz, Tim calma!radzy@UCBVAX.Berkeley.EDU  
[TR62] Reed, Tim wash08!txr98@UUNET.UU.NET  
[TRG4] Giebelhaus, Tim R hi-csc!apcimps!tim@UUNET.UU.NET  
[TS107] Smith, Thorn ---none---

[TS118] Silva, Tone silva@DSPVAX.MIT.EDU

[RFC 1117](#)

Internet Numbers

August 1989

[TS14] Stuckey, Trish TRISH@TRANTOR.HARRIS-ATD.COM  
[TS141] Schneider, Tom ---none---  
[TS144] Scialdone, Tony ---none---  
[TS146] Stoneley, Tony  
ajms%phx.cam.ac.uk@NSS.CS.UCL.AC.UK  
[TS147] Sato, Tomomitsu tomo%keo.junet@RELAY.CS.NET  
[TS154] Shimoyama, Tomoaki tomo%ctc.citoh.jp@UUNET.UU.NET  
[TS158] Suzuki, Tomio  
kddlal!rkna50.riken.junet!r21233@UUNET.UU.NET  
[TS160] Saito, Tetsuya ---none---  
[TS31] Symchych, Tim symchych@NCS.DND.CA  
[TSC11] Collins, Terrance S macomw!tcollins@NOSC.MIL  
[TSD3] Dunn, Thomas S. ---none---  
[TT32] Thomas, Tony ---none---  
[TT35] Terbush, Terry tlt%gwuvm.bitnet@CUNYVM.CUNY.EDU  
[TT60] Tran, Tony versatc!tran@SUN.COM  
[TT69] Tuomi, Tarmo ---none---  
[TT70] Terrall, Tom tlt%oclcrsun.bitnet@CUNYVM.CUNY.EDU  
[TV29] Vijlbrief, Tom mcvax!tnosoes!tom@UUNET.UU.NET  
[TVF1] Fossum, Timothy V fossum@VACS.UWP.WISC.EDU  
[TW3] West, Todd west@CCF3.NRL.NAVY.MIL  
[TW51] Wadlow, Tom A taw@MORDOR.S1.GOV  
[TWH19] Higbe, Thomas W ASNB\_LER\_P@PENTAGON-OPTI.ARMY.MIL  
[UB3] Bilting, Ulf BILTING@PURDUE.EDU  
[US2] Straumann, Ulrich  
K538915%CZHRZU1A.BITNET@CUNYVM.CUNY.EDU  
[VAF] Fuller, Vince VAF@SCORE.STANFORD.EDU  
[VBK] Kava, Victor B. ---none---  
[VC5] Cericole, Victor, Jr vcerico@APG-3.ARPA  
[VEP] Polichar, Valerie E pslvax!valerie@UCSD.EDU  
[VH21] Hutchison, Vicki vicki@QUALCOMM.ARPA  
[VHB] Barnes, Vonnie H VBARNES@RELAY-NSWC.NAVY.MIL  
[VL24] Lasker, Valerie ---none---  
[VLG] Gordon, Vicki L VGORDON@A.ISI.EDU  
[VM49] Moore, Virgil ABC@ARLVS1.ARLUT.UTEXAS.EDU  
[VS13] Schryver, Vernon vjs@sgi.com  
[VS50] Summerour, Vic  
vic%utsw.decnnet@UTADNX.CC.UTEXAS.EDU  
[WA16] Armitage, William  
wja%computer-science.nottingham.ac.uk@CS.UCL.AC.UK

[WAA6]	Arbaugh, William A	ARBAUGH@HQDA-AI.ARPA
[WAG5]	Guthmiller, Wayne A	wag@RISC.COM
[WAH11]	Hunt, Warren A., Jr	HUNT@CLI.COM
[WAW11]	Winner, Wendy A	wendy@BRL.ARPA
[WB102]	Brinkmann, Willi	---none---
[WB53]	Ball, Wayne	wball%umass.bitnet@CUNYVM.CUNY.EDU
[WC86]	Cheng, Wing	objy!objy1!wing@SUN.COM
[WC89]	Chapeskie, Wayne	microsof!waynec@UUNET.UU.NET

[RFC 1117](#)

Internet Numbers

August 1989

[WCW7]	Wells, William C.	---none---
[WCWI]	Ince, W.C.W	
	admin_sys%math.waterloo.edu@RELAY.CS.NET	
[WD27]	Dair, Willis	DAIR%SCU.BITNET@JADE.Berkeley.EDU
[WDL]	Lazear, Walter D	LAZEAR@GATEWAY.MITRE.ORG
[WDR7]	Rolph, W.D.	---none---
[WDS11]	Smith, William D	smith@GROUCHO.MRC.UIDAHO.EDU
[WDW2]	Welch, William D., Jr	ingr!zaiaz!bill@UUNET.UU.NET
[WE12]	Edgington, Will	wedgingt@DU.EDU
[WF3]	Fink, William E	bill@NET.NRL.NAVY.MIL
[WF42]	Fulton, William	iswaf@DCATLA.COM
[WG]	Graves, Wayne	WRGraves@LBL.ARPA
[WGS4]	Stefancik, W. Gregg	wstef@ENG.CLEMSON.EDU
[WH108]	Helgers, Wim	mcvax!westc!netadm@UUNET.UU.NET
[WH110]	Holmes, Walter	---none---
[WH64]	Hake, Wolfgang	
	UHRZS007%DBIUNI11.BITNET@CUNYVM.CUNY.EDU	
[WH96]	Hein, W.	---none---
[WJ2]	Johnston, William E	wejohnston@LBL.GOV
[WJF1]	Flynn, William J.	---none---
[WJM26]	Marko, William J	wmarko@UB.D.UMN.EDU
[WK56]	Koblitz, Werner	mcvax!egh780!koblitz@UUNET.UU.NET
[WKT]	Tong, William K	Tong@SBCS.SUNYSB.EDU
[WL31]	Lampeter, William	bill@CS.ROCHESTER.EDU
[WLB5]	Boyer, William L	WLB@NCIFCRF.GOV
[WLG7]	Gordon, Windy L.	---none---
[WLJ7]	Jones, William L	jones@HARRAR.CHPC.UTEXAS.EDU
[WLR6]	Riess, William L.	---none---
[WM10]	Moore, Wire	wire@INTEL-IWARP.ARPA
[WM110]	Manning, William	bmanning@MICRO.TI.COM
[WM3]	Melohn, William	Melohn@SUN.COM
[WM68]	Magnussen, Walt	X048WM%TAMVM1.BITNET@CUNYVM.CUNY.EDU
[WM96]	Marty, Walter	---none---

[WMT] Tyson, William Mabry TYSON@AI.SRI.COM  
[WP8] Prue, Walter PRUE@A.ISI.EDU  
[WPBS] Sjouw, Wim P.B  
sjouw%hutruu51.bitnet@CUNYVM.CUNY.EDU  
[WR66] Roberts, Wayne wmr@POTOMAC.ADS.COM  
[WRH20] Harris, Weldon R killer!escort!harris@AMES.ARC.NASA.GOV  
[WRR5] Ritchie, William R DDNWRR@FLTAC-POE.ARPA  
[WRS28] Stevens, W. Richard stevens@HSI.COM  
[WS94] Spirk, Werner  
A2824AB%DMOLRZ01.BITNET@CUNYVM.CUNY.EDU  
[WSC5] Currie, W.S  
S.Currie%edinburgh.ac.uk@CUNYVM.CUNY.EDU  
[WT39] Tolle, Werner  
wet%tumuc.e-technik.tu-muenchen.dbp.de@RELAY.CS.NET  
[WTE4] Embach, William T bill%ucf1vm.bitnet@CUNYVM.CUNY.EDU

[WU1] Underwood, Walter wunder@HPLABS.HP.COM  
[WVDS] van der Scheun, Willem bssara%sara.nl@CUNYVM.CUNY.EDU  
[WW2] Wedel, Wally wedel@NGP.UTEXAS.EDU  
[WWP8] Plummer, William W Plummer@DOCKMASTER.ARPA  
[WWS] Seemuller, William W BILL@ETL.ARPA  
[YB4] Banno, Yoshiaki  
Banno%JPNKEKVM.BITNET@CUNYVM.CUNY.EDU  
[YD2] Despond, Yves  
despond%clsepf51.bitnet@CUNYVM.CUNY.EDU  
[YK3] Kameyama, Yukiyoshi kam%riec.tohoku.junet@RELAY.CS.NET  
[YN] Nguyen, Yen yen@ARINC-GW.ARPA  
[YS10] Saito, Yaski yaski%ntt-20@SUMEX-AIM.STANFORD.EDU  
[ZSU] Su, Zaw-Sing ZSu@TSCA.ISTC.SRI.COM



## APPENDIX A

The network numbers in class A, B, and C network addresses are allocated among Research, Defense, Government (Non-Defense) and Commercial uses.

## Class A (highest-order bit 0)

Research allocation:	8
Defense allocation:	24
Government allocation:	24
Commercial allocation:	94
Reserved Addresses: (0, 127)	2
Total	128

## Class B (highest-order bits 1-0)

Research allocation:	1024
Defense allocation:	3072

Government allocation:	3072
Commercial allocation:	12286
Reserved Addresses: (0, 16383)	2
Total	16384

Class C (highest-order bits 1-1-0)

Research allocation:	65536
Defense allocation:	458725
Government allocation:	458725
Commercial allocation:	1572862
Reserved Addresses: (0, 2097151)	2
Total	2097152

Class D (highest-order bits 1-1-1-0)

All addresses in this class are allocated for multicast use.

Class E (highest-order bits 1-1-1-1)

All addresses in this class are reserved for future use.

Experimental networks which later become operational need not be renumbered. Rather, the identifiers could be moved from Research to Defense, Government or Commercial status. Thus, network identifiers may change state among Research, Defense, Government and Commercial, but the number of identifiers allocated to each use must remain within the limits indicated above. To make possible this fluid assignment, the network identifier spaces are not allocated by simple

partition, but rather by specific assignment.

Also, organizations not currently affiliated with the Internet may be assigned numbers for networks for non-connected service. If at some later time such networks are connected to the Internet (with appropriate prermissions and approvals) the networks need not be renumbered.

Authors' Addresses

Sue Romano  
SRI International  
Network Information Systems Center

333 Ravenswood Avenue, EJ217  
Menlo Park, CA 94025

Phone: (415) 859-5539

Email: SUE@NIC.DDN.MIL

Mary Stahl  
SRI International  
Network Information Systems Center  
333 Ravenswood Avenue, EJ296  
Menlo Park, CA 94025

Phone: (415) 859-4775

Email: STAHL@NIC.DDN.MIL

Mimi Recker  
SRI International  
Network Information Systems Center  
333 Ravenswood Avenue, EJ268  
Menlo Park, CA 94025

Phone: (415) 859-2110

Email: Mimi@NIC.DDN.MIL