Network Working Group
Request for Comments: 1020
Obsoletes RFCs: 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

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INTERNET NUMBERS

STATUS OF THIS MEMO

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

Introduction

The responsibility for the assignment of IP numbers and ASNs has been assumed by Hostmaster at the DDN Network Information Center (NIC). The Hostmaster staff are indebted to Dr. Jon Postel and Ms. Joyce Reynolds of the Information Sciences Institute at the University of Southern California for their ongoing assistance.

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.

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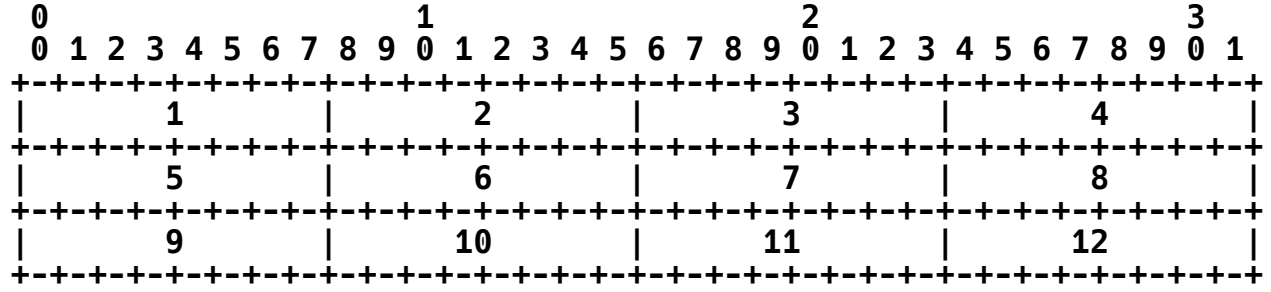
Most of the protocols used in the Internet are documented in the RFC series of notes. Some of the items listed are undocumented. Further information on protocols can be found in the memo "Official Internet Protocols" [32]. The more prominent and more generally used are documented in the "DDN Protocol Handbook" [12] prepared by the NIC. Other collections of older or obsolete protocols are contained in the "Internet Protocol Transition Workbook" [13], or in the "ARPANET Protocol Transition Handbook" [14]. For further information on ordering the complete 1985 DDN Protocol Handbook, contact the Hostmaster.

The entries 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") cites the handle of the responsible person. The NIC Handle is a unique identifier that is used in the NIC WHOIS (NICNAME) service. People sometimes change electronic mailboxes. To find out the latest mailbox or phone number of a contact, use the NIC WHOIS/NICNAME server or contact HOSTMASTER@SRI-NIC.ARPA.

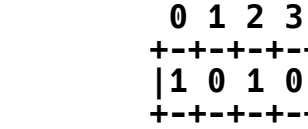
The convention used for the documentation of Internet Protocols is to express numbers in decimal and to picture data in "big-endian" order [31]. That is, fields are described left to right, with the most significant octet on the left and the least significant octet on the right.

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).



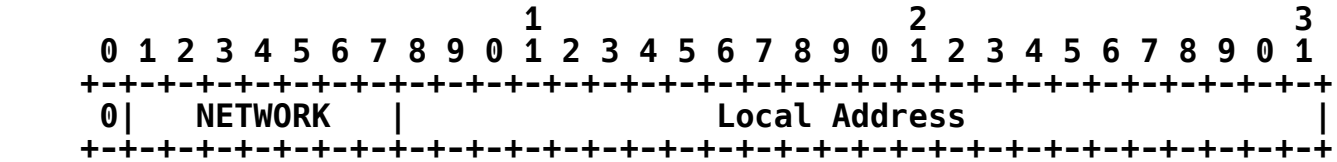
Significance of Bits

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.

NETWORK NUMBERS

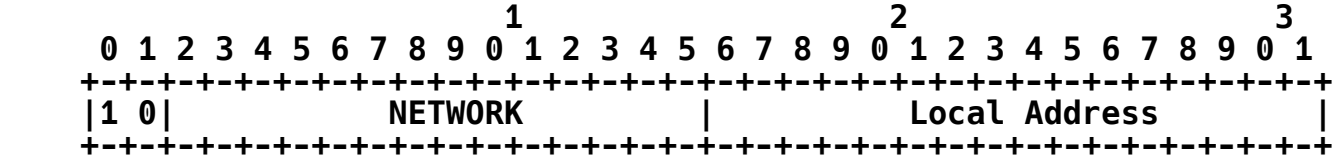
The network numbers listed here are used as internet addresses by the Internet Protocol (IP) [11,21]. The IP uses a 32-bit address field and divides that address into a network part and a "rest" or local address part. The division takes 4 forms or classes.

The first type of address, or class A, has a 7-bit network number and a 24-bit local address. The highest-order bit is set to 0. This allows 128 class A networks.



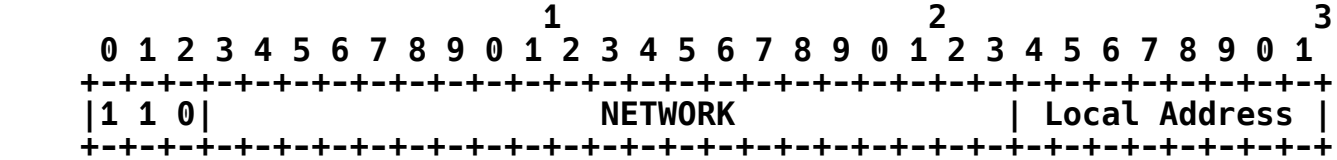
Class A Address

The second type of address, class B, has a 14-bit network number and a 16-bit local address. The two highest-order bits are set to 1-0. This allows 16,384 class B networks.



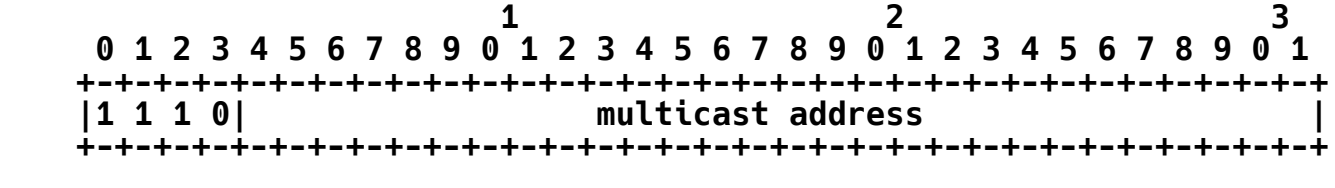
Class B Address

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 [10]. 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 catagories 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	Name	Network	References
	000.rrr.rrr.rrr		Reserved	[JBP]
	001.rrr.rrr.rrr-003.rrr.rrr.rrr		Unassigned	[NIC]
R	004.rrr.rrr.rrr	SATNET	Atlantic Satellite Network	[SHB]
	005.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
D	006.rrr.rrr.rrr T	YPG-NET-TEMP	Yuma Proving Grounds	[4,BWA]
D	007.rrr.rrr.rrr T	EDN-TEMP	DCEC EDN	[EC5]
R	008.rrr.rrr.rrr T	BBN-NET-TEMP	BBN Network	[JSG5]
	009.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	010.rrr.rrr.rrr	ARPANET	ARPANET	[4,JS283]
D	011.rrr.rrr.rrr	DODIIS	DoD INTEL INFO SYS	[AY5]
C	012.rrr.rrr.rrr	ATT	ATT, Bell Labs	[MH82]
C	013.rrr.rrr.rrr	XEROX-NET	XEROX Internet	[39,JNL1]
C	014.rrr.rrr.rrr	PDN	Public Data Network	[JS283]
R	015.rrr.rrr.rrr	HP-INTERNET	Hewlett-Packard-Internet	[13,WU1]
	016.rrr.rrr.rrr-017.rrr.rrr.rrr		Unassigned	[NIC]
R	018.rrr.rrr.rrr T	MIT-TEMP	MIT Network	[7,31,DDC1]
	019.rrr.rrr.rrr-020.rrr.rrr.rrr		Unassigned	[NIC]
D	021.rrr.rrr.rrr	DDN-RVN	DDN-RVN	[MLC]
D	022.rrr.rrr.rrr	DISNET	DISNET	[JM28]
D	023.rrr.rrr.rrr	DDN-TC-NET	DDN-TestCell-Network	[DH17]
	024.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	025.rrr.rrr.rrr	RSRE-EXP	RSRE	[RNM1]
D	026.rrr.rrr.rrr	MILNET	MILNET	[FLM2]
R	027.rrr.rrr.rrr T	NOSC-LCCN-TEMP	NOSC / LCCN	[RH6]
R	028.rrr.rrr.rrr	WIDEBAND	Wide Band Satellite Net	[CJW2]
D	029.rrr.rrr.rrr T	MILX25-TEMP	MILNET X.25 Temp	[MLC]
D	030.rrr.rrr.rrr T	ARPAX25-TEMP	ARPA X.25 Temp	[MLC]
G	031.rrr.rrr.rrr	UCDLA-NET	UCDLA-CATALOG-NET	[CL64]
	032.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
	033.rrr.rrr.rrr-034.rrr.rrr.rrr		Unassigned	[NIC]
R	035.rrr.rrr.rrr	MERIT	MERIT COMPUTER NETWK	[HWB]
R	036.rrr.rrr.rrr T	SU-NET-TEMP	Stanford University Network	[PA5]
	037.rrr.rrr.rrr-038.rrr.rrr.rrr		Unassigned	[NIC]
R	039.rrr.rrr.rrr T	SRINET-TEMP	SRI Local Network	[JMR]
	040.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	041.rrr.rrr.rrr	BBN-TEST-A	BBN-GATE-TEST-A	[RH6]
R*	042.rrr.rrr.rrr	CAN-INET	Canadian Research Net	[39,PAP4]
	043.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	044.rrr.rrr.rrr	AMPRNET	Amateur Radio Experiment Net	[PK28]
	045.rrr.rrr.rrr-126.rrr.rrr.rrr		Unassigned	[NIC]
R	127.rrr.rrr.rrr		Loopback	[JBP]

Class B Networks

*	Internet Address	Name	Network	References
	128.000.rrr.rrr		Reserved	[JBP]
R	128.001.rrr.rrr	BBN-TEST-B	BBN-GATE-TEST-B	[RH6]
R	128.002.rrr.rrr	CMU-NET	CMU-Ethernet	[HDW2]
R	128.003.rrr.rrr	LBL-CSAM	LBL-CSAM-RESEARCH	[JS38]
R	128.004.rrr.rrr	DCNET	LINKABIT DCNET	[26,DLM1]
R	128.005.rrr.rrr	FORDNET	FORD DCNET	[26,DLM1]
R	128.006.rrr.rrr	RUTGERS	RUTGERS	[CLH3]
R	128.007.rrr.rrr	KRAUTNET	KRAUTNET	[GB7]
R	128.008.rrr.rrr	UMDNET	Univ of Maryland DCNET	[26,DLM1]
R	128.009.rrr.rrr	ISI-NET	USC-ISI Local Network	[CMR]
R	128.010.rrr.rrr	PURDUE-CS-EN	Purdue CS Ethernet	[39,DT50]
R	128.011.rrr.rrr	BBN-CRONUS	BBN DOS Project	[25,PK19]
R	128.012.rrr.rrr	SU-NET	Stanford University Net	[LB3]
D	128.013.rrr.rrr	MATNET	Mobile Access Terminal Net	[SHB]
R	128.014.rrr.rrr	BBN-SAT-TEST	BBN SATNET Test Net	[SHB]
R	128.015.rrr.rrr	S1NET	LLL-S1-NET	[RAK12]
R	128.016.rrr.rrr	UCLNET	University College London	[PK]
D	128.017.rrr.rrr	MATNET-ALT	Mobile Access Terminal Alt	[SHB]
R	128.018.rrr.rrr	SRINET	SRI Local Network	[JMR]
D	128.019.rrr.rrr	EDN	DCEC EDN	[EC5]
D	128.020.rrr.rrr	BRLNET	BRLNET	[4,MJM2]
R	128.021.rrr.rrr	SF-PR-1	SF-1 Packet Radio Network	[JEM]
R	128.022.rrr.rrr	SF-PR-2	SF-2 Packet Radio Network	[JEM]
R	128.023.rrr.rrr	BBN-PR	BBN Packet Radio Network	[JBW1]
R	128.024.rrr.rrr	ROCKWELL-PR	Rockwell Packet Radio Net	[EHP]
D	128.025.rrr.rrr	BRAGG-PR	Ft. Bragg Packet Radio Net	[JEM]
D	128.026.rrr.rrr	SAC-PR	SAC Packet Radio Network	[VDC1]
D	128.027.rrr.rrr	DEMO-PR-1	Demo-1 Packet Radio Network	[LCS]
D	128.028.rrr.rrr	C3-PR-TEMP	Testbed Development PR NET	[VDC1]
R	128.029.rrr.rrr	MITRE	MITRE Cablenet	[37,TML]
R	128.030.rrr.rrr	MIT-NET	MIT Local Network	[DDC1]
R	128.031.rrr.rrr	MIT-RES	MIT Research Network	[DDC1]
R	128.032.rrr.rrr	UCB-ETHER	UC Berkeley Ethernet	[RWH5]
R	128.033.rrr.rrr	BBN-NET	BBN Network	[JSG5]
R	128.034.rrr.rrr	NOSC-LCCN	NOSC / LCCN	[RH6]
R	128.035.rrr.rrr	CISLTESTNET1	Honeywell	[17,18,JLM23]
R	128.036.rrr.rrr	YALE-NET	YALE NET	[39,HML1]
D	128.037.rrr.rrr	YPG-NET	Yuma Proving Grounds	[4,BWA]
D	128.038.rrr.rrr	NSWC-NET	NSWC Local Host Net	[RFH2]
R	128.039.rrr.rrr	NTANET	NDRE-TIU	[PS27]
R	128.040.rrr.rrr	UCL-NET-A	UCL	[BAW9]
R	128.041.rrr.rrr	UCL-NET-B	UCL	[BAW9]
R	128.042.rrr.rrr	RICE-NET	Rice University	[39,PGM]
R	128.043.rrr.rrr	DRENET	Canada REF ARPANET	[4,JR17]

D 128.044.rrr.rrr	WSMR-NET	White Sands Network	[CAS1]
C 128.045.rrr.rrr	DEC-WRL-NET	DEC WRL Network	[39,RKJ2]
R 128.046.rrr.rrr	PURDUE-NET	Purdue Campus Network	[DT50]
D 128.047.rrr.rrr	TACTNET	Tactical Packet Net	[3,KTP]
G 128.048.rrr.rrr	UCDLA-NET-B	UCDLA-Network-B	[4,CL64]
R 128.049.rrr.rrr	NOSC-ETHER	NOSC Ethernet	[39,RLB3]
G 128.050.rrr.rrr	COINS	COINS On-Line Intel Net	[RLS6]
G 128.051.rrr.rrr	COINSTNET	COINS TEST NETWORK	[RLS6]
R 128.052.rrr.rrr	MIT-AI-NET	MIT AI NET	[39,MDC]
R 128.053.rrr.rrr	SAC-PR-2	SAC PRNET Number 2	[VDC1]
R 128.054.rrr.rrr	UCSD	UC San Diego Network	[39,GH29]
R*128.055.rrr.rrr	MFENET	LLNL MFE Network	[36,DRP]
D 128.056.rrr.rrr	USNA-NET	US Naval Academy Network	[TS9]
D 128.057.rrr.rrr	DEMO-PR-2	Demo-2 Packet Radio Net	[LCS]
128.058.rrr.rrr	SPAR	Schlumberger PA Net	[39,SL10]
R 128.059.rrr.rrr	CU-NET	Columbia University	[39,BC14]
D 128.060.rrr.rrr	NRL-LAN	NRL Lab Area Net	[WF3]
R 128.061.rrr.rrr	GATECH	Georgia Tech	[39,DD11]
R 128.062.rrr.rrr	MCC-NET	MCC Corporate Net	[39,CBD]
R 128.063.rrr.rrr	BRL-SUBNET	BRL-SUBNET-EXP	[RBN1]
R 128.064.rrr.rrr-128.079.rrr.rrr		Net Dynamics Exp	[ZSU]
D 128.080.rrr.rrr	CECOMNET	CECOM EPR NET	[PFS2]
R 128.081.rrr.rrr	SYMBOLICS	SYMBOLICS	[39,CH2]
128.082.rrr.rrr	Unassigned	Unassigned	[NIC]
R 128.083.rrr.rrr	UTAUSTIN	U. Texas Austin	[39,JBC2]
R 128.084.rrr.rrr	CORNELL-NET	Cornell Backbone Net	[39,DK2]
C*128.085.rrr.rrr	DRILL-NET	Teleco Drilltech Net	[DBJ]
R 128.086.rrr.rrr	MRC	UK.CO.GEC.RL.MRC	[RHC3]
R 128.087.rrr.rrr	HIRST	UK.CO.GEC.RL.HRC	[RHC3]
R*128.088.rrr.rrr	HP-NET	HEWLETT-PACKARD-NET	[AG67]
128.089.rrr.rrr	BBN-ENET-TEMP	BBN ETHER NETWORK	[39,SGC]
C*128.090.rrr.rrr	ACS	Accent Systems Corp	[39,ERC1]
R 128.091.rrr.rrr	UPENN	UPenn Campus Network	[39,IW5]
R 128.092.rrr.rrr	INTELLINET	INTELLICORP NET	[39,DAVE]
R*128.093.rrr.rrr	INRIA-ROCQU	INRIA Rocquencourt	[MS171]
R*128.094.rrr.rrr	SYSNET	AT&T SYSNETWORK	[EY5]
R 128.095.rrr.rrr	WASHINGTON	Comp Sci Ether Net	[39,RA17]
C 128.096.rrr.rrr	BELLCORE-NET	BELLCORE-NET	[PK28]
R 128.097.rrr.rrr	UCLANET	UCLA Network	[RBW]
R 128.098.rrr.rrr	RSRE-EN2	RSRE-EXP-NET-2	[JW156]
C 128.099.rrr.rrr	NORTHROP-NET	Northrop Net	[39,RSM1]
R*128.100.rrr.rrr	TORONTO	U. of Toronto Net	[39,BD55]
R 128.101.rrr.rrr	UMN	Univ. of Minn.	[SB12]
G 128.102.rrr.rrr	AMES-NET	Ames Backbone Net.	[39,MSM1]
R 128.103.rrr.rrr	HARV-FIBER	Harvard FiberOp Ether	[39,SB28]
R 128.104.rrr.rrr	WISC-HERD	Univ. of Wisconsin	[39,EJN1]
R 128.105.rrr.rrr	WISC	Univ. of Wisconsin	[39,JB188]
D 128.106.rrr.rrr	SRI-PSON-1	ADEA/SRI Ft. Lewis	[ERK3]

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-CAMPUS-NET	[JL15]
R 128.111.rrr.rrr	UCSB	U of CA, Santa Barbara	[PKH1]
R 128.112.rrr.rrr	PRINCETON	Princeton University	[LRR1]
R 128.113.rrr.rrr	RPINET	RPI-LOCALNET	[MS9]
R 128.114.rrr.rrr	UCSC	U.C. Santa Cruz Net	[39,JHH8]
R 128.115.rrr.rrr	LLL-LABNET	LLNL Open Labnet	[BANDY]
R 128.116.rrr.rrr	USAN	UNIV SATELLITE NET	[39,BLI]
R 128.117.rrr.rrr	UCAR	UNIV CORP ATM RSCH	[39,BLI]
R 128.118.rrr.rrr	PENN-STATE	Penn State Network	[SJS11]
R 128.119.rrr.rrr	UMASS-CS	UMass COINS Dept LAN	[39,GW40]
R 128.120.rrr.rrr	UCDAVIS	U.C. Davis Network	[39,RH5]
R 128.121.rrr.rrr	JVNC-NET	John von Neumann Ctr Net	[SH37]
R 128.122.rrr.rrr	NYU-NET	NYU Campus Network	[BJR2]
R*128.123.rrr.rrr	NMSU	N M State Univ	[39,MSP1]
R 128.124.rrr.rrr T	NTA-TEMP	NTARE BF-TO-PDP11	[TM10]
R 128.125.rrr.rrr	USCNET	USC Campus Network	[39,MAB4]
R 128.126.rrr.rrr	SDC-PRC	SDC Paoli R&D Center	[39,MS22]
C*128.127.rrr.rrr	FTP-SOFTWARE	FTP Software Net	[JLR4]
R 128.128.rrr.rrr	WHOINET	WHOI Campus Net	[ARM5]
C*128.129.rrr.rrr	CGI	Carnegie Group	[RA62]
R*128.130.rrr.rrr	TUNET-T	TU Wien Terminal Net	[39,GP56]
R*128.131.rrr.rrr	TUNET-F	TU Wien File Net	[39,GP56]
G*128.132.rrr.rrr	RADC-LONS	RADC-LONS Net	[39,GG43]
G*128.133.rrr.rrr	AFSC-LONS	AFSC-LONS Net	[39,GG43]
R 128.134.rrr.rrr	SDN	System Dev Net	[5,6,HC2]
R 128.135.rrr.rrr	U-CHICAGO	UNIVERSITYOFCHICAGO	[39,MC17]
R 128.136.rrr.rrr	TEK-ALLNET	Teknowledge-Net	[39,TE16]
C*128.137.rrr.rrr	GENNET1	Genentech Corp Net	[39,SM96]
R 128.138.rrr.rrr	COLORADO	U Colorado Boulder	[39,RAJ8]
R 128.139.rrr.rrr	ILAN	Israel Academic Net	[39,DB35]
R 128.140.rrr.rrr	EMORY-INET	Emory Internet	[39,SA29]
R*128.141.rrr.rrr	CERN-ETHER	DD Main Ethernet	[39,BMS2]
R*128.142.rrr.rrr	CERN-TOKEN	DD Main IBM Token Ring	[39,BMS2]
R*128.143.rrr.rrr	VIRGINIA	Univ. of Virginia	[39,JAJ17]
R*128.144.rrr.rrr	ARC-CALGARY	Alta Research 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 University 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 Aircraft VLSI Net	[PH45]
R 128.153.rrr.rrr	CLARKSON	Clarkson University	[JCH17]
G 128.154.rrr.rrr	GSFC-NET	GSFC Central Net	[MSM1]

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]
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	[MSM1]
G 128.161.rrr.rrr	NSN-NET	NASA Science Net	[MSM1]
C 128.162.rrr.rrr	CRAY-NET	Cray Research	[DB14]
R 128.163.rrr.rrr	UKY	Univ of Kentucky	[GB43]
R 128.164.rrr.rrr	GWU-GATE	George Washington U.	[TT35]
G 128.165.rrr.rrr	LANL-INET	LANL Inter-Network	[JC11]
D*128.166.rrr.rrr	BAC-NET	Boeing Aerospace Corp Net	[JJ48]
R 128.167.rrr.rrr	SURA	SURAnet	[JH92]
C 128.168.rrr.rrr	GOLDHILL	Gold-Hill-Computers	[GM34]
R 128.169.rrr.rrr	UTK	Univ Tenn-Knoxville	[JDC20]
R 128.170.rrr.rrr	SDC-CAM	SDC Camarillo R&D Net	[DSR]
R*128.171.rrr.rrr	HAWAII	Univ. of Hawaii	[BC32]
R 128.172.rrr.rrr	VCU-LAN	VCU-LAN	[JN40]
R 128.173.rrr.rrr	VA-TECH	Virgina Tech Net	[PB40]
R 128.174.rrr.rrr	UIUC-CAMPUS-B	UIUC Campus Network	[PP14]
R 128.175.rrr.rrr	UDELNET	U. of Delaware Network	[DJG2]
R*128.176.rrr.rrr	DMSWWU-ETHER	DMSWWU ETHERNET	[GR26]
C*128.177.rrr.rrr	BLI-NET	Britton Lee Network	[EPA]
R*128.178.rrr.rrr	EPF-ETHER1	Ecublens Campus Net	[YXD]
R*128.179.rrr.rrr	EPF-ETHER2	Cedres Campus Net	[YXD]
R 128.180.rrr.rrr	LEHIGH	Lehigh University	[39,MM149]
C*128.181.rrr.rrr	TEKTRONIX	Tektronix Engineering	[JB218]
R 128.182.rrr.rrr	PSCNET	PSC Affiliates Net	[JTE2]
R 128.183.rrr.rrr	GSFC	GSFC NASA	[JB113]
R*128.184.rrr.rrr	DEAKINET	Deakinet Univ Net	[JM303]
C 128.185.rrr.rrr	PROTEON-NET	Proteon Network	[JS28]
R 128.186.rrr.rrr	FSU	Florida State Univ	[KMH8]
R*128.187.rrr.rrr	BYU-NET	Brigham Young Net	[KCM2]
R*128.188.rrr.rrr	M2CNET	Mass VLSI/CAD Net	[SD1]
R*128.189.rrr.rrr	BCNET	British Columbia Net	[DO26]
G 128.190.rrr.rrr	BELVOIR-G/W	BRADEC Subnet	[DH30]
C*128.191.rrr.rrr	NECIS-NET	NEC Info Systems 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	[WCE2]
R 128.195.rrr.rrr	UCIICS-NET	UCI ICS Network	[RAJ3]
R 128.196.rrr.rrr	UNIV-ARIZ	U of ARIZ Research Net	[ALG4]
R 128.197.rrr.rrr	BU-NET	BU-NET	[BS24]
R 128.198.rrr.rrr	CU-COLOSPGS	CU-Colorado-Spgs-Net	[39,RDG12]
R*128.199.rrr.rrr	STC	STC PLC Company Net	[AM54]
R 128.200.rrr.rrr	UCI-NET	UCI Campus Network	[DW96]
R 128.201.rrr.rrr	REUNIR	Reseau des universites	[RN25]
D 128.202.rrr.rrr	CSOCNET	2 SW SPACENET LAN	[JJD12]

R*128.203.rrr.rrr	UB-INC	Ungermann-Bass Inc	[DXC]
R 128.204.rrr.rrr	ALBNYNET	U at Albany Net	[BEC1]
R 128.205.rrr.rrr	UBUFFALONET	UNIVOFBUFFALONET	[CFD4]
128.206.rrr.rrr	Unassigned	Unassigned	[NIC]
C*128.207.rrr.rrr	BOEING-PSN	Boeing-Puget Sound	[39,JSY2]
R 128.208.rrr.rrr	WASH-NSF	WASHINGTON-NSF	[39,SH47]
C 128.209.rrr.rrr	NYNEXSTNET	NYNEX Sci and Tech	[MC65]
R 128.210.rrr.rrr	PURDUE-CCNET	Purdue Computing Ctr	[39,JS81]
R 128.211.rrr.rrr	PURDUE-CS-CYP	CYPRESS-HUB-PURDUE	[DEC1]
C*128.212.rrr.rrr	ISCNET	ISC Corporate Network	[39,DM27]
R 128.213.rrr.rrr	RPICSNET	RPI CSNETWORK	[39,MS9]
R 128.214.rrr.rrr	FUNET	Finnish Univ Network	[39,JH141]
C*128.215.rrr.rrr	INTEL-NET	INTEL Engineering Network	[12,HC24]
R 128.216.rrr.rrr	CC-PRNET	CENTCOM Packet Radio Net	[39,GIH]
G*128.217.rrr.rrr	NASA-KSC-OIS	NASA-KSC-OIS	[39,GG43]
R 128.218.rrr.rrr	UCSF-NET	Univ of Calif, San Fran	[39,TF6]
R 128.219.rrr.rrr	ORNL-NETB1	ORNL Local Area Network	[24,THD]
R 128.220.rrr.rrr	JHU	Johns Hopkins Univ	[39,MH98]
R 128.221.rrr.rrr	DGPN1	Data General Priv Net 1	[39,PSS1]
C 128.222.rrr.rrr	DGPN2	Data General Priv Net 2	[39,PSS1]
R 128.223.rrr.rrr	UONET	Univ of Oregon Network	[39,DS85]
C*128.224.rrr.rrr	EPILOGUE	Epilogue Technology	[KA4]
C*128.225.rrr.rrr	BOEING-EN	Boeing-East Network	[39,JSY3]
R 128.226.rrr.rrr	BINGHAMTON	UNIVATBINGHAMTON	[39,RM120]
R 128.227.rrr.rrr	UFNET	Univ of Florida Net	[39,AW48]
R 128.228.rrr.rrr	CUNY	City Univ of New York	[39,SMP2]
R 128.229.rrr.rrr	ADSNET	Advanced Decision Sys Net	[39,MB26]
R 128.230.rrr.rrr	SYR-UNIV-NET	Syracuse Univ Network	[39,JW47]
G 128.231.rrr.rrr	NIH-NET	Natl Institutes of Health	[12,RF57]
R*128.232.rrr.rrr	CL-CAM-AC-UK	Univ of Cambridge Comp Lab	[39,MAJ1]
R*128.233.rrr.rrr	USASK	Univ of Saskatchewan Net	[39,LRC7]
R*128.234.rrr.rrr	COS-NET	COS Network	[39,AP25]
R 128.235.rrr.rrr	NJIT	NJIT Network	[39,BM79]
D 128.236.rrr.rrr	USAFA-NET	US Air Force Academy Net	[39,GEOFF]
R 128.237.rrr.rrr	CMU-SEI-NET	SEI Ethernet	[39,PDB5]
R 128.238.rrr.rrr	POLY-U-NET	Polytechnic Univ Net	[39,AMM14]
R 128.239.rrr.rrr	WM-NET	William and Mary Net	[39,SF34]
R 128.240.rrr.rrr	NCL	Newcastle Campus Net	[39,AL46]
R 128.241.rrr.rrr	SESQUINET	SESQUINET	[GTA]
R 128.242.rrr.rrr	MIDNET	Midwest Regional Network	[MM147]
R*128.243.rrr.rrr	NOTT-AC-UK	Univ of Nottingham Net	[39,WA16]
D 128.244.rrr.rrr	APL-NET	Applied Physics Lab Net	[39,SAK3]
R 128.245.rrr.rrr	SRA-CT-NET	SRA-CONNECTICUT-NET	[15,16,JSS4]
C*128.246.rrr.rrr	CGCH-WIRZ	WIRZ Scientific Net	[12,HN3]
C 128.247.rrr.rrr	TI	Texas Instruments	[DF71]
R 128.248.rrr.rrr	UIC-NET	Univ of Illinois-Chicago	[39,EZ3]
R 128.249.rrr.rrr	TMC-NET	Texas Medical Center Net	[39,SB98]
R*128.250.rrr.rrr	UNIMELB	University of Melbourne	[39,CC89]

C*128.251.rrr.rrr	ROCKW-TELEDA	Rockwell-Telecom	[39,JCW12]
R 128.252.rrr.rrr	WASHINGTON-U	Washington Univ Net	[21,DGH13]
R 128.253.rrr.rrr	CCS-NET	Cornell Univ Computer Net	[30,DC126]
R*128.254.rrr.rrr	FMC-NOD	FMC-NOD	[39,WCW7]
R 128.255.rrr.rrr	UIOWA	Univ of Iowa Campus Net	[LT28]
129.000.rrr.rrr		Reserved	[NIC]
R 129.001.rrr.rrr	BGSU	Bowling Green State Univ	[30,SH71]
R 129.002.rrr.rrr	UMD-BOGON-NET	UMD Student Network	[39,LAM1]
R*129.003.rrr.rrr	SUNY-OSWEGO-NET	State Univ NY - Oswego	[39,PRT2]
C 129.004.rrr.rrr	TRW	TRW Information Network	[39,GGB2]
R*129.005.rrr.rrr	HGCNET	HARTFORDGRADCTRNET	[38,AG61]
G 129.006.rrr.rrr	NBS	NBS Network	[39,CWH3]
R 129.007.rrr.rrr	UH-NET	Univ. of Houston Network	[39,JH155]
R*129.008.rrr.rrr	CSUFRESNO	CSUFresno CSci Net	[39,RP88]
C*129.009.rrr.rrr	CHRYSLER-NET	CHRYSLER-INTERNET	[30,RER20]
R*129.010.rrr.rrr	NORTHEASTERN	Northeastern Network	[39,CJ38]
R*129.011.rrr.rrr	LEEDS	Leeds University Network	[39,AJC11]
R*129.012.rrr.rrr	UKC	UKC Campus Net	[39,SL55]
R*129.013.rrr.rrr	LINK	Karlsruhe Network	[39,MR78]
C*129.014.rrr.rrr	SBINY	Salomon Brothers Inc.	[39,BC72]
R 129.015.rrr.rrr	UOKNOR	Univ of Okla, Norman	[JW136]
R*129.016.rrr.rrr	CTH-NET	Chalmers University	[GL41]
R*129.017.rrr.rrr	SSED-NET	Honeywell-SSED-NET	[DM147]
C*129.018.rrr.rrr	NEXT-NET	NeXT Inc. Network	[39,PFK]
R 129.019.rrr.rrr	WESTNET	Western Regional Net	[39,DCMW]
R*129.020.rrr.rrr	VERDUR	Universite de Rennes	[RN25]
R*129.021.rrr.rrr	RIT	Rochester Inst of Tech	[39,CF35]
R*129.022.rrr.rrr	CWRUNET	CWRU Campus Network	[39,JAG3]
R 129.023.rrr.rrr	SDIO-INTERNET	SDIO Wide Area Internet	[39,KDZ]
R 129.024.rrr.rrr	UNMNET	Univ. of New Mexico Network	[39,KDZ]
R 129.025.rrr.rrr	DREXEL	DREXEL UNIVERSITY	[39,RR97]
R*129.026.rrr.rrr	GMD-DE	GMD Net	[39,PM72]
R*129.027.rrr.rrr	WEDGE-NET	Wedge Computer Net	[DTH]
C*129.028.rrr.rrr	ETA-LAN	ETA-LAN St. Paul	[2,DMK16]
D 129.029.rrr.rrr	WESTPOINTNET	U.S. Army West Point	[39,BAT4]
C 129.030.rrr.rrr	HONEYWELL	HONEYWELL INC NETWORK	[39,DB97]
R*129.031.rrr.rrr	ICNET	IC Campus Net	[39,LM88]
R 129.032.rrr.rrr	TEMPLE	Temple Univ Network	[29,39,TES16]
R 129.033.rrr.rrr-129.042.rrr.rrr		IBM Research Network	[MT1]
R 129.043.rrr.rrr	NCI-FCRF	Frederick Cancer Net	[39,WLB5]
C*129.044.rrr.rrr	NYTEL1095NET	NYTEL1095NET	[39,HT12]
C*129.045.rrr.rrr	NYTELNOCNET1	NYTELNOCNET1	[39,JO54]
C 129.046.rrr.rrr	QUALNET	QUALCOMM Ethernet	[39,TM37]
C*129.047.rrr.rrr	SYTEK-INC	Sytek Corporation	[AB90]
D 129.048.rrr.rrr	WPAFB-CDS-GW	WPAFB-CDS-GATEWAY	[39,CMC6]
129.049.rrr.rrr-191.254.rrr.rrr		Unassigned	[NIC]
191.255.rrr.rrr		Reserved	[JBP]

Class C Networks

*	Internet Address	Name	Network	References
	192.000.000.rrr		Reserved	[JBP]
R	192.000.001.rrr	BBN-TEST-C	BBN-GATE-TEST-C	[RH6]
R*	192.000.002.rrr	TEST	TEST	[JBP]
	192.000.003.rrr-192.000.255.rrr		Unassigned	[NIC]
R	192.001.000.rrr-192.001.004.rrr		BBN local networks	[SGC]
R	192.001.005.rrr	BBN-ENET2	BBN-ENET2	[SGC]
R	192.001.006.rrr		BBN local network	[SGC]
R	192.001.007.rrr	BBN-ENET	BBN-ENET	[SGC]
R	192.001.008.rrr		BBN local network	[SGC]
R	192.001.009.rrr	BBN-ENET3	BBN-ENET3	[SGC]
R	192.001.010.rrr	BBN-NETR	BBN-NETR	[SGC]
R	192.001.011.rrr	BBN-SPC-ENET	BBN-SPC-ENET	[SGC]
R	192.001.012.rrr-192.003.255.rrr		BBN local networks	[SGC]
R*	192.004.000.rrr-192.004.255.rrr		BELLCORE-NET	[39,PK28]
R	192.005.001.rrr	CISLHYPERNET	Honeywell	[JLM23]
R*	192.005.002.rrr	UF-NET-A	UF-CIS Dept Ether	[AW48]
C	192.005.003.rrr	HP-DESIGN-AIDS	HP Design Aids	[AG67]
C	192.005.004.rrr	HP-TCG-UNIX	Hewlett Packard TCG Unix	[AG67]
R	192.005.005.rrr	DEC-MRNET	DEC Marlboro Ethernet	[39,JM60]
R	192.005.006.rrr	DEC-MRRAD	DEC Marlboro Developmt	[39,JM60]
R	192.005.007.rrr	CIT-CS-NET	Caltech-CS-Net	[41,DSW]
R	192.005.008.rrr	MACOMNET	MACOM Network	[SB90]
R	192.005.009.rrr	AERONET	Aerospace Labnet	[1,LCN]
R	192.005.010.rrr	ECLNET	USC-ECL-CAMPUS-NET	[MAB4]
R	192.005.011.rrr	CSS-RING	SEISMIC-RESEARCH-NET	[RR2]
R	192.005.012.rrr	UTAH-NET-C	UTAH-COMPUTER-SCIENCE-NET	[GW22]
R	192.005.013.rrr	GSWDNET	Compion Network	[39,FAS]
R	192.005.014.rrr	RAND-NET	RAND Network	[39,JDG]
R	192.005.015.rrr T	NYU-NET-TEMP	NYU Network	[EF5]
R	192.005.016.rrr	LANLLAND	Los Alamos Dev LAN	[39,JC11]
R	192.005.017.rrr	NRL-NET	Naval Research Lab	[AP]
R	192.005.018.rrr	IPTO-NET	ARPA-IPTO Office Net	[JS283]
R	192.005.019.rrr	UCIICS	UCI-ICS Res Net	[MTR]
R	192.005.020.rrr	CISLTTYNET	Honeywell	[JLM23]
D	192.005.021.rrr	BRLNET1	BRLNET1	[4,MJM2]
D	192.005.022.rrr	BRLNET2	BRLNET2	[4,MJM2]
D	192.005.023.rrr	BRLNET3	BRLNET3	[4,MJM2]
D	192.005.024.rrr	BRLNET4	BRLNET4	[4,MJM2]
D	192.005.025.rrr	BRLNET5	BRLNET5	[4,MJM2]
D	192.005.026.rrr	NSRDCOA-NET	NSRDC Office Auto Net	[RWT2]
D	192.005.027.rrr	DTNSRDC-NET	DTNSRDC-NET	[RWT2]
R	192.005.028.rrr	RSRE-NULL	RSRE-NULL	[RNM1]
R	192.005.029.rrr	RSRE-ACC	RSRE-ACC	[RNM1]
R	192.005.030.rrr	RSRE-PR	RSRE-PR	[RNM1]

R*192.005.031.rrr	SIEMENS-NET	Siemens Research Network	[PN23]
R 192.005.032.rrr	CISLTESTNET2	Honeywell	[17,18,JLM23]
R 192.005.033.rrr	CISLTESTNET3	Honeywell	[17,18,JLM23]
R 192.005.034.rrr	CISLTESTNET4	Honeywell	[17,18,JLM23]
R 192.005.035.rrr	RIACS	USRA	[39,WPJ]
R 192.005.036.rrr	CORNELL-CS	CORNELL CS Research	[39,DK2]
R 192.005.037.rrr	UR-CS-NET	U of R CS 3Mb Net	[39,LB16]
R 192.005.038.rrr	SRI-C3ETHER	SRI-AITAD C3ETHERNET	[39,VDC1]
R 192.005.039.rrr	UDEL-EECIS	Udel EECIS LAN	[39,DJG2]
R 192.005.040.rrr	PUCC-NET-A	PURDUE Comp Cntr Net	[JRS8]
D 192.005.041.rrr	WISLAN	WIS Research LAN	[39,JRM1]
D 192.005.042.rrr	HYPER-1ISG	AFDSC Hypernet	[MCA1]
R 192.005.043.rrr	CUCSNET	Columbia CS Net	[39,BC14]
R 192.005.044.rrr	FARBER-PC-NET	Farber PC Network	[DJF]
R 192.005.045.rrr	AIDS-NET	AI&DS Network	[39,KFD]
R 192.005.046.rrr	NTA-RING	NDRE-RING	[PS27]
R 192.005.047.rrr	NSRDC	NSRDC	[RWT2]
R 192.005.048.rrr	PURDUE-CS-NET	Purdue CS ProNET	[DT50]
192.005.049.rrr	Unassigned	Unassigned	[NIC]
R 192.005.050.rrr	CTH-CS-NET	Chalmers CSN Net	[39,UB3]
R 192.005.051.rrr	THEORYNET	Cornell Theory Center	[39,AB13]
R 192.005.052.rrr	NLM-ETHER	NLM-LHNCBC-ETHERNET	[JA1]
R 192.005.053.rrr	UR-CS-ETHER	U of R CS 10Mb Net	[39,LB16]
R 192.005.054.rrr	AERO-A6	Aerospace	[1,LCN]
R 192.005.055.rrr	UCLA-CECS	UCLA-CECS Network	[39,RBW]
C 192.005.056.rrr	TARTAN-NET	Tartan Labs	[ED38]
R 192.005.057.rrr	UDEL-CC	UDEL Comp Center	[39,RR18]
R 192.005.058.rrr	CSNET-PDN	CSNET X.25 Network	[22,RDR4]
R*192.005.059.rrr	INRIA-SM90	Inria GIP SM-90	[MS171]
R*192.005.060.rrr	SM90-X1	Inria SM-90 exp. 1	[MS171]
R*192.005.061.rrr	SM90-X2	Inria SM-90 exp. 2	[MS171]
R*192.005.062.rrr	LITP-SM90	LITP SM-90	[MS171]
R 192.005.063.rrr	ENCORE	Encore-Marlboro	[IRN]
R 192.005.064.rrr	AMES-NAS-NET	NASA ARC NAS LAN	[39,MF31]
R 192.005.065.rrr	NPRDC-Ether	NPRDC TRCF Ethernet	[LRB]
R 192.005.066.rrr	HARV-NET	Harvard Comp Sci Net	[SB28]
R 192.005.067.rrr	CECOM-ETHER	CECOM ADDCOMPE ETHER	[39,GIH]
R 192.005.068.rrr	AERO-130	AEROSPACE-130	[LCN]
R 192.005.069.rrr	UIUC-NET	Univ of IL at Urbana	[39,AKC]
G 192.005.070.rrr	CELAN	COINS Exper. LAN	[MMM25]
R 192.005.071.rrr	SAC-ETHER	SAC C3 Ethernet	[39,VDC1]
R*192.005.072.rrr	U CHICAGO	U Chicago	[MC17]
R 192.005.073.rrr	UOFCHICAGO	U Chicago	[MC17]
R*192.005.074.rrr-192.005.087.rrr		U Chicago	[MC17]
R 192.005.088.rrr	YALE-EE-NET	YALE-EE-NET	[39,AG22]
R 192.005.089.rrr	HARV-APPOLLO	Harvard University	[2,SB28]
R 192.005.090.rrr	HARV-ETHER	Harvard CS Ethernet	[SB28]
R 192.005.091.rrr	PURDUE-ECN1	Purdue ECN	[10,20,GG11]

R 192.005.092.rrr	BRAGG-ETHER	SRI Bragg Ether	[39,GIH]
R 192.005.093.rrr	SRI-DEMO	SRI Ether Demo	[39,GIH]
R*192.005.094.rrr	SDCRDCF-10MB	SDC R&D primary net	[39,DJV1]
R*192.005.095.rrr	SDCRDCF-3MB	SDC R&D old net	[39,DJV1]
R*192.005.096.rrr	UBC-CS-NET	UBC Comp Sci Net	[39,PB67]
R*192.005.097.rrr	UCLA-CS-LNI	UCLA CS LNI Network	[RBW]
R*192.005.098.rrr	UCLA-PIC	UCLA PIC Network	[39,RBW]
R 192.005.099.rrr	SPACENET	S-1 Workstation Net.	[39,TW51]
R*192.005.100.rrr	HCSC-NET	Honeywell CSC Net	[39,TRG4]
R 192.005.101.rrr	PUCC-NET-B	Purdue Gateway Network	[JRS8]
R 192.005.102.rrr	PUCC-RHF-NET	PUCC RHF Based Net	[JRS8]
C*192.005.103.rrr	TYM-NTD-NET	Tymnet NTD Ethernet	[SMF5]
R 192.005.104.rrr	THINK-INET	Thinking Machines	[39,BJN1]
R 192.005.105.rrr	CCA-POND	CCA Ethernet1 (POND)	[42,AL6]
C*192.005.106.rrr	BITSTREAM	Bitstream Type Foundry	[39,PGA1]
R*192.005.107.rrr	PASC-ETHER	IBM PASC Ethernet	[39,GAL5]
R*192.005.108.rrr	PASC-BB	IBM PASC Broadband	[20,GAL5]
R*192.005.109.rrr	CWR-JCC-T	ARJCC TOPS-20 NET	[39,JAG3]
R*192.005.110.rrr	CWR-JCC-L	ARJCC LOCAL NET	[39,JAG3]
*192.005.111.rrr	CWR-QUAD	Campus QUAD NET	[39,JAG3]
R*192.005.112.rrr	CWR-CAISR	CAISR LOCAL NET	[39,JAG3]
R*192.005.113.rrr	CWR-CES	CES LOCAL NET	[JAG3]
C*192.005.114.rrr	I2-RING-1	INTERMETRICS PRONET	[39,NH2]
C*192.005.115.rrr	I2-ETHER-1	INTERMETRICS ETHER	[39,NH2]
R 192.005.116.rrr	BRAGGNET-1	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.117.rrr	BRAGGNET-2	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.118.rrr	BRAGGNET-3	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.119.rrr	BRAGGNET-4	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.120.rrr	BRAGGNET-5	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.121.rrr	BRAGGNET-6	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.122.rrr	BRAGGNET-7	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.123.rrr	BRAGGNET-8	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.124.rrr	BRAGGNET-9	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.125.rrr	BRAGGNET-10	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.126.rrr	BRAGGNET-11	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.127.rrr	BRAGGNET-12	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.128.rrr	BRAGGNET-13	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.129.rrr	BRAGGNET-14	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.130.rrr	BRAGGNET-15	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.131.rrr	BRAGGNET-16	BRAGG/ADDCOMPE	[39,BG25]
R 192.005.132.rrr	BRAGGNET-17	BRAGG/ADDCOMPE	[39,BG25]
R*192.005.133.rrr	PERCEPT-AI	Perceptronics	[KC8]
C*192.005.134.rrr	I2-ETHER-2	Intermetrics	[39,NH2]
R 192.005.135.rrr	LL-SPEECH-NET	LL Speech Net	[39,RH60]
R 192.005.136.rrr	LL43-LEX-BACK	Lincoln G43-LEX-BACK	[39,BC65]
R 192.005.137.rrr	LL43-LEX-SUNA	Lincoln G43-LEX-SUNA	[39,BC65]
R 192.005.138.rrr	LL43-LEX-SUNB	Lincoln G43-LEX-SUNB	[39,BC65]
R 192.005.139.rrr	LL43-LEX-APO	Lincoln G43-LEX-APO	[39,BC65]

R 192.005.140.rrr	LL43-TB-BACK	Lincoln G43-TB-BACK	[39,BC65]
R 192.005.141.rrr	LL43-TB-APO	Lincoln G43-TB-APO	[39,BC65]
R*192.005.142.rrr	CCVR	CCVR Network	[39,RD91]
R 192.005.143.rrr	NWU	NORTHWESTERN	[AS62]
R 192.005.144.rrr	CRE-NET	CANADA-CRC-ETHERNET	[JR17]
R 192.005.145.rrr	ECRC-SL	ECRC-SL Net	[PD39]
R 192.005.146.rrr	CPW-PSC	Pittsburgh SC Center	[ML62]
R 192.005.147.rrr	ALV-ETHER	MMDAALVVAX	[LJR5]
R 192.005.148.rrr	DISE	Dist Sys Eval Envir	[RHS16]
R 192.005.149.rrr	RDL-ETHER	RDL	[39,MS172]
G*192.005.150.rrr	SP-ACE-NET	Sperry Space Sys Net	[39,JM304]
R 192.005.151.rrr	PENN-STATE-1	Penn State Network	[SJS11]
R 192.005.152.rrr	PENN-STATE-2	Penn State Network	[SJS11]
R 192.005.153.rrr	PENN-STATE-3	Penn State Network	[SJS11]
R 192.005.154.rrr	PENN-STATE-4	Penn State Network	[SJS11]
R 192.005.155.rrr	PENN-STATE-5	Penn State Network	[SJS11]
R 192.005.156.rrr	PENN-STATE-6	Penn State Network	[SJS11]
R 192.005.157.rrr	PENN-STATE-7	Penn State Network	[SJS11]
R 192.005.158.rrr	PENN-STATE-8	Penn State Network	[SJS11]
R 192.005.159.rrr	PENN-STATE-9	Penn State Network	[SJS11]
R 192.005.160.rrr	PENN-STATE-10	Penn State Network	[SJS11]
R 192.005.161.rrr	PENN-STATE-11	Penn State Network	[SJS11]
R 192.005.162.rrr	PENN-STATE-12	Penn State Network	[SJS11]
C*192.005.163.rrr	I2-SPDNET-1	I2 SPD Ethernet	[39,NH2]
C 192.005.164.rrr	GTEECN	GTE Eng Net	[39,JEE4]
R 192.005.165.rrr	SDC-CAM-1	SDC Camarillo R&D Net	[DSR]
R*192.005.166.rrr	CRC-WDC-NET	CRC Washington DC	[GEOF]
R 192.005.167.rrr	MCC-AI-NET	MCC AI Subnet	[39,CBD]
R 192.005.168.rrr	MCC-CAD2-NET	MCC CAD2 Subnet	[39,CBD]
R 192.005.169.rrr	MCC-PKG-NET	MCC PKG Subnet	[39,CBD]
G 192.005.170.rrr	ANLNET1	Argonne Network	[39,LW26]
G 192.005.171.rrr	ANLNET2	Argonne Network	[39,LW26]
G 192.005.172.rrr	ANLNET3	Argonne Network	[39,LW26]
G 192.005.173.rrr	ANLNET4	Argonne Network	[39,LW26]
G 192.005.174.rrr	ANLNET5	Argonne Network	[39,LW26]
G 192.005.175.rrr	ANLNET6	Argonne Network	[39,LW26]
G 192.005.176.rrr	ANLNET7	Argonne Network	[39,LW26]
G 192.005.177.rrr	ANLNET8	Argonne Network	[39,LW26]
G 192.005.178.rrr	ANLNET9	Argonne Network	[39,LW26]
G 192.005.179.rrr	ANLNET10	Argonne Network	[39,LW26]
G 192.005.180.rrr	ANLNET11	Argonne Network	[39,LW26]
G 192.005.181.rrr	ANLNET12	Argonne Network	[39,LW26]
G 192.005.182.rrr	ANLNET13	Argonne Network	[39,LW26]
G 192.005.183.rrr	ANLNET14	Argonne Network	[39,LW26]
G 192.005.184.rrr	ANLNET15	Argonne Network	[39,LW26]
G 192.005.185.rrr	ANLNET16	Argonne Network	[39,LW26]
G 192.005.186.rrr	ANLNET17	Argonne Network	[39,LW26]
G 192.005.187.rrr	ANLNET18	Argonne Network	[39,LW26]

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G 192.005.188.rrr   ANLNET19      Argonne Network            [39,LW26]
G 192.005.189.rrr   ANLNET20      Argonne Network            [39,LW26]
G 192.005.190.rrr   ANLNET21      Argonne Network            [39,LW26]
G 192.005.191.rrr   ANLNET22      Argonne Network            [39,LW26]
G 192.005.192.rrr   ANLNET23      Argonne Network            [39,LW26]
G 192.005.193.rrr   ANLNET24      Argonne Network            [39,LW26]
G 192.005.194.rrr   ANLNET25      Argonne Network            [39,LW26]
G 192.005.195.rrr   ANLNET26      Argonne Network            [39,LW26]
G 192.005.196.rrr   ANLNET27      Argonne Network            [39,LW26]
G 192.005.197.rrr   ANLNET28      Argonne Network            [39,LW26]
G 192.005.198.rrr   ANLNET29      Argonne Network            [39,LW26]
G 192.005.199.rrr   ANLNET30      Argonne Network            [39,LW26]
G 192.005.200.rrr   ANLNET31      Argonne Network            [39,LW26]
G 192.005.201.rrr   ANLNET32      Argonne Network            [39,LW26]
R 192.005.202.rrr   FMC-CEL       FMC-CEL Host Net            [39,KW2]
R*192.005.203.rrr   OKSTATE-CS    Okla. St. CS Network       [39,MV24]
R 192.005.204.rrr   SKL-ENET      Canada_SKL_ethernet           [JR17]
R*192.005.205.rrr   ARC-CALGARY   Alta Research Calgary         [DK66]
R 192.005.206.rrr   BU-MATHNET    BU-MATHNET                    [BS24]
R 192.005.207.rrr   BU-CHEMNET    BU-CHEMNET                    [BS24]
R 192.005.208.rrr   BU-CLANNET    BU-CLANNET                    [BS24]
D 192.005.209.rrr   SSDF-CDCNET   CDC-DDN-DEVELOPMENT           [RE22]
G 192.005.210.rrr   ECSNET        Embedded Comp Sys Net         [CAL7]
R 192.005.211.rrr   INTEL-IWARP   Intel iWarp Net             [39,BT5]
R 192.005.212.rrr T EMORY-INET4   Emory Internet 4              [SA29]
R 192.005.213.rrr   HARRIS        Harris-GSSNet                 [DAT4]
C 192.005.214.rrr   DECUACNET     Decuac Network             [39,FMA1]
R 192.005.215.rrr   MASONNET      GMU Network                [39,TH15]
R*192.005.216.rrr   NTT-NET       NTT Research Lab Net       [39,YS10]
R 192.005.217.rrr   YALE-ZOO-NET  Yale Apollo Ed Net            [HML1]
R 192.005.218.rrr   ARINC-GW-NET  Yale Apollo Ed Net              [YN]
R 192.005.219.rrr   CLEMSON       Clemson Univ Comp Center      [DB28]
C 192.005.220.rrr   SCCNET        SPACECOM IP Network        [39,MJO4]
C*192.005.221.rrr   CSC-LONS      CSC-LONS Network           [39,GG43]
C*192.005.222.rrr   CSC-OIS       CSC-OIS Network            [39,GG43]
R*192.005.223.rrr   HWELL-RE      HWELL-RESD-ENGRG           [39,PP36]
D*192.005.224.rrr   HAIC-NET      Hughes AI Center Net      [39,DMK18]
C*192.005.225.rrr-192.005.236.rrr GE CALMA BLOCK             [39,TR38]
C*192.005.237.rrr   PRIME-AI      Prime AI CAD/CAM            [22,NSE]
C*192.005.238.rrr   PALLADIAN-1   Palladian-IN1              [CSTACY]
C*192.005.239.rrr   PALLADIAN-2   Palladian-RING             [CSTACY]
C*192.005.240.rrr   PALLADIAN-3   Palladian-IN2              [CSTACY]
R 192.005.241.rrr   USC-CYPRESS   USC Cypress Network          [9,DE6]
C*192.005.242.rrr   MOT-ASIC      Motorola Chandler LAN         [GW49]
C*192.005.243.rrr   MOT-MESA      Motorola Mesa LAN             [GW49]
C*192.005.244.rrr   MOT-DOVER     Motorola Dover LAN            [GW49]
C*192.005.245.rrr   MOT-PRICE     Motorola Prince Road LAN      [GW49]
C*192.005.246.rrr   MOT-PICO      Motorola Pico LAN             [GW49]
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C*192.005.247.rrr   MOT-52ND      Motorola Semi MIS LAN          [GW49]
C*192.005.248.rrr   MOT-AUSTIN    Motorola Austin LAN            [GW49]
C*192.005.249.rrr   MOT-OAKHILL   Motorola Oakhill LAN           [GW49]
C*192.005.250.rrr   MOT-TELAVIV   Motorola Tel Aviv LAN         [GW49]
C*192.005.251.rrr   MOT-GENEVA    Motorola Geneva LAN            [GW49]
C*192.005.252.rrr   MOT-TOKYO     Motorola Tokyo LAN             [GW49]
*192.005.253.rrr   MOT-HONGKONG  Motorola Hongkong LAN          [GW49]
R*192.005.254.rrr   ANSA          ANSA Project                 [39,DO27]
  192.005.255.rrr   Unassigned    Unassigned                      [NIC]
C*192.006.000.rrr-192.006.255.rrr Hewlett Packard              [AG67]
C*192.007.000.rrr-192.007.255.rrr Computer Consoles, Inc.      [RA11]
C*192.008.000.rrr-192.008.255.rrr Spartacus Incorporated       [FJK2]
C*192.009.000.rrr-192.009.255.rrr SUN Microsystems, Inc.        [BN4]
C*192.010.000.rrr-192.010.040.rrr Symbolics, Inc.               [CH2]
R 192.010.041.rrr T SCRC-ETHERNET SCRC ETHERNET               [39,CH2]
C*192.010.042.rrr-192.010.255.rrr Symbolics, Inc.               [CH2]
C*192.011.000.rrr-192.011.255.rrr ATT, Bell Labs               [MH82]
R 192.012.000.rrr   YALE-SUN-NET  YALE-SUN-NET                   [LFO]
  192.012.001.rrr   Unassigned    Unassigned                      [NIC]
  192.012.002.rrr   Unassigned    Unassigned                      [NIC]
C*192.012.003.rrr   FLAIR         Fairchild AI Lab Net         [39,AMS1]
C*192.012.004.rrr   SCG-NET       Hughes SCG Net               [40,MKP2]
R 192.012.005.rrr   AIC-LISPMS    SRI-AIC-LispMachNet           [39,PM4]
R 192.012.006.rrr   NPS-C2        NPS-C2                        [39,AW9]
R 192.012.007.rrr T NYU-CS-ETHER  NYU CompSci Ethernet          [39,LOU]
D 192.012.008.rrr   PICANET1      Picatinny Arsenal LAN1       [39,RFD1]
R 192.012.009.rrr T CADRE-NET     Decision Systems Lab            [SM6]
R 192.012.010.rrr   CORNELL-ENG   Cornell-Engineering           [39,DK2]
R 192.012.011.rrr   MIT-TEST      MIT Gateway TEST NET          [39,NC3]
G 192.012.012.rrr   NBS           NBS Network                     [JCN2]
R 192.012.013.rrr   JHU-NET1      JHU-NET1                     [39,MO14]
R 192.012.014.rrr   JHU-NET2      JHU-NET2                     [39,MO14]
R 192.012.015.rrr   BROOKNET      BNL Brooknet III               [39,GC]
R 192.012.016.rrr   PRMNET        SRI-SURAN-EN                 [39,BP17]
G 192.012.017.rrr   LLL-TIS-NET   LLL-TIS-NET                [39,40,NAL]
R 192.012.018.rrr   CIT-CS-10NET  Caltech 10Meg EtherNet       [41,AD22]
R 192.012.019.rrr   CIT-NET       Caltech Campus Net           [41,AD22]
R 192.012.020.rrr   CIT-SUN-NET   Caltech Sun Net              [41,AD22]
R 192.012.021.rrr   CIT-PHYSCOMP  Caltech Phys Comp Net        [41,AD22]
R 192.012.022.rrr   UTCSRES       UTCS Net Research            [39,JBC2]
R 192.012.023.rrr   UTCSTTY       UTCS TTY Kludgenet           [39,JBC2]
R 192.012.025.rrr   CSS-GRAMINAE  CSS Workstation Net           [19,RR2]
R 192.012.026.rrr   NOSC-NETR     Net-R Testbed at BBN         [34,CP10]
R 192.012.027.rrr   UR-LASER      UR Laser Energetics          [39,WL31]
R*192.012.028.rrr   RIACS-X-NET   RIACS-Experimental-Net          [DG28]
D 192.012.029.rrr   RF-EVANS      ADDCOMPE DC3 LAN1            [39,MB31]
D 192.012.030.rrr   RF-HEX-A      ADDCOMPE DC3 LAN2            [39,MB31]
D 192.012.031.rrr   USNA-ENET     USNA Engineering Net          [39,TS9]
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R*192.012.032.rrr   CMU-VINEYARD  CMU File Cluster Net       [39,MK68]
R 192.012.033.rrr   SRI-CSL-NET   SRI-CSL 10MB Ethernet        [TONY]
C*192.012.034.rrr-192.012.043.rrr Schlumberger PA Net        [39,SL10]
R 192.012.044.rrr T NRTC-NET      Northrop Research Net      [39,RSM1]
R 192.012.045.rrr   ACC-SB-IMP-NET ACC Santa Barbara IMP       [AB20]
R 192.012.046.rrr   ACC-SB-ETHER  ACC Santa Barbara Ethernet   [AB20]
R 192.012.047.rrr   UMN-UCC-NET   Univ. of Minnesota          [RG12]
G 192.012.048.rrr   AMES-ED-EXPNET Code ED Exp. Net.          [39,MSM1]
G 192.012.049.rrr   AMES-ED-NET   Code ED IP Net             [39,MSM1]
G 192.012.050.rrr   AMES-DB-NET   Ames DBridge Net           [39,MSM1]
R 192.012.051.rrr   THINK-CHAOS   TMC Chaos                  [39,BJN1]
R*192.012.052.rrr   NEURO-NET     NEURO-NET                   [39,JXB]
R*192.012.053.rrr   PU-LCA        Princeton U. LCA            [39,CYH]
R 192.012.054.rrr   AERO-A3       Aerospace                     [AWS3]
R 192.012.055.rrr   HAZ-LPR-BETA  Hazeltine LPR Net           [39,KO11]
R 192.012.056.rrr   UTAH-AP-NET   Utah-Appolo-Ring-Net          [JL15]
R 192.012.057.rrr   MCC-CAD-NET   MCC CAD Subnet              [39,CBD]
R 192.012.058.rrr   MCC-PP-NET    MCC AI Subnet               [39,CBD]
R 192.012.059.rrr   MCC-DB-NET    MCC DB Subnet               [39,CBD]
R 192.012.060.rrr   MCC-HI-NET    MCC HI Subnet               [39,CBD]
R 192.012.061.rrr   MCC-SW-NET    MCC SW Subnet               [39,CBD]
R 192.012.062.rrr   DREA-ENET     DREA Lispm & Vaxen         [39,GLH5]
R 192.012.063.rrr   CYPRESS       CYPRESS Serial Net            [CAK]
D 192.012.064.rrr   LOGNET        Logistics Net GW            [4,JR15]
D 192.012.065.rrr   HELNET1       HELNET1                    [39,MJM2]
D 192.012.066.rrr   HELNET2       HELNET2                    [39,MJM2]
D 192.012.067.rrr   HELNET3       HELNET3                       [MJM2]
G 192.012.068.rrr   ORNL-MSRNET   ORNL Local Area Net          [4,THD]
R 192.012.069.rrr   UA-CS-NET     UNIV. OF ARIZ-CS DEPT      [39,BM40]
R 192.012.070.rrr   NPRDC-IPD     NPRDC-IPD REMOTE ETHERNET      [LRB]
R 192.012.071.rrr   NPRDC-ISG     NPRDC-ISG REMOTE ETHERNET      [LRB]
R 192.012.072.rrr   ULCC          UK.AC.ULCC                   [RHC3]
R 192.012.073.rrr   BTRL          UK.CO.BT-RESEARCH-LABS       [RHC3]
R*192.012.074.rrr   APPLE-ETHER   APPLE COMPUTER ETHER       [39,TM86]
R*192.012.075.rrr   PASC-RING     IBM PASC TOKEN RING           [GAL5]
R*192.012.076.rrr   UQ-NET        UNIV. OF QLD NETWORK       [39,AKH5]
C*192.012.077.rrr   PRIME         PRIME COMPUTER, INC.          [FS37]
C*192.012.078.rrr   GENNET        GENENTECH NET              [39,SM96]
C*192.012.079.rrr   SLI           SOFTWARE LEVERAGE INC.        [MG58]
R 192.012.080.rrr   CAEN          UMICH-CAEN                     [HWB]
R 192.012.081.rrr   YALE-RING-NET YALE RESEARCH RING           [HML1]
C 192.012.082.rrr   CU-CC-NET     Columbia CC Net            [39,BC14]
G 192.012.083.rrr   UCDLA-EXNET   UCDLA EXPERIMENTAL NET        [CL64]
G 192.012.084.rrr   UCDLA-PCNET   UCDLA PERSONAL NET            [CL64]
G 192.012.085.rrr   UCDLA-OPNET   UCDLA OPTICAL DISK            [CL64]
G 192.012.086.rrr   UCDLA-RADNET  UCDLA PACKET RADIO           [CL64]
G 192.012.087.rrr   UCDLA-CSLNET  UCDLA STATE LIBRARY          [CL64]
R*192.012.088.rrr   RUTGERS-NWK   RUTGERS, NEWARK             [DB150]
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R 192.012.089.rrr   SBCS-CSDEPT-1 SB Computer Science          [JS268]
R 192.012.090.rrr   SBCS-CSDEPT-2 SB Computer Science          [JS268]
 192.012.091.rrr   RPICSNET0     RPICS-LOCALNET-0              [MS9]
R 192.012.092.rrr   RPICSNET1     RPICS-LOCALNET-1              [MS9]
  192.012.093.rrr   Unassigned    Unassigned                    [NIC]
  192.012.094.rrr   Unassigned    Unassigned                    [NIC]
  192.012.095.rrr   Unassigned    Unassigned                    [NIC]
  192.012.096.rrr   Unassigned    Unassigned                    [NIC]
  192.012.097.rrr   Unassigned    Unassigned                    [NIC]
  192.012.098.rrr   Unassigned    Unassigned                    [NIC]
  192.012.099.rrr   Unassigned    Unassigned                    [NIC]
  192.012.100.rrr   Unassigned    Unassigned                    [NIC]
R*192.012.101.rrr   OSU-CGRG      OSU Computer Graphics      [39,KS62]
G 192.012.102.rrr   AMES-NAS-HY   AMES NAS HY NET               [MF31]
R 192.012.103.rrr   CSU-USCETHER  Colorado State Univ Nets     [RB218]
R 192.012.104.rrr   CSUNRELETHER  Colorado State Univ Nets     [RB218]
R 192.012.105.rrr   CSU-ASYNC     Colorado State Univ Nets     [RB218]
R 192.012.106.rrr   CSU-LANCE     Colorado State Univ Nets     [RB218]
R 192.012.107.rrr   CSU-ATMOS     Colorado State Univ Nets     [RB218]
R 192.012.108.rrr   CSU-UCC-ETHER Colorado State Univ Nets     [RB218]
R*192.012.109 rrr-192.012.118.rrr Colorado State Univ Nets     [RB218]
G 192.012.119.rrr   ICST          ICST Network                [39,JCN2]
D 192.012.120.rrr   MITRE-B-NET   MITRE BEDFORD ETHER            [BSW]
R*192.012.121.rrr   FSUCS         FSU COMPUTER SCIENCE 1         [TB4]
R*192.012.122.rrr   FSUCS2        FSU COMPUTER SCIENCE 2         [TB4]
G 192.012.123.rrr   AMES-CCF-NET  AMES CCF NETWORK           [39,MSM1]
D 192.012.124.rrr   ETL-LAN       ETL LOCAL AREA NET           [39,WWS]
D 192.012.125.rrr   CRDEC-NET1    CRDEC-NET1                  [39,JY11]
D 192.012.126.rrr   CRDEC-NET2    CRDEC-NET2                  [39,JY11]
R 192.012.127.rrr   LL-MI-NET     LL-Machine Intell.           [39,GAA]
R 192.012.128.rrr   AITAC-ADMIN   SRI-AITAC ADMIN NET         [39,VDC1]
C*192.012.129.rrr   SYM-CAN       Symbolics/Canada               [MMH5]
R 192.012.130.rrr   SDC-SM        SDC Santa Monica               [CAS]
R 192.012.131.rrr   SAC-ADMIN     SRI-SAC ADMIN NET           [39,KMC3]
R 192.012.132.rrr   LLL-MON       LLL Open Labnet-1          [39,BANDY]
R 192.012.133.rrr   LLL-TUE       LLL Open Labnet-2          [39,BANDY]
R 192.012.134.rrr   LLL-WED       LLL Open Labnet-3          [39,BANDY]
R 192.012.135.rrr   LLL-THU       LLL Open Labnet-4          [39,BANDY]
R 192.012.136.rrr   LLL-FRI       LLL Open Labnet-5          [39,BANDY]
R 192.012.137.rrr   LLL-SAT       LLL Open Labnet-6          [39,BANDY]
R 192.012.138.rrr   LLL-SUN       LLL Open Labnet-7          [39,BANDY]
D 192.012.139.rrr   JTELS-BEN-GW  JUMPS Teleprocessing           [RR26]
R*192.012.140.rrr   INFERENCE     INFERENCE                      [DGT6]
R 192.012.141.rrr   CSS-ETHER     CSS Workstation Net 2          [RA11]
C*192.012.142.rrr   SENTRY        Sentry Adv. Prod. Net          [LL56]
C*192.012.143.rrr   VSHIC-NET     Sentry VSHIC Test              [LL56]
R 192.012.144.rrr   ECRCNET       ECRC Internet               [39,PD39]
C*192.012.145 rrr-192.012.154.rrr RCA-CADNET                  [39,RG92]
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C*192.012.155 rrr-192.012.170.rrr MTCS-CUST                    [SF41]
D 192.012.171.rrr   PICANET2      Picatinny Arsenal 2          [RFD1]
R 192.012.172.rrr   ROCKWELLENET  ROCKWELL ETHERNET              [NG]
R 192.012.173.rrr   AERO-D8       Aerospace                    [AWS3]
R*192.012.174 rrr-192.012.183.rrr TORONTO                  [39,BD55]
R 192.012.184.rrr   DSPO-NET      BRL Hyper Proj Net           [BT5]
R 192.012.185.rrr   BU-NET        BU COMPUTING                 [BS24]
R 192.012.186.rrr   BU-ACCNET     BU ACADEMIC                  [BS24]
R 192.012.187.rrr   BU-BROADB     BU BROADBAND                 [BS24]
R 192.012.188.rrr   BU-SCINET     BU SCIENCE                   [BS24]
R 192.012.189.rrr   BU-ENGNET     BU ENGINEERING               [BS24]
R 192.012.190.rrr   BU-DSGNET     BU DIST SYS                  [BS24]
R 192.012.191.rrr   BU-MEDNET     BU MED SCHOOL                [BS24]
R 192.012.192.rrr   CNUCE-LAN1    CNR Pisa Ethernet            [ABB2]
R 192.012.193.rrr   CNUCE-LAN2    CNR Pisa Ethernet            [ABB2]
R 192.012.194.rrr   CNUCE-LAN3    CNR Pisa Ethernet            [ABB2]
R 192.012.195.rrr   SDC-PRC-NET   SDC Paoli R&D Center        [MS22]
D 192.012.196.rrr   JHUAPL-NET    JHU APL Net                [39,SAK3]
D 192.012.197.rrr   ACATT-ETHER1  ADEA/CECOM Adv Tech        [39,ERK3]
D 192.012.198.rrr   ACATT-ETHER2  ADEA/CECOM Adv Tech        [39,ERK3]
D 192.012.199.rrr   LEWIS-ETHER1  ADEA/SRI Ft. Lewis         [39,ERK3]
D 192.012.200.rrr   SRI-PSON-10   ADEA/SRI Ft. Lewis         [39,ERK3]
D 192.012.201.rrr   SRI-PSON-11   ADEA/SRI Ft. Lewis         [39,ERK3]
D 192.012.202.rrr   SRI-PSON-12   ADEA/SRI Ft. Lewis         [39,ERK3]
D 192.012.203.rrr   SRI-PSON-13   ADEA/SRI Ft. Lewis         [39,ERK3]
D 192.012.204.rrr   SRI-PSON-14   ADEA/SRI Ft. Lewis         [39,ERK3]
R 192.012.205.rrr   OHIO-STATE1   Ohio State Univ.             [RSD2]
R 192.012.206.rrr   INDIANA       Indiana-Bloomington          [BS69]
R 192.012.207.rrr   SUPERCOMP     SDSC-Supercomputer            [SIP]
  192.012.208.rrr   Unassigned    Unassigned                    [NIC]
R 192.012.209.rrr   NSF           NSF Internal Net             [FW17]
  192.012.210.rrr   Unassigned    Unassigned                    [NIC]
R 192.012.211.rrr   JVNC          NSF/JVNC Net                 [HGH1]
R 192.012.212.rrr   RAND-NET2     RAND-NET2                     [JDG]
R 192.012.213.rrr   RAND-NET3     RAND-NET3                     [JDG]
R*192.012.214.rrr   BUFFALO-CS    SUNY/Buffalo-CS-Ether      [39,JRL3]
R 192.012.215.rrr   XDRENET       DRE X.25 COMPONENT           [JR17]
R 192.012.216.rrr   STEVENS-TECH  Stevens Inst of Tech      [39,RCM9]
R 192.012.217.rrr T EMORY-INET1   Emory Internet             [39,SA29]
R 192.012.218.rrr T EMORY-INET2   Emory Internet             [39,SA29]
R 192.012.219.rrr T EMORY-INET3   Emory Internet             [39,SA29]
R 192.012.220 rrr-192.012.234.rrr UWISC-IPNET              [39,EJN1]
R*192.012.235.rrr   IDA-NET       Comp Sc Linkoping S          [MSA1]
R 192.012.236.rrr   CITNET        CIT Campus Net             [39,CBR2]
R*192.012.237.rrr   HCSC-APOLLO   Honeywell CSC Apollo        [2,TRG4]
R*192.012.238.rrr   CU-BOULDER    CU Boulder Campus          [39,DCMW]
R*192.012.239.rrr   CU-ACS        CU ACS Net                 [39,DCMW]
R*192.012.240.rrr   CU-ENGINEER   CU Engineering Net         [39,DCMW]
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R*192.012.241.rrr   CU-SUNNET     CU Sun Net                  [39,DCMW]
R*192.012.242.rrr   CU-CER        CU CER Net                  [39,DCMW]
R*192.012.243.rrr   CU-OT         CU Office Tower             [39,DCMW]
R*192.012.244.rrr   CU-ENTERPRISE CU ECE Sun Net             [39,DCMW]
R*192.012.245.rrr   CU-LASP       CU LASP Net                 [39,DCMW]
R*192.012.246.rrr   CU-JILA       CU JILA Net                 [39,DCMW]
  192.012.247.rrr   Unassigned    Unassigned                      [NIC]
  192.012.248.rrr   Unassigned    Unassigned                      [NIC]
  192.012.249.rrr   Unassigned    Unassigned                      [NIC]
  192.012.250.rrr   Unassigned    Unassigned                      [NIC]
  192.012.251.rrr   Unassigned    Unassigned                      [NIC]
R 192.012.252.rrr   LL-VENET1     Linclon Labs Venet1         [39,BC65]
R 192.012.253.rrr   LL-VENET2     Linclon Labs Venet2         [39,BC65]
R 192.012.254.rrr   LL-APOLLO     Linclon Labs Apollo         [39,BC65]
R 192.012.255.rrr   LL-ENET       Linclon Labs Enet           [39,BC65]
D 192.013.000.rrr-192.014.255.rrr DODIIS Subnetworks              [AY5]
C*192.015.000.rrr-192.015.255.rrr NBINET                          [WW2]
G 192.016.000.rrr-192.016.049.rrr LANLLAN                     [39,JC11]
R 192.016.050.rrr-192.016.071.rrr RPI-LOCALNETS                [39,MS9]
R 192.016.072.rrr   UTCHPC        U.T. System CHPC            [39,WCB3]
R 192.016.073.rrr   UTDALLAS      U.T. Dallas                 [39,WCB3]
R 192.016.074.rrr   UTABRC        U.T. Austin BRC             [39,WCB3]
C*192.016.075.rrr-192.016.122.rrr CSC-BLOCK                   [39,GG43]
R*192.016.123.rrr-192.016.154.rrr Swedish Network                [BE10]
R*192.016.155.rrr-192.016.166.rrr CERN-Block                     [BMS2]
R 192.016.167.rrr   YALE-HP-NET   YALE-HP-NET                    [HML1]
D 192.016.168.rrr   PICANET3      Picatinny 3                    [RFD1]
D 192.016.169.rrr   NRL-HUBNET    Experimental Hubnet             [MPM]
C 192.016.170.rrr   TWG-DEMO-NET  TWG Net for Demos              [JXS1]
R 192.016.171.rrr   MACOM         M/A-COM Net                   [JMA16]
C*192.016.172.rrr   EIK-ENG       Eikonix Eng'rg Net             [SW78]
D 192.016.173.rrr   CDA-LAN       Catalog Data Act LAN           [FJS3]
R 192.016.174.rrr   LL-MICRO-NET  LL Microelectronics Net        [GLD]
R 192.016.175.rrr   GUACC         GU Academic Net                 [SA]
R 192.016.176.rrr   LSUNET        LSU Campus Ethernet            [CFB1]
R 192.016.177.rrr   UABSURA       Univ Ala at Bham               [LM62]
R*192.016.178.rrr   NTT-Y-ETHER   NTT-Y-ETHER                    [RN29]
R*192.016.179.rrr   NTT-Y-APOLLO  NTT-Y-APOLLO                   [RN29]
R 192.016.180.rrr   AMS           Amer. Math Society             [SBW4]
R 192.016.181.rrr   LL-DSN-NET    LL Dist Sensor Net              [GAA]
R*192.016.182.rrr   GTICS-SUNS    GT ICS Faculty Suns            [DD11]
R*192.016.183.rrr-192.016.202.rrr WCW-LAN                         [JA]
R*192.016.203.rrr   HCSC-SUN      Honeywell CSC SUN              [TRG4]
R 192.016.204.rrr   IASNET        Inst for Adv Study              [KHJ]
  192.016.205.rrr-192.016.255.rrr Unassigned                      [NIC]
R*192.017.000.rrr-192.017.255.rrr NIBELUNG                      [MA24]
C*192.018.000.rrr-192.018.255.rrr SUN Microsystems, Inc.         [BN4]
 *192.019.000.rrr-192.019.255.rrr SYSNET-2                       [EY5]
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C*192.020.000.rrr-192.020.255.rrr ATT-MD-NET                  [39,MH82]
C*192.021.000.rrr-192.021.255.rrr FORMATIVE                     [SAB17]
C*192.022.000.rrr-192.022.255.rrr APPLICON                       [AS90]
C*192.023.000.rrr-192.023.255.rrr FACTNET                       [JCB42]
C*192.024.000.rrr-192.024.255.rrr CHROMATICS                    [RB219]
R*192.025.000.rrr-192.025.255.rrr Hewlett Packard                 [SI8]
D*192.026.000.rrr   ACSAD         ACSAD Network                 [SLH19]
R 192.026.001.rrr   MCC-DB1-NET   MCC DB1 Network                   [CBD]
R 192.026.002.rrr   MCC-DB2-NET   MCC DB2 Network                   [CBD]
R 192.026.003.rrr   MCC-DB3-NET   MCC DB3 Network                   [CBD]
R 192.026.004.rrr   MCC-DB4-NET   MCC DB4 Network                   [CBD]
R 192.026.005.rrr   MCC-DB5-NET   MCC DB5 Network                   [CBD]
R 192.026.006.rrr   MCC-DB6-NET   MCC DB6 Network                   [CBD]
R 192.026.007.rrr   SPAWAR        SPARWAR Systems Command         [JK7]
D 192.026.008.rrr   SAIC-CPVB     SAIC-CPVB                      [MW49]
R*192.026.009.rrr   ICOT          ICOT Local Network             [ST13]
R 192.026.010.rrr   GALLAUDET     GALLAUDET UNIVERSITY            [KBC]
D 192.026.011.rrr   NRL-HUBNET1   Experimental Hubnet 1           [MPM]
D 192.026.012.rrr   NRL-HUBNET2   Experimental Hubnet 2           [MPM]
D 192.026.013.rrr   NRL-HUBNET3   Experimental Hubnet 3           [MPM]
D 192.026.014.rrr   NRL-HUBNET4   Experimental Hubnet 4           [MPM]
D 192.026.015.rrr   NRL-HUBNET5   Experimental Hubnet 5           [MPM]
D 192.026.016.rrr   NRL-HUBNET6   Experimental Hubnet 6           [MPM]
D 192.026.017.rrr   NRL-HUBNET7   Experimental Hubnet 7           [MPM]
D 192.026.018.rrr   NRL-HUBNET8   Experimental Hubnet 8           [MPM]
D 192.026.019.rrr   NRL-HUBNET9   Experimental Hubnet 9           [MPM]
  192.026.020.rrr   Unassigned    Unassigned                      [NIC]
R 192.026.021.rrr   SDC-PRC-SW    SDC/PAOLI SOFT TECH            [MS22]
R 192.026.022.rrr   SDC-PRC-LBS   SDC/PAOLI ARTIF INT            [MS22]
R 192.026.023.rrr   SDC-PRC-SA    SDC/PAOLI SYS ARCH             [MS22]
R 192.026.024.rrr   SDC-PRC-CR    SDC/PAOLI COMP RES             [MS22]
R 192.026.025.rrr   LUCID         Lucid Network                  [BM68]
D 192.026.026.rrr   NRL-FIBER     NRL Fiber Optic Net             [WF3]
R 192.026.027.rrr   ROCKEFELLER   ROCKEFELLER UNIV            [39,MK38]
R*192.026.028.rrr-192.026.047.rrr EPFL                            [YXD]
R*192.026.048.rrr   DART-ETHER    Dartmouth Ethernet             [SC59]
R 192.026.049.rrr   DUNET         U of Denver Network         [39,WE12]
R*192.026.050.rrr-192.026.082.rrr Silicon Graphics Inc          [RB221]
R 192.026.083.rrr   CSM-NET       Colorado School of Mines       [KL31]
R 192.026.084.rrr   NPRDC-FTC     NPRDC-FTC Remote Ethernet       [LRB]
R 192.026.085.rrr   NUSAN         NU Supercomp Access Net        [EEW6]
R 192.026.086.rrr   PHYSICS-SAC   NU Physics                     [EEW6]
R 192.026.087.rrr   MS-SAC        NU Material Science SAC        [EEW6]
R 192.026.088.rrr   YALE-ENG-NET  YALE-ENG-NET                    [LFO]
D 192.026.089.rrr   JTELS-BEN1-GW JTELS-BEN1-GW                  [RR26]
C*192.026.090.rrr   SYNTELNET-A   Syntelligence IPNET-A         [RAR22]
R*192.026.091.rrr   KDD           KDD Research Net               [TA24]
R*192.026.092.rrr   WRIGHT        Wright State University       [JLS45]
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R*192.026.093.rrr	AECL-NET	NTT Atsugi Lab Net	[TK43]
R*192.026.094.rrr	NTT-AP-NET	NTT ECL Appolo Net	[HM38]
R 192.026.095.rrr	LL-VLSI-NET	Lincoln Lab VLSI Net	[AHA]
R*192.026.096.rrr	FX-STC-NET2	FX-Tokyo-10BM-Net2	[SY8]
C*192.026.097.rrr	RCA-SNOOPY	Peanut Net	[RAR23]
C*192.026.098.rrr	TASC-CTC-NET	TASC Reading CTC Net	[KDM5]
C 192.026.099.rrr	FAI	FAI Local Net	[MWS10]
C 192.026.100.rrr	PROTEON-EXP1	Proteon Exp Net 1	[JS28]
C 192.026.101.rrr	PROTEON-EXP2	Proteon Exp Net 2	[JS28]
C 192.026.102.rrr	PROTEON-EXP3	Proteon Exp Net 3	[JS28]
D 192.026.103.rrr	EXNET	CECOM Exp Net	[MB31]
R*192.026.104.rrr-192.026.135.rrr		FINLAND	[JH141]
R*192.026.136.rrr	UW-TEMP	Univ. of Washington	[RA17]
R 192.026.137.rrr-192.026.146.rrr		SYR-MH-NET	[JW47]
R 192.026.147.rrr	WLV-ETHER	ETN-WLV-ETHER	[SMS1]
R 192.026.148.rrr	UMDNJ-NRAC	UMDNJ-NRAC NJMS	[LPM]
R 192.026.149.rrr	LL43-LEX-SUNC	Grp43 Lexington Net C	[VBK]
R 192.026.150.rrr	LL43-TB-SUNA	Grp43 Testbed Net A	[VBK]
C*192.026.151.rrr	LATICORP	LatiCorp Net	[39,CC108]
192.026.152.rrr-192.026.255.rrr		Unassigned	[NIC]
C*192.027.000.rrr-192.027.255.rrr		Hughes Aircraft VLSI	[PXH1]
C*192.028.000.rrr-192.028.099.rrr		MMM	[LS103]
192.028.100.rrr-192.028.255.rrr		Unassigned	[NIC]
C*192.029.000.rrr-192.029.255.rrr		SUN-NET	[BN4]
C*192.030.000.rrr-192.030.255.rrr		Hewlett Packard	[13,21,SI8]
R 192.031.000.rrr	PURDUE-GEOSC	PURDUE-GEOSCIENCES	[DEC1]
C*192.031.001.rrr	CSD-GTE-LAN	CSD-GTE-LAN-NEEDHAM	[39,MM135]
R 192.031.002.rrr	WESNET	Wesleyan Univ Net	[39,JGD1]
R 192.031.003.rrr	ALCOA-NET	Alcoa Research Net	[29,JOG]
C*192.031.004.rrr	I2-ETHER-3	I2 RCE Network	[39,NH2]
R 192.031.005.rrr	BOEING-ATC	Boeing BCS ATC LAN	[39,PM37]
C*192.031.006.rrr	SQ-ETHER	SoftQuad Inc. LAN	[39,BG23]
C 192.031.007.rrr	CISCO-NET	cisco Systems Net	[39,KSL]
G 192.031.008.rrr	USNA-CADNET	US Naval Academy Network	[39,TS9]
R 192.031.009.rrr	YALE-SUN2-NET	YALE-SUN2-NET	[RB187]
R 192.031.010.rrr-192.031.013.rrr		U.S. Army Europe Networks	[39,EK18]
R*192.031.014.rrr	UCD-NET	Denver Campus Network	[39,FCH]
C*192.031.015.rrr	CASETEK	CASE Technology, Inc.	[39,PML1]
R 192.031.016.rrr-192.031.020.rrr		CENTCOM Ethernet	[39,GIH]
R 192.031.021.rrr	SDSC-APOLLO	SDSC Apollo Ring	[2,GKN1]
C*192.031.022.rrr	SDCCARY	SAS Data Center - Cary	[DK5]
R*192.031.023.rrr	KULEUVEN-CS	Kuleuven Comptuer Sci Net	[39,JH18]
D 192.031.024.rrr	ALBM-NET	Lockheed ALBM Net	[39,MF52]
192.031.025.rrr	Unassigned	Unassigned	[NIC]
C*192.031.026.rrr	ISTNET	Imperial Software Net	[39,NT12]
R*192.031.027.rrr	ALTAIRETHER	GIPALTAIR BDBLUES NET	[OG4]
R 192.031.028.rrr	STEWARD-OBS	Steward Observatory	[39,SS80]
R*192.031.029.rrr	AMDAHL-TTD	Amdahl Test Tools Dev	[39,DR71]

R 192.031.030.rrr	ADS-DC	ADS Washington [39,JTN]
C*192.031.031.rrr	AXION-NET	BT Axion Network [39,NT13]
C*192.031.032.rrr-192.031.036.rrr		NSKK Local Area Network [39,AK36]
C*192.031.037.rrr	SDAPOLL	SAS Data Center - Cary [DK5]
C*192.031.038.rrr	TIATSPINE	TI Attleboro Spine [WDR7]
R*192.031.039.rrr	BAYLOR	Baylor Univ Network [39,BL31]
R 192.031.040.rrr	YALE-SUN3-NET	YALE-SUN3-NET [RB187]
R 192.031.041.rrr	YALE-RT-NET	YALE-RT-NET [RB187]
R 192.031.042.rrr	YALE-RT2-NET	YALE-RT2-NET [RB187]
192.031.043.rrr	CNSNET	Caltech - CNS Biology Net [39,DC99]
C 192.031.044.rrr	MRC-NET	McLean Research Center [WLG7]
R 192.031.045.rrr	WILLIAMS	Williams College [39,RW101]
192.031.046.rrr	Unassigned	Unassigned [NIC]
R 192.031.047.rrr-192.031.061.rrr		Bay Area Regional Network [AB71]
R*192.031.062.rrr	SRI-CAM	SRI Cambridge UK [39,AGS5]
R 192.031.063.rrr	SCUBED-BBONE	SCUBED-BBONE-NET [39,TH60]
R 192.031.064.rrr	S3-RESEARCH	SCUBED-RESEARCH-NET [39,TH60]
R 192.031.065.rrr	S3-FIBER-NET	SCUBED-FIBER-NET [39,TH60]
R 192.031.066.rrr	S3-ABQNET	SCUBED-ABQNET [39,TH60]
R 192.031.067.rrr	S3-SLIP-NET	SCUBED-SLIP-NET [39,TH60]
R 192.031.068.rrr	S3-THIN-NET	SCUBED-THIN-NET [39,TH60]
R 192.031.069.rrr	S3-BBONE2-NET	SCUBED-BBONE2-NET [39,TH60]
R 192.031.070.rrr	S3-ETHER2-NET	SCUBED-ETHER2-NET [39,TH60]
R 192.031.071.rrr	S3-ETHER3-NET	SCUBED-ETHER3-NET [39,TH60]
R 192.031.072.rrr	S3-ETHER4-NET	SCUBED-ETHER4-NET [39,TH60]
C*192.031.073.rrr	MTEL-APOLLO	M/A-COM MTEL Apollo Net [39,JF77]
C*192.031.074.rrr	GSSD-APOLLO	M/A-COM GSSD Apollo Net [39,PC55]
D 192.031.075.rrr	HQDA-AI	Pentagon Army AI Net [39,DH23]
D 192.031.076.rrr	CSTLNET	Combat Sys Tech Lab [MP20]
C*192.031.077.rrr	MAPNET	Mervine & Pallesen Net [23,BH80]
C*192.031.078.rrr	WELLSNET-A1	Wells Fargo IPNET-A1 [39,JN47]
C*192.031.079.rrr	WACHOVIANET-A1	Wachovia IPNET-A1 [39,PMH3]
R 192.031.080.rrr	KSUNET	KSU Campus Network [BAV]
R 192.031.081.rrr	HUSKERNET	UNL Campus Network [MM147]
D 192.031.082.rrr	HQEIS	HQ AFSC EIS [39,SMK2]
R 192.031.083.rrr	OSUNET	OSU Campus Network [PW37]
C*192.031.084.rrr	CUBI	Cubicomp Corporation Net [2,SFJ]
C 192.031.085.rrr	CLINET	Computational Logic Net [39,WAH11]
R 192.031.086.rrr	RAZORNET	UAF Campus Network [DLM34]
R 192.031.087.rrr	HARC-NET	Houston Area Rsch Ctr Net [DN22]
R 192.031.088.rrr	BCMTECH-NET	BCM Technologies Network [39,SB98]
R 192.031.089.rrr	MIAMI	University of Miami [39,HWP2]
R*192.031.090.rrr	MORAVIAN	Moravian College [JPS17]
192.031.091.rrr	Unassigned	Unassigned [NIC]
R 192.031.092.rrr	CIT-CONTROL	Caltech Control Lab [39,JD27]
R 192.031.093.rrr	CIT-SRLNET	Caltech SRL Network [39,CJL2]
R 192.031.094.rrr	KEHNET	Comp Science and Eng Ethernet [PLH8]
R*192.031.095.rrr	UCCNET	UC Corporate, Admin Net [39,AC42]

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G 192.031.096.rrr ORNL-OSTINET    OSTI Local Area Network     [24,THD]
R 192.031.097.rrr KSU-NET         Kansas State University    [39,MSM1]
D 192.031.098.rrr PBAS-BEN2-GW    PBAS-BEN2-GATEWAY             [RR26]
R 192.031.099.rrr ISUNET          ISU Campus Network            [RD80]
D 192.031.100.rrr GUNTER-LAN      GUNTER-LAN                    [TMD6]
R*192.031.101.rrr TSU-NET         Texas Southern Univ Net     [39,AZ]
R 192.031.102.rrr M2C-NET         Mass Microelectronics Ct Net  [SM67]
R 192.031.103.rrr P-TO-P-NET      CSNET Point to Point Network  [LL53]
R 192.031.104.rrr PSCSURA         PSCSURA                       [JH92]
R*192.031.105.rrr UCC-PRO-UCB     UC Corporate, Admin Net    [39,AC42]
D 192.031.106.rrr NSWSES-NAVY     PORT-HUENEME-CBC           [39,DD41]
R 192.031.107.rrr JAYHAWKNET      KU Campus Networks            [DN32]
R*192.031.108.rrr UCFCSNET        UCF CS Dept. Network       [39,TB64]
R*192.031.109.rrr FREDONIA        SUC-FREDONIA                [JM278]
C*192.031.110.rrr ADCAPOLL        Austin Data Ctr APOLLO RING  [RC113]
R*192.031.111.rrr AIRMICS         AIRMICS Research Net          [DFH2]
R*192.031.112.rrr TRINCOLL        Trinity-Hartford           [38,MA54]
C 192.031.113.rrr MONET           Univ-of-Mo-Net                [BEC5]
C*192.031.114.rrr DRINET          DRI Engineering Net        [21,KB60]
C*192.031.115.rrr FIRENET-AI      Fireman's Fund IPNET-AI    [39,CO16]
R*192.031.116.rrr-192.031.124.rrr University of Tokyo Net   [39,JM292]
R*192.031.125.rrr-192.031.144.rrr DUT Network                [39,FD18]
R 192.031.145.rrr SIGNET          Small IP Gateway Net        [39,PGM]
R 192.031.146.rrr UCR             UC Riverside               [39,WS73]
D 192.031.147.rrr NUWESNET        NUWES-KEYPORT-LAN             [RM125]
C*192.031.148.rrr AIGNET-AI       AIG IPNET-AI               [39,RK51]
C*192.031.149.rrr WACNET-AI       1st Wachovia IPNET-AI      [39,PMH3]
C*192.031.150.rrr STPNET-AI       St. Paul IPNET-AI         [39,RLP30]
C*192.031.151.rrr COGNITIONNET    CI-Headquarters            [39,DW93]
C 192.031.152.rrr ROSENET         Rosetta Network            [39,SC54]
R 192.031.153.rrr SALKNET         Salk Institute Net          [39,JOO]
R 192.031.154.rrr UNMHC-DEV       U of NM Hypercube Dvlp Net  [39,KDZ]
R 192.031.155.rrr GEOLOGY-NWU     Northwestern Geology       [39,EEW6]
R*192.031.156.rrr CANISIUS-CS     Canisius Comp Science Net [39,MS101]
R 192.031.157.rrr RTNET           C3P Ether Cube             [39,SC81]
D 192.031.158.rrr DAITC           Defense Appl Info Tech Ctr [39,CG24]
R 192.031.159.rrr NYTGCYLAB       NYTGCYLAB                 [39,SS110]
D 192.031.160.rrr NUWES-C-NET     NUWES-KEYPORT-LAN             [RM125]
R 192.031.161.rrr UCB-UCSC-NET    UCB-UCSC 56K Backup             [CF4]
G 192.031.162.rrr DOL-NET         Department of Labor Net    [39,DD47]
  192.031.163-223.255.254.rrr     Unassigned                    [NIC]
  223.255.255.rrr                 Reserved                      [JBP]
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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]

Network Totals

Assigned for the ARPA-Internet and the DDN-Internet

Class	A	B	C	Total
Research	13	173	1146	1332
Defense	9	24	558	591
Government	1	19	101	121
Commercial	3	14	16	33
Total	26	230	1821	2077

Allocated for Internet and Independent Uses

Class	A	B	C	Total
Research	14	218	2172	2404
Defense	9	25	560	594
Government	1	22	102	125
Commercial	3	36	4660	4699
Total	27	301	7494	7822

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) [33,35] 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:

Decimal	Name	References
0	Reserved	[JBP]
1	The BBN Core Gateways	[MB]
2	DCN-AS	[DLM1]
3	The MIT Gateways	[LM8]
4	ISI-AS	[JKR1]
5	Symbolics	[CH2]
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	[RBN1]
14	COLUMBIA-GW	[BC14]
15	NET DYNAMICS EXP	[ZSU]
16	LBL	[WG]
17	PURDUE-CS	[DT50]
18	UTEXAS	[JBC2]
19	CSS-DOMAIN	[RR2]
20	UR	[LB16]
21	RAND	[JDG]
22	NOSC	[RLB3]
23	RIACS-AS	[DG28]
24	AMES-NAS-GW	[MF31]
25	UCB	[MK17]
26	CORNELL	[BN9]
27	UMDNET	[MP12]
28	DFVLR-SYS	[GB7]
29	YALE-AS	[JG46]
30	SRI-AICNET	[PM4]
31	CIT-CS	[AD22]
32	STANFORD	[PA5]
33	DEC-WRL-AS	[RKJ2]
34	UDEL-EECIS	[NMM]
35	MICATON	[WDL]

36	EGP-TESTOR	[BP17]
37	NSWC	[MXP1]
38	UIUC	[AKC]
39	NRL-ITD	[AP]
40	MIT-TEST	[NC3]
41	AMES	[MSM1]
42	THINK-AS	[BJN1]
43	BNL-AS	[GC]
44	S1-DOMAIN	[LWR]
45	LLL-TIS-AS	[NAL]
46	RUTGERS	[RM8]
47	USC-OBERON	[DRS4]
48	NRL-AS	[WF3]
49	ICST-AS	[JCN2]
50	ORNL-MSRNET	[THD]
51	USAREUR-EM-AS	[WXD]
52	UCLA	[BXL]
53	NORTHROP-AS	[RSM1]
54	COA-FIN-NET	[RR26]
55	UPENN-CIS	[IW5]
56	OPTIMIS-P	[JXL]
57	UMN-REI-UC	[HWB]
58	DREA-AS	[GLH5]
59	WISC-MADISON-AS	[EJN1]
60	DARPA-BFLY	[MB]
61	DEC-MARLBORO-AS	[WM3]
62	TEKVAXC	[TE2]
63	LL-MI	[RTL]
64	MITRE-B-AS	[BSW]
65	LOGNET-AS	[JR15]
66	ETL-AI	[MMM3]
67	SDC-PRC-AS	[MXS2]
68	LANL-INET-AS	[JC11]
69	WHARTON-AS	[GBR]
70	NLM-GW	[JA1]
71	HP-INTERNET-AS	[RM142]
72	SPAR-AS	[RXB]
73	WASHINGTON-AS	[RA17]
74	XDRENET-AS	[JR17]
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	[JXR]
82	TWG-DEMO-AS	[JXS1]
83	PICANET-AS	[RFD1]

84	DTNSRDC-AS1	[RWT2]
85	AERO-NET	[LCN]
86	SURANET-AS	[JXH1]
87	INDIANA-AS	[BXS1]
88	PRINCETON-AS	[LXR]
89	NUSC-CSTLNET-AS	[MP20]
90	SUN-AS	[WM3]
91	RPI-AS	[MS9]
92	CLARKSON-AS	[JXH]
93	FORD-AS	[KR9]
94	BELVOIR-NET	[DXH]
95	NUSCLSB1	[RPP]
96	JTELS-BEN1-AS	[RR26]
97	JVNC-AS	[SH37]
98	ROCKEFELLER-AS	[MK38]
99	INTEL-IWARP	[WXM]
100	FMC-CEL	[BXL1]
101	WASH-NSF-AS	[SH47]
102	NSF-HQ-AS	[FW17]
103	NWU-AS	[EEW6]
104	COLORADO-AS	[RAJ8]
105	GSWD-VMS-AS	[PEK]
106	ETN-WLV-AS	[SMS1]
107	ECSNET-AS	[CAL7]
108	XEROX-AS	[JNL1]
109	CISCOSYSTEMS	[KSL]
110	CCA-AS	[AL6]
111	BOSTONU-AS	[BS24]
112	CMU-SEI-AS	[PDB5]
113	SCCNET-AS	[MJO4]
114	SESQUINET-AS	[GTA]
115	PBAS-BEN2-GW-AS	[RR26]
116	BELLCORE-AS	[PK28]
117	ALBM-NET-AS	[MF52]
118	NSWSES-NAVY-AS	[DD41]
119	AMS-AS	[SBW4]
120-65534	Unassigned	[NIC]
65535	Reserved	[JBP]

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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)
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)
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)
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.