Network Working Group
Request for Comments: 997

J. Reynolds
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ISI

Obsoletes RFCs: 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

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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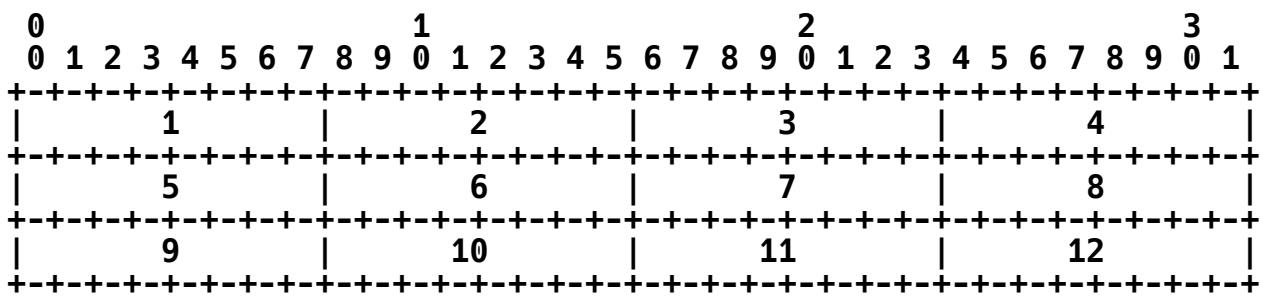
Most of the protocols used in the Internet are documented in the RFC series of notes. Some of the items listed are undocumented. Further information on protocols can be found in the memo "Official ARPA-Internet Protocols" [24]. The more prominent and more generally used are documented in the "DDN Protocol Handbook" [11] prepared by the NIC. Other collections of older or obsolete protocols are contained in the "Internet Protocol Transition Workbook" [12], or in the "ARPANET Protocol Transition Handbook" [13]. For further information on ordering the complete 1985 DDN Protocol Handbook, contact the Hostmaster.

In the entries below, the name and mailbox of the responsible individual is indicated. The bracketed entry, e.g., [nn,iii], at the right hand margin of the page indicates a reference for the listed protocol, where the number ("nn") cites the document and the letters ("iii") cites the person. Whenever possible, the letters are a NIC Ident as used in the WhoIs (NICNAME) service.

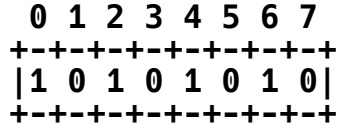
The convention in the documentation of Internet Protocols is to express numbers in decimal and to picture data in "big-endian" order [31]. That is, fields are described left to right, with the most significant octet on the left and the least significant octet on the right.

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).



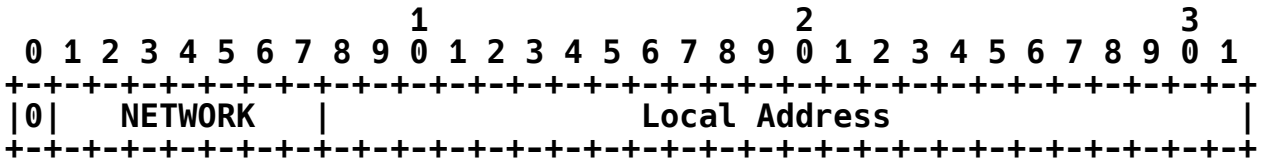
Significance of Bits

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

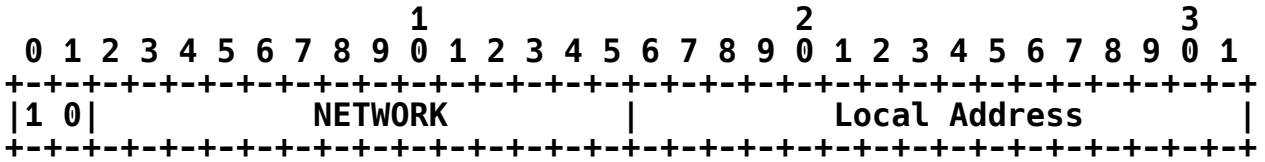
The network numbers listed here are used as internet addresses by the Internet Protocol (IP) [11,21]. The IP uses a 32-bit address field and divides that address into a network part and a "rest" or local address part. The division takes 4 forms or classes.

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.



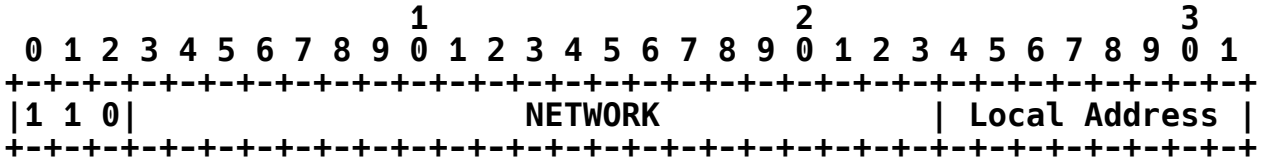
Class A Address

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.



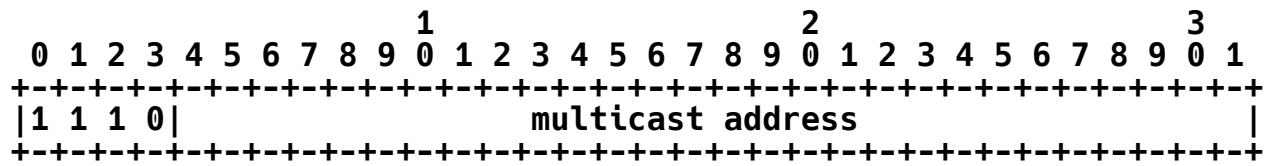
Class B Address

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.

Network Numbers

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,SA2]
D	011.rrr.rrr.rrr	DODIIS	DoD INTEL INFO SYS	[AY5]
C	012.rrr.rrr.rrr	ATT	ATT, Bell Labs	[MH12]
C	013.rrr.rrr.rrr	XEROX-NET	XEROX Internet	[30,JNL1]
C	014.rrr.rrr.rrr	PDN	Public Data Network	[SA2]
R*	015.rrr.rrr.rrr	HP-INTERNET	Hewlett-Packard-Internet	[BXR]
	016.rrr.rrr.rrr-017.rrr.rrr.rrr		Unassigned	[NIC]
R	018.rrr.rrr.rrr T	MIT-TEMP	MIT Network	[7,23,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	[FLM2]
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	[CXL]
R	032.rrr.rrr.rrr	UCL-TAC	UCL TAC	[PK]
	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	[GEOF]
	040.rrr.rrr.rrr	Unassigned	Unassigned	[NIC]
R	041.rrr.rrr.rrr	BBN-TEST-A	BBN-GATE-TEST-A	[RH6]
	042.rrr.rrr.rrr-043.rrr.rrr.rrr		Unassigned	[NIC]
R	044.rrr.rrr.rrr	AMPRNET	Amateur Radio Experiment Net	[HM]
	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	[20,DLM1]
R	128.005.rrr.rrr	FORDNET	FORD DCNET	[20,DLM1]
R	128.006.rrr.rrr	RUTGERS	RUTGERS	[CLH3]
R	128.007.rrr.rrr	DFVLR	DFVLR DCNET Network	[GB7]
R	128.008.rrr.rrr	UMDNET	Univ of Maryland DCNET	[20,DLM1]
R	128.009.rrr.rrr	ISI-NET	USC-ISI Local Network	[CMR]
R	128.010.rrr.rrr	PURDUE-CS-EN	Purdue Computer Science	[CAK]
R	128.011.rrr.rrr	BBN-CRONUS	BBN DOS Project	[19,WXM]
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	[EAK1]
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	[GEOF]
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	[BG5]
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	[BG5]
R	128.029.rrr.rrr	MITRE	MITRE Cablenet	[29,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	[DAM1]
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	[14,15,JLM23]
R	128.036.rrr.rrr	YALE-NET	YALE NET	[30,JO5]
D	128.037.rrr.rrr	YPG-NET	Yuma Proving Grounds	[4,BWA]
D	128.038.rrr.rrr	NSWC-NET	NSWC Local Host Net	[RLH2]
R	128.039.rrr.rrr	NTANET	NDRE-TIU	[PS27]
R	128.040.rrr.rrr	UCL-NET-A	UCL	[RC77]
R	128.041.rrr.rrr	UCL-NET-B	UCL	[RC77]
R	128.042.rrr.rrr	RICE-NET	Rice University	[30,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	[30,RKJ2]
R 128.046.rrr.rrr	PURDUE-NET	Purdue Campus Network	[CAK]
D 128.047.rrr.rrr	TACTNET	Tactical Packet Net	[3,KTP]
G 128.048.rrr.rrr	UCDLA-NET-B	UCDLA-Network-B	[4,CXL]
R 128.049.rrr.rrr	NOSC-ETHER	NOSC Ethernet	[30,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	[30,MDC]
R 128.053.rrr.rrr	SAC-PR-2	SAC PRNET Number 2	[BG5]
R 128.054.rrr.rrr	UCSD	UC San Diego Network	[30,GH29]
R*128.055.rrr.rrr	MFENET	LLNL MFE Network	[28,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]
C*128.058.rrr.rrr	SPAR	Schlumberger PA Net	[30,RXB]
R 128.059.rrr.rrr	CU-NET	Columbia University	[30,LH2]
D 128.060.rrr.rrr	NRL-LAN	NRL Lab Area Net	[WF3]
R*128.061.rrr.rrr	GATECH	Georgia Tech	[30,GXS]
R 128.062.rrr.rrr	MCC-NET	MCC Corporate Net	[30,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	[30,CH2]
128.082.rrr.rrr	Unassigned	Unassigned	[NIC]
R 128.083.rrr.rrr	UTAUSTIN	U. Texas Austin	[30,JBC2]
R 128.084.rrr.rrr	CORNELL-NET	Cornell Backbone Net	[30,BN9]
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	[AXG]
R 128.089.rrr.rrr	BBN-ENET-TEMP	BBN ETHER NETWORK	[30,SGC]
C*128.090.rrr.rrr	PQS	PERQ SYSTEMS CORP	[30,DXS]
R 128.091.rrr.rrr	UPENN	UPenn Campus Network	[30,IW5]
R 128.092.rrr.rrr	INTELLINET	INTELLICORP NET	[30,DAVE]
R*128.093.rrr.rrr	INRIA-ROCQU	INRIA Rocquencourt	[MXA1]
R*128.094.rrr.rrr	SYSNET	AT&T SYSNETWORK	[EXY]
R 128.095.rrr.rrr	WASHINGTON	Comp Sci Ether Net	[30,RA17]
C*128.096.rrr.rrr	BELLCORE-NET	BELLCORE-NET	[PK28]
R 128.097.rrr.rrr	UCLANET	UCLA Network	[BJL5]
R 128.098.rrr.rrr	RSRE-EN2	RSRE-EXP-NET-2	[JXW]
C 128.099.rrr.rrr	NORTHROP-NET	Northrop Net	[30,RSM1]
R*128.100.rrr.rrr	TORONTO	U. of Toronto Net	[30,BXD]
R 128.101.rrr.rrr	UMN	Univ. of Minn.	[SSB]
G 128.102.rrr.rrr	AMES-NET	Ames Backbone Net.	[30,MSM1]
R 128.103.rrr.rrr	HARV-FIBER	Harvard FiberOp Ether	[30,SB28]
R 128.104.rrr.rrr	WISC-HERD	Univ. of Wisconsin	[30,EJN1]
R 128.105.rrr.rrr	WISC	Univ. of Wisconsin	[30,CBP]
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	[JXR]
R 128.110.rrr.rrr	UTAH-NET	UTAH-CAMPUS-NET	[JL15]
R 128.111.rrr.rrr	UCSB	U of CA, Santa Barbara	[PXH]
R 128.112.rrr.rrr	PRINCETON	Princeton University	[LXR]
R 128.113.rrr.rrr	RPINET	RPI-LOCALNET	[MS9]
R 128.114.rrr.rrr	UCSC	U.C. Santa Cruz Net	[30,JXH]
R 128.115.rrr.rrr	LLL-LABNET	LLNL Open Labnet	[BANDY]
R 128.116.rrr.rrr	USAN	UNIV SATELLITE NET	[30,BXI]
R 128.117.rrr.rrr	UCAR	UNIV CORP ATM RSCH	[30,BXI]
R 128.118.rrr.rrr	PENN-STATE	Penn State Network	[SXS1]
R 128.119.rrr.rrr	UMASS-CS	UMass COINS Dept LAN	[30,GXW]
R 128.120.rrr.rrr	UCDAVIS	U.C. Davis Network	[30,RXH]
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	[30,MXS3]
R 128.124.rrr.rrr T	NTA-TEMP	NTARE BF-TO-PDP11	[TM10]
R 128.125.rrr.rrr	USCNET	USC Campus Network	[30,MAB4]
R 128.126.rrr.rrr	SDC-PRC	SDC Paoli R&D Center	[30,MXS2]
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	[RXA]
R*128.130.rrr.rrr	TUNET-T	TU Wien Terminal Net	[30,GXP1]
R*128.131.rrr.rrr	TUNET-F	TU Wien File Net	[30,GXP1]
G*128.132.rrr.rrr	RADC-LONS	RADC-LONS Net	[30,GXG]
G*128.133.rrr.rrr	AFSC-LONS	AFSC-LONS Net	[30,GXG]
R 128.134.rrr.rrr	SDN	System Dev Net	[5,6,HXC]
R 128.135.rrr.rrr	U-CHICAGO	UNIVERSITYOFCHICAGO	[30,MC17]
R 128.136.rrr.rrr	TEK-ALLNET	Teknowledge-Net	[30,TE2]
C*128.137.rrr.rrr	GENNET1	Genentech Corp Net	[30,SXM1]
R 128.138.rrr.rrr	COLORADO	U Colorado Boulder	[30,RXJ1]
R 128.139.rrr.rrr	ILAN	Israel Academic Net	[30,DB35]
R 128.140.rrr.rrr	EMORY-INET	Emory Internet	[30,SA29]
R*128.141.rrr.rrr	CERN-ETHER	DD Main Ethernet	[30,BXS]
R*128.142.rrr.rrr	CERN-TOKEN	DD Main IBM Token Ring	[30,BXS]
R*128.143.rrr.rrr	VIRGINIA	Univ. of Virginia	[30,JXJ1]
R*128.144.rrr.rrr	ARC-CALGARY	Alta Research Calgary	[DXK]
R 128.145.rrr.rrr	NYSERNET	NYSERNET	[MXF]
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	[MXR1]
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	[TXM1]
C*128.152.rrr.rrr	HAC-VLSI	Hughes Aircraft VLSI Net	[PXH1]
R 128.153.rrr.rrr	CLARKSON	Clarkson University	[JXH]
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]
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	[MSM1]
G 128.161.rrr.rrr	NSN-NET	NASA Science Net	[MSM1]
C 128.162.rrr.rrr	CRAY-NET	Cray Research	[DXB]
R 128.163.rrr.rrr	UKY	Univ of Kentucky	[GXB]
R 128.164.rrr.rrr	GWU-GATE	George Washington U.	[TXT]
G 128.165.rrr.rrr	LANL-INET	LANL Inter-Network	[JC11]
D*128.166.rrr.rrr	BAC-NET	Boeing Aerospace Corp Net	[JXJ2]
R 128.167.rrr.rrr	SURA	SURAnet	[JXH1]
C 128.168.rrr.rrr	GOLDHILL	Gold-Hill-Computers	[GXM]
R 128.169.rrr.rrr	UTK	Univ Tenn-Knoxville	[JXC]
R 128.170.rrr.rrr	SDC-CAM	SDC Camarillo R&D Net	[DSR]
R*128.171.rrr.rrr	HAWAII	Univ. of Hawaii	[BXC]
R 128.172.rrr.rrr	VCU-LAN	VCU-LAN	[JXN]
R 128.173.rrr.rrr	VA-TECH	Virgina Tech Net	[PXB]
R 128.174.rrr.rrr	UIUC-CAMPUS-B	UIUC Campus Network	[PXP1]
R 128.175.rrr.rrr	UDELNET	U. of Delaware Network	[DJG2]
R*128.176.rrr.rrr	DMSWWU-ETHER	DMSWWU ETHERNET	[WXW1]
C*128.177.rrr.rrr	BLI-NET	Britton Lee Network	[EXA]
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	[MXM2]
C*128.181.rrr.rrr	TEKTRONIX	Tektronix Engineering	[JXB2]
R 128.182.rrr.rrr	PSCNET	PSC Affiliates Net	[JXE1]
R 128.183.rrr.rrr	GSFC	GSFC NASA	[JXB3]
R*128.184.rrr.rrr	DEAKINET	Deakinet Univ Net	[JXM]
C 128.185.rrr.rrr	PROTEON-NET	Proteon Network	[JS28]
R 128.186.rrr.rrr	FSU	Florida State Univ	[KXH]
R*128.187.rrr.rrr	BYU-NET	Brigham Young Net	[KXM]
R*128.188.rrr.rrr	M2CNET	Mass VLSI/CAD Net	[SD1]
R*128.189.rrr.rrr	BCNET	British Columbia Net	[DXO1]
G 128.190.rrr.rrr	BELVOIR-G/W	BRADEC Subnet	[DXH]
C*128.191.rrr.rrr	NECIS-NET	NEC Info Systems Net	[DXP]
R 128.192.rrr.rrr	UGA	UGNET	[EXH]
R 128.193.rrr.rrr	ORSTATE	Oregon State U. Net	[BXA]
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	[AXG1]
R 128.197.rrr.rrr	BU-NET	BU-NET	[BS24]
R*128.198.rrr.rrr	CU-COLOSPGS	CU-Colorado-Spgs-Net	[GXT]
R*128.199.rrr.rrr	STC	STC PLC Company Net	[AXM]
R 128.200.rrr.rrr	UCI-NET	UCI Campus Network	[DXW1]
R*128.201.rrr.rrr	RENUIR	Reseau des universites	[RXN1]
D 128.202.rrr.rrr	2SWNET	2 SW SPACENET LAN	[JXD]

R*128.203.rrr.rrr	UB-INC	Ungermann-Bass Inc	[DXC]
R 128.204.rrr.rrr	ALBNYNET	U at Albany Net	[BXC]
R 128.205.rrr.rrr	UBUFFALONET	UNIVOFBUFFALONET	[CXD]
R 128.206.rrr.rrr	UBUFFCSNET	UNIVOFBUFFALOCSNET	[CXD]
128.207.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		[30,PK28]
R	192.005.001.rrr	CISLHYPERNET	Honeywell	[JLM23]
R*	192.005.002.rrr	UF-NET-A	UF-CIS Dept Ether	[AXW]
C	192.005.003.rrr	HP-DESIGN-AIDS	HP Design Aids	[AXG]
C	192.005.004.rrr	HP-TCG-UNIX	Hewlett Packard TCG Unix	[AXG]
R	192.005.005.rrr	DEC-MRNET	DEC Marlboro Ethernet	[30,KWP]
R	192.005.006.rrr	DEC-MRRAD	DEC Marlboro Developmt	[30,KWP]
R	192.005.007.rrr	CIT-CS-NET	Caltech-CS-Net	[33,DSW]
R	192.005.008.rrr	MACOMNET	MACOM Network	[SXB]
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	[30,FAS]
R	192.005.014.rrr	RAND-NET	RAND Network	[30,JDG]
R	192.005.015.rrr T	NYU-NET-TEMP	NYU Network	[EF5]
R	192.005.016.rrr	LANLLAND	Los Alamos Dev LAN	[30,JC11]
R	192.005.017.rrr	NRL-NET	Naval Research Lab	[AP]
R	192.005.018.rrr	IPTO-NET	ARPA-IPTO Office Net	[SA2]
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	[TXC]
D 192.005.027.rrr	DTNSRDC-NET	DTNSRDC-NET	[TXC]
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	[PXN]
R 192.005.032.rrr	CISLTESTNET2	Honeywell	[14,15 ,JLM23]
R 192.005.033.rrr	CISLTESTNET3	Honeywell	[14,15,JLM23]
R 192.005.034.rrr	CISLTESTNET4	Honeywell	[14,15,JLM23]
R 192.005.035.rrr	RIACS	USRA	[30,WPJ]
R 192.005.036.rrr	CORNELL-CS	CORNELL CS Research	[30,DK2]
R 192.005.037.rrr	UR-CS-NET	U of R CS 3Mb Net	[30,LB16]
R 192.005.038.rrr	SRI-C3ETHER	SRI-AITAD C3ETHERNET	[30,BG5]
R 192.005.039.rrr	UDEL-EECIS	Udel EECIS LAN	[30,DJG2]
R 192.005.040.rrr	PUCC-NET-A	PURDUE Comp Cntr Net	[JRS8]
D 192.005.041.rrr	WISLAN	WIS Research LAN	[30,JRM1]
D 192.005.042.rrr	HYPER-1ISG	AFDSC Hypernet	[MCA1]
R 192.005.043.rrr	CUCSNET	Columbia CS Net	[30,LH2]
R 192.005.044.rrr	FARBER-PC-NET	Farber PC Network	[DJF]
R 192.005.045.rrr	AIDS-NET	AI&DS Network	[30,KFD]
R 192.005.046.rrr	NTA-RING	NDRE-RING	[PS27]
R 192.005.047.rrr	NSRDC	NSRDC	[PXM]
R 192.005.048.rrr	PURDUE-CS-NET	Purdue CS Ethernet	[30,CAK]
R 192.005.049.rrr	UCSF	Univ of Calif, San Fran	[30,TF6]
R 192.005.050.rrr	CTH-CS-NET	Chalmers CSN Net	[30,UXB]
R 192.005.051.rrr	THEORYNET	Cornell Theory Center	[30,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	[30,LB16]
R 192.005.054.rrr	AERO-A6	Aerospace	[1,LCN]
R 192.005.055.rrr	UCLA-CECS	UCLA-CECS Network	[30,RBW]
C 192.005.056.rrr	TARTAN-NET	Tartan Labs	[SXB]
R 192.005.057.rrr	UDEL-CC	UDEL Comp Center	[30,RR18]
R 192.005.058.rrr	CSNET-PDN	CSNET X.25 Network	[18,RDR4]
R*192.005.059.rrr	INRIA-SM90	Inria GIP SM-90	[MXS]
R*192.005.060.rrr	SM90-X1	Inria SM-90 exp. 1	[MXS]
R*192.005.061.rrr	SM90-X2	Inria SM-90 exp. 2	[MXS]
R*192.005.062.rrr	LITP-SM90	LITP SM-90	[MXS]
R 192.005.063.rrr	ENCORE	Encore-Marlboro	[IXN]
R 192.005.064.rrr	AMES-NAS-NET	NASA ARC NAS LAN	[30,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	[30,GIH]
R 192.005.068.rrr	AERO-130	AEROSPACE-130	[LCN]
R 192.005.069.rrr	UIUC-NET	Univ of IL at Urbana	[30,AKC]
G 192.005.070.rrr	CELAN	COINS Exper. LAN	[MXM]
R 192.005.071.rrr	SAC-ETHER	SAC C3 Ethernet	[30,BG5]

R*192.005.072.rrr	U CHICAGO	U Chicago	[TXN]
R 192.005.073.rrr	U CHICAGO	U Chicago	[TXN]
R*192.005.074.rrr-192.005.087.rrr		U Chicago	[TXN]
R 192.005.088.rrr	YALE-EE-NET	YALE-EE-NET	[30,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	[9,17,GG11]
R 192.005.092.rrr	BRAGG-ETHER	SRI Bragg Ether	[30,GIH]
R 192.005.093.rrr	SRI-DEMO	SRI Ether Demo	[30,GIH]
R*192.005.094.rrr	SDCRDCF-10MB	SDC R&D primary net	[30,DJV1]
R*192.005.095.rrr	SDCRDCF-3MB	SDC R&D old net	[30,DJV1]
R*192.005.096.rrr	UBC-CS-NET	UBC Comp Sci Net	[30,PXB]
R*192.005.097.rrr	UCLA-CS-LNI	UCLA CS LNI Network	[RBW]
R*192.005.098.rrr	UCLA-PIC	UCLA PIC Network	[30,RBW]
R 192.005.099.rrr	SPACENET	S-1 Workstation Net.	[30,TXW]
R*192.005.100.rrr	HCSC-NET	Honeywell CSC Net	[30,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	[SMF]
R 192.005.104.rrr	THINK-INET	Thinking Machines	[30,BJN1]
R 192.005.105.rrr	CCA-POND	CCA Ethernet1 (POND)	[34,AL6]
C*192.005.106.rrr	BITSTREAM	Bitstream Type Foundry	[30,PXA]
R*192.005.107.rrr	PASC-ETHER	IBM PASC Ethernet	[30,GXL]
R*192.005.108.rrr	PASC-BB	IBM PASC Broadband	[17,GXL]
R*192.005.109.rrr	CWR-JCC-T	ARJCC TOPS-20 NET	[30,JAG3]
R*192.005.110.rrr	CWR-JCC-L	ARJCC LOCAL NET	[30,JAG3]
R*192.005.111.rrr	CWR-QUAD	Campus QUAD NET	[30,JAG3]
R*192.005.112.rrr	CWR-CAISR	CAISR LOCAL NET	[30,JAG3]
R*192.005.113.rrr	CWR-CES	CES LOCAL NET	[JAG3]
C*192.005.114.rrr	I2-RING-1	INTERMETRICS PRONET	[30,NXH]
C*192.005.115.rrr	I2-ETHER-1	INTERMETRICS ETHER	[30,NXH]
R 192.005.116.rrr	BRAGGNET-1	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.117.rrr	BRAGGNET-2	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.118.rrr	BRAGGNET-3	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.119.rrr	BRAGGNET-4	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.120.rrr	BRAGGNET-5	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.121.rrr	BRAGGNET-6	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.122.rrr	BRAGGNET-7	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.123.rrr	BRAGGNET-8	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.124.rrr	BRAGGNET-9	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.125.rrr	BRAGGNET-10	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.126.rrr	BRAGGNET-11	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.127.rrr	BRAGGNET-12	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.128.rrr	BRAGGNET-13	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.129.rrr	BRAGGNET-14	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.130.rrr	BRAGGNET-15	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.131.rrr	BRAGGNET-16	BRAGG/ADDCOMPE	[30,BG25]
R 192.005.132.rrr	BRAGGNET-17	BRAGG/ADDCOMPE	[30,BG25]

R*192.005.133.rrr	PERCEPT-AI	Perceptronics	[KXC]
C*192.005.134.rrr	I2-ETHER-2	Intermetrics	[30,NH2]
R 192.005.135.rrr	LL-SPEECH-NET	LL Speech Net	[30,RH60]
R 192.005.136.rrr	LL43-LEX-BACK	Lincoln G43-LEX-BACK	[30,BC65]
R 192.005.137.rrr	LL43-LEX-SUNA	Lincoln G43-LEX-SUNA	[30,BC65]
R 192.005.138.rrr	LL43-LEX-SUNB	Lincoln G43-LEX-SUNB	[30,BC65]
R 192.005.139.rrr	LL43-LEX-APO	Lincoln G43-LEX-APO	[30,BC65]
R 192.005.140.rrr	LL43-TB-BACK	Lincoln G43-TB-BACK	[30,BC65]
R 192.005.141.rrr	LL43-TB-APO	Lincoln G43-TB-APO	[30,BC65]
R*192.005.142.rrr	CCVR	CCVR Network	[30,RXD]
R 192.005.143.rrr	NWU	NORTHWESTERN	[AXS]
R 192.005.144.rrr	CRE-NET	CANADA-CRC-ETHERNET	[JR17]
R 192.005.145.rrr	ECRC-SL	ECRC-SL Net	[PXD]
R 192.005.146.rrr	CPW-PSC	Pittsburgh SC Center	[MXL]
R 192.005.147.rrr	ALV-ETHER	MMDAALVVAX	[LXR]
R 192.005.148.rrr	DISE	Dist Sys Eval Envir	[RHS4]
R 192.005.149.rrr	RDL-ETHER	RDL	[30,MXS1]
G*192.005.150.rrr	SP-ACE-NET	Sperry Space Sys Net	[30,JXM]
R 192.005.151.rrr	PENN-STATE-1	Penn State Network	[SXS1]
R 192.005.152.rrr	PENN-STATE-2	Penn State Network	[SXS1]
R 192.005.153.rrr	PENN-STATE-3	Penn State Network	[SXS1]
R 192.005.154.rrr	PENN-STATE-4	Penn State Network	[SXS1]
R 192.005.155.rrr	PENN-STATE-5	Penn State Network	[SXS1]
R 192.005.156.rrr	PENN-STATE-6	Penn State Network	[SXS1]
R 192.005.157.rrr	PENN-STATE-7	Penn State Network	[SXS1]
R 192.005.158.rrr	PENN-STATE-8	Penn State Network	[SXS1]
R 192.005.159.rrr	PENN-STATE-9	Penn State Network	[SXS1]
R 192.005.160.rrr	PENN-STATE-10	Penn State Network	[SXS1]
R 192.005.161.rrr	PENN-STATE-11	Penn State Network	[SXS1]
R 192.005.162.rrr	PENN-STATE-12	Penn State Network	[SXS1]
C*192.005.163.rrr	I2-SPDNET-1	I2 SPD Ethernet	[30,NH2]
C 192.005.164.rrr	GTEECN	GTE Eng Net	[30,JXE]
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	[30,CBD]
R 192.005.168.rrr	MCC-CAD2-NET	MCC CAD2 Subnet	[30,CBD]
R 192.005.169.rrr	MCC-PKG-NET	MCC PKG Subnet	[30,CBD]
G 192.005.170.rrr	ANLNET1	Argonne Network	[30,LW26]
G 192.005.171.rrr	ANLNET2	Argonne Network	[30,LW26]
G 192.005.172.rrr	ANLNET3	Argonne Network	[30,LW26]
G 192.005.173.rrr	ANLNET4	Argonne Network	[30,LW26]
G 192.005.174.rrr	ANLNET5	Argonne Network	[30,LW26]
G 192.005.175.rrr	ANLNET6	Argonne Network	[30,LW26]
G 192.005.176.rrr	ANLNET7	Argonne Network	[30,LW26]
G 192.005.177.rrr	ANLNET8	Argonne Network	[30,LW26]
G 192.005.178.rrr	ANLNET9	Argonne Network	[30,LW26]
G 192.005.179.rrr	ANLNET10	Argonne Network	[30,LW26]
G 192.005.180.rrr	ANLNET11	Argonne Network	[30,LW26]

G 192.005.181.rrr	ANLNET12	Argonne Network	[30,LW26]
G 192.005.182.rrr	ANLNET13	Argonne Network	[30,LW26]
G 192.005.183.rrr	ANLNET14	Argonne Network	[30,LW26]
G 192.005.184.rrr	ANLNET15	Argonne Network	[30,LW26]
G 192.005.185.rrr	ANLNET16	Argonne Network	[30,LW26]
G 192.005.186.rrr	ANLNET17	Argonne Network	[30,LW26]
G 192.005.187.rrr	ANLNET18	Argonne Network	[30,LW26]
G 192.005.188.rrr	ANLNET19	Argonne Network	[30,LW26]
G 192.005.189.rrr	ANLNET20	Argonne Network	[30,LW26]
G 192.005.190.rrr	ANLNET21	Argonne Network	[30,LW26]
G 192.005.191.rrr	ANLNET22	Argonne Network	[30,LW26]
G 192.005.192.rrr	ANLNET23	Argonne Network	[30,LW26]
G 192.005.193.rrr	ANLNET24	Argonne Network	[30,LW26]
G 192.005.194.rrr	ANLNET25	Argonne Network	[30,LW26]
G 192.005.195.rrr	ANLNET26	Argonne Network	[30,LW26]
G 192.005.196.rrr	ANLNET27	Argonne Network	[30,LW26]
G 192.005.197.rrr	ANLNET28	Argonne Network	[30,LW26]
G 192.005.198.rrr	ANLNET29	Argonne Network	[30,LW26]
G 192.005.199.rrr	ANLNET30	Argonne Network	[30,LW26]
G 192.005.200.rrr	ANLNET31	Argonne Network	[30,LW26]
G 192.005.201.rrr	ANLNET32	Argonne Network	[30,LW26]
R 192.005.202.rrr	FMC-CEL	FMC-CEL Host Net	[30,BXL1]
R*192.005.203.rrr	OKSTATE-CS	Okla. St. CS Network	[30,MXV]
R 192.005.204.rrr	SKL-ENET	Canada_SKL_ethernet	[JR17]
R*192.005.205.rrr	ARC-CALGARY	Alta Research Calgary	[DXK]
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	[RXE]
G 192.005.210.rrr	ECSNET	Embedded Comp Sys Net	[CAL7]
R 192.005.211.rrr	INTEL-IWARP	Intel iWarp Net	[30,BT5]
R 192.005.212.rrr T	EMORY-INET4	Emory Internet 4	[SA29]
R 192.005.213.rrr	HARRIS	Harris-GSSNet	[DXT1]
C*192.005.214.rrr	DECUACNET	Decuac Network	[30,FXA]
R 192.005.215.rrr	MASONNET	GMU Network	[30,TH15]
R*192.005.216.rrr	NTT-NET	NTT Research Lab Net	[30,YXS]
R 192.005.217.rrr	YALE-ZOO-NET	Yale Apollo Ed Net	[RC77]
R 192.005.218.rrr	ARINC-GW-NET	Yale Apollo Ed Net	[YXN]
R 192.005.219.rrr	CLEMSON	Clemson Univ Comp Center	[DXB]
C*192.005.220.rrr	SCCNET	SPACECOM IP Network	[MXO]
C*192.005.221.rrr	CSC-LONS	CSC-LONS Network	[30,GXG]
C*192.005.222.rrr	CSC-OIS	CSC-OIS Network	[30,GXG]
R*192.005.223.rrr	HWELL-RE	HWELL-RESD-ENGRG	[30,PXP]
D*192.005.224.rrr	HAIC-NET	Hughes AI Center Net	[30,DXK]
C*192.005.225.rrr-192.005.236.rrr		GE CALMA BLOCK	[30,TXR]
C*192.005.237.rrr	PRIME-AI	Prime AI CAD/CAM	[22,NXS]
C*192.005.238.rrr	PALLADIAN-1	Palladian-IN1	[CSTACY]
C*192.005.239.rrr	PALLADIAN-2	Palladian-RING	[CSTACY]

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C*192.005.240.rrr   PALLADIAN-3   Palladian-IN2           [CSTACY]
R 192.005.241.rrr   USC-CYPRESS   USC Cypress Network      [8,DXE]
C*192.005.242.rrr   MOT-ASIC      Motorola Chandler LAN     [GXW1]
C*192.005.243.rrr   MOT-MESA      Motorola Mesa LAN         [GXW1]
C*192.005.244.rrr   MOT-DOVER     Motorola Dover LAN        [GXW1]
C*192.005.245.rrr   MOT-PRICE     Motorola Prince Road LAN  [GXW1]
C*192.005.246.rrr   MOT-PICO      Motorola Pico LAN         [GXW1]
C*192.005.247.rrr   MOT-52ND      Motorola Semi MIS LAN     [GXW1]
C*192.005.248.rrr   MOT-AUSTIN    Motorola Austin LAN       [GXW1]
C*192.005.249.rrr   MOT-OAKHILL   Motorola Oakhill LAN      [GXW1]
C*192.005.250.rrr   MOT-TELAVIV   Motorola Tel Aviv LAN     [GXW1]
C*192.005.251.rrr   MOT-GENEVA    Motorola Geneva LAN       [GXW1]
C*192.005.252.rrr   MOT-TOKYO     Motorola Tokyo LAN        [GXW1]
C*192.005.253.rrr   MOT-HONGKONG  Motorola Hongkong LAN     [GXW1]
R*192.005.254.rrr   ANSA          ANSA Project            [30,DXO]
  192.005.255.rrr   Unassigned    Unassigned                 [NIC]
C*192.006.000.rrr-192.006.255.rrr Hewlett Packard            [AXG]
C*192.007.000.rrr-192.007.255.rrr Computer Consoles, Inc.   [RA11]
C*192.008.000.rrr-192.008.255.rrr Spartacus Computers, Inc.  [SXM]
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           [30,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            [MH12]
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   [30,AMS1]
C*192.012.004.rrr   SCG-NET       Hughes SCG Net          [32,MXP]
R 192.012.005.rrr   AIC-LISPMS    SRI-AIC-LispMachNet     [30,PM4]
R 192.012.006.rrr   NPS-C2        NPS-C2                  [30,AW9]
R 192.012.007.rrr T NYU-CS-ETHER  NYU CompSci Ethernet    [30,LOU]
D 192.012.008.rrr   PICANET1      Picatinny Arsenal LAN1 [30,RFD1]
R 192.012.009.rrr T CADRE-NET     Decision Systems Lab       [SM6]
R 192.012.010.rrr   CORNELL-ENG   Cornell-Engineering     [30,BN9]
R 192.012.011.rrr   MIT-TEST      MIT Gateway TEST NET    [30,NC3]
G 192.012.012.rrr   NBS           NBS Network               [JCN2]
R 192.012.013.rrr   JHU-NET1      JHU-NET1                [30,MO14]
R 192.012.014.rrr   JHU-NET2      JHU-NET2                [30,MO14]
R 192.012.015.rrr   BROOKNET      BNL Brooknet III          [30,GC]
R 192.012.016.rrr   PRMNET        SRI-SURAN-EN            [30,BP17]
G 192.012.017.rrr   LLL-TIS-NET   LLL-TIS-NET          [30,32,NAL]
R 192.012.018.rrr   CIT-CS-10NET  Caltech 10Meg EtherNet [33,AD22]
R 192.012.019.rrr   CIT-NET       Caltech Campus Net      [33,AD22]
R 192.012.020.rrr   CIT-SUN-NET   Caltech Sun Net         [33,AD22]
R 192.012.021.rrr   CIT-PHYSCOMP  Caltech Phys Comp Net   [33,AD22]
R 192.012.022.rrr   UTCSRES       UTCS Net Research       [30,JBC2]
R 192.012.023.rrr   UTCSTTY       UTCS TTY Kludgenet      [30,JBC2]
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R 192.012.024.rrr	MICANET	MITRE (Experimental)	[WDL]
R 192.012.025.rrr	CSS-GRAMINAE	CSS Workstation Net	[16,RR2]
R 192.012.026.rrr	NOSC-NETR	Net-R Testbed at BBN	[26,CP10]
R 192.012.027.rrr	UR-LASER	UR Laser Energetics	[30,WXL]
R*192.012.028.rrr	RIACS-X-NET	RIACS-Experimental-Net	[DG28]
D 192.012.029.rrr	RF-EVANS	ADDCOMPE DC3 LAN1	[30,MB31]
D 192.012.030.rrr	RF-HEX-A	ADDCOMPE DC3 LAN2	[30,MB31]
D 192.012.031.rrr	USNA-ENET	USNA Engineering Net	[30,TS9]
R*192.012.032.rrr	CMU-VINEYARD	CMU File Cluster Net	[30,MXK]
R 192.012.033.rrr	SRI-CSL-NET	SRI-CSL 10MB Ethernet	[GEOF]
C*192.012.034.rrr-192.012.043.rrr		Schlumberger PA Net	[30,RXB]
R 192.012.044.rrr T	NRTC-NET	Northrop Research Net	[30,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.	[30,MSM1]
G 192.012.049.rrr	AMES-ED-NET	Code ED IP Net	[30,MSM1]
G 192.012.050.rrr	AMES-DB-NET	Ames DBridge Net	[30,MSM1]
R 192.012.051.rrr	THINK-CHAOS	TMC Chaos	[30,BJN1]
R*192.012.052.rrr	NEURO-NET	NEURO-NET	[30,JXB]
R*192.012.053.rrr	PU-LCA	Princeton U. LCA	[30,CXH]
R 192.012.054.rrr	AERO-A3	Aerospace	[AWS3]
R 192.012.055.rrr	HAZ-LPR-BETA	Hazeltine LPR Net	[30,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	[30,CBD]
R 192.012.058.rrr	MCC-PP-NET	MCC AI Subnet	[30,CBD]
R 192.012.059.rrr	MCC-DB-NET	MCC DB Subnet	[30,CBD]
R 192.012.060.rrr	MCC-HI-NET	MCC HI Subnet	[30,CBD]
R 192.012.061.rrr	MCC-SW-NET	MCC SW Subnet	[30,CBD]
R 192.012.062.rrr	DREA-ENET	DREA Lispm & Vaxen	[30,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	[30,MJM2]
D 192.012.066.rrr	HELNET2	HELNET2	[30,MJM2]
D 192.012.067.rrr	HELNET3	HELNET3	[MJM2]
G 192.012.068.rrr	ORNL-MSRNET	ORNL Local Area Net	[4,HD]
R 192.012.069.rrr	UA-CS-NET	UNIV. OF ARIZ-CS DEPT	[30,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	[30,RXJ]
R*192.012.075.rrr	PASC-RING	IBM PASC TOKEN RING	[GXL]
R*192.012.076.rrr	UQ-NET	UNIV. OF QLD NETWORK	[30,AXH]
C*192.012.077.rrr	PRIME	PRIME COMPUTER, INC.	[FXS]
C*192.012.078.rrr	GENNET	GENENTECH NET	[30,SXM]
C*192.012.079.rrr	SLI	SOFTWARE LEVERAGE INC.	[MXG]
R 192.012.080.rrr	CAEN	UMICH-CAEN	[HWB]

R 192.012.081.rrr	YALE-RING-NET	YALE RESEARCH RING	[RC77]
C 192.012.082.rrr	CU-CC-NET	Columbia CC Net	[30,BC14]
G 192.012.083.rrr	UCDLA-EXNET	UCDLA EXPERIMENTAL NET	[CXL]
G 192.012.084.rrr	UCDLA-PCNET	UCDLA PERSONAL NET	[CXL]
G 192.012.085.rrr	UCDLA-OPNET	UCDLA OPTICAL DISK	[CXL]
G 192.012.086.rrr	UCDLA-RADNET	UCDLA PACKET RADIO	[CXL]
G 192.012.087.rrr	UCDLA-CSLNET	UCDLA STATE LIBRARY	[CXL]
R*192.012.088.rrr	RUTGERS-NWK	RUTGERS, NEWARK	[DXB]
R 192.012.089.rrr	SBCS-CSDEPT-1	SB Computer Science	[JXS]
R 192.012.090.rrr	SBCS-CSDEPT-2	SB Computer Science	[JXS]
R 192.012.091.rrr	RPICSNET0	RPICS-LOCALNET-0	[MS9]
R 192.012.092.rrr	RPICSNET1	RPICS-LOCALNET-1	[MS9]
R 192.012.093.rrr	RPICSNET2	RPICS-LOCALNET-2	[MS9]
R 192.012.094.rrr	RPICSNET3	RPICS-LOCALNET-3	[MS9]
R 192.012.095.rrr	RPICSNET4	RPICS-LOCALNET-4	[MS9]
R 192.012.096.rrr	RPICSNET5	RPICS-LOCALNET-5	[MS9]
R 192.012.097.rrr	RPICSNET6	RPICS-LOCALNET-6	[MS9]
R 192.012.098.rrr	RPICSNET7	RPICS-LOCALNET-7	[MS9]
R 192.012.099.rrr	RPICSNET8	RPICS-LOCALNET-8	[MS9]
R 192.012.100.rrr	RPICSNET9	RPICS-LOCALNET-9	[MS9]
R*192.012.101.rrr	OSU-CGRG	OSU Computer Graphics	[30,KXS]
G 192.012.102.rrr	AMES-NAS-HY	AMES NAS HY NET	[MF31]
R 192.012.103.rrr	CSU-USCETHER	Colorado State Univ Nets	[RXB1]
R 192.012.104.rrr	CSUNRELETHER	Colorado State Univ Nets	[RXB1]
R 192.012.105.rrr	CSU-ASYNC	Colorado State Univ Nets	[RXB1]
R 192.012.106.rrr	CSU-LANCE	Colorado State Univ Nets	[RXB1]
R 192.012.107.rrr	CSU-ATMOS	Colorado State Univ Nets	[RXB1]
R 192.012.108.rrr	CSU-UCC-ETHER	Colorado State Univ Nets	[RXB1]
R*192.012.109 rrr-192.012.118.rrr		Colorado State Univ Nets	[RXB1]
G 192.012.119.rrr	ICST	ICST Network	[30,JCN2]
D 192.012.120.rrr	MITRE-B-NET	MITRE BEDFORD ETHER	[BSW]
R*192.012.121.rrr	FSUCS	FSU COMPUTER SCIENCE 1	[TXB]
R*192.012.122.rrr	FSUCS2	FSU COMPUTER SCIENCE 2	[TXB]
G 192.012.123.rrr	AMES-CCF-NET	AMES CCF NETWORK	[30,MSM1]
D 192.012.124.rrr	ETL-LAN	ETL LOCAL AREA NET	[30,WWS]
D 192.012.125.rrr	CRDC-NET1	CRDC-NET1	[30,JXY]
D 192.012.126.rrr	CRDC-NET2	CRDC-NET2	[30,JXY]
R 192.012.127.rrr	LL-MI-NET	LL-Machine Intell.	[30,GAA]
R 192.012.128.rrr	AITAC-ADMIN	SRI-AITAC ADMIN NET	[30,DVC]
C*192.012.129.rrr	SYM-CAN	Symbolics/Canada	[MXH]
R 192.012.130.rrr	SDC-SM	SDC Santa Monica	[CAS]
R 192.012.131.rrr	SAC-ADMIN	SRI-SAC ADMIN NET	[30,KMC3]
R 192.012.132.rrr	LLL-MON	LLL Open Labnet-1	[30,BANDY]
R 192.012.133.rrr	LLL-TUE	LLL Open Labnet-2	[30,BANDY]
R 192.012.134.rrr	LLL-WED	LLL Open Labnet-3	[30,BANDY]
R 192.012.135.rrr	LLL-THU	LLL Open Labnet-4	[30,BANDY]
R 192.012.136.rrr	LLL-FRI	LLL Open Labnet-5	[30,BANDY]
R 192.012.137.rrr	LLL-SAT	LLL Open Labnet-6	[30,BANDY]

R 192.012.138.rrr	LLL-SUN	LLL Open Labnet-7	[30,BANDY]
D 192.012.139.rrr	JTELS-BEN-GW	JUMPS Teleprocessing	[RR26]
R*192.012.140.rrr	INFERENCE	INFERENCE	[DXT]
R 192.012.141.rrr	CSS-ETHER	CSS Workstation Net 2	[RA11]
C*192.012.142.rrr	SENTRY	Sentry Adv. Prod. Net	[LXL]
C*192.012.143.rrr	VHSIC-NET	Sentry VHSIC Test	[LXL]
R 192.012.144.rrr	ECRCNET	ECRC Internet	[30,PXD]
C*192.012.145 rrr-192.012.154.rrr		RCA-CADNET	[30,RXG]
C*192.012.155 rrr-192.012.170.rrr		MTCS-CUST	[SXF]
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	[30,BXD]
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	[MXS2]
D 192.012.196.rrr	JHUAPL-NET	JHU APL Net	[30,SAK3]
D 192.012.197.rrr	ACATT-ETHER1	ADEA/CECOM Adv Tech	[30,ERK3]
D 192.012.198.rrr	ACATT-ETHER2	ADEA/CECOM Adv Tech	[30,ERK3]
D 192.012.199.rrr	LEWIS-ETHER1	ADEA/SRI Ft. Lewis	[30,ERK3]
D 192.012.200.rrr	SRI-PSON-10	ADEA/SRI Ft. Lewis	[30,ERK3]
D 192.012.201.rrr	SRI-PSON-11	ADEA/SRI Ft. Lewis	[30,ERK3]
D 192.012.202.rrr	SRI-PSON-12	ADEA/SRI Ft. Lewis	[30,ERK3]
D 192.012.203.rrr	SRI-PSON-13	ADEA/SRI Ft. Lewis	[30,ERK3]
D 192.012.204.rrr	SRI-PSON-14	ADEA/SRI Ft. Lewis	[30,ERK3]
R 192.012.205.rrr	OHIO-STATE1	Ohio State Univ.	[RSD2]
R 192.012.206.rrr	INDIANA	Indiana-Bloomington	[BXS1]
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]
R*192.012.210.rrr	NORTHEASTERN	Northeastern Univ.	[CXJ]
R 192.012.211.rrr	JVNC	NSF/JVNC Net	[HXH]
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	[30,JRL8]
R 192.012.215.rrr	XDRENET	DRE X.25 COMPONENT	[JR17]
R 192.012.216.rrr	STEVENS-TECH	Stevens Inst of Tech	[30,RXM]
R 192.012.217.rrr T	EMORY-INET1	Emory Internet	[30,SA29]
R 192.012.218.rrr T	EMORY-INET2	Emory Internet	[30,SA29]

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R 192.012.219.rrr T EMORY-INET3   Emory Internet          [30,SA29]
R 192.012.220 rrr-192.012.234.rrr UWISC-IPNET            [30,EJN1]
R*192.012.235.rrr   IDA-NET       Comp Sc Linkoping S       [MXA2]
R 192.012.236.rrr   CITNET        CIT Campus Net          [30,CXB]
R*192.012.237.rrr   HCSC-APOLLO   Honeywell CSC Apollo    [2,TRG4]
R*192.012.238.rrr   CU-BOULDER    CU Boulder Campus       [30,DXW]
R*192.012.239.rrr   CU-ACS        CU ACS Net              [30,DXW]
R*192.012.240.rrr   CU-ENGINEER   CU Engineering Net      [30,DXW]
R*192.012.241.rrr   CU-SUNNET     CU Sun Net              [30,DXW]
R*192.012.242.rrr   CU-CER        CU CER Net              [30,DXW]
R*192.012.243.rrr   CU-OT         CU Office Tower         [30,DXW]
R*192.012.244.rrr   CU-ENTERPRISE CU ECE Sun Net          [30,DXW]
R*192.012.245.rrr   CU-LASP       CU LASP Net             [30,DXW]
R*192.012.246.rrr   CU-JILA       CU JILA Net             [30,DXW]
R*192.012.247.rrr   CU-PHYSICS    CU Physics Net          [30,DXW]
R*192.012.248.rrr   CU-PSYCHOLOGY CU Psychology Net       [30,DXW]
R*192.012.249.rrr   CU-MCDB       CU MCDB Net             [30,DXW]
R*192.012.250.rrr   CU-AI         CU AI Consortium        [30,DXW]
R*192.012.251.rrr   CU-CHEMISTRY  CU Chemistry Net        [30,DXW]
R 192.012.252.rrr   LL-VENET1     Linclon Labs Venet1     [30,BC65]
R 192.012.253.rrr   LL-VENET2     Linclon Labs Venet2     [30,BC65]
R 192.012.254.rrr   LL-APOLLO     Linclon Labs Apollo     [30,BC65]
R 192.012.255.rrr   LL-ENET       Linclon Labs Enet       [30,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                 [30,JC11]
R 192.016.050.rrr-192.016.071.rrr RPI-LOCALNETS            [30,MS9]
R 192.016.072.rrr   UTCHPC        U.T. System CHPC        [30,WCB3]
R 192.016.073.rrr   UTDALLAS      U.T. Dallas             [30,WCB3]
R 192.016.074.rrr   UTABRC        U.T. Austin BRC         [30,WCB3]
C*192.016.075.rrr-192.016.122.rrr CSC-BLOCK                [30,GXG]
R*192.016.123.rrr-192.016.154.rrr Swedish Network             [BXE]
R*192.016.155.rrr-192.016.166.rrr CERN-Block                  [BXS]
R 192.016.167.rrr   YALE-HP-NET   YALE-HP-NET               [RC77]
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                [JXA]
C*192.016.172.rrr   EIK-ENG       Eikonix Eng'rg Net         [SXW]
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           [SXA1]
R 192.016.176.rrr   LSUNET        LSU Campus Ethernet        [CXB]
R 192.016.177.rrr   UABSURA       Univ Ala at Bham           [LXM]
R*192.016.178.rrr   NTT-Y-ETHER   NTT-Y-ETHER                [RXN]
R*192.016.179.rrr   NTT-Y-APOLLO  NTT-Y-APOLLO               [RXN]
R 192.016.180.rrr   AMS           Amer. Math Society        [SXW1]
R 192.016.181.rrr   LL-DSN-NET    LL Dist Sensor Net         [GAA]
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R*192.016.182.rrr	GTICS-SUNS	GT ICS Faculty Suns	[GXS]
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	[KXJ]
192.016.205.rrr-192.016.255.rrr	Unassigned		[NIC]
R*192.017.000.rrr-192.017.255.rrr	NIBELUNG		[MXA]
C*192.018.000.rrr-192.018.255.rrr	SUN Microsystems, Inc.		[BN4]
C*192.019.000.rrr-192.019.255.rrr	SYSNET-2		[EXY]
C*192.020.000.rrr-192.020.255.rrr	ATT-MD-NET		[30,MH12]
C*192.021.000.rrr-192.021.255.rrr	FORMATIVE		[SXB1]
C*192.022.000.rrr-192.022.255.rrr	APPLICON		[AXS1]
C*192.023.000.rrr-192.023.255.rrr	FACTNET		[JXB]
C*192.024.000.rrr-192.024.255.rrr	CHROMATICS		[RXB2]
R*192.025.000.rrr-192.024.255.rrr	Hewlett Packard		[SXI]
D*192.026.000.rrr	ACSAD	ACSAD Network	[SXH]
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	[MXW]
R*192.026.009.rrr	ICOT	ICOT Local Network	[SXT]
R 192.026.010.rrr	GALLAUDET	GALLAUDET UNIVERSITY	[KXC]
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]
R*192.026.020.rrr	NJIT-NET	NJIT-SUPERCOMPUTER	[BXC]
R 192.026.021.rrr	SDC-PRC-SW	SDC/PAOLI SOFT TECH	[MXS2]
R 192.026.022.rrr	SDC-PRC-LBS	SDC/PAOLI ARTIF INT	[MXS2]
R 192.026.023.rrr	SDC-PRC-SA	SDC/PAOLI SYS ARCH	[MXS2]
R 192.026.024.rrr	SDC-PRC-CR	SDC/PAOLI COMP RES	[MXS2]
R 192.026.025.rrr	LUCID	Lucid Network	[BXM]
D 192.026.026.rrr	NRL-FIBER	NRL Fiber Optic Net	[WF3]
R 192.026.027.rrr	ROCKEFELLER	ROCKEFELLER UNIV	[30,MK38]
R*192.026.028.rrr-192.026.047.rrr	EPFL		[YXD]
R*192.026.048.rrr	DART-ETHER	Dartmouth Ethernet	[SXC]
R*192.026.049.rrr	DUNET	U of Denver Network	[BXS3]
C*192.026.050.rrr-192.026.082.rrr	Silicon Graphics Inc		[RXB]
R*192.026.083.rrr	CSM-NET	Colorado School of Mines	[RXW]
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 [RXR]
R*	192.026.091.rrr	KDD	KDD Research Net [TXA]
R*	192.026.092.rrr	WRIGHT	Wright State University [JXS]
R*	192.026.093.rrr	AECL-NET	NTT Atsugi Lab Net [TXK]
R*	192.026.094.rrr	NTT-AP-NET	NTT ECL Appolo Net [HXM]
R	192.026.095.rrr	LL-VLSI-NET	Lincoln Lab VLSI Net [AHA]
R*	192.026.096.rrr	FX-NTC-NET2	FX-Tokyo-10BM-Net2 [SXY]
C*	192.026.097.rrr	RCA-SNOOPY	Peanut Net [RXR1]
C*	192.026.098.rrr	TASC-CTC-NET	TASC Reading CTC Net [RXR2]
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 [JXH]
R*	192.026.136.rrr	UW-TEMP	Univ. of Washington [RA17]
R	192.026.137.rrr-192.026.146.rrr		SYR-MH-NET [JXW]
R	192.026.147.rrr	WLV-ETHER	ETN-WLV-ETHER [SMS1]
R	192.026.148.rrr	UMDNJ-NRAC	UMDNJ-NRAC NJMS [LXM]
R	192.026.149.rrr	LL43-LEX-SUNC	Grp43 Lexington Net C [VXK]
R	192.026.150.rrr	LL43-TB-SUNA	Grp43 Testbed Net A [VXK]
C*	192.026.151.rrr	LATICORP	LatiCorp Net [CXC]
	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 [LXS]
	192.028.100.rrr-192.028.255.rrr		Unassigned [NIC]
C*	192.029.000.rrr-192.029.255.rrr		SUN-NET [BN4]
	192.030.000.rrr-223.255.254.rrr		Unassigned [NIC]
	223.255.255.rrr		Reserved [JBP]

Other Reserved Internet Addresses

*	Internet Address	Name	Network	References
-	---	---	---	---
	224.000.000.000-239.255.255.255		Multicast	[10,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	109	804	926
Defense	9	20	50	79
Government	1	15	98	114
Commercial	3	5	10	18
Total	26	149	962	1137

Allocated for Internet and Independent Uses

Class	A	B	C	Total
Research	14	134	1796	1944
Defense	9	21	52	82
Government	1	17	99	117
Commercial	3	16	4372	4391
Total	27	188	6319	6534

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) [25,27] 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	[KCS1]
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	[JWO1]
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	SU-TEST	[KSL]
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]
101-65534	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 connecteed to the Internet (with appropriate prermissions and approvals) the networks need not be renumbered.