INTERNATIONAL CONNECTIVITY
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Please send corrections, information and/or comments to:

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Include details, e.g., on connections, sites, contacts, protocols, etc.

Thanks to the many people from around the world who have provided information. This version (postscript, ditroff, text forms, maps in postscript) and earlier versions may also be obtained by anonymous ftp from ftp.cs.wisc.edu in the connectivity_table directory.

In the following, "BITNET" is used generically to refer to BITNET plus similar networks around the world (e.g., EARN, NET-NORTH, GULFNET, etc.).

SUMMARY

NUMBER OF ENTITIES WITH INTERNATIONAL NETWORK CONNECTIVITY = 159
NUMBER OF ENTITIES WITHOUT INTERNATIONAL NETWORK CONNECTIVITY = 79

BITNET
Col. 2 (Entities with international BITNET links.)
b: minimal, one to five domestic BITNET sites, 17 entities
B: widespread, more than five domestic BITNET sites, 34 entities

IP INTERNET
Col. 3 (Entities with international IP Internet links.)
I: = operational, accessible from entire open IP Internet, 81 entities

UUCP
Col. 4 (Entities with domestic UUCP sites which are connected to the Global Multiprotocol Open Internet.)
u: minimal, one to five domestic UUCP sites, 60 entities
U: widespread, more than five domestic UUCP sites, 73 entities

FIDONET
Col. 5 (Entities with domestic FIDONET sites which are connected to the Global Multiprotocol Open Internet)
f: minimal, one to five domestic FIDONET sites, 28 entities
F: widespread, more than five domestic FIDONET sites, 67 entities

An entity is a geographical area that has an ISO two letter country code (ISO 3166). These country codes are included in the Table below for each entity (Cols 8-9). Note that the ISO codes do not always agree with the top level DNS (Domain Name) code(s) used for a particular entity.

UUCP node testing is underway in Guyana, and St. Vincent and the Grenadines. Haiti's u entry is based on a ccmail email link. Restricted access or dial-up IP links exist to Lebanon, Senegal, Mali, Burkina Faso, Guinea, and Niger. These are not included in the table. There is an IP link to Iran but it is not currently accessible via the NSFNET backbone.

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----  AF    Afghanistan (Islamic Republic of)
----  AL    Albania (Republic of)
-I--  DZ    Algeria (People's Democratic Republic of)
----  AS    American Samoa
-----AD     Andorra (Principality of)
---f  AO    Angola (People's Republic of)
----  AI    Anguilla
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-I--	AQ	Antarctica
--u-	AG	Antigua and Barbuda
BIUF	AR	Argentina (Argentine Republic)
--U-	AM	Armenia
---f	AW	Aruba
-IUF	AU	Australia
BIUF	AT	Austria (Republic of)
b-U-	AZ	Azerbaijan
--u-	BS	Bahamas (Commonwealth of the)
b---	BH	Bahrain (State of)
--U-	BD	Bangladesh (People’s Republic of)
--u-	BB	Barbados
b-UF	BY	Belarus
BIUF	BE	Belgium (Kingdom of)
--U-	BZ	Belize
----	BJ	Benin (People’s Republic of)
-IUF	BM	Bermuda
----	BT	Bhutan (Kingdom of)
--Uf	BO	Bolivia (Republic of)
--u-	BA	Bosnia-Herzegovina
--uf	BW	Botswana (Republic of)
----	BV	Bouvet Island
BIUF	BR	Brazil (Federative Republic of)
----	IO	British Indian Ocean Territory
----	BN	Brunei Darussalam
bIUF	BG	Bulgaria (Republic of)
--U-	BF	Burkina Faso (formerly Upper Volta)
----	BI	Burundi (Republic of)
----	KH	Cambodia
--u-	CM	Cameroon (Republic of)
BIUF	CA	Canada
----	CV	Cape Verde (Republic of)
----	KY	Cayman Islands
----	CF	Central African Republic
----	TD	Chad (Republic of)
BIUF	CL	Chile (Republic of)
-IuF	CN	China (People’s Republic of)
----	CX	Christmas Island (Indian Ocean)
----	CC	Cocos (Keeling) Islands
BIu-	CO	Colombia (Republic of)
----	KM	Comoros (Islamic Federal Republic of the)
--u-	CG	Congo (Republic of the)
--u-	CK	Cook Islands
-Iuf	CR	Costa Rica (Republic of)
--uf	CI	Cote d’Ivoire (Republic of)
bIuF	HR	Croatia
--U-	CU	Cuba (Republic of)
bI-f	CY	Cyprus (Republic of)
BIUF	CZ	Czech Republic
BIUF	DK	Denmark (Kingdom of)
----	DJ	Djibouti (Republic of)
----	DM	Dominica (Commonwealth of)
--Uf	DO	Dominican Republic
----	TP	East Timor
-Iu-	EC	Ecuador (Republic of)
bIU-	EG	Egypt (Arab Republic of)
----	SV	El Salvador (Republic of)
----	GQ	Equatorial Guinea (Republic of)
----	ER	Eritrea
-IUF	EE	Estonia (Republic of)
---f	ET	Ethiopia (People’s Democratic Republic of)
----	FK	Falkland Islands (Malvinas)
--u-	FO	Faroe Islands

-Iu-	FJ	Fiji (Republic of)
BIUF	FI	Finland (Republic of)
BIUF	FR	France (French Republic)
--u-	GF	French Guiana
--u-	PF	French Polynesia
----	TF	French Southern Territories
----	GA	Gabon (Gabonese Republic)
----	GM	Gambia (Republic of the)
--UF	GE	Georgia (Republic of)
BIUF	DE	Germany (Federal Republic of)
--uF	GH	Ghana (Republic of)
----	GI	Gibraltar
BIUF	GR	Greece (Hellenic Republic)
-I-f	GL	Greenland
--u-	GD	Grenada
b-uf	GP	Guadeloupe (French Department of)
-I-F	GU	Guam
--u-	GT	Guatemala (Republic of)
--u-	GN	Guinea (Republic of)
----	GW	Guinea-Bissau (Republic of)
----	GY	Guyana (Republic of)
--u-	HT	Haiti (Republic of)
----	HM	Heard and McDonald Islands
----	HN	Honduras (Republic of)
BI-F	HK	Hong Kong
BIUF	HU	Hungary (Republic of)
-IUF	IS	Iceland (Republic of)
bIUF	IN	India (Republic of)
-IuF	ID	Indonesia (Republic of)
bI--	IR	Iran (Islamic Republic of)
----	IQ	Iraq (Republic of)
BIUF	IE	Ireland
BIUF	IL	Israel (State of)
BIUF	IT	Italy (Italian Republic)
-Iu-	JM	Jamaica
BIUF	JP	Japan
---f	JO	Jordan (Hashemite Kingdom of)
-IUF	KZ	Kazakhstan
---f	KE	Kenya (Republic of)
--u-	KI	Kiribati (Republic of)
----	KP	Korea (Democratic People’s Republic of)
BIUF	KR	Korea (Republic of)
-I--	KW	Kuwait (State of)
--U-	KG	Kyrgyz Republic
----	LA	Lao People’s Democratic Republic
-IUF	LV	Latvia (Republic of)
--U-	LB	Lebanon (Lebanese Republic)
--u-	LS	Lesotho (Kingdom of)
----	LR	Liberia (Republic of)
----	LY	Libyan Arab Jamahiriya
-I-f	LI	Liechtenstein (Principality of)
-IUF	LT	Lithuania
bIUF	LU	Luxembourg (Grand Duchy of)
-I-F	MO	Macau (Ao-me’n)
--u-	MK	Macedonia (Former Yugoslav Republic of)
--u-	MG	Madagascar (Democratic Republic of)
---F	MW	Malawi (Republic of)
bIUF	MY	Malaysia
----	MV	Maldives (Republic of)
--U-	ML	Mali (Republic of)
--u-	MT	Malta (Republic of)
----	MH	Marshall Islands (Republic of the)
----	MQ	Martinique (French Department of)

----	MR	Mauritania (Islamic Republic of)
---f	MU	Mauritius
----	YT	Mayotte
BIuF	MX	Mexico (United Mexican States)
----	FM	Micronesia (Federated States of)
-IuF	MD	Moldova (Republic of)
----	MC	Monaco (Principality of)
----	MN	Mongolia
----	MS	Montserrat
--U-	MA	Morocco (Kingdom of)
--Uf	MZ	Mozambique (People’s Republic of)
----	MM	Myanmar (Union of)
--Uf	NA	Namibia (Republic of)
----	NR	Nauru (Republic of)
--u-	NP	Nepal (Kingdom of)
BIUF	NL	Netherlands (Kingdom of the)
--u-	AN	Netherlands Antilles
----	NT	Neutral Zone (between Saudi Arabia and Iraq)
--U-	NC	New Caledonia
-IUF	NZ	New Zealand
-Iu-	NI	Nicaragua (Republic of)
--u-	NE	Niger (Republic of the)
---f	NG	Nigeria (Federal Republic of)
--u-	NU	Niue
----	NF	Norfolk Island
----	MP	Northern Mariana Islands (Commonwealth of the)
BIUF	NO	Norway (Kingdom of)
----	OM	Oman (Sultanate of)
--U-	PK	Pakistan (Islamic Republic of)
----	PW	Palau (Republic of)
-IuF	PA	Panama (Republic of)
--u-	PG	Papua New Guinea
--u-	PY	Paraguay (Republic of)
-IUf	PE	Peru (Republic of)
-IuF	PH	Philippines (Republic of the)
----	PN	Pitcairn
BIUF	PL	Poland (Republic of)
bIUF	PT	Portugal (Portuguese Republic)
bIUF	PR	Puerto Rico
----	QA	Qatar (State of)
-Iu-	RE	Re’union (French Department of)
BIuf	RO	Romania
BIUF	RU	Russian Federation
----	RW	Rwanda (Rwandese Republic)
----	SH	Saint Helena
----	KN	Saint Kitts and Nevis
--u-	LC	Saint Lucia
----	PM	Saint Pierre and Miquelon (French Department of)
----	VC	Saint Vincent and the Grenadines
--u-	WS	Samoa (Independent State of)
----	SM	San Marino (Republic of)
----	ST	Sao Tome and Principe (Democratic Republic of)
B---	SA	Saudi Arabia (Kingdom of)
--Uf	SN	Senegal (Republic of)
--u-	SC	Seychelles (Republic of)
----	SL	Sierra Leone (Republic of)
BIuF	SG	Singapore (Republic of)
bIUF	SK	Slovakia
-IUF	SI	Slovenia
--u-	SB	Solomon Islands
----	SO	Somalia (Somali Democratic Republic)
-IUF	ZA	South Africa (Republic of)
BIUF	ES	Spain (Kingdom of)

--U-	LK	Sri Lanka (Democratic Socialist Republic of)
----	SD	Sudan (Democratic Republic of the)
--u-	SR	Suriname (Republic of)
-I--	SJ	Svalbard and Jan Mayen Islands
--u-	SZ	Swaziland (Kingdom of)
BIUF	SE	Sweden (Kingdom of)
BIUF	CH	Switzerland (Swiss Confederation)
----	SY	Syria (Syrian Arab Republic)
BIuF	TW	Taiwan, Province of China
--uf	TJ	Tajikistan
---f	TZ	Tanzania (United Republic of)
-IUF	TH	Thailand (Kingdom of)
--u-	TG	Togo (Togolese Republic)
----	TK	Tokelau
--u-	TO	Tonga (Kingdom of)
--u-	TT	Trinidad and Tobago (Republic of)
bIUf	TN	Tunisia
BI-F	TR	Turkey (Republic of)
--u-	TM	Turkmenistan
----	TC	Turks and Caicos Islands
----	TV	Tuvalu
---F	UG	Uganda (Republic of)
-IUF	UA	Ukraine
----	AE	United Arab Emirates
bIUF	GB	United Kingdom (United Kingdom of Great Britain and Northern Ireland)
BIUF	US	United States (United States of America)
----	UM	United States Minor Outlying Islands
-IUF	UY	Uruguay (Eastern Republic of)
--UF	UZ	Uzbekistan
--u-	VU	Vanuatu (Republic of, formerly New Hebrides)
----	VA	Vatican City State (Holy See)
-IUF	VE	Venezuela (Republic of)
--U-	VN	Vietnam (Socialist Republic of)
----	VG	Virgin Islands (British)
---f	VI	Virgin Islands (U.S.)
----	WF	Wallis and Futuna Islands
----	EH	Western Sahara
----	YE	Yemen (Republic of)
--uf	YU	Yugoslavia (Socialist Federal Republic of)
----	ZR	Zaire (Republic of)
-I-f	ZM	Zambia (Republic of)
--uf	ZW	Zimbabwe (Republic of)

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