NORDUnet Traffic Report

March 1993

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NORDUnet Link Upgrade History

	DK	NO	FI	IS	NL	US	UK	PL	EE	DE
88	64K	64K	64K	.	.	56K	.	.	.	.
890104	.	.	.	.	64K	.	.	.	.	.
890127	.	.	.	X.25	.	.	.	.	.	.
900724	.	.	.	9.6K	.	.	.	.	.	.
900814	.	.	.	.	.	64K	.	.	.	.
910108	.	.	128K	.	.	.	.	.	.	.
910312	.	128K	.	.	.	.	.	.	.	.
910315	.	.	.	.	.	128K	.	.	.	.
910405	.	.	.	.	192K	.	.	.	.	.
910601	.	.	.	.	.	.	.	9.6K	.	.
910727	.	.	192K	.	.	.	.	.	.	.
910912	.	.	.	.	.	256K	.	.	.	.
911004	128K	.	.	.	.	.	.	.	.	.
920102	.	.	256K	.	.	.	.	.	.	.
920108	256K	.	.	.	.	.	.	.	.	.
920123	.	256K	.	.	.	.	.	.	.	.
920331	.	.	.	.	256K	.	.	.	.	.
920406	.	.	.	.	.	768K	.	.	.	.
920410	.	.	.	.	.	.	.	.	64K	.
920420	.	.	.	.	.	.	.	64K	.	.
920504	.	.	512K	.	.	.	.	.	.	.
920507	.	.	.	56K	.	.	.	.	.	.
920510	.	.	.	.	.	.	256K	.	.	.
920617	.	.	.	.	512K	.	.	.	.	.
930107	.	512K	.	.	.	.	.	.	.	.
930125	.	.	.	.	.	1.5M	.	.	.	.
930128	512K	.	.	.	.	.	.	.	.	.
930226	.	.	.	.	.	.	.	.	.	256K
930308	.	.	1M	.	.	.	.	.	.	.
	DK	NO	FI	IS	NL	US	UK	PL	EE	DE

Availability statistics 930301 - 930331

Line/Site	Number of downs >1hour	1h-10min	0-10min	Total downtime	Avail
nic.nordu.net	0	0	1	00:00:59	100.00%
stockholm-ebs1.ebone.net	0	0	4	00:04:01	99.99%
tftp.ebone.net	0	0	5	00:08:03	99.98%
fi-gw.nordu.net	0	2	5	00:35:01	99.92%
london-ebs2.ebone.net	0	0	18	00:33:58	99.92%
sejnet.sunet.se	0	0	7	00:33:59	99.92%
sthlm-gw.sunet.se	0	1	13	00:38:03	99.91%
amsterdam-ebs2.ebone.net	0	1	20	00:51:01	99.89%
searn.sunet.se	0	2	2	00:57:00	99.87%
is-gw.nordu.net	0	1	51	01:33:59	99.79%
stockholm-washington.ebone.net	1	1	19	02:33:00	99.66%
no-gw.nordu.net	0	3	121	03:34:54	99.52%
cern-ebs1.ebone.net	0	7	55	03:44:59	99.50%
dk-gw.nordu.net	1	3	9	04:06:00	99.45%
tartu-gw.nordu.net	31	2	132	52:03:13	93.00%
tallinn-gw.nordu.net	32	6	215	75:30:08	89.85%

Event Log

930301 10:16	Cable fault in Denmark causes disturbances on STI lines to nothern Europe, US and UK.
930303 19:00	Link Bonn-Washington installed and up.
930304 06:23	Equipment problem in Vejle, Denmark, causes problems with STI links to nothern Europe.
930308 08:00	The NORDUnet line to Finland upgraded from 512 Kb to 1Mb
930308 18:00	Installation of RS449 applique on the Amsterdam-EBS1 in order to remove IDNX on connection Amsterdam-Geneva.
930310 18:00	Installation of new appliques in CERN-EBS1 IDNX Amsterdam-Cern removed giving full 512 kpbs for IP.
930312 11:55	Old 768 kpbs link Stockholm-Washington removed
930315 10:01	NORDUnet link to Denmark down. Back up again after a reset of the PTT MUX in Copenhagen. Also possible problem with one of the serial interfaces in the DK cisco.
930323 10:45	Power loss at UNIC-C, link to Denmark down.
930324	Strange routing within Ebone due to software problems in the Sprint ICM-DC-1 router in Washington
930325 16:00	Link Bonn-Geneva beeing tested by PTT's
930329 18:00	Amsterdam-EBS2 upgraded from an IGS to an AGS+

	Megabytes during 9303	
	Input	Output
NORDUnet-Denmark	16174.4	39830.8
NORDUnet-Finland	146595.3	69418.6
NORDUnet-Iceland	1710.3	5108.5
NORDUnet-Norway	29311.5	87763.4
NORDUnet-Sweden	129142.9	136332.7
NORDUnet-Poland	525.4	6039.4
NORDUnet-Tallinn	587.4	2735.5
NORDUnet-Tartu	928.1	3388.9
Ebone-Stockholm-Amsterdam	62703.4	69236.3
Ebone-Stockholm-Bonn	1179.8	1503.2
Ebone-Stockholm-London	26340.4	43332.2
Ebone-Stockholm-US	185321.3	165151.0
Ebone-London-Paris	34329.7	37935.0

	Utilization during 9303			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark	10.01	36.88	24.81	78.89
NORDUnet-Finland	54.40	81.40	24.94	51.28
NORDUnet-Iceland	9.67	29.58	28.92	76.37
NORDUnet-Norway	17.73	39.86	53.05	85.67
NORDUnet-Sweden	20.19	37.06	21.08	38.15
NORDUnet-Poland	5.81	28.55	65.24	84.89
NORDUnet-Tallinn	3.15	8.79	14.56	45.00
NORDUnet-Tartu	4.83	15.68	17.50	51.08
Ebone-Stockholm-Amsterdam	38.61	72.68	42.31	82.04
Ebone-Stockholm-Bonn	1.47	14.84	1.96	17.21
Ebone-Stockholm-London	32.22	75.86	53.14	91.58
Ebone-Stockholm-US	38.95	69.80	34.67	57.27
Ebone-London-Paris	42.09	87.94	46.49	86.09

	Kbps during 9303				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark	53	220	132	487	512
NORDUnet-Finland	489	1022	230	591	1024
NORDUnet-Iceland	5	17	16	43	56
NORDUnet-Norway	96	262	290	696	512
NORDUnet-Sweden	413	759	432	781	2048
NORDUnet-Poland	2	9	19	27	32
NORDUnet-Tallinn	2	6	9	29	64
NORDUnet-Tartu	3	10	11	33	64
Ebone-Stockholm-Amsterdam	199	413	219	485	512
Ebone-Stockholm-Bonn	4	39	5	42	256
Ebone-Stockholm-London	82	194	136	234	256
Ebone-Stockholm-US	598	1072	533	880	1536
Ebone-London-Paris	108	242	119	244	256