NORDUnet Traffic Report

July 1996

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SNMP Availability statistics 960701 - 960731

Line/Site	Number of downs			Total downtime	Avail
	>1hour	1h-10min	0-10min		
Stockholm-EMPB2	0	1	12	00:17:42	99.96%
Stockholm-Norway-8M	0	1	7	00:44:47	99.90%
Stockholm-Denmark-8M	2	0	2	04:46:37	99.36%
Stockholm-Iceland	6	7	13	20:52:25	97.19%
Stockholm-Washington-34M	0	1	124	03:42:48	99.50%
Stockholm-Finland-34M	0	1	33	01:26:01	99.81%
london1.triangle.net	0	1	1	00:45:01	99.90%

Event Log

960703	empb2-gw cisco hung, power recycle restored connection.
960703 19:12	Line Vienna-Stockholm (ICM-DC) down due to an outage of Datakom/AT equipment.
960709 09:05	Link to Iceland down 14 hours. Faulty equipment at the ODIN cable (between Sweden-Denmark) endpoint unmanned station, thus taking an extraordinary time for Telia to get someone there, pinpoint problem and get new equipment delivered.
960711 12:18	Stockholm-US 34M link down. Cable problem between Germany and England.
969711 12:19	Line Paris-Stockholm NP108 down.
960716	Power failure at ICM/Sprint causing route flapping in the ICM network.
960718 11:07	Stockholm-US 34M link down as well as Paris-Stockholm 1984K. Cable problem in Germany.
960720 09:59	NORDUnet connection to Iceland down. CANTAT-3 broke close to the Faroe islands and also "unkown fault somewhere in Danmark" according to the PTT, which took anohter 3 hours to fix.
960722 14:50	The line Paris-Stockholm 1984K down, 1920K OK
960726 08:23	The FDDI concentrator at KTHNOC has a fauly card making some Stockholm D-GIX connected networks unreachable. Card replaced, awating the real GigaSwitch to be installed.
969727	BT doing working on the Stockholm PoP, as scheduled, for the IBDNS to INCS transition. Existing cisco 4500 replaced by a 7000 core router on an FDDI ring.

	Megabytes during 9607	
	Input	Output
NORDUnet-Denmark-8M	294077.8	455785.2
NORDUnet-Finland-34M	1482761.5	1322399.9
NORDUnet-Norway-8M	846193.4	808126.1
NORDUnet-Iceland	105925.4	293606.6
NORDUnet-Poland	79977.5	210440.7
NORDUnet-Sweden-upper	1059882.8	1404155.4
NORDUnet-Sweden-lower	815238.4	658656.9
NORDUnet-Lviv	4976.2	17777.1
NORDUnet-EMPB2	180526.4	384364.5
NORDUnet-DGIX	275022.5	591154.6
Stockholm-Amsterdam	302154.2	224095.6
Stockholm-Amsterdam-2	322647.9	245510.7
Stockholm-Munchen	299372.6	412722.0
Stockholm-Paris	302221.5	387784.9
Stockholm-Paris-2	296234.3	389374.9
Stockholm-Pennsauken-34M	4520080.5	3491602.4
Triangle-Stockholm-Amsterdam	138962.1	183570.3
Triangle-Stockholm-London	143441.8	153257.8
Stockholm-NORDUnet-FDDI	2914890.8	3046463.1

	Utilization during 9607			
	Input %		Output %	
	aver	peak	aver	peak
NORDUnet-Denmark-8M	11.63	23.09	17.84	47.16
NORDUnet-Finland-34M	14.32	21.14	12.44	25.47
NORDUnet-Norway-8M	33.57	48.33	31.64	62.74
NORDUnet-Iceland	17.70	28.54	48.80	79.87
NORDUnet-Sweden-upper	10.09	17.98	13.54	19.87
NORDUnet-Sweden-lower	7.79	12.90	6.25	10.94
NORDUnet-Poland	12.95	36.23	35.42	69.06
NORDUnet-Lviv	24.36	52.51	86.70	98.78
NORDUnet-EMPB2	28.20	57.91	61.10	88.77
NORDUnet-DGIX	9.08	18.20	19.49	33.74
Stockholm-Amsterdam	50.23	81.54	37.71	71.06
Stockholm-Amsterdam-2	52.13	83.69	39.47	72.66
Stockholm-Munchen	3.04	7.52	4.15	6.63
Stockholm-Paris	48.58	78.42	62.38	88.31
Stockholm-Paris-2	47.70	78.75	62.92	90.12
Stockholm-Pennsauken-34M	44.87	85.72	40.02	51.97
Triangle-Stockholm-Amsterdam	21.68	55.43	28.50	75.60
Triangle-Stockholm-London	22.64	78.49	24.27	74.16
Stockholm-NORDUnet-FDDI	30.40	40.90	30.15	55.79

	Kbps during 9607				
	Input		Output		Max
	aver	peak	aver	peak	speed
NORDUnet-Denmark-8M	1252	1878	1926	4963	8192
NORDUnet-Finland-34M	5509	7124	5209	9567	34000
NORDUnet-Norway-8M	2938	4524	3090	5759	8192
NORDUnet-Iceland	370	649	965	1598	1984
NORDUnet-Sweden-upper	4254	7543	5927	7953	34000
NORDUnet-Sweden-lower	3266	4764	2366	3927	34000
NORDUnet-Poland	286	491	771	1455	1920
NORDUnet-Lviv	18	33	57	64	64
NORDUnet-EMPB2	681	2003	1531	1953	2048
NORDUnet-DGIX	1042	1942	2072	3153	10000
Stockholm-Amsterdam	1164	1870	880	1893	2048
Stockholm-Amsterdam-2	1204	1873	765	1430	2048
Stockholm-Munchen	994	1368	1544	2179	34000
Stockholm-Paris	1039	1611	1468	1874	2048
Stockholm-Paris-2	1058	1663	1497	1932	2048
Stockholm-Pennsauken-34M	20571	31954	15785	19103	34000
Triangle-Stockholm-Amsterdam	418	1031	632	1362	2048
Triangle-Stockholm-London	510	1645	671	1448	2048
Stockholm-NORDUnet-FDDI	12519	15743	13243	23244	34000