



Schedule RCS-8

Nortel Networks Inc.
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Jason Hendricks
Senior Consultant
GVNW Consulting, Inc.
2270 LaMontana Way
Colorado Springs, CO 80918

Subject: DMS-10 Traffic Considerations

Dear Jason:

I write in response to your recent request regarding a description of traffic blocking areas and Nortel Networks Inc. ("Nortel") DMS-10 Switching System. Nortel's response is as follows:

Any incoming traffic presented to Nortel's DMS-10 Switching System either via incoming trunk circuit or line circuit will have an impact on the total traffic handling capacity of the DMS-10 Switching System network. A single call coming from an incoming trunk will tie-up a DSO from the incoming DS-1 facility. The DS-1 facility must be terminated on a switched network port. The call must be processed to pass through the network matrix to a network port associated to a terminating peripheral. The terminating peripheral requires physical line or trunk circuits. Additional switch resources are required for tone processing, ringing generation and announcement requirements.

Traffic of all types determine the size and scope of a switching system. The network matrix and the switching system CPU have an upper limits to network matrix and call handling capacity. All physical facilities, i.e. DS-1 interfaces, network ports, tone circuits, ringing generators, announcements systems require detail engineering in accordance with expected traffic levels to provide acceptable grades of service. Engineering of systems without accounting for expected traffic will result in unacceptable levels of performance complaints.

It is further understood this information is being provided for GVNW Consulting, Inc.'s use for the sole purpose of representing certain Nortel customer's before the Missouri Public Utility Commission. Should you have any questions, or if I can be of any further assistance, please don't hesitate to contact me.

Sincerely,
Nortel Networks Inc.



David Jarzemsky

cc: James Trier (Nortel-Sales)