

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

* * * * *

In the Matter of:

AN INVESTIGATION OF TOLL AND)
ACCESS CHARGE PRICING AND TOLL)
SETTLEMENT AGREEMENTS FOR) CASE NO. 8838
TELEPHONE UTILITIES PURSUANT) PHASE III
TO CHANGES TO BE EFFECTIVE)
JANUARY 1, 1984)

O R D E R

IT IS ORDERED that MCI Communications Corporation ("MCI") and GTE Sprint Communications Corporation ("GTE Sprint") shall file an original and eight copies of the following information with the Commission, with a copy to all parties of record within 10 days of the date of the filing. Each copy of the data requested should be placed in a bound volume with each item tabbed. Where a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Careful attention should be given to copied material to insure that it is legible. MCI and GTE Sprint shall furnish with each response the name of the witness who will be available at the public hearing for responding to questions concerning each area of information requested.

In this phase of the proceeding the Commission is only considering possible refinements to the ULAS tariff, including BHMOC, problems of double counting and backhauling. The ULAS concept itself is not under reconsideration in this proceeding

and, therefore, no information requests are directed to witnesses which offered such testimony.

1. Since there are several standard engineering tables that may be used to determine call capacity, such as the Erlang B Table, the Neal-Wilkison Table and the Poisson Table, explain why the Erlang B Table most accurately models your network.

a) Compare the results of using different tables in the conversion from channel counts to Busy Hour-Minutes of Capacity ("BHMOC"). A graphical analysis, with BHMOC versus channel counts, is preferred, however if this is not feasible, provide several examples using a representative range of channel counts. Provide the assumed blocking probability and all assumptions, calculations, tables or any other information in sufficient detail for possible duplication by Commission staff.

b) How sensitive is the above analysis to varying blocking probabilities?

2. Specifically, how will the administration of a BHMOC based charge differ from the present method?

a) Does the BHMOC method lend itself better to your present channel reporting process? If not, what additional effort would be required?

b) Should the Commission specify the appropriate table or grade of service to be used in converting channel counts to BHMOC? Explain.

3. Would a mixed network of Feature Group "A" and Feature Group "B" circuits create any conceptual or theoretical problems in converting to BHMOC method?

Done at Frankfort, Kentucky, this 6th day of December, 1985.

PUBLIC SERVICE COMMISSION

Richard D. Hemmick
For the Commission

ATTEST:

Secretary