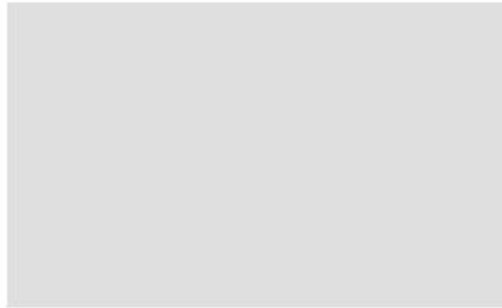


## Traffic Study Guide



**One Sprint. Many Solutions.™**

Voice/Data

PCS Wireless

Internet Services

E-Business Solutions

Managed Services

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# Product Overview

The Traffic Measurement Report Service is a non-regulated product offering that is available to Competitive Local Exchange Carriers (CLECs) that are reselling Sprint's retail services to the end user (Available for Resale services **only**, does not include services provided using Unbundled Network Elements).

# Product Benefits

Traffic Measurement Report Service (TMRS) provides a printed summary of the traffic data on network facilities that the CLEC has purchased from Sprint for resale. TMRS will be provided by Sprint's Central Data Collection Center (CDC) and is limited to those resale facilities that can be measured. TMRS is a non-regulated service offering.

TMRS will be provided on the CLEC customer's local exchange access line or trunk group (including lines, trunks, ISDN-PRI, ISDN-BRI, Centrex, MADN<sup>1</sup>) from the serving central office. Reports are available on a one-week basis consisting of seven (7) consecutive days beginning Sunday and ending the following Saturday, or a monthly report that contains a minimum four (4) weeks (consecutive) of data. The reports disclose minutes; attempts, overflow and lines required information. The traffic measurement report (TMR) is intended to assist customers in designing and administering their communications or business activities associated with telephone service.

# Ordering Process

The CLEC-Traffic Study Request form is available for download from the Sprint Local Wholesale web site <<http://www.sprint.com/localwholesale>>. Click on CLEC, Forms and then CLEC-Traffic Study Request.

The CLEC will need to email the completed CLEC-Traffic Study Request to CDC <[line.studies@mail.sprint.com](mailto:line.studies@mail.sprint.com)> and copy their Sprint Sales Manager.

Once CDC completes the Traffic Study, they will send copies of the completed study via email to the CLEC, Sprint Sales Manager and the NEAC for billing.

If the CLEC has any questions, they should contact their Sprint Sales Manager.

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<sup>1</sup> MADN is Multiple Appearance Directory Number where a Directory Number (DN) is assigned to more than one business set.

## Requirements

1. Offering of TMRS is limited to the measurements currently available from the local central office as collected by the Central Data Collection (CDC) Centers.
2. The TMR scheduling is subject to the availability of equipment, central office facilities, and the CDC Center workload.
3. TMRS, when requested by the CLEC, will be scheduled to start upon a mutually agreeable date within the following guidelines:
  - ◆ CDC can start the traffic study any day of the week.
  - ◆ A study month consists of a minimum of (4) four weeks (consecutive) of data. Study duration does not impact price.
4. Requests for TMR **require a minimum seven (7) calendar day interval** prior to initiation of the study unless an **Expedite** is requested for which an Expedite charge will be assessed. Expedite “Yes” box shall be checked on the Traffic Study Request form.

Expedite service applies in addition to the other nonrecurring charges.

Expedite service is when customer wishes to request a study sooner than the seven (7) calendar day request interval (i.e., between four (4) and six (6) days' notice\*) and the customer agrees to pay an additional fee. The CDC must agree that the expedite request is possible to complete.

**Note: No expedited requests will be initiated with less than four (4) calendar days notice.**

5. The CDC will notify the Sprint Sales Manager if it determines the study request information provided was incorrect or incomplete and the study cannot be completed as requested.
6. When a customer has service provided from more than one serving central office, a separate study is required for each serving office and charges will apply for each individual report.
7. Sprint will **not** provide data analysis.

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## Invoicing Elements

	Nonrecurring <u>Charge</u> <sup>2</sup>
1. TMRS Establishment Charge	
Category I = 1-100 lines, 1-200 trunks, 1-50 Centrex/MADN/SDN	\$100.00
Category II = 101-300 lines, 201+ trunks, 51-100 Centrex/MADN/SDN	\$200.00
Category III = 301+ lines, 101+ Centrex/MADN/SDN	\$400.00
2. Expedite Service, Per CLEC Request (4 to 6 days notice)	\$200.00

### Rate Application

- ◆ TMRS Establishment Charge always applies.
- ◆ Expedite Service conditionally applies if the interval between the customer's request date and desired study start date is between four (4) and six (6) days and the CDC can accommodate the expedite request.

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<sup>2</sup> Same rates apply whether study length is one week or one month in length.

## Example Study Format

TMR provides reports on an hourly basis of usage (minutes or CCS), peg count (attempts), overflow (to busy signal) and lines (provided/required).

- ◆ Usage - provides measurement of usage, expressed in CCS (hundred call seconds) or minutes, that a facility was used.
- ◆ Peg Count - provides a count of all calls to an access line or trunk group (incoming/outgoing attempts).
- ◆ Overflow - provides a count of the number of times incoming calls attempted to reach an access line group but found all lines were busy.
- ◆ Lines - provides a count of lines provided and lines required based on traffic volume.

*Hourly Line Study Report*  
*For: Company Name*  
*Number: xxx-xxxx*

<u>Date</u>	<u>Hour</u>	<u>Incoming Attempts</u>	<u>Outgoing Attempts</u>	<u>Calls</u>		<u>Minutes In Use</u>	<u>Lines Provided</u>	<u>Lines Required</u>
				<u>Reaching Busy Sig</u>				
05/12/98	0	0	0	0		0	7	1
.	.	.	.	.	.	.	.	.
05/12/98	12	53	40	1		173	7	8
.	.	.	.	.	.	.	.	.
05/12/98	23	1	0	0		5	7	1
.	.	.	.	.	.	.	.	.
05/13/98	0	0	0	0		0	7	1
.	.	.	.	.	.	.	.	.

etc.

*Hourly Line Summary Report*  
*For: Company Name*  
*Number: xxx-xxxx*

<u>Hour</u>	<u>Total Calls Reaching Busy Sig</u>	<u>Total Incoming Attempts</u>	<u>Total Outgoing Attempts</u>	<u>Total Minutes In Use</u>	<u>Total Minutes In Use Per Day</u>	<u>Average Lines Provided</u>
0	0	1	0	2	0	7
.	.	.	.	.	.	.
12	1	158	151	532	106	7
.	.	.	.	.	.	.
23	0	0	0	0	0	7

*Continued on next page*

## Traffic Measurement Report Definitions

Traffic Study Column Heading<sup>3</sup>

<b>Date</b>	- the date the traffic study information was collected
<b>Hour</b>	- the hour of the day the traffic study information was collected
<b>Incoming Attempts or Terminating Calls</b>	- the number of incoming or terminating calls
<b>Outgoing Attempts or Originating Calls</b>	- the number of outgoing or originating calls
<b>Calls Reaching Busy or Terminating Busy</b>	- the number of times customers received a busy signal attempting to call the studied number(s)
<b>Minutes in Use or Busy Hour Usage</b>	- the total talk time for the hour
<b>Lines Provided</b>	- the number of lines the customer has in service at the time of the study
<b>Required Circuits or Line Required</b>	- the numbers under these columns are the number of circuits required guaranteeing that grade of service (i.e., P.01 = 1 call failure per 100 call attempts, P.03 = 3 call failures per 100 call attempts)
<b>Average Hold Time or Avg. Minutes in Use per Day</b>	- the average talk time for both originating and terminating calls
<b>Hunt Overflow</b>	- the number of times attempts were made to access a trunk group and was unsuccessful because no available trunk could be found in a given trunk group

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<sup>3</sup> Column headings may vary slightly.

## Why Sprint?

With a rich heritage more than a century strong, Sprint remains one of the most financially stable companies in the telecom industry. When you choose Sprint, you're choosing a global company that wins industry and customer accolades for service reliability and customer satisfaction and one that is committed to developing solutions that can transform the way you get business done.

Please contact your Sprint Sales Manager

[www.sprint.com/localwholesale](http://www.sprint.com/localwholesale)



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