



## SGM Statistics Export File Formats

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This appendix lists the formats for the following SGM statistics export files:

- [SGM Custom Network Statistics Export File Formats, page F-2](#)
- [SGM Daily and Hourly Accounting Statistics Export File Format, page F-2](#)
- [SGM Link Statistics Daily Export File Format, page F-3](#)
- [SGM Link Statistics Hourly Export File Format, page F-4](#)
- [SGM Linkset Statistics Daily Export File Format, page F-5](#)
- [SGM Linkset Statistics Hourly Export File Format, page F-6](#)
- [SGM Point Code Inventory Export File Format, page F-7](#)
- [SGM Rolling Network Statistics Export File Formats, page F-7](#)

# SGM Custom Network Statistics Export File Formats

Export files for custom network statistics reports use the same format as the corresponding accounting, link, and linkset statistics reports:

- The export file for a custom accounting statistics report uses the same format as the daily and hourly accounting statistics report export file, as shown in the [“SGM Daily and Hourly Accounting Statistics Export File Format”](#) section on page F-2.
- The export file for a custom link statistics summary report uses the same format as the daily link statistics report export file, as shown in the [“SGM Link Statistics Daily Export File Format”](#) section on page F-3.
- The export file for a custom linkset statistics summary report uses the same format as the daily linkset statistics report export file, as shown in the [“SGM Linkset Statistics Daily Export File Format”](#) section on page F-5.

## SGM Daily and Hourly Accounting Statistics Export File Format

Export files for SGM daily and hourly accounting statistics reports use the following format:

```
# =====
# Format of Accounting Statistics Daily and Hourly Files:
# Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1 Row Id
# 2 Calendar Date in Excel Import Format
# 3 Calendar Date Good for Sorting
# 4 Node Name
# 5 Linkset Name                Name of Linkset
# 6 ACL Test                    Passed or Failed
# 7 DPC                        Destination Point Code
# 8 OPC                        Originating Point Code
# 9 SI                          Service Indicator
# 10 Received MSUs             Number of MSUs sent this period
# 11 Sent MSUs                Number of MSUs received this period
# 12 Received Bytes           Number of bytes sent this period
```

```

# 13 Sent Bytes                Number of bytes received this period
# 14 Node DisplayName          Display Name of Node from SGM Server
# 15 Linkset DisplayName       Display Name of Linkset from ITP
# 16 Period                    Length of this period in seconds
# 17 Day String                Textual value for day. Sun, Mon, etc
# 18 Node SGMId               Internal Id of node in SGM server
# 19 Version                   File version
# 20 Signaling Point Name      Name of Signaling Point from ITP
# 21 Signaling Point SGMId     Internal Id of SP in SGM server
# =====

```

## SGM Link Statistics Daily Export File Format

Export files for SGM daily link statistics summary reports use the following format:

```

# =====
# Format of Link Statistics Daily Export File:
#   Any value = 999.1 means link capacity not set
#   Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1 Row Id
# 2 Calendar Date in Excel Import Format
# 3 Calendar Date Good for Sorting
# 4 Node Name
# 5 Linkset Name                Val cItpSpLinksetName
# 6 SLC                        Val cItpSpLinkSlc
# 7 Node DisplayName            Display Name of Node from SGM Server
# 8 Link DisplayName            Val cItpSpLinkDisplayName
# 9 Link Type (integer)         Val cItpSpLinkType
# 10 Link Type (text)
# 11 MIB-II ifIndex of link. Serial/HSL Only.
# 12 Plan send capacity of link in bits/sec.
#                               Val cItpSpLinkPlanCapacitySent
# 13 Plan receive capacity of link in bits/sec.
#                               Val cItpSpLinkPlanCapacityRcvd
# 14 MIB-II ifSpeed of link. Serial/HSL Only. In bits/sec.
# 15 Hours in Day with Data
# 16 Day String

# 17 DailyAvgSndU
# 18 DailyAvgRcvU
# 19 PeakSndU

```

## SGM Link Statistics Hourly Export File Format

```

# 20 PeakSndHour
# 21 PeakRecvU
# 22 PeakRecvHour
# 23 TotSendMSUs - In Kilos
# 24 TotRecvMSUs - In Kilos
# 25 Drops
# 26 DailyAvgInSrv
# 27 LowInSrv
# 28 LowHour
# 29 LTAvgInSrv
# 30 LTAvgSndU
# 31 LTAvgRcvU
# 32 Node SGMId
# 33 Version
# 34 Signaling Point Name
# 35 Signaling Point SGMId
# =====

```

## SGM Link Statistics Hourly Export File Format

Export files for SGM hourly link statistics reports use the following format:

```

# =====
# Format of Link Statistics Hourly Export File:
# Possible values of Link Type are:
#     other(1), serial(2), sctpIp(3), hsl(4)
# Any value = 999.1 means link capacity not set
# Any value = 999.2 means a math error occurred
# =====

# Field Variable                Description
# -----
# 1 Row Id
# 2 Calendar Date in Excel Import Format
# 3 Calendar Date Good for Sorting
# 4 Node Name
# 5 Linkset Name                Val cItpSpLinksetName
# 6 SLC                          Val cItpSpLinkSlc
# 7 Node DisplayName            Display Name of Node from SGM Server
# 8 Link DisplayName            Val cItpSpLinkDisplayName
# 9 Link Type (integer)         Val cItpSpLinkType
# 10 Link Type (text)
# 11 MIB-II ifIndex of link. Serial/HSL Only.
# 12 Plan send capacity of link in bits/sec.
#                               Val cItpSpLinkPlanCapacitySent
# 13 Plan receive capacity of link in bits/sec.

```

```

#                               Val cItpSpLinkPlanCapacityRcvd
# 14 MIB-II ifSpeed of link. Serial/HSL Only. In bits/sec.
# 15 Length of this period in seconds
# 16 Day String
# 17 Send utilization this time period.      In Erlangs, not percent.
# 18 Average send utilization since reboot. In Erlangs, not percent.
# 19 Recv utilization this time period.      In Erlangs, not percent.
# 20 Average recv utilization since reboot. In Erlangs, not percent.
# 21 Number of MTP3 MSUs sent      this period
# 22 Number of MTP3 MSUs received this period
# 23 Number of drops this period
# 24 Percentage of time in service this period
# 25 Avg Percentage of time in service since reboot
#      or last counter wrap
# 26 Percentage of time out of service this period
# 27 Avg Percentage of time out of service since reboot
#      or last counter wrap
# 28 Number of MTP3 Bytes sent this period
# 29 Number of MTP3 Bytes received this period
# 30 Node SGMId
# 31 Version
# 32 Signaling Point Name
# 33 Signaling Point SGMId
# =====

```

## SGM Linkset Statistics Daily Export File Format

Export files for SGM daily linkset statistics summary reports use the following format:

```

# =====
# Format of Linkset Statistics Daily Export File:
# =====

# Field Variable                               Description
# -----
# 1 Row Id
# 2 Calendar Date in Excel Import Format
# 3 Calendar Date Good for Sorting
# 4 Node Name
# 5 Linkset Name                               Val cItpSpLinksetName
# 6 Node DisplayName                           Display Name of Node from SGM Server
# 7 Linkset DisplayName
# 8 Hours
# 9 DayStr
# 10 DailyAvgInSrv

```

```
# 11 LowInSrv
# 12 LowHour
# 13 LTAvGInSrv
# 14 NodeSGMID
# 15 Version
# 16 Signaling Point Name
# 17 Signaling Point SGMID
# =====
```

## SGM Linkset Statistics Hourly Export File Format

Export files for SGM hourly linkset statistics reports use the following format:

```
# =====
# Format of Linkset Statistics Hourly Export File:
# =====

# Field Variable                                Description
# -----
# 1 Row Id
# 2 Calendar Date in Excel Import Format
# 3 Calendar Date Good for Sorting
# 4 Node Name
# 5 Linkset Name                                Val cItpSpLinksetName
# 6 Node DisplayName                            Display Name of Node from SGM Server
# 7 Linkset DisplayName                          Val cItpSpLinksetDisplayname
# 8 Length of this period in seconds
# 9 Day String
# 10 Percentage of time in service this period
# 11 Avg Percentage of time in service since reboot
# 12 Percentage of time out of service this period
# 13 Avg Percentage of time out of service since reboot
# 14 Node SGMID
# 15 Version
# 16 Signaling Point Name
# 17 Signaling Point SGMID
# =====
```

# SGM Point Code Inventory Export File Format

Export files for SGM point code inventory reports are comma-separated value (CSV) text files. Each line of the file has the following format:

```
# =====  
# Format of Point Code Inventory Export File:  
# =====  
  
# PointCode,NodeName,NodeDisplayName,PCType,SGMId  
# =====
```

# SGM Rolling Network Statistics Export File Formats

Export files for 7-day and 30-day rolling network statistics reports use the same format as the corresponding link and linkset statistics reports:

- The export file for a 7-day link statistics summary report uses the same format as the hourly link statistics report export file, as shown in the [“SGM Link Statistics Hourly Export File Format”](#) section on page F-4.
- The export file for a 7-day linkset statistics summary report uses the same format as the hourly linkset statistics report export file, as shown in the [“SGM Linkset Statistics Hourly Export File Format”](#) section on page F-6.
- The export file for a 30-day link statistics summary report uses the same format as the daily link statistics report export file, as shown in the [“SGM Link Statistics Daily Export File Format”](#) section on page F-3.
- The export file for a 30-day linkset statistics summary report uses the same format as the daily linkset statistics report export file, as shown in the [“SGM Linkset Statistics Daily Export File Format”](#) section on page F-5.

