

After the submission, disposition or RFs are created locally, they are transmitted to the appropriate location. The location is determined by the Plan Profile (the local or processing Plan location) and, in the case of a reconciliation transaction, by whether the CFA will process the net settlements for that claim.

### Test and Production Output Files

Plans can split output files for transmission into test or production files. The ITS Center supplies the following copymembers, which contain test and production GFT account codes:

- GFT test account codes                      ITCWSGDT
- GFT production account codes              ITCWSGD

To split a GFT file into a test and production file, assign different file names to the test and production GFT account codes. When you transmit, the NDM system will compare the GFT account code on the GFT header record to the GFT account code in the control card at the receiving site to allocate the test or production file.

### Setting Up Outbound Generation Data Groups (GDG)

Outbound datasets are created by program GFTSPLIT. This program requires that the name for the outbound dataset be in a Generation Data Group (GDG) format. The specific GDG base of the outbound dataset named is defined in member DYNAGFT in the PARMLIB library.

The GDG base can be in one of two formats: UNIVERSAL or STATION CODE. The symbol '@@@@' determines which format is active. When the symbol is absent from the DSN definition in member DYNAGFT, the UNIVERSAL format is active. When the symbol '@@@@' is included in the DSN definition, the STATION CODE format is being used.

#### UNIVERSAL

One GDG base is present for all outbound data files created by program GFTSPLIT. As an outbound file is created, the file is assigned the next generation number in the GDG. The destination of the outbound file is not a consideration.

When creating the UNIVERSAL GDG base, the "LIMIT" parameter, which defines how many files can be associated with this GDG, should be set to a maximum of 255. Once this LIMIT is reached, the system will uncatalogue the oldest file to create an entry for the new file being generated.

Because of this, it is possible for the system to uncatalogue a file that has not yet been retrieved by the destination site. This situation has occurred when the destination site was unable to retrieve the data file on a timely basis.

#### STATION CODE

One GDG base must be established for each Station Code defined in the member STACODES of the PARMLIB library. As an outbound file is created by program GFTSPLIT, the file is assigned the next generation number of the specific GDG base that relates to that station code.

When creating STATION CODE GDG bases, the 'LIMIT' parameter is not as critical because there is one GDG base for each station code. The GDG base will reflect only the outbound data files for that specific site. A 'LIMIT' of 50 can safely be used for this parameter which should provide a minimum of a week's outbound file transfers.

### **CONNECT: Direct Primary Options Menu**

To view the Summary Statistics after a file has been transmitted, select the SS option on the Primary Options Menu. After the Select Statistics screen is displayed, enter the start date and approximate time of the transmission. The next screen displayed is the Statistic Summary, and it provides the summary results of transmissions executed on or after the entered date and time. To determine if a GDG dataset was transmitted successfully, search for a COPY function entry with a GFT account number and receiving node that matches the dataset. Then select the COPY function entry to display the detail transmission statistics.

### **Quiesce Procedures**

Prior to merging transmission files received from other Licensees, it is advisable to quiesce CONNECT: Direct. Quiescing will suspend processing at the Licensee's node but does not bring down CONNECT: Direct. Using this procedure will prevent a Licensee from accidentally dropping transmission files that are being received at the same time the merge process is occurring.

The normal merge process has the following steps:

1. Transmission files (GDGs) are concatenated and copied to a holding file.
2. Transmission files are deleted using a utility such as IDCAMS.
3. The holding file is processed by the ITS Transmission Reception software.

In order to prevent receiving a transmission file between steps 1 and 2, quiesce CONNECT: Direct prior to step 1 and then resume after step 2 or 3.

### **Sample QUIESCE JCL**

```
//QUIESCE JOBCARD
//*****
/** THIS STEP WILL QUIESCE NDM BY SUSPENDING ALL PROCESSING
/** THIS STEP SHOULD BE THE FIRST ONE IN THE JOBFLOW.
//*****
/*STEPONE EXEC PGM=DMBATCH, REGION=512K,PARM=(YYNSYNN)
/*DMNETMAP DD DISP=SHR, DSN=NETMAP.FILE
/*DMPUBLIB DD DISP=SHR,DSN=PROCESS.LIB.FILE
/*DMMSGFIL DD DISP=SHR,DSN=MSG.FILE
```

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```
/*DMPRINT DD SYSOUT=*
/*SYSIN DD*
SIGNON USERID=(USERID,PASSWORD)
MODIFY SESSIONS=QUIESCE
SIGNOFF
/*
/* OTHER JOB STEPS
/*
//*****
/** THIS STEP WILL RESUME NDM. IT REMOVES THE SUSPENSE.
/** THIS STEP SHOULD BE THE LAST ONE IN THE WORKFLOW.
//*****
/*LASTSTEP EXEC PGM=DMBATCH,REGION=512K,PARM=(YYNSYNN)
/*DMNETMAP DD DISP=SHR,DSN=NETMAP.FILE
/*DMPUBLIB DD DISP=SHR,DSN=PROCESS.LIB.FILE
/*DMMSGFIL DD DISP=SHR,DSN=MSG.FILE
/*DMPRINT DD SYSOUT=*
/*SYSIN DD*
SIGNON USERID=(USERID,PASSWORD)
MODIFY SESSIONS=RESUME
SIGNOFF
```

### **NDM Initialization Options (GDGENQ / GDGR)**

Use of these two options will prevent another site from starting a COPY procedure while you are in the process of collecting the received datasets.

#### **GDGENQ**

When this parameter is set to YES, CONNECT: Direct will verify that no other system task is accessing either the requested dataset or the requested GDG base, before allocating the output dataset.

#### **GDGR**

The value of GDGR should be added to the list of error codes in the initialization parameter ALLOC.CODES. In the event that the GDG base is in use at the time the request for a file allocation is made, the value of GDGR informs CONNECT: Direct to queue the incoming

#### **The ITS Transmission Software**

The ITS transmission software creates different output files depending on whether you are transmitting your claim records using GFT or another means.

The ITS transmission software determines the appropriate transmission format by reading the transmit mode code on the SCCF claim header record. Users set this indicator as shown in the table below.

Table 6.1 – Transmission Mode Codes

Code	Description
1	General file transfer (GFT)
9	Other

For GFT transmission, the ITS transmission software performs the following tasks:

Step	Action														
1	<p>Generates a GFT header record for each claim processed. The record is in the following format.</p> <table><tr><td><u>Position</u></td><td><u>Data</u></td></tr><tr><td>01-05</td><td>GFT01</td></tr><tr><td>06-10</td><td>GFT account code</td></tr><tr><td>11-14</td><td>Destination station code</td></tr><tr><td>15-17</td><td>Processing Plan code</td></tr><tr><td>18-20</td><td>Local Plan code</td></tr><tr><td>20-37</td><td>Description</td></tr></table>	<u>Position</u>	<u>Data</u>	01-05	GFT01	06-10	GFT account code	11-14	Destination station code	15-17	Processing Plan code	18-20	Local Plan code	20-37	Description
<u>Position</u>	<u>Data</u>														
01-05	GFT01														
06-10	GFT account code														
11-14	Destination station code														
15-17	Processing Plan code														
18-20	Local Plan code														
20-37	Description														
2	<p>Writes a GFT header record to a GFT output file for each record type processed. The file structure is as follows:</p> <ul style="list-style-type: none"><li>• GFT header record</li><li>• Claim header record</li><li>• Detail records</li><li>• Claim trailer record</li></ul>														

The GFT output file is then input to the Connect: Direct software for transmission over the BluesNet network.

Step	Action
1	Using the destination station code on the GFT header record, locate the BluesNet address at the receiving Plan.
2	Using the NDM process library statements, allocate the production or test output file corresponding to the GFT account code.
3	<p>Transmit the detail file by record type.</p> <p><i>Note: The GFT header record is stripped from the output file at the receiving Plan.</i></p>

For transmissions other than GFT, the ITS transmission software writes the SCCF claim header record, the detail SCCF records and the SCCF trailer record to the other output file.

Because the other output file does not contain any destination information, you can transmit it only through the NDM batch system. Before transmission, you must supply the appropriate destination information through the NDM menu screen.

### ITS Reception Software

At the reception site, the production or test GFT and other files may be input to the ITS transmission reception software. Because the GFT account code is used to segregate the ITS record formats, the purpose for running the reception software would be to produce control reports. Depending on the content of the input files, one or more of the following files may be generated.

Table 6.2 – Reception Software Output Files

Transaction Identifier	Description	Record Type
b1	Submission format	05 - 99 or A5 - X0
b2	Disposition format	1A - 9A
b3	Reconciliation format	1A - 2A
b5	Plan Profile update	1A - 9A
b6	Plan Profile acknowledgement	1A - 2A
b7	Managed care format	1A - 9A
b8	Standard inter-Plan NF	1A - 4A
b4	Membership exchange format	1A - 4A
b3	Capitated billing format	5A - 9A
b4	Provider data format	5A - 9A

The reception software reads in GFT and other transmission files and performs the following:

Step	Action
1	Reads the record type on the claim header record.
2	Based on the record type field, writes the claim header record, the following detail records, and the claim trailer record to the appropriate output file.
3	Writes an output report showing total records received through GFT and other transmissions.

Transmission Pre-Format Report Input Control (ITCP9132-01)

REPORT ID : ITCP9132-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE 01  
RUN DATE : 04/22/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 16:07:35                      TRANSMISSION PRE-FORMAT REPORT  
   INPUT CONTROL

                 TRAILER INFORMATION  
SOURCE FILE   SOURCE ID   CREATION   CREATION   TRANSACTION COUNTS  
RECORD COUNTS   FILE  
                 DATE   TIME   PHYSICAL   TRAILER   PHYSICAL  
TRAILER   STATUS

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001	BCBSUW HOST RF CREAT	01/13/98	23:40:25	5	5	10
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GRAND TOTALS			5	5	10	10
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=== SF AND DF RECORD COUNTS DO NOT INCLUDE SPECIAL NOTATIONS RECORDS  
WITH A TRANSMISSION INDICATOR OF N ===

Transmission Format Report Input Control (ITCP9132-01)

REPORT ID : ITCP9132-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE 01  
RUN DATE : 04/22/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 16:07:41                      TRANSMISSION FORMAT REPORT  
   INPUT CONTROL

                 TRAILER INFORMATION  
SOURCE FILE   SOURCE ID   CREATION   CREATION   TRANSACTION COUNTS  
RECORD COUNTS   FILE  
                 DATE   TIME   PHYSICAL   TRAILER   PHYSICAL  
TRAILER   STATUS

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001	TRANSMISSION FORMAT	04/22/99	16:07:35	5	5	10
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GRAND TOTALS			5	5	10	10
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=== SF AND DF RECORD COUNTS DO NOT INCLUDE SPECIAL NOTATIONS RECORDS  
WITH A TRANSMISSION INDICATOR OF N ===

Transmission Format Report Output Control (ITCP9134-01)

REPORT ID : ITCP9134-01	INTER-PLAN TELEPROCESSING SERVICES	
PAGE 01		
RUN DATE : 04/22/1999	STANDARD CLAIMS COLLECTION FACILITY	
RUN TIME : 16:07:41	TRANSMISSION FORMAT REPORT	
	OUTPUT CONTROL	
GFT		
---		
GFT RECORDS WRITTEN	10	
GFT TRANSACTIONS WRITTEN	5	
MTT		
---		
MTT TRANSACTION HEADER RECORDS WRITTEN		0
MTT RECORDS WRITTEN	0	
MTT TRANSACTIONS WRITTEN	0	
OTHER TRANSMISSION MODES		
-----		
RECORDS WRITTEN	0	
TRANSACTIONS WRITTEN	0	
GRAND TOTALS		
-----		
TOTAL RECORDS WRITTEN	10	
TOTAL TRANSACTIONS WRITTEN	5	



Transmission Reception Report Input Control (ITCP9132-01)

REPORT ID : ITCP9132-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE 01  
RUN DATE : 04/22/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 16:41:29                      TRANSMISSION RECEPTION REPORT  
   INPUT CONTROL

TRAILER INFORMATION							
SOURCE FILE	SOURCE ID	CREATION	CREATION	TRANSACTION COUNTS			
RECORD COUNTS	FILE						
	DATE	TIME	PHYSICAL	TRAILER	PHYSICAL		
TRAILER	STATUS						
GFT							
001	GFT TRANSMISSION	04/22/99	16:36:45	1	1	2	2
GFT							
002	GFT TRANSMISSION	04/22/99	16:36:45	1	1	2	2
GFT							
003	GFT TRANSMISSION	04/22/99	16:36:45	1	1	2	2
GFT							
004	GFT TRANSMISSION	04/22/99	16:36:45	1	1	2	2
GFT							
005	GFT TRANSMISSION	04/22/99	16:36:45	1	1	2	2
OTHER							
006	OTHER TRANSMISSION	04/22/99	16:36:45	0	0	0	
0							
GRAND TOTALS			5	N/A	10	N/A	

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=== SF AND DF RECORD COUNTS DO NOT INCLUDE SPECIAL NOTATIONS RECORDS  
WITH A TRANSMISSION INDICATOR OF N ===

Transmission Reception Report Output Control (ITCP9132-01)

REPORT ID : ITCP9132-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE 01  
RUN DATE : 04/22/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 16:41:29                      TRANSMISSION RECEPTION REPORT  
   OUTPUT CONTROL

TRAILER INFORMATION						TRANSACTION COUNTS	
SOURCE FILE	SOURCE ID	CREATION	CREATION				
RECORD COUNTS	FILE						

TRAILER	STATUS	DATE	TIME	PHYSICAL	TRAILER	PHYSICAL
001 N/A	SCSF RECEPTION	04/22/99	16:36:45	0	N/A	0
002 N/A	SCDF RECEPTION	04/22/99	16:36:45	0	N/A	0
003 N/A	SCRF RECEPTION	04/22/99	16:36:45	5	N/A	10
004 N/A	SCPU RECEPTION	04/22/99	16:36:45	0	N/A	0
005 N/A	SCPA RECEPTION	04/22/99	16:36:45	0	N/A	0
006 N/A	SINF RECEPTION	04/22/99	16:36:45	0	N/A	0
007 N/A	CLR RECEPTION	04/22/99	16:36:45	0	N/A	0
008 N/A	MEF RECEPTION	04/22/99	16:36:45	0	N/A	0
GRAND TOTALS				5	N/A	10

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=== SF AND DF RECORD COUNTS DO NOT INCLUDE SPECIAL NOTATIONS RECORDS  
WITH A TRANSMISSION INDICATOR OF N ===

Transmission Reception Software Missing Claim Trailer Report (ITCP9654-01)

REPORT ID : ITCP9654-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE    1  
RUN DATE : 03/10/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 13:36:50                      TRANSMISSION RECEPTION SOFTWARE  
MISSING CLAIM TRAILER REPORT

SCCF NUMBER	RECORD TYPE	LAST RECORD TYPE	CLAIM TYPE	ENCOUNTERED
30619980080036400	RF	20	1A	

Transmission Reception Software

Missing File Trailer Report (ITCP9666-01) (Page 1 of 2)

REPORT ID : ITCP9666-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE    1  
RUN DATE : 06/29/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 12:04:23                      TRANSMISSION RECEPTION SOFTWARE  
MISSING FILE TRAILER REPORT  
\*\*\*\*\* PROGRAM \*\*\*\*\* TRAILER

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FILE NAME	CURRENT SCCF SER	PREVIOUS SCCF SER	RECORD COUNT	TRANS COUNT
RECORD COUNT	TRANS COUNT			
NO DATA FOR TODAY'S REPORT				

Transmission Reception Software

Missing File Trailer Report (ITCP9666-01) (Page 2 of 2)

REPORT ID : ITCP9666-01                      INTER-PLAN TELEPROCESSING SERVICES  
PAGE    2  
RUN DATE : 06/29/1999                      STANDARD CLAIMS COLLECTION FACILITY  
RUN TIME : 12:05:07                      TRANSMISSION RECEPTION SOFTWARE  
MISSING FILE TRAILER REPORT  
\*\*\*\*\* PROGRAM \*\*\*\*\* TRAILER

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FILE NAME	CURRENT SCCF SER	PREVIOUS SCCF SER	RECORD COUNT	TRANS COUNT
RECORD COUNT	TRANS COUNT			
ITCGFT TRAILER RECORD	30619980080038100	50	6	4
ITCGFT END OF FILE	08019972630089900	53	6	0

**Control Standards for Sending Licensees**

1. Sending Licensees have the primary responsibility for verifying that their files have been successfully transmitted to the Receiving Licensee.

Sending Licensees should:

- Set up outbound datasets by Station Code.
- Set the concurrent number of transfers for GDG (Generation Data Groups) Index levels to 255.

See Appendix at the end of this Processing Standard for description of Universal and Station Code formats.

- The minimum requirement for Universal GDG formats is 255.
  - The range for Station Code GDG formats is 50-255.
2. Sending Licensees must ensure the availability of sufficient memory for CONNECT: Direct transfers. Insufficient memory may cause file transmission difficulties particularly when large numbers of concurrent transmissions are requested. Sterling Commerce recommends establishing an 8M region for CONNECT: Direct.
  3. Sending Licensees must monitor the transmission of datasets including all condition codes 4 and greater. At least once every 24 hours, the sending Licensee should:
    - Compare the GFTSPLIT CONNECT: Direct distribution summary report to the report generated by the DMBATCH program and verify that all GDG datasets have been assigned process numbers and are queued for processing.
    - Log on to CONNECT: Direct Primary Options Menu to view Summary Statistics and confirm that transmissions were executed. See Appendix for instructions on accessing the Statistics screen.
    - Contact the receiving Licensee's ITS Technical Coordinator or NDM (Network Data Mover) Administrator within 24 hours if a problem occurs with the transmission.
  4. Maintain a minimum of 90 days of backups of all transmitted files with the capability to retransmit a requested batch and/or record.
  5. Maintain and execute a current vendor supported Year 2000 compliant version of CONNECT: Direct software.
  6. Maintain an accurate contact list for ITS Coordinators, ITS Technical Coordinators, NDM Administrators, and Network Advisory Group members.

### **Control Standards for Receiving Licensees**

1. Receiving Licensees should:

- a. Set up reception datasets by GFT Account Code.
- b. Set the concurrent number of incoming datasets for GDG Index levels to 255.

See Appendix for description of Universal and Station Code formats.  
The minimum requirement for Universal GDG formats is 255.  
The range for Station Code GDG formats is 50-255.

2. Receiving Licensees should not encode the space parameter on the COPY process statements in the PROCESS Library.
3. Receiving Licensees should set up a well-defined, daily monitoring process. Contact the ITS Coordinator/NDM Administrator at the sending Licensee within 24 hours if an error occurs.
4. Receiving Licensees should archive and back up all files received prior to running any ITS process.
5. Receiving Licensees must define the COPY process statements in the PROCESS library with a File Disposition of Catalog. (DISP=NEW, CATLG, DELETE)
6. Receiving Licensees should consider one or both of the following options. For additional information regarding these options, see Appendix.
  - a. Quiesce CONNECT: Direct prior to processing transmission files.
  - b. Safeguard the GDG base during the archive/delete process by using NDM Initialization options GDGENQ and GDGR.
7. Maintain and execute a current vendor supported Year 2000 compliant version of CONNECT: Direct Software.
8. Maintain an accurate contact list of ITS Coordinators, ITS Technical Coordinators, NDM Administrators, and Network Advisory Group members.