

Gemini Shipper File Definitions

Bulk Download of Pre-Closeout Allocations

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1 Bulk Download Specification

This bulk download supports the download of pre-closeout allocations. Query parameters are supplied in an MTI file. Retrieved detail records or query error messages are returned in an MTO file.

1.1 Input File - MTI

1.1.1 File Layout

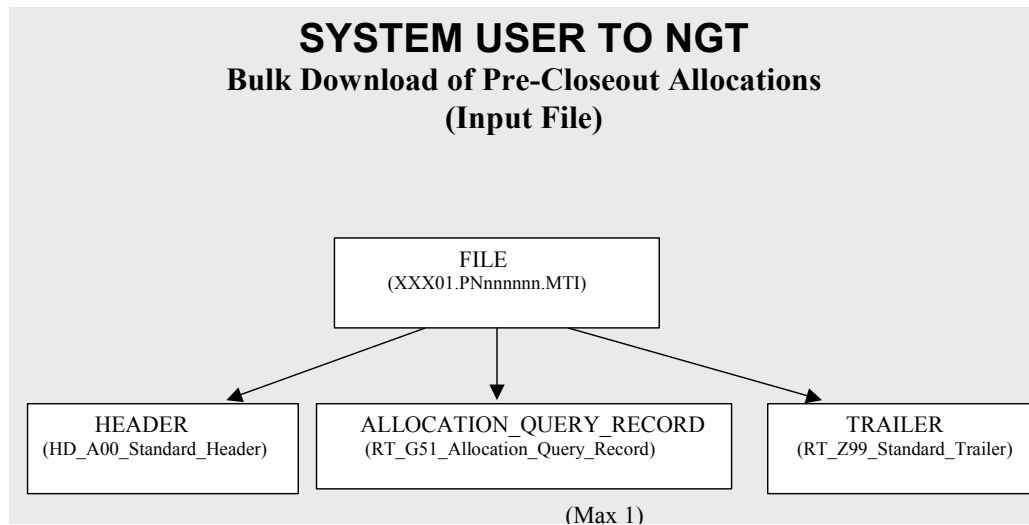
File Name and Record Types

File name: XXX01.PNnnnnnn.MTI where XXX represents the Business Associate's (BA) short code

Table 1 - MTI Record Types

SR#	RECORD NAME
1	HD_A00_STANDARD_HEADER
2	RT_G51_ALLOCATION_QUERY_RECORD
3	RT_Z99_STANDARD_TRAILER

Layout Diagram



1.1.2 Record Formats

OPT - Optional, Mandatory

DOM - Domain i.e. T Alphanumeric, N Numeric, D Date (YYYYMMDD), M

Timestamp (HHMMSS)

LNG - Length

DEC – No. of decimal places

HD_A00_STANDARD_HEADER

(Standard header for all files sent between National Grid and another Organisation)

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: A00.
2	ORGANISATION_ID	M	N	10	0	A reference which uniquely identifies a Customer/Organisation.
3	FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file. VALUE: MTI for this file type.
4	CREATION_DATE	M	D	8	0	The date on which the file was generated.
5	CREATION_TIME	M	M	6	0	The time on which the file was generated (within the Creation Date).
6	GENERATION_NUMBER	M	N	6	0	A sequence number which represents an issue of a file from the Organisation (indicated by the Organisation id) and of the file type (indicated by the file type), e.g., the first Nominations file from an Organisation will have the number 1, the second, the number 2, etc. Each file sent either from an Organisation to National Grid or from National Grid to an Organisation within one file type must have consecutive numbers. Must match nnnnnn in the file name.
Total				36		

RT_G51_ALLOCATION_RECORD

(Query Record for Energy Balancing Bulk Download of Pre-Closeout Allocations)

Occurs Max 1

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents.

						Value G51
2	GAS_DAY_FROM	M	D	8	0	The start gas day for which the file should be generated
3	GAS_DAY_TO	M	D	8	0	The end gas day for which the file should be generated
4	INOUT_FLOW_IND	O	T	1	0	The type of flow of the Meter Permitted Values 'I' & 'O' where I=Input and O=Output
5	METER_TYPE	O	T	2	0	The identification of the type of Meter
6	METER_ID	O	T	10	0	Unique identifier of a Meter
Total				32		

RT_Z99_STANDARD_TRAILER

(Standard Trailer for all files sent between National Grid and another Organisation)

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	TRANSACTION_TYPE	M	T	3	0	A code identifying the type of transaction that this record represents. VALUE: Z99.
2	RECORD_COUNT	M	N	10	0	A count of the number of records in the file not including the A00 and Z99 records.
Total				13		

Total Length:

81

1.1.3 Example File

```
"A00",0000000399,"MTI",20040129,123000,000001
"G51",20031101,20031103,"O","BB","A000000141"
"Z99",1
```

1.2 Output File – MTO

1.2.1 File Layout

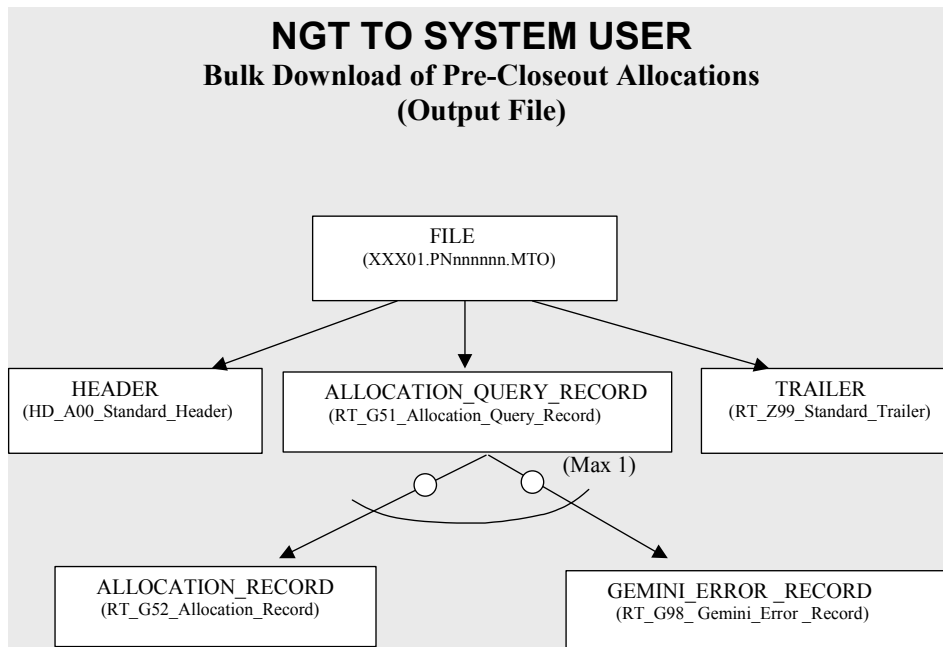
File Name and Record Types

File name: XXX01.PNnnnnnn.MTO where XXX represents the Business Associate's (BA) short code

Table 2 - MTO Record Types

SR#	RECORD NAME
1	HD_A00_STANDARD_HEADER
2	RT_G51_ALLOCATION_QUERY_RECORD
3	RT_G52_ALLOCATION_RECORD
4	RT_G98_GEMINI_ERROR_RECORD
6	RT_Z99_STANDARD_TRAILER

Layout Diagram



1.2.2 Record Formats

OPT - Optional, Mandatory

DOM - Domain i.e. T Alphanumeric, N Numeric, D Date (YYYYMMDD), M

Timestamp (HHMMSS)

LNG - Length

DEC – No. of decimal places

HD_A00_STANDARD_HEADER

(Standard header for all files sent between National Grid and another Organisation)

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE: A00.
2	ORGANISATION_ID	M	N	10	0	A reference which uniquely identifies a Customer/Organisation.
3	FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file. VALUE: MTO for this file type.
4	CREATION_DATE	M	D	8	0	The date on which the file was generated.
5	CREATION_TIME	M	M	6	0	The time on which the file was generated (within the Creation Date).
6	GENERATION_NUMBER	M	N	6	0	A sequence number which represents an issue of a file from the Organisation (indicated by the Organisation id) and of the file type (indicated by the file type), e.g., the first Nominations file from an Organisation will have the number 1, the second, the number 2, etc. Each file sent either from an Organisation to National Grid or from National Grid to an Organisation within one file type must have consecutive numbers. Must match nnnnnn in the file name.
Total				36		

RT_G51_ALLOCATION_QUERY_RECORD

(Query Record for Energy Balancing Bulk Download of Pre-Closeout Allocations)

Occurs Max 1

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	TRANSACTION_TYPE	M	T	3	0	A code identifying the type of

						request that this record represents. Value G51
2	GAS_DAY_FROM	M	D	8	0	The start gas day for which the file should be generated
3	GAS_DAY_TO	M	D	8	0	The end gas day for which the file should be generated
4	INOUT_FLOW_IND	O	T	1	0	The type of flow of the Meter. Permitted Values 'I' & 'O' where I=Input and O=Output
5	METER_TYPE	O	T	2	0	Unique identification for the type of Meter
6	METER_ID	O	T	10	0	Unique identifier for a Meter
Total				32		

RT_G52_ALLOCATION_RECORD

(Detail Record for Energy Balancing Bulk Download of Pre-Closeout Allocations)
(RT_G98 will not occur)

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	TRANSACTION_TYPE	M	T	3	0	A code representing the type of transaction that this record represents. Value G52
2	GAS_DAY	M	D	8	0	The gas day for which the claims are sent.
3	METER_ID	M	T	10	0	Unique identifier for a Meter
4	METER_TYPE	M	T	2	0	Unique identification for the type of Meter
5	INOUT_FLOW_IND	M	T	1	0	The type of flow of the Meter. Permitted Values 'I' & 'O' where I=Input and O=Output.
6	NOMINATED_QUANTITY	M	N	13	0	The Nominations Quantity (kWh) for the Meter and the BA.
7	ALLOCATED_QUANTITY	M	N	13	0	The Allocations Quantity (kWh) for the Meter and the BA.
8	OPPOSITE_FLOW_IND	M	T	1	0	The indication of existence of Opposite Flow (turn down). The possible values are Y or N. Y indicates opposite flow allocation and N indicates normal flow allocation
Total				60		

RT_G98_GEMINI_ERROR_RECORD

(Error Record for Energy Balancing Bulk Downloads)
(RT_G98 occurs when error occurs, RT_G52 will not occur)

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
1	ERROR_CODE	M	T	8	0	Error code associated with the error message
2	ERROR_MSG	M	T	80	0	Descriptive error message associated with each error code
Total				88		

RT_Z99_STANDARD_TRAILER

(Standard Trailer for all files sent between National Grid and another Organisation)

SI.No	RECORD/FIELD	OPT	DOM	LNG	DEC	DESCRIPTION
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	NAME					
1	TRANSACTION _TYPE	M	T	3	0	A code identifying the type of transaction that this record represents. VALUE: Z99.
2	RECORD_ COUNT	M	N	10	0	A count of the number of records in the file not including the A00 and Z99 records.
Total				13		

Total Length: 229

1.2.3 Example File

Successful Query

```
"A00",0000000399,"MTO",20040129,123000,000001
"G51",20031101,20031103,"O","BB","A000000141"
"G52",20031101,"A000000141","BB","O",35000,21222,"N"
"G52",20031102,"A000000141","BB","O",35000,16476,"N"
"G52",20031103,"A000000141","BB","O",35000,18529,"N"
"Z99",4
```

Error Query

```
"A00",0000000399,"MTO",20040129,123000,000001
"G51",20031101,20031103,"O","BB","A000000141"
"G98","GDY00001","Invalid Gas Day From "
"Z99",2
```

2 Document Control

2.1 Superseded Documents

Title	Reference	Version	Date
Documents issued to the Gemini shipper forum for review. Filenames as follows: - File Layout MTI.doc - File Format MTI.doc - Example file MTI.doc - File Layout MTO.doc - File Format MTO.doc - Example file MTO.doc - Example file MTO Error.doc	N/A	1	17-Dec-2004

2.2 Version History

Version	Status	Date	Author(s)	Summary of Changes
1	For Representation	28-Jan-2005	NGT IS	Baseline version generated from contents of superseded documents.
1	Approved	17-Mar-2005	NGT IS	Approved at UK-Link Committee.
2	For Representation	07-Sep-2005	National Grid IS	Corrections highlighted during Gemini trials as follows: - Correction to erroneous date in G51 record examples. Also, references to NGT changed to National Grid.
2	For Approval	29-Sep-2005	National Grid IS	No representation comments received. Submitted "For Approval" without further modification.