Distribution Network Operator File Layout
Gemini NTS Exit Reform

Bulk Upload of OCS and OPS Flex and Pressure Information

Author (for this version):	xoserve
Owner:	National Grid
Version:	1
Status:	For Representation
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1 Bulk Upload Specification

The bulk upload file supports the upload of OCS and OPS Flex and Pressure Information. OCS and OPS Flex and Pressure Information is supplied in an OCS file in csv format. Note that the file is uploaded on-line, through a Gemini Exit Reform System screen, and not via the Control File Transfer Mechanism (CFTM). Any error messages are displayed online i.e. there is no output file.

1.1 Input File – OCS

1.1.1 File Layout

OPT - O Optional, M Mandatory
DOM - Domain i.e. T Alphanumeric, N Numeric, D Date (YYYYMMDD), M Timestamp (HHMMSS)
LNG – Length i.e. number of characters
DEC – Number of decimal places

File Name and Record Types
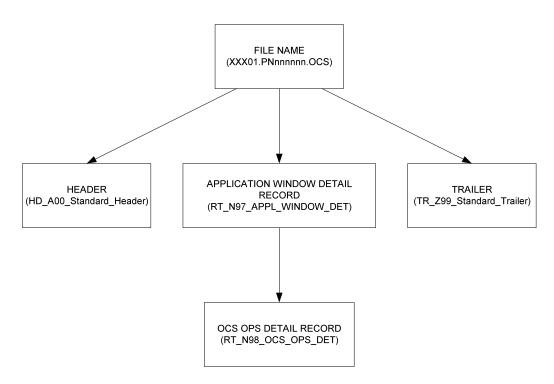
File name: XXX01.PNnnnnnn.OCS
where XXX represents the Business Associate's (BA) short code

Table 1 - OCS Record Types

Level	RECORD NAME	Occurrences	Optionality
1	HD_A00_STANDARD_HEADER	1	M
1	RT_N97_APPL_WINDOW_DET	1	M
1	RT_N98_OCS_OPS_DET	Up to 1500	M
1	TR_Z99_STANDARD_TRAILER	1	M

Hierarchy Diagram

FILES SENT FROM SYSTEM USER TO NG
Bulk Upload of OCS and OPS Flex and Pressure Information
(Input File)

```
                        ┌─────────────────────────┐
                        │   FILE NAME             │
                        │  (XXX01.PNnnnnnn.OCS)   │
                        └─────────────────────────┘
          ┌──────────────────┬────────┴─────────┬──────────────────┐
          ▼                  ▼                                      ▼
┌───────────────────┐  ┌──────────────────────────┐  ┌──────────────────────┐
│   HEADER          │  │ APPLICATION WINDOW DETAIL │  │   TRAILER            │
│(HD_A00_Standard_  │  │        RECORD            │  │(TR_Z99_Standard_     │
│     Header)       │  │ (RT_N97_APPL_WINDOW_DET) │  │     Trailer)         │
└───────────────────┘  └──────────────────────────┘  └──────────────────────┘
                                    │
                                    ▼
                        ┌──────────────────────────┐
                        │  OCS OPS DETAIL RECORD    │
                        │  (RT_N98_OCS_OPS_DET)     │
                        └──────────────────────────┘
```

1.1.2 Record Formats

HD_A00_STANDARD_HEADER
(Standard header for all files sent between NG 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: OCS.
4	CREATION_DATE	M	D	8	0	The date on which the file was generated. Format: YYYYMMDD.

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
5	CREATION _TIME	M	M	6	0	The time at which the file was generated (within the Creation Date). Format: HHMMSS.
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). Each file within one file type must have consecutive numbers.
Total				36	0	

RT_N97_APPL_WINDOW_DET
(Group Header for the Bulk Upload of OCS and OPS)

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: N97.
2	APPLICATION_WINDOW_PERIOD_START_DATE_AND_TIME	M	N	14	0	The Start date and time of the July window in which these OCS and OPS requests relate to. Format: YYYYMMDDHHMMSS
3	APPLICATION_WINDOW_PERIOD_END_DATE_AND_TIME	M	N	14	0	The End date and time of the July window in which these OCS and OPS requests relate to. Format: YYYYMMDDHHMMSS
Total				31	0	

RT_N98_OCS_OPS_DET
(Detail Record for the Bulk Upload of OCS and OPS)

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 N98.
2	BA_CODE	M	T	3	0	Unique identification of the Business Associate.

SI.No	RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION
3	LOCATION	M	T	20	0	The Exit Location held within the Gemini Exit system for which the OCS Flex and OPS Pressure data is to be supplied for. For example ABERDEENOT.
4	GAS_YEAR	M	T	7	0	Gas Year in the format MonYYYY. For example the gas year commencing in October 2012 would be denoted by OCT2012.
5	FLEX	M	N	9	5	Flex (mcm/day) is the Flex Pressure that has to be specified by the user.
6	SOD_PRESSURE	M	N	4	1	SOD Pressure (bar) is the Start of Day Pressure that has to be specified by the user.
7	EOD_PRESSURE	M	N	4	1	EOD Pressure (bar) is the End of Day Pressure that has to be specified by the user.
Total				50	7	

TR_Z99_STANDARD_TRAILER
(Standard Trailer for all files sent between NG and another Organisation)

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 Z99.
2	RECORD_ COUNT	M	N	20	0	The number of detail records contained within the file. This should not include the Standard Header and Standard Trailer but should include any file specific trailers if specified for this file.
Total				23		

Total Length: **140**

1.1.3 Example File

"A00",0000000434,"OCS",20090731,170000,000001
"N97",20090701080000,20090731170000
"N98","XXX","LOCATION","OCT2009",0.33987,57.5,57.0
"N98","XXX","LOCATION","OCT2010",0.33402,57.5,57.0

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```
"N98","XXX","LOCATION","OCT2011",0.33594,57.5,57.0
"N98","XXX","LOCATION","OCT2012",0.33648,57.5,57.0
"N98","XXX","LOCATION","OCT2013",0.33574,57.5,57.0
"N98","XXX","LOCATION","OCT2014",0.33756,57.5,57.0
"Z99",7
```

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2 Document Control

2.1 Version History

Version	Status	Date	Author(s)	Summary of Changes
1	For Representation	13/10/10	xoserve	

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