

GIEP7 – General installation status change

Purpose

This file is to be used by retailers to provide information on the change in connection status at installations (e.g. disconnections and reconnections) and also provide detail as to the nature of the status change (e.g. disconnected at meter etc).

Codes to be used allow this file to provide pre-notification or post-notification (as required) of changes performed by either party. For example, some distributors take fault calls from customers and therefore prior notification of disconnects would be advantageous.

Operation of protocol

File transport mechanism

Two file transport mechanisms are available for the transfer of data:

- (a) Manual (via email) to a nominated email address; and
- (b) Electronic (via file transfer protocol (FTP)) to a specified FTP inbox.

The actual mechanism used and destination address is to be configurable at file type level as agreed between the parties. In the case of FTP a security mechanism will be necessary to protect confidentiality. The ability to retrieve files from a remote FTP outbox is not part of this definition.

Field delimiters

The information is to be provided as a comma delimited text file. Commas are therefore prohibited within fields. Where portions of a field require separation, a tilde character (~) should be used. If commas are present in the fields, use quotation marks to exclude them as separators, as per the DOS CSV format.

The file format area in this document includes XML tags to enable the move to XML format as and when participants have the capacity to do so (the XML schema will be published with the file format document when it is defined).

Case sensitivity

Matching of file names, code list values, etc, is to be case insensitive.

Filename Convention

The following file naming convention is to be used:

Sender + Utility Type + Recipient + File type + Report Month + Report Run Date + Unique ID# (e.g. hhmm run time) and the components concatenated using the underscore character, to assist readability.

e.g. CTCT_G_UNLG_STCHG_201003_20100601_1232.txt

[Char4_Char1_Char4_Char5_yyyymm_yyyymmdd_hhmm.txt]

Each component of the file name has the same definition as used within the file headers.

Key data field descriptions

Installation Status Change Codes

Pre-Notification – Disconnection and Reconnection Codes

Status Change Code	Description
ADC	Disconnect Pre-Notification (Awaiting Disconnection Confirmation)

Post-Notification – Temporary Disconnection Codes

Status Change Code	Description
GCC	Gas credit disconnect – GMS remains, supply capped
GCU	Gas credit disconnect – GMS remains, service disconnected upstream of service valve by Network Operator
GCM	Gas credit disconnect – GMS removed, supply capped

Post-Notification – Transitional Disconnection Codes

Status Change Code	Description
GVC	Gas vacant disconnect –supply capped
GVM	Gas vacant disconnect - supply capped - GMS removed
GNC	Gas not required disconnect - supply capped
GNM	Gas not required disconnect – supply capped - GMS removed
GMC	Gas maintenance disconnect - supply capped
GMM	Gas maintenance disconnect – supply capped - GMS removed
GMU	Gas maintenance disconnect - GMS removed, service disconnected upstream of service valve by Network Operator
GSC	Gas safety disconnect – GMS remains, supply capped
GSM	Gas safety disconnect - GMS removed, supply capped

Status Change Code	Description
GSU	Gas safety disconnect - GMS remains, service disconnected upstream of service valve by Network Operator

Post-Notification – Permanent Disconnection Codes

Status Change Code	Description
GPC	Gas permanent disconnect ready for GMS removal – GMS remains, supply capped
GPM	Gas permanent disconnect ready for decommissioning - GMS removed, supply capped
GDE	Gas permanent disconnect - service disconnected by Network Operator outside property and service abandoned

Post-Notification – Reconnection Codes

Status Change Code	Description
DEB	Reconnect from Credit (Debt) disconnection
SAF	Reconnect from Safety disconnection
VAI	Reconnect from Vacant disconnection
NAI	Reconnect from Gas Not Required disconnection
MAI	Reconnection from Maintenance disconnection

Notes:

- GPC (or GPM) status is used to notify a network operator and GMS owner that preparation for decommissioning has been carried out - typically the service valve has been turned off and capped (or service valve has been turned off and capped and GMS has been removed). If appropriate, the network operator can then decommission the service.
- "Supply capped" means a discontinuity has been created between the service valve and GMS, or between the GMS and gas installation (based on requirements of the network operator), and the open ends have been capped.
- Some additional information will be required to identify when the service riser/GMS/consumer's point of supply is internal to a building, but this may be able to be identified by other means such as from meter reading records. Further work is required in this area.

File Format

Description	Type	Optional / Mandatory	XML Tag	Rule	Example
Header record type	Char (3)	M	<RowType>		HDR
File type	Char (5)	M	<FileType>	Installation Status Change	STCHG
Sender	Char (4)	M	<Sender>	Party code of sender	CTCT
Recipient	Char (4)	M	<Recipient>	Party code of recipient	UNLG
Report run date	DD/MM/YYYY	M	<RunDate>	Date the report is run	01/04/2010
Report run time	HH:MM:SS	M	<RunTime>	Time the report is run	12:32:02
Unique identifier	Char (12)	M	<Identifier>		47980981234
Number of detail records	Int (8)	M	<RecordCount>	Total number of records in report	2

Description	Type	Optional / Mandatory	XML Tag	Rule	Example
Detail record type	Char (3)	M	<RecordType>		DET
ICP Identifier	Char (15)	M	<ICP>	ICP 15 character unique identifier	0123456789XXCC
Status Change Code	Char (3)	M	<StatusCode>	See table below	GVC
Status Change Date	DD/MM/YYYY	M	<StatusDate>	Date of change of installation status	15/03/2010
Status Change Time	HH:MM	M	<StatusTime>	Time of change of installation status	09:03
Sender ID reference number	Char (15)	M	<ReferenceID>	Retailer Reference Number	23645

Example: HDR, STCHG, CTCT, UNLG, 01/04/2010, 12:32:02, 47980981234, 2
 DET, 0123456789XXCCC, GVC, 15/03/2010, 09:03, 23645
 DET, 0246810121XXCCC, GVM, 20/03/2010, 16:30, 23645