

CODE MODIFICATION PROPOSAL No 0180V
Replacement of file formats contained within Annex A Part 7 of the LDZ CSEP NExA
Version 1.0

Date: 15/11/2007

Proposed Implementation Date: 1st January 2008

Urgency: Non Urgent

1 The Modification Proposal

a) Nature and Purpose of this Proposal

Independent Gas Transporters (IGTs) are responsible under Annex A of the LDZ CSEP Network Exit Agreement (NExA) for passing Supply Point related data to Distribution Network Operators. The electronic file formats pertinent to this activity are contained within Annex A Part 7 of the LDZ CSEP NExA.

The file formats contained within the current version of the NExA do not reflect those in use by iGTs and DNOs and are also incomplete as only Annual Quantity (AQ) update formats are detailed.

It is therefore proposed that the entire contents of Annex A Part 7 are removed and replaced with the detail contained within Appendix 1 of this Modification Proposal.

b) Justification for Urgency and recommendation on the procedure and timetable to be followed (if applicable)

This Modification Proposal is requested to follow non-urgent procedures.

c) Recommendation on whether this Proposal should proceed to the review procedures, the Development Phase, the Consultation Phase or be referred to a Workstream for discussion.

The requirement to ensure that the file formats pertaining to the CSEP NExA be updated has been widely discussed within the Ofgem facilitated group looking at issues associated with the CSEP NExA. It is therefore requested that this Modification Proposal be permitted to 'proceed to consultation'.

2 Extent to which implementation of this Modification Proposal would better facilitate the achievement (for the purposes of each Transporter's Licence) of the Relevant Objectives

The prompt, accurate and timely transfer of data between iGTs and DNOs is essential to ensure compliance with the provisions contained within Annex A of the LDZ CSEP NExA. Furthermore, the passing of data directly impacts on the efficient operation of the UNC by DNOs, particularly concerning the levying by DNOs of accurate transportation invoices to Users. It is therefore essential that the

prevailing electronic file formats are reflected within the LDZ CSEP NExA.

Implementation of this Modification Proposal can therefore be expected to facilitate Standard Special Condition A11.1 (f) of the GT Licence: so far as is consistent with subparagraphs (a) to (e), the promotion of efficiency in the implementation and administration of the network code and/or the uniform network code.

3 The implications of implementing this Modification Proposal on security of supply, operation of the Total System and industry fragmentation

No implications have been identified.

4 The implications for Transporters and each Transporter of implementing this Modification Proposal, including:

a) The implications for operation of the System:

No implications have been identified.

b) The development and capital cost and operating cost implications:

No implications have been identified.

c) Whether it is appropriate to recover all or any of the costs and, if so, a proposal for the most appropriate way for these costs to be recovered:

No specific proposal for cost recovery is necessary.

d) The consequence (if any) on the level of contractual risk of each Transporter under the Uniform Network Code of the Individual Network Codes proposed to be modified by this Modification Proposal

Implementation of this Modification Proposal would eliminate redundant file formats from the LDZ CSEP NExA thereby eliminating an issue of de-facto 'non compliance'.

5 The extent to which the implementation is required to enable each Transporter to facilitate compliance with a safety notice from the Health and Safety Executive pursuant to Standard Condition A11 (14) (Transporters Only)

Implementation is not required to facilitate such compliance.

6 The development implications and other implications for the UK Link System of the Transporter, related computer systems of each Transporter and related computer systems of Users

No such implications have been identified.

7 The implications for Users of implementing the Modification Proposal, including:

a) The administrative and operational implications (including impact upon manual processes and procedures)

Given that the subject matter concerns inter-transporter communications, no implications for Users have been identified.

b) The development and capital cost and operating cost implications

No such costs have been identified.

c) The consequence (if any) on the level of contractual risk of Users under the Uniform Network Code of the Individual Network Codes proposed to be modified by this Modification Proposal

No such consequences have been identified.

8 The implications of the implementation for other relevant persons (including, but without limitation, Users, Connected System Operators, Consumers, Terminal Operators, Storage Operators, Suppliers and producers and, to the extent not so otherwise addressed, any Non-Code Party)

Connected Systems Operators (CSOs) would be bound under Annex A part 7 of the CSEP NExA to ensure compliance with the electronic file formats.

9 Consequences on the legislative and regulatory obligations and contractual relationships of the Transporters

No such consequences have been identified.

10 Analysis of any advantages or disadvantages of implementation of the Modification Proposal not otherwise identified in paragraphs 2 to 9 above

Advantages

- File formats currently in use by DNOs and CSOs would be reflected within the LDZ CSEP NExA.
- Ensures that the complete range of file formats in use by DNOs and CSOs pertinent to LDZ CSEPs are contained within the LDZ CSEP NExA.
- Redundant file formats contained within Part 7 would be removed.
- Removes de facto non-compliance with existing contractual terms.

Disadvantages

No disadvantages have been identified.

11 Summary of representations received as a result of consultation by the Proposer (to the extent that the import of those representations are not reflected elsewhere in this Proposal)

Not applicable.

12 Detail of all other representations received and considered by the Proposer

Not applicable.

13 Any other matter the Proposer considers needs to be addressed

No other matter has been identified.

14 Recommendations on the time scale for the implementation of the whole or any part of this Modification Proposal

This Modification Proposal can be implemented with immediate effect.

15 Comments on Suggested Text

Not applicable.

16 Suggested Text

Proposed file formats are attached under Appendix 1 of this Modification Proposal.

Code Concerned, sections and paragraphs

Uniform Network Code

Transportation Principal Document

Section(s) LDZ CSEP NExA Annex A Part 7 (to be modified under TPD Section J6.4.1)

Proposer's Representative

Chris Warner, National Grid Distribution

Proposer

Chris Warner, National Grid Distribution

Appendix 1

NDM CSEP iGT File Format

Contains 4 different record types: -

Level	Record Name	Occurrences	Optionality
1	A00_STANDARD_HEADER	1	M
2	CSEP_DETAILS	Upto 10000?	M
2	Z90_RESPONSE_RECORD	1	M
1	Z99_STANDARD_TRAILER	1	M

Note 1:

OPT - Optional, Mandatory

DOM - Domain i.e. Text.

Numeric

Date

M Timestamp

DEC - Number of decimal places

HD_A00_STANDARD_HEADER

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : A00
ORGANISATION_ID	M	N	10	0	A Reference which uniquely identifies an iGT.
FILE_TYPE	M	T	3	0	An application specific code used to identify the structure and the usage of the file. DOM - Domestic IAC - Industrial & Commercial CLO - Closure
CREATION_DATE	M	D	8	0	The date on which the file was generated. FORMAT:CCYYMMDD
CREATION_TIME	M	M	6	0	The time at which the file was generated (within the creation date) FORMAT: HHMMSS
GENERATION_NUMBER	M	N	6	0	A sequence number which represents an issue of a file from the iGT.

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CSEP_DETAILS_D01

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : D01
REQUEST_REFERENCE	M	T	20	0	iGT reference that uniquely identifies the request for the iGT use.
OUTCOME_CODE	O	T	2	0	This would be populated on the response file. Values: AC – Accepted RJ - Rejected
REJECTION_REASON	O	T	8	0	Relevant code from the Rejection table.
LOGICAL_METER_NUMBER	O	T	10	0	Unique reference allocated by xoserve
SHIPPER_SHORT_CODE	M	T	3	0	The 3 code identifier for the CSEP User
SITE_NAME	M	T	10	0	The name given to the CSEP Project (number)
END_USER_CATEGORY	M	T	12	0	The EUC for the given Logical Meter Number
LOGICAL_METER_AQ	M	N	13	0	The nominated Annual Quantity for the Logical Meter Number
SUPPLY_POINT_COUNT	M	N	6	0	Number of Individual System Exit Points
EFFECTIVE_START_DATE	O	D	8	0	The Date the new record will be effective from. Value is CCYYMMDD
DEEMED_START_DATE	M	D	8	0	The Date the new record should have been live from. Value is CCYYMMDD
UPDATE_REASON	O	T	5	0	Update Reason Code
UPDATE_COMMENT	O	T	50	0	Additional Comments

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CSEP_DETAILS_D02

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : D02
REQUEST_REFERENCE	M	T	20	0	iGT reference that uniquely identifies the request for the iGT use.
OUTCOME_CODE	O	T	2	0	This would be populated on the response file. Values: AC – Accepted RJ - Rejected
REJECTION_REASON	O	T	8	0	Relevant code from the Rejection table.
LOGICAL_METER_NUMBER	M	T	10	0	Unique reference allocated by xoserve
SHIPPER_SHORT_CODE	M	T	3	0	The 3 code identifier for the CSEP User
SITE_NAME	M	T	10	0	The name given to the CSEP Project (project name/number)
END_USER_CATEGORY	M	T	12	0	The EUC for the given Logical Meter Number
LOGICAL_METER_AQ	M	N	13	0	The nominated Annual Quantity for the Logical Meter Number
SUPPLY_POINT_COUNT	M	N	6	0	Number of Individual System Exit Points
EFFECTIVE_CHANGE_DATE	O	D	8	0	The Date the update will be effective from Value is CCYYMMDD
DEEMED_CHANGE_DATE	M	D	8	0	The Date the update should have been effective from. Value is CCYYMMDD
UPDATE_REASON	O	T	5	0	Update Reason Code
UPDATE_COMMENT	O	T	50	0	Additional Comments

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CSEP_DETAILS_D03

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : D03
REQUEST_REFERENCE	M	T	20	0	iGT reference that uniquely identifies the request for the iGT use.
OUTCOME_CODE	O	T	2	0	This would be populated on the response file. Values: AC – Accepted RJ - Rejected
REJECTION_REASON	M	T	8	0	Relevant code from the Rejection table.
LOGICAL_METER_NUMBER	M	T	10	0	Unique reference allocated by xoserve
SHIPPER_SHORT_CODE	M	T	3	0	The 3 code identifier for the CSEP User
SITE_NAME	M	T	10	0	The name given to the CSEP Project
END_USER_CATEGORY	M	T	12	0	The EUC for the given Logical Meter Number
LOGICAL_METER_AQ	M	N	13	0	The nominated Annual Quantity for the Logical Meter Number
SUPPLY_POINT_COUNT	M	N	6	0	Number of Individual System Exit Points
EFFECTIVE_START_DATE	O	D	8	0	The date the Logical Meter number closure will be effective from . Value is CCYYMMDD
DEEMED_START_DATE	M	D	8	0	The date the closure should have been effective from. Value is CCYYMMDD
UPDATE_REASON	O	T	5	0	Update Reason Code
UPDATE_COMMENT	O	T	50	0	Additional Comments

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**AI_I_GT_I_AND_C_CSEP_REC
RT_J82_REC_IMPORT_FILE**

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this code represents. VALUE: J82
GT_DATE	M	D	8	0	Creation date of the file. This should be the same for all records within the file. Format: YYYYMMDD
GT_FILE_ID	M	T	18	0	GT unique file reference ID. This should be the same for all records within the file. Format as per UK LINK interface register guidelines. E.g. xxx01.PN000000.CRI. xxx being the GT shortcode.
GT_SHORT_CODE	M	T	3	0	A unique three character shortcode used to identify the IGT.
CSEP_NAME	M	T	30	0	The CSEP site name. The first line of the address of a CSEP.
CSEP_POST_CODE	M	T	8	0	The CSEP postcode.
LOGICAL_METER_NUMBER	M	T	10	0	The logical meter number for the period.
EUC	M	T	12	0	An alphanumeric identifier for the End User Category attached to the Logical Meter Number.
SHIPPER_SHORT_CODE	M	T	3	0	A unique three character name used to identify the Shipper supplying gas to the LMN during the Reconciliation period.
CORRECTED_METRIC_VOLUME	M	N	10	0	The total corrected metric volume for the Reconciliation period.
READ_START_DATE	M	D	8	0	This holds the start date of the Reconciliation period. Format: YYYYMMDD.
READ_END_DATE	M	D	8	0	This holds the end date of the Reconciliation period. Format: YYYYMMDD.
READ_FREQUENCY	M	T	1	0	The frequency that the meter is read; Monthly (M) 6 Monthly (6) Annually (A).
RE_RECONCILIATION	M	T	1	0	To indicate whether the record is a re-reconciliation. Y or N
GT_COMMENTS	O	T	255	0	Any comments from the GT.

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TR_Z90_RESPONSE_RECORD

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : Z90
VALID_RECORD_COUNT	O	N	10	0	Count of Records Valid. This would be populated on the response file.
REJECTED_RECORD_COUNT	O	N	10	0	Count of Rejected Records. This would be populated on the response file.

TR_Z99_STANDARD_TRAILER

<u>RECORD/FIELD NAME</u>	<u>OPT</u>	<u>DOM</u>	<u>LNG</u>	<u>DEC</u>	<u>DESCRIPTION</u>
TRANSACTION_TYPE	M	T	3	0	A code identifying the type of request that this record represents. VALUE : Z99
RECORD_COUNT	M	N	10	0	The number of detail records contained within the file. This should not include the standard header and the standard trailer but should include any file specific headers if specified for this file ie: only A00 and Z99 records excluded.

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Rejection and AQ Update Codes

<u>Rejection Code</u>	<u>Description</u>
AQ000001	AQ is zero
AQ000002	Average AQ is outside EUC AQ Band
AQ000003	No change to Supply Point Count or AQ
AQ000004	Maximum CSEP AQ is exceeded
AQ000005	AQ reduction without valid update reason
CSP00001	CSEP does not exist
LMP00001	EUC incorrect for LMN
LMP00002	CSEP incorrect for LMN
LMP00003	LMN is not live
LMP00004	LMN will not be live
LMP00005	Multiple update for same LMN
LMP00006	A live or pending meter is present
LMP00007	LMN does not exist
INV00001	Invalid record format
INV00002	Invalid file format
INV00003	Mandatory field missing
INV00004	Incorrect deemed date format
SHP00001	Shipper does not exist
SHP00002	Shipper does not own LMN
SPO00001	Supply point count is zero

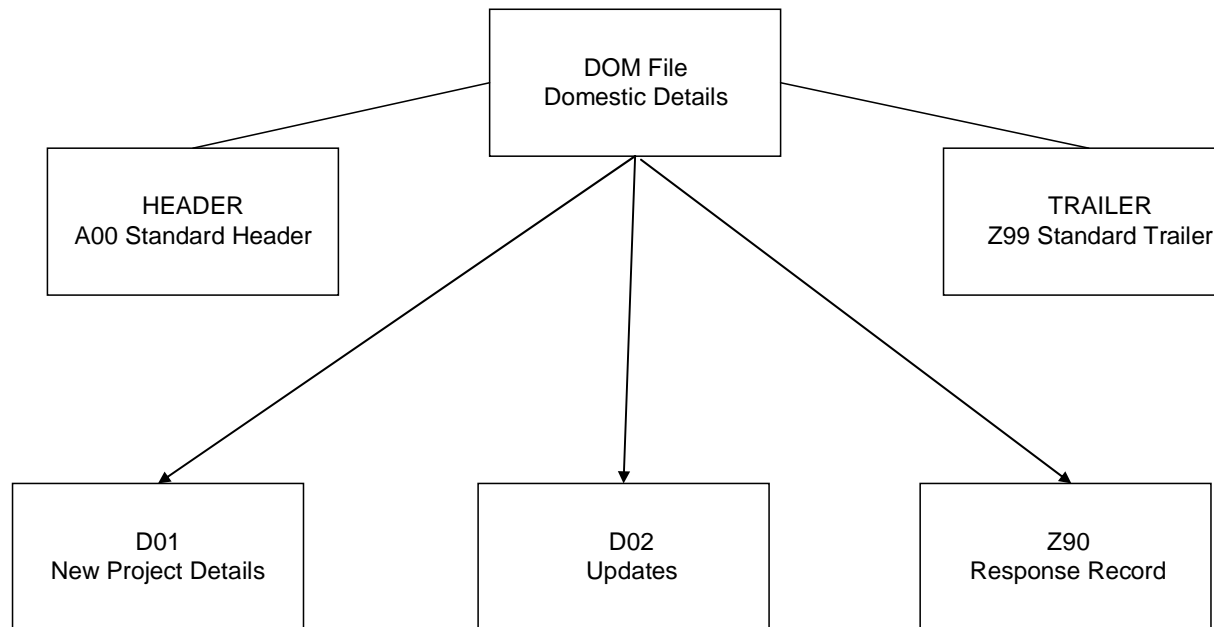
<u>AQ Update Code</u>	<u>Description</u>
UPD01	AQ reduction due to change in house type
UPD02	AQ reduction due to meters removed
UPD03	AQ reduction due to Shipper transfer
UPD04	AQ reduction due to project change
UPD05	AQ reduction due to review

AQ update codes are needed to avoid rejection AQ000005.

The following can be included in D03 closures:

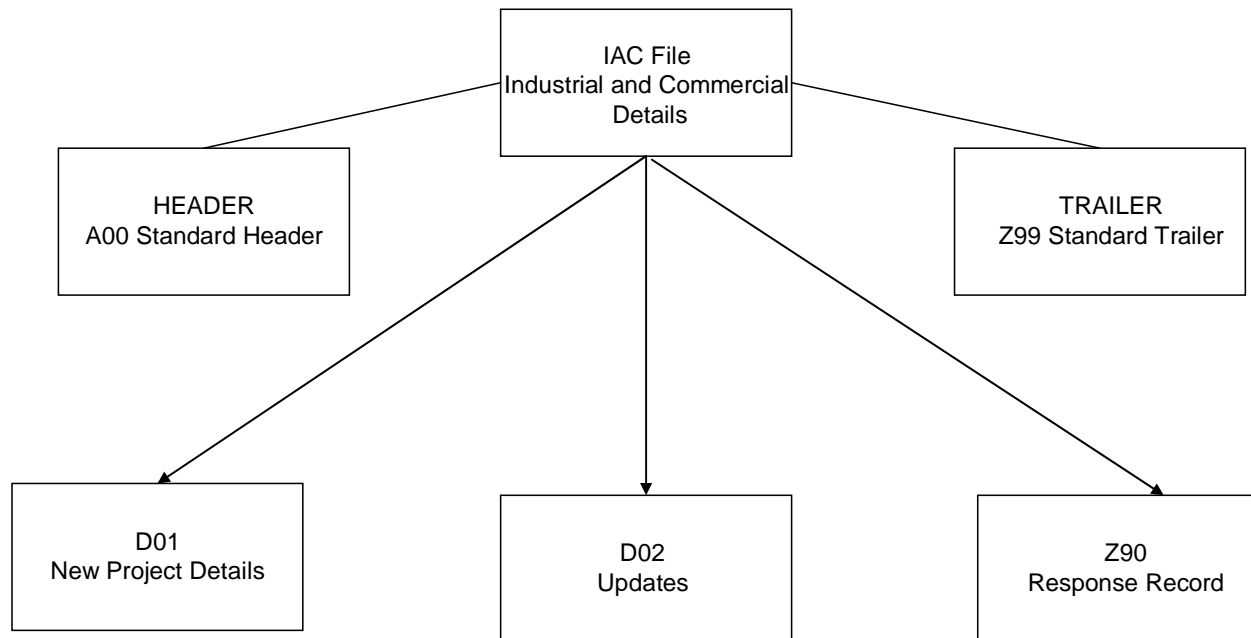
- CLO01 – Shipper no longer live
- CLO02 – Project no longer flowing Gas

From iGT to Transporter



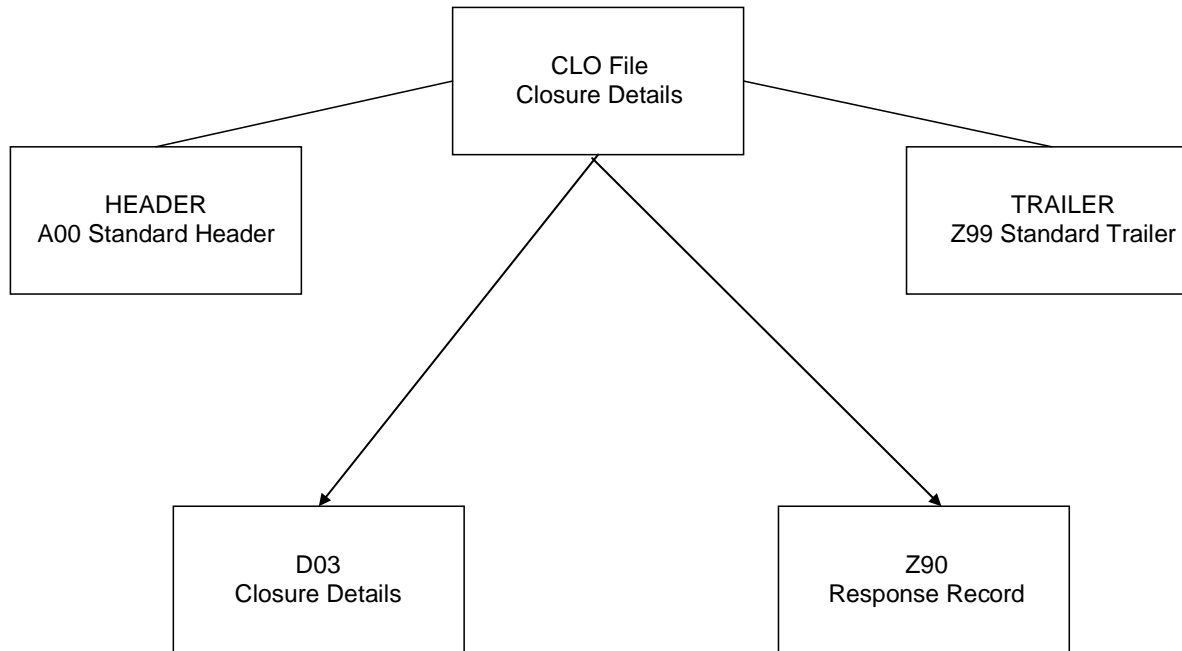
From iGT to Transporter

From Transporter to iGT when sent as
response to iGT file

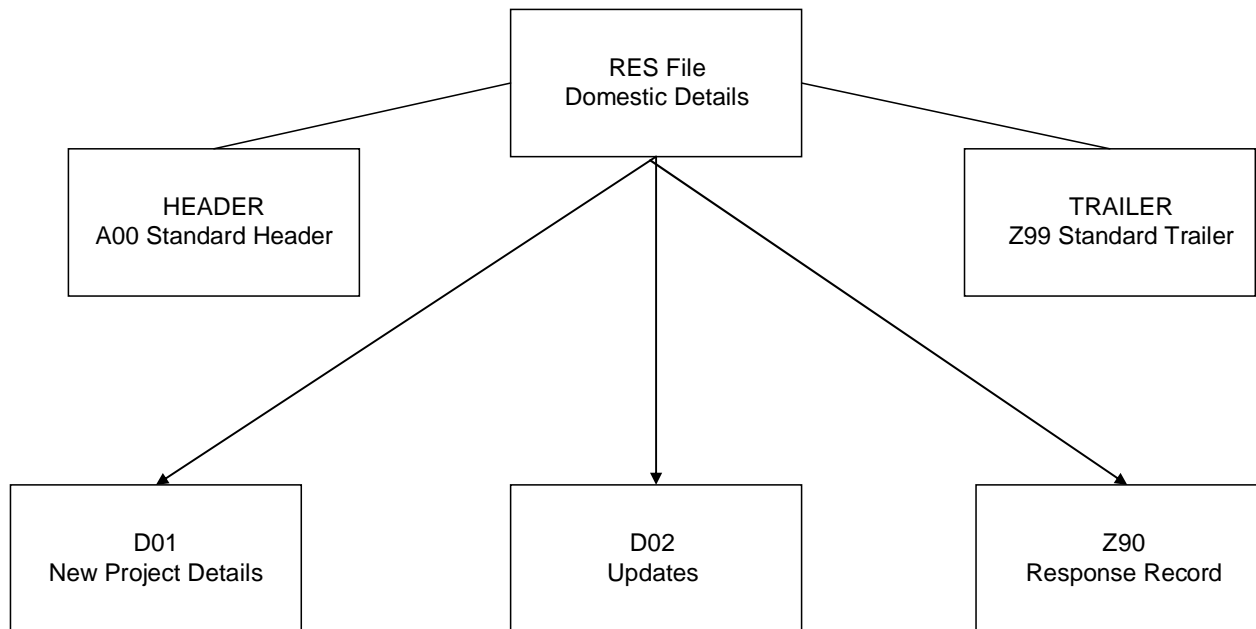


From iGT to Transporter

From Transporter to iGT when sent as
response to iGT file



From Transporter to iGT –
sent as response to DOM
file



From iGT to Transporter

