

# ~~I~~IGT ~~RPC~~ Transportation Charges Invoice Template Document

An ancillary document to the ~~I~~IGT UNC

Version 1.3~~X~~4

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## Change History

Version	Change	Date
0.1	Draft	April 2013
0.2	Inclusion of Smart Data	April 2013
1.0	iGT UNC Implementation	June 2013
1.1	Align with iGT039 and IGT076	June 2017
1.2	Changes for IGT102	November 2018
1.X	Draft for Mod IGTXXX112	XXX-201X[June2019]

## Document Overview

This ~~a~~Ancillary ~~d~~Document was created by Modification Proposal ~~I~~IGT043VV which was raised to consolidate and standardise the Gas Transportation invoices whilst improving the transparency of the charge items.

IGT112V further evolved this document to make it generic to cover both legacy and Relative Price Control (RPC) charges, the charge types were already introduced as part of IGT043VV but the business rules did not allow for them. RPC is a mechanism overseen by ~~Ofgem~~the Authority which requires IGT charges to be capped for all new customers at a level broadly consistent with the GDN equivalent charge. The use of RPC is set out in Special Condition 1 of the Independent Gas Transporters' Licences.

The document covers ~~three~~these broad areas:

- Legacy charge types (B10)
- RPC charge types (B12)
- Adjustment charge types (B11 for legacy and B13 for RPC)
- Contingency invoice charge types (B14 for contingency charge and B15 for contingency adjustment)
- ~~I&C invoice backing data;~~
- ~~RPC backing data template; and~~

~~RPC backing data format;~~

Any formatting or compliance issues identified relating to the IGT- Transportation Charges Invoice Template should be notified to the Pipeline Operator by the Pipeline User using the Standards of Service process.

If a Pipeline Operator invoice contact is required the Pipeline User can liaise with the IGT UNC Secretariat or the Pipeline Operator directly to obtain the information.

## **NOTES:**

### **Note 1:**

Throughout the record / field descriptions, the Pipeline Operator will be referred to as the IGT.

### **Note 2:**

Data completion will for the record / fields within this document will utilise the following values only:

OPT - Mandatory/Conditional/Optional (M - Mandatory, C - Conditional O - Optional)

DOM - Domain (T - Text, N - Numeric, D - Date (YYYYMMDD))

LNG - Number of characters

DEC - Number of decimal places

### **Note 3:**

All text fields will be enclosed in double quotes ("").

### **Note 4:**

The IGT Transportation Invoice Charges Template will utilise the following hierarchy:

<u>Level</u>	<u>Record Name</u>	<u>Occurrence</u>	<u>Optionality</u>
<u>1</u>	<u>T01 IGT INV HEADER</u>	<u>1</u>	<u>M</u>
<u>1</u>	<u>B1X* IGT CHARGE TYPE</u>	<u>Up to 1000000</u>	<u>M</u>
<u>1</u>	<u>Z99 IGT INV TRAILER</u>	<u>1</u>	<u>M</u>

\*B1X relates to the individual charge types outlined in CHARGE TYPE

### **Note 5:**

Each Invoice Document will have only one IGT Transportation Invoice Charges Template file submitted to support it.

### **Note 6:**

Where the RPC methodology applies all RPC records / fields which have been categorised with optionality of C - Conditional become M - Mandatory and must be completed.

## iGT RPC Invoice Template

1	2	3	4	5	6	7
Charge Type	CSEP Number	MPRN	Start Date (for charges in month)	End Date (for charges in month)	Billing Days in Invoice Period	Exit Zone
M	M	M	M	M	M	M

8	9	10	11	12	13	14
Property Type	RPC Entry Point Date	EUC	AQ agreed by Authority at time of entry RPC (kWh)	SOQ agreed at time of RPC Entry	Current Supply Point AQ in kWh	CSEP ID
M	M	M	M	M	M	M

15	16	17	18		19	20
Xoserve Nominated Maximum CSEP AQ (Provided by Lead iGT with Nest)	iGT CSEP Maximum AQ in kWh	iGT CSEP billing AQ	iGT CSEP billing SOQ		MSN	RPC Infill Uplift charge applicable pence per kWh/pence per day
M	M	M	M		£	£

22	23	24	25	26	27
LSP Customer Corrector charge	Meter Type	Transportation Charge for Billing Period £	Transportation Rate at time of RPC Entry	Total Charge for Billing Period	General Information
£	£	M	M	M	O

## IGT Transportation Charges Invoice Backing Data Format and Completion Rules

### T01 IGT INV HEADER

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION	Technical WG Discussion Points	Technical WG Meeting Recommendations
TRANSACTION_TYPE	M	I	3	0	Populate with the a code identifying the type of request that this record represents VALUE: T01	Does the proposed wording clearly articulate what is required?	It will work as drafted
IGT_ID	M	I	3	0	Populate with the reference which uniquely identifies an IGT, as defined within the Supply Point Administrative Agreement (SPAA) Market Domain Data (MDD)	Does the proposed wording clearly articulate what is required?	It will work as drafted
SHIPPER_ID	M	I	3	0	Populate with a reference which uniquely identifies a Pipeline User, as defined within the Supply Point Administrative Agreement (SPAA) Market Domain Data (MDD)	Does the proposed wording clearly articulate what is required?	It will work as drafted
CREATION_DATE	M	D	8	0	Populate with date format YYYYMMDD	Does the proposed wording clearly articulate what is required?	It will work – but recommend YYYYMMDD
INVOICE_NUMBER	M	I	20	0	Populate with a unique number by which the Invoice Document can be identified	Does the proposed wording clearly articulate what is required?	It will work as drafted

Example: "T01","TIT","TIT",YYYYMMDD,"TTTTTTTTTTTTTTTTTTTT"

### B1X\* IGT CHARGE TYPE

\*B1X relates to the individual Charge Types outlined in CHARGE\_TYPE

Field NRECORD/FIELD NAMEumber	OPTption	DOMField	LNGength	DDECecimal	Description	DESCRIPTION	Technical WG Discussion Points	Technical WG Meeting Recommendations
Header	M	C	30	0	-	SPAA fFormatted Short Codes for IGT and Shipper date in format DD/MM/YYYY and Invoice number format Ccharacter eeeeeeece	Should the header section be introduced and does the proposed section deliver accurately?	Yes, separate it out and remove this row
Footer	M	C	18	2	-	Number of records and invoice yValue, thousands to be delimited by comma	Should the footer section be introduced and does the proposed section deliver accurately?	Yes, separate it out and remove this row
CHARGE_TYPE4	M	T	3	0	Charge fType	Populate with the The following allowable value which relates to the Supply Meter Points	Does the proposed wording clearly	It will work as drafted

						<p>charging methodology or the relevant contingency/adjustment allowable values; will be populated for Charge Type.</p> <p>B10 – Legacy Charge B11 – Legacy adjustment. B12 – RPC Charge B13 – RPC Adjustment B14 – Contingency Charge B15 – Contingency Adjustment</p> <p>Where the B14 or B15 Charge Type has been populated, the GENERAL INFORMATION field will also be present.</p>	<p>articulate what is required? The wording has been taken from IGT102 – implementation of Nov 2018 rather than the current RPC document.</p>	
IGT PROJECT REFERENCE2	M	T	2015	0	CSEP Number	<p>Populate with a unique reference allocated by the IGT which identifies the CSEP project. IGT's Unique Project Reference Numbers</p>	<p>Does the proposed wording clearly articulate what is required? Does the group agree it aligns with the UK Link requirements?</p>	It will work as drafted
METER POINT REFERENCE3	M	N	10	0	MPRN	<p>Populate with a unique identifier for the point at which a meter is, has been or will be connected to the gas network. Meter Point Reference No.</p>	<p>Does the proposed wording clearly articulate what is required?</p>	Aligned to CDSP field name and description
START DATE4	M	D	408	0	Start Date (for charges in month)	<p>Populate with Date Format DD/MM/YYYYMMDD. For B10, B12 or B14 it is the start date of the charges within a Billing Period. For B11, B13 or B15 it is the start date of the adjustment period.</p>	<p>Does the proposed wording clearly articulate what is required? Is Billing Period the best defined term to use?</p>	Added in B14 and B15 into the text – happy this will work Charged format to YYYYMMDD
END DATE5	M	D	408	0	End Date (for charges in month)	<p>Populate with date format YYYYMMDD. Date Format DD/MM/YYYY For B10, B12 or B14 it is the end date of the charges within a Billing Period. For B11, B13 or B15 it is the end date of the adjustment period.</p>	<p>Does the proposed wording clearly articulate what is required? Is Billing Period the best defined term to use?</p>	Added in B14 and B15 into the text – happy this will work Charged format to YYYYMMDD
BILLING DAYS6	M	N	3	0	Billing days in invoice period	<p>Populate with the Number of billing days. For B10, B12 or B14, it is the period in line with the START DATE and END DATE for the Billing Period. For B11, B13 or B15 in the period it is the total for the adjustment period between the START DATE and END DATE for the Billing Period.</p>	<p>Does the proposed wording clearly articulate what is required? Is Billing Period the best defined term to use?</p>	Added in B15 into the text – happy this will work
CSEP EXIT ZONE IDENTIFIER7	M	T	3	0	Exit Zone	<p>Populate with a unique reference for the Exit Zone associated with the Connection System Exit Point (CSEP) to the larger GT network. Exit Zone or Local Distribution Zone if available</p>	<p>Should this be one or the other? Does the group have a preference?</p>	Aligned to CDSP field name and description



PROPERTY TYPE8	M	T	3	0	Property tType	Where the Supply Meter Point is Domestic Property-type-as perpopulate using the NEXA table values, at entry point to RPC. Where the Supply Meter Point is CommercialNon-Domestic Supply Points populate as "COM". Where the Supply Meter Point is infill populate with "INF".	Does the proposed wording clearly articulate what is required? Is Commercial Supply Point the correct term? What about INF and DCV which are also allowable data items?	Adding in INF – for infill. DCV is for caravans and it would be better mapped to 1BP – not added.
RPC ENTRY POINT DATE9	CM	D	408	0	RPC—Entry Point-Date	Populate with date format YYYYMMDD. Populate with the date it entered the RPC regime. Where it is legacy leave as null/blank.Connection-date-of-live-service-to-a premise formatted DD/MM/YYYY.	Does the proposed wording clearly articulate what is required? Should this be connection date or a defined term?	Making Conditional to accommodate legacy and updated description. Charged format to YYYYMMDD
EUC DESCRIPTION40	M	T	12	0	EUC	Populate with the acronym for the makeup of an End User Category (EUC). EUC's categorise end users in terms of their LDZ, AQ lower limit, AQ upper limit, meter read frequency, BGIC code, winter start, and end month and the ratio of upper and lower limit. For example: EUC01BEnd-User-Category	Does the proposed wording clearly articulate what is required? Does there need to be a WAR band example? Does the naming align to the CDSP naming?	Aligned to CDSP field name and description
RPC ENTRY POINT AQ11	CM	N	12	0	AQ—agreed-by Authority—at time-of-entry-to RPC (kWh)	Populate where it has entered the RPC regime with the AQ in accordance with NEXA table at time of RPC eEntry. Where it is legacy leave as null/blank.	Does the proposed wording clearly articulate what is required? Is there a common CDSP term to use other than the suggested item name?	Making Conditional to accommodate legacy and updated description.
RPC ENTRY POINT SOQ42	CM	N	10	0	SOQ—agreed at time of RPC entry	Populate where it has entered the RPC regime with the SOQ derived from CSEP NEXA AQ at time of RPC eEntry. Where it is legacy leave as null/blank.	Does the proposed wording clearly articulate what is required? Is there a common CDSP term to use other than the suggested item name?	Making Conditional to accommodate legacy and updated description.
IGT BILLING AQ43	M	N	12	0	Current Supply—Point AQ in kWh	Where Class 1 and Class 2 Supply Meter Points the SMP AQ is populated. Where Class 3 and Class 4 Supply Meter Points the formula year AQ is populated. Current AQ Review AQ nominated to xoserve	Does the proposed wording clearly articulate what is required? Does the naming align to the common CDSP naming	**suggestion based on TWG discussions** Original Meter Point AQ given to the CDSP – it is held in UK Link

<u>CSEP_ID</u> 14	M	T	8	0	<u>CSEP_ID</u>	Populate with the unique identifier for the Connected System Exit Point (CSEP) - as nominated by the CDSP. <del>CSEP_ID</del> <del>nNominated by</del> <del>reserve</del>	Does the proposed wording clearly articulate what is required? Does this naming align to the common CDSP naming?	Aligned to CDSP field name and description	
<u>CSEP NOMINATED AQ</u> 15	M	N	12	0	<del>reserve</del> <del>nNominated</del> <del>mMaximum</del> <del>CSEP</del> <del>AQ</del> (Provided by Lead-IGT with Nest)	Populate with the Maximum AQ Value held by the CDSP. <del>reserve</del> taking into account the aggregated sum of all nested CSEPs. If <del>i</del> IGT is Nesting – value is 0. If <del>i</del> IGT is Lead – aggregated AQ Value. If no nest exists – value is <del>i</del> IGT CSEP Maximum AQ in kWh.	Does the proposed wording clearly articulate what is required? Does this naming align to the common CDSP naming?	Leaving as proposed – it isn't currently used by most and will likely be a duplicate of CSEP CONNECTION_MAX_AQ	
<u>CSEP CONNECTION_MAX_AQ</u> 16	M	N	12	0	<del>IGT</del> <del>CSEP</del> <del>mMaximum</del> <del>AQ in kWh</del>	Populate with the total projected maximum annual offtake (AQ) of gas (measured in kWh) of all Supply Meter Points associated with this CSEP's connection to the upstream network. <del>i</del> IGT CSEP <del>mMaximum</del> AQ in kWh as quoted in Schedule 4.	Does the proposed wording clearly articulate what is required? Does this naming align to the common CDSP naming?	It'll work – leave as drafted	
<u>IGT_SYSTEM_MAX_AQ</u> 17	M	N	12	0	<del>IGT</del> <del>CSEP</del> <del>billing</del> <del>AQ</del>	Populate the total projected maximum annual offtake (AQ) of gas (measured in kWh) of all Supply Meter Points associated with this connected system. <del>AQ</del> used to derive transportation rate at time of RPC Entry	Does the proposed wording clearly articulate what is required? Does this naming align to the common CDSP naming?	It'll work – leave as drafted	
<u>IGT_SYSTEM_MAX_SOQ</u> 18	M	N	12	0	<del>IGT</del> <del>CSEP</del> <del>billing</del> <del>SOQ</del>	Populate with the total projected supply offtake quantity (SOQ) of gas (measured in kWh) of all Supply Meter Points associated with this connected system. <del>SOQ</del> used to derive transportation rate at time of RPC entry	Does the proposed wording clearly articulate what is required? Does this naming align to the common CDSP naming?	It'll work – leave as drafted	
<u>METER_SERIAL_NUMBER</u> 19	C	T	16	14	0	<del>MSN</del>	Should be <del>p</del> Populate with the manufacturers meter serial number where the IGT is the opulated if <del>i</del> IGT is Gas Act Owner of meter or where the meter serial number is known.	Does the proposed wording clearly articulate what is required? Does this naming align to the common CDSP naming?	CDSP has 14 as standard – aligned Wording slightly changed
<u>IGT INFILL CHARGE_RATE</u> 20	C	N	20	4	<del>RPC</del> <del>Infll</del> <del>Uplift</del> <del>charge</del> <del>applicable</del> <del>pence</del> <del>per</del> <del>kWh/pence</del> <del>per day</del>	Populate with the monetary rate that is applicable to the Supply Meter Point for IGT infill charges provided where the Charge Type is B10. Uplift maximum should not be <del>charged</del> greater than 10/ptherm or 0.3412 <del>per</del> kWh at time of RPC, plus RPI. <u>Rate demonstrated in pence.</u>	Does the proposed wording clearly articulate what is required? Is the condition clear enough?	Changed field name by dropping RPC and made a rate not a charge. ESP suggested wording has been incorporated where appropriate from the ICT file – it referred to I rather than B10 – 'I' is in the portfolio not the invoice template. Added un clarification of pence	
<u>METER_OPERATOR_RATE</u> 21	C	N	20	4	<del>Meter</del> <del>Operator</del>	Populated where the IGT is the Gas Act Owner with a <del>m</del> Meter charge per pence per day. <del>rate</del>	Does the proposed wording clearly	Changed name of the field and made a rate	

					Charges — pence per day	Rate demonstrated in pence.	articulate what is required?	ESP sending wording Added un clarification of pence
CONVERTER_RATE22	C	N	20	4	LSP-customer corrector charge	Populated where there IGT is the Gas Act Owner and there is a Meter—asset convertercorrector on site —charged pence /day. Rate demonstrated in pence.	Does the proposed wording clearly articulate what is required?	Changed name to add rate Added un clarification of pence
METER_MECHANISM23	C	T	2	0	Meter-Type	Where the METER SERIAL NUMBER is populated, populate in accordance with the Retail Gas Metering Arrangements (RGMA) A0086 in SPAA Market Domain Data (MDD). CM—Coin Meter; CR—Credit; ET—Electronic Token Meter; MT—Mechanical Token Meter; PP—Prepayment; TH—Thrift; U—Unknown; NS —Non-SMETS; S1—SMETS1; S2—SMETS2; S3 —SMETS3; S4—SMETS4; S5—SMETS5; S6— SMETS6; S7—SMETS7; S8—SMETS8; S9— SMETS9;	Does the proposed wording clearly articulate what is required? Does the group support the use of the A0086 for consistency? If no what should be used instead?	It'll work but quote it RGMA data item value only — remove the listed examples
TRANSPORTATION_RATE24	M	N	20	4	Transportation Charge — for Billing —Period £	Populate with the transportation rate for the billing/adjustment period. Should exclude RPC uplift cCost. for Column 21—METER_OPERATOR_RATE and meter charge-Column 22CORRECTOR RATE. Rate demonstrated in pence.	Does the proposed wording clearly articulate what is required?	Changed decimal to .2 not .4 Clarification that it needs to be £ rather than pence Since the TWG the proposers have decided to class this as a rate
RPC_ENTRY_RATE25	CM	N	20	4	Transportation Rate-at-time of RPC-entry	Populate where it has entered the RPC regime with the transportation rate at time of RPC entry. Transportation rate before annual adjustment. Rate demonstrated in pence. Where it is legacy leave as null/blank.	Does the proposed wording clearly articulate what is required?	Make conditional for RPC Added un clarification of pence
TOTAL_CHARGE26	M	N	20	2	Total Charge for —Billing Period	Populate the total charge Eexclusive of VAT for the period specified between the START_DATE and END_DATE. Charge demonstrated in pounds (£) rather than pence.	Does the proposed wording clearly articulate what is required?	Clarification that it needs to be £ rather than pence
GENERAL_INFORMATION27	CO	T	50	0	General Information	Where Free-text field for general comments: a. If a—Contingency Invoice has been submittedgenerated, the Pipeline-OperatorIGT must ensure that the General InformationGENERAL INFORMATION field includes: 1. The invoice numberterm 'Con-Inv' to signify it is that the a Contingency Invoice is based on. 2. The invoice number the Contingency Invoice relates to. 3. The tax point date of the invoice that the Contingency Invoice relates to-is based on. Example: Con-Inv XXXXXXXXXXXXXXXXXXXX YYYYMMDD	Does the proposed wording clearly articulate what is required? Contingency invoice wording taken from IGT102.	Added in wording to make it mandatory for contingency invoicing in a specified format to keep it within the 50 character length and clarified any other comments are optional.

					Where it does not relate to a Contingency Invoice this field is optional and can be left null/blank		
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Example:

**Z99\_IGT\_INV\_TRAILER**

RECORD/FIELD NAME	OPT	DOM	LNG	DEC	DESCRIPTION	Technical Discussion	WG Points	Technical Recommendations	WG Meeting
TRANSACTION TYPE	M	I	3	0	Populate with a code identifying the type of request that this record represents VALUE: Z99	Does the proposed wording clearly articulate what is required?		It will work as drafted	
RECORD COUNT	M	N	10	0	Populate with the number of detail records contained within the file. This should not include the T01 IGT INV HEADER or the T01 IGT INV HEADER but should be the count of the B1X* IGT CHARGE TYPE.	Does the proposed wording clearly articulate what is required?		It will work as drafted	
INVOICE VALUE	M	N	8	2	Populate with the NET Invoice Amount for the unique Invoice Document	Does the proposed wording clearly articulate what is required? The expectation is there will be one backing data item per invoice – does this need to be clearer – see additional note		Removed thousand and the value should be the total for the invoice with a single backing data file	

Example: "Z99",NNNNNNNNNN,NNNNNNNN.NN

## Format Guidance

Type	Description
T01	Header Row
B10	Legacy Invoice Line
B11	Legacy Adjustment Line
B12	RPC Invoice Line
B13	RPC Adjustment Line
Z99	Trailer Row

Option	Description
M	Mandatory
C	Conditional
O	Optional

Field	Description
C	Character
N	Number
D	Date
T	Text