

### DATA DICTIONARY

Level	Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Sdtl	Beginning Imbalance Quantity (Beg Imb Qty)	The <del>accumulated</del> imbalance quantity at the beginning of the period <u>for an interest owner delivered to a Transportation Service Provider.</u>		M	M	
<u>Dtl</u>	<u>Cumulative Beginning Imbalance Quantity</u> (Cum Beg Imb Qty)	The sum of the <u>Beginning Imbalance Quantity for an interest owner delivered to all Transportation Service Providers.</u>		<u>M</u>	<u>M</u>	
<del>HdrDt</del> !	Cumulative Ending Imbalance Quantity (Cum End Imb Qty)	The <del>accumulated sum of the Ending Imbalance Quantity at the end of the period</del> for an interest owner delivered to all Transportation Service Providers.		M	M	
Dtl	Cumulative Imbalance Quantity (Cum Imb Qty)	The <del>accumulated sum of the Imbalance Quantity</del> for the current period for an interest owner <u>delivered to all Transportation Service Providers.</u>		M	M	
Sdtl	Ending Imbalance Quantity (End Imb Qty)	The <del>accumulated</del> imbalance quantity at the end of the period for an interest owner delivered to a Transportation Service Provider.		M	M	

Level	Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Sdtl	Entitlement Quantity (Ent Qty)	Quantity of gas each interest owner is entitled to take of the Grand Total – All Transportation Service Providers for a given Transportation Service Provider.		M	M	
Hdr	Grand Total <del>All Transportation Service Providers</del> Production Deliveries (Grnd Tot <del>All TSP</del> Prod Del)	The total of all production deliveries made to all Transportation Service Providers from a given location.		M	M	
Dtl	Imbalance Period (Imb Per)	The period during which the imbalance occurred or the cumulative imbalance is reported.		M	M	
Sdtl	Imbalance Quantity (Imb Qty)	Imbalance quantity for the current period.		M	M	
Sdtl	Interest Owner Data	The entity with ownership interest in the gas.				<b>Hold for resolution of R97058B</b>
Sdtl	Interest Owner * (Int Own)			C	C	At least one of Interest Owner or Interest Owner Proprietary Code is mandatory. <b>Hold for resolution of R97058B</b>
Sdtl	Interest Owner Name *** (Int Own Name)			M	nu	<b>Hold for resolution of R97058B</b>
Sdtl	Interest Owner Proprietary Code (Int Own Prop )			C	C	At least one of Interest Owner or Interest Owner Proprietary Code is mandatory. <b>Hold for resolution of R97058B</b>
Sdtl	Interest Owner Percentage (Int Own Pct)	Percentage of the gas owned by the Interest Owner dedicated to a specified Transportation Service Provider.		M	M	

Level	Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Dtl	Location Data	Unique identification of a point.				
Hdr	Location Code * ** (Loc)			M	M	
Hdr	Location Name (Loc Name)			M	nu	
Hdr	Location Proprietary Code (Loc Prop)			C	C	Mandatory when Location Code is not present. .
Hdr	Location Operator Data	The party recognized as the operator of record for the location.				
Hdr	Location Operator * (Loc Oper)			M	M	<b>Hold For resolution of R97058B</b>
Hdr	Location Operator Name <u>***</u> (Loc Oper Name)			M	nu	
Hdr	Preparer Contact E-mail Address (Prep E-mail)	The e-mail address of the contact person for questions regarding the statement information.		SO	SO	
Hdr	Preparer Contact Fax Number (Prep Fax)	The fax number of the contact person for questions regarding the statement information.		SO	SO	
Hdr	Preparer Contact Name (Prep Contact)	The name of the contact person for questions regarding the statement information.		M	M	
Hdr	Preparer Contact Phone Number (Prep Phone)	The phone number of the contact person for questions regarding the statement information.		M	M	

Level	Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Hdr	Preparer Data	The name of the business party preparing the report				
Hdr	Preparer ID*			SO	SO	
Hdr	Preparer Name ***			SO	nu	
Sdtl	Prior Period Adjustment (Prior Per Adj)	Adjustment included in Ending Imbalance Quantity in this report.		M	M	Default value is zero.
Sdtl	Production Delivery (Prod Del)	Quantity of gas delivered to a location for the account of each Interest Owner based on the Location Operator's allocation statement.		M	M	
Hdr	Reporting Pressure Base (Rpt Press Base)	Pressure base used in reporting volume in MCFs.		C	C	Mandatory when Unit of Measure for associated quantity is 'Thousand Cubic Feet'.
Hdr	Statement Basis Data	Code used to identify statement quantities as estimate, actual or revision. Default value is actual.				
Hdr	Statement Basis (Stmt Basis)			C	M	For EBB, at least one of Statement Basis or Statement Basis Code Name is required.
Hdr	Statement Basis Code Name (Stmt Basis Name)			C	nu	For EBB, at least one of Statement Basis or Statement Basis Code Name is required.
Hdr	Statement Date/Time (Stmt D/T)	Date and time the statement was produced.		M	M	
Hdr	Statement Recipient Data	The intended user of the statement.				
Hdr	Statement Recipient ID * (Recipient)			M	M	<b>Hold for resolution of R97058B</b>

Level	Business Name (Abbreviation)	Definition	Data Group	EBB Usage	EDI/FF Usage	Condition
Hdr	Statement Recipient Name *** (Recipient Name)			M	nu	Hold for resolution of R97058B
Dtl	Total <del>Transportation Service Provider</del> Production Deliveries (Tot <del>TSP</del> Prod Del)	The total of all production deliveries made to a specified Transportation Service Provider from a given location.		M	M	
Dtl	Transportation Service Provider Data	A code which uniquely identifies the transportation service provider.				
Dtl	Transportation Service Provider * (TSP)			M	M	
Dtl	Transportation Service Provider Name (TSP Name)			M	nu	
Hdr	Unit of Measure (U/Meas)	Specifies the unit or basis for measurement for the corresponding measurement value.		M	M	
Hdr	Wet/Dry Basis (Wet/Dry)	BTU test basis used to determine MMBTUs reported.		C	C	Mandatory when Unit of Measure for associated quantity is 'Million BTUs'.

**RELEVANT FOOTNOTES**

\* Indicates Common Code

\*\* When a Transportation Service Provider's proprietary location code is employed pursuant to this standard, the parties agree that nominations, confirmations, scheduled quantities, and capacity release documents employing such code should be for one gas day at a time, and used only until there is a verified common code for the point associated with the proprietary location code. This would include daily nominations over a weekend. Within two months following the availability of the location the parties should employ the common code and no longer employ the proprietary code for identifying such location in the data sets related to the identified standards.

\*\*\* The Transportation Service Provider's version of the name.

**DATA GROUPS:**

BEDG	Business Entity Data Group
CDG	Contract Data Group
CEDG	Contract Entitlement Data Group
CSDG	Contract Status Data Group
DDG	Date Data Group
LDG	Location Data Group
RCDG	Rate Charged Data Group
RDG	Rate Data Group
TSDG	Transaction Specific Data Group
TSPDG	Transportation Service Provider Data Group

**CODE VALUES DICTIONARY**

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**Statement Basis**

Code Value Description	Code Value Definition	Code Value
Actual	Quantity based upon the best available data.	A
Estimate	Quantity based upon the best available data, which is recognized as preliminary.	E
Revision	Change to a quantity based upon a prior period adjustment.	R

**Unit of Measure**

Code Value Description	Code Value Definition	Code Value
Gigacalories	[no definition necessary]	
Gigajoules	[no definition necessary]	
Kilopascal	[no definition necessary]	
MMBTU	[no definition necessary]	
<del>PSI</del>	<del>Pounds per square inch</del>	
<del>PSIA</del>	<del>Pounds per square inch absolute</del>	
<del>PSIG</del>	<del>Pounds per square inch gauge</del>	
Thousand Cubic Feet	[no definition necessary]	

**Wet/Dry Basis**

Code Value Description	Code Value Definition	Code Value
Dry	[no definition necessary]	
Wet	[no definition necessary]	

## To Do List

- ~~1. Add verbiage to TIBP to indicate that Imbalance Period refers to a month and year.~~
- ~~2.1. Add verbiage to TIBP concerning expectations implied by Prior Month Adjustment (recalc all months or month of change and final month) – see outstanding question in draft TIBP.~~
- ~~3. Add verbiage to TIBP: Interest Owners are associated with Imbalance Quantities at the subdetail level.~~
- ~~4. Add verbiage to TIBP: concerning calculation of imbalance quantity and ending imbalance quantity.~~
- ~~5. Add verbiage to TIBP: concerning calculation of entitlement. This quantity is calculated by multiplying total production delivery quantities times each producer's gross working interest for well or lease facilities~~
- ~~6. Add verbiage to TIBP: Each prior period adjustment should be supported by an accompanying revised statement for applicable period~~
- ~~7. Add verbiage to TIBP: prior period adjustment default is zero~~
- ~~8.2. Add verbiage to TIBP discussing Proportion~~ate~~ Production Interest (PPI) in relation to Interest Owner Percentage – check COPAS to determine if Interest Owner Percentage in Oklahoma is called PPI.~~
- ~~9.3. We are using location for what COPAS calls a facility name #3 – see outstanding question in draft TIBP.~~
4. Apply R97058B convention on proprietary codes to indented entity data elements
5. Develop data group and data ordering.
6. Sample Paper
7. Executive Summary
8. Business Process and Practices

## TECHNICAL IMPLEMENTATION OF BUSINESS PROCESS

The Producer Imbalance Statement is a report from the operator of a production facility to its working interest owners (producers) that indicates the difference between the current month **entitlement quantity** and the total **production deliveries**. The entitlement quantity and the imbalance quantity are reported at the **interest owner percentage** level. The interest owner percentage ~~is~~can be any of the following:

- ~~the gross~~ working interest;
- royalty interest;
- ~~or~~ Proportionate Production Interest (PPI); or
- ~~of the interest owner. This percentage would be~~ net working interest ~~of royalty taken in-kind.~~

The entitlement quantity is calculated by multiplying total production delivery quantities times each producer's interest owner percentage for the subject well or lease facilities, which is the **location**. For purposes of this document, the location is synonymous with 'field' as it is used in COPAS Bulletin 24, 10/2000. *(Question: is this the gross working interest? If so, how can this be 'gross' if it is net of royalty taken in-kind? [Need to check COPAS definition for 'field' and / or 'production facility' that corresponds to the NAESB data element 'location'.](#))*

The **imbalance period** refers to a month and a year. ~~The cumulative imbalance quantity is calculated by adding the prior month ending imbalance quantity to the current month imbalance. The ending imbalance quantity is calculated by adding the prior cumulative imbalance and the prior period adjustment to the current month imbalance. (Question: Are these statements correct?)~~ The imbalance quantity is the imbalance for the current month for an interest owner for each transportation service provider. The ending imbalance quantity is calculated by adding the prior month ending imbalance quantity and the prior period adjustment to the current month imbalance quantity. The cumulative imbalance quantity is calculated by adding the imbalance quantities for a specified interest owner for the current month. The cumulative ending imbalance quantity is calculated by adding the ending imbalance quantities for a specified interest owner.

The **prior period adjustment** should be supported by an accompanying revised statement for the applicable prior imbalance period. The default value for prior period adjustment is zero. A prior period adjustment can be made for the period adjusted and each subsequent period or for the period adjusted and the current period. An explanation of the methodology used should accompany the current period on which the adjustment is stated. (Question: Explain expectations set forth in COPAS as to whether the revised statements that are sent are (1) just the month(s) in which the adjustment actually occurred or (2) the month in which the adjustment actually occurred and all subsequent months to pull through that adjustment?)

## **SAMPLE PAPER TRANSACTION**

To be developed after the data dictionary and TIBP are completed.

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