

RESTRICTED

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TRADE DATA INTERCHANGE PROTOCOLS

Development of United Nations standard Messages (UNSMs)
(Item 3.2.15 of the Programme of work)

MESSAGE TYPE SUBMITTED AS STATUS 0 FOR INFORMATION

JOINT INTEREST BILLING REPORT MESSAGE

(Item 7 of the provisional agenda of the Meeting of Experts on Data
Elements and Automatic Data Interchange (GE.1) - Forty-fifth session,
18-19 March 1992)

TECHNICAL ASSESSMENT COMMENTS

The West European Technical Assessment Group has carried out an initial assessment of the attached Status 0 submission, and as a result, has communicated several technical and/or editorial comments to the relevant Message Design Group(s).

These comments must be taken into account before the next technical assessment submission of the message, and certainly before it is submitted as a request for Status 1.

In particular, if any new segments, composites and/or elements are listed in Section 5 of the document, these have not been approved at this stage.

UN/EDIFACT

DRAFT DOCUMENT

JOINT INTEREST BILLING REPORT MESSAGE

Please note that this message may be revised a number of times before it is next submitted to the Working Party. Further information on the development of this message can be obtained from the Rapporteur's EDIFACT Board Secretariat. This revision is issued for information and comments and is not intended for implementation.

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For general information on UN standard message types,
see UN Trade Data Interchange Directory, UNTDID, Part 4,
Section 2.5, UN/ECE UNSM General Introduction.

0. Introduction

This specification provides the definition of Joint Interest Billing Report message (JIBILL) for Electronic Data Interchange (EDI) between partners involved in joint ventures within the oil & gas industry.

1. Scope

1.1 Functional Definition

The JIBILL message covers the following alternatives:

1. For an operator to report to the partners in an equity group on a joint venture on claims, for advances made during a period in order to finance the purchase of goods and services necessary for an agreed activity in the joint venture (exploration, development, production).
2. To settle accounts and claim reimbursement for goods and services already acquired during the period reported on for agreed activities in the joint venture by the the operator, on behalf of the other partners in the equity group. Details of purchases including historical details such as "year-to-date" (YTD) and cumulative (CUM) may be specified.

1.2 Field of Application

The UN Standard Joint Interest billing report message may be applied for both national and international trade. It is based on universal commercial practice within the oil & gas industry and may eventually be of interest to other industries.

1.3 Principles

These principles refer to an oil & gas exploration environment. They may be extended to cover requirements in other joint venture and production environments.

- Aventure refers to a particular oil/gas well/site being explored/developed/produced-
- A venture may consist of one or more Equity groups
- An equity group may consist of two or more partners
- The "same" message is sent from the operator to each partner, who (for the case of a request for reimbursement) or what he has paid out to the operator (in the case of a statement of cash calls).
- In some cases, an invoice may be used as a request for payment in addition to this message

2. References

See UNTDID, Part 4, Section 2.5. UN/ECE UNSM - General

Introduction, Section 1.

3 Terms and Definitions

See UNTDID, Part 4, Section 2.5. UN/ECE UNSM - General Introduction, Section 2.

4 Message Definition

This section is provided to give clarification and further explanation to the usage of segments within the message structure.

4.1 Data Segment Clarification

This section should be read in conjunction with the Branching Diagram and Segment Table which indicate mandatory, conditional and repeating requirements.

The following guidelines and principles apply to the whole message and are intended to facilitate the understanding and implementation of the message:

All specified dates/times should be in the format 'yymmdd'/'hhmm' unless all parties involved in the transaction agree that there is a functional requirement for an alternative format. Periods should be specified as whole numbers representing the required period as indicated in the format qualifier (weeks, months, etc.)

Where a choice of code or text is given only the code element should be used wherever possible.

Conditional data that is not required in the message should not be included

Care must be taken that the segment qualifier in dependent segments do not conflict with the segment qualifier of the trigger segment of a group.

4.1.1 Heading section

Information to be provided in the Heading Section:

UNH, Message header

A service segment starting and uniquely identifying a message.

Note: Joint Interest Billing messages conforming to this document must contain the following data in UNH, composite S009:

Data element	0065	JIBILL
	0052	0
	0054	911
	0051	WE

BGM, Beginning of message

A segment for the unique identification of the Joint Interest Billing message by means of its type and number.

Note: Code for JIBILL for DE 1001 will be allocated as soon as message is approved for status 0

DTM, Date/time/period

A segment specifying the date and, when relevant, the time of an activity identified by the date/time/period qualifier, e.g. start date of period, end date of period, tax point, billing date..

The segment must be specified at least once to identify the joint interest bill date.

The Date/time/period segment within other segment groups should be used whenever the date/time/period requires to be logically related to another specified data item.

CUX, Currencies

A segment identifying the currencies required in the Joint Interest Billing, for example:

Source currency : the currency in which costs are initially recorded for joint interest billing

Control currency:the currency in which budgets and AFE's are stated

Fiscal currency:the statutory reporting currency of the country of operation A rate of exchange may be given to convert the identified reference currency into a target currency. In JIBILL, the first occurrence of the CUX segment will constitute the 'default' currency should the source,control fiscal and settlement currencies all be the same, in which case the other occurrences of CUX will not be necessary.

Segment group 1: RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message.

Note : in Norway, six report types are usually identified (AFE report, Project Report, Cost Report, Joint Interest Report/Statement Accounts, Estimated Cash Call, Actual Cash Call). In the UK, companies have just two reports (Request for Reimbursement (INV) and Statement for Cash Received (STAT))

RFF, Reference

A segment for further referencing document/report types. The Joint Venture Number number is mandatory in a JIBILL message

DTM, Date/time/period

A segment specifying the date/time related to the reference.

Segment group 2: NAD-FII-SG3-SG4

A group of segments identifying names, addresses, references, contacts (or partners in an equity group, in a venture), and also specifying Financial Institution Information for each partner.

NAD, Name and address

A segment for identifying names and addresses and their functions relevant for the whole Joint Interest Billing

Report. Identification of a partner is conditional. It is recommended that where possible only the coded form of the party ID should be specified.

FII, Financial institution information

A segment identifying the financial institution (e.g. bank) and relevant account numbers for the partner(s)/operators.

Segment group 3: RFF-DTM

A group of segments for referencing, related to the partner or bank and its function as specified in the NAD segment.

RFF, Reference

A segment for referencing by its number.

DTM, Date/time/period

A segment specifying the date and/or time related to the reference.

Segment group 4: CTA-COM

A group of segments giving additional contact information relating to the partner/bank as specified in the NAD segment.

CTA, Contact information

A segment to identify a person or department, and their function, to whom communications should be directed.

COM, Communication contact

A segment to identify a communications type and number for the contact specified in the CTA segment.

Segment group 5: PAT-DTM-PCD-MOA

A group of segments specifying the terms of payment applicable for the Joint Interest Billing report.

PAT, Payment terms basis

A segment identifying the payment terms and date/time basis.

DTM, Date/time/period

A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.

PCD, Percentage details

A segment specifying the discount, interest, penalty as well as instalment percentage.

MOA, Monetary amount

A segment specifying amounts related to payment discount penalties or instalments.

4.1.2 Detail section

Information to be provided in the detail section:

Segment group 6: GCR-SG7-SG8-SG10

A group of segments relating partner share details (including cash reconciliation), main account details, cost

centre details, and sub-account details, request/statements, joint interest details and date information of, an equity group. In addition, tax details can be at this level of detail; e.g. VAT.

GCR, Equity group

A segment identifying an equity group within a venture.

Segment Group 7: MOA-TAX

A group of segments specifying total amounts due for reimbursement or statement of account for the period which relates to a single equity group. When a partner is involved in more than one equity group, amounts in repeats of the MOA segment add up to the total given in the MOA segment in the summary section.

MOA, Monetary amount

A segment specifying total amounts due for reimbursement or statement of account for the period which relates to a single equity group.

TAX, Duty/tax/fee details

A segment specifying tax/VAT related information; eg. VAT rate applicable.

Segment group 8: PSH-SG9

A group of segments identifying partners in an equity group, as well as their percentage share of that group. In addition to specifying accounting information (both current and historical) relating to that share. The details show cash reconciliation records by partner share.

PSH, Partner share

A segment identifying a partner in an equity group.

Segment group 9: PSA-MOA

A group of segments specifying the contributions of an equity partner within an equity group.

PSA, Partner share

A segment detailing the nature of the partner share, e.g. cash called, cash expenditure, billing, net,...

MOA, Monetary amount

A segment specifying the monetary amounts of the partner share.

Segment group 10: EXC-MOA

A group of segments specifying the account details, the class, nature and level of an expenditure, and the relevant monetary amount.

EXC, Expenditure classification

A segment specifying the account details in the Joint Interest Billing Report for a partner within the equity group in relation to the accounting period and function. The expenditure classification level will indicate if it is a main account, cost centre or sub account within a cost centre.

MOA, Monetary amount

A segment giving the expenditure amount.

4.1.3 Summary section

Information to be provided in the summary section:

Segment group 11: RFF-MOA

A group of segments for giving the total and sub total amounts relating to a referenced joint venture, as well as the total tax amount(s).

RFF, Reference

A segment for identifying the relevant joint ventures.

MOA, Monetary amount

To specify the total amount due or cash called, inclusive the relevant tax, in the Joint Interest Billing report, as well as the total tax amount. The same amount may be repeated to give the amount in other currencies.

Segment Group 12: TAX-SG13

A group of segments giving tax amounts per tax category. The currency code and rate of exchange may be given if the tax amount is required in another currency.

TAX, Duty/tax/fee details

A segment specifying the tax type, category, and rate.

Segment group 13: MOA-CUX

group of segments specifying the monetary amount related to the tax details. The amount may also be given in other currencies.

MOA, Monetary amount

A segment for giving the tax amount.

CUX, Currencies

A segment for identifying the currency code and rate of exchange if the tax amount is calculated in another currency.

CNT, Control total

A segment by which control totals may be provided by the sender (operator) for checking by the receiver (partner).

UNT, Message trailer

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

4.2 Message Structure

4.2.1 Branching Diagram

4.2.2 Segment Table

TAG	NAME	S	REPT
UNH	Message header	M	1
BGM	Beginning of message	M	1
DTM	Date/time/period	M	10
CUX	Currencies	C	5
----- Segment Group 1 -----			
RFF	Reference	M	1
DTM	Date/time/period	C	5
----- Segment Group 2 -----			
NAD	Name and address	M	1
FII	Financial institution information	C	1
----- Segment Group 3 -----			
RFF	Reference	M	1
DTM	Date/time/period	C	5
----- Segment Group 4 -----			
CTA	Contact information	M	1
COM	Communication contact	C	5
----- Segment Group 5 -----			
PAT	Payment terms basis	M	1
DTM	Date/time/period	C	5
PCD	Percentage details	C	1
MOA	Monetary amount	C	1
----- Segment Group 6 -----			
GCR	Equity group	M	1
----- Segment Group 7 -----			
MOA	Monetary amount	M	1
TAX	Duty/tax/fee details	C	1
----- Segment Group 8 -----			
PSH	Partner share	M	1
----- Segment Group 9 -----			
PSA	Partner share contribution	M	1
MOA	Monetary amount	C	5
----- Segment Group 10 -----			
EXC	Expenditure classification	M	1
MOA	Monetary amount	C	5
----- Segment Group 11 -----			
RFF	Reference	M	1
MOA	Monetary amount	M	1
----- Segment Group 12 -----			
TAX	Duty/tax/fee details	M	1
----- Segment Group 13 -----			
MOA	Monetary amount	M	1
CUX	Currencies	C	5

CNT	Control total	C	5
UNT	Message trailer	M	1

4.3 Data Segment Index (Alphabetic Sequence)

BGM	Beginning of message
CNT	Control total
COM	Communication contact
CTA	Contact information
CUX	Currencies
DTM	Date/time/period
EXC	Expenditure classification
FII	Financial institution information
GCR	Equity group
MOA	Monetary amount
NAD	Name and address
PAT	Payment terms
PCD	Percentage detail
PSA	Partner share contribution
PSH	Partner share
RCD	Receiving conditions
RFF	Reference
TAX	Duty/tax/fee details
UNH	Message header
UNT	Message trailer

5. Directories

5.1 Directory Reference

See Trial Directory 91.1

5.2 Explanation of Directory Variations

New segment proposal

EXC EXPENDITURE CLASSIFICATION

Function: To identify the type and level of expenditure

5709	EXPENDITURE CLASSIFICATION LEVEL	M	n..3
C566	EXPENDITURE CLASSIFICATION	M	
9719	Expenditure classification identifier	C	an..17
1131	Code list qualifier	C	an..3
3055	Code list responsible agency, coded	C	an..3
9754	EXPENDITURE CLASSIFICATION IDENTIFICATION DESCRIPTION	C	an..35
2151	TYPE OF PERIOD, CODED	C	an..3
C567	EXPENDITURE TYPE	C	
5711	Expenditure type, coded	M	an..3
1131	Code list qualifier	C	an..3
3055	Code list responsible agency, coded	C	an..3

GCR EQUITY GROUP

Function: To identify an equity group

C568	EQUITY GROUP	M	
3705	Equity group identifier	C	an..17
1131	Code list identifier, coded	C	an..3
3055	Code list responsible agency, coded	C	an..3
3704	Equity group description	C	an..35

PSA PARTNER SHARE CONTRIBUTION

Function: To specify the contribution of an equity partner

5712	PARTNER SHARE QUALIFIER	M	an..3
2151	TYPE OF PERIOD, CODED	C	an..3
C567	EXPENDITURE TYPE	C	
5711	Expenditure type, coded	M	an..3
1131	Code list qualifier	C	an..3
3055	Code list responsible agency, coded	C	an..3
5715	BALANCE, CODED	C	an..3

PSH PARTNER SHARE

Function: To identify a partners's percentage equity share in an equity group

C565	EQUITY PARTNER	M	
3703	Equity partner identification	M	an..17
1131	Code list qualifier	C	an..3
3055	Code list responsible agency, coded	C	an..3
5706	PARTNER EQUITY PERCENTAGE	M	n..15

RCD RECEIVING CONDITIONS

Function: To specify the receiving conditions of packages, documents, etc

C564	RECEIVING CONDITION INFORMATION	C	
7793	Receiving condition, coded	M	an..3
1131	Code list qualifier	C	an..3
3055	Code list responsible agency, coded	C	an..3
7712	RECEIVING STATE	C	an..17
C522	INSTRUCTION	C	
4403	Instruction qualifier	M	an..3
4401	Instruction, coded	C	an..3
1131	Code list qualifier	C	an..3
3055	Code list responsible agency, coded	C	an..3