
Message Guide

REQUEST (English Version)

auf Basis

ORDERS

Purchase order message

UN D.07A S3

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1 Introduction

1 Introduction

If bilateral agreements exist, the orderer will use the REQUEST message to send his takeover options or his order for a shipper reported availability during a specified period. In case of changed availability it may be necessary that changed takeover facilities and / or quality-reduced gas (lower calorific value) require a new REQUEST.

1.1 Functional description

This message will be used by the purchaser to inform the shipper about the need for the delivery of gas to one or more grid points during a specified period of time. The here listed definition of this message describes the common practice in the gas industry. However, it does not exclude a use between other market participants than those mentioned in this description.

1.2 Principles

If bilateral agreements exist, the orderer will use the REQUEST message to send his takeover options or his order for a shipper reported availability during a specified period. In case of changed availability it may be necessary that changed takeover facilities and / or quality-reduced gas (lower calorific value) require a new REQUEST.

1.3 Field of application

The REQUEST information relates to a specified period of time. The message can be used to supply the shipper with the shipper accounts to which the gas quantities are to be delivered. In most cases this message triggers a reply message at the receiver. This answer is the request confirmation Message REQRES.

1.4 References

The content of the REQUEST message is based on:

- The EDIFACT UNSM ORDERS 07A definition as published by UN / CEFACT.
- The definition of terms and codes as defined by the 'Message and Workflow Design Working Group'.

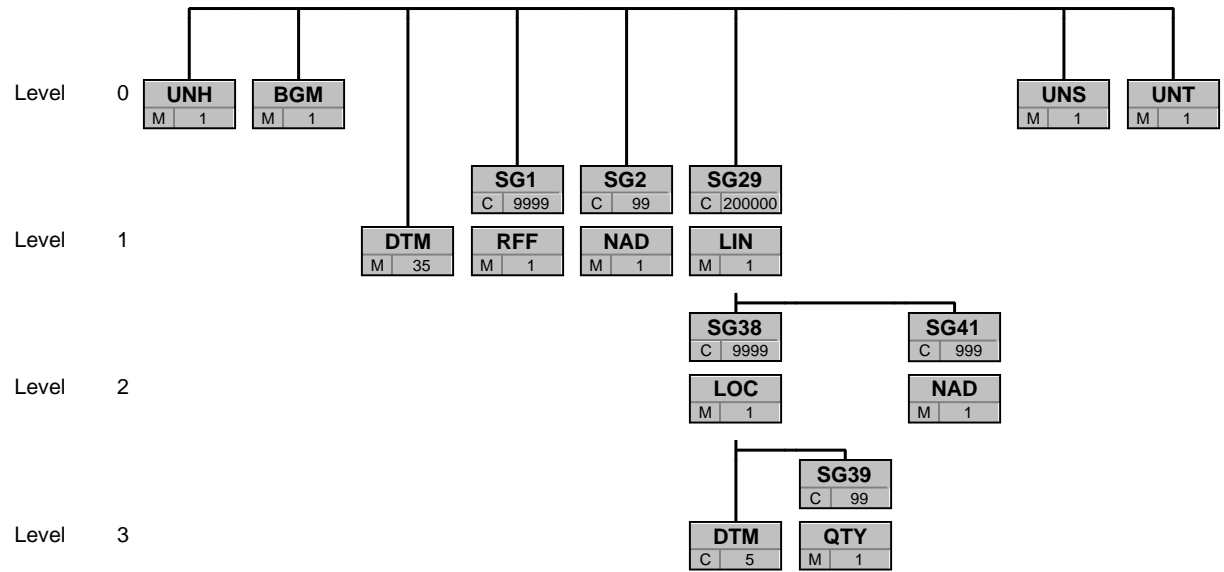
2 Message Structure

Count	Nr	Seg	St	/ DVGW	MaxRep	/ DVGW	Level	Content
0010	1	UNH	M	M	1	1	0	Opening, identifikation, specification
0020	2	BGM	M	M	1	1	0	Type, function, unique number of the message
0030	3	DTM	M	M	35	1	1	Time zone
0030	4	DTM	M	M	35	1	1	Date and time of the message
0030	5	DTM	M	M	35	1	1	Period of validity
0090		SG1	C	R	9999	1	1	Contract reference
0100	6	RFF	M	M	1	1	1	Contract reference
0120		SG2	C	R	99	1	1	Buyer
0130	7	NAD	M	M	1	1	1	Buyer
0120		SG2	C	R	99	1	1	Seller
0130	8	NAD	M	M	1	1	1	Seller
1100		SG29	C	R	200000	200000	1	LIN
1110	9	LIN	M	M	1	1	1	Position number
1630		SG38	C	R	9999	9999	2	LOC-DTM-SG39
1640	10	LOC	M	M	1	1	2	Location
1660	11	DTM	C	R	5	1	3	Date, time, period of the following quantities
1670		SG39	C	R	99	1	3	Quantity
1680	12	QTY	M	M	1	1	3	Quantity
1740		SG41	C	R	999	1	2	NAD
1750	13	NAD	M	M	1	1	2	Nomination qualifier
2490	14	UNS	M	M	1	1	0	Section control
2560	15	UNT	M	M	1	1	0	Message trailer

Seg = Segment
 Counter = Number of Segment
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by
 UN/CEFACT

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

3 Diagram



Seg	
St	MaxRep

Seg = Segment
 St = Status as defined by UN/CEFACT (M=Muss/Mandatory, C=Conditional)
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0010	1	UNH	M	1	M	1	0	Opening, identifikation, specification
------	---	------------	---	---	---	---	---	--

			Standard	DVGW	
Bez	Name	St	Format	St	Format
UNH					
0062	Nachrichten-Referenznummer	M	an..14	M	an..14
Message reference number <i>Unique reference number generated by the sender.</i>					
S009	Nachrichten-Kennung	M		M	
0065	Nachrichtentyp-Kennung	M	an..6	M	an..6
0052	Versionsnummer des Nachrichtentyps	M	an..3	M	an..3
ORDERS Purchase Order					
D Directory					
0054	Freigabenummer des Nachrichtentyps	M	an..3	M	an..3
07A Directory Release					
0051	Verwaltende Organisation	M	an..2	M	an..2
UN UNECE					
0057	Anwendungscode der zuständigen Organisation	C	an..6	R	an..6
MGV18 Bilateral abgestimmtes Format für den Datenaustausch mit dem MGV, Stand 01.12. 2018					

Explanatory notes:

Example:

UNH+123456+ORDERS:D:07A:UN:MGV18'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
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4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0020	2	BGM	M	1	M	1	0	Type, function, unique number of the message
------	---	------------	---	---	---	---	---	--

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
BGM						
C002	Dokumenten-/ Nachrichtenname	C		R		
1001	Dokumentenname, Code	C	an..3	R	an..3	38G Bestellung (verbindlich)
1131	Codeliste, Code	C	an..17	N		Nicht benutzt
3055	Verantwortliche Stelle für die Codepflege, Code	C	an..3	C	an..3	332 DE, DVGW Service & Consult GmbH
C106	Dokumenten-/Nachrichten- Identifikation	C		R		
1004	Dokumentenummer	C	an..35	R	an..35	<i>REQUEST + distinct identification. The sender must ensure that this identification is unique.</i>

Explanatory notes:

Example:

BGM+38G::332+REQUEST123456'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0030	3	DTM	M	35	M	1	1	Time zone
------	---	------------	---	----	---	---	---	-----------

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
DTM						
C507	Datum/Uhrzeit/Zeitspanne	M		M		
2005	Datums- oder Uhrzeits- oder Zeitspannen-Funktion, Qualifier	M	an..3	M	an..3	Z05 Zeitzonen-Definition
2380	Datum oder Uhrzeit oder Zeitspanne, Wert	C	an..35	C	an..35	0 UTC
2379	Datums- oder Uhrzeit- oder Zeitspannen-Format, Code	C	an..3	R	an..3	805 Stunden

Explanatory notes:

Example:

DTM+Z05:0:805'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0030	4	DTM	M	35	M	1	1	Date and time of the message
------	---	------------	---	----	---	---	---	------------------------------

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
DTM						
C507	Datum/Uhrzeit/Zeitspanne	M		M		
2005	Datums- oder Uhrzeits- oder Zeitspannen-Funktion, Qualifier	M	an..3	M	an..3	137 Dokumenten-/Nachrichtendatum/-zeit
2380	Datum oder Uhrzeit oder Zeitspanne, Wert	C	an..35	R	an..35	
2379	Datums- oder Uhrzeit- oder Zeitspannen-Format, Code	C	an..3	R	an..3	203 CCYYMMDDHHMM

Explanatory notes:

Example:

DTM+137:201810151200:203'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0030	5	DTM	M	35	M	1	1	Period of validity
------	---	------------	---	----	---	---	---	--------------------

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
DTM						
C507	Datum/Uhrzeit/Zeitspanne	M		M		
2005	Datums- oder Uhrzeits- oder Zeitspannen-Funktion, Qualifier	M	an..3	M	an..3	Z01 Gültigkeitszeitraum
2380	Datum oder Uhrzeit oder Zeitspanne, Wert	C	an..35	R	an..35	
2379	Datums- oder Uhrzeit- oder Zeitspannen-Format, Code	C	an..3	R	an..3	719 CCYYMMDDHHMMCCYYMMDDHHMM

Explanatory notes:

Example:

DTM+Z01:201810150400201810150500:719'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		
0090		SG1	C	9999	R	1	1	Contract reference

0100 6 **RFF** M 1 M 1 1 **Contract reference**

			Standard		DVGW			
Bez	Name		St	Format	St	Format	Application / Remark	
RFF								
C506	Referenz		M		M			
1153	Referenz, Qualifier		M	an..3	M	an..3	CT Einzelvertrag	
1154	Referenz, Identifikation		C	an..70	R	an..70	<i>Contract reference</i>	

Explanatory notes:

Example:

RFF+CT;THE0BFH123456789'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0120		SG2	C	99	R	1	1	Buyer
------	--	------------	---	----	---	---	---	-------

0130	7	NAD	M	1	M	1	1	Buyer
------	---	------------	---	---	---	---	---	-------

			Standard		DVGW			
Bez	Name		St	Format	St	Format	Application / Remark	
NAD								
3035	Beteiligter, Qualifier		M	an..3	M	an..3	BY Käufer	
C082	Identifikation des Beteiligten		C		R			
3039	Beteiligter, Identifikation		M	an..35	M	an..35		
1131	Codeliste, Code		C	an..17	N		Nicht benutzt	
3055	Verantwortliche Stelle für die Codepflege, Code		C	an..3	R	an..3	332 DE, DVGW Service & Consult GmbH	

Explanatory notes:

Buyer is always THE

Example:

NAD+BY+9800505300009:::332'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

0120 **SG2** C 99 R 1 1 Seller

0130 8 **NAD** M 1 M 1 1 Seller

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
NAD						
3035	Beteiligter, Qualifier	M	an..3	M	an..3	SE Verkäufer
C082	Identifikation des Beteiligten	C		R		
3039	Beteiligter, Identifikation	M	an..35	M	an..35	
1131	Codeliste, Code	C	an..17	N		Nicht benutzt
3055	Verantwortliche Stelle für die Codepflege, Code	C	an..3	R	an..3	9 GS1 332 DE, DVGW Service & Consult GmbH

Explanatory notes:

Seller is always provider/supplier of balancing gas.

Example:

NAD+SE+9800123456789:::332'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		
1100		SG29	C	200000	R	200000	1	LIN
1110	9	LIN	M	1	M	1	1	Position number
			Standard		DVGW			
Bez	Name	St Format		St Format	Application / Remark			
LIN								
1082	Positionsnummer	C	an..6	R	an..6	<i>Sequential number (1 to n)</i>		

Explanatory notes:

LIN-1082 is an identification assigned by the sender of the message. It is used to unequivocally identify every occurrence of a position number. THE recommends a numerical sequence starting with '1' and increasing incrementally by '1' for every further occurrence of a LIN segment.

Example:

LIN+1'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		
1100		SG29	C	200000	R	200000	1	LIN
1630		SG38	C	9999	R	9999	2	LOC-DTM-SG39
1640	10	LOC	M	1	M	1	2	Location

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
LOC						
3227	Ortsangabe, Qualifier	M	an..3	M	an..3	<i>Code for the identification of a location.</i> Z19 Netzkopplungspunkt
C517	Ortsangabe	C		C		
3225	Ortsangabe, Nummer	C	an..35	C	an..35	<i>VTP nomination qualifier</i>
1131	Codeliste, Code	C	an..17	N		Nicht benutzt
3055	Verantwortliche Stelle für die Codepflege, Code	C	an..3	C	an..3	332 DE, DVGW Service & Consult GmbH

Explanatory notes:

37Z005053MH0000D = VTP-nomination qualifier for H-Gas and L-Gas

Example:

LOC+Z19+37Z005053MH0000D: : 332 '

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		
1100		SG29	C	200000	R	200000	1	LIN
1630		SG38	C	9999	R	9999	2	LOC-DTM-SG39
1660	11	DTM	C	5	R	1	3	Date, time, period of the following quantities

Bez	Name	Standard		DVGW		Application / Remark
		St	Format	St	Format	
DTM						
C507	Datum/Uhrzeit/Zeitspanne	M		M		
2005	Datums- oder Uhrzeits- oder Zeitspannen-Funktion, Qualifier	M	an..3	M	an..3	2 Liefertermin (-datum/ -zeit), gewünschter
2380	Datum oder Uhrzeit oder Zeitspanne, Wert	C	an..35	R	an..35	
2379	Datums- oder Uhrzeit- oder Zeitspannen-Format, Code	C	an..3	R	an..3	719 CCYYMMDDHHMMCCYYMMDDHHMM

Explanatory notes:

Example:

DTM+2:201810150400201810150500:719'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		
1100		SG29	C	200000	R	200000	1	LIN
1630		SG38	C	9999	R	9999	2	LOC-DTM-SG39
1670		SG39	C	99	R	1	3	Quantity
1680	12	QTY	M	1	M	1	3	Quantity

			Standard		DVGW			
Bez	Name		St	Format	St	Format	Application / Remark	
QTY								
C186	Mengenangaben		M		M			
6063	Menge, Qualifier		M	an..3	M	an..3	1 Diskrete Menge	
6060	Menge		M	an..35	M	an..35	<i>Quantity as an integer value</i>	
6411	Maßeinheit, Code		C	an..8	R	an..8	KW1 Kilowattstunden pro Stunde (kWh/h)	

Explanatory notes:

Only one quantity per LOC in segment group 36 is allowed.

Example:

QTY+1: 2222: KW1 '

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		
1100		SG29	C	200000	R	200000	1	LIN
1740		SG41	C	999	R	1	2	NAD
1750	13	NAD	M	1	M	1	2	Nomination qualifier

			Standard	DVGW		
Bez	Name	St	Format	St	Format	Application / Remark
NAD						
3035	Beteiligter, Qualifier	M	an..3	N		Nicht benutzt
C082	Identifikation des Beteiligten	C		R		
3039	Beteiligter, Identifikation	M	an..35	M	an..35	<i>Nomination qualifier</i>
1131	Codeliste, Code	C	an..17	N		Nicht benutzt
3055	Verantwortliche Stelle für die Codepflege, Code	C	an..3	R	an..3	ZZZ

Explanatory notes:

Example for the structure of a nomination qualifier for SystemBuy (Supply by the balancing gas supplier, purchase by the MAM)

TRADERRPHS001

TRADER: Systemname of the balancing gas supplier

R: Product, here: Rest of the Day

P: Direction, here: Provision

HS: Supply zone, here: H-Gas Süd

001: Sequential number

Example for the structure of a nomination qualifier for SystemBell (Supply by the MAM, purchase by the balancing gas supplier)

TRADERSOWV001

TRADER: Systemname of the balancing gas supplier

S: Product, here: Hourly

O: Direction, here: Offtake

WV: Supply zone, here: Winterswijk/Vreden

001: Sequential number

Example:

NAD++TRADERRPHS001::ZZZ'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

2490	14	UNS	M	1	M	1	0	Section control
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Standard			DVGW	
Bez	Name	St Format	St Format	Application / Remark
UNS				
0081	Abschnittskennung, codiert	M a1	M a1	Section identification S Detail/Schluss teil-Trennung

Explanatory notes:

Example:

UNS+S'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

4 Segment layout

Counte	Nr	Seg	Standard		DVGW		Level	Name
			St	MaxRep	St	MaxRep		

2560	15	UNT	M	1	M	1	0	Message trailer
------	----	-----	---	---	---	---	---	-----------------

Standard			DVGW	
Bez	Name	St Format	St Format	Application / Remark
UNT				
0074	Anzahl der Segmente in einer Nachricht	M n..6	M n..6	
0062	Nachrichten-Referenznummer	M an..14	M an..14	<i>Unique reference number generated by the sender. Must be identical with the reference given in UNH-0062.</i>

Explanatory notes:

Number of segments in the message (including UNH & UNT)

Example:

UNT+15+123456'

Bez = Object identifier
 Nr = Sequential segment number in the guide
 MaxRep = Maximum repetitions of the segment as defined by UN/CEFACT
 Counter = Number of Segment

St = Status
 EDIFACT: M=Muss/Mandatory, C=Conditional
 Anwendung: R=Erforderlich/Required, O=Optional,
 D=Abhängig von/Dependent, N=Nicht benutzt/Not used

5 Applications

EDIFACT Structure	Description Communication from	Balancing gas demand MAM to BGM
Opening, identifikation, specification		
UNH		Muss
UNH 0062	Message reference number	X
UNH 0065	ORDER Purchase Order	X
	S	
UNH 0052	D Directory	X
UNH 0054	07A Directory Release	X
UNH 0051	UN UN/ECE	X
UNH 0057	MGV18 Bilateral abgestimmtes Format für den Datenaustausch mit dem MGV, Stand 01.12.2018	X
Type, function, unique number of the message		
BGM		Muss
BGM 1001	38G Bestellung (verbindlich)	X
BGM 3055	332 DE, DVGW Service & Consult GmbH	X
BGM 1004	Document identifier	X
Time zone		
DTM		Muss
DTM 2005	Z05 Zeitzonen-Definition	X
DTM 2380	0 UTC	X
DTM 2379	805 Stunden	X
Date and time of the message		
DTM		Muss
DTM 2005	137 Dokumenten-/ Nachrichtendatum/-zeit	X
DTM 2380	Date or time or period text	X
DTM 2379	203 CCYYMMDDHHMM	X
Period of validity		
DTM		Muss
DTM 2005	Z01 Gültigkeitszeitraum	X
DTM 2380	Date or time or period text	X
DTM 2379	719 CCYYMMDDHHMMCCYYM MDDHHMM	X
Contract reference		
SG1		Muss
SG1 RFF		Muss
SG1 RFF 1153	CT Einzelvertrag	X
SG1 RFF 1154	Reference identifier	X
Buyer		
SG2		Muss
SG2 NAD		Muss
SG2 NAD 3035	BY Käufer	X
SG2 NAD 3039	Party identifier	X
SG2 NAD 3055	332 DE, DVGW Service & Consult GmbH	X
Seller		
SG2		Muss

5 Applications

EDIFACT Structure	Description Communication from	Balancing gas demand MAM to BGM
SG2 NAD		Muss
SG2 NAD 3035	SE Verkäufer	X
SG2 NAD 3039	Party identifier	X
SG2 NAD 3055	9 GS1	X
	332 DE, DVGW Service & Consult GmbH	X
<hr/>		
Position number		
SG29		Muss
SG29 LIN		Muss
SG29 LIN 1082	Line item identifier	X
<hr/>		
Location		
SG38		
SG38 LOC		Muss
SG38 LOC 3227	Z19 Netzkopplungspunkt	X
SG38 LOC 3225	Location identifier	X
SG38 LOC 3055	332 DE, DVGW Service & Consult GmbH	X
<hr/>		
Date, time, period of the following quantities		
SG38		
SG38 DTM		Muss
SG38 DTM 2005	2 Liefertermin (-datum/ -zeit), gewünschter	X
SG38 DTM 2380	Date or time or period text	X
SG38 DTM 2379	719 CCYYMMDDHHMMCCYYM MDDHHMM	X
<hr/>		
Quantity		
SG39		Muss
SG39 QTY		Muss
SG39 QTY 6063	1 Diskrete Menge	X
SG39 QTY 6060	Quantity	X
SG39 QTY 6411	KW1 Kilowattstunden pro Stunde (kWh/h)	X
<hr/>		
Nomination qualifier		
SG41		Muss
SG41 NAD		Muss
SG41 NAD 3039	Party identifier	X
SG41 NAD 3055	ZZZ	X
<hr/>		
Section control		
UNS		Muss
UNS 0081	S Detail/Schluss teil-Trennung	X
<hr/>		
Message trailer		
UNT		Muss
UNT 0074	Number of segments in the message	X
UNT 0062	Message reference number	X

6 Example message

UNB+UNOA:1+9800505300009:502+9800123456789:502+181201:1457+654321 '
UNH+123456+ORDERS:D:07A:UN:MGV18 '
BGM+38G::321+REQUEST123456 '
DTM+Z05:0:805 '
DTM+137:201810151200:203 '
DTM+Z01:201810150400201810160400:719 '
RFF+CT:THE0BFH123456789 '
NAD+BY+9800505300009::332 '
NAD+SE+9800123456789::332 '
LIN+1 '
LOC+Z19+37Z005053MH0000D::332 '
DTM+2:201810150400201810150500:719 '
QTY+1:2222:KW1 '
NAD++TRADERRPHS001::ZZZ '
UNS+S '
UNT+15+123456 '
UNZ+1+654321 '