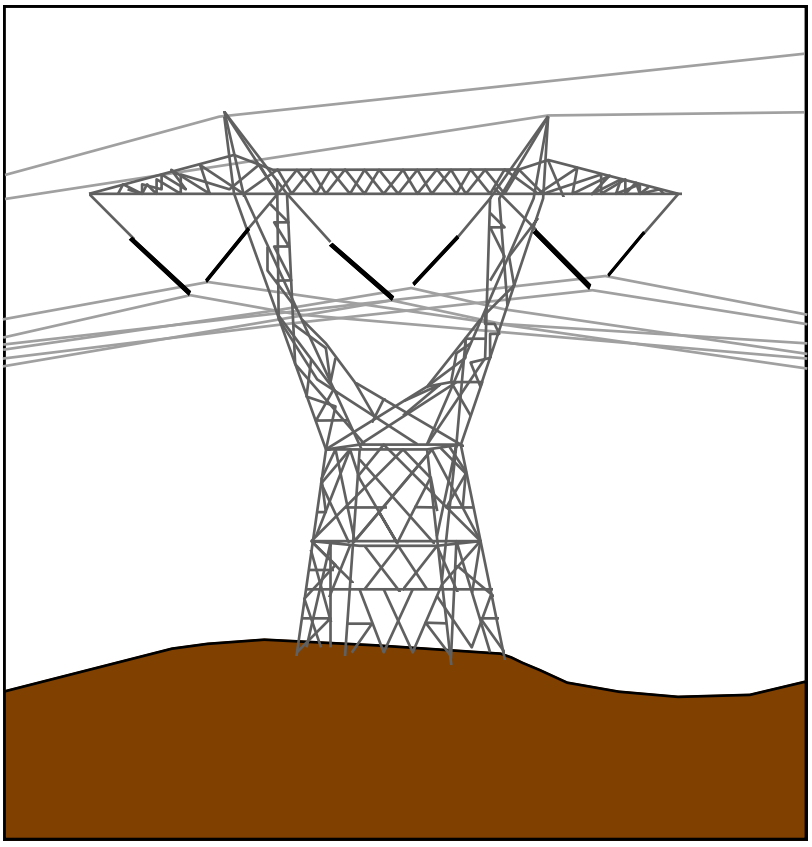
Message handbook for EDIEL

Implementation guide for
REQUEST FOR DOCUMENT



EDIFACT-message:	REQDOC
EDIFACT-version:	D
EDIFACT-release:	96A
EDIFACT-status:	1
IG-status:	Under development - not for implementation
IG-version:	0.4
IG-date:	7. August 1998

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1. INTRODUCTION

This document is an Implementation Guide (IG) for the Request for Document message, to be used in the power industry. The IG describes the EDIFACT-message REQDOC (Request for Document) in detail. The message is sent between parties in the power industry and is used to enable a party request the sendeing, or re-sending of data.

This IG is a part of the "Message handbook for EDIEL", which contains a set of IG's for different messages used in the power industry and a functional description, which contains common descriptions for the different IG's. In the future several new IG's are planned.

The document is written by Vattenfall Transmission AB, Sweden, on behalf of EDIEL, which is an organisation with members from the following organisations:

- Nord Pool ASA
- Svenska Kraftnät, Sweden
- Sydkraft, Sweden
- Statnett SF, Norway
- Viken Energinett, Norway
- Eltra, Denmark
- ELKRAFT, Denmark
- Imatran Voima Oy, Finland
- PVO-Group, Finland

The EDIEL organisation will work for standardisation of EDI-messages, communication, security etc. in the power industry, basically in the Nordic countries.

EDIEL is responsible for the documentation and further maintenance. This covers the following:

- Produce documentation of good quality
- Have knowledge about the parties using the documentation.
- Provide necessary support and help to the users of the documentation, so the documentation can be used in a correct way.
- Maintain the documentation as EDIFACT develops and in response to user-requests.

The documentation is primarily written for people who are going to implement EDIFACT in applications and EDI-software.

1.1. Overview of messages in the power industry

For the time being the Message handbook for EDIEL consists of

DELFOR	Delivery schedule message
MSCONS	Metered Service Consumption Report
QUOTES	Quote message
REQOTE	Request for quotation message
SLSRPT	Sales data report message
APERAK	Application Acknowledgement

The following message types are under development:

INVOIC	Invoice message
PRODAT	Product data message
REQDOC	Request for document

At a later stage other messages will also be developed for use between parties in the power industry.

In addition a Functional description is available, which contains common descriptions for the different Implementation Guides. This includes relations between the different message types, use of codes and code lists, special conditions between the countries (such as use of time zones), terms and notation, use of header and trailer segments (UNB and UNZ) etc.

2. GENERAL DESCRIPTION OF THE REQDOC MESSAGE

2.1. Functional Definition

The Request for Document is a message sent between parties in the power industry, enabling to request the sending, or resending, of data, either as a document or message, or in some other agreed form.

2.2. Principles

The following principles apply to the Request for Document message:

- The message is used to request a document to be sent, either electronically or otherwise. Its use should be limited to requesting documents, for which there is no other more specific message already provided (e.g. Request for Quotation).

- Parties can request documents on their own behalf, or on behalf of third parties.

- The message can be used to request individual documents by identity, or by specifying product and/or other related data to retrieve all relevant documents.

- Typical uses of the Request for Document Message are to request information from a data base (e.g. requesting a copy of a test certificate), requesting catalogue data, and requesting statements of account.

The information is transferred as:
- General information
- Requested information

3. REFERENCES

This Implementation guide is based on the following documents.

[1] **Norsk veiledning i bruk av EDIFACT**, version 2.0, November 1991 with addition of January 1994.

[2] **UN/EDIFACT Draft directory**, D.96A

[3] **Message handbook for EDIEL, Functional description**

[4] **ISO 9735**, version 2, 1990.11.01

[5] **UN/EDIFACT Draft directory**, D.98A

3.1. Precedence

If there should be any conflict regarding this Implementation guide or between this Implementation guide and other documents, the following precedence shall be used:

1 UN/EDIFACT Draft directory, D.96A [2]
2 The Functional description [3]
3 This Implementation guide.

In this Implementation guide the EDIFACT message type is described in different ways. If there should be any conflict regarding the different descriptions, the detailed description in the last chapter should be used.

4. QUALITY ASSURANCE

This document is written by Vattenfall Transmission AB on behalf of EDIEL. Members of the EDIEL-organisation have taken part in the development through the work.

The present document has the following status:

- **Under development – not for implementation**

4.1. Version number

The Implementation Guide will have 3 levels of version numbering. This will be Version, Release and Correction:

- The Correction (last number) will be updated when there have been «cosmetic» changes, like correction of examples, adding some text etc.
- The Release number will be updated when there have been minor changes to the IG, like adding several new codes etc.
- The Version number (first number) will be updated when there have been major changes, like new segments, data elements etc.

5. SPECIAL CONDITIONS

In this message it is possible to request information concerning a very large period of time. E.g. You can request measured timevalues for a whole year or similar. But such a request will result in a too large message from the receiver of this request.
Due to this there must be restrictions in the applications making these requests. They must not request information that will result in too large messages back to the application.
One simple rule is not to ask for information concerning a longer period than a month.

Another possible use of the message is to request information that You is not allowed to have. E.g. information concerning another company within the power industry. There must be restrictions in the applications receiving the requests not allowing unauthorised companies to get requested information that not normally should be sent to them.

In the ideal situation there might be automatic handling of this message. For instance the sender of the request can have an application with rules to automatically send out requests. The receiver of a request also has an application that automatically can send out what has been requested, or give a signal to an operator what has been requested if the information can not be sent out automatically.

5.1. Unsolved questions

In this chapter, that not will be included in the final version of the guide, there will be stated unsolved questions concerning the structure and information in this implementation guide.
In version 0.4 there has been added "answers/solutions" to these questions.

1) Shall we use Contact Person in the guide?
2) Is there also a need for telephone number, telefax number etc.?
   Answer: Both contact person and communication numbers are included in version 0.4 as optional data elements.
3) Is there a need for having the possibility to give a reference to a Message Id? Do really the receiver know the Message Id to ask for?
   Answer: The reference to Message Id "Referenced document" *has been removed.*
4) Are there other messages to request? (PRODAT, SLSRPT, etc.) If there are, codes must be added in the DOC-segment, data element 1001, one or more for each type of message.
   Answer: Have added a code, 310, to request quotation-messages.
5) What code should be used in the BGM-segment for Message name? (data element 1001)
   Answer: Are now using the code: "251 Inquiry - This is a request for information", which is a new code from D.98A.
6) Is it something more about the "requested document" that should be stated in the message? (Request for EDI-message or telefax)
7) We must discuss if we not shall have another code in the NAD-segment telling to whom the requested message should be sent. The sender of the request is perhaps not the one that should get the requested information.
   Answer: There is at the moment no need for a new code in the NAD-segment, so no code has been added in version 0.4.
8) Is there a need to identify the type of the requested item (e.g. a Serial Id), and then also a code list responsible? See the LIN-segment.
   Answer: Code list responsible has been included, but not an identifier.

New questions (and answers) in version 0.4

9) Shall we have a code for requesting a PRODAT-message?
10) Is there a need to have timeperiods both in the header and in the detail of the message? In this version, 0.4, you can only use timeperiod in the detail.
11) Shall we use the PIA-segment in SG4 to tell the product code? The segment has been included in version 0.4.

Another changes to version 0.4
"Request for acknowledgement" in the BGM-segment has been removed. There is not likely to need this when sending a REQDOC-message.

6. OVERVIEW OF THE MESSAGE

6.1. Data model for Request for Document message

Below is shown a data model for the Request for Document message:

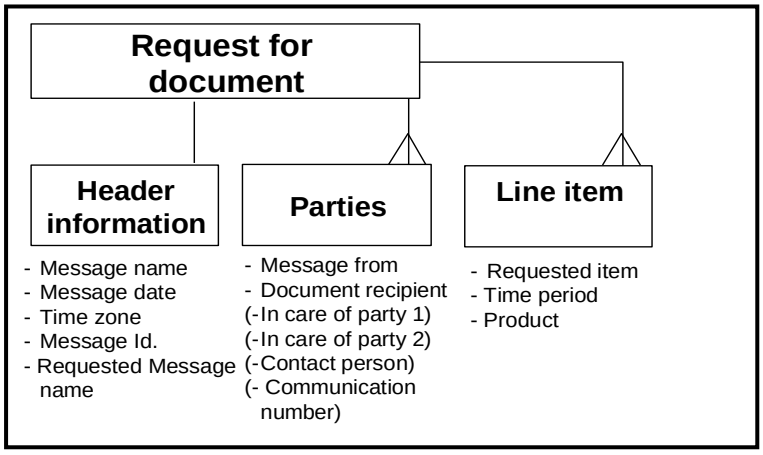

Figure 1 *Data model for Request for Document*

The Attributes in parentheses are conditional attributes and are not necessarily transferred.

6.2. Cue list

Below is a table describing the EDIFACT message and the relation to the attributes in the data model.

General information about the message				
	UNH	M	1	Message reference Message type
	BGM	M	1	Message name Message Id.
	DOC	M	1	Requested Message name
	DTM	M	2	Message date Time zone
Parties				
	SG. 2	R	4	
	NAD	M	1	Message from Document recipient (In care of party 1) (In care of party 2)
Contact person				
	SG. 3	O	1	
	CTA	M	1	(Contact person)
	COM	O	3	(Telephone number) (Telefax number) (E-mail adress)
Line Item				
	SG. 4	M	999	
	LIN	M	1	Line Number Requested item
	DTM	D	1	Time period
	PIA	D	1	Product
	UNT	M	1	Message trailer

At least the segment groups (with corresponding segments) marked with R or M have to be used in every message.

6.3. Message diagram

The Message diagram below shows the subset of the standard EDIFACT message that is used in this IG. All segments and segments groups are shown according to the classification in this subset. For a complete overview over the EDIFACT standard message, please see the next chapter (segment table).

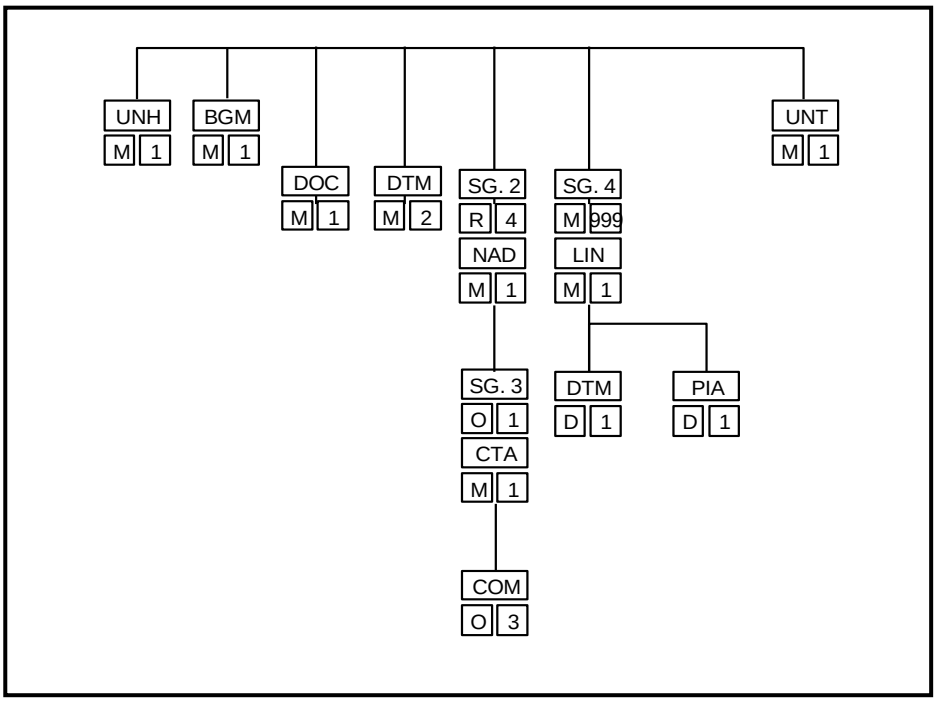

Figure 2 *Message diagram for the Request for document message*

6.4. Segment table

In this chapter the segment table for the REQDOC message is shown by the way it is described in version D, release 96A of the EDIFACT directory. The segments and segment groups that are used in this IG are shown with bold letters.

	HEADER SECTION			
UNH	**Message header**	**M**	**1**	
BGM	**Beginning of message**	**M**	**1**	
DOC	**Document/message details**	**M**	**1**	
DTM	**Date/time/period**	**M**	**9**	
	------ Segment group 1 ----------	C	9	------+
RFF	Reference	M	1	¦
DTM	Date/time/period	C	5	------+
	------ Segment group 2 ----------	**M**	**9**	**------+**
NAD	**Name and address**	**M**	**1**	**¦**
LOC	Place/location identification	C	1	¦
				¦
	------ Segment group 3 ----------	**C**	**9**	**-----+¦**
CTA	**Contact information**	**M**	**1**	**¦¦**
COM	**Communication contact**	**C**	**9**	**------+**
	DETAIL SECTION			
	------ Segment group 4 ----------	**M**	**999**	**------+**
LIN	**Line item**	**M**	**1**	**¦**
GIS	General indicator	C	9	¦
DTM	**Date/time/period**	**C**	**9**	**¦**
PIA	**Additional product id**	**C**	**9**	**¦**
IMD	Item description	C	9	¦
MEA	Measurements	C	9	¦
				¦
	------ Segment group 5 ----------	C	9	-----+¦
RFF	Reference	M	1	¦¦
DTM	Date/time/period	C	9	-----+¦
				¦
	------ Segment group 6 ----------	M	9	-----+¦
NAD	Name and address	M	1	¦¦
LOC	Place/location identification	C	1	¦¦
				¦¦
	------ Segment group 7 ----------	C	9	----+¦¦
CTA	Contact information	M	1	¦¦¦
COM	Communication contact	C	9	------+
	SUMMARY SECTION			
UNT	**Message trailer**	**M**	**1**	

6.5. Description of segments used

Below the segments and segment groups used in this IG are described. The description is copied from version D, release 96A of the UN/EDIFACT directory. *The way EDIEL uses the segments is described in the next chapter.*

NOTE: Segments not used by EDIEL will be removed from this chapter in the final version of the implementation guide.

UNH, Message header
A service segment starting and uniquely identifying a message. The message type code for the Request for document message is REQDOC.

Note: Request for document messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 REQDOC
0052 D
0054 96A
0051 UN

BGM, Beginning of message
A segment by which the sender must uniquely identify the request for document by means of its type and number.

DOC, Document/message details
A segment indicating the type of document that is required, how many copies, and in what form it is required, e.g. EDI, mail, etc.

DTM, Date/time/period
A segment specifying general dates and, when relevant, times related to the whole message. The request preparation date must be specified using this segment.

Segment group 1: RFF-DTM
A group of segments for giving references and where necessary, their dates, relating to the whole message.

RFF, Reference
A segment identifying the reference by its number and where appropriate a line number within the document.

DTM, Date/time/period
A segment specifying the date/time related to the reference.

Segment group 2: NAD-LOC-SG3
A group of segments identifying the parties with associated information.

NAD, Name and address
A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the request for document message. Identification of the sender of the request and the recipient is mandatory for the request for document message. It is recommended that where possible only the coded form of the party ID should be specified e.g. the sender and receiver of the report are known to each other, thus only the coded ID is required, but when a new address might have to be clearly specified, e.g. where the document is to be sent to a third party, this should be done preferably in structured format.

LOC, Place/location identification
A segment to identify a location within the above name and address.

Segment group 3: CTA-COM
A group of segments giving contact details of the specific person or department within the party identified 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 4: LIN-GIS-DTM-PIA-IMD-MEA-SG5-SG6
A group of segments providing details of what information is required to be included in the document. There must be at least one occurrence of Segment group 4 within a request for document message.

LIN, Line item
A segment identifying the line item of the message by the line number and optionally identifying the product or service to be included in the document/message.

GIS, General indicator
A segment allowing the user to specify any special processing requirements, e.g. that all related documents are also required.

DTM, Date/time/period
A segment identifying the date that pertain to the document, e.g. original date, required by date.

PIA, Additional product id
A segment providing additional identification of the product to which the document pertains.

IMD, Item description
A segment used to identify the product by free format or semi- structured description. Used when no appropriate code is available in the PIA segment to fully describe the product.

MEA, Measurements
A segment to describe the physical measurements of the required product, e.g. length, height, weight.

Segment group 5: RFF-DTM
A group of segments providing references, and if required applicable dates, pertaining to the above document.

RFF, Reference
A segment to identify applicable references to be included in the document, e.g. order number, certificate number.

DTM, Date/time/period
A segment to provide dates/times applicable to the above references.

Segment group 6: NAD-LOC-SG7
A group of segments allowing documents to be individually addressed to either particular places, and or particular people within locations.

NAD, Name and address
A segment to identify other parties requiring the document.

LOC, Place/location identification
A segment to further qualify the above address.

Segment group 7: CTA-COM
A group of segments to identify individual contacts relevant to the above party.

CTA, Contact information
A segment to specify contact person or department.

COM, Communication contact
A segment to specify the communication channel and identifier for the above person / department.

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.

7. DETAILED DESCRIPTION OF THE MESSAGE

In this chapter all segments and segment groups are specified in detail. In the left column you will find a list over the attributes used.

The EDIFACT segments listed are copies of those defined in the original UN/EDIFACT directory except for data elements defined as conditional (C) which are exchanged with the classification described in the Functional Description [3].

MESSAGE: REQDOC SG 0

Function: The Request for Document is a message sent between parties in the power industry, enabling to request the sending, or resending, of data, either as a document or message, or in some other agreed form.
Segments: UNH, BGM, DOC, DTM

UNH Message header
Function: A service segment to start and identify a message.
Classification: Mandatory (M1).
Comments:
Example: UNH+1+REQDOC:D:96A:UN:EDIEL2'

		Ref.	Name	Cl.	Form.	Description
Message-reference	>	0062	MESSAGE REFERENCE NUMBER	M	an..14	The message reference uniquely identifies the message in the interchange. This can for instance be done by using a sequence number that identifies each message in the interchange. The first message will have reference no. 1, the second message will have reference 2, etc. The reference can be set to 1 in the first message of the next interchange.
		S009	MESSAGE IDENTIFIER	M		
Message-type	>	0065	Message type identifier	M	an..6	**Code:** REQDOC
		0052	Message type version number	M	an..3	**Code:** D
		0054	Message type release number	M	an..3	**Code:** 96A
		0051	Controlling agency	M	an..2	**Code:** UN
		0057	Association assigned code	R	an..6	**Code:** EDIEL2
		0068	COMMON ACCESS REFERENCE	X	an..35	
		S010	STATUS OF THE TRANSFER	X		
		0070	Sequence message transfer number	X	n..2	
		0073	First/last seq. mess. transfer. indicator.	X	a1	

BGM Beginning of message
Function: A segment for the unique identification of the Request for Document, by means of its name and its number.
Classification: Mandatory (M1).
Comments:
Example: BGM+251+REQ1234'

		Ref.	Name	Cl.	Form.	Description
		C002	DOCUMENT/MESSAGE NAME	R		
Message name	>	1001	Document/message name, coded	R	an..3	**Code:** 251 Inquiry - This is a request for information
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	X	an..3	
		1000	Document/message name	X	an..35	
Message Id.	>	1004	DOCUMENT/MESSAGE NUMBER	R	an..35	Unique Id. of the message. Shall be unique over time for each party.
		1225	MESSAGE FUNCTION, CODED	X	an..3	
		4343	RESPONSE TYPE, CODED	X	an..3	

DOC Document/message details
Function: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.
Classification: Mandatory (M1).
Comments:
Example: DOC+7'

		Ref.	Name	Cl.	Form.	Description
		C002	DOCUMENT/MESSAGE NAME	R		
Requested Message name	>	1001	Document/message name, coded	R	an..3	**Code:** 7 Process data report (MSCONS) 241 Delivery schedule (DELFOR) 310 Offer/quotation (QUOTES)
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	X	an..3	
		1000	Document/message name	X	an..35	
		C002	DOCUMENT/MESSAGE NAME	X		
		1001	Document/message number	X	an..3	
		1373	Document/message status, coded	X	an..3	
		1366	Document/message source	X	an..35	
		3453	Language, coded	X	an..3	
		1004	COMMUNICATION CHANNEL IDENTIFIER, CODED	X	an..3	
		1220	NUMBER OF COPIES OF DOCUMENT REQUIRED	X	n..2	
		1218	NUMBER OF ORIGINALS OF DOCUMENT REQUIRED	X	n..2	

DTM Date/time/period
Function: A segment specifying the date, and the time/period of the beginning and ending of the processing date/period of the document.
Classification: Mandatory (M2).
Comments: Both repetitions are required - Message data and Offset to UTC. See the Functional description for a description on the use of Time Zone.
Example: DTM+137:199806231205:203'

		Ref.	Name	Cl.	Form.	Description
		C507	DATE/TIME/PERIOD	M		
		2005	Date/time/period qualifier	M	an..3	**Code**: 137 Message date ZZZ Offset to UTC (GMT)
Message date and Processing date/period	>	2380	Date/time/period	R	an..35	Date/time/period
		2379	Date/time/period format qualifier	R	an..3	**Code**: 203 YYYYMMDDHHmm, (137) 805 Hour, (ZZZ)

MESSAGE: REQDOC SG 2

Function: A group of segments identifying names, addresses, locations, and contacts relevant to the whole message.
Classification: Required (R4).
Comments: Two repetitions are required.
Segments: NAD, SG. 4

NAD Name and address
Function: A segment for identifying names and addresses and their functions relevant for the whole message.
Classification: Mandatory (M1).
Comments:
- See the Functional description for a description of the use of data elements C082 1131 and C082 3055.
- Code «FR» and «DO» in data element 3035 are required

Example: NAD+FR+123456789:NO3:82++++OSLO'

		Ref.	Name	Cl.	Form.	Description
		3035	PARTY QUALIFIER	M	an..3	**Code:** FR Message from DO Document recipient C1 In care of party no. 1 C2 In care of party no. 2
		C082	PARTY IDENTIFICATION DETAILS	R		
Party Id.	>	3039	Party id identification	M	an..35	Party identification
		1131	Code list qualifier	D	an..3	**Code:** 100 Enhanced party identification 160 Party identification NO3 Company registration no. from «Foretaksregisteret» in Norway
Code list responsible	>	3055	Code list responsible agency, coded	R	an..3	**Code:** 9 EAN (International Article Numbering association) 82 «Enhetsregisteret» in Norway EDI Other Id. than power plant SLY Finnish Electricity Association SM Nord Pool ASA SVK Svenska Kraftnät
		C058	NAME AND ADDRESS	X		
		3124	Name and address line	X	an..35	
		3124	Name and address line	X	an..35	
		3124	Name and address line	X	an..35	
		3124	Name and address line	X	an..35	
		3124	Name and address line	X	an..35	

		C080	PARTY NAME	X		
		3036	Party name	X	an..35	
		3036	Party name	X	an..35	
		3036	Party name	X	an..35	
		3036	Party name	X	an..35	
		3036	Party name	X	an..35	
		3045	Party name format, coded	X	an..3	
		C059	STREET	X		
		3042	Street and number/P.O. Box	X	an..35	
		3042	Street and number/P.O. Box	X	an..35	
		3042	Street and number/P.O. Box	X	an..35	
Place	>	3164	CITY NAME	O	an..35	Place (for generation of message)
		3229	COUNTRY SUB-ENTITY IDENTIFICATION	X	an..9	
		3251	POSTCODE IDENTIFICATION	X	an..9	
Country	>	3207	COUNTRY, CODED	O	an..3	**Code:** DK Denmark FI Finland NO Norway SE Sweden

MESSAGE: REQDOC SG 3

Function: A group of segments to identify people, or departments.
Classification: Optional (O1).
Comments: Normally used for sender (code «FR» in NAD, SG. 2). Used when personal contact is needed and when the receiver is likely not to now whom to contact.
Segments: CTA, COM

CTA Contact information
Function: A segment to identify the person, or department to whom communication should be directed.
Classification: Mandatory (M1).
Comments: «MR» is used together with «DO» in NAD, SG. 2
«MS» is used together with «FR» in NAD, SG. 2
«IC» is used together with «C1» in NAD, SG. 2
Example: CTA+MS+:Ole Olsen'

		Ref.	Name	Cl.	Form.	Description
		3139	CONTACT FUNCTION, CODED	R	an..3	**Code:** IC Information contact MR Message recipient contact MS Message sender contact
		C056	DEPARTMENT OR EMPLOYEE DETAILS	R		
		3413	Department or employee identification	X	an..17	
Contact	>	3412	Department or employee	R	an..35	Contact person or department

COM Communication contact
Function: A segment to identify a communications type and number for the contact specified in the CTA segment.
Classification: Optional (O1).
Comments:
Example: COM+mr.power@power.com:EM'

		Ref.	Name	Cl.	Form.	Description
		C076	COMMUNICATION CONTACT	M		
Comm.	>	3148	Communication number	M	an..512	Communication number
number		3155	Communication channel qualifier	M	an..3	**Code:** TE Telephone FX Telefax EM Electronic mail

MESSAGE: REQDOC — SG 4

Function: A group of segments providing details of what information is required to be included in the document.
Classification: Mandatory (M999).
Comments: At least one repetition is required.
Segments: LIN, DTM

LIN Line item
Function: A segment enabling to identify the items that are requested
Classification: Mandatory (M1).
Comments: C212 is used if there is a specified item that is required, e.g. a Serial Id.
Example: LIN+1++10001ABCXYZ:::SVK'

		Ref.	Name	Cl.	Form.	Description
		1082	LINE ITEM NUMBER	R	n..6	Line number (sequence number)
		1229	ACTION REQUEST/ NOTIFICATION, CODED	X	an..3	
		C212	ITEM NUMBER IDENTIFICATION	D		
Requested item	>	7140	Item number	R	an..35	E.g. Serial Id
		7143	Item number type, coded	X	an..3	
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	R	an..3	**Code:** 9 EAN (International Article Numbering association) 91 Assigned by seller 92 Assigned by buyer ELT Eltra SLY Finnish Electricity Association SM Nord Pool ASA SVK Svenska Kraftnät
		C829	SUB-LINE INFORMATION	X		
		5495	Sub-line indicator, coded	X	an..3	
		1082	Line item number	X	n..6	
		1222	CONFIGURATION LEVEL	X	n..2	
		7083	CONFIGURATION, CODED	X	an..3	

DTM Date/time/period
Function: A segment identifying the date, time or period for the requested item.
Classification: Dependent (R1).
Comments:
- The segment is used if there is a relevant time period for the requested item.
- Time zone is defined in DTM in SG 0. See the Functional description for a description on the use of the format qualifier.
- Code «203» in data element C507 2005 is used for requesting instant values.

Example: DTM+324:199805080100199805082400:Z13'

		Ref.	Name	Cl.	Form.	Description
		C507	DATE/TIME/PERIOD	M		
		2005	Date/time/period qualifier	M	an..3	**Code:** 324 Processing date/period
Time period	>	2380	Date/time/period	R	an..35	Time
		2379	Date/time/period format qualifier	R	an..3	**Code**: 203 YYYYMMDDHHmm Z13 YYYYMMDDHHmm-YYYYMMDDHHmm (Without hyphen)

PIA Additional product id
Function: A segment providing additional identification of the product to which the document pertains.
Classification: Dependent (D1).
Comments: Shall be used if a requested item is used in the LIN-segment, but can also be used otherwise to give information about the requested type of information.
Example: PIA+5+1001:::SVK'

		Ref.	Name	Cl.	Form.	Description
		4347	PRODUCT ID FUNCTION QUALIFIER	M	an..3	**Code:** 5 Product identification
Product	>	C212	ITEM NUMBER IDENTIFICATION	M		
		7140	Item number	R	an..35	**Code:** (See separate code lists)
		7143	Item number type, coded	X	an..3	
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	R	an..3	**Code:** 9 EAN (International Article Numbering association) ELT Eltra SLY Finnish Electricity Association SM Nord Pool ASA SVK Svenska Kraftnät
		C212	ITEM NUMBER IDENTIFICATION	X		
		7140	Item number	X	an..35	
		7143	Item number type, coded	X	an..3	
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	X	an..3	
		C212	ITEM NUMBER IDENTIFICATION	X		
		7140	Item number	X	an..35	
		7143	Item number type, coded	X	an..3	
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	X	an..3	
		C212	ITEM NUMBER IDENTIFICATION	X		
		7140	Item number	X	an..35	
		7143	Item number type, coded	X	an..3	
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	X	an..3	
		C212	ITEM NUMBER IDENTIFICATION	X		
		7140	Item number	X	an..35	
		7143	Item number type, coded	X	an..3	
		1131	Code list qualifier	X	an..3	
		3055	Code list responsible agency, coded	X	an..3	

MESSAGE: REQDOC SG 0

Function: Summary section
Classification: Mandatory (M1).
Comments:
Segments: UNT

UNT Message trailer
Function: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.
Classification: Mandatory (M1).
Comments:
Example: UNT+10+1'

Ref.	Name	Cl.	Form.	Description
0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	n..6	Number of segments in the message, including UNH and UNT.
0062	MESSAGE REFERENCE NUMBER	M	an..14	Control reference number. Equal to 0062 in UNH

APPENDIX - EXAMPLE OF AN EDIFACT MESSAGE

UNA:+.? '
UNB+UNOB:2+12345:ZZ+102965662952:82+980623:1206+AP197303103332'
UNH+1+REQDOC:D:96A:UN:EDIEL2'
BGM+251+REQ1234++NA'
DOC+7+AVR1234'
DTM+137:199806231205:203'
DTM+ZZZ:1:805'
NAD+DO+965662952:NO3:82'
NAD+FR+12345:160:SVK'
LIN+1++98765432ABCXYZ:::SVK’
DTM+324:199805080100199805082400:Z13'
PIA+5+1001:::SVK’
UNT+11+1'
UNZ+1+AP197303103332'