

## Anwendungstabelle

## AckowledgementDocument

für den Redispatch 2.0

Konsolidierte Lesefassung mit Fehlerkorrekturen Stand: 08.09.2021

Version: 1.0

Publikationsdatum: 01.04.2021

Autor: BDEW



Acknowled	lgementDocument SD	initialen St mit	lung von ammdaten DP	angere	tlung von icherten ten mit DP
	Prozessschritt [2]	1	2	1	2
Häufigkeit	Element/ Attribut	DP	NB (ANB)	DP	NB (betroffener NB)
	attribut	EIV	DP	NB (ANB)	DP
required	DtdVersion	5	5	5	5
required	DtdRelease	1	1	1	1
optional	DtdBDEWNachrichtenVersion xsd:sequence	1.0	1.0	1.0	1.0
11	DocumentIdentification				
required	v	х	х	х	х
11	DocumentDateTime				
required	V Conducted antification	X	X	X	X
11 required	SenderIdentification	MP-ID DP	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11	SenderRole				
required	ν	A39	A18	A39	A18
11	ReceiverIdentification v	MP-ID EIV	MD ID DD	MP-ID NB	MDIDDD
required required	v codingScheme		A10 NDE	A10   NDE	MP-ID DP A10 NDE
11	ReceiverRole				
required	v	A27	A39	A18	A39
01	ReceivingDocumentIdentification				
required 01	V ReceivingDocumentVersion	X	X	X	X
required	V				
01	ReceivingDocumentType			•••••	
required	V	Z02	Z02	Z03	Z03
01	ReceivingPayloadName				
required 01	DateTimeReceivingDocument				
required	V	х	х	х	x
0 unbounded	TimeSeriesRejection				
11	xsd:sequence				
11 required	SendersTimeSeriesIdentification  v	<>	<>	<>	<>
0 unbounded		~	······································	~	
11	xsd:sequence				
11	QuantityTimeInterval				
required	ν j Reason	<>	<>	<>	<>
1 unbounded	xsd:sequence				
11	ReasonCode			•••••	
required	v	<>	<>	<>	<>
01	ReasonText				
required  O unbounded	y Reason	<>	<>	<>	<>
11	xsd:sequence				
11	ReasonCode				
required	V	<>	<>	<>	<>
01 required	ReasonText v	<>	<>	<>	<>
1 unbounded					
11	xsd:sequence				
11	ReasonCode	404   405	4041400	404 / 400	4041400
required 01	v ReasonText	A01 A02	A01 A02	A01 A02	A01 A02
required	v v	[1]	[1]	[1]	[1]
0 unbounded					
11	xsd:sequence				
11	QuantityTimeInterval				
required  1 unbounded	ν B Reason	<>	<>	<>	<>
11	xsd:sequence				
11	ReasonCode				
required	ν	<>	<>	<>	<>
01	ReasonText				
required	v	<>	<>	<>	<>



Acknowled	dgement Document SD Prozessschritt [2]	1 2		Übermittlung Stammdatenänderung vom (Anschluss-)NB (verantwortlich) 1 2	
Häufigkeit	Element/ von Attribut	DP	NB (betroffener NB)	DP	NB (betroffener NB)
	an	EIV	DP	NB (ANB)	DP
required	DtdVersion	5	5	5	5
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	1 1.0
11	xsd:sequence	1.0	1.0	1.0	1.0
11	DocumentIdentification				
required	v DocumentDateTime	X	x	X	X
required	v	x	х	x	x
11	SenderIdentification		•••••		•••••
required	V	MP-ID DP	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme SenderRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE
required	v	A39	A18	A39	A18
11	ReceiverIdentification	MAD ID EN	MAD ID DD	MAD ID NID	MD ID DD
required required	v codingScheme	MP-ID EIV A10 NDE	MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID DP A10 NDE
11	ReceiverRole	71101110	7110]1102	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
required	V	A27	A39	A18	A39
01 required	ReceivingDocumentIdentification	v	v	v	v
0 1	ReceivingDocumentVersion	X	X	X	X
required	ν				
01	ReceivingDocumentType	702	702	702	702
required 01	ReceivingPayloadName	Z02	Z02	Z03	Z03
required	v				
01	DateTimeReceivingDocument				
o unbounder	v d TimeSeriesRejection	X	X	X	X
11	xsd:sequence				
11	SendersTimeSeriesIdentification				
required	V	<>	<>	<>	<>
0 unbounded	d TimeIntervalError xsd:sequence				
11	QuantityTimeInterval				
required	v	<>	<>	<>	<>
1 unbounded	d Reason  xsd:sequence				
11	ReasonCode				
required	v	<>	<>	<>	<>
01	ReasonText	<>	<>	<>	<>
required  O unbounder	d Reason	~		~	······································
11	xsd:sequence				
11	ReasonCode				
required 01	ν ReasonText	<>	<>	<>	<>
required	V	<>	<>	<>	<>
1 unbounde	****				
11	xsd:sequence  ReasonCode				
required	v	A01 A02	A01 A02	A01 A02	A01 A02
01	ReasonText				
required	V TimoIntervalError	[1]	[1]	[1]	[1]
0 unbounded	d TimeIntervalError  xsd:sequence				
11	QuantityTimeInterval				
required	V	<>	<>	<>	<>
1 unbounder	d Reason xsd:sequence				
11	ReasonCode	l			
required	ν	<>	<>	<>	<>
01	ReasonText				
required	v	<>	<>	<>	<>



Acknowled	dgementDocument SD	Übermittlung Cluster-Res Stammdaten z mit l	ssourcen- zwischen NB DP	Übermittlung von initialen Cluster- Ressourcen Stammdaten zwischen NB ohne DP	
	Prozessschritt [2]		NB	1	
Häufigkeit	Element/ von Attribut		(betroffener NB)	NB (betroffener NB)	
	an	NB (clusternder NB)	DP	NB (clusternder NB)	
required required	DtdVersion DtdRelease	5 1	5 1	5 1	
optional	DtdBDEWNachrichtenVersion	1.0	1.0	1.0	
11	xsd:sequence				
11 required	DocumentIdentification v	v	v	V	
1 1	DocumentDateTime	X	X	X	
required	V	x	X	x	
11	SenderIdentification				
required required	v codingScheme	MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID NB A10 NDE	
11	SenderRole	AIO(NDL	AIOJIVDE	ATONIDE	
required	v	A39	A18	A18	
11	ReceiverIdentification  v	MP-ID NB	MP-ID DP	MP-ID NB	
required required	v codingScheme	A10 NDE	A10 NDE	A10 NDE	
11	ReceiverRole				
required	v	A18	A39	A18	
01 required	ReceivingDocumentIdentification	v	x	v	
01	ReceivingDocumentVersion	X		X	
required	v				
01	ReceivingDocumentType				
required 01	v ReceivingPayloadName	Z04	Z04	Z04	
required	V				
01	DateTimeReceivingDocument				
required	V	х	X	X	
<b>0</b> unbounde 1 1	d TimeSeriesRejection  xsd:sequence				
11	SendersTimeSeriesIdentification				
required	ν	<>	<>	<>	
0 unbounde					
11	xsd:sequence QuantityTimeInterval				
required	V	<>	<>	<>	
1 unbounde					
11	xsd:sequence				
11 required	ReasonCode v	<>	<>	<>	
01	ReasonText				
required	ν	<>	<>	<>	
0 unbounde 1 1	d Reason xsd:sequence				
11	ReasonCode				
required	v	<>	<>	<>	
01	ReasonText				
required  1 unbounde	ν d Reason	<>	<>	<>	
11	xsd:sequence				
11	ReasonCode				
required	V	A01 A02	A01 A02	A01 A02	
01 required	ReasonText V	[1]	[1]	[1]	
0 unbounde		(+)	(±)	[±]	
11	xsd:sequence				
11	QuantityTimeInterval		,		
required  1 unbounde	v d Reason	<>	<>	<>	
11	xsd:sequence				
11	ReasonCode				
required	V	<>	<>	<>	
01	ReasonText v		~		
required	V	<>	<>	<>	



Acknowled	dgementDocument SI Prozessschritt [2		tammdaten	Änderung der Cluster- Ressourcen- Stammdaten zwischen NB ohne DP	
Häufigkeit	Element/ voi		NB (betroffener NB)	NB (clusternder NB)	
	Attribut aı	NB (clusternder NB)	DP	NB (betroffener NB)	
required	DtdVersion	5	5	5	
required	DtdRelease	1	1	1	
optional	DtdBDEWNachrichtenVersion xsd:sequence	1.0	1.0	1.0	
11	DocumentIdentification				
required	v	х	X	X	
11 required	DocumentDateTime		v	v	
11	SenderIdentification	Х	X	X	
required	V	MP-ID DP	MP-ID NB	MP-ID NB	
required	codingScheme SenderRole	A10 NDE	A10 NDE	A10 NDE	
11 required	v V	A39	A18	A18	
11	ReceiverIdentification	,,,,,	7110	,,120	
required	V	MP-ID NB	MP-ID DP	MP-ID DP	
required	codingScheme  ReceiverRole	A10 NDE	A10 NDE	A10 NDE	
required	V	A18	A39	A18	
01	ReceivingDocumentIdentification				
required	V	x	X	X	
01 required	ReceivingDocumentVersion				
01	ReceivingDocumentType	-			
required	v	Z04	Z04	Z04	
01	ReceivingPayloadName				
required 01	DateTimeReceivingDocument				
required	v	x	х	x	
0 unbounde	d TimeSeriesRejection				
11	xsd:sequence SendersTimeSeriesIdentification				
required	v	<>	<>	<> <	
0 unbounde	d TimeIntervalError				
11	xsd:sequence				
11 required	QuantityTimeInterval v	<>	<>	<>	
1 unbounde		<u> </u>		~	
11	xsd:sequence				
11	ReasonCode				
required 01	v ReasonText	<><	<>	<>	
required	ν	<>	<>	<>	
0 unbounde					
11	xsd:sequence  ReasonCode				
required	v V	<>	<>	<>	
01	ReasonText				
required  1 unbounde	V Poscon	<>	<>	<>	
1 unbounde	d Reason xsd:sequence				
11	ReasonCode				
required	v	A01 A02	A01 A02	A01 A02	
01	ReasonText V	[1]	[1]	[1]	
required  O unbounde		[1]	[1]	[1]	
11	xsd:sequence				
11	QuantityTimeInterval				
required  1 unbounde	v d Reason	<>	<>	<>	
1 unbounde	xsd:sequence				
11	ReasonCode	1			
required	v	<>	<>	<>	
01	ReasonText				
required	v	<>	<>	<>	



Acknowled	dgementDocument SD	Nichtbean	nittlung von spruchbarkeiten NB mit DP	Übermittlung von marktbedingten Anpassungen an NB mit D im Prognosemodell	
	Prozessschritt [2]	1	2	1	2
Häufigkeit	Element/ von Attribut	DP	NB (betroffener NB)	DP	NB (betroffener NB)
	an	EIV	DP	EIV	DP
required	DtdVersion	5	5	5	5
required optional	DtdRelease DtdBDEWNachrichtenVersion	1	1	1	1
11	xsd:sequence	1.0	1.0	1.0	1.0
11	DocumentIdentification				
required	v	X	x	X	x
11 required	DocumentDateTime	V	V	v	V
11	SenderIdentification	X	X	X	X
required	ν	MP-ID DP	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11 required	SenderRole v	A39	A18	A39	A18
11	ReceiverIdentification	A33	A10	A33	A10
required	v	MP-ID EIV	MP-ID DP	MP-ID EIV	MP-ID DP
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11 required	ReceiverRole	A27	A39	A27	A39
01	ReceivingDocumentIdentification		,,,,,,		,,,,,,
required	V	х	x	X	x
01	ReceivingDocumentVersion				
required 01	ReceivingDocumentType	X	x	X	x
required	ν	A76 A80	A76 A80	A67	A67
01	ReceivingPayloadName				
required  01	v  DateTimeReceivingDocument				
required	v	x	x	x	×
0 unbounde	d TimeSeriesRejection				
11	xsd:sequence				
11 required	SendersTimeSeriesIdentification  v	<>	<>	<>	<b>&lt;&gt;</b>
0 unbounde					
11	xsd:sequence				
11	QuantityTimeInterval	<>	<> <	<>	
required  1 unbounde	d Reason	· · · · · ·	······································	<u> </u>	<>
11	xsd:sequence				
11 required	ReasonCode v		<>	<>	<>
0 1	ReasonText	<>	······································		
required	v	<>	<>	<>	<>
<b>0</b> unbounde 1 1					
11	xsd:sequence  ReasonCode	·····			
required	v	<>	<>	<>	<>
01	ReasonText				
required  1 unbounde	ν d Reason	<>	<>	<>	<>
1 1	xsd:sequence				
11	ReasonCode				
required	v	A01 A02	A01 A02	A01 A02	A01 A02
01 required	ReasonText v	[1]	[1]	[1]	[1]
0 unbounde		[+]	[+]	[+]	[+]
11	xsd:sequence				
11	QuantityTimeInterval				
required  1 unbounde	v d Reason	<>	<>	<>	<>
11	xsd:sequence				
11	ReasonCode				
required	V	<>	<>	<>	<>
01	ReasonText v	~			~
required	V	<>	<>	<>	<>



Acknowledg	gementDocument	Abruf i	m Aufforde	rungsfall r	mit Delta-/s	Sollwertanv	veisung
	SC Prozessschritt [2		2	3	4	5	6
Häufigkeit	Element/	n DP	EIV	DP -> NB	DP	LF	BKV
	Attribut a	n NB	DP	EIV	NB	DP	LF
	DtdVersion	5	5		5	5	5
optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0		1 1.0	1 1.0	1 1.0
11	xsd:sequence  DocumentIdentification						
required 11	V  DocumentDateTime	x	X		X	X	X
required	V	x	x		x	x	x
11 required	SenderIdentification  v	MP-ID DP	MP-ID EIV		MP-ID DP	MP-ID LF	MP-ID
required	codingScheme		A10 NDE			A10 NDE	
11 required	SenderRole v	A39	A27		A39	Z01	A08
11	ReceiverIdentification	A39	AZ/		A39	201	AUO
required	V		MP-ID DP			MP-ID DP	
required 11	codingScheme  ReceiverRole	A10 NDE	A10 NDE		A10 NDE	A10 NDE	A10 NDE
required	v	A18	A39		A18	A39	Z01
01 required	ReceivingDocumentIdentification  v	×	x		x	x	x
01	ReceivingDocumentVersion						
required 01	V ReceivingDocumentType	хх	X		X	X	X
required	v	A96	A96		A96	A96	A96
0 1	ReceivingPayloadName						
required  0 1	DateTimeReceivingDocument						
required	v	x	X		x	X	X
<b>0</b> unbounded 1 1	TimeSeriesRejection  xsd:sequence						
11	Senders Time Series Identification						
required  0 unbounded	v TimeIntervalError	<>	<>		<>	<>	<>
11	xsd:sequence						
11 required	QuantityTimeInterval v	<>	<>		<>	<>	<>
1 unbounded	Reason						
11 11	xsd:sequence						
required	ReasonCode v	<>	<>		<>	<>	<>
01	ReasonText						
required  0 unbounded	V Reason	<>	<>		<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>		<>	<>	<>
01	ReasonText						
required  1 unbounded	V Reason	<>	<>		<>	<>	<>
11	xsd:sequence						
11	ReasonCode	A01 LA02	A01   A02			A01   A02	A01   A02
required 0 1	v ReasonText	A01 A02	A01 A02		A01 A02	A01 A02	A01 A02
required	v	[1]	[1]		[1]	[1]	[1]
<b>0unbounded</b> 11	TimeIntervalError xsd:sequence						
11	QuantityTimeInterval	1					
required  1 unbounded	ν Reason	<>	<>		<>	<>	<>
1 1	xsd:sequence						
11	ReasonCode						~
required 01	v ReasonText	<>	<>		<>	<>	<>
required	v	<>	<>		<>	<>	<>



Acknowledge	mentDocument	SD	А	bruf im Du	ldungsfall	mit Sollwe	rtanweisun	ıg
	Prozessschri		1	2	3	4	5	6
Häufigkeit	Element/ Attribut	von	DP	EIV	DP -> NB	BTR	LF	BKV
	Attribut	an	NB	DP	EIV	EIV	DP	LF
- 1	dVersion		5	5		5	5	5
required	dRelease dBDEWNachrichtenVersion		1 1.0	1 1.0		1 1.0	1 1.0	1 1.0
	:sequence							
11 required	DocumentIdentification v		×	x		×	x	x
11	DocumentDateTime		<u>^</u>			<b>^</b>		
required	V		x	X		x	X	X
11 required	SenderIdentification v		MP-ID DP	MP-ID EIV		MP-ID	MP-ID LF	MP-ID
required	codingScheme			A10 NDE			A10 NDE	
11	SenderRole v		420	427		A 2.1	701	400
required 11	ReceiverIdentification		A39	A27		A21	Z01	A08
required	ν		MP-ID NB				MP-ID DP	
required	codingScheme  ReceiverRole		A10 NDE	A10 NDE		A10 NDE	A10 NDE	A10 NDE
required	V		A18	A39		A27	A39	Z01
01	ReceivingDocumentIdentification							
required 01	V ReceivingDocumentVersion		Х	x		x	x	x
required	ν		х	x		x	х	х
01	ReceivingDocumentType							
required 01	v ReceivingPayloadName		A96	A96		A96	A96	A96
required	ν							
01 required	DateTimeReceivingDocument v						v	
0 unbounded	TimeSeriesRejection		X	X		X	X	X
11	xsd:sequence							
11 required	Senders Time Series Identification  v		<>	<>		<>	<>	<>
0 unbounded	TimeIntervalError							
11	xsd:sequence							
11 required	<b>QuantityTimeInterval</b> <i>v</i>		<>	<>		<>	<>	<>
1 unbounded	Reason							
11	xsd:sequence  ReasonCode							
required	v		<>	<>		<>	<>	<b>&lt;&gt;</b>
01	ReasonText							
required  O unbounded	v Reason		<>	<>		<>	<>	<>
11	xsd:sequence							
11 required	ReasonCode			^			^	^
0 1	v ReasonText		<>	<>		<b>.</b>	<>	<>
required	<u>.</u>		<>	<>		<>	<>	<>
1 unbounded 1 1	Reason xsd:sequence							
11	ReasonCode							
required	V		A01 A02	A01 A02		A01 A02	A01 A02	A01 A02
01 required	ReasonText v		[1]	[1]		[1]	[1]	[1]
0 unbounded	TimeIntervalError		(±1	r=1		r=1	r=1	r=1
11	xsd:sequence							
11 required	QuantityTimeInterval v		<>	<>		<>	<>	<>
1 unbounded	Reason							
11	xsd:sequence  ReasonCode							
required	v v		<>	<>		<>	<>	<>
01	ReasonText							
required	v		<>	<>		<>	<>	<>



Acknowled	lgementDocument SD		_	rufs einer ste eisenden NB ı		einer ste Ressor anweisend	g des Abrufs uerbaren urce an en NB ohne
	Prozessschritt [2]	1	2	3	4	1	2
Häufigkeit	Element/ von Attribut	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
		NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
required	DtdVersion	5	5	5	5	5	5
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	1 1.0	1 1.0	1 1.0
11	xsd:sequence	2.0				2.0	2.0
11 required	DocumentIdentification v	v	v	v	v		
11	DocumentDateTime	X	X	X	X	X	X
required	V	x	x	X	x	х	X
11 required	SenderIdentification	MP-ID DP	MP-ID NB	MP-ID NB	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11	SenderRole	420	440	440	440	440	*40
required	V ReceiverIdentification	A39	A18	A18	A18	A18	A18
required	v	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID DP
required	codingScheme  ReceiverRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
required	v	A18	A39	A18	A39	A18	A18
01	ReceivingDocumentIdentification						
required 01	V ReceivingDocumentVersion	X	X	X	X	X	X
required	v	х	х	x	х	х	х
01	ReceivingDocumentType						
required 01	V ReceivingPayloadName	A96	A96	A41	A41	A96	A41
required	ν						
01	DateTimeReceivingDocument						
required  0 unbounded		X	X	X	X	X	X
11	xsd:sequence						
11 required	SendersTimeSeriesIdentification v	<>	<>	<>	<>	<>	<>
0 unbounded							
11	xsd:sequence						
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>	<> <
1 unbounded	j Reason						
11	xsd:sequence <b>ReasonCode</b>						
required	v	<>	<>	<b>&lt;&gt;</b>	<>	<>	<>
01	ReasonText						
required  0 unbounded	v H Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11	ReasonCode		_				
required 01	v ReasonText	<>	<>	<>	<>	<>	<>
required	v	<>	<>	<>	<>	<>	<>
1 unbounded	S Reason xsd:sequence						
11	ReasonCode						
required	V	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02
01 required	ReasonText v	[1]	[1]	[1]	[1]	[1]	[1]
0 unbounded	d TimeIntervalError						
11	xsd:sequence  QuantityTimeInterval						
required	Quantity i imeintervai v	<>	<>	<>	<>	<>	<>
1 unbounded	*****						
11	xsd:sequence <b>ReasonCode</b>						
required	v	<>	<>	<>	<>	<>	<>
01	ReasonText						
required	v	<b>&lt;&gt;</b>	<>	<>	<>	<>	<>



Acknowled	gementDocument	Abruf t	für eine Clust	mit DP		ine Cluster- e ohne DP	
	SD Prozessschritt [2]	1	2	3	4	1	2
Häufigkeit	Element/ von Attribut	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
	an	NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
	DtdVersion DtdRelease	5 1	5 1	5 1	5 1	5	5
. equ eu	Didnereuse DtdBDEWNachrichtenVersion	1.0	1.0	1.0	1.0	1 1.0	1 1.0
11 11	xsd:sequence  Documentidentification						
required	ν	x	xx	x	x	x	x
11 required	DocumentDateTime v	×	x	x	x	x	x
11	SenderIdentification						
required required	v codingScheme	MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID DP A10 NDE	MP-ID NB A10 NDE
11	SenderRole						
required	v ReceiverIdentification	A39	A18	A39	A18	A18	A18
required	v	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID DP
required 11	codingScheme  ReceiverRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
required	v	A18	A39	A18	A39	A18	A18
01 required	ReceivingDocumentIdentification v	х	х	x	х	х	x
01	ReceivingDocumentVersion			•••••			
required 01	v ReceivingDocumentType	X	X	X	X	X	X
required	V	A96	A96	A41	A41	A96	A41
01 required	ReceivingPayloadName v						
01	DateTimeReceivingDocument V						
required  0 unbounded		X	X	X	X	X	X
11	xsd:sequence SendersTimeSeriesIdentification						
11 required	v	<>	<>	<>	<>	<>	<>
0 unbounded	2 12 2						
11 11	xsd:sequence  QuantityTimeInterval						
required  1 unbounded	v Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>	<>	<>	<> <	<>
01	ReasonText	······································			······································		
required  0 unbounded	v Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>	<>	<>	<>	<>
01	ReasonText						
required  1 unbounded	ν Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02
01	ReasonText						•••••
required  0 unbounded	v TimeIntervalError	[1]	[1]	[1]	[1]	[1]	[1]
11	xsd:sequence						
11 required	QuantityTimeInterval v	<>	$\Diamond$	<>	<> <	<> <	<>
1 unbounded				I			
11 11	xsd:sequence <b>ReasonCode</b>						
required	V	<>	<>	<>	<>	<>	<>
01	ReasonText	Ī		I			



Acknowled	dgementDocument	Abru	ıf für eine Ste	euergruppe m	it DP		ür eine pe ohne DP
	SD Prozessschritt [2]	1	2	3	4	1	2
Häufigkeit	Element/ von Attribut	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
		NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
required	DtdVersion DtdPelares	5	5	5	5	5	5
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	1 1.0	1 1.0	1 1.0
11	xsd:sequence						
11	DocumentIdentification  v						
required 11	DocumentDateTime	X	X	X	X	X	X
required	v	х	X	X	x	x	X
11 required	SenderIdentification v	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11	SenderRole						
required 11	V ReceiverIdentification	A39	A18	A39	A18	A18	A18
required	v	MP-ID NB	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID NB	MP-ID DP
required	codingScheme ReceiverRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11 required	ReceiverRole V	A18	A39	A18	A39	A18	A18
01	ReceivingDocumentIdentification	, , , , , , , , , , , , , , , , , , , ,	,,,,,,		,.05	,,,,,,	
required	V Possiving Dosument Version	X	X	x	x	х	X
01 required	ReceivingDocumentVersion  v	х	x	x	х	х	х
01	ReceivingDocumentType						
required  01	v ReceivingPayloadName	A96	A96	A41	A41	A96	A41
required	V						
01	DateTimeReceivingDocument						
required  O unbounde	v ed TimeSeriesRejection	Х	X	X	X	X	X
11	xsd:sequence						
11	SendersTimeSeriesIdentification						
required  O unbounde	ν d TimeIntervalError	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11	QuantityTimeInterval	<>	<>	<>		<>	
required  1 unbounde	v ed Reason	· · · · · · · · · · · · · · · · · · ·	······································	······································	<>	· · · · · · · · · · · · · · · · · · ·	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>	<>	<>	<>	<>
01	ReasonText	· · · · · · · · · · · · · · · · · · ·				······································	
required	V	<>	<>	<>	<>	<>	<>
<b>0</b> unbounde 1 1	ed Reason xsd:sequence						
11	ReasonCode						
required	V	<>	<>	<>	<>	<>	<>
01 required	ReasonText v	<>	<>	<>	<b>&lt;&gt;</b>	<>	<>
1 unbounde	*****						
11	xsd:sequence  ReasonCode						
required	v	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02
01	ReasonText						
required  O unbounde	v ed TimeIntervalError	[1]	[1]	[1]	[1]	[1]	[1]
1 1	xsd:sequence						
11	QuantityTimeInterval						
required  1 unbounde	v ed Reason	<>	<>	<>	<>	<>	<>
1 1	xsd:sequence						
11	ReasonCode						
required 01	V ReasonTaxt	<>	<>	<>	<>	<>	<>
required	ReasonText v	<>	<>	<>	<b>&lt;&gt;</b>	<> <	<>
		t				B	



Acknowledge	mentDocument	Planur Planwert	ittlung von gsdaten im modell mit DP	im Prognosemodell oder für SG, C			
	Si Prozessschritt [2		2	1	2		
Häufigkeit	Element/		NB (betroffener NB)	DP	NB (betroffener NB)		
Hadiigheit	Attribut a	n EIV	DP	NB (ANB/clustNB)	DP		
required Dto	dVersion	5	5	5	5		
	dRelease	1	1	1	1		
•	dBDEWNachrichtenVersion d:sequence	1.0	1.0	1.0	1.0		
11	DocumentIdentification						
required	v	x	x	x	X		
11 required	DocumentDateTime v	х	x	x	x		
11	SenderIdentification						
required	V	MP-ID DP	MP-ID NB	MP-ID DP	MP-ID NB		
required <b>1 1</b>	codingScheme SenderRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE		
required	v	A39	A18	A39	A18		
11	ReceiverIdentification	MD ID 50	MDIDEE	NAD ID AID	MO ID CC		
required required	v codingScheme	MP-ID EIV A10 NDE	MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID DP A10 NDE		
11	ReceiverRole						
required	V	A27	A39	A18	A39		
<b>01</b> required	ReceivingDocumentIdentification  v	x	х	×	x		
01	ReceivingDocumentVersion						
required	V	x	x	x	X		
<b>01</b> required	ReceivingDocumentType  v	A14	A14	A14	A14		
01	ReceivingPayloadName						
required	V						
<b>01</b> required	DateTimeReceivingDocument  v	x	х	×	x		
0 unbounded	TimeSeriesRejection						
11	xsd:sequence SendersTimeSeriesIdentification						
11 required	v	<>	<>	<>	<>		
0 unbounded	TimeIntervalError						
11 11	xsd:sequence						
required	QuantityTimeInterval v	<>	<>	<>	<>		
1 unbounded	Reason						
11 11	xsd:sequence ReasonCode						
required	v	<>	<>	<>	<>		
01	ReasonText						
required  O unbounded	V Reason	<>	<>	<>	<>		
1 1	xsd:sequence						
11	ReasonCode						
required O 1	v ReasonText	<>	<>	<>	<>		
required	v	<>	<b>&lt;&gt;</b>	<>	<>		
1 unbounded	Reason						
11 11	xsd:sequence  ReasonCode						
required	v	A01 A02	A01 A02	A01 A02	A01 A02		
01	ReasonText	[4]	[4]	[4]	[4]		
required  O unbounded	ν TimeIntervalError	[1]	[1]	[1]	[1]		
1 1	xsd:sequence						
11	QuantityTimeInterval			_			
required  1 unbounded	v Reason	<>	<>	<>	<>		
11	xsd:sequence						
11	ReasonCode						
required O 1	v ReasonText	<>	<>	<>	<>		
· 1	REGOUTTERL	<>	<>				



Acknowledge	ementDocument SD	Übermittlung Planungsdaten für SR im Prognosemodell oder für SG, CR ohne DP	und angereicherte 4) zu Planungsdate	Sensitivitäten (1, 2) en Sensitivitäten (3, en für SR, SG und CR t DP	
	Prozessschritt [2]	1	1 und 3	2 und 4	
Häufigkeit	Element/	NB (betroffener NB)	DP	NB (vorgelNB ÜNB)	
ŭ	Attribut an	NB (ANB clustNB)	NB (ANB vorgelNB)	DP	
required Dt	tdVersion	5	5	5	
	tdRelease	1	1	1	
•	d:sequence	1.0	1.0	1.0	
11	DocumentIdentification				
required	ν	X	x	x	
11	DocumentDateTime				
required 11	V SenderIdentification	X	X	X	
required	ν	MP-ID NB	MP-ID DP	MP-ID NB	
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	
11 required	SenderRole v	۸10	A20	۸10	
1 1	ReceiverIdentification	A18	A39	A18	
required	v	MP-ID NB	MP-ID NB	MP-ID DP	
required	codingScheme ReceiverRole	A10 NDE	A10 NDE	A10 NDE	
11 required	ReceiverRole v	A18	A18	A39	
01	ReceivingDocumentIdentification	7,10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 03	
required	V	X	x	X	
01 required	ReceivingDocumentVersion				
01	ReceivingDocumentType	X	x	x	
required	ν ,	A14	Z08	Z08	
01	ReceivingPayloadName				
required 01	V  DateTimeReceivingDocument				
required	V	x	x	x	
0 unbounded	TimeSeriesRejection				
11	xsd:sequence				
11 required	SendersTimeSeriesIdentification  v	<>	<>	<>	
0 unbounded	TimeIntervalError	`````````````````			
11	xsd:sequence				
11	QuantityTimeInterval				
required  1 unbounded	v Reason	<>	<>	<>	
11	xsd:sequence				
11	ReasonCode				
required 01	v ReasonText	<>	<>	<>	
required	v V	<>	<>	<>	
0 unbounded	Reason				
11	xsd:sequence <b>ReasonCode</b>				
11 required	ReasonCode V	<>	<>	<>	
01	ReasonText				
required	V	<>	<>	<>	
1 unbounded	Reason xsd:sequence				
11	ReasonCode				
required	ν	A01 A02	A01 A02	A01 A02	
01	ReasonText	F41	[4]	[4]	
required  O unbounded	ν TimeIntervalError	[1]	[1]	[1]	
11	xsd:sequence				
11	QuantityTimeInterval				
required	V Posson	<>	<>	<>	
1 unbounded	Reason xsd:sequence				
11	ReasonCode				
required	V	<>	<>	<>	
01	ReasonText				
required	ν	<>	<>	<>	



Acknowled	dgementDocument SD	Übermittlung von Sensitivitäten und angereicherten Sensitivitäten zu Planungsdaten für SR, SG und CR ohne DP	Übermittlung prognostizierter Abruf und Info über Abruf über Planungsdaten mit DP		
	Prozessschritt [2]	1	1	2	
Häufigkeit	Element/ Attribut	NB (vorgeINB ÜNB)	DP	NB (betroffener NB)	
	an	NB (ANB vorgelNB)	NB (anfNB)	DP	
equired	DtdVersion	5	5	5	
equired	DtdRelease	1	1	1	
pptional L 1	DtdBDEWNachrichtenVersion xsd:seauence	1.0	1.0	1.0	
l1	DocumentIdentification				
equired	ν	x	X	x	
l1	DocumentDateTime				
equired L 1	v SenderIdentification	X	X	x	
equired	V	MP-ID NB	MP-ID DP	MP-ID NB	
equired	codingScheme	A10 NDE	A10 NDE	A10 NDE	
l 1	SenderRole				
equired	v ReceiverIdentification	A18	A39	A18	
equired	v	MP-ID NB	MP-ID NB	MP-ID DP	
equired	codingScheme	A10 NDE	A10 NDE	A10 NDE	
11	ReceiverRole				
equired	V	A18	A18	A39	
<b>) 1</b> required	ReceivingDocumentIdentification	X	х	x	
) 1	ReceivingDocumentVersion				
equired	v	x	х	x	
) 1	ReceivingDocumentType				
equired	v ReceivingPayloadName	Z08	Z09	Z09	
equired	V				
) 1	DateTimeReceivingDocument				
required	v	x	х	X	
0 unbounde	•				
11 11	xsd:sequence SendersTimeSeriesIdentification				
required	ν	<>	<>	<>	
) unbounde	d TimeIntervalError				
11	xsd:sequence				
<b>l 1</b> required	QuantityTimeInterval	<>	<>	<>	
L unbounde	d Reason				
11	xsd:sequence				
l 1	ReasonCode				
equired	v ReasonText	<>	<>	<>	
equired	V	<>	<> <	<>	
) unbounde	d Reason				
11	xsd:sequence				
<b>l 1</b> reguired	ReasonCode	<>	<>		
) 1	ν ReasonText	~	············	<>	
equired	V	<>	<>	<b>&lt;&gt;</b>	
unbounde	d Reason				
11	xsd:sequence				
<b>l 1</b> required	ReasonCode v	A01 A02	A01 A02	A01 A02	
) 1	ReasonText	TOT   TOT	AUTIAUZ	701 1702	
equired	v	[1]	[1]	[1]	
unbounde					
l1	xsd:sequence				
<b>l 1</b> required	QuantityTimeInterval v	<>	<> <	<>	
L unbounde					
l <b></b> 1	xsd:sequence				
1	ReasonCode				
equired	V PosconToyt	<>	<>	<>	
)1	ReasonText				



<b>AcknowledgementDocument</b> SD			Beschrä	ittlung Flex- nkung mit DP	Übermittlung Flex- Beschränkung ohne DP	
	Prozessschritt [2	1	1	2	1	
Häufigkeit	Element/ Attribut	NB (betroffener NB)	DP	NB (betroffener NB)	NB (betroffener NB)	
	aı	NB (anfNB)	NB [3]	DP	NB [3]	
required required	DtdVersion DtdRelease	5 1	5 1	5 1	5 1	
optional	DtdBDEWNachrichtenVersion	1.0	1.0	1.0	1.0	
11	xsd:sequence  DocumentIdentification					
11 required	v	x	x	X	x	
11	DocumentDateTime					
required 11	V SenderIdentification	Х	X	X	X	
required	<i>V</i>	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID NB	
required	codingScheme SenderRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE	
required	v	A18	A39	A18	A18	
11 required	ReceiverIdentification  v	MP-ID NB	MP-ID NB	MP-ID DP	MP-ID NB	
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE	
11	ReceiverRole v	A18	A18	A39	A18	
required 0 1	ReceivingDocumentIdentification	A10	AIO	ASS	A10	
required	V	x	X	X	x	
01 required	ReceivingDocumentVersion  v	x	x	x	x	
01	ReceivingDocumentType					
required 01	V ReceivingPayloadName	Z09	B15	B15	B15	
required	v					
01 required	DateTimeReceivingDocument  V	x	x	x	x	
0 unbounded		^				
11 11	xsd:sequence  SendersTimeSeriesIdentification					
required	v	<>	<b>&lt;&gt;</b>	<>	<>	
0 unbounded						
11 11	xsd:sequence  QuantityTimeInterval					
required	V	<>	<>	<>	<>	
1 unbounded 1 1	d Reason xsd:sequence					
11	ReasonCode					
required 01	v ReasonText	♦	<>	<>	<>	
required	v	<>	<>	<>	<>	
0 unbounded	d Reason xsd:sequence					
11	ReasonCode					
required 01	V	<>	<>	<>	<>	
required	ReasonText v	<>	<>	<>	<>	
1 unbounded	***					
11	xsd:sequence  ReasonCode					
required	v	A01 A02	A01 A02	A01 A02	A01 A02	
	Decement		[1]	[1]	[1]	
01 required	ReasonText v	[1]		L±J	i (±1	
required	v	[1]	[-]			
required  0 unbounded  1 1	v d TimeIntervalError xsd:sequence	[1]	[-]			
required  0 unbounded  1 1  1 1	v d TimeIntervalError	[1] <>	<>	<>	<>	
required  0 unbounded  1 1  1 1  required  1 unbounded	v d TimeIntervalError xsd:sequence QuantityTimeInterval v d Reason			<>		
required  0 unbounded  1 1  1 1  required	v d TimeIntervalError xsd:sequence QuantityTimeInterval v d Reason xsd:sequence			◇		
required  0 unbounded  1 1  1 1  required  1 unbounded  1 1	v d TimeIntervalError xsd:sequence QuantityTimeInterval v d Reason			♦		



AcknowledgementDocument SD		Übermittlung des Beschaffungsvorbehalt s mit DP		Übermittlung des Beschaffungsvorbehalts ohne DP	Beschaffung energetischer Ausgleich bei Beschaffungsvorbehalt	
	Prozessschritt [2]		2	1	1	2
Häufigkeit	Element/ von	DP	NB	NB	DP	NB (ÜNB)
	Attribut an	NB (ÜNB)	DP	NB (ÜNB)	NB	DP
required	DtdVersion	5	5	5	5	5
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	1 1.0	1 1.0
11	xsd:sequence	1.0	1.0	1.0	1.0	1.0
11	DocumentIdentification					
required	v DocumentDateTime	X	X	X	X	x
required	V	x	x	x	x	x
11	SenderIdentification v	MD ID DD	AAD ID AID	AAD ID ND	MP-ID DP	AAD ID NID
required required	v codingScheme	MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID NB A10 NDE	A10 NDE	MP-ID NB A10 NDE
11	SenderRole					
required	V  ReceiverIdentification	A39	A18	A18	A39	A18
required	v	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID NB	MP-ID DP
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11 required	ReceiverRole v	A18	A39	A18	A18	A39
01	ReceivingDocumentIdentification	, , , , , ,				,,,,,,
required	v ReceivingDocumentVersion	X	X	X	X	Х
01 required	v	х	x	x	x	x
01	ReceivingDocumentType					
required 01	V ReceivingPayloadName	Z06	Z06	Z06	Z07	Z07
required	v					
01	DateTimeReceivingDocument v					
required  0 unbounder		X	X	X	Х	X
11	xsd:sequence					
11 required	Senders Time Series Identification $\nu$	<>	<>	<>	<>	<>
0 unbounde		· · · · · · · · · · · · · · · · · · ·		······································	~	
11	xsd:sequence					
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>
1 unbounde	······································			· · · · · · · · · · · · · · · · · · ·		
11	xsd:sequence					
11 required	ReasonCode v	<>	<>	<>	<>	<b>&lt;&gt;</b>
01	ReasonText					
required  0 unbounder	v d Reason	<>	<>	<>	<>	<>
11	xsd:sequence					
11	ReasonCode					
required 01	ν ReasonText	<>	<>	<>	<>	<>
required	V	<>	<>	<>	<>	<>
1 unbounde						
11	xsd:sequence  ReasonCode					
required	ν	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02
01	ReasonText	[4]	[4]	[4]	[4]	[4]
o unbounde	ν d TimeIntervalError	[1]	[1]	[1]	[1]	[1]
11	xsd:sequence					
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>
1 unbounde			~	· · · · · · · · · · · · · · · · · · ·		~
11	xsd:sequence					
11 required	ReasonCode v	<>	<>	<>	<>	<>
0 1	ReasonText	· · · · · · · · · · · · · · · · · · ·	~	······································		······································
required	v	<>	<>	<>	<>	<>



AcknowledgementDocument  SD Prozessschritt [2]			Übermittlung von Planungsdaten im Planwertmodell (mit DP) [4]	
Häufigkeit	Element/ vor Attribut	NB (ÜNB)	DP	NB
	ar		EIV	DP
required required	DtdVersion DtdRelease	5 1	5 1	5 1
optional	DtdBDEWNachrichtenVersion	1.0	1.0	1.0
11	xsd:sequence			
11 required	DocumentIdentification  V	x	x	×
11	DocumentDateTime			
required	V	x	X	X
11 required	SenderIdentification  v	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE
11	SenderRole			
required 11	v ReceiverIdentification	A18	A39	A18
required	v	MP-ID NB	MP-ID EIV	MP-ID DP
required	codingScheme	A10 NDE	A10 NDE	A10 NDE
11 required	ReceiverRole v	A18	A27	A39
01	ReceivingDocumentIdentification	AIO	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
required	V	х	X	X
01 required	ReceivingDocumentVersion v	v	x	v
01	ReceivingDocumentType	X		X
required	V	Z07	Z05	Z05
01	ReceivingPayloadName			
required 01	v DateTimeReceivingDocument			
required	v	х	X	X
0 unbounded				
11	xsd:sequence SendersTimeSeriesIdentification			
required	v	<>	<>	<>
0 unbounded				
11	xsd:sequence  QuantityTimeInterval			
required	v	<>	<>	<b>&lt;&gt;</b>
1 unbounded				
11	xsd:sequence  ReasonCode			
required	v	<>	<>	<>
01	ReasonText			
required  O unbounded	ν d Reason	<>	<>	<>
1 1	xsd:sequence			
11	ReasonCode			
required 01	ν ReasonText	<>	<>	<>
required	V	<>	<>	<>
1 unbounded	****			
11	xsd:sequence  ReasonCode			
required	reasonCode 	A01 A02	A01 A02	A01 A02
01	ReasonText			
required	V	[1]	[1]	[1]
0 unbounded	d TimeIntervalError  xsd:sequence			
11	QuantityTimeInterval			
required	V	<>	<>	<>
1 unbounded	d Reason xsd:sequence			
11	ReasonCode			
required	ν	<>	<>	<>
01	ReasonText	Ī		



Acknowledgement Document  SD  Prozessschritt [2]		Übermittlung Planungsdaten für SR im Prognosemodell oder für CR mit DP [4]		Übermittlung Planungsdaten für SR im Prognosemodell oder für CR ohne DP [4]	
Häufigkeit	Element/ von Attribut	DP	NB	NB	
	an	NB	DP	NB	
required	DtdVersion DtdRelease	5	5	5	
required optional	DtdReiease  DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	
11	xsd:sequence				
11 required	DocumentIdentification  V	x	x	X	
11	DocumentDateTime	······		^	
required	V	х	X	X	
11 required	SenderIdentification v	MP-ID DP	MP-ID NB	MP-ID NB	
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	
11	SenderRole	420	440	440	
required 11	v ReceiverIdentification	A39	A18	A18	
required	ν	MP-ID NB	MP-ID DP	MP-ID NB	
required	codingScheme ReceiverRole	A10 NDE	A10 NDE	A10 NDE	
required	V	A18	A39	A18	
01	ReceivingDocumentIdentification				
required 01	V ReceivingDocumentVersion	X	X	X	
required	ν	х	x	х	
01	ReceivingDocumentType 	705	705	705	
required 01	ReceivingPayloadName	Z05	Z05	Z05	
required	v				
01 required	DateTimeReceivingDocument  v	V	x	x	
0 unbounde		X	^	^	
11	xsd:sequence				
11 required	SendersTimeSeriesIdentification  v	<>	<>	<>	
0 unbounde	d TimeIntervalError				
11	xsd:sequence				
11 required	QuantityTimeInterval v	<>	<b>&lt;&gt;</b>	<>	
1 unbounde					
11	xsd:sequence <b>ReasonCode</b>				
required	V	<>	<b>&lt;&gt;</b>	<>	
01	ReasonText			-	
o unbounder	d Reason	<>	<>	⇔	
11	xsd:sequence				
11 required	ReasonCode	<>	^	^	
01	v ReasonText		<>	<>	
required	V	<>	<>	<>	
1 unbounded	d Reason xsd:sequence				
11	ReasonCode				
required 01	V PersonToyt	A01 A02	A01 A02	A01 A02	
required	ReasonText v	[1]	[1]	[1]	
0 unbounde	d TimeIntervalError				
11	xsd:sequence  QuantityTimeInterval				
required	v	<>	<>	<>	
1 unbounde					
11	xsd:sequence ReasonCode				
required	v	<>	<>	<>	
01	ReasonText				
required	V	<>	<>	<	



## **Fußnoten**

Fußnote	Hinweis
	Im Falle eines negativen ACKs kann hier optional eine
[1]	Fehlerbeschreibungstext übermittelt werden, der die Ablehnung
	begründet und eine schnelle Fehlerbehebung unterstützt.
[2]	Der Prozessschritt entspricht dem Prozesschritt des Dokumentes,
[2]	für den ein ACK als Antwort übermittelt wird.
[3]	Netzbetreiber mit Engpass
[4]	In diesem Prozesschritt werden Kosten übermittelt.