

Anwendungstabelle

AcknowledgementDocument

für den Redispatch 2.0

Version: 1.0

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Acknowled	lgementDocument S	i D	Übermitt nitialen St mit	ammdaten	angere	tlung von icherten iten mit DP
	Prozessschritt [2]	1	2	1	2
Häufigkeit	Element/ Attribut	on	DP	NB (ANB)	DP	NB (betroffener NB)
		an	EIV	DP	NB (ANB)	DP
required	DtdVersion	T	5	5	5	5
required	DtdRelease		1	1	1	1
optional 1 1	DtdBDEWNachrichtenVersion xsd:sequence		1.0	1.0	1.0	1.0
11	DocumentIdentification					
required	V		x	x	X	x
required	DocumentDateTime v		x	x	x	x
11	SenderIdentification					
required	V		MP-ID DP		MP-ID DP	MP-ID NB
required 11	codingScheme SenderRole		A10 NDE	A10 NDE	A10 NDE	A10 NDE
required	V		A39	A18	A39	A18
11	ReceiverIdentification	T				
required required	v codingScheme			MP-ID DP A10 NDE	MP-ID NB A10 NDE	MP-ID DP A10 NDE
11	ReceiverRole		ATO INDE	ATOLINDE	ATOLINDE	ATOLINDE
required	v		A27	A39	A18	A39
01 required	ReceivingDocumentIdentification		x	x	x	•
01	ReceivingDocumentVersion			^		X
required	ν		X	x	X	X
0 1	ReceivingDocumentType v		Z02	Z02	Z03	Z03
required 01	ReceivingPayloadName		202	202	203	203
required	V					
01	DateTimeReceivingDocument					
o unbounded	v d TimeSeriesRejection		X	X	X	X
11	xsd:sequence					
11	Senders Time Series Identification					
required 0 unbounded	V I TimeIntervalError		<>	<>	<>	<>
1 1	xsd:sequence	Т				
11	QuantityTimeInterval					
required 1 unbounded	v Beason		<>	<>	<>	<>
11	xsd:sequence	Т				
11	ReasonCode				•••••	
required 01	V		<>	<>	<>	<>
required	ReasonText v		<>	<>	<>	<>
0 unbounded						
11	xsd:sequence ReasonCode					
required	v V		<>	<>	<>	<>
01	ReasonText					
required 1 unbounded	V Posson		<>	<>	<>	<>
1 unbounded	Reason xsd:sequence					
11	ReasonCode	1				
required	V		A01 A02	A01 A02	A01 A02	A01 A02
01 required	ReasonText v		[1]	[1]	[1]	[1]
0 unbounded						
11	xsd:sequence					
11 required	QuantityTimeInterval v	1	<>	<>	<>	<>
1 unbounded						
11	xsd:sequence					
11 required	ReasonCode v	1	<>	<>	<>	<>
0 1	ReasonText		~	~		~
required	ν		<>	<>	<>	<>



Acknowled	dgement Document SD Prozessschritt [2]	Stammdat vor (verant	mittlung tenänderung m EIV twortlich) end mit DP	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				
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	ATOTNOL	ATOJNOL	ATOLINDE	ATOJNOL
required	V	A27	A39	A18	A39
01 required	ReceivingDocumentIdentification	v	v		v
01	ReceivingDocumentVersion	X	X	X	X
required	ν	x	X	x	X
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
1 1	xsd:sequence				
11	SendersTimeSeriesIdentification	·····			
required	v	<>	<>	<>	<>
0 unbounded	d TimeIntervalError xsd:sequence				
11	QuantityTimeInterval				
required	ν	<>	<>	<>	<>
1 unbounder	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	dgement Document SD Prozessschritt [2]	Übermittlung Cluster-Res Stammdaten mit	ssourcen- zwischen NB	Übermittlung von initialen Cluster- Ressourcen Stammdaten zwischen NB ohne DP
Häufigkeit	Element/ von		NB (betroffener NB)	NB (betroffener NB)
	Attribut an	NB (clusternder NB)	DP	NB (clusternder NB)
required	DtdVersion	5	5	5
required optional	DtdRelease DtdBDFWNachrichtenVersion	1 1.0	1 1.0	1 1.0
11	xsd:sequence	1.0	1.0	1.0
11	DocumentIdentification V			
required	DocumentDateTime	X	X	X
required	ν	x	X	x
11 required	SenderIdentification	MP-ID DP	MP-ID NB	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE
11	SenderRole			
required	v ReceiverIdentification	A39	A18	A18
required	v	MP-ID NB	MP-ID DP	MP-ID NB
required	codingScheme	A10 NDE	A10 NDE	A10 NDE
11 required	ReceiverRole v	A18	A39	A18
01	ReceivingDocumentIdentification			
required 01	v ReceivingDocumentVersion	x	X	X
required	v	х	x	х
01	ReceivingDocumentType			
required 01	v ReceivingPayloadName	Z04	Z04	Z04
required	v			
01	DateTimeReceivingDocument			
required O unbounde	v d TimeSeriesRejection	X	X	X
11	xsd:sequence			
11	SendersTimeSeriesIdentification			
required 0 unbounde		<>	<>	<>
11	xsd:sequence			
11	QuantityTimeInterval v	<>	<>	<>
required 1 unbounde			······································	· · · · · · · · · · · · · · · · · · ·
11	xsd:sequence			
11 required	ReasonCode v	<>	<>	<>
01	ReasonText	· · · · · · · · · · · · · · · · · · ·		``````````````````
required	ν	<>	<>	<>
0 unbounde 1 1	d Reason xsd:sequence			
11	ReasonCode			
required 01	v ReasonText	<>	<>	<>
required	v V	<>	<>	<>
1 unbounde				
11	xsd:sequence ReasonCode			
required	v	A01 A02	A01 A02	A01 A02
01	ReasonText			
required O unbounde	ν d TimeIntervalError	[1]	[1]	[1]
11	xsd:sequence			
11	QuantityTimeInterval	<>	<>	<>
required 1 unbounde	ν d Reason	<>	· · ·	<u> </u>
11	xsd:sequence			
11 required	ReasonCode ν	<>	<>	<>
0 1	ReasonText	· · · · · · · · · · · · · · · · · · ·	······································	`````````
required	ν	<>	<> <	<>



Acknowled	lgementDocument SI		Stammdaten NB mit DP	Änderung der Cluster- Ressourcen- Stammdaten zwischen NB ohne DP
	Prozessschritt [2	1	2 NB	1
Häufigkeit	Element/ Attribut		(betroffener NB)	NB (clusternder NB)
	a	n NB (clusternder NB)	DP	NB (betroffener NB)
required	DtdVersion	5	5	5
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0
11	xsd:sequence			
11	DocumentIdentification v			
required 11	DocumentDateTime	Х	X	X
required	v	x	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			
required	v ReceiverIdentification	A39	A18	A18
required	V	MP-ID NB	MP-ID DP	MP-ID DP
required	codingScheme ReceiverRole	A10 NDE	A10 NDE	A10 NDE
11 required	v	A18	A39	A18
01	ReceivingDocumentIdentification			
required 01	v ReceivingDocumentVersion	x	X	X
required	V	х	x	x
01	ReceivingDocumentType			
required 01	v ReceivingPayloadName	Z04	Z04	Z04
required	v			
01	DateTimeReceivingDocument			
o unbounder	v d TimeSeriesRejection	×	X	Х
11	xsd:sequence			
11	Senders Time Series Identification			
required O unbounded	ν d TimeIntervalError	<>	<>	<>
11	xsd:sequence			
11	QuantityTimeInterval	<>	<>	<> <
required 1 unbounded	v d Reason	· · · · · · · · · · · · · · · · · · ·	······································	<u> </u>
11	xsd:sequence			
11 required	ReasonCode V	<>	<>	<>
01	ReasonText			~
required	ν	<>	<>	<>
0 unbounded 1 1	d Reason xsd:sequence			
11	ReasonCode			
required 01	V	<>	<>	<>
required	ReasonText <i>v</i>	<>	<>	<>
1 unbounde	***			
11	xsd:sequence ReasonCode			
required	v	A01 A02	A01 A02	A01 A02
01	ReasonText	[4]	[4]	[4]
required O unbounded	v d TimeIntervalError	[1]	[1]	[1]
11	xsd:sequence			
11	QuantityTimeInterval			
required 1 unbounded	v d Reason	<>	<>	<>
11	xsd:sequence			
11	ReasonCode v		^	
required 01	V ReasonText	<>	<>	<>
required	ν	<>	<>	<>



Acknowled	AcknowledgementDocument SD Prozessschritt [2]		nittlung von spruchbarkeiten NB mit DP	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 DtdRelease	5	5	5	5
required optional	DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	1 1.0
11	xsd:sequence				
11 required	DocumentIdentification v	x	x	x	X
11	DocumentDateTime				
required 11	v SenderIdentification	X	xx	X	x
required	v	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	•			
required required	v codingScheme	MP-ID EIV A10 NDE	MP-ID DP A10 NDE	MP-ID EIV A10 NDE	MP-ID DP A10 NDE
11	ReceiverRole	ATOUNDL	ATOUNDL	ATOINDL	ATOUNDL
required	V	A27	A39	A27	A39
01 required	ReceivingDocumentIdentification v	х	х	x	X
01	ReceivingDocumentVersion				
required 01	v ReceivingDocumentType	X	X	X	X
required	V	A76 A80	A76 A80	A67	A67
01	ReceivingPayloadName				
required 01	v DateTimeReceivingDocument				
required	v	х	x	X	x
0 unbounded 1 1	d TimeSeriesRejection xsd:sequence				
11	SendersTimeSeriesIdentification				
required	V	<>	<>	<>	<>
0 unbounded 1 1	d TimeIntervalError xsd:sequence				
11	QuantityTimeInterval				
required 1 unbounder	ν d Reason	<>	<>	<>	<>
1 1	xsd:sequence				
11	ReasonCode				
required 01	V ReasonText	<>	<>	<>	<>
required	v	<>	<>	<>	<>
0 unbounded 1 1	d Reason xsd:sequence				
11	ReasonCode				
required	V	<>	<>	<>	<>
01 required	ReasonText v	<>	<>	<>	<>
1 unbounde	*****				
11	xsd:sequence ReasonCode				
required	v	A01 A02	A01 A02	A01 A02	A01 A02
01	ReasonText				
required O unbounder	ν d TimeIntervalError	[1]	[1]	[1]	[1]
11	xsd:sequence				
11	QuantityTimeInterval v	<>	<>	<>	<>
required 1 unbounde			~	~	~
11	xsd:sequence				
11 required	ReasonCode v	<>	<>	<>	<>
01	ReasonText		······································		······································
		<>	<>	<>	<>



Acknowledg	gementDocument	Abruf i	m Aufforde	rungsfall r	nit Delta-/S	Sollwertany	veisung
	SC Prozessschritt [2		2	3	4	5	6
Häufigkeit	Element/ voi	D P	EIV	DP -> NB	DP	LF	BKV
	Attribut a	n NB	DP	EIV	NB	DP	LF
	DtdVersion	5	5		5	5	5
. equ eu	DtdRelease	1	1		1	1	1
•	DtdBDEWNachrichtenVersion ksd:sequence	1.0	1.0		1.0	1.0	1.0
11	DocumentIdentification						
required	V	X	X		x	X	X
11 required	DocumentDateTime v	×	x		x	x	х
11	SenderIdentification	·········			<u>^</u>		<u>A</u>
required	<i>v</i>		MP-ID EIV		MP-ID DP		MP-ID
required 11	codingScheme SenderRole	A10 NDE	A10 NDE		A10 NDE	A10 NDE	A10 NDE
required	v	A39	A27		A39	Z01	A08
11	ReceiverIdentification						
required	V		MP-ID DP			MP-ID DP	
required	codingScheme ReceiverRole	A10 NDE	A10 NDE		A10 NDE	A10 NDE	A10 NDE
required	ν	A18	A39		A18	A39	Z01
01	ReceivingDocumentIdentification						
required 01	V ReceivingDocumentVersion	хх	X		хх	X	x
required	v	х	x		x	x	x
01	ReceivingDocumentType						
required 01	V ReceivingPayloadName	A96	A96		A96	A96	A96
required	v						
01	DateTimeReceivingDocument						
required	v	x	X		x	X	X
0 unbounded 1 1	TimeSeriesRejection xsd:sequence						
11	SendersTimeSeriesIdentification						
required	v	<>	<>		<>	<>	<>
0 unbounded	TimeIntervalError						
11 11	xsd:sequence QuantityTimeInterval						
required	v	<>	<>		<>	<>	<>
1 unbounded	Reason						
11	xsd:sequence ReasonCode						
required	ν	<>	<>		<>	<>	<>
01	ReasonText						
required O unbounded	V Reason	<>	<>		<>	<>	<>
1 1	xsd:sequence						
11	ReasonCode						
required 01	ν ReasonText	<>	<>		<>	<>	<>
required	v	<>	<>		<>	<>	<>
1 unbounded	Reason						
11	xsd:sequence						
11 required	ReasonCode	A01 A02	A01 A02		A01 A02	A01 A02	A01 A02
01	ReasonText	AUT AUZ	AUT MUZ		AUT MUZ	AUT MUZ	AUT AUZ
required	v	[1]	[1]		[1]	[1]	[1]
0 unbounded	TimeIntervalError						
11	xsd:sequence QuantityTimeInterval	-					
required	v	<>	<>		<>	<>	<>
1 unbounded	Reason						
11	xsd:sequence ReasonCode						
11 required	ReasonCode v	<>	<>		<>	<>	<>
01	ReasonText	·	·············			············	
required	V	<>	<>		<>	<>	<>



Acknowledge	mentDocument	Abruf im Duldungsfall mit Sollwertanweisung						
	SI Prozessschritt [2		2	3	4	5	6	
Häufigkeit	Element/ vo	n DP	EIV	DP -> NB	BTR	LF	BKV	
	Attribut a	n NB	DP	EIV	EIV	DP	LF	
required Dto	dVersion	5	5		5	5	5	
	dRelease	1	1		1	1	1	
	dBDEWNachrichtenVersion	1.0	1.0		1.0	1.0	1.0	
11 xsd 11	l:sequence DocumentIdentification							
required	V	x	x		×	x	х	
11	DocumentDateTime							
required	ν	х	x		x	x	x	
11	SenderIdentification							
required	ν		MP-ID EIV		MP-ID	MP-ID LF	MP-ID	
required	codingScheme	A10 NDE	A10 NDE		A10 NDE	A10 NDE	A10 ND	
11 required	SenderRole v	A39	A27		A21	Z01	A08	
required 1 1	ReceiverIdentification	A39	AZ/		AZI	ZU1	AU8	
required	V	MP-ID NB	MP-ID DP		MP-ID EIV	MP-ID DP	MP-ID LE	
required	codingScheme		A10 NDE			A10 NDE		
11	ReceiverRole							
required	v	A18	A39		A27	A39	Z01	
01	ReceivingDocumentIdentification							
required D 1	V ReceivingDocumentVersion	Х	X		хх	X	Х	
required	V	х	х		x	x	×	
D 1	ReceivingDocumentType							
required	v	A96	A96		A96	A96	A96	
01	ReceivingPayloadName				• • • • • • • • • • • • • • • • • • • •	•••••	•••••	
required	ν							
01	DateTimeReceivingDocument							
required	V Time Series Delication	Х	X		Х	X	X	
O unbounded	TimeSeriesRejection xsd:sequence							
1 1	SendersTimeSeriesIdentification							
required	ν	<>	<>		<>	<>	<>	
0 unbounded	TimeIntervalError							
11	xsd:sequence							
11	QuantityTimeInterval							
required 1 unbounded	v Reason	<>	<>		<>	<>	<>	
1 1	xsd:sequence							
11	ReasonCode							
required	V	<>	<>		<>	<>	<>	
01	ReasonText							
required	V	<>	<>		<>	<>	<>	
0 unbounded	Reason							
1 1 1 1	xsd:sequence ReasonCode	-			l			
required	v	<>	<>		<>	<>	<>	
D 1	ReasonText		·············		········ ·	········		
required	v	<>	<>		<>	<>	<>	
1 unbounded	Reason							
11	xsd:sequence							
1 1	ReasonCode	A041400	A04 A02		A041400	A04 A02	A04140	
required 0 1	V	A01 A02	A01 A02		A01 A02	A01 A02	A01 A02	
J 1 required	ReasonText v	[1]	[1]		[1]	[1]	[1]	
0 unbounded	TimeIntervalError	(+)	L+J		[+]	L+1		
1 1	xsd:sequence							
11	QuantityTimeInterval							
required	v	<>	<>		<>	<>	<>	
1 unbounded	Reason							
11	xsd:sequence							
1 1	ReasonCode		<i></i>			<i>2</i> -5		
required	V	<>	<>		<>	<>	<>	
01	ReasonText	1						



Acknowled	dgementDocument SD		tlung des Ab			einer ste Ressor anweisend	ng des Abrufs euerbaren erce 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)
	an	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	1.0	1.0		1.0	1.0	
11	DocumentIdentification v			.,			
required 11	DocumentDateTime	X	X	X	X	X	X
required	v	x	X	X	x	x	X
11 required	SenderIdentification v	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 	422	440	440	440	440	440
required 11	V ReceiverIdentification	A39	A18	A18	A18	A18	A18
required	ν	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
11 required	v	A18	A39	A18	A39	A18	A18
01	ReceivingDocumentIdentification						
required 01	V ReceivingDocumentVersion	x	X	X	x	X	X
required	v	х	х	х	х	х	х
01	ReceivingDocumentType	•00	•06			*06	
required 01	V ReceivingPayloadName	A96	A96	A41	A41	A96	A41
required	v						
01 required	DateTimeReceivingDocument v	v	x	x	x	v	v
0 unbounde		X				X	X
11	xsd:sequence						
11 required	SendersTimeSeriesIdentification V	<>	\Leftrightarrow	<>	<>	\Leftrightarrow	<>
0 unbounde							
11	xsd:sequence						
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>	<>
1 unbounde							
11	xsd:sequence ReasonCode						
required	v	<>	<>	<>	<>	<>	<>
01	ReasonText						
required 0 unbounde	v d Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>	<>	<>	<>	<>
01	ReasonText						
required	v	<>	<>	<>	<>	<>	<>
1 unbounde 1 1	d 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 unbounde		r=1	r=1	r=1	r=1	r=1	r=1
11 11	xsd:sequence						
required	QuantityTimeInterval v	<>	<>	<>	<>	<>	<>
1 unbounde	d Reason						
11	xsd:sequence ReasonCode						
required	keasonLode V	<>	<>	<>	<>	<>	<>
01	ReasonText						
required	v	<>	<>	<>	<>	<>	<>



Acknowled	lgementDocument	Abruf	für eine Clust	er-Ressource	mit DP		ine Cluster- e ohne DP
	SD Prozessschritt [2]	1	2	3	4	1	2
Häufigkeit	Element/ von Attribut		NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
		NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
required	DtdVersion DtdRelease	5 1	5 1	5 1	5 1	5 1	5 1
required optional	DtdBDEWNachrichtenVersion	1.0	1.0	1.0	1.0	1.0	1.0
11	xsd:sequence Documentidentification						
required	v	x	x	x	x	x	x
11 required	DocumentDateTime	×	x	x	x	x	x
11	SenderIdentification						
required required	v codinaScheme	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					
required	v	A18	A39	A18	A39	A18	A18
01 required	ReceivingDocumentIdentification v	х	x	x	х	х	х
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 O unbounded		X	X	X	X	X	X
11 11	xsd:sequence SendersTimeSeriesIdentification						
required	v	<>	<>	<>	<>	<>	<>
0 unbounded 1 1	TimeIntervalError xsd:sequence						
11	QuantityTimeInterval						
required 1 unbounded	ν g Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<> <	<>	<>	<>	<>	<>
01	ReasonText	•					
required O unbounded	y Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>	<>	<>	<>	<>
01	ReasonText						
required 1 unbounded	v H Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	A01 A02					
01	ReasonText						
required O unbounded	ν d TimeIntervalError	[1]	[1]	[1]	[1]	[1]	[1]
11 11	xsd:sequence						
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>	<>
1 unbounded	i Reason xsd:sequence			I			
11	xsa:sequence ReasonCode	I					
required 01	V Procentout	<>	<>	<>	<>	<>	<>
U I	ReasonText	I		Ī			



Acknowled	dgementDocument	Abrı	ıf für eine Ste	euergruppe m	it DP		ür eine pe ohne DP
	SD Prozessschritt [2]		2	3	4	1	2
Häufigkeit	Element/ von		NB (anwNB)	DP	NB (anfNB)	NB (anwNB)	NB (anfNB)
		NB (anfNB)	DP	NB (anwNB)	DP	NB (anfNB)	NB (anwNB)
required required	DtdVersion DtdRelease	5 1	5 1	5 1	5 1	5 1	5 1
optional	DtdBDEWNachrichtenVersion	1.0	1.0	1.0	1.0	1.0	1.0
11 11	xsd:sequence DocumentIdentification						
required	V DocumentDateTime	x	X	x	x	x	X
required	v	x	xx	xx	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 required	SenderRole v	A39	A18	A39	A18	A18	A18
11	ReceiverIdentification	MP-ID NB	MP-ID NB	MP-ID DP	MP-ID NB	MP-ID NB	MP-ID DP
required required	v codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
11 required	ReceiverRole V	A18	A39	A18	A39	A18	A18
01	ReceivingDocumentIdentification						
required 01	v ReceivingDocumentVersion	Х	X	X	X	X	X
required	V	х	X	X	x	x	х
0 1 required	ReceivingDocumentType v	A96	A96	A41	A41	A96	A41
01 required	ReceivingPayloadName v						
01	DateTimeReceivingDocument						
required 0 unbounded	v d TimeSeriesRejection	Х	X	X	X	X	X
11	xsd:sequence						
11 required	SendersTimeSeriesIdentification v	<>	<>	<>	<>	<>	<>
0 unbounded	d TimeIntervalError xsd:sequence						
11	QuantityTimeInterval						
required 1 unbounded	v d Reason	<>	<>	<>	<>	<>	<>
11	xsd:sequence						
11 required	ReasonCode v	<>	<>	<>	<>	<>	<>
01 required	ReasonText V	<>	\Leftrightarrow	<>	<>	<>	<>
0 unbounded	d Reason				7		
11	xsd:sequence ReasonCode						
required	V	<>	<>	<>	<>	<>	<>
required	ReasonText V	<>	<>	<>	<>	<>	<>
1 unbounded	d Reason xsd:sequence						
11	ReasonCode						
required	v ReasonText	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02
required	v	[1]	[1]	[1]	[1]	[1]	[1]
0 unbounded	d TimeIntervalError xsd:sequence						
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>	<>
1 unbounded	d Reason		~	~	``	``	~
11	xsd:sequence ReasonCode						
		1					
required	ν ReasonText	<>	<>	<>	<>	<>	<>



Acknowledge	ementDocument SD	Planun	nittlung von ngsdaten im modell mit DP	Übermittlung Planungsdaten für SR im Prognosemodell oder für SG, CR mit DP			
	Prozessschritt [2]	1	2	1	2		
Häufigkeit	Element/ von Attribut	DP	NB (betroffener NB)	DP	NB (betroffener NB)		
	an	EIV	DP	NB (ANB/clustNB)	DP		
- 1	tdVersion	5	5	5	5		
	tdRelease tdBDEWNachrichtenVersion	1	1	1	1		
•	d:sequence	1.0	1.0	1.0	1.0		
11	DocumentIdentification						
required 11	v DocumentDateTime	X	X	X	x		
required	ν	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		
11	SenderRole						
required	v ReceiverIdentification	A39	A18	A39	A18		
11 required	v	MP-ID EIV	MP-ID DP	MP-ID NB	MP-ID DP		
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	A10 NDE		
11 required	ReceiverRole v	A27	A39	A18	A39		
0 1	ReceivingDocumentIdentification	A27		AIO	733		
required	V	х	X	xx	x		
01 required	ReceivingDocumentVersion	х	х	х	x		
01	ReceivingDocumentType						
required	v ReceivingPayloadName	A14	A14	A14	A14		
01 required	v						
01	DateTimeReceivingDocument						
required O unbounded	v TimeSeriesRejection	X	X	X	<u>x</u>		
1 1	xsd:sequence						
11	Senders Time Series Identification						
required O unbounded	ν TimeIntervalError	<>	<>	<>	<>		
11	xsd:sequence						
11	QuantityTimeInterval						
required 1 unbounded	v Reason	<>	<>	<>	<>		
11	xsd:sequence						
11	ReasonCode				^		
required 01	V ReasonText	<>	<>	<>	<>		
required	v	<>	<>	<>	<>		
0 unbounded 1 1	Reason xsd:sequence						
11	ReasonCode						
required	v	<>	<>	<>	<>		
01 required	ReasonText v	<>	\Leftrightarrow	<>	<>		
1 unbounded	Reason	······································					
11	xsd:sequence						
11 required	ReasonCode	A01 A02	A01 A02	A01 A02	A01 A02		
01	ReasonText						
required	V.	[1]	[1]	[1]	[1]		
0 unbounded 1 1	TimeIntervalError xsd:sequence						
11	QuantityTimeInterval	0					
required 1 unbounded	ν Reason	<>	<>	<>	<>		
1 1	xsd:sequence						
11	ReasonCode						
required 01	v ReasonText	<>	<>	<>	<>		
v <u>1</u>	Neasulli ext						



Acknowledg	gementDocument SD	Übermittlung Planungsdaten für SR im Prognosemodell oder für SG, CR ohne DP	Übermittlung von Sensitivitäten (1, 2) und angereicherten Sensitivitäten (3, 4) zu Planungsdaten für SR, SG und CR mit DP			
	Prozessschritt [2]	1	1 und 3	2 und 4		
Häufigkeit	Element/ von	NB (betroffener NB)	DP	NB (vorgelNB ÜNB)		
	Attribut an	NB (ANB clustNB)	NB (ANB vorgelNB)	DP		
required	DtdVersion	5	5	5		
. equ eu	DtdRelease	1	1	1		
•	DtdBDEWNachrichtenVersion ksd:sequence	1.0	1.0	1.0		
11	DocumentIdentification					
required	V	X	x	X		
11	DocumentDateTime					
required 11	v SenderIdentification	X	X	X		
required	v	MP-ID NB	MP-ID DP	MP-ID NB		
required	codingScheme	A10 NDE	A10 NDE	A10 NDE		
11	SenderRole					
required	v ReceiverIdentification	A18	A39	A18		
11 required	v	MP-ID NB	MP-ID NB	MP-ID DP		
required	codingScheme	A10 NDE	A10 NDE	A10 NDE		
11	ReceiverRole					
required	ν	A18	A18	A39		
01 required	ReceivingDocumentIdentification	x	×	x		
0 1	ReceivingDocumentVersion					
required	ν	X	х	x		
01	ReceivingDocumentType					
required 01	V ReceivingPayloadName	A14	Z08	Z08		
required	V					
01	DateTimeReceivingDocument					
required	ν	X	x	X		
0 unbounded	TimeSeriesRejection					
11	xsd:sequence Senders Time Series I dentification					
required	v	<>	<>	<>		
0 unbounded	TimeIntervalError					
11	xsd:sequence					
11 required	QuantityTimeInterval v	<>	<>	<>		
1 unbounded	Reason	~	· · · · · · · · · · · · · · · · · · ·			
11	xsd:sequence					
11	ReasonCode					
required 01	V ReasonText	<>	<>	<>		
required	V	<>	<>	<>		
0 unbounded	Reason					
11	xsd:sequence					
11 required	ReasonCode v	<>	<>	<>		
01	ReasonText	······································	······································			
required	ν	<>	<>	<>		
1 unbounded	Reason					
11 11	xsd:sequence ReasonCode					
required	v	A01 A02	A01 A02	A01 A02		
01	ReasonText					
required	v	[1]	[1]	[1]		
0 unbounded	TimeIntervalError xsd:sequence					
11 11	xsd:sequence QuantityTimeInterval					
required	v	<>	<>	<>		
1 unbounded	Reason					
11	xsd:sequence					
11 required	ReasonCode v	<>	<>	<>		
0 1	v ReasonText	<u> </u>	······································	~		
required	V	<> < >	<> <	<>		



Acknowledg	gementDocument SD	Übermittlung von Sensitivitäten und angereicherten Sensitivitäten zu Planungsdaten für SR, SG und CR ohne DP	prognostizierter Abruf und Info über Abruf über Planungsdaten mit DP		
1126114	Prozessschritt [2] Element/ von	1 NB (vorgelNB ÜNB)	DP	NB (betroffener NB)	
Häufigkeit	Attribut an	NB (ANB vorgelNB)	NB (anfNB)	DP	
required <i>L</i>	DtdVersion	5	5	5	
•	OtdRelease	1	1	1	
-	OtdBDEWNachrichtenVersion Isd:sequence	1.0	1.0	1.0	
11 × 11	DocumentIdentification				
required	v	X	X	x	
1 1	DocumentDateTime				
required 1 1	SenderIdentification	X	X	X	
required	ν	MP-ID NB	MP-ID DP	MP-ID NB	
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	
l 1 required	SenderRole v	A18	A39	A18	
11	ReceiverIdentification				
required	V codingSchama	MP-ID NB	MP-ID NB	MP-ID DP	
required 1 1	codingScheme ReceiverRole	A10 NDE	A10 NDE	A10 NDE	
required	ν	A18	A18	A39	
01	ReceivingDocumentIdentification				
required	Receiving Document Version	X	X	X	
required	v	x	х	х	
01	ReceivingDocumentType				
required D 1	V ReceivingPayloadName	Z08	Z09	Z09	
required	V				
01	DateTimeReceivingDocument				
required O unbounded	v TimeSeriesRejection	X	X	X	
11	xsd:sequence				
11	Senders Time Series Identification				
required O unbounded	ν TimeIntervalError	>	<>	<>	
11	xsd:sequence				
11	QuantityTimeInterval				
required 1 unbounded	v Reason	>	<>	<>	
1 1	xsd:sequence				
11	ReasonCode				
required 0 1	V ReasonText	• • • • • • • • • • • • • • • • • • •	<>	<>	
required	V	<>	<>	<>	
0 unbounded	Reason				
1 1 1 1	xsd:sequence ReasonCode				
required	v	<>	<>	<>	
01	ReasonText				
required 1 unbounded	v Reason	<>	<>	<>	
1 1	xsd:sequence				
l 1	ReasonCode				
required D 1	ν ReasonText	A01 A02	A01 A02	A01 A02	
required	V	[1]	[1]	[1]	
) unbounded	TimeIntervalError				
11 11	xsd:sequence QuantityTimeInterval				
required	Quantity i meintervai v	<>	<>	<>	
1 unbounded	Reason				
11 11	xsd:sequence				
1 1 required	ReasonCode v	<> < >	<>	<>	
01	ReasonText		··········		
required	v	<>	<>	<>	



AcknowledgementDocument 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	<>	<>	<>	<>	
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]	1	2	1	1	2
Häufigkeit	Element/ von Attribut	DP	NB	NB	DP	NB (ÜNB)
	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					
11 required	DocumentIdentification v	V	V	v	V	v
11	DocumentDateTime	X	X	X	X	X
required	V	х	X	x	х	Х
11 required	SenderIdentification v	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
11	SenderRole	420	440	440	420	440
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 ReceiverRole	A10 NDE	A10 NDE	A10 NDE	A10 NDE	A10 NDE
required	v	A18	A39	A18	A18	A39
01	ReceivingDocumentIdentification					
required	V ReceivingDocumentVersion	X	x	X	X	x
required	v	х	х	х	х	х
01	ReceivingDocumentType					
required 0 1	V ReceivingPayloadName	Z06	Z06	Z06	Z07	Z07
required	ν					
0 1	DateTimeReceivingDocument v					
required O unbounded		X	X	X	Х	X
11	xsd:sequence					
11 required	SendersTimeSeriesIdentification v	<>	\Leftrightarrow	<>	<>	<>
0 unbounded				·		
11	xsd:sequence					
11 required	QuantityTimeInterval v	<>	<>	<>	<>	<>
1 unbounded						
11	xsd:sequence					
11 required	ReasonCode v	<> <	<>	<>	<>	<>
01	ReasonText					
required O unbounded	ν H Reason	<>	<>	<>	<>	<>
1 1	xsd:sequence					
11	ReasonCode					
required	v ReasonText	<>	<>	<>	<>	<>
required	V	<>	<>	<> <	<>	<>
1 unbounded	****					
11 11	xsd:sequence ReasonCode					
required	v	A01 A02	A01 A02	A01 A02	A01 A02	A01 A02
01	ReasonText	[4]	[4]	[4]	[4]	[4]
required O unbounded	v d TimeIntervalError	[1]	[1]	[1]	[1]	[1]
11	xsd:sequence					
11	QuantityTimeInterval	<>	<>	<>	<>	\sim
required 1 unbounded	v B Reason		<u> </u>	Ş		<>
11	xsd:sequence					
11	ReasonCode ν		^			~
required 0 1	ν ReasonText	<>	<>		<>	<>
required	v	<>	<>	<> <	<>	<>



Acknowled	gementDocument SD	Beschaffung energetischer Ausgleich bei Beschaffungsvorbehalt ohne DP	Planungsdaten im Planwertmodell (mit DP) [4]		
	Prozessschritt [2]	1	1	2	
Häufigkeit	Element/ von Attribut	NB (ÜNB)	DP	NB	
	an	NB	EIV	DP	
required	DtdVersion	5	5	5	
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	
11	xsd:sequence	1.0	1.0	1.0	
11	DocumentIdentification				
required	V DocumentDateTime	X	Х	Х	
required	V	X	x	x	
11	SenderIdentification				
required	V	MP-ID NB	MP-ID DP	MP-ID NB	
required	codingScheme SenderRole	A10 NDE	A10 NDE	A10 NDE	
required	ν	A18	A39	A18	
11	ReceiverIdentification				
required required	v codingScheme	MP-ID NB A10 NDE	MP-ID EIV A10 NDE	MP-ID DP A10 NDE	
11	ReceiverRole	AIOJIVDE	AIOJIVDE	AIOJNDL	
required	V	A18	A27	A39	
01 required	ReceivingDocumentIdentification	x	x	x	
01	ReceivingDocumentVersion	^			
required	v	X	X	X	
0 1	ReceivingDocumentType v	Z 07	Z05	Z05	
required 01	ReceivingPayloadName	207	203	203	
required	v				
01	DateTimeReceivingDocument				
required O unbounded	v I TimeSeriesRejection	X	Х	X	
11	xsd:sequence				
11	Senders Time Series Identification				
required O unbounded	ν I TimeIntervalError	<>	<>	<>	
1 1	xsd:sequence				
11	QuantityTimeInterval				
required	v	⇔	<>	<>	
1 unbounded	Reason xsd:sequence				
11	ReasonCode				
required	v	<>	<>	<>	
01 required	ReasonText v	<>	<>	<>	
0 unbounded		· · · · · · · · · · · · · · · · · · ·			
11	xsd:sequence				
11	ReasonCode		\sim	\sim	
required 01	v ReasonText	⇔	<><	<>	
required	v	<>	<>	<>	
1 unbounded	Reason xsd:sequence				
11	ReasonCode				
required	v	A01 A02	A01 A02	A01 A02	
01	ReasonText				
required O unbounded	ν d TimeIntervalError	[1]	[1]	[1]	
1 1	xsd:sequence				
11	QuantityTimeInterval				
required 1 unbounded	ν J Reason	<>	<>	<>	
11	xsd:sequence				
11	ReasonCode				
required 01	v	<>	<>	<>	
	ReasonText				



AcknowledgementDocument SD		Übermittlung Planungsdaten für SR im Prognosemodell oder für CR mit DP [4]		Übermittlung Planungsdaten für SR im Prognosemodell oder für CR ohne DP [4]	
	Prozessschritt [2]	1	2	1	
Häufigkeit	Element/ Attribut	DP	NB	NB	
	an	NB	DP	NB	
required	DtdVersion	5	5	5	
required optional	DtdRelease DtdBDEWNachrichtenVersion	1 1.0	1 1.0	1 1.0	
11	xsd:sequence		2.0	2.0	
11	DocumentIdentification				
required 1 1	V DocumentDateTime	х	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	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , io j ii b	7.10 1101	
required	V	A39	A18	A18	
11 required	ReceiverIdentification v	MP-ID NB	MP-ID DP	MP-ID NB	
required	codingScheme	A10 NDE	A10 NDE	A10 NDE	
11	ReceiverRole				
required	v Receiving Document I dentification	A18	A39	A18	
required	V	x	x	x	
01	ReceivingDocumentVersion	•			
required	V	X	X	X	
01 required	ReceivingDocumentType v	Z05	Z05	Z05	
01	ReceivingPayloadName				
required	ν				
01 required	DateTimeReceivingDocument v	х	x	x	
0 unbounde		· · · · · · · · · · · · · · · · · · ·		^	
11	xsd:sequence				
11 required	SendersTimeSeriesIdentification v	<> <	\Leftrightarrow	<>	
0 unbounde	······································	· · · · · · · · · · · · · · · · · · ·		······································	
11	xsd:sequence				
11 required	QuantityTimeInterval	<>	\Leftrightarrow	<>	
1 unbounde	······································		~	~	
11	xsd:sequence				
11 required	ReasonCode		_		
01	ν ReasonText	<>	<>	<>	
required	v	<>	<>	<>	
0 unbounde					
11 11	xsd:sequence ReasonCode				
required	v	<>	<>	<>	
01	ReasonText				
required 1 unbounde	v ed Reason	<>	<>	<>	
11	xsd:sequence				
11	ReasonCode	101111	***************************************	, a. l. a -	
required 0 1	ν ReasonText	A01 A02	A01 A02	A01 A02	
required	v	[1]	[1]	[1]	
0 unbounde					
11 11	xsd:sequence				
11 required	QuantityTimeInterval v	<>	<>	<>	
1 unbounde	ed Reason				
11	xsd:sequence				
11 required	ReasonCode v	<> <	<>	<>	
0 1	ReasonText	· · · · ·	•	······································	
required	V	<>	<>	<>	



Fußnoten

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