(Compensating								
52	Compensated	Closed	Canceled	Exiting	94	Failing-	Failing-*	Compensating	Closing	Completed	Completing	Canceling	Active	
Ended	Ended-	Ended-	Ended-		Ended									
	95	95	95	State		State	State	State	State	State	State	State	State	
Ignore	Ignore	Ignore	Ignore	Invalid	Forget	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	NotCompleted
						Compensating								
93	Compensated	Closed	Canceled	92	NotCompleting	Failing-	Failing-*	Compensating	Closing	Completed	Completing	Canceling	Active	
Ended	Ended-	Ended-	Ended-	Ended										
	93	93	93		Invalid	State	State	State	State	State	State	State	State	
Ignore	Ignore	Ignore	Ignore	Forget	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Exited
	Compensated	Closed	Canceled	Exiting	NotCompleting			Compensating	Closing	Completed	Completing	Canceling	Active	
Ended	Ended-	Ended-	Ended-			Ended	Ended							
91	9	91	91	State	State	90	90	State	State	State	State	State	State	
Ignore	Ignore	Ignore	Ignore	Invalid	Invalid	Forget	Forget	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Failed
	Compensated					Compensating		(
88	Ended-	Closed	Canceled	Exiting	NotCompleting	Failing-	Failing-*	86	Closing	ç	Completing	Canceling	Active	
Ended	89	Ended-	Ended-			87		Compensating		Σ				
-	Compensated	88	88	State	State	Fail	State		State		State	State	State	
Ignore	Send	Ignore	Ignore	Invalid	Invalid	Resend	Invalid	Ignore	Invalid	Compensating	Invalid	Invalid	Invalid	Compensate
		Closed				Compensating			ì					
20	Compensated	Ended-	Canceled	Exiting	NotCompleting	Failing-	Failing-*	Compensating	83		Completing	Canceling	Active	
Ended	Ended-	84	Ended-						Closing	20				
83	83	Closed	83	State	State	State	State	State			State	State	State	
Ignore	Ignore	Send	Ignore	Invalid	Invalid	Invalid	Invalid	Invalid	Ignore	Closing	Invalid	Invalid	Invalid	Close
5	Compensated	Closed	Canceled					/4	2			2		
80 —	Ended-	Ended-	Ended-	Exiting	NotCompleting	Compensating	Failing-*	7,	73	Completed	7	70		
Ended	79	79	79	78	77	Failing-	75	Compensating	Closing	72	Completing	Canceling	69	
	Fail	Fail	Fail	Exit	CannotComplete	76	Fail			Completed				
Ignore	Send	Send	Send	Resend	Resend	Ignore	Resend	Ignore	Ignore	Resend	Ignore	Ignore	Completing	Complete
6	Сощрепвацео	Crosed	Canceled	Exiting	NotCombieting	Compensating	ralling-	62	61	Comprehen		59		
Ended	Ended-	Ended-	67	6.6	65	Failing-	*	sating	Closing	60	58	Canceling	58	
	68	68	Canceled	Exit	CannotComplete	64	Fail			Completed				
Ignore	Ignore	Ignore	Send	Resend	Resend	Ignore	Resend	Ignore	Ignore	Resend	Canceling	Ignore	Canceling	Cancel
							Completing)							
							Canceling,							
	Closed Compensated	Closed	Canceled			(Compesating)	(Active,							
Ended	Ended-	Ended-	Ended-	Exiting	NotCompleting Ex	Failing	Failing	Completed Closing Compensating	Closing	Completed	Canceling Completing	Canceling	Active	Events
						τά	States							Inbound
							Participant View)	(Partic						
					tion protocol	${f E}$ nhanced ${f B}$ usiness ${f A}$ greement ${f W}$ ith ${f C}$ oordination ${f C}$ ompletion protocol	ithCoordin	Agreement W	usiness.	inhanced B	-			
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		Ended	peq		Invalid	State	Ended		Invalid	State	Ended		Invalid	State	Ended		Invalid	State	Ended	ed	Invalid	State		Ended	Invalid	State		Ended	ed	Invalid	State		ed Ended
		Ended-	Compensated		Invalid	State	Ended-	Compensated	Invalid	State	Ended-	Compensated	Invalid	State	Ended-	Compensated	Invalid	State	Ended-	Compensated	Invalid	State		Ended- Compensated	Invalid	State		Ended-	Compensated	57	ō ,	Ended-	Compensated
		Ended-	Closed		Invalid	State	Ended-	Closed	Invalid	State	Ended-	Closed	Invalid	State	Ended-	Closed	Invalid	State	Ended-	Closed	Invalid	State		Ended- Closed	L	22	Ended-	Closed		Invalid	State	7	Ended- Closed
		Ended-	Canceled Closed		Invalid	State	Ended-	Canceled	Invalid	State	Ended-	Canceled	Invalid	State	Ended-	Canceled	Invalid	State	Ended-	Canceled		23	Ended-	Canceled	Invalid	State		Ended-	Canceled	Invalid	State	7	Ended- Canceled
cocol		Exiting			Exiting		44		Invalid	State	Exiting		Invalid	State	Exiting)	Invalid	State	Exiting		Invalid	State	:	Exiting	Invalid	State		Exiting		Invalid	State		Exiting
mpletion pro		NotCompleting Exiting			Invalid	State	NotCompleting		Invalid	State	NotCompleting		Invalid	State	NotCompleting		NotCompleting		51		Invalid	State		NotComleting	Invalid	State		NotComleting		Invalid	State		NotCompleting
Enhanced BusinessAgreementWithCoordinationCompletion protocol (Participant View)	States	Failing	(Active, Canceling,	ensating)	Invalid	State	Failing-*		Invalid	State	Failing-*	1	Failing-*	(9 9		Invalid	State	Failing-*		Invalid	State	:	Faling-"	Invalid	State		Failing-*		Invalid	State	*	Falling-"
greementWit (Particip		Completed Closing Compensating			Invalid	State	Compensating		Invalid	State	Compensating		Failing-	Compensating	48		Invalid	State	Compensating		Invalid	State	:	Compensating	Invalid	State		Compensating		Forget	26	Ended-	Compensated
$inessA_{i}$		Closing			Invalid	State	Closing		Invalid	State	Closing		Invalid	State	Closing)	Invalid	State	Closing		Invalid	State		Closing	Forget	25	Ended-	Closed		Invalid	State	5	Closing
anced Bus		Completed			Invalid	State	Completed		Completed		46		Invalid	State	Completed		Invalid	State	Completed		Invalid	State		Completed	Invalid	State		Completed		Invalid	State		Completed
Enh		Completing			Exiting		43		Completed	Ļ	4		Failing	Completing	47		NotCompleting		20		Invalid	State		Completing	Invalid	State		Completing		Invalid	State		Completing
		Active Canceling			Invalid	State	Canceling		Invalid	State	Canceling		Failing-	Canceling	47		Invalid	State	Canceling		Forget	25	Ended-	Canceled	Invalid	State		Canceling		Invalid	State	-	Canceling
		Active			Exiting		43		Invalid	State	Active		Failing-	Active	47		NotComp-	leting	20		Invalid	State		Active	Invalid	State		Active		Invalid	State		Active
	Outbound	Events			Exit				Completed				Fail				CannotCo- NotComp-	mplete			Canceled				Closed					Compens-	ated		

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Compensating	St	oordinator V	ent With Coor
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42	NotCompleted	Exited	Failed	Exiting	Not Comp-	Failing-	Failing-*		Closing	Completed	Completing	Canceling-	Canceling-	Active	
Ended	Ended-	Ended-	Ended-					Ended							
	42	42	42	State	State	State	State		State	State	State	State	State	State	
Ignore	Ignore	Ignore	Ignore	Invalid	Invalid	Invalid	Invalid	Forget	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Compensated
40	The Control of the Co	i si soca	I dilicu	0	pleting	Compensating		9 monomon	39	Comprosed	Compressions	Completing	Active	TROOTER	
5	NotCompleted		Foiled.	T	Not Comp.	Failing	Foiling*	Compensating		Completed	Completing	Canceling	Canceling	Activo	
Ended	Ended-	Ended-	Ended-						Ended						
	40	40	40	State	State	State	State	State		State	State	State	State	State	
Ignore	Ignore	Ignore	Ignore	Invalid	Invalid	Invalid	Invalid	Invalid	Forget	Invalid	Invalid	Invalid	Invalid	Invalid	Closed
6					pleting	Compensating									
ည	NotCompleted	Exited	Failed	Exiting	Not Comp-	Failing-	Failing-*	Compensating	Closing	Completed	Completing	37	37	Active	
Ended	Ended-	Ended-	Ended-									Ended	Ended		
	38	38	38	State	State	State	State	State	State	State	State			State	
Ignore	Ignore	Ignore	Ignore	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Forget	Forget	Invalid	Canceled
	NotCompleted					Compensating									
35	Ended-	Exited	Failed	Exiting	pleting	Failing-	Failing-*	Compensating	Closing	Completed	ć	ú	Ç	Ç	
Ended	36	Ended-	Ended-		Not Comp-						ນ	ည	ນ	သ သ	
	NotCompleted	35	35	State	34	State	State	State	State	State	pleting	pleting	pleting	pleting	plete
Ignore	Resend	Ignore	Ignore	Invalid	Ignore	Invalid	Invalid	Invalid	Invalid	Invalid	NotComp-	Not Comp-	NotCom-	NotCom-	CannotCom-
2			Failed		leting										
2	NotCompleted	Exited	Ended-	Exiting	NotComp-	Compensating	29	02	Closing	Completed	2/	27	2/	27	
Ended	Ended-	Ended-	31			Failing-	Failing-*	ာ			2	2	2		
32	32	32	Failed	State	State	30		Compensating	State	State	Completing	Canceling	Canceling	Active	
Ignore	Ignore	Ignore	Resend	Invalid	Invalid	Ignore	Ignore	Failing-	Invalid	Invalid	Failing-	Failing-	Failing-	Failing-	Fail
					leting					11			Active		
26	NotCompleted	Exited	Failed	Exiting	Not Comp-	Compensating	Failing-*	Compensating	Closing	>			Canceling-	Active	
Ended	Ended-	Ended-	Ended-			Failing-		24	23	Completed	21	21			
	26	26	26	State	State	25	State	Compensate	Close				State	State	
Ignore	Ignore	Ignore	Ignore	Invalid	Invalid	Ignore	Invalid	Resend	Resend	Ignore	Completed	Completed	Invalid	Invalid	Completed
		Exited			leting	Compensating									
19	Ended- NotCompleted	Ended-	Failed	1 8	Not Comp-	Failing-	Failing-*	Compensating	Closing	Completed		:			
Ended	Ended-	20	Ended-	Exiting							17	17	17	17	
	19	Exited	19		State	State	State	State	State	State					
Ignore	Ignore	Resend	Ignore	Ignore	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid	Exiting	Exiting	Exiting	Exiting	Exit
							Completing)								
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		Ended		Invalid	State	Ended		Invalid	State	Ended		Invalid	State	Ended		Invalid	State	Ended		Invalid		Ended		Invalid	State		Ended		Invalid	State		Ended
		EndedNot-	Completed	Invalid	State	Ended-	NotCompleted	Invalid	State	Ended-	NotCompleted	Invalid	State	Ended-	NotCompleted	Invalid	State	Ended-	NotCompleted	Invalid		Ended-	NotCompleted	Invalid	State		Ended-	NotCompleted	,	9.	Ended-	NotCompleted Ended
		Ended-	Exited	Invalid	State	Ended-	Exited	Invalid	State	Ended-	Exited	Invalid	State	Ended-	Exited	Invalid	State	Ended-	Exited	Invalid		Ended-	Exited	;	14	Ended-	Exited		Invalid	State		Ended-
		Ended-	Failed	Invalid	State	Ended-	Failed	Invalid	State	Ended-	Failed	Invalid	State	Ended-	Failed	Invalid	State	Ended-	Failed	12	Ended-	Failed		Invalid	State		Ended-	Failed	Invalid	State		Ended- Failed
ol		Exiting		Invalid	State	Exiting		Invalid	State	Exiting		Invalid	State	Exiting		Invalid	State	Exiting		Invalid		Exiting		Forget	13	Ended-	Exited		Invalid	State		Exiting Ended- Failed
oletion protoc		NotCompleting Exiting Ended- Ended-		Invalid	State	NotCompleting		Invalid	State	NotCompleting		Invalid	State	NotCompleting		Invalid	State	NotCompleting		Invalid		NotComleting		Invalid	State		NotComleting		Forget	15	Ended-	NotCompleted
${\bf Enhanced~Business Agreement With Coordination Completion~protocol} \\ ({\bf Coordinator~View})$	States	Failing	(Active, Canceling, Completing, Compensating)	Invalid	State	Failing-*		Invalid	State	Failing-*		Invalid	State	Failing-*		Invalid	State	Failing-*		Forget	Ended-	Failed		Invalid	State		Failing-*		Invalid	State		Failing-*
ementWithCoording (Coordinator View)	J 1	Closing Compensating		Invalid	State	Compensating		Invalid	State	Compensating		Invalid	State	Compensating		Compensating		10		Invalid	3	Compensating		Invalid	State		Compensating		Invalid	State		Compensating
ssAgre		Closing		Invalid	State	Closing		Invalid	State	Closing		Closing		œ		Invalid	State	Closing		Invalid		Closing		Invalid	State		Closing		Invalid	State		Closing
nced Busine		Completed		Invalid	State	Completed		Invalid	State	Completed		Closing		_		Compensating		တ		Invalid		Completed		Invalid	State		Completed		Invalid	State		Completed
Enha		Completing		Canceling-	Completing	4		Completing		9		Invalid	State	Completing		Invalid	State	Completing		Invalid		Completing		Invalid	State		Completing		Invalid	State		Completing
		Canceling	(Active,) (Completing)	Canceling-*		2,3		Invalid	State	Canceling-*		Invalid	State	Canceling-*		Invalid	State	Canceling-*		Invalid		Canceling-*		Invalid	State		Canceling-*		Invalid	State		Canceling-*
		Active		Canceling-	Active	_		Completing		Ŋ		Invalid	State	Active		Invalid	State	Active		Invalid		Active		Invalid	State		Active		Invalid	State		Active
	Outbound	Events		Cancel				Complete				Close				Compens-	ate			Failed				Exited					NotComp-	leted		