

Business Agreement With Coordination Completion protocol (Participant View)											
Inbound Events	States										
	Active	Cancelling	Completing	Completed	Closing	Compensating	Failing (Active, Cancelling, Completing)	Failing (Compensating)	NotCompleting	Exiting	Ended
Cancel	Cancelling	Ignore	Cancelling	Resend Completed	Ignore	Ignore	Resend Fail	Ignore	Resend CannotComplete	Resend Exit	Send Cancelled
	55	56	55	57 Completed	58	59	60 Failing-*	61 Failing-Compensating	62 NotCompleting	63 Exiting	64 Ended
Complete	Completing	Ignore	Ignore	Resend Completed	Ignore	Ignore	Resend Fail	Ignore	Resend CannotComplete	Resend Exit	Send Fail
	65	66	67	68 Completed	69	70	71 Failing-*	72 Failing-Compensating	73 NotCompleting	74 Exiting	75 Ended
Close	Invalid State	Invalid State	Invalid State	Closing	Ignore	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Send Closed
	Active	Cancelling	Completing	76	77	Compensating	Failing-*	Failing-Compensating	NotCompleting	Exiting	78 Ended
Compensate	Invalid State	Invalid State	Invalid State	Compensating	Invalid State	Ignore	Invalid State	Resend Fail	Invalid State	Invalid State	Send Compensated
	Active	Cancelling	Completing	79	Closing	Compensating	Failing-*	81 Failing-Compensating	NotCompleting	Exiting	82 Ended
Failed	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Forget	Invalid State	Invalid State	Invalid State	Ignore
	Active	Cancelling	Completing	Completed	Closing	Compensating	Ended	Ended	NotCompleting	Exiting	84 Ended
Exited	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Forget	Ignore
	Active	Cancelling	Completing	Completed	Closing	Compensating	Failing-*	Failing-Compensating	NotCompleting	Ended	86 Ended
NotCompleted	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Forget	Invalid State	Ignore
	Active	Cancelling	Completing	Completed	Closing	Compensating	Failing-*	Failing-Compensating	Ended	Exiting	88 Ended

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	Active	Canceling	Completing	Completed	Closing	Compensating	Failing (Active, Canceling, Completing, Compensating)	NotCompleting	Exiting	Ended
Exit	Exiting 40	Invalid State Canceling	Exiting 40	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Exiting 41	Invalid State Ended
Completed	Invalid State	Invalid State Canceling	Completed 42	Completed 43	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Fail	Active Failing-Active 44	Canceling Failing- Canceling	Failing- Completing 44	Invalid State Completed	Invalid State Closing	Failing- Compensating 45	Failing- 46	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
CannotComplete	NotCompleting 47	Invalid State Canceling	NotCompleting 47	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Canceled	Invalid State	Forget 49 Ended	Invalid State Completing	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Closed	Active Invalid State	Invalid State Canceling	Invalid State Completing	Invalid State Completed	Forget 51 Ended	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Compensated	Invalid State Active	Invalid State Canceling	Invalid State Completing	Invalid State Completed	Invalid State Closing	Forget 53 Ended	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended

Business Agreement With Coordination Completion protocol (Coordinator View)												
Inbound Events	States											
	Active	Canceling (Active)	Canceling (Completing)	Completing	Completed	Closing	Compensating	Failing (Active, Canceling, Completing)	Failing (Compensating)	NotCompleting	Exiting	Ended
Exit	Exiting	Exiting	Exiting	Exiting	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Ignore	Resend Expired
	17	17	17	17	Completed	Closing	Compensating	Failing-*	Failing-*	NotCompleting	Exiting	18 19
Completed	Invalid State	Invalid State	Completed	Completed	Ignore	Resend Close	Resend Compensate	Invalid State	Ignore	Invalid State	Invalid State	Ignore
	Active	Canceling-Active	20	20	Completed	22	23	Failing-*	24	Invalid State	Invalid State	25
Fail	Failing-Active	Failing-Canceling	Failing-Canceling	Failing-Completing	Invalid State	Invalid State	Failing-Compensating	Ignore	Ignore	Invalid State	Invalid State	Resend Failed
	26	26	26	26	Completed	Closing	27	28	29	NotCompleting	Exiting	30
CannotComplete	NotCompleting	NotCompleting	NotCompleting	NotCompleting	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Ignore	Invalid State	Resend NotCompleted
	31	31	31	31	Completed	Closing	Compensating	Failing-*	Failing-*	NotCompleting	Exiting	33
Cancelled	Invalid State	Forget	Forget	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Ignore
	Active	Ended	Ended	Completing	Completed	Closing	Compensating	Failing-*	Failing-*	NotCompleting	Exiting	Ended
Closed	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Forget	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Ignore
	Active	Canceling-Active	Canceling-Completing	Completing	Completed	Ended	Compensating	Failing-*	Failing-*	NotCompleting	Exiting	Ended
Compensated	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Forget	Invalid State	Invalid State	Invalid State	Invalid State	Ignore
	Active	Canceling-Active	Canceling-Completing	Completing	Completed	Closing	Ended	36	Compensating	Failing-Compensating	Exiting	37
Compensated	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Invalid State	Forget	Invalid State	Invalid State	Invalid State	Invalid State	Ignore
	Active	Canceling-Active	Canceling-Completing	Completing	Completed	Closing	Ended	38	Failing-Compensating	NotCompleting	Exiting	39

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	Active	Canceling (Active,) (Completing)	Completing	Completed	Closing	Compensating	Failing (Active, Canceling, Completing, Compensating)	NotCompleting	Exiting	Ended
Cancel	Canceling-Active 1	Canceling-* 2,3	Canceling-Completing 4	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Complete	Completing 5	Invalid State Canceling-*	Completing 6	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Close	Invalid State Active	Invalid State Canceling-*	Completing 7	Invalid State Closing	Invalid State Closing 8	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Compensate	Invalid State Active	Invalid State Canceling-*	Completing 9	Invalid State Compensating	Invalid State Closing	Invalid State Compensating 10	Invalid State Failing-*	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended
Failed	Invalid State Active	Invalid State Canceling-*	Completing 11	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Forget Ended	Invalid State NotCompleting	Invalid State Exiting	Invalid State Ended 12
Exited	Invalid State Active	Invalid State Canceling-*	Completing 13	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Invalid State NotCompleting	Forget Ended	Invalid State Ended 14
NotCompleted	Invalid State Active	Invalid State Canceling-*	Completing 15	Invalid State Completed	Invalid State Closing	Invalid State Compensating	Invalid State Failing-*	Forget Ended	Invalid State Exiting	Invalid State Ended 16