

DIN EN 17016-1:2024-10 (E)

Electronic Public Procurement - Ordering - Part 1: Choreographies

Contents		Page
	European foreword	5
	Introduction	6
1	Scope	7
2	Normative references	7
3	Terms and definitions	7
4	Symbols and abbreviated terms	8
5	Business environment and high level business requirements	9
5.1	Choreographies (business) Goals	9
5.2	Business environment	9
5.2.1	General	9
5.2.2	Business context	9
5.2.3	Positioning in EIRA	10
5.3	Organization and business partners involved	11
5.4	High level business process requirements	11
6	Processes	13
6.1	General	13
6.2	Business process variants	14
6.2.1	General	14
6.2.2	High level business process variants requirements	17
6.2.3	Claiming compliance	17
6.3	Business process variant A - Simple ordering	18
6.3.1	Business process variant A requirements	18
6.3.2	Business process variant A state machine diagram [informative]	18
6.3.3	Business process variant A definition	18
6.3.4	Business Process variant A Scenarios	19
6.3.5	Business process variant A business rules	19
6.3.6	Business process variant A key examples [informative]	20
6.4	Business process variant B - Buyer managed ordering	20
6.4.1	Business process variant B requirements	20
6.4.2	Business process variant B state machine diagram [informative]	20
6.4.3	Business process variant B definition	21
6.4.4	Business process variant B scenarios	23
6.4.5	Business process variant B business rules	23
6.4.6	Business process variant B key examples [informative]	24
6.5	Business process variant C - Ordering with simple response	24
6.5.1	Business process variant C requirements	24
6.5.2	Business process variant C state machine diagram [informative]	24
6.5.3	Business process variant C definition	25
6.5.4	Business process variant C scenarios	27
6.5.5	Business process variant C business rules	27
6.5.6	Business process variant C key examples [informative]	27
6.6	Business process variant D - Buyer managed ordering with Seller's response	28
6.6.1	Business process variant D requirements	28
6.6.2	Business process variant D state machine diagram [informative]	28
6.6.3	Business process variant D definition	29

6.6.4	Business process variant D scenarios	31
6.6.5	Business process variant D business rules	32
6.6.6	Business process variant D key examples [informative]	33
6.7	Business process variant E - Ordering	33
6.7.1	Business process variant E requirements	33
6.7.2	Business process variant E state machine diagram [informative]	34
6.7.3	Business process variant E definition	35
6.7.4	Business process variant E scenarios	37
6.7.5	Business process variant E business rules	38
6.7.6	Business process variant E key examples [informative]	38
6.8	Business process variant F - Advanced ordering	39
6.8.1	Business process variant F requirements	39
6.8.2	Business process variant F state machine diagram [informative]	40
6.8.3	Business process variant F definition	41
6.8.4	Business process variant F scenarios	44
6.8.5	Business process variant F business rules	46
6.8.6	Business process variant F key examples [informative]	48
6.9	Business process variant G - Simplified advanced ordering	48
6.9.1	Business process variant G requirements	48
6.9.2	Business process variant G state machine diagram [informative]	49
6.9.3	Business process variant G definition	50
6.9.4	Business process variant F scenarios	53
6.9.5	Business process variant G business rules	55
6.9.6	Business process variant G key examples [informative]	56
6.10	Business process variant H - Order Agreement	57
6.10.1	Business process variant H requirements	57
6.10.2	Business process variant H state machine diagram [informative]	57
6.10.3	Business process variant H definition	57
6.10.4	Business process variant H scenarios	58
6.10.5	Business process variant H business rules	58
6.10.6	Business process variant H key examples [informative]	59
7	BII Transactions involved	59
7.1	Summary	59
7.2	Collaborations	62
7.3	Buyer sends Order (BC-17016-1:2024-1)	63
7.4	Buyer changes Order (BC-17016-1:2024-2)	64
7.5	Buyer cancels Order (BC-17016-1:2024-3)	65
7.6	Seller acknowledges Order (BC-17016-1:2024-4)	66
7.7	Seller confirms Order (BC-17016-1:2024-5)	67
7.8	Seller rejects Order (BC-17016-1:2024-6)	68
7.9	Seller confirms Order Change (BC-17016-1:2024-7)	69
7.10	Seller rejects Order Change (BC-17016-1:2024-8)	70
7.11	Seller confirms Order Cancellation (BC-17016-1:2024-9)	71
7.12	Seller rejects Order Cancellation (BC-17016-1:2024-10)	72
7.13	Seller accepts Order partially or with changes (BC-17016-1:2024-11)	73
7.14	Seller changes Order (BC-17016-1:2024-12)	74
7.15	Buyer confirms Order Response (BC-17016-1:2024-13)	75
7.16	Buyer rejects Order Response (BC-17016-1:2024-14)	76
7.17	Buyer confirms Order Change (BC-17016-1:2024-15)	77
7.18	Buyer rejects Order Change (BC-17016-1:2024-16)	78
7.19	Seller sends Order Agreement (BC-17016-1:2024-17)	79
	Annex A (informative) Overview of the clauses and subclauses that fall under derivative use	80
	Bibliography	81