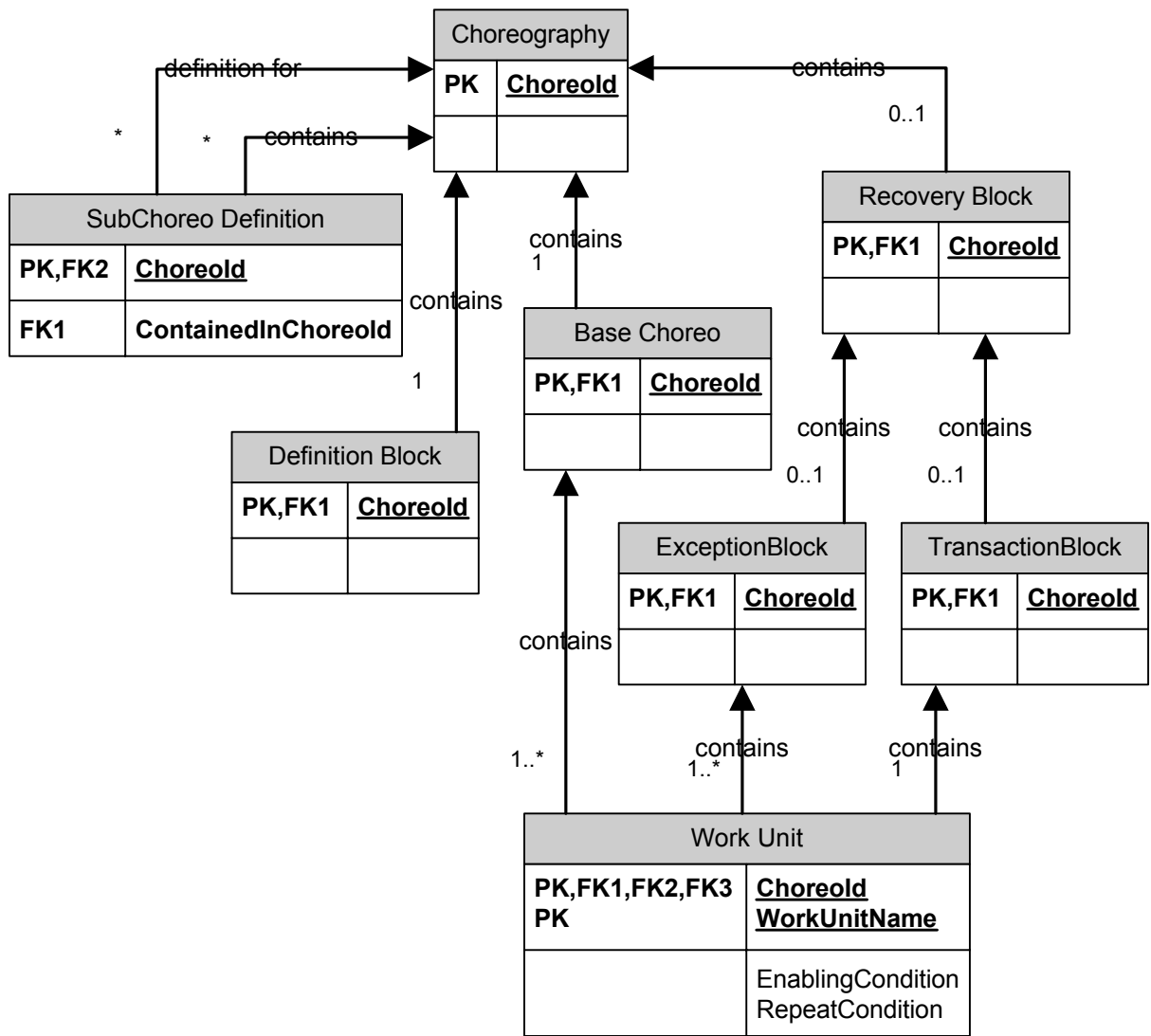
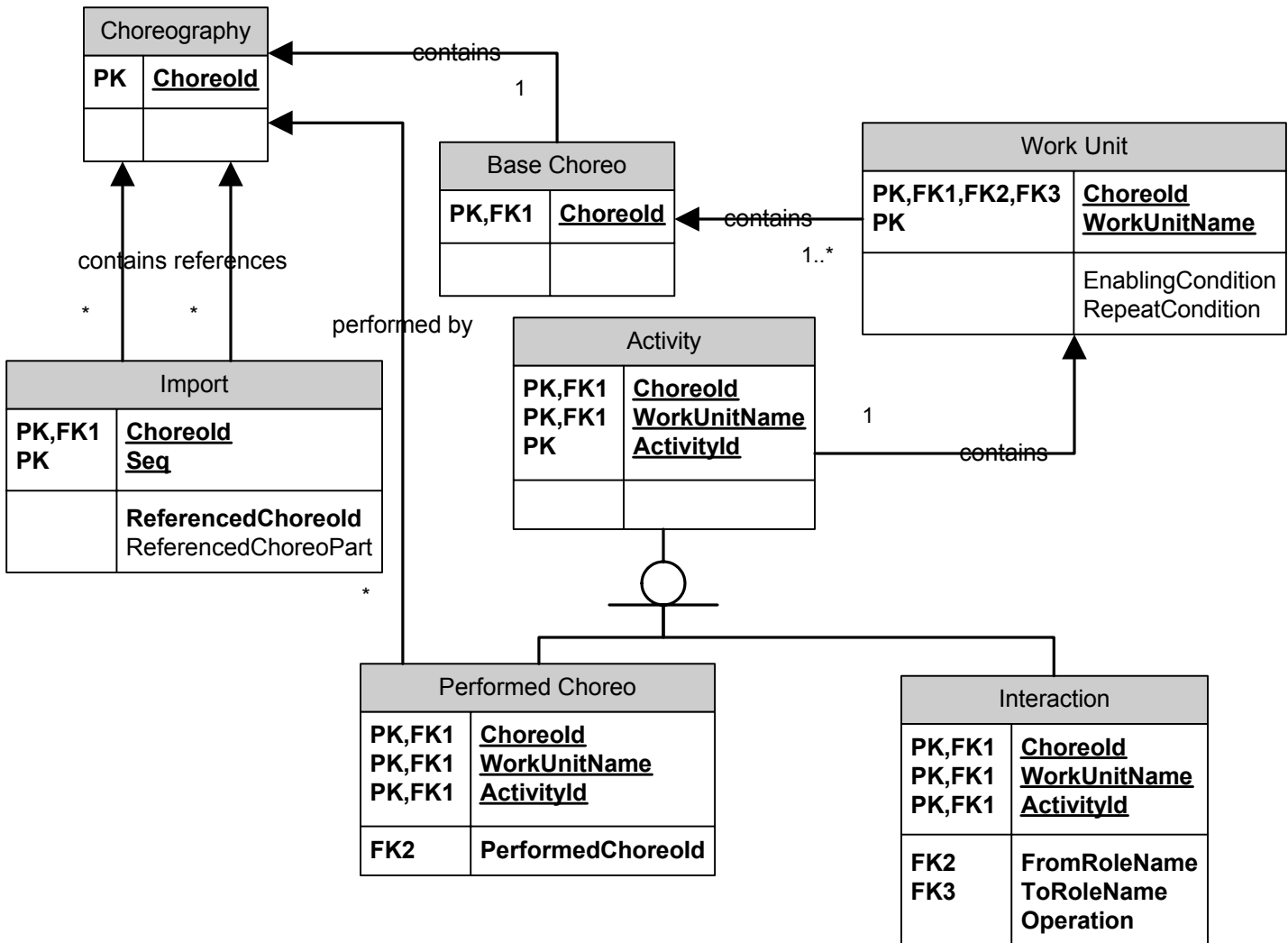
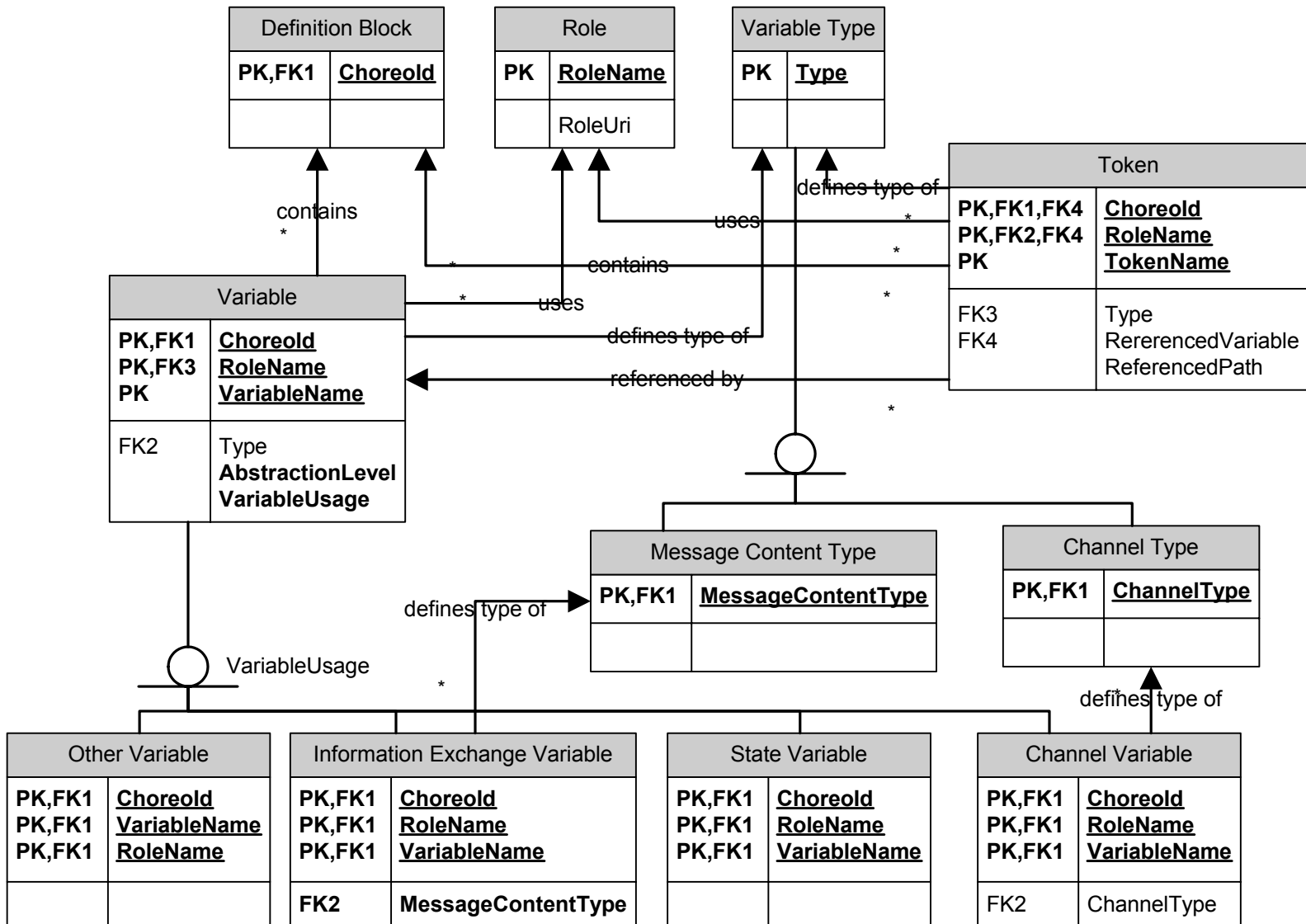


### Bill of Materials

Control Row to Track	Data 1	Data 2	Data 3	Height	Master	NameID	Shape ID	to Track	ShpName	ShpQty	ShpType
		0.888888888888889			Entity	Sheet.1		Entity	1	Group	
		0.888888888888889			Entity	Sheet.4		Entity.4	1	Group	
		1.05555555555556	Entity		Sheet.7		Entity.7	1	Group		
		-1.13888888888889	Relationship		Sheet.10			Relationship	1	Shape	
		-1.13888888888889	Relationship		Sheet.11			Relationship.11	1	Shape	
		1.22222222222222	Entity		Sheet.12		Entity.12	1	Group		
		-1.36111111111111	Relationship		Sheet.15			Relationship.15	1	Shape	
		-1.11111111111111	Relationship		Sheet.16			Relationship.16	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.17	11	Tracking Text	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.18	15	Tracking Text.18	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.19	16	Tracking Text.19	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.20	10	Tracking Text.20	1	Shape	
		0.888888888888889			Entity	Sheet.1		Entity	1	Group	
		0.888888888888889			Entity	Sheet.4		Entity.4	1	Group	
		0.888888888888889			Entity	Sheet.7		Entity.7	1	Group	
		0.888888888888889			Entity	Sheet.10		Entity.10	1	Group	
		0.888888888888889			Entity	Sheet.13		Entity.13	1	Group	
		0.888888888888889			Entity	Sheet.16		Entity.16	1	Group	
		0.888888888888889			Entity	Sheet.19		Entity.19	1	Group	
		-1.43055555555556	Relationship		Sheet.22			Relationship	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.23	22	Tracking Text	1	Shape	
		-0.3125	Relationship		Sheet.24			Relationship.24	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.25	24	Tracking Text.25	1	Shape	
		-0.750000000000001	Relationship		Sheet.26			Relationship.26	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.27	26	Tracking Text.27	1	Shape	
		-0.569444444444446	Relationship		Sheet.28			Relationship.28	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.29	28	Tracking Text.29	1	Shape	
		-1.04166666666667	Relationship		Sheet.30			Relationship.30	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.31	30	Tracking Text.31	1	Shape	
		-1.04166666666667	Relationship		Sheet.32			Relationship.32	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.33	32	Tracking Text.33	1	Shape	
		-0.687499999999999	Relationship		Sheet.34			Relationship.34	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.35	34	Tracking Text.35	1	Shape	
		1.22222222222222	Entity		Sheet.36		Entity.36	1	Group		
		-1.88888888888889	Relationship		Sheet.39			Relationship.39	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.40	39	Tracking Text.40	1	Shape	
		-0.708333333333335	Relationship		Sheet.41			Relationship.41	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.42	41	Tracking Text.42	1	Shape	
		-0.708333333333335	Relationship		Sheet.43			Relationship.43	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.44	43	Tracking Text.44	1	Shape	
		0.888888888888889			Entity	Sheet.1		Entity	1	Group	
		0.888888888888889			Entity	Sheet.4		Entity.10	1	Group	
		-0.513888888888889	Relationship		Sheet.7			Relationship	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.8	7	Tracking Text	1	Shape	
		1.22222222222222	Entity		Sheet.9		Entity.36	1	Group		
		0.25	Relationship		Sheet.12			Relationship.12	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.13	12	Tracking Text.13	1	Shape	
		1.22222222222222	Entity		Sheet.14		Entity.14	1	Group		
		-0.687499999999998	Relationship		Sheet.17			Relationship.17	1	Shape	
4		0.26111111111111			Tracking Text	Sheet.18	17	Tracking Text.18	1	Shape	







Definition Block	
PK,FK1	<u>Choreold</u>

Role	
PK	<u>RoleName</u>
	RoleUri

Variable Type	
PK	<u>Type</u>

Token	
PK,FK1,FK4	<u>Choreold</u>
PK,FK2,FK4	<u>RoleName</u>
PK	<u>TokenName</u>
FK3	Type
FK4	RererencedVariable
	ReferencedPath

Variable	
PK,FK1	<u>Choreold</u>
PK,FK3	<u>RoleName</u>
PK	<u>VariableName</u>
FK2	Type
	AbstractionLevel
	VariableUsage

Message Content Type	
PK,FK1	<u>MessageContentType</u>

Channel Type	
PK,FK1	<u>ChannelType</u>

Other Variable	
PK,FK1	<u>Choreold</u>
PK,FK1	<u>VariableName</u>
PK,FK1	<u>RoleName</u>

Information Exchange Variable	
PK,FK1	<u>Choreold</u>
PK,FK1	<u>RoleName</u>
PK,FK1	<u>VariableName</u>
FK2	MessageContentType

State Variable	
PK,FK1	<u>Choreold</u>
PK,FK1	<u>RoleName</u>
PK,FK1	<u>VariableName</u>

Channel Variable	
PK,FK1	<u>Choreold</u>
PK,FK1	<u>RoleName</u>
PK,FK1	<u>VariableName</u>
FK2	ChannelType

