

## PODS TABLES

### Table List

Name	Code	Label
Bend_Fabricator_Name_CL	Bend_Fabricator_Name_CL	Code List
Bond Lead	Bond_Lead	Facility Event
Bond Lead Material	Bond_Lead_Material_CL	Code List
Branch Connect	Branch_Connect	Facility Event
Branch Connect Manufacturer	Branch_Connect_Manufacturer_CL	Code List
Branch Connect Spec	Branch_Connect_Spec_CL	Code List
Branch Connect Type	Branch_Connect_Type_CL	Code List
Casing	Casing	Facility Event
Casing Insulator Type	Casing_Insulator_Type_CL	Code List
Casing Seal Type	Casing_Seal_Type_CL	Code List
Centerline Geo X Ref	Centerline_Geo_X_Ref	Coordinate
Centerline Geometry	Centerline_Geometry	Coordinate
Centrifugal Compressor	Centrifugal_Compressor	Facility Event
Centrifugal Compressor Mfgr	Centrifugal_Compressor_Mfgr_CL	Code List
Centrifugal Compressor Type	Centrifugal_Compressor_Type_CL	Code List
Closure	Closure	Facility Event
Closure Manufacturer	Closure_Manufacturer_CL	Code List
Closure Material	Closure_Material_CL	Code List
Closure Specification	Closure_Specification_CL	Code List
Closure Type	Closure_Type_CL	Code List
Coating Applicator	Coating_Applicator_GCL	Global Code List
Coating Condition	Coating_Condition_GCL	Code List
Coating Defect Type	Coating_Defect_Type_CL	Code List
Coating Manufacturer	Coating_Manufacturer_GCL	Global Code List
Coating Material	Coating_Material_GCL	Global Code List
Coating Type	Coating_Type_GCL	Global Code List
Company_CL	Company_CL	Code List
Compressor Emission Basis	Compressor_Emission_Basis_CL	Code List
Compressor Emission Units	Compressor_Emission_Units_CL	Code List
Compressor Emissions	Compressor_Emissions	Facility Event
Compressor Pocket Mfgr	Compressor_Pocket_Mfgr_CL	Code List
Compressor Station	Compressor_Station	Facility Event
Compressor Type of Service	Compressor_Type_of_Service_CL	Code List
Compressor_Cylinder	Compressor_Cylinder	
Compressor_Pocket	Compressor_Pocket	Facility Event
Compressor_Station_Event	Compressor_Station_Event	
Concrete Slab	Concrete_Slab	Facility Event
Connection	Connection	Hierarchy
Control Location	Control_Location_GCL	Code List
Control Type	Control_Type_GCL	Code List
Coordinate	Coordinate	Coordinate
Coordinate Source	Coordinate_Source	Coordinate
Coordinate Sys	Coordinate_Sys	Coordinate
Coordinate_Type_CL	Coordinate_Type_CL	
Corrosion Defect Type	Corrosion_Defect_Type_CL	Code List
CP Criteria	CP_Criteria_CL	Code List
CP Result	CP_Result_CL	Code List
CP Type	CP_Type_CL	Code List
Crack Type	Crack_Type_CL	Code List
Crack_Defect_Type_CL	Crack_Defect_Type_CL	Global Code List

Name	Code	Label
Crossing Material	Crossing_Material	Code List
Crossing Type	Crossing_Type_GCL	Global Code List
Crossing_Note_Type	Crossing_Note_Type	
Cycle Type	Cycle_Type_GCL	Global Code List
Depth Measurement Method	Depth_Measurement_Method_CL	Code List
Depth of Cover	Depth_of_Cover	Operating Event
Detected_Product	Detected_Product_CL	Code List
Determination Method	Determination_Method_CL	Code List
Diameter_GCL	Diameter_GCL	
Direction to Facility	Direction_to_Facility_CL	Code List
DOT Class	DOT_Class	Compliance Event
DOT Class CL	DOT_Class_CL	Code List
DOT Class Method	DOT_Class_Method_CL	Code List
Drip	Drip	Facility Event
Drip Riser	Drip_Riser	Facility Event
Drive Configuration	Drive_Configuration_GCL	Code List
Driven Load	Driven_Load_GCL	Global Code List
Elbow	Elbow	Facility Event
Elbow Manufacturer	Elbow_Manufacturer_CL	Code List
Elbow Material	Elbow_Material_CL	Code List
Elbow_Specification_CL	Elbow_Specification_CL	Code List
Electric Drive	Electric_Drive	Facility Event
Electric Motor Mfgr	Electric_Motor_Mfgr_GCL	Code List
Electric Prime_Mover	Electric_Prime_Mover	Facility Event
Engine Type	Engine_Type_GCL	Code List
Event Comment	Event_Comment	Core
Event Cross Ref	Event_Cross_Ref	Core
Event Cross Ref Status	Event_Cross_Ref_Status_CL	Code List
Event Group	Event_Group	Group
Event Report	Event_Report	Core
Event Report Type	Event_Report_Type_CL	Code List
Event_Group_Cross_Ref	Event_Group_Cross_Ref	Group
Event_Range	Event_Range	Core
External Coating	External_Coating	Facility Event
External Document	External_Document	Core
External_Pipe_Condition	External_Pipe_Condition_CL	Code List
Extrusion	Extrusion	Facility Event
Extrusion Material	Extrusion_Material_CL	Code List
Extrusion Opening	Extrusion_Opening	Facility Event
Extrusion Specification	Extrusion_Specification_CL	Code List
Extrusion Type	Extrusion_Type_CL	Code List
Extrusion Manufacturer	Extrusion_Manufacturer_CL	Code List
Fabrication	Fabrication	Facility Event
Fabrication Location	Fabrication_Location_CL	Code List
Facility Ranking	Facility_Ranking	Risk Assessment Event
Facility Rating	Facility_Rating	Assessment
Facility Rating Variance	Facility_Rating_Variance	Compliance Event
Facility Type	Facility_Type	Code List
Failure_Algorithm_GCL	Failure_Algorithm_GCL	Global Code List
Feature Category	Feature_Category_CL	Code List
Feature Type	Feature_Type_CL	Code List
Feature_Table	Feature_Table	Core
Flange	Flange	Facility Event
Flange Manufacturer	Flange_Manufacturer_CL	Code List
Flange Material	Flange_Material_CL	Code List

Name	Code	Label
Flange Specification	Flange_Specification_CL	Code List
Flange Type	Flange_Type_CL	Code List
Foreign Line Crossing	Foreign_Line_Crossing	Geographic Event
Fuel Type	Fuel_Type_GCL	Global Code List
Galvanic Anode	Galvanic_Anode	Facility Event
Galvanic Anode Material	Galvanic_Anode_Material_CL	Code List
Geographic Entity	Geographic_Entity	Geographic Event
Geographic Entity Type	Geographic_Entity_Type_CL	Code List
GPS Parameters	GPS_Parameters	
GPS_Point	GPS_Point	Coordinate
GPS_Point_Type_CL	GPS_Point_Type_CL	
GPS_Receiver_Type_CL	GPS_Receiver_Type_CL	
Grandfather Pressure	Grandfather_Pressure	Compliance Event
Ground Bed	Ground_Bed	Facility Event
Ground Bed Material	Ground_Bed_Material_CL	Code List
HCA_Boundary	HCA_Boundary	Compliance Event
HCA_Type_CL	HCA_Type_CL	
Hierarchy	Hierarchy	Hierarchy
ILI Cluster	ILI_Cluster	Inspection Event
ILI Crack	ILI_Crack	Inspection Event
ILI Joint	ILI_Joint	Inspection Event
ILI Material Defect	ILI_Material_Defect	Inspection Event
ILI Mechanical Damage	ILI_Mechanical_Damage	Inspection Event
ILI Metal Loss	ILI_Metal_Loss	Inspection Event
ILI Pipe Facility	ILI_Pipe_Facility	Inspection Event
ILI Tool	ILI_Tool_CL	Inspection Event
ILI Tool Manufacturer	ILI_Tool_Manufacturer_CL	Code List
ILI Tool Type	ILI_Tool_Type_CL	Code List
ILI Unclassified	ILI_Unclassified	Inspection Event
ILI_AGM	ILI_AGM	Inspection Event
Injector	Injector	Facility Event
Injector Type	Injector_Type_CL	Code List
Inline Inspection	Inline_Inspection	Inspection Event
Inspection Class	Inspection_Class_CL	Code List
Inspection Type	Inspection_Type_CL	Code List
Interface Detector	Interface_Detector	Facility Event
Interface Detector Mfgr	Interface_Detector_Mfgr_CL	Code List
Interface Detector Type	Interface_Detector_Type_CL	Code List
Internal Coating	Internal_Coating	Facility Event
Internal_Pipe_Condition	Internal_Pipe_Condition_CL	Code List
Junction Box	Junction_Box	Facility Event
Launcher Receiver	Launcher_Receiver	Facility Event
Launcher Receiver Type	Launcher_Receiver_Type_CL	Code List
Leak Cause	Leak_Cause_CL	Code List
Leak History	Leak_History	Compliance Event
Leak Repair Type	Leak_Repair_Type_CL	Code List
Leak Survey Type	Leak_Survey_Type_CL	Code List
Leak_History_Event	Leak_History_Event	Compliance Event
Legacy Line Name	Legacy_Line_Name	Stationing
Line	Line	Stationing
Line Owner	Line_Owner	Code List
Line System Type	Line_System_Type_CL	Code List
Line Type	Line_Type_CL	Code List
Location	Location	Coordinate
LocationType	Location_Type_CL	Code List

Name	Code	Label
Maintenance	Maintenance	Compliance Event
Maintenance_Event	Maintenance_Event	Compliance Event
Maintenance_Type_CL	Maintenance_Type_CL	Source
MAOP Determination Method	MAOP_Determination_Method_CL	Code List
MAOP Rating	MAOP_Rating	Compliance Event
Marker	Marker	Facility Event
Marker Sign Type	Marker_Sign_Type_CL	Code List
Marker Type	Marker_Type_GCL	Code List
Material Defect Type	Material_Defect_Type_GCL	Global Code List
Measure Transform	Measure_Transform	Measure_Transform
Measurement Method	Measurement_Method_CL	Code List
Mechanical Defect Type	Mechanical_Defect_Type_GCL	Code List
Metal Loss Defect Type	Metal_Loss_Defect_Type_CL	Code List
Metal Loss Type	Metal_Loss_Type_CL	Code List
Meter	Meter	Facility Event
Meter Manufacturer CL	Meter_Manufacturer_CL	Code List
Meter Specification	Meter_Specification_CL	Code List
Meter Type	Meter_Type_CL	Code List
Meter_Station	Meter_Station	
Meter_Station_Class_CL	Meter_Station_Class_CL	
Meter_Station_Status_CL	Meter_Station_Status_CL	
Meter_Station_Type_CL	Meter_Station_Type_CL	
Monument	Monument	Coordinate
Monument Type	Monument_Type_CL	Code List
Motor Size Units	Motor_Size_Units_GCL	Code List
Motor_Type_GCL	Motor_Type_GCL	Code List
MPI_Mehod	MPI_Method_CL	Code List
Nearest Facility	Nearest_Facility_CL	Code List
Network	Network	Network
Network Junction	Network_Junction	Network
Network Segment	Network_Segment	Network
Odorant Measurement	Odorant_Measurement	Operating Event
Odorant Type	Odorant_Type_CL	Code List
Offline	Offline	Compliance Event
Offline Type	Offline_Type_CL	Code List
Offline_Event	Offline_Event	
Operating Status	Operating_Status_CL	Code List
Outside_Company	Outside_Company_CL	Code List
Ownership_Type	Ownership_Type_CL	Code List
Packager_GCL	Packager_GCL	Code List
Part	Part	Coordinate
Physical Inspection	Physical_Inspection	Inspection Event
PI Adjacent Construction	PI_Adjacent_Construction	Inspection Event
PI Coating Data	PI_Coating_Data	Inspection Event
PI Corrosion	PI_Corrosion	Inspection Event
PI CP Inspection	PI_CP_Inspection	Inspection Event
PI Cracking	PI_Cracking	Inspection Event
PI Environment	PI_Environment	Inspection Event
PI Excavation	PI_Excavation	Inspection Event
PI Girth Weld	PI_Girth_Weld	Inspection Event
PI Leak Survey	PI_Leak_Survey	Inspection Event
PI Leak Survey Reading	PI_Leak_Survey_Reading	Inspection Event
PI Long Weld	PI_Long_Weld	Inspection Event
PI Material Defect	PI_Material_Defect	Inspection Event
PI Mechanical Damage	PI_Mechanical_Damage	Inspection Event

Name	Code	Label
PI Metal Loss	PI_Metal_Loss	Inspection Event
PI Pipe Condition	PI_Pipe_Condition	Inspection Event
PI Relief Valve	PI_Relief_Valve	Inspection Event
PI Right of Way	PI_Right_of_Way	Inspection Event
PI Soil	PI_Soil	Inspection Event
PI_CP_Reading	PI_CP_Reading	Inspection Event
PI_CP_Reading_Type_CL	PI_CP_Reading_Type_CL	Code List
PI_Water	PI_Water	Inspection Event
Pig Signal	Pig_Signal	Facility Event
Pig Signal Manufacturer	Pig_Signal_Manufacturer_CL	Code List
Pig_Signal_Type	Pig_Signal_Type_CL	Code List
Pipe Bend	Pipe_Bend	Facility Event
Pipe Bend Technique	Pipe_Bend_Technique_CL	Code List
Pipe Bend Type	Pipe_Bend_Type_CL	Code List
Pipe Join Spec	Pipe_Join_Spec_CL	Code List
Pipe Join Type	Pipe_Join_Type_CL	Code List
Pipe Manufacturer	Pipe_Manufacturer_GCL	Global Code List
Pipe Material	Pipe_Material_GCL	Global Code List
Pipe Mill Location	Pipe_Mill_Location_GCL	Global Code List
Pipe Segment	Pipe_Segment	Facility Event
Pipe Specification	Pipe_Specification_GCL	Global Code List
Pipe_Grade_GCL	Pipe_Grade_GCL	Global Code List
Pipe_Join	Pipe_Join	Facility Event
Pipe_Joint	Pipe_Joint	Facility Event
Pipe_Long_Seam_GCL	Pipe_Long_Seam_GCL	Global Code List
Pipeline Location	Pipeline_Location	Code List
Pocket Function	Pocket_Function_CL	Code List
Pocket Location	Pocket_Location_CL	Code List
Pocket Type	Pocket_Type_CL	Code List
Pressure Measure Method	Pressure_Measure_Method_CL	Code List
Pressure Measurement	Pressure_Measurement	Operating Event
Pressure Test Medium	Pressure_Test_Medium_CL	Code List
Pressure Test Type	Pressure_Test_Type_CL	Code List
Primary Function	Primary_Function_CL	Code List
Prime_Mover_Type_CL	Prime_Mover_Type_CL	Global Code List
Product_Classification_CL	Product_Classification_CL	Code List
Product_Type	Product_Type_CL	Code List
Pump	Pump	Facility Event
Pump Station	Pump_Station	Facility Event
Pump_Emissions	Pump_Emissions	Facility Event
Pump_Manufacturer_CL	Pump_Manufacturer_CL	Global Code List
Pump_Station_Event	Pump_Station_Event	
Pump_Station_Unit	Pump_Station_Unit	
Pump_Type_CL	Pump_Type_CL	Global Code List
Railroad	Railroad	Geographic Event
Railroad Operator	Railroad_Operator_CL	Code List
Ranking Purpose	Ranking_Purpose	Code List
Rated Power Basis	Rated_Power_Basis_CL	Code List
Rated Power Units	Rated_Power_Units_CL	Code List
Rating Purpose	Rating_Purpose_CL	Code List
Recip Compressor Mfgr	Recip_Compressor_Mfgr_CL	Code List
Recip Compressor Type	Recip_Compressor_Type_CL	Code List
Recip_Prime_Mover_Mfgr_CL	Recip_Prime_Mover_Mfgr_CL	Global Code List
Recip_Prime_Mover_Profile	Recip_Prime_Mover_Profile	Facility Event
Reciprocating Compressor	Reciprocating_Compressor	Facility Event

Name	Code	Label
Reciprocating Drive	Reciprocating_Drive	Facility Event
Reciprocating Drive Mfgr	Reciprocating_Drive_Mfgr_CL	Code List
Reciprocating Emission Profile	Reciprocating_Emission_Profile	Facility Event
Reciprocating Prime Mover	Reciprocating_Prime_Mover	Facility Event
Rectifier	Rectifier	Facility Event
Rectifier Manufacturer CL	Rectifier_Manufacturer_CL	Code List
Rectifier Type	Rectifier_Type_CL	Code List
Reducer	Reducer	Facility Event
Reducer Material	Reducer_Material_CL	Code List
Reducer Mfgr	Reducer_Manufacturer_CL	Code List
Reducer Specification	Reducer_Specification_CL	Code List
Reducer Type	Reducer_Type_CL	Code List
Relief Valve Service Type	Relief_Valve_Service_Type_CL	Code List
Right of Way	Right_of_Way	Geographic Event
Right_of_Way_Type_CL	Right_of_Way_Type_CL	Code List
River Weight	River_Weight	Facility Event
Road	Road	Geographic Event
Road Surface	Road_Surface	Code List
Route	Route	Stationing
Route Type	Route_Type_CL	Code List
Routing Note	Routing_Note	Geographic Event
Sample Location	Sample_Location_CL	Code List
Series	Series	Stationing
Shaft_Type_CL	Shaft_Type_CL	Global Code List
Shape	Shape	Coordinate
Sheet Note	Sheet_Note	Geographic Event
Sleeve	Sleeve	Facility Event
Sleeve Manufacturer	Sleeve_Manufacturer_CL	Code List
Sleeve Material	Sleeve_Material_CL	Code List
Sleeve Specification	Sleeve_Specification_CL	Code List
Sleeve Type	Sleeve_Type_CL	Code List
SMYS_GCL	SMYS_GCL	
Soil Deposition	Soil_Deposition_CL	Code List
Soil Texture	Soil_Texture_CL	Code List
Source	Source_CL	Source
Speed Control	Speed_Control_GCL	Code List
Stability	Stability_CL	Code List
State Name	State_Name_CL	Code List
Station Point	Station_Point	Stationing
Straightening Vane Material	Straightening_Vane_Material_CL	Code List
Straightening Vane Mfgr	Straightening_Vane_Mfgr_CL	Code List
Straightening Vanes	Straightening_Vanes	Facility Event
Structure	Structure	Compliance Event
Structure Type	Structure_Type_CL	Code List
Structure_Event	Structure_Event	
Surface	Surface_GCL	Global Code List
Surface Drainage	Surface_Drainage_CL	Code List
Surface Prep Method	Surface_Prep_Method	Code List
Tap	Tap	Facility Event
Tap Manufacturer	Tap_Manufacturer_CL	Code List
Tap Method	Tap_Method_CL	Code List
Tap Specification	Tap_Specification_CL	Code List
Tap Type	Tap_Type_CL	Code List
Tee	Tee	Facility Event
Tee Manufacturer	Tee_Manufacturer_CL	Code List

Name	Code	Label
Tee Material	Tee_Material_CL	Code List
Tee Specification	Tee_Specification_CL	Code List
Tee Type	Tee_Type_CL	Code List
Temperature Measure Method	Temperature_Measure_Method_CL	Code List
Temperature Measurement	Temperature_Measurement	Operating Event
Terrain	Terrain_CL	Code List
Test Lead	Test_Lead	Facility Event
Test Pressure	Test_Pressure	Compliance Event
Test_Lead_Status_CL	Test_Lead_Status_CL	Global Code List
Test_Lead_Type_CL	Test_Lead_Type_CL	Global Code List
Tool_Technology	Tool_Technology	
Tool_Technology_CL	Tool_Technology_CL	Code List
Transform	Transform	Measure
Turbine Drive	Turbine_Drive	Facility Event
Turbine Drive Mfgr	Turbine_Drive_Mfgr_CL	Code List
Turbine Emission Profile	Turbine_Emission_Profile	Facility Event
Turbine Prime Mover	Turbine_Prime_Mover	Facility Event
Turbine_Prime_Mover_Profile	Turbine_Prime_Mover_Profile	Facility Event
Type of Motor	Type_of_Motor_CL	Code List
Unit	Unit	
Unit Of Measure	Unit_Of_Measure_GCL	Global Code List
Uprating Determ Method	Uprating_Determ_Method_CL	Code List
Valve	Valve	Facility Event
Valve Manufacturer	Valve_Manufacturer_CL	Code List
Valve Operator	Valve_Operator	Facility Event
Valve Operator Manufacturer	Valve_Operator_Manufacturer_CL	Code List
Valve Operator Type	Valve_Operator_Type_CL	Code List
Valve Specification	Valve_Specification_CL	Code List
Valve Type	Valve_Type_CL	Code List
Vent Pipe	Vent_Pipe	Facility Event
Vertex	Vertex	Coordinate
Vessel	Vessel	Facility Event
Vessel Manufacturer	Vessel_Manufacturer_CL	Code List
Vessel Specification	Vessel_Specification_CL	Code List
Vessel Type	Vessel_Type_CL	Code List
Wall_Thickness_GCL	Wall_Thickness_GCL	
Waterway	Waterway	Geographic Event
Weight Type	Weight_Type_CL	Code List
Weld_Condition	Weld_Condition_GCL	Global Code List
Where Coating Applied	Where_Coating_Applied_GCL	Global Code List
Work Order	Work_Order	Work History Event
Work_Order_Type_CL	Work_Order_Type_CL	

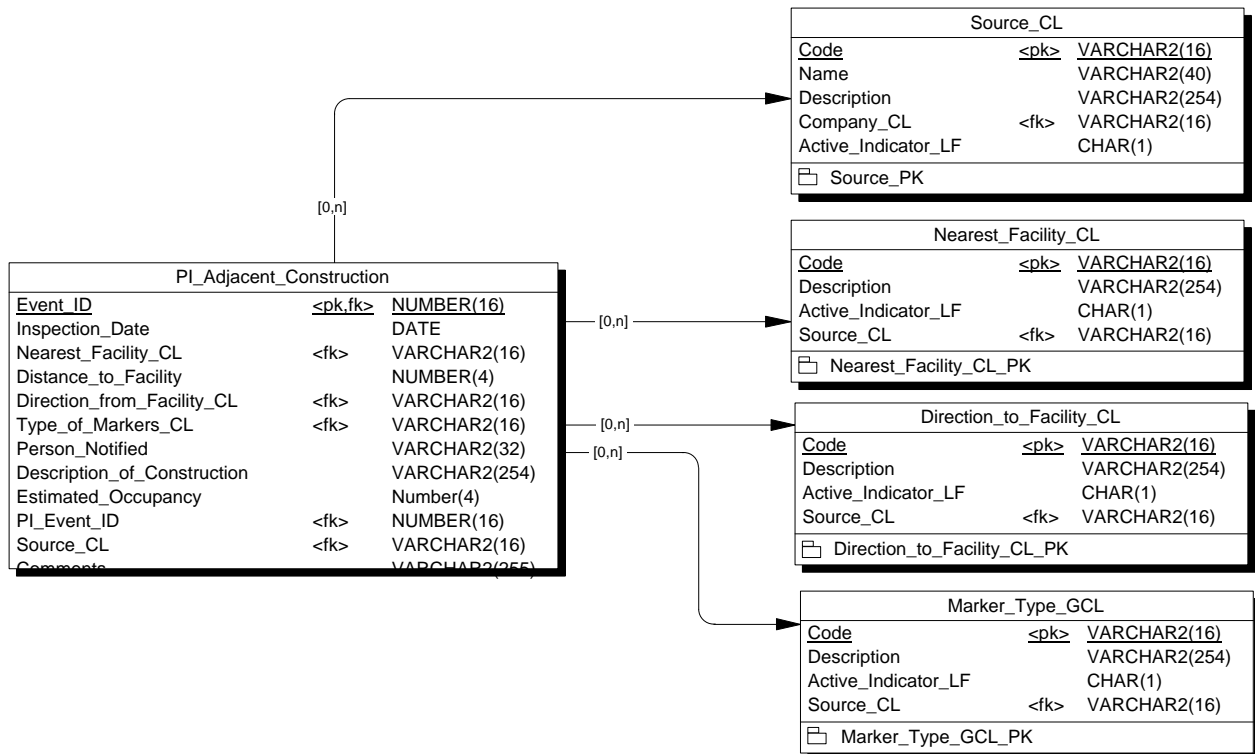
## PODS - SUBMODELS

### Adjacent Construction Submodel

#### Table List

Name	Code	Label	Num
Direction to Facility	Direction_to_Facility_CL	Code List	
Marker Type	Marker_Type_GCL	Code List	
Nearest Facility	Nearest_Facility_CL	Code List	
PI Adjacent Construction	PI_Adjacent_Construction	Inspection Event	
Source	Source_CL	Source	

#### Submodel Graph

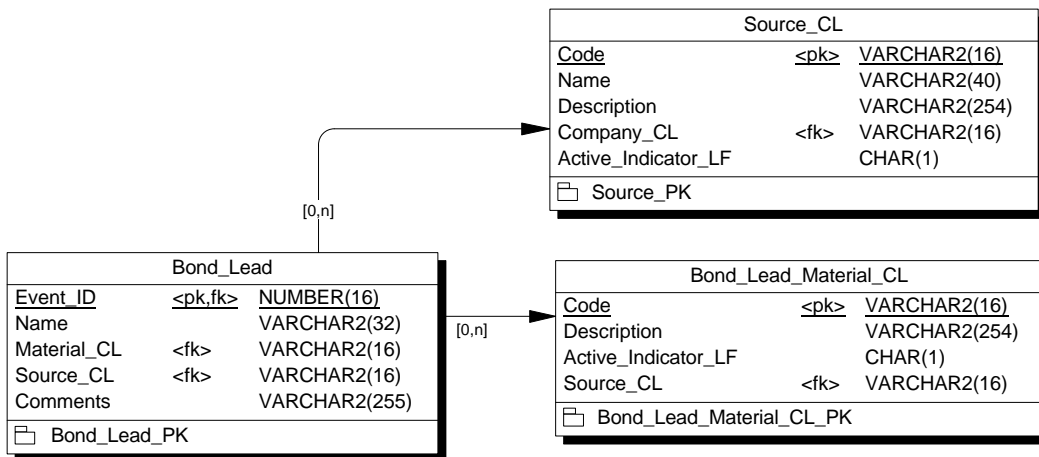


## Bond Lead Submodel

### Table List

Name	Code	Label	Num
Bond Lead	Bond_Lead	Facility Event	
Bond Lead Material	Bond_Lead_Material_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

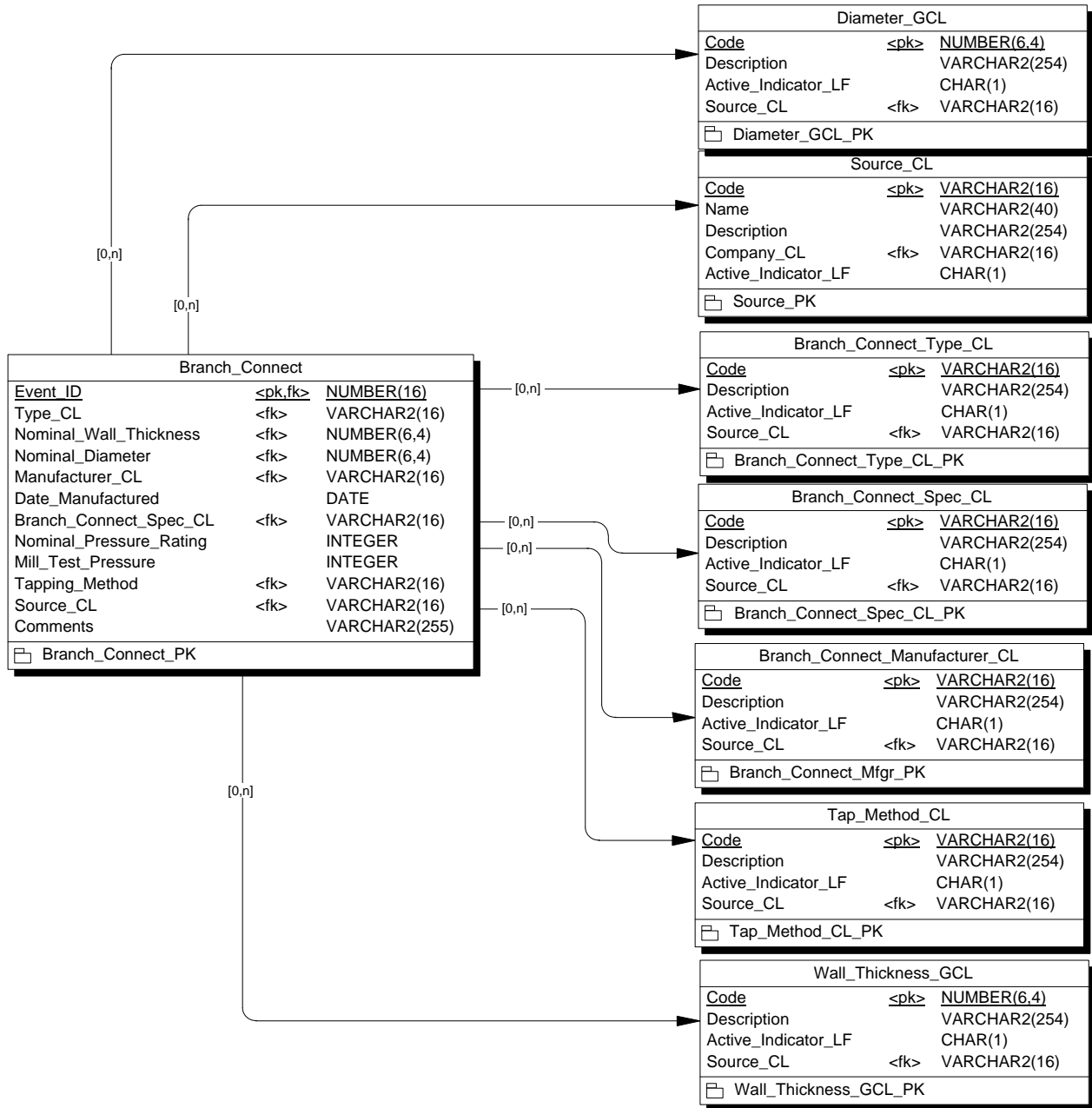


## Branch Connect Submodel

### Table List

Name	Code	Label	Num
Branch Connect	Branch_Connect	Facility Event	
Branch Connect Manufacturer	Branch_Connect_Manufacturer_ CL	Code List	
Branch Connect Spec	Branch_Connect_Spec_CL	Code List	
Branch Connect Type	Branch_Connect_Type_CL	Code List	
Diameter_GCL	Diameter_GCL		
Source	Source_CL	Source	
Tap Method	Tap_Method_CL	Code List	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

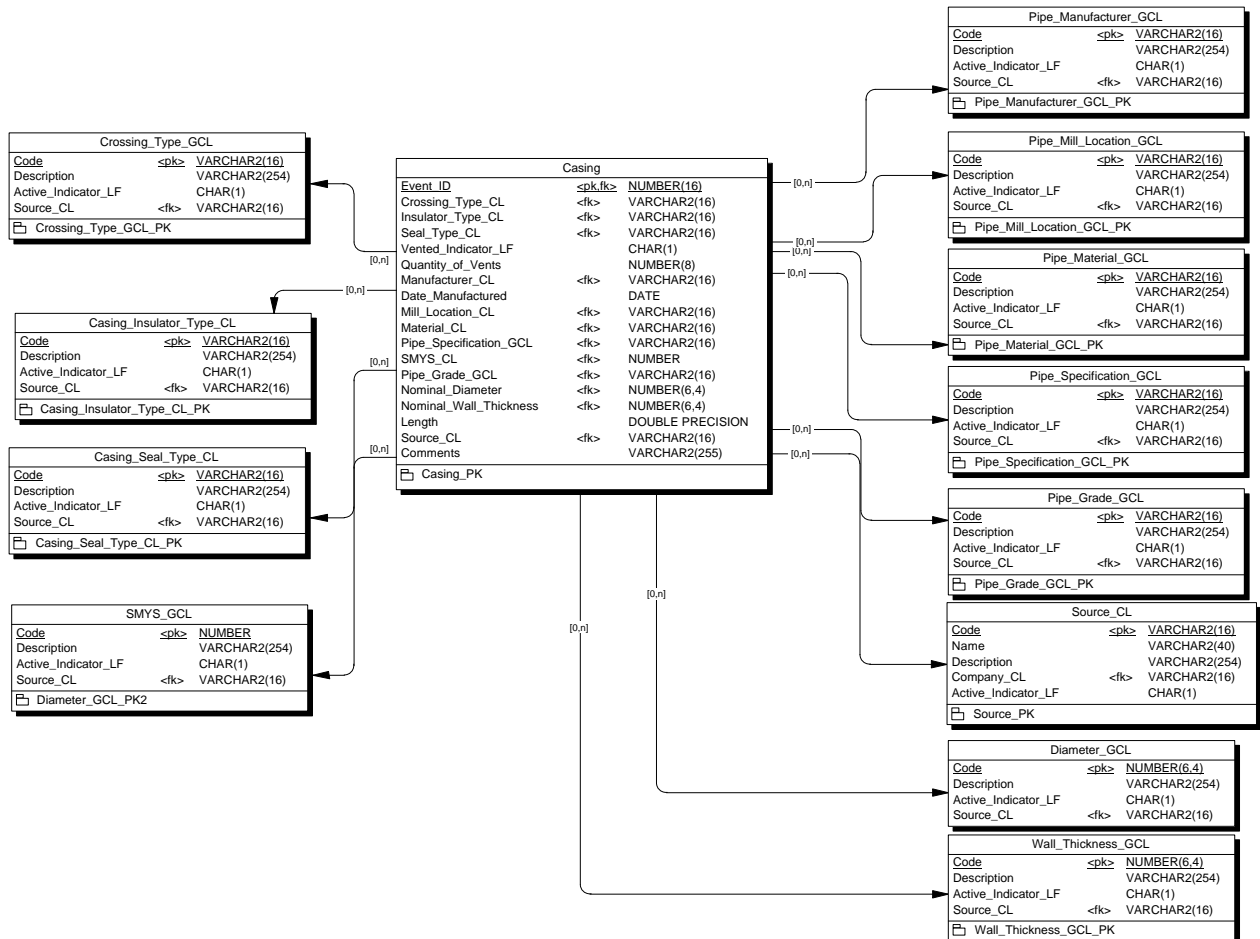


# Casing Submodel

## Table List

Name	Code	Label	Num
Casing	Casing	Facility Event	
Casing Insulator Type	Casing_Insulator_Type_CL	Code List	
Casing Seal Type	Casing_Seal_Type_CL	Code List	
Crossing Type	Crossing_Type_GCL	Global Code List	
Diameter_GCL	Diameter_GCL		
Pipe Manufacturer	Pipe_Manufacturer_GCL	Global Code List	
Pipe Material	Pipe_Material_GCL	Global Code List	
Pipe Mill Location	Pipe_Mill_Location_GCL	Global Code List	
Pipe Specification	Pipe_Specification_GCL	Global Code List	
Pipe_Grade_GCL	Pipe_Grade_GCL	Global Code List	
SMYS_GCL	SMYS_GCL		
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

## Submodel Graph

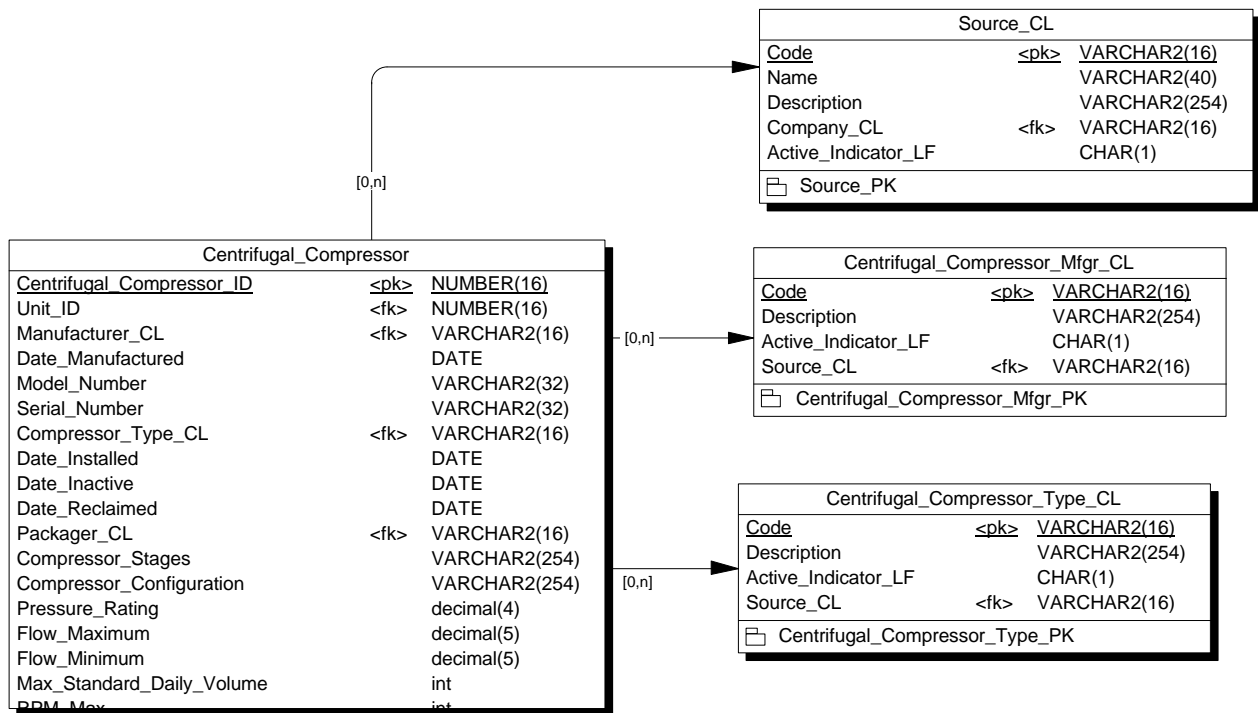


## Centrifugal Compressor Submodel

### Table List

Name	Code	Label	Num
Centrifugal Compressor	Centrifugal_Compressor	Facility Event	
Centrifugal Compressor Mfgr	Centrifugal_Compressor_Mfgr_CL	Code List	
Centrifugal Compressor Type	Centrifugal_Compressor_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

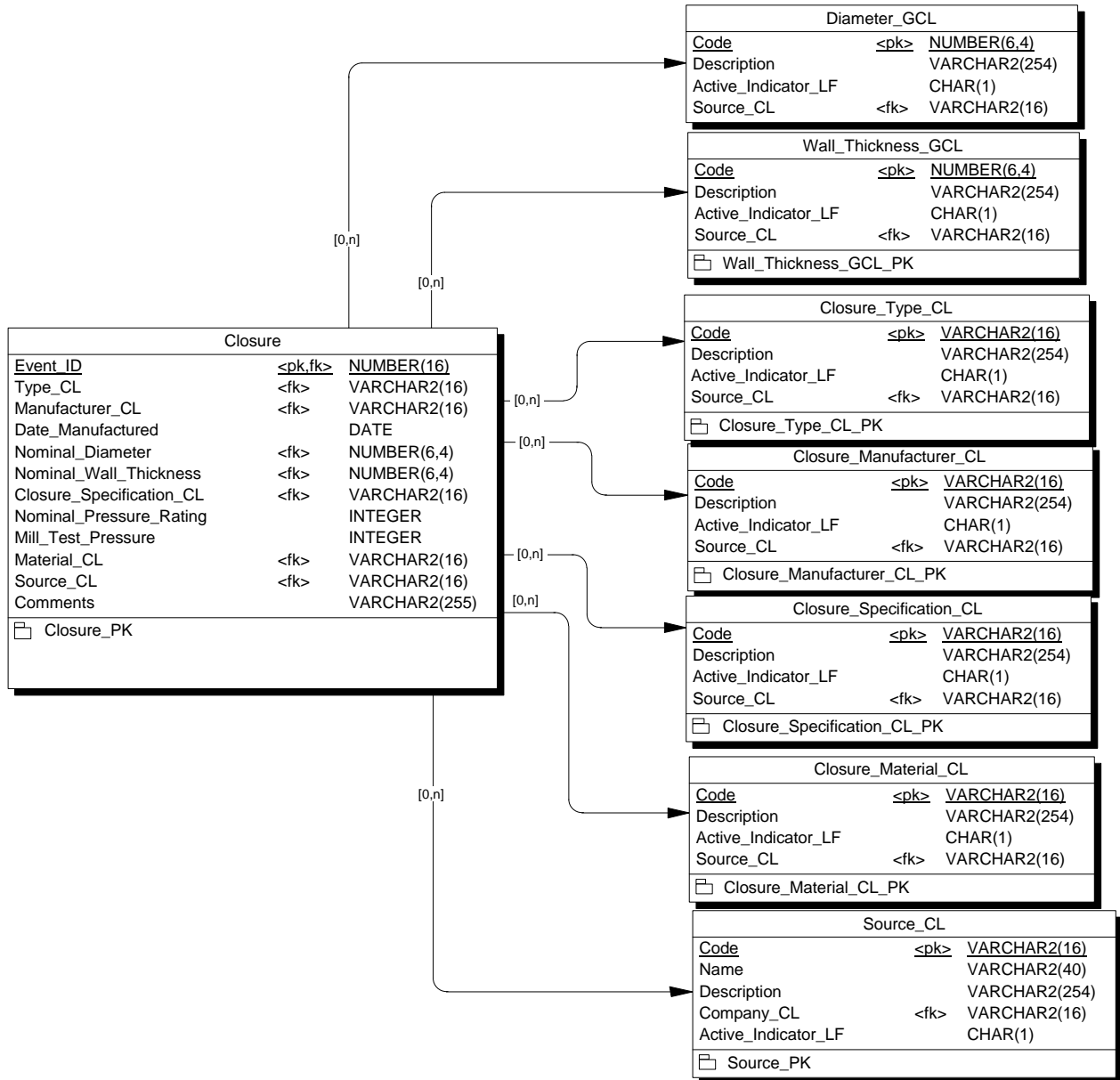


## Closure Submodel

### Table List

Name	Code	Label	Num
Closure	Closure	Facility Event	
Closure Manufacturer	Closure_Manufacturer_CL	Code List	
Closure Material	Closure_Material_CL	Code List	
Closure Specification	Closure_Specification_CL	Code List	
Closure Type	Closure_Type_CL	Code List	
Diameter_GCL	Diameter_GCL		
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

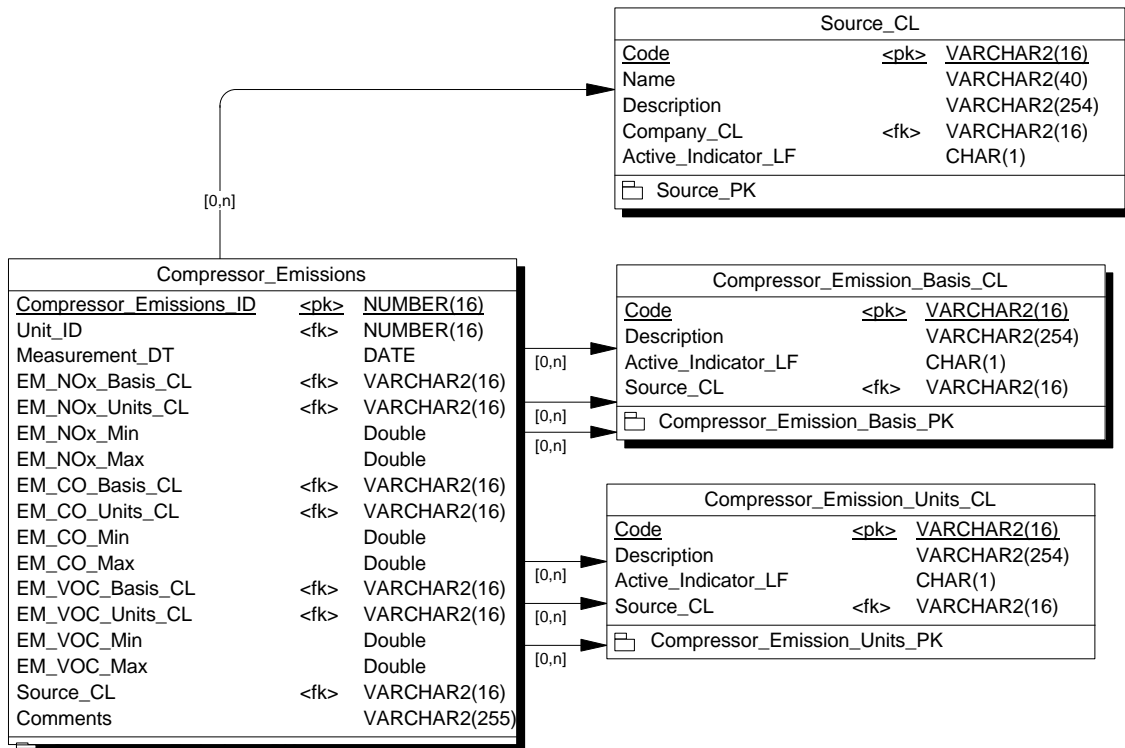


## Compressor Emissions Submodel

### Table List

Name	Code	Label	Num
Compressor Emission Basis	Compressor_Emission_Basis_CL	Code List	
Compressor Emission Units	Compressor_Emission_Units_CL	Code List	
Compressor Emissions Source	Compressor_Emissions Source_CL	Facility Event Source	

### Submodel Graph



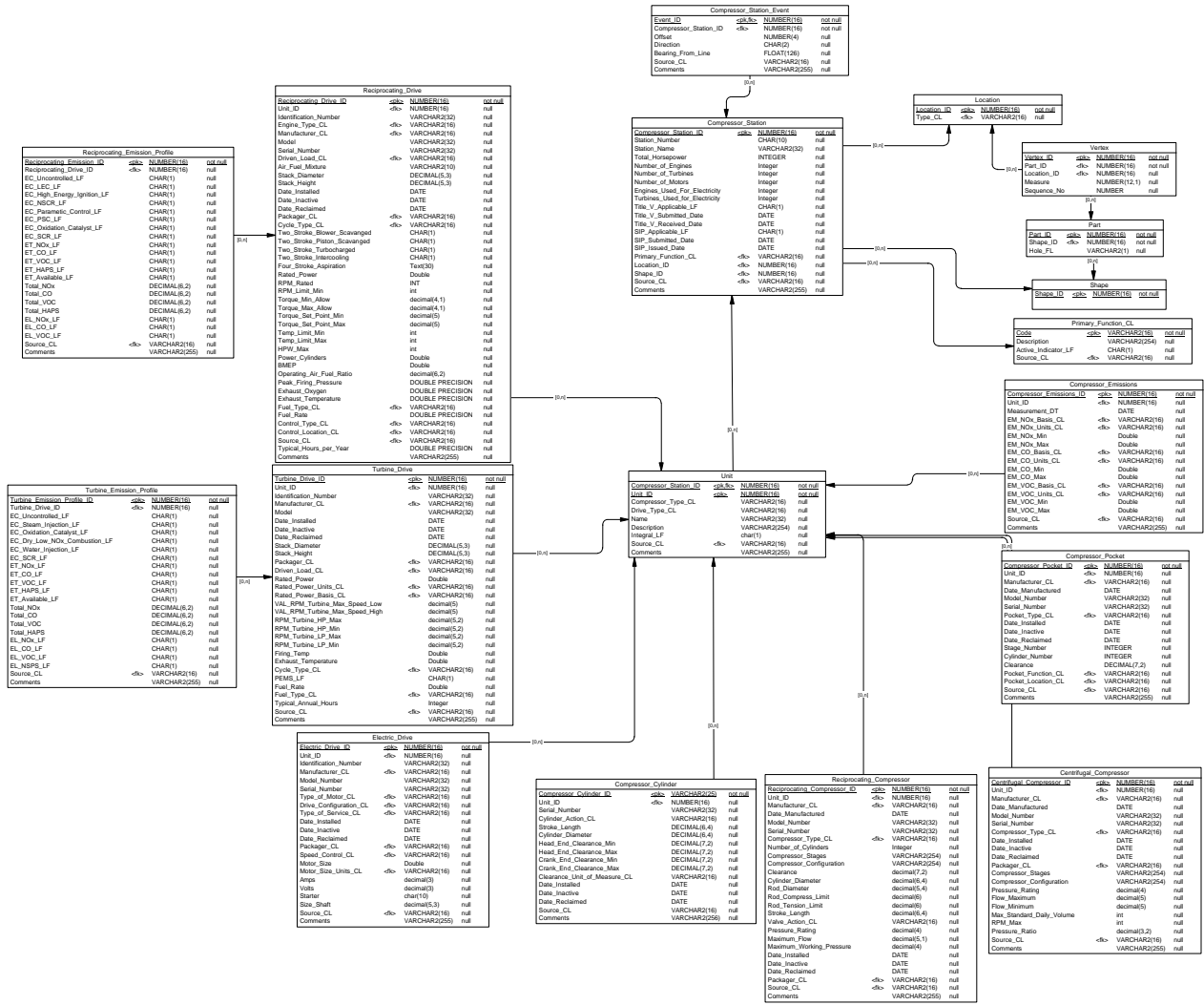
## Compressor Station Submodel

### Table List

Name	Code	Label	Num
Centrifugal Compressor	Centrifugal_Compressor	Facility Event	
Compressor Emissions	Compressor_Emissions	Facility Event	
Compressor Station	Compressor_Station	Facility Event	
Compressor_Cylinder	Compressor_Cylinder		
Compressor_Pocket	Compressor_Pocket	Facility Event	
Compressor_Station_Event	Compressor_Station_Event		
Electric Drive	Electric_Drive	Facility Event	
Location	Location	Coordinate	
Packager_GCL	Packager_GCL	Code List	
Part	Part	Coordinate	
Primary Function	Primary_Function_CL	Code List	
Reciprocating Compressor	Reciprocating_Compressor	Facility Event	
Reciprocating Drive	Reciprocating_Drive	Facility Event	
Reciprocating Emission Profile	Reciprocating_Emission_Profile	Facility Event	
Shape	Shape	Coordinate	
Turbine Drive	Turbine_Drive	Facility Event	
Turbine Emission Profile	Turbine_Emission_Profile	Facility Event	
Unit	Unit		
Vertex	Vertex	Coordinate	

### Submodel Graph

# Pipeline Open Data Standard

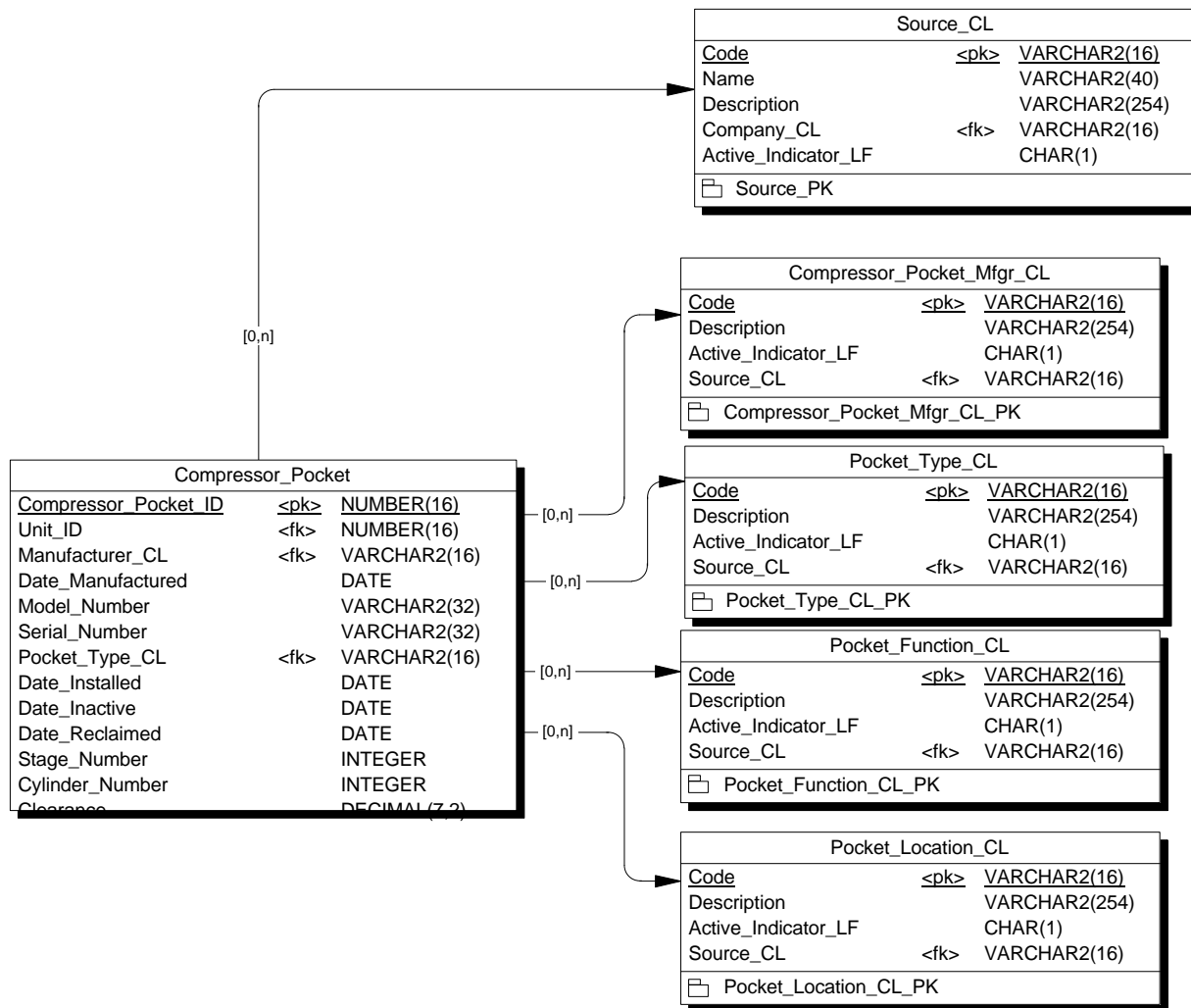


## Compressor\_Pocket Submodel

### Table List

Name	Code	Label	Num
Compressor Pocket Mfgr	Compressor_Pocket_Mfgr_CL	Code List	
Compressor_Pocket	Compressor_Pocket	Facility Event	
Pocket Function	Pocket_Function_CL	Code List	
Pocket Location	Pocket_Location_CL	Code List	
Pocket Type	Pocket_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

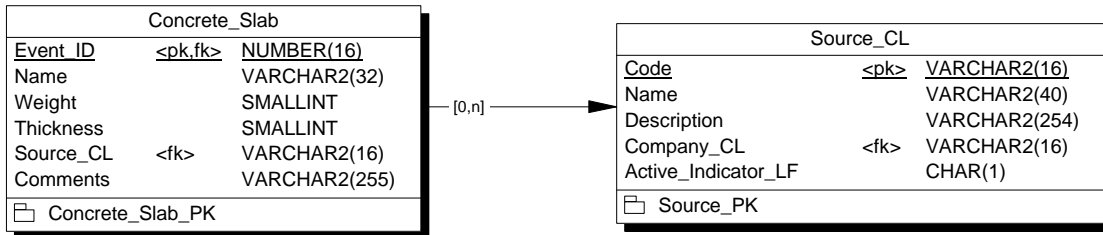


## Concrete Slab Submodel

### Table List

Name	Code	Label	Num
Concrete Slab Source	Concrete_Slab Source_CL	Facility Event Source	

### Submodel Graph

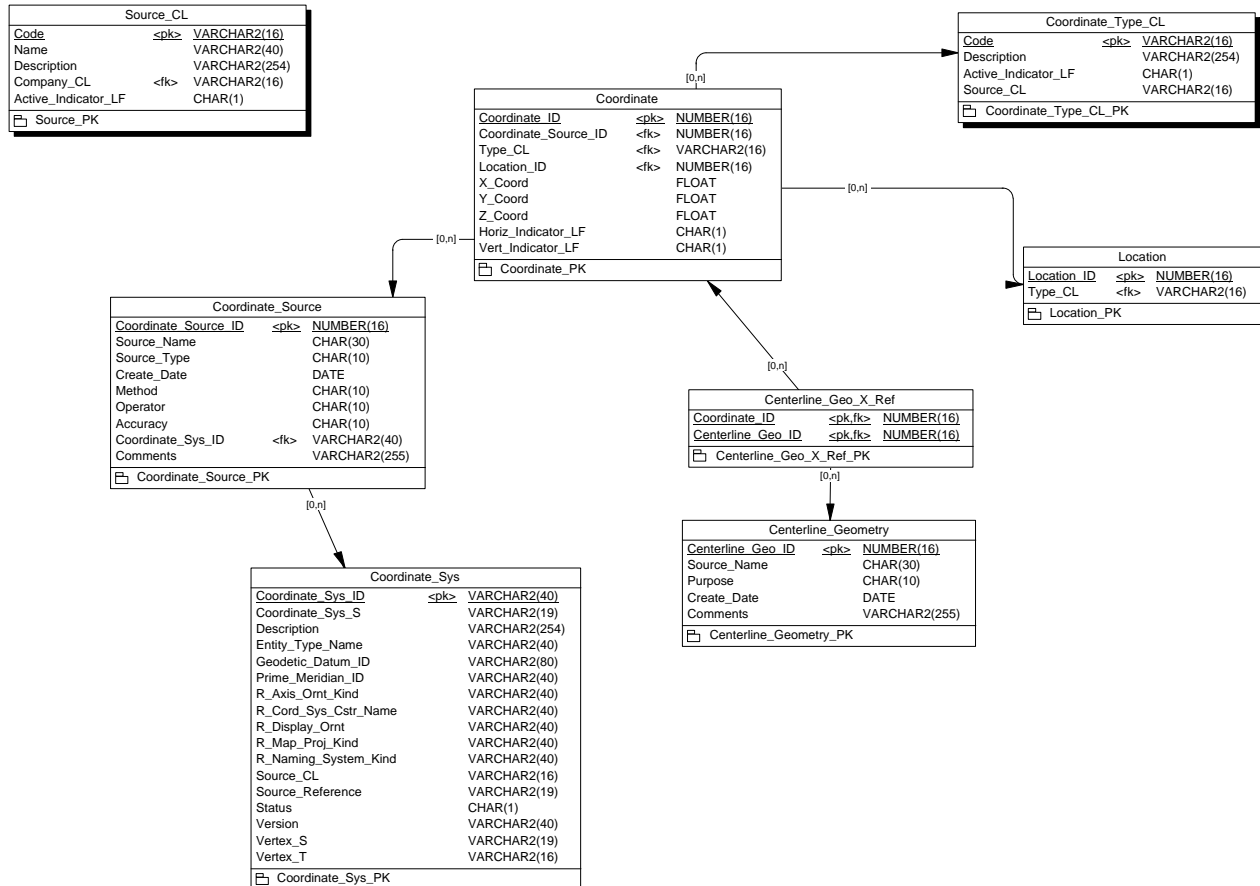


## Coordinate Submodel

### Table List

Name	Code	Label	Num
Centerline Geo X Ref	Centerline_Geo_X_Ref	Coordinate	
Centerline Geometry	Centerline_Geometry	Coordinate	
Coordinate	Coordinate	Coordinate	
Coordinate Source	Coordinate_Source	Coordinate	
Coordinate Sys	Coordinate_Sys	Coordinate	
Coordinate_Type_CL	Coordinate_Type_CL		
Location	Location	Coordinate	
Source	Source_CL	Source	

### Submodel Graph

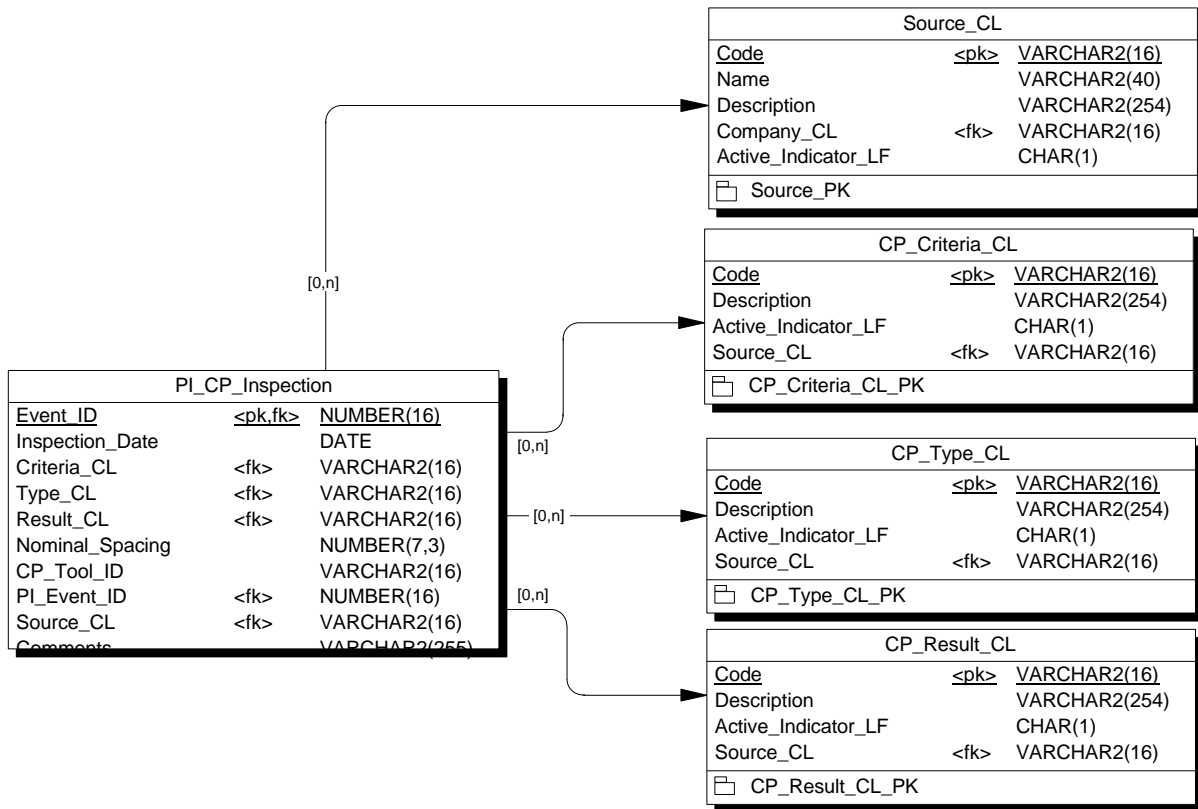


## CP Inspection Submodel

### Table List

Name	Code	Label	Num
CP Criteria	CP_Criteria_CL	Code List	
CP Result	CP_Result_CL	Code List	
CP Type	CP_Type_CL	Code List	
PI CP Inspection	PI_CP_Inspection	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

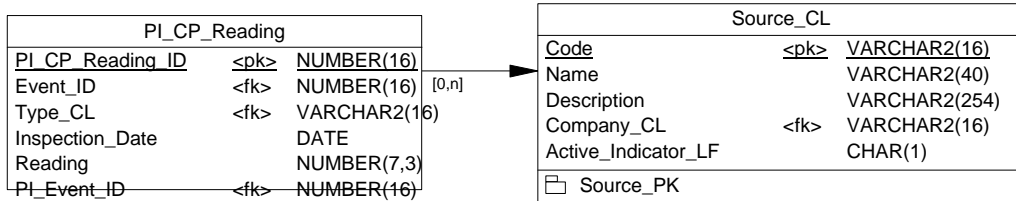


## CP Reading Submodel

### Table List

Name	Code	Label	Num
PI_CP_Reading Source	PI_CP_Reading Source_CL	Inspection Event Source	

### Submodel Graph

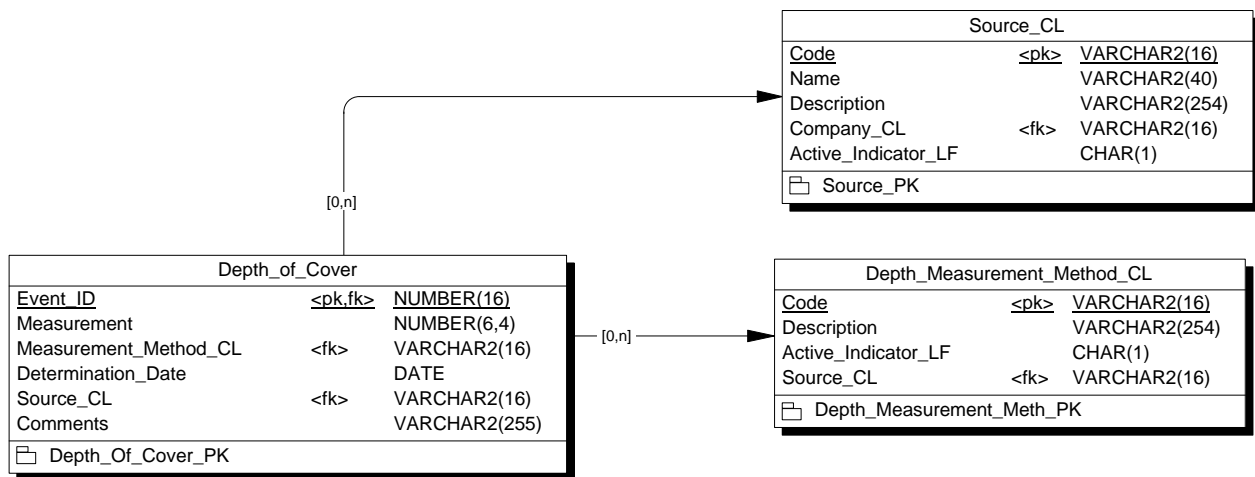


## Depth of Cover Submodel

### Table List

Name	Code	Label	Num
Depth Measurement Method	Depth_Measurement_Method_C L	Code List	
Depth of Cover Source	Depth_of_Cover Source_CL	Operating Event Source	

### Submodel Graph

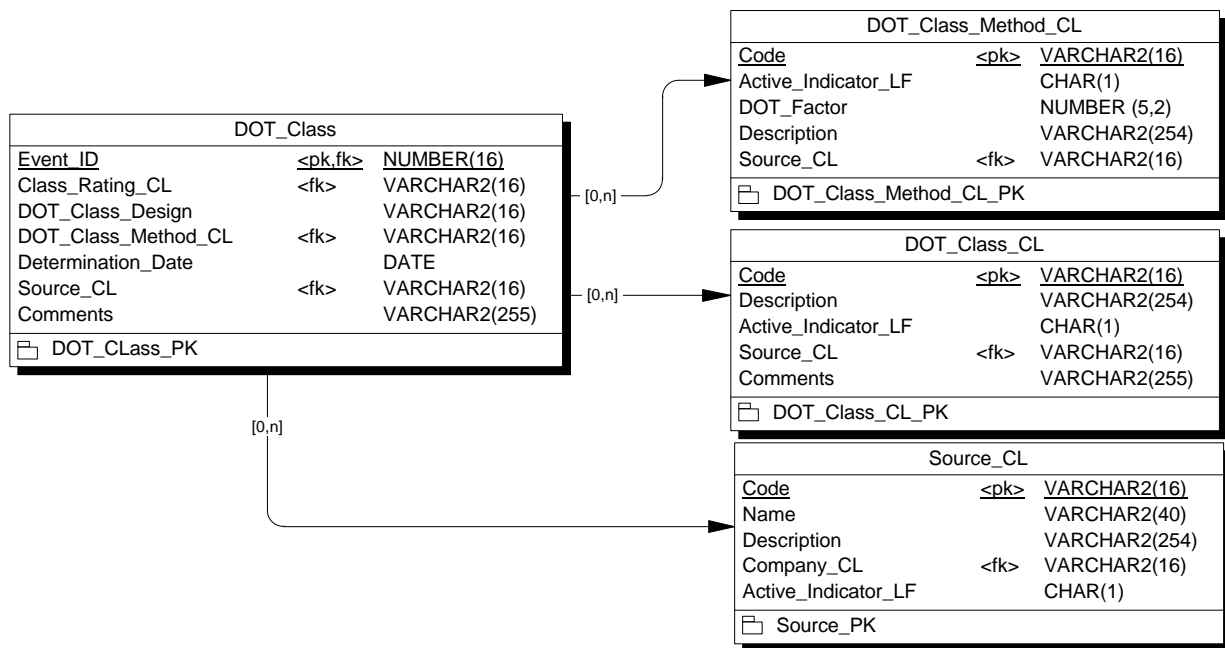


## DOT Class Submodel

### Table List

Name	Code	Label	Num
DOT Class	DOT_Class	Compliance Event	
DOT Class CL	DOT_Class_CL	Code List	
DOT Class Method	DOT_Class_Method_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

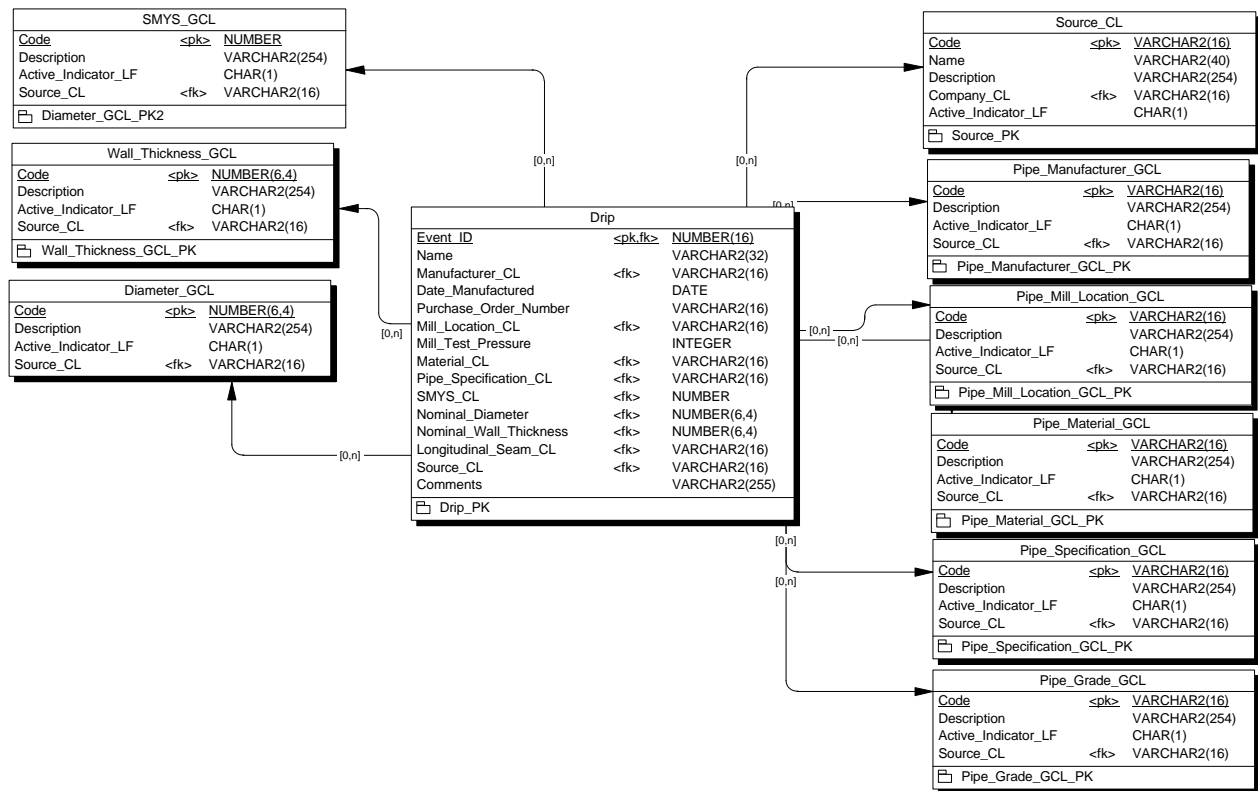


## Drip Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Drip	Drip	Facility Event	
Pipe Manufacturer	Pipe_Manufacturer_GCL	Global Code List	
Pipe Material	Pipe_Material_GCL	Global Code List	
Pipe Mill Location	Pipe_Mill_Location_GCL	Global Code List	
Pipe Specification	Pipe_Specification_GCL	Global Code List	
Pipe_Grade_GCL	Pipe_Grade_GCL	Global Code List	
SMYS_GCL	SMYS_GCL		
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

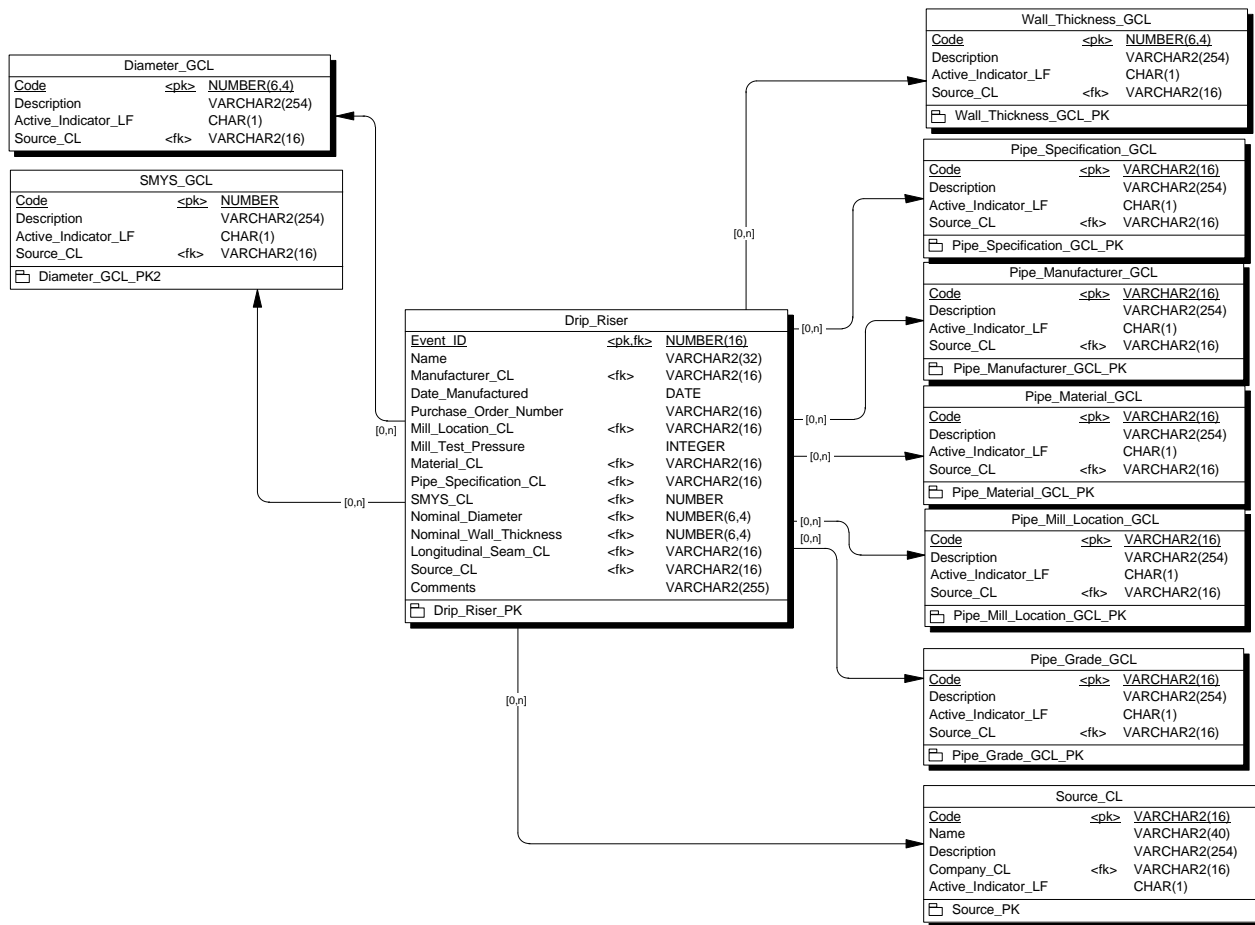


## Drip Riser Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Drip Riser	Drip_Riser	Facility Event	
Pipe Manufacturer	Pipe_Manufacturer_GCL	Global Code List	
Pipe Material	Pipe_Material_GCL	Global Code List	
Pipe Mill Location	Pipe_Mill_Location_GCL	Global Code List	
Pipe Specification	Pipe_Specification_GCL	Global Code List	
Pipe_Grade_GCL	Pipe_Grade_GCL	Global Code List	
SMYS_GCL	SMYS_GCL		
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

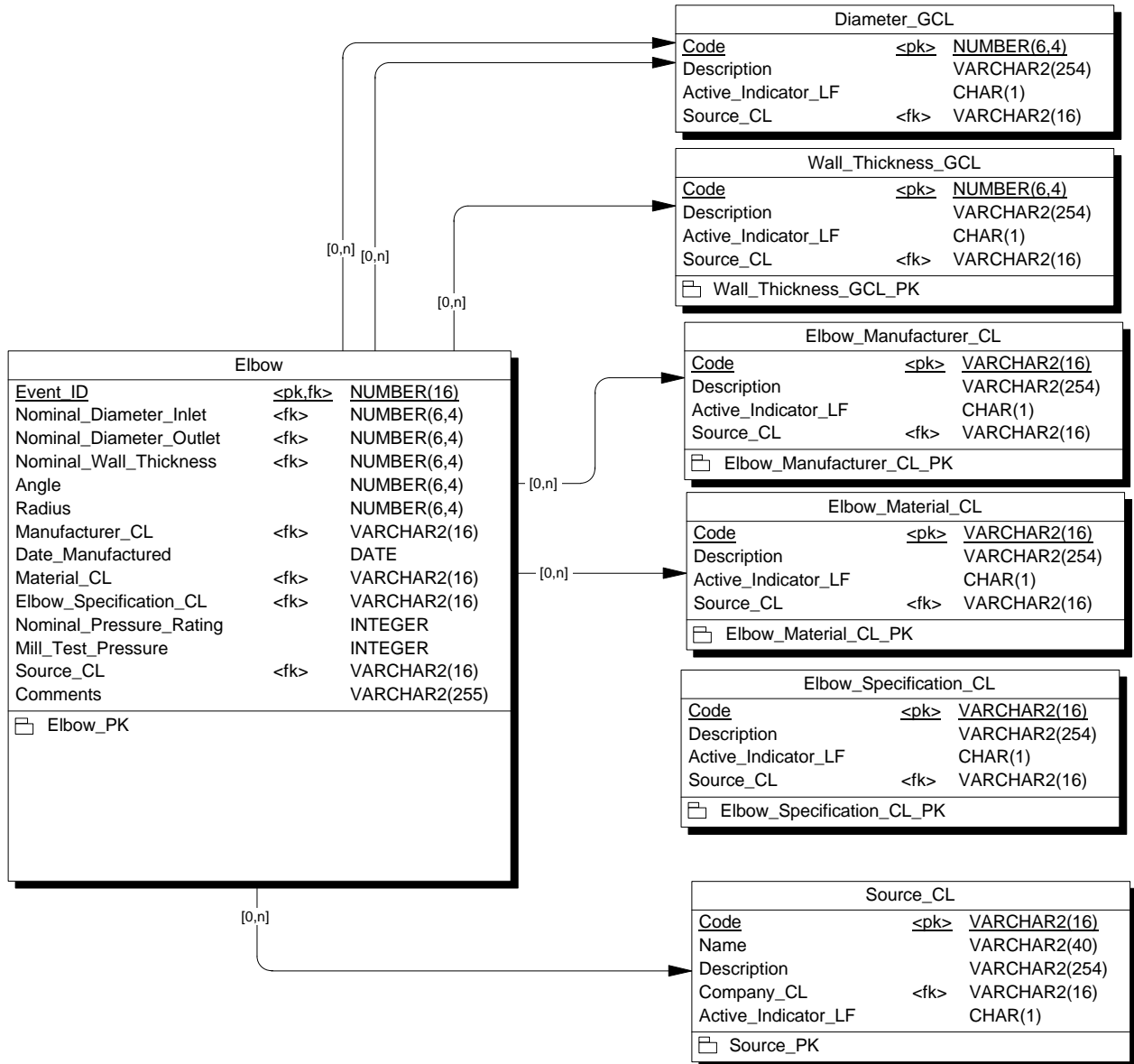


## Elbow Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Elbow	Elbow	Facility Event	
Elbow Manufacturer	Elbow_Manufacturer_CL	Code List	
Elbow Material	Elbow_Material_CL	Code List	
Elbow_Specification_CL	Elbow_Specification_CL	Code List	
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

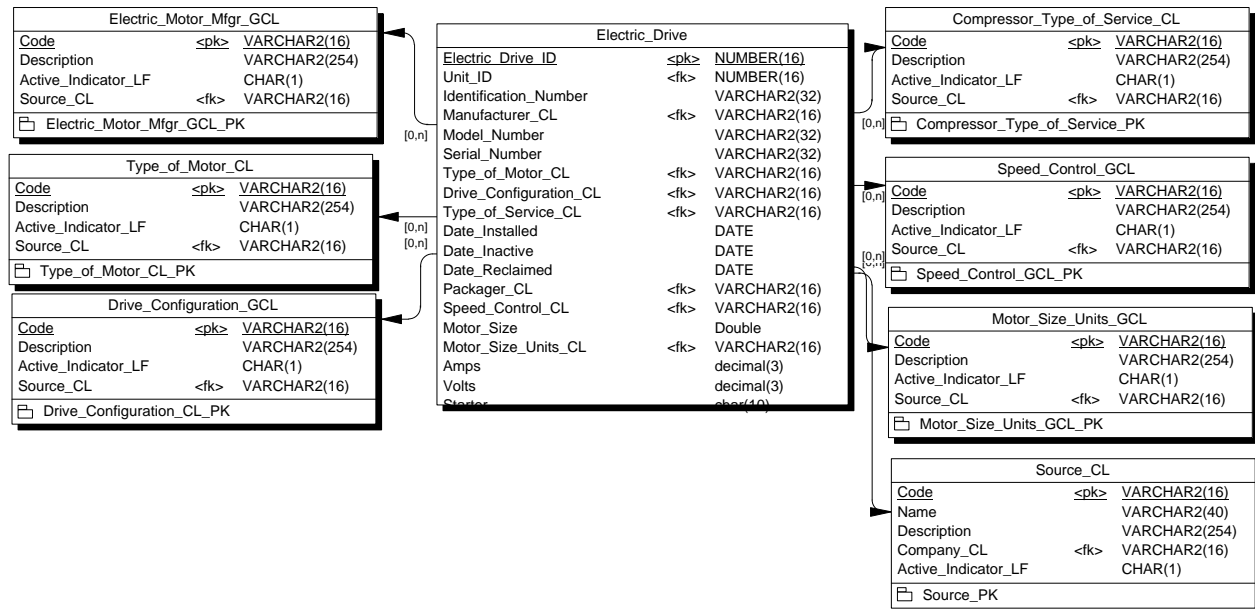


## Electric Motor Submodel

### Table List

Name	Code	Label	Num
Compressor Type of Service	Compressor_Type_of_Service_CL	Code List	
Drive Configuration	Drive_Configuration_GCL	Code List	
Electric Drive	Electric_Drive	Facility Event	
Electric Motor Mfgr	Electric_Motor_Mfgr_GCL	Code List	
Motor Size Units	Motor_Size_Units_GCL	Code List	
Source	Source_CL	Source	
Speed Control	Speed_Control_GCL	Code List	
Type of Motor	Type_of_Motor_CL	Code List	

### Submodel Graph

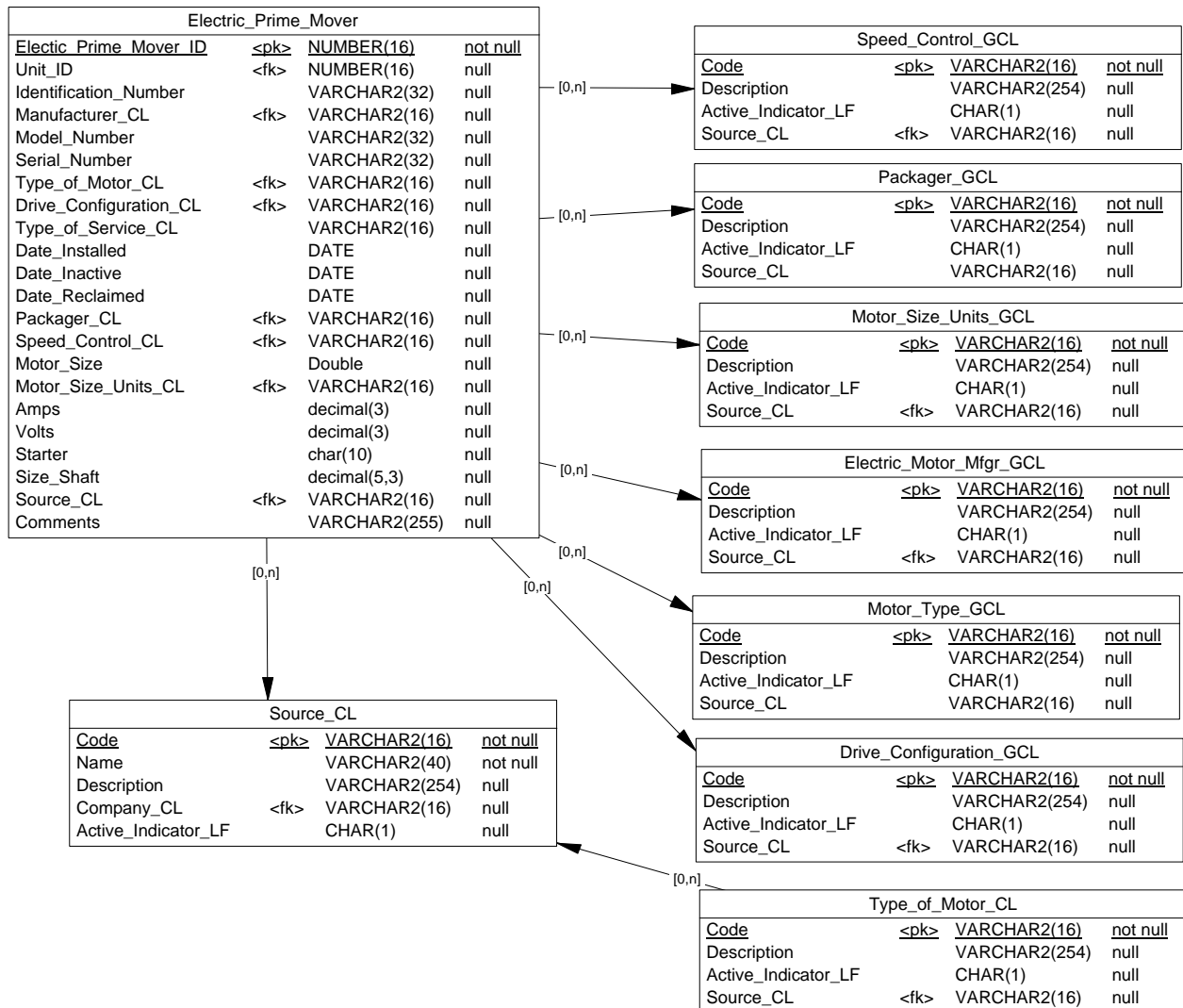


## Electric Prime Mover Submodel

### Table List

Name	Code	Label	Num
Drive Configuration	Drive_Configuration_GCL	Code List	
Electric Motor Mfgr	Electric_Motor_Mfgr_GCL	Code List	
Electric Prime_Mover	Electric_Prime_Mover	Facility Event	
Motor Size Units	Motor_Size_Units_GCL	Code List	
Motor_Type_GCL	Motor_Type_GCL	Code List	
Packager_GCL	Packager_GCL	Code List	
Source	Source_CL	Source	
Speed Control	Speed_Control_GCL	Code List	
Type of Motor	Type_of_Motor_CL	Code List	

### Submodel Graph

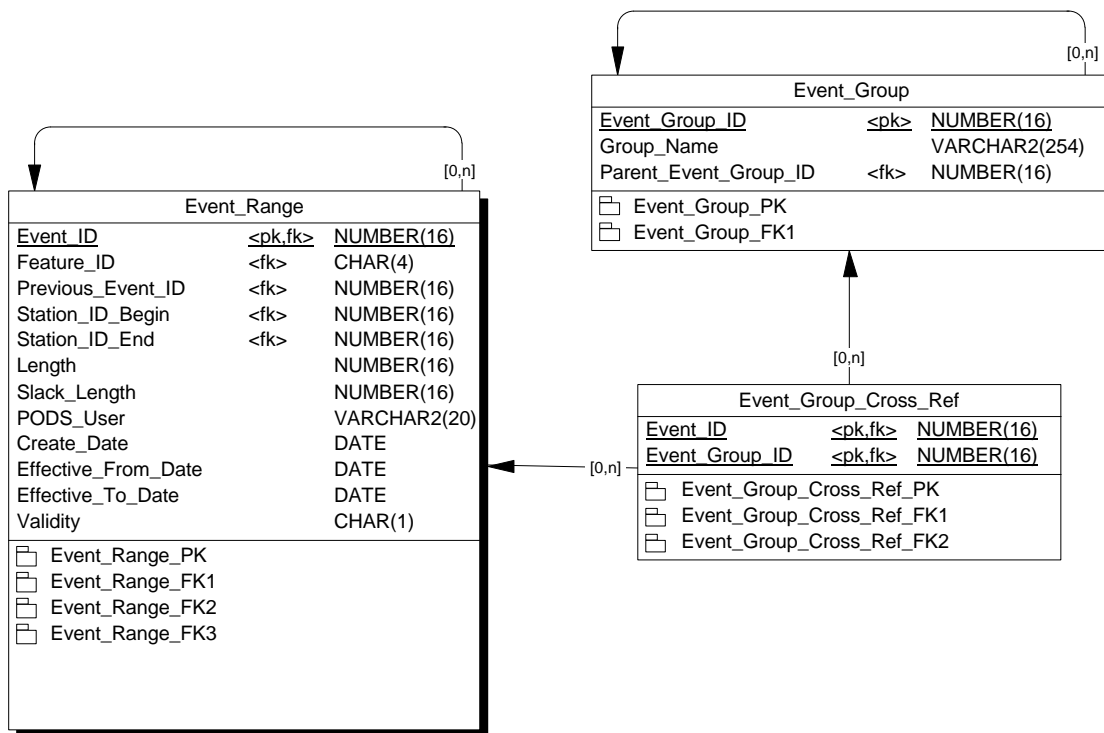


## Event Group Submodel

### Table List

Name	Code	Label	Num
Event Group	Event_Group	Group	
Event_Group_Cross_Ref	Event_Group_Cross_Ref	Group	
Event_Range	Event_Range	Core	

### Submodel Graph



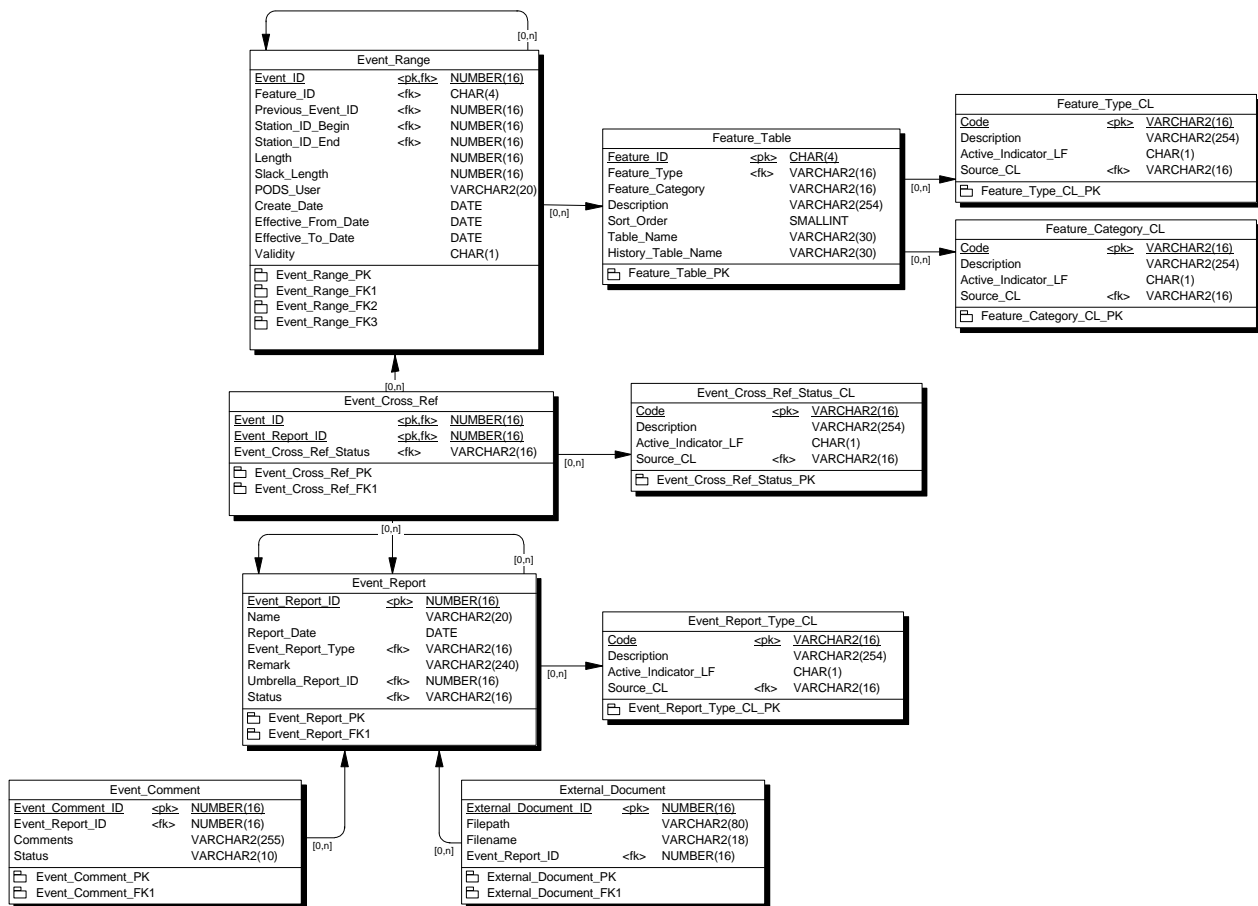


## Event\_Range Submodel

### Table List

Name	Code	Label	Num
Event Comment	Event_Comment	Core	
Event Cross Ref	Event_Cross_Ref	Core	
Event Cross Ref Status	Event_Cross_Ref_Status_CL	Code List	
Event Report	Event_Report	Core	
Event Report Type	Event_Report_Type_CL	Code List	
Event_Range	Event_Range	Core	
External Document	External_Document	Core	
Feature Category	Feature_Category_CL	Code List	
Feature Type	Feature_Type_CL	Code List	
Feature_Table	Feature_Table	Core	

### Submodel Graph

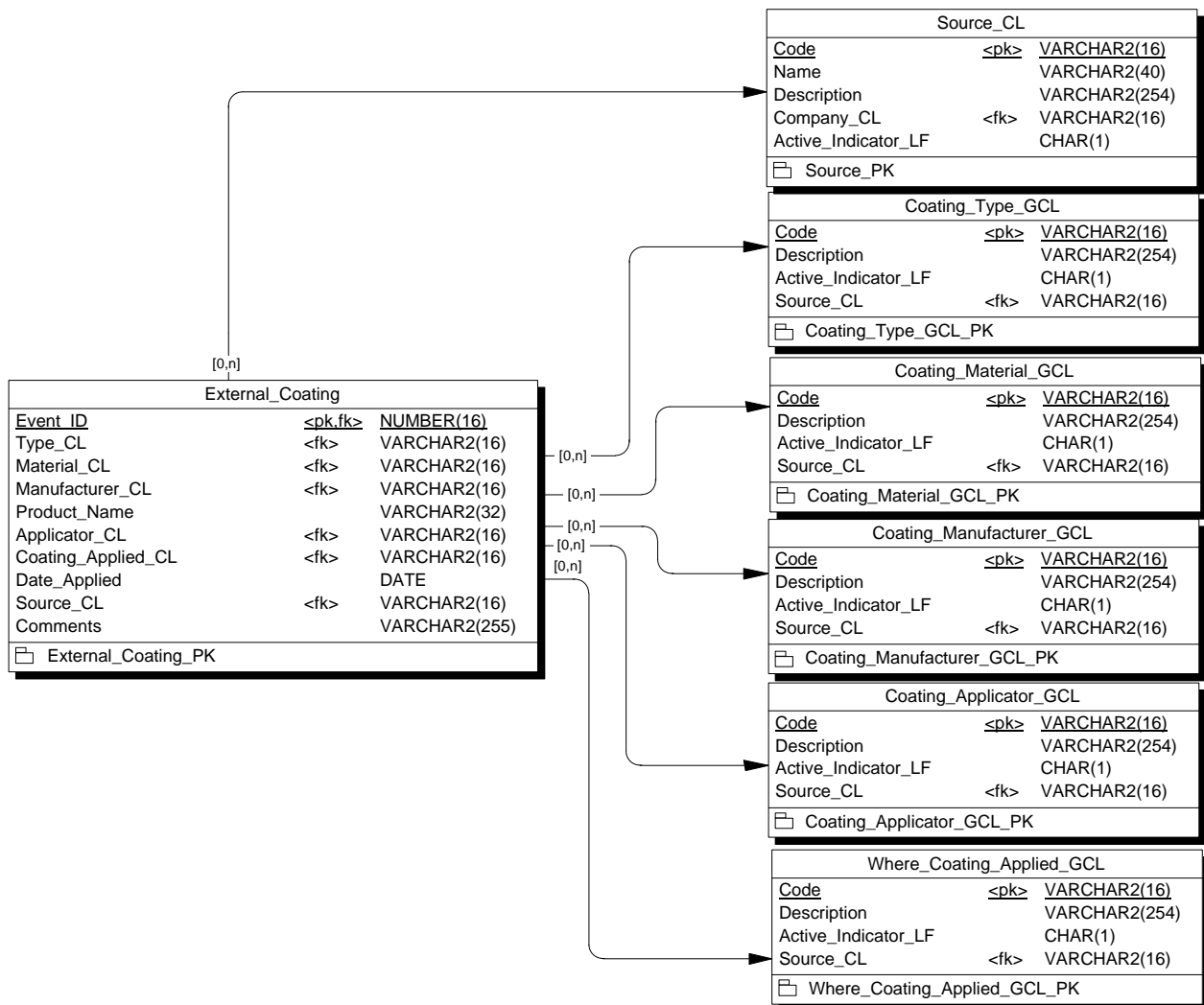


## External Coating Submodel

### Table List

Name	Code	Label	Num
Coating Applicator	Coating_Applicator_GCL	Global Code List	
Coating Manufacturer	Coating_Manufacturer_GCL	Global Code List	
Coating Material	Coating_Material_GCL	Global Code List	
Coating Type	Coating_Type_GCL	Global Code List	
External Coating	External_Coating	Facility Event	
Source	Source_CL	Source	
Where Coating Applied	Where_Coating_Applied_GCL	Global Code List	

### Submodel Graph

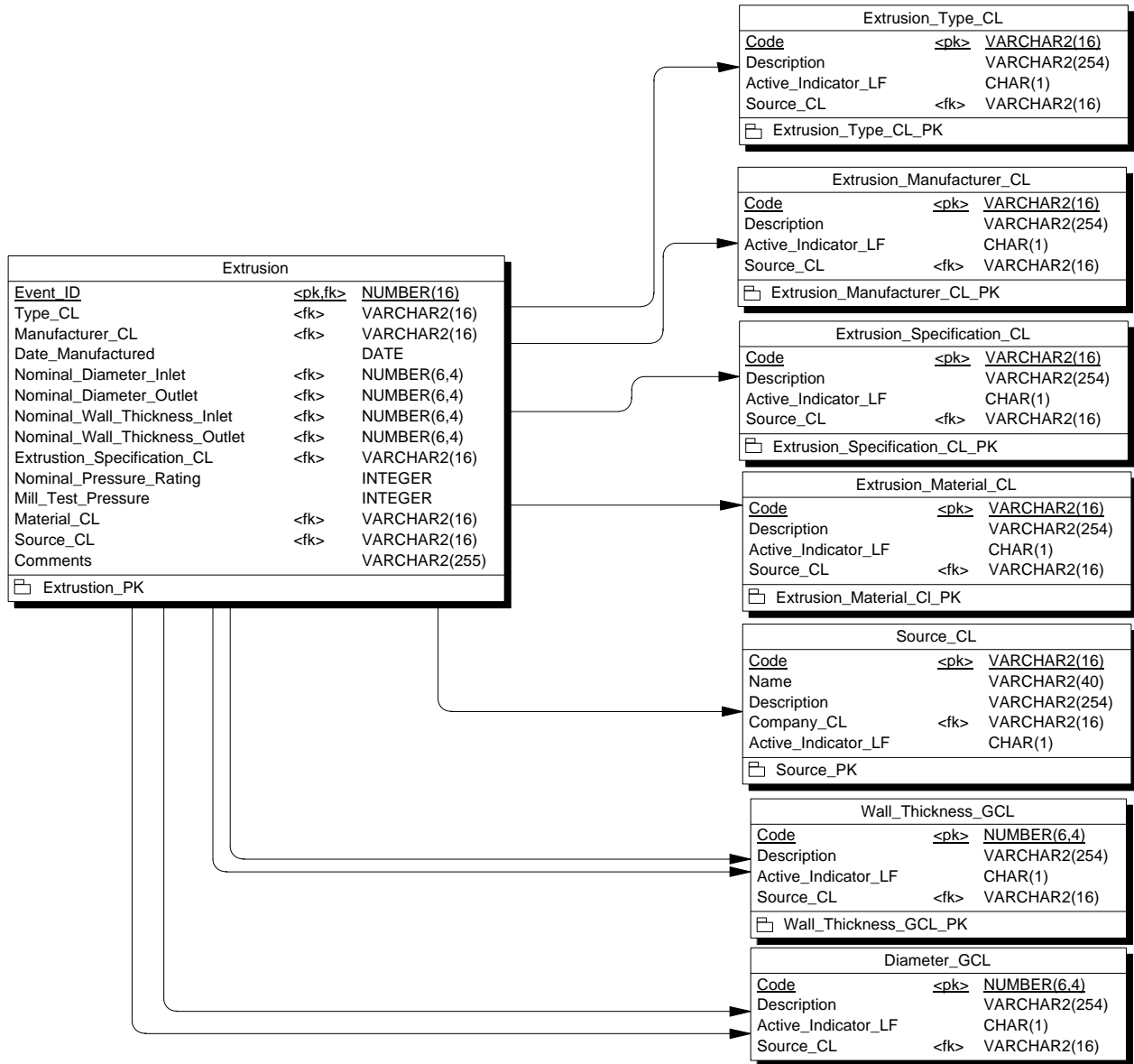


## Extrusion Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Extrusion	Extrusion	Facility Event	
Extrusion Material	Extrusion_Material_CL	Code List	
Extrusion Specification	Extrusion_Specification_CL	Code List	
Extrusion Type	Extrusion_Type_CL	Code List	
Extrusion Manufacturer	Extrusion_Manufacturer_CL	Code List	
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

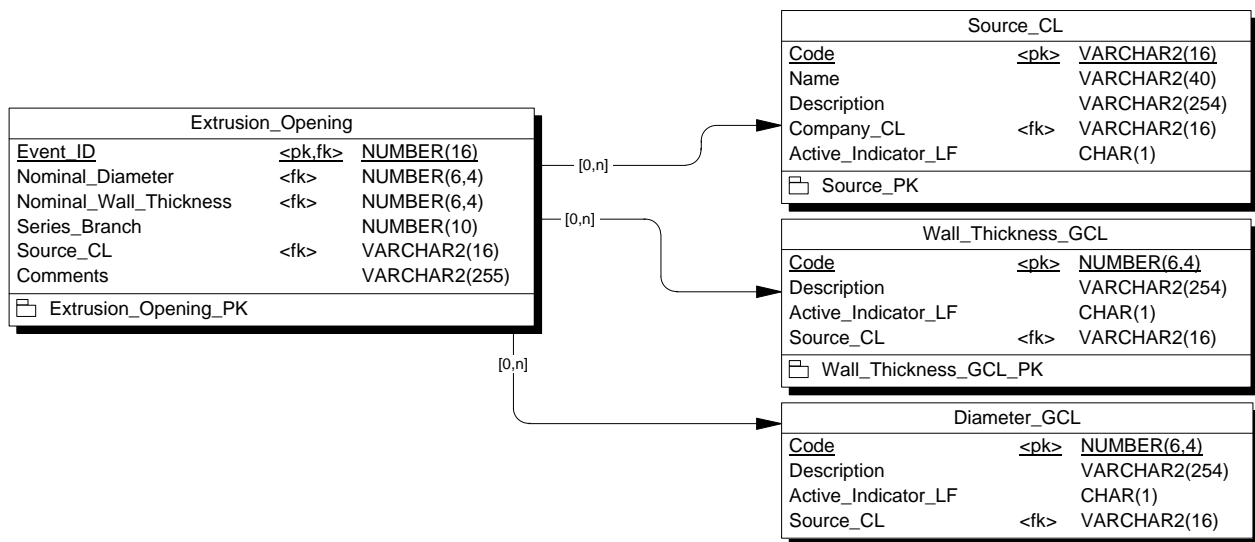


## Extrusion Opening Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL	Facility Event Source	
Extrusion Opening	Extrusion_Opening		
Source	Source_CL		
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

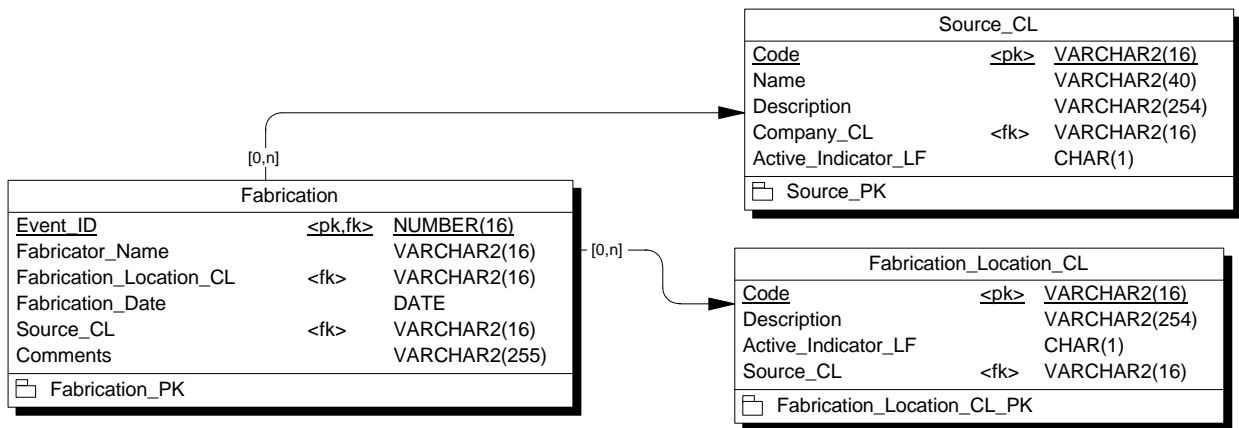


## Fabrication Submodel

### Table List

Name	Code	Label	Num
Fabrication	Fabrication	Facility Event	
Fabrication Location	Fabrication_Location_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

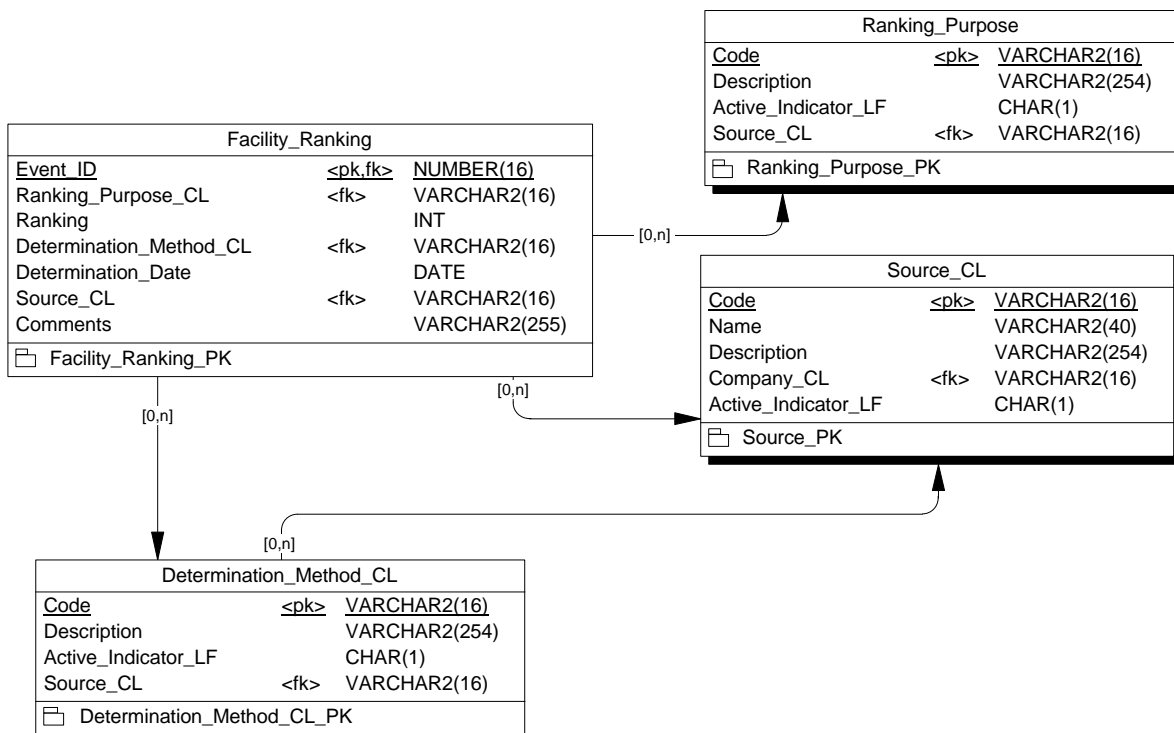


## Facility Ranking Submodel

### Table List

Name	Code	Label	Num
Determination Method	Determination_Method_CL	Code List	
Facility Ranking	Facility_Ranking	Risk Assessment Event	
Ranking Purpose	Ranking_Purpose	Code List	
Source	Source_CL	Source	

### Submodel Graph

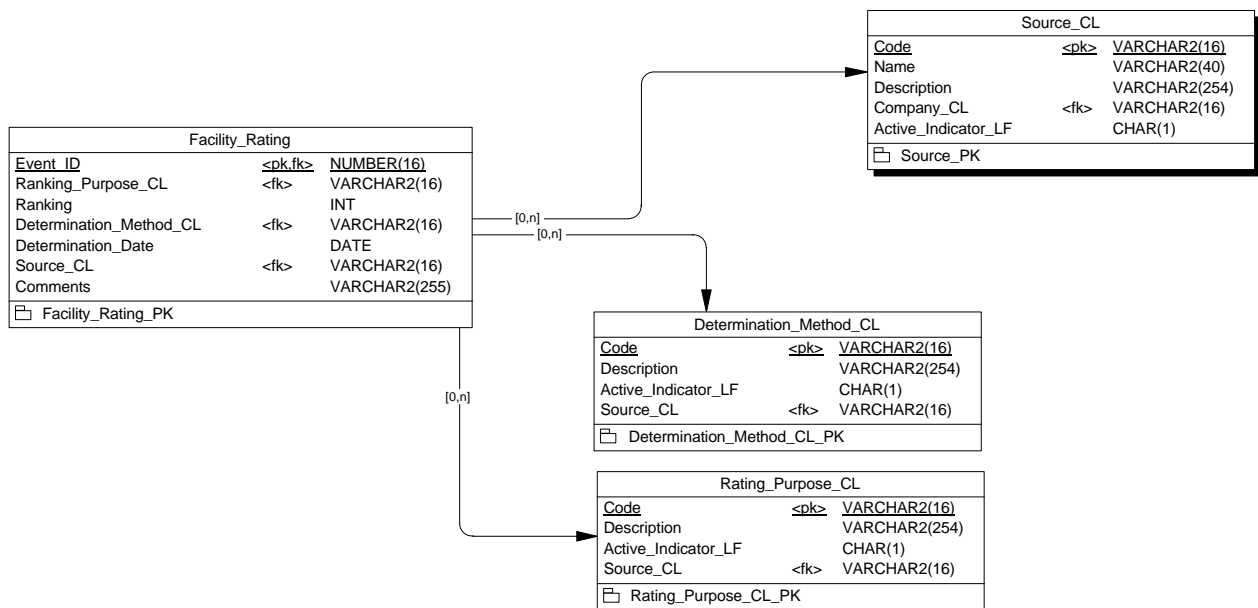


## Facility Rating Submodel

### Table List

Name	Code	Label	Num
Determination Method	Determination_Method_CL	Code List	
Facility Rating	Facility_Rating	Assessment	
Rating Purpose	Rating_Purpose_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

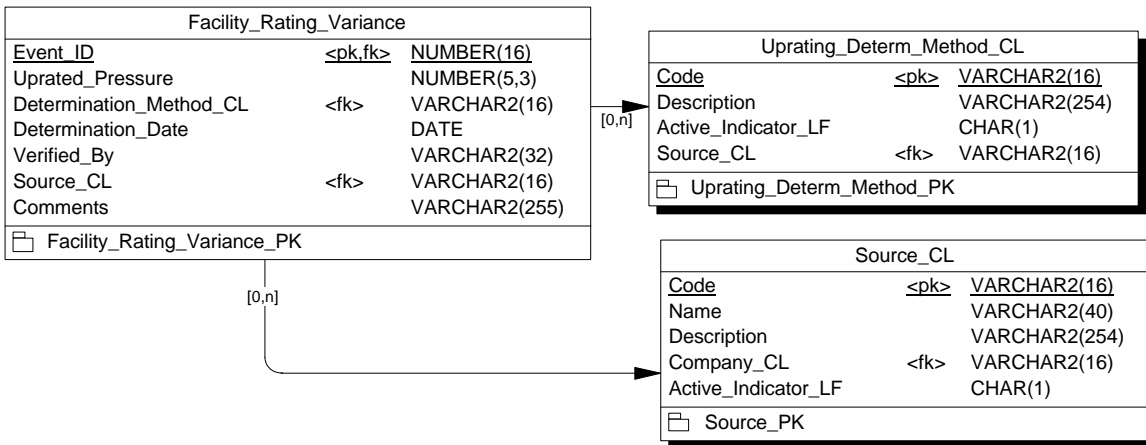


## Facility Rating Variance Submodel

### Table List

Name	Code	Label	Num
Facility Rating Variance	Facility_Rating_Variance	Compliance Event	
Source	Source_CL	Source	
Uprating Determ Method	Uprating_Determ_Method_CL	Code List	

### Submodel Graph

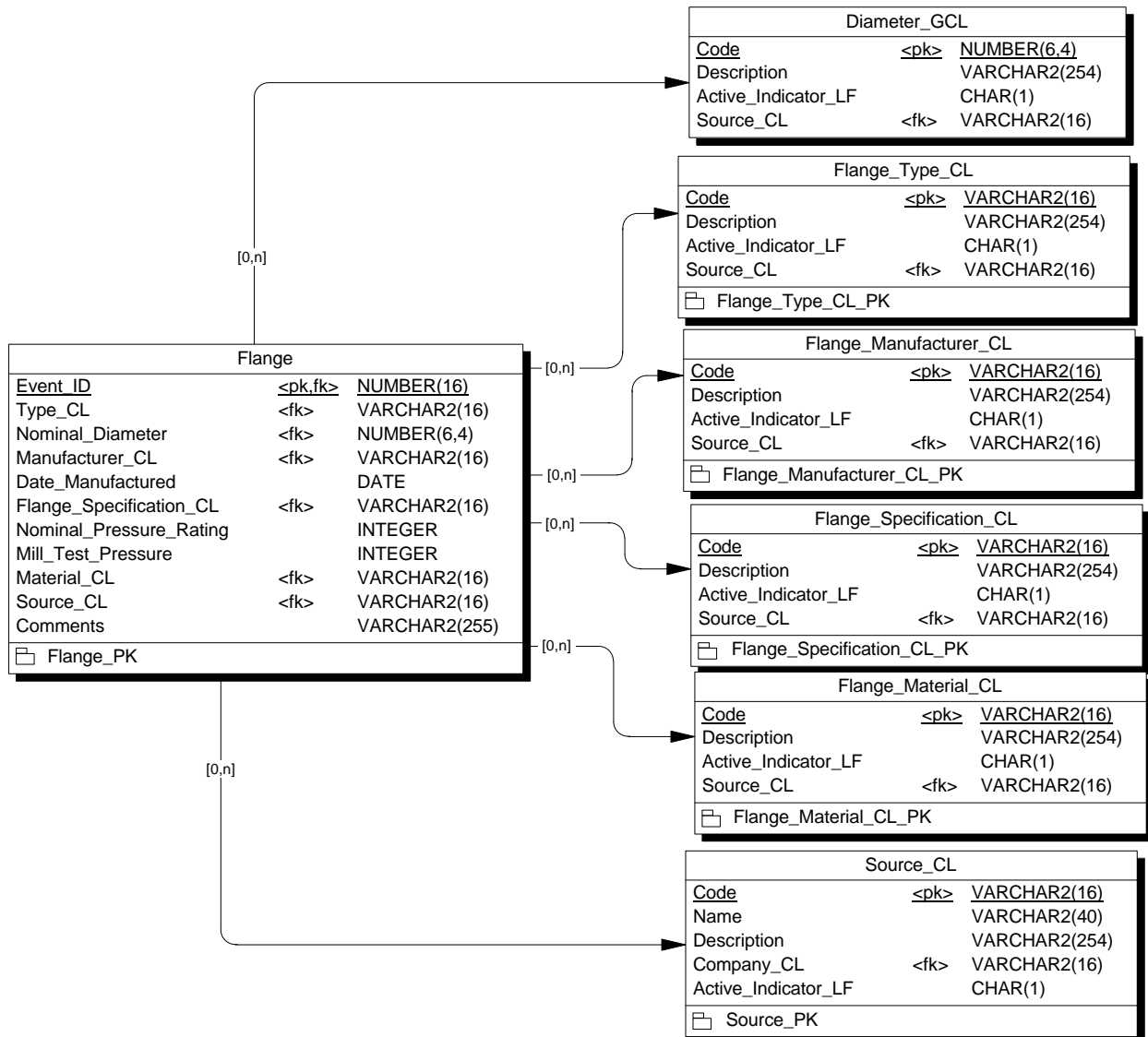


## Flange Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL	Facility Event Code List Code List Code List Code List Code List Source	
Flange	Flange		
Flange Manufacturer	Flange_Manufacturer_CL		
Flange Material	Flange_Material_CL		
Flange Specification	Flange_Specification_CL		
Flange Type	Flange_Type_CL		
Source	Source_CL		

### Submodel Graph

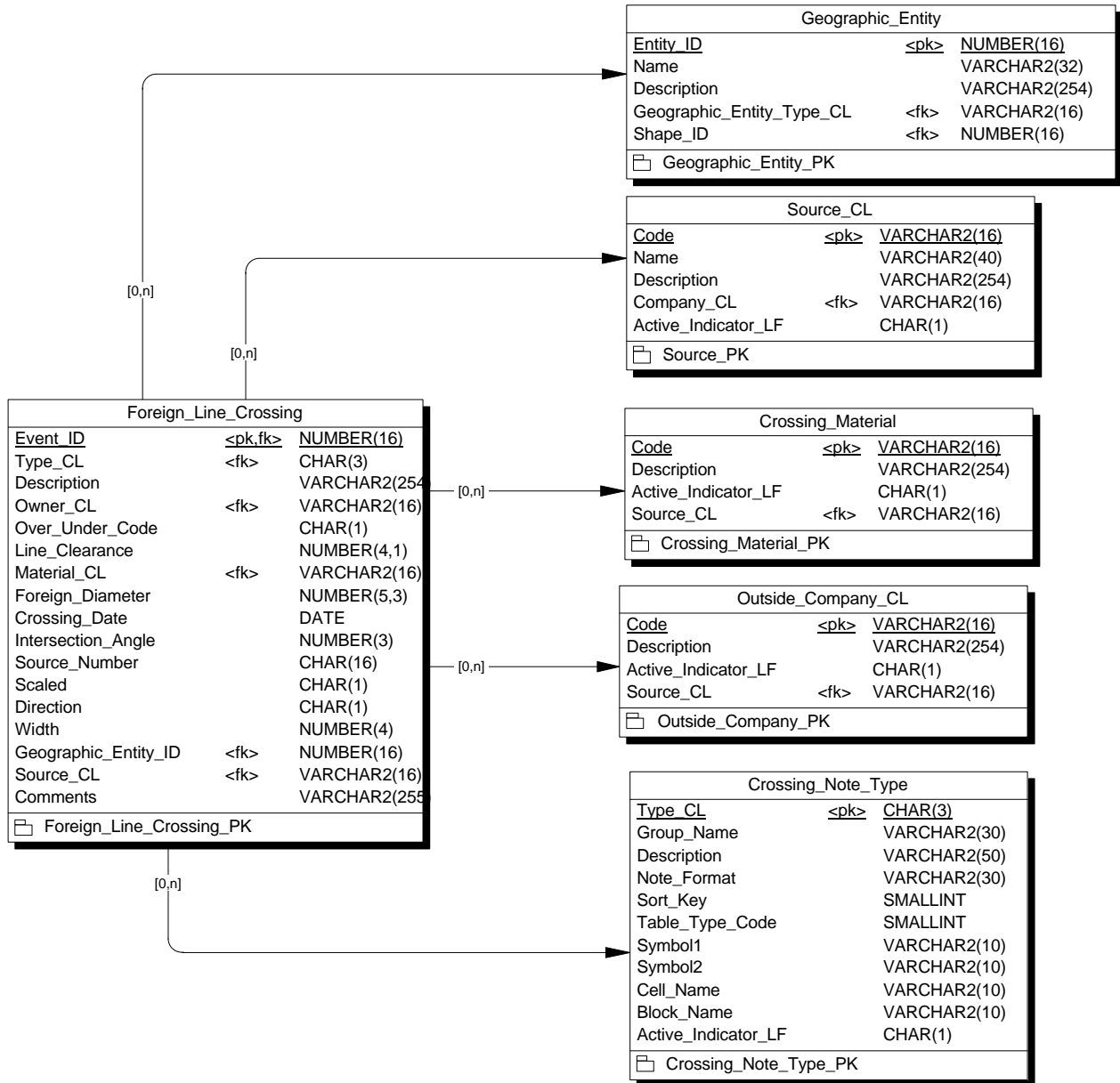


## Foreign Line Crossing Submodel

### Table List

Name	Code	Label	Num
Crossing Material	Crossing_Material	Code List	
Crossing_Note_Type	Crossing_Note_Type		
Foreign Line Crossing	Foreign_Line_Crossing	Geographic Event	
Geographic Entity	Geographic_Entity	Geographic Event	
Outside_Company	Outside_Company_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

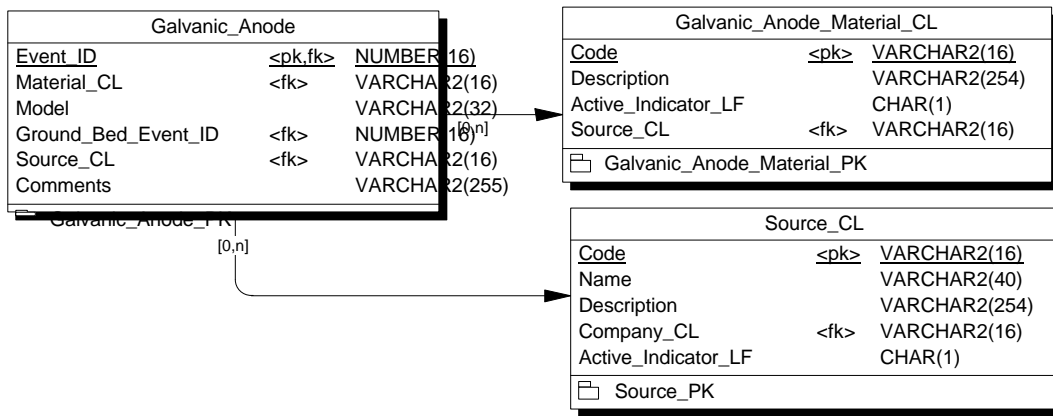


## Galvanic Anode Submodel

### Table List

Name	Code	Label	Num
Galvanic Anode	Galvanic_Anode	Facility Event	
Galvanic Anode Material	Galvanic_Anode_Material_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

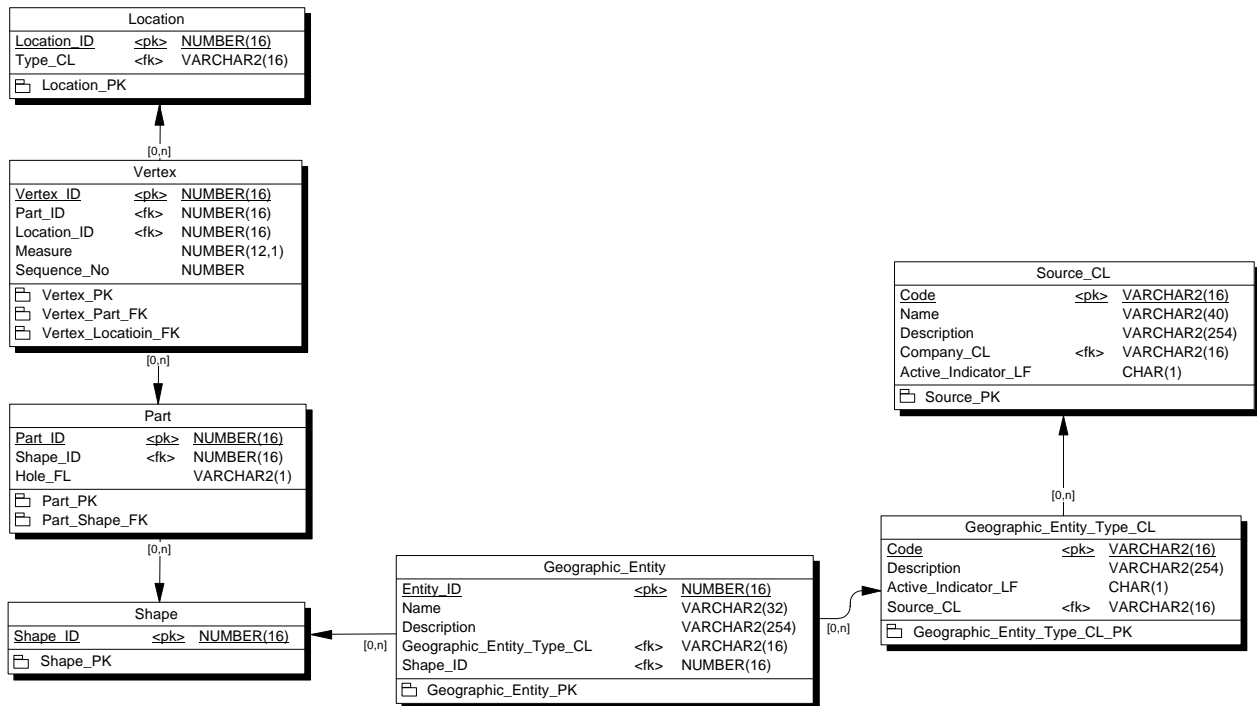


## Geographic Entity Submodel

### Table List

Name	Code	Label	Num
Geographic Entity	Geographic_Entity	Geographic Event	
Geographic Entity Type	Geographic_Entity_Type_CL	Code List	
Location	Location	Coordinate	
Part	Part	Coordinate	
Shape	Shape	Coordinate	
Source	Source_CL	Source	
Vertex	Vertex	Coordinate	

### Submodel Graph

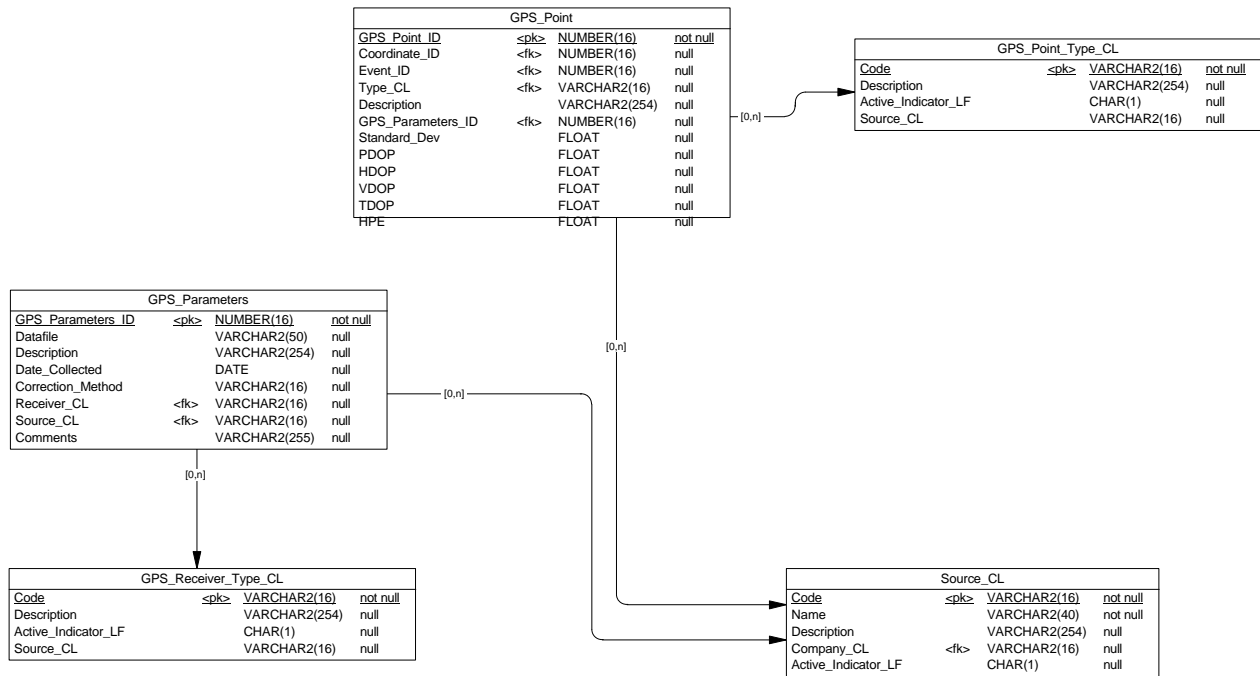


## GPS\_Point Submodel

### Table List

Name	Code	Label	Num
GPS Parameters	GPS_Parameters		
GPS_Point	GPS_Point	Coordinate	
GPS_Point_Type_CL	GPS_Point_Type_CL		
GPS_Receiver_Type_CL	GPS_Receiver_Type_CL		
Source	Source_CL	Source	

### Submodel Graph

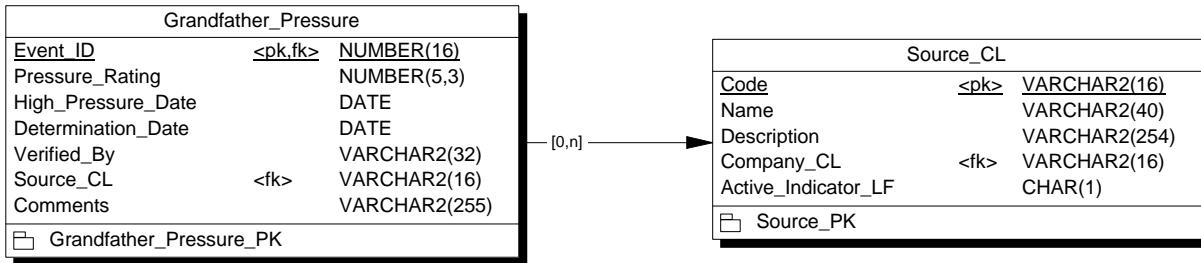


## Grandfather Pressure Submodel

### Table List

Name	Code	Label	Num
Grandfather Pressure Source	Grandfather_Pressure Source_CL	Compliance Event Source	

### Submodel Graph

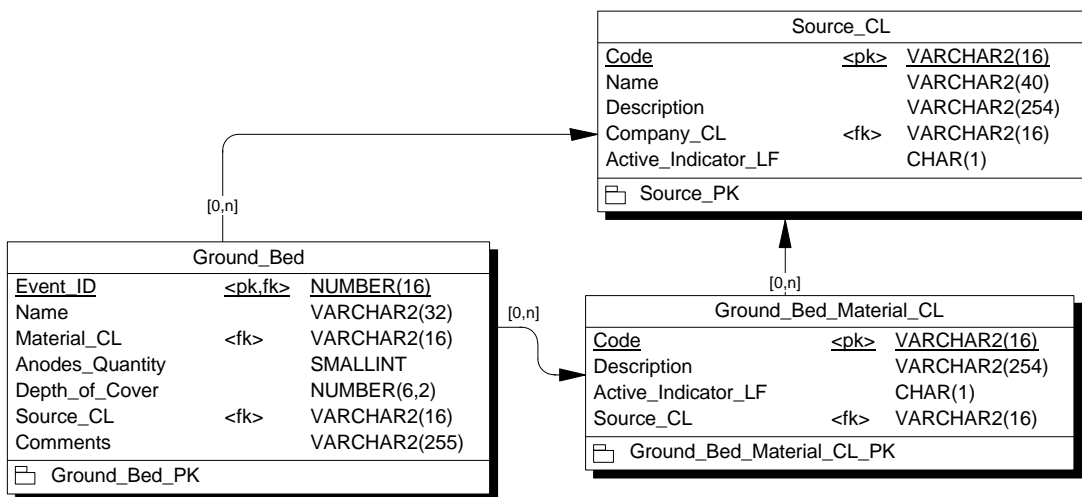


## Ground Bed Submodel

### Table List

Name	Code	Label	Num
Ground Bed	Ground_Bed	Facility Event	
Ground Bed Material	Ground_Bed_Material_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

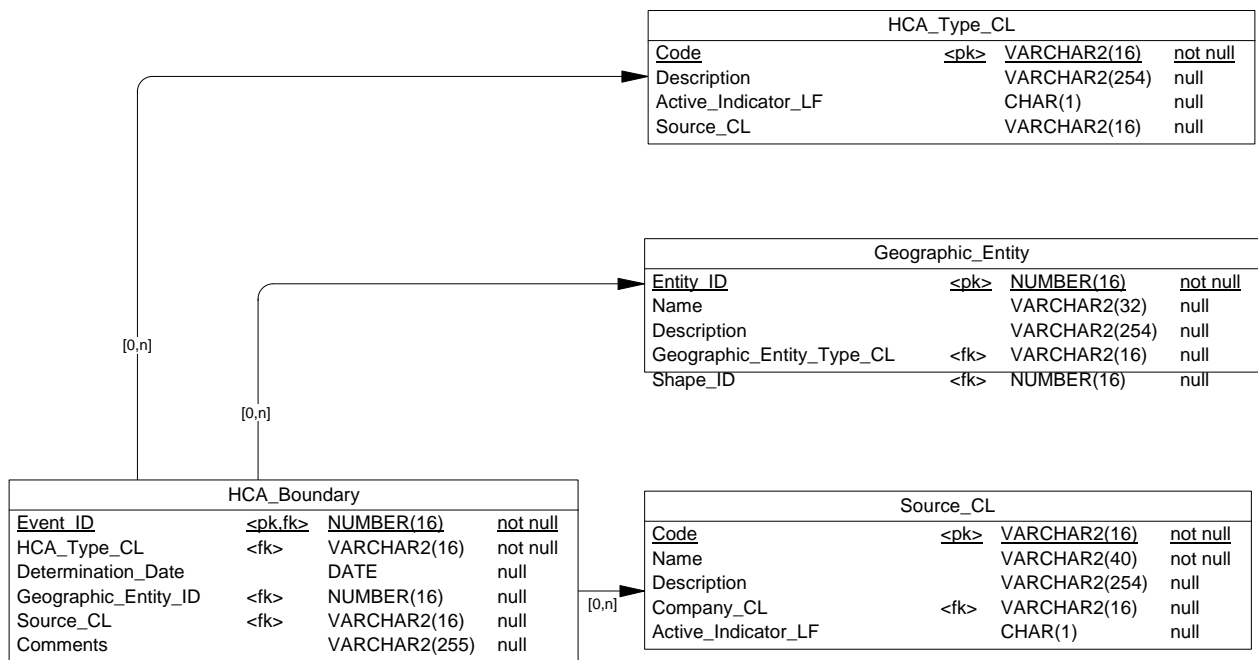


## HCA Boundary Submodel

### Table List

Name	Code	Label	Num
Geographic Entity	Geographic_Entity	Geographic Event	
HCA_Boundary	HCA_Boundary	Compliance Event	
HCA_Type_CL	HCA_Type_CL		
Source	Source_CL	Source	

### Submodel Graph

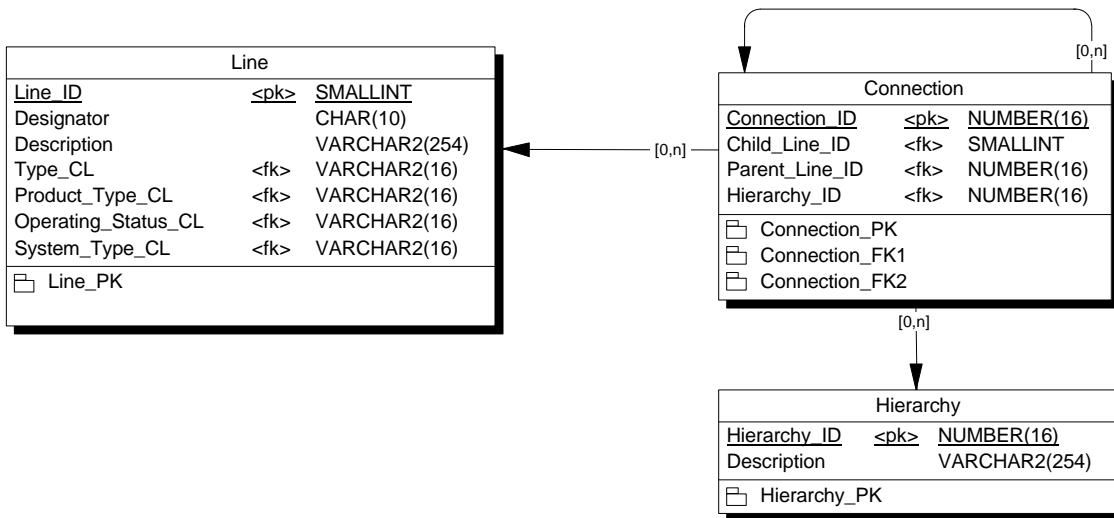


## Hierarchy Submodel

### Table List

Name	Code	Label	Num
Connection	Connection	Hierarchy	
Hierarchy	Hierarchy	Hierarchy	
Line	Line	Stationing	

### Submodel Graph

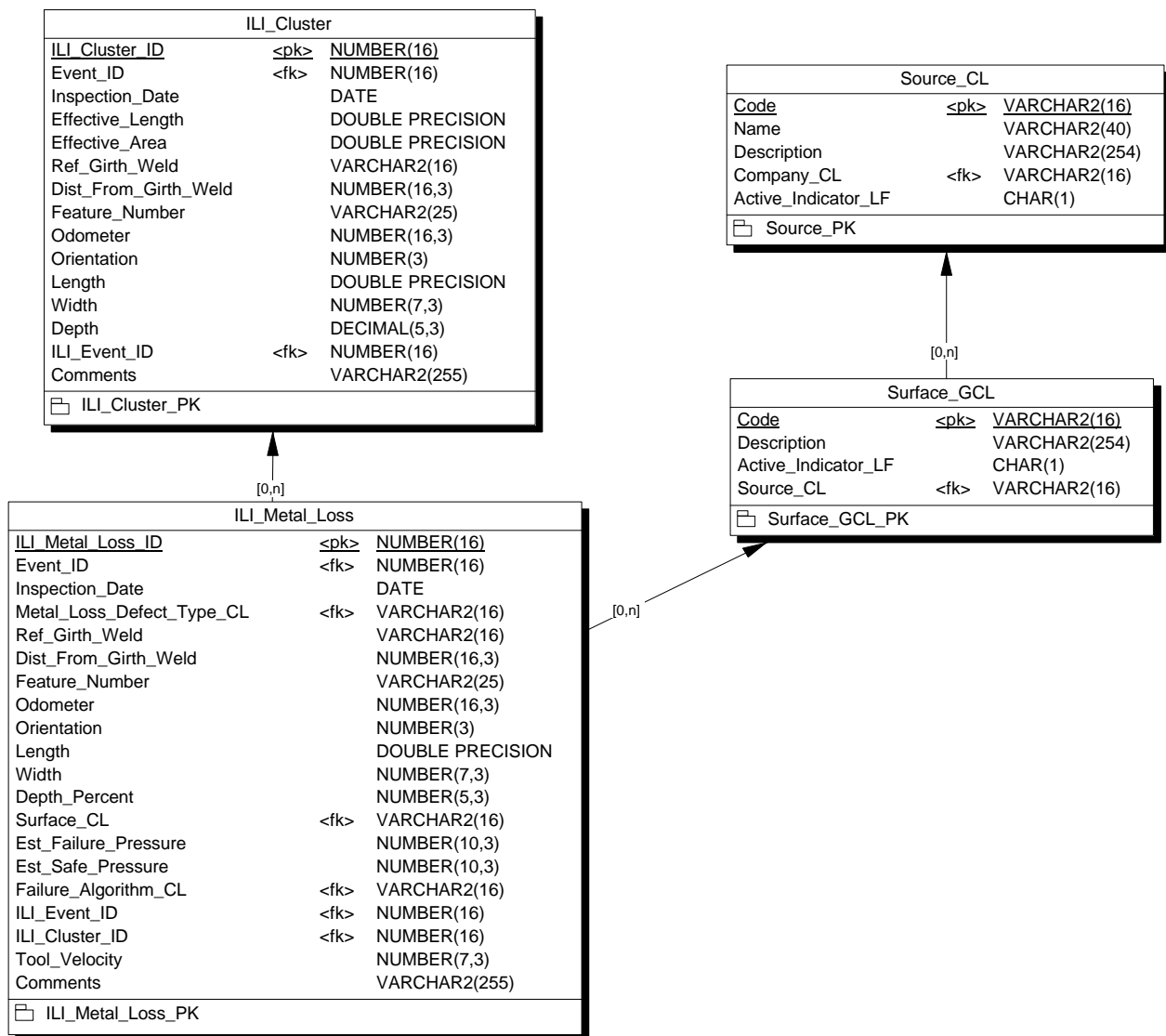


## ILI Cluster Submodel

### Table List

Name	Code	Label	Num
ILI Cluster	ILI_Cluster	Inspection Event	
ILI Metal Loss	ILI_Metal_Loss	Inspection Event	
Source	Source_CL	Source	
Surface	Surface_GCL	Global Code List	

### Submodel Graph

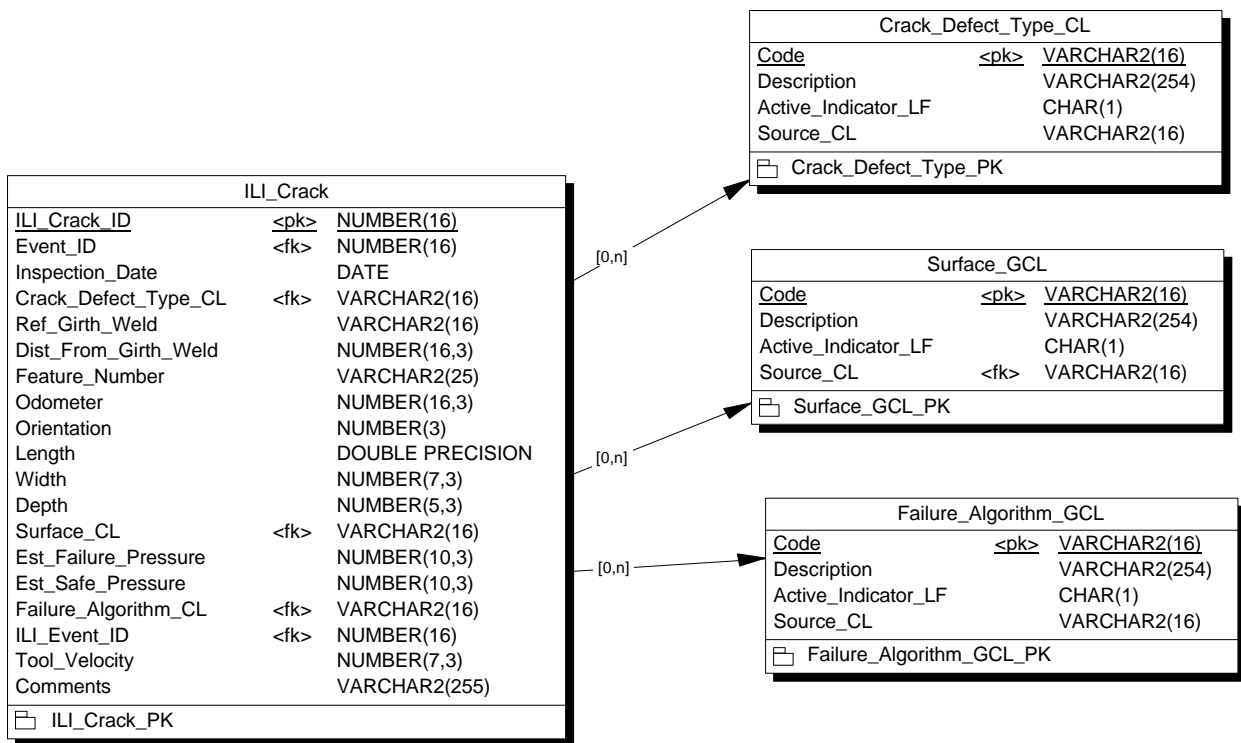


## ILI Crack Submodel

### Table List

Name	Code	Label	Num
Crack_Defect_Type_CL	Crack_Defect_Type_CL	Global Code List	
Failure_Algorithm_GCL	Failure_Algorithm_GCL	Global Code List	
ILI Crack	ILI_Crack	Inspection Event	
Surface	Surface_GCL	Global Code List	

### Submodel Graph



## ILI Joint Submodel

### Table List

Name	Code	Label	Num
ILI Joint	ILI_Joint	Inspection Event	

### Submodel Graph

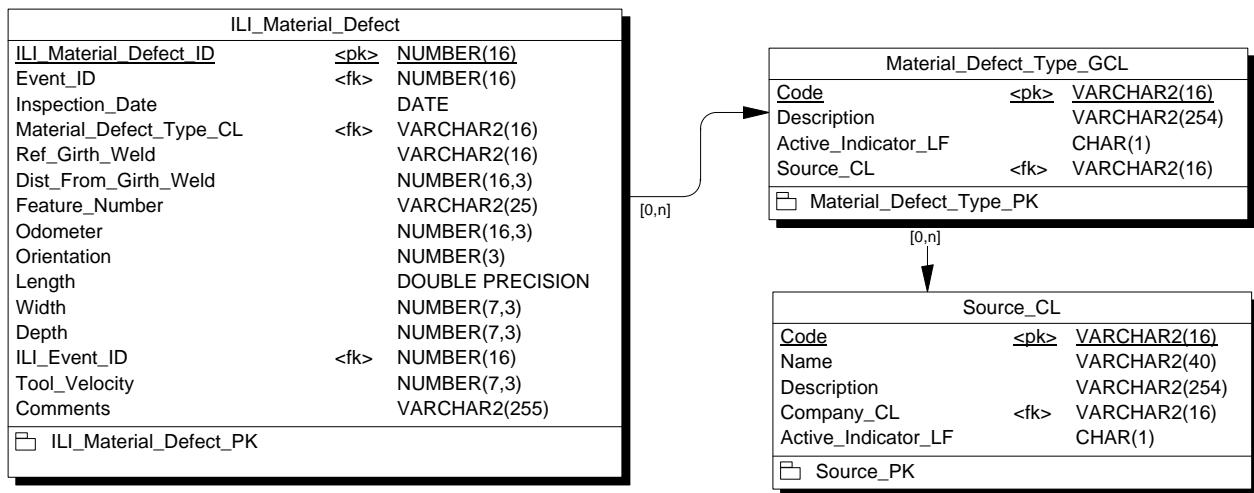
ILI_Joint			
<u>ILI_Joint_ID</u>	<pk>	<u>NUMBER(16)</u>	<u>not null</u>
Event_ID	<fk>	NUMBER(16)	null
Inspection_Date		DATE	null
Ref_Girth_Weld		VARCHAR2(16)	null
Length		DOUBLE PRECISION	null
ILI_Event_ID	<fk>	NUMBER(16)	null
Measured_Wall_Thickness		NUMBER(6,4)	null
Comments		VARCHAR2(255)	null

## ILI Material Defect Submodel

### Table List

Name	Code	Label	Num
ILI Material Defect	ILI_Material_Defect	Inspection Event	
Material Defect Type	Material_Defect_Type_GCL	Global Code List	
Source	Source_CL	Source	

### Submodel Graph

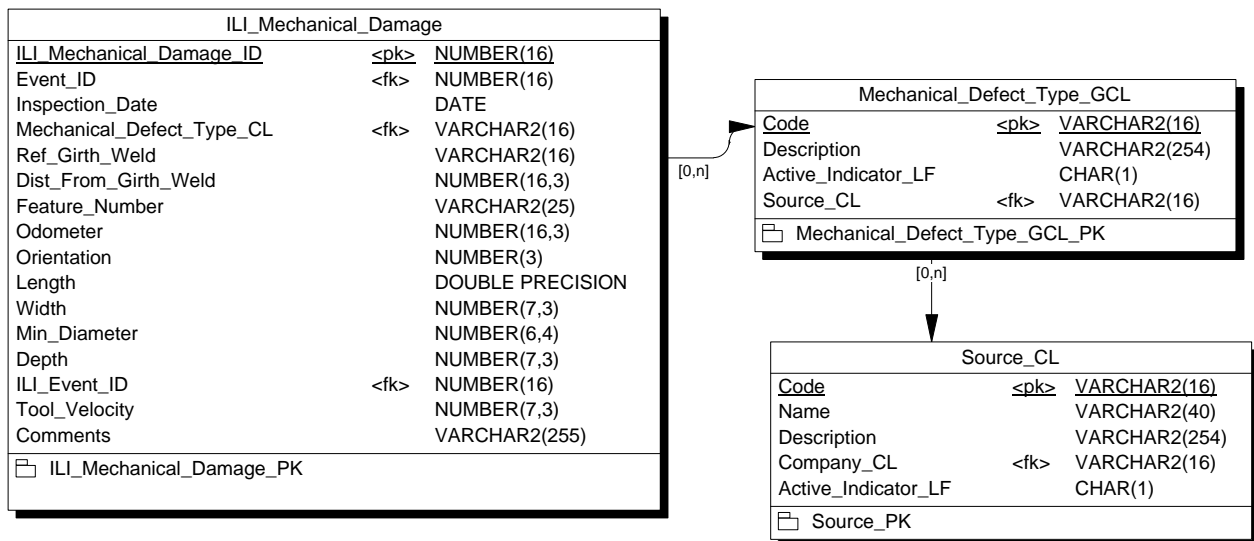


## ILI Mechanical Damage Submodel

### Table List

Name	Code	Label	Num
ILI Mechanical Damage	ILI_Mechanical_Damage	Inspection Event	
Mechanical Defect Type	Mechanical_Defect_Type_GCL	Code List	
Source	Source_CL	Source	

### Submodel Graph

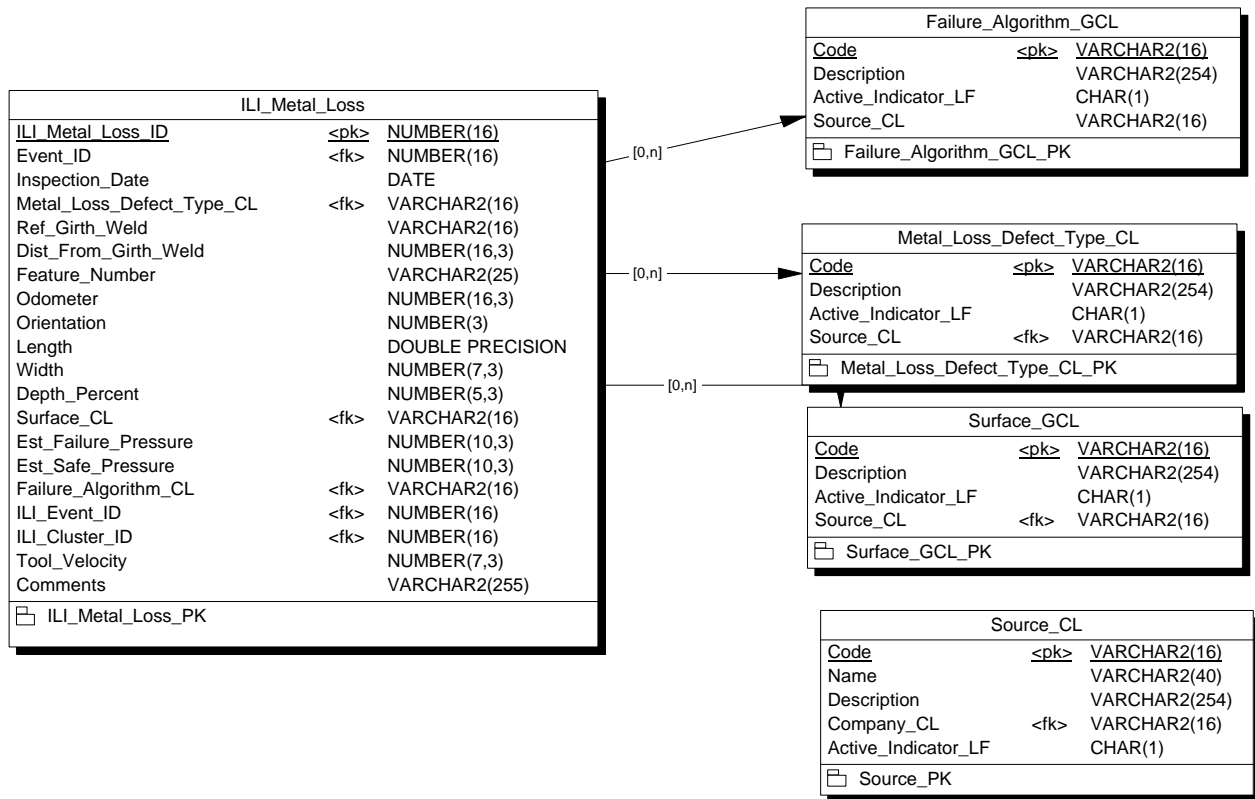


## ILI Metal Loss Submodel

### Table List

Name	Code	Label	Num
Failure_Algorithm_GCL	Failure_Algorithm_GCL	Global Code List	
ILI Metal Loss	ILI_Metal_Loss	Inspection Event	
Metal Loss Defect Type	Metal_Loss_Defect_Type_CL	Code List	
Source	Source_CL	Source	
Surface	Surface_GCL	Global Code List	

### Submodel Graph

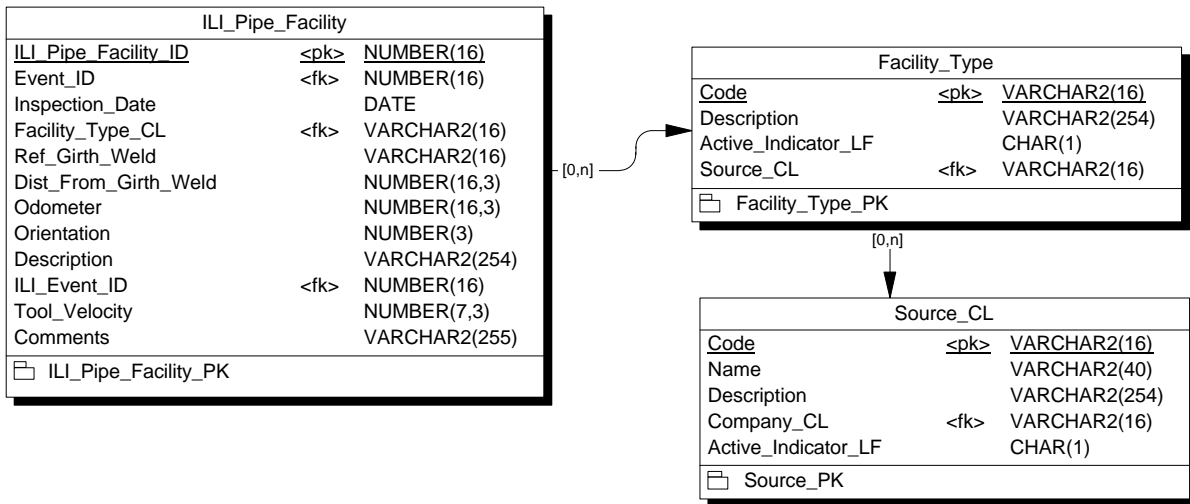


## ILI Pipe Facility Submodel

### Table List

Name	Code	Label	Num
Facility Type	Facility_Type	Code List	
ILI Pipe Facility	ILI_Pipe_Facility	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

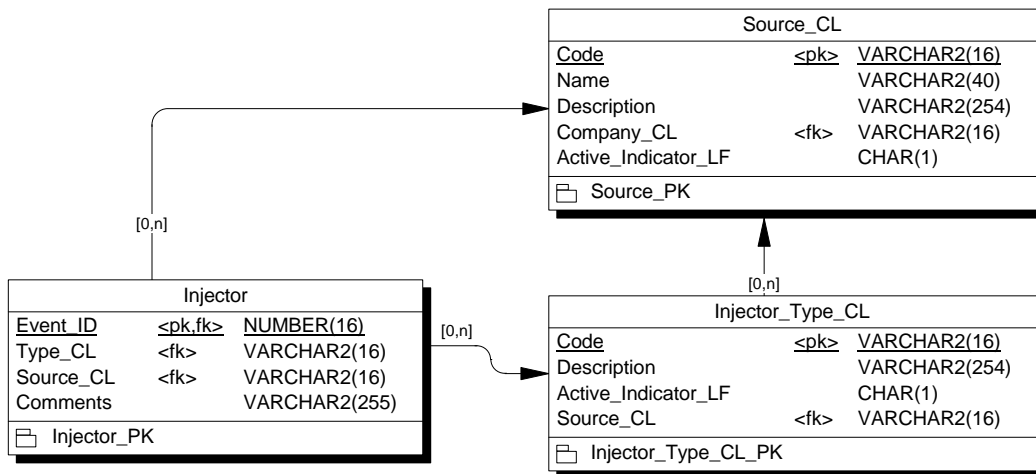


## Injector Submodel

### Table List

Name	Code	Label	Num
Injector	Injector	Facility Event	
Injector Type	Injector_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

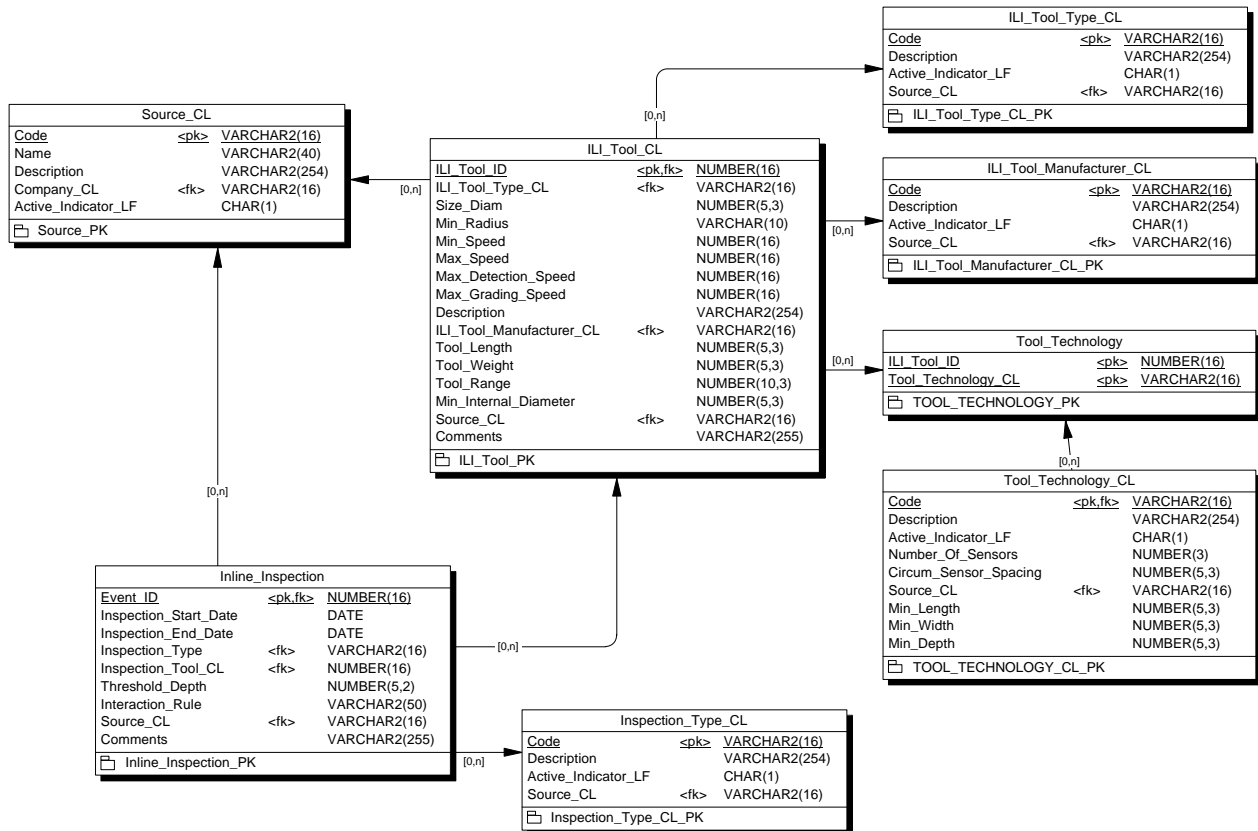


## Inline\_Inspection Submodel

### Table List

Name	Code	Label	Num
ILI Tool	ILI_Tool_CL	Inspection Event	
ILI Tool Manufacturer	ILI_Tool_Manufacturer_CL	Code List	
ILI Tool Type	ILI_Tool_Type_CL	Code List	
Inline Inspection	Inline_Inspection	Inspection Event	
Inspection Type	Inspection_Type_CL	Code List	
Source	Source_CL	Source	
Tool Technology	Tool_Technology		
Tool Technology_CL	Tool_Technology_CL	Code List	

### Submodel Graph

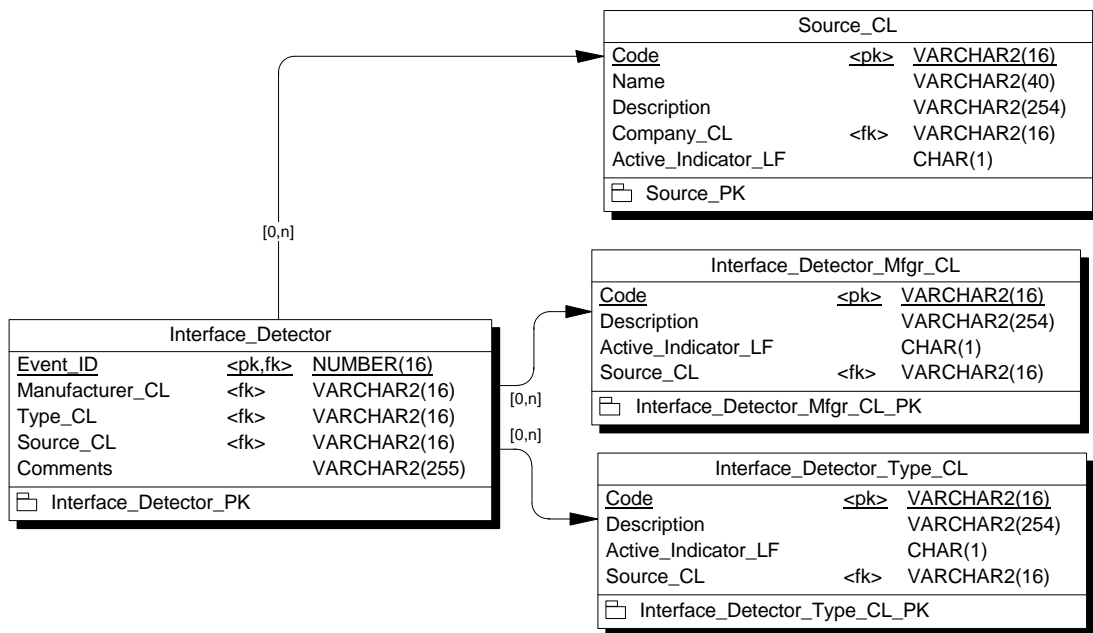


## Interface Detector Submodel

### Table List

Name	Code	Label	Num
Interface Detector	Interface_Detector	Facility Event	
Interface Detector Mfgr	Interface_Detector_Mfgr_CL	Code List	
Interface Detector Type	Interface_Detector_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

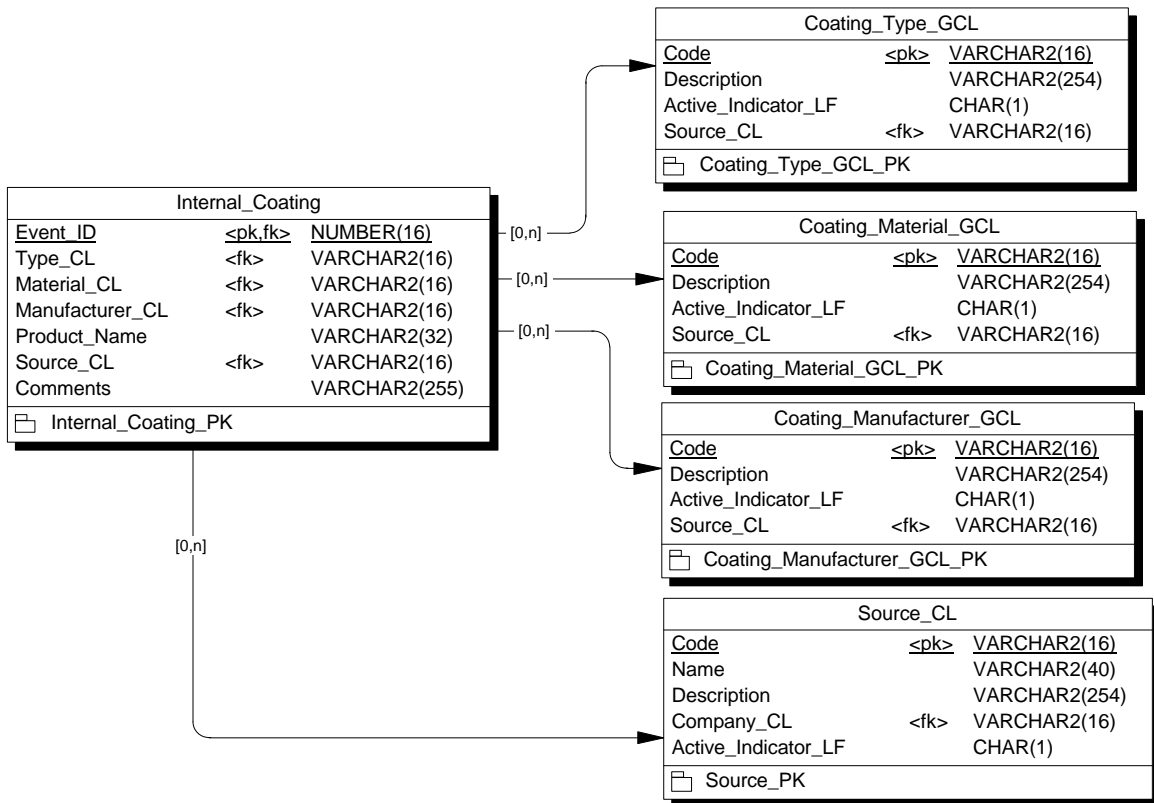


## Internal Coating Submodel

### Table List

Name	Code	Label	Num
Coating Manufacturer	Coating_Manufacturer_GCL	Global Code List	
Coating Material	Coating_Material_GCL	Global Code List	
Coating Type	Coating_Type_GCL	Global Code List	
Internal Coating	Internal_Coating	Facility Event	
Source	Source_CL	Source	

### Submodel Graph

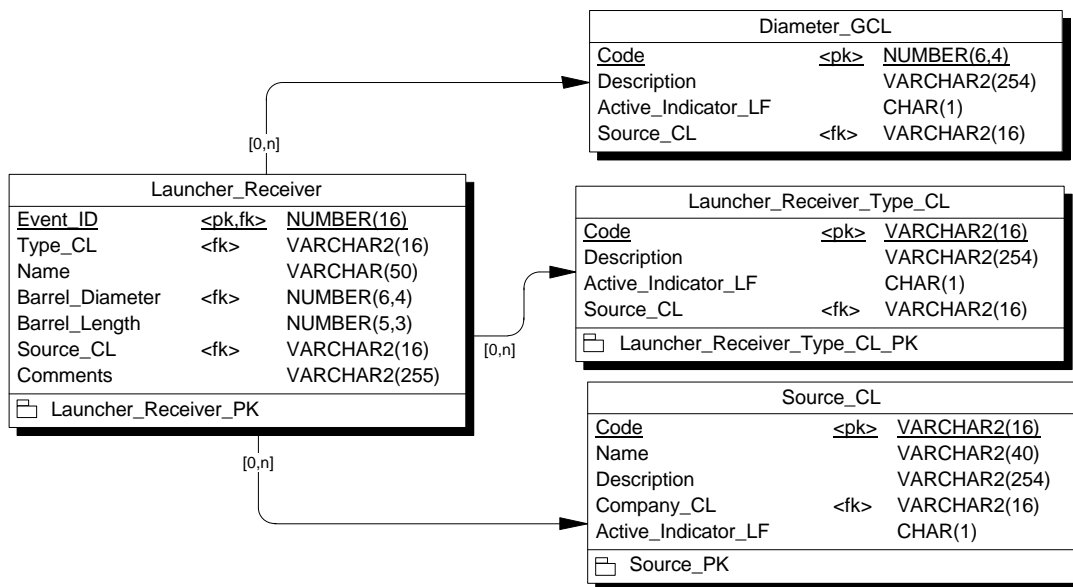


## Launcher-Receiver Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Launcher Receiver	Launcher_Receiver	Facility Event	
Launcher Receiver Type	Launcher_Receiver_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

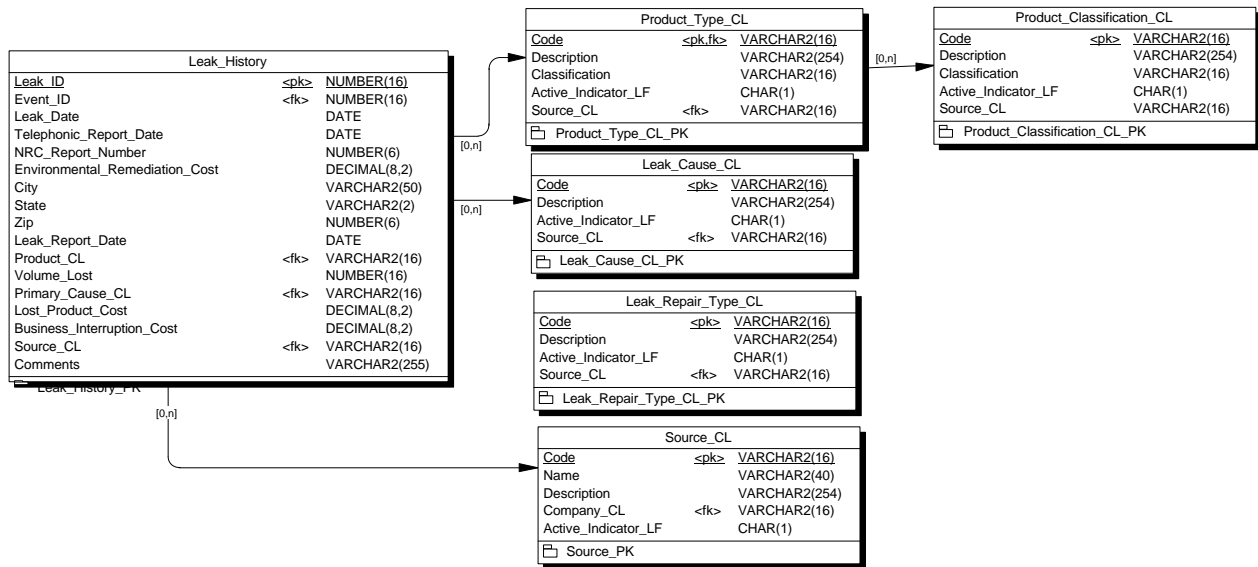


## Leak History Submodel

### Table List

Name	Code	Label	Num
Leak Cause	Leak_Cause_CL	Code List	
Leak History	Leak_History	Compliance Event	
Leak Repair Type	Leak_Repair_Type_CL	Code List	
Product_Classification_CL	Product_Classification_CL	Code List	
Product_Type	Product_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

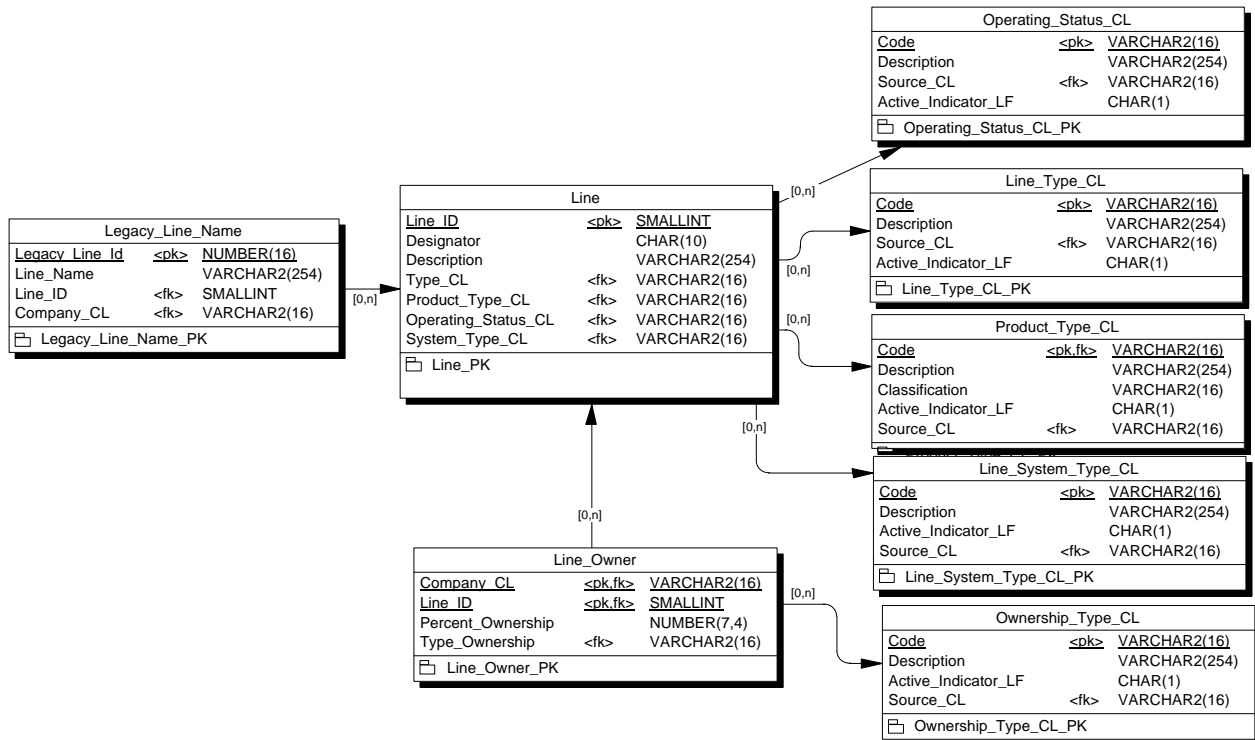


## Line Submodel

### Table List

Name	Code	Label	Num
Legacy Line Name	Legacy_Line_Name	Stationing	
Line	Line	Stationing	
Line Owner	Line_Owner	Code List	
Line System Type	Line_System_Type_CL	Code List	
Line Type	Line_Type_CL	Code List	
Operating Status	Operating_Status_CL	Code List	
Ownership_Type	Ownership_Type_CL	Code List	
Product_Type	Product_Type_CL	Code List	

### Submodel Graph

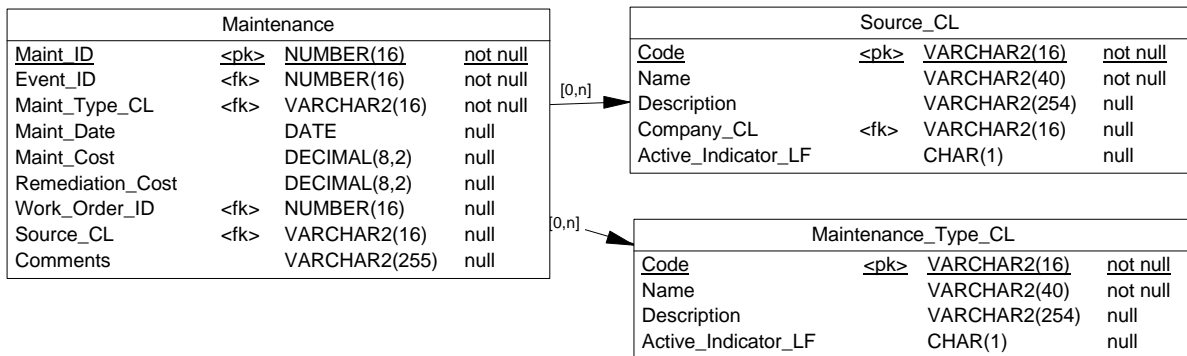


## Maintenance Submodel

### Table List

Name	Code	Label	Num
Maintenance	Maintenance	Compliance Event	
Maintenance_Type_CL	Maintenance_Type_CL	Source	
Source	Source_CL	Source	

### Submodel Graph

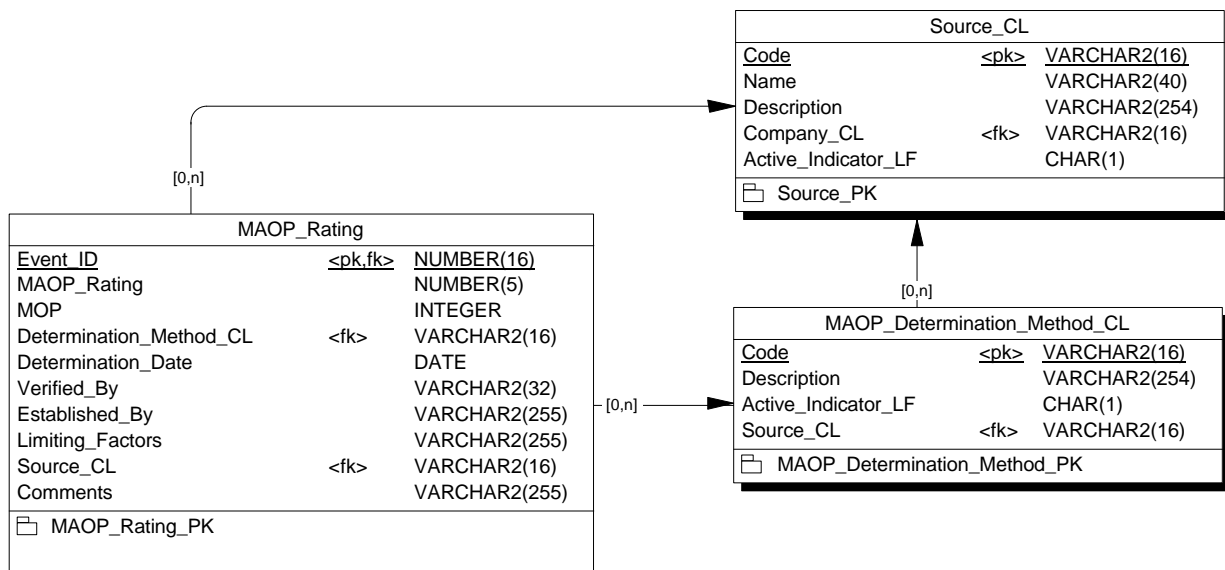


## MAOP Rating Submodel

### Table List

Name	Code	Label	Num
MAOP Determination Method	MAOP_Determination_Method_CL	Code List	
MAOP Rating Source	MAOP_Rating Source_CL	Compliance Event Source	

### Submodel Graph

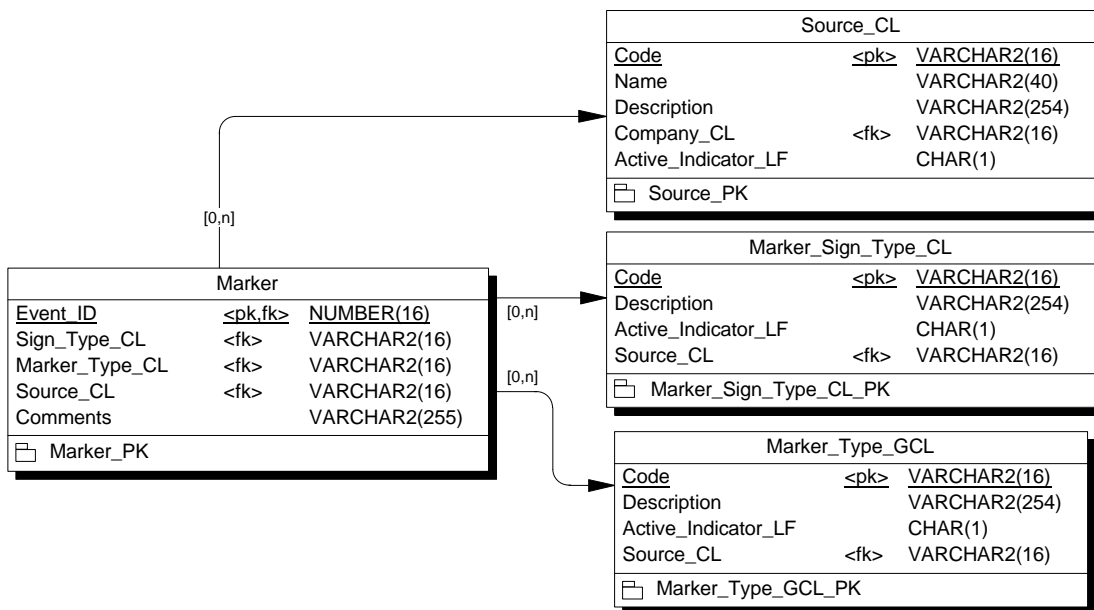


## Marker Submodel

### Table List

Name	Code	Label	Num
Marker	Marker	Facility Event	
Marker Sign Type	Marker_Sign_Type_CL	Code List	
Marker Type	Marker_Type_GCL	Code List	
Source	Source_CL	Source	

### Submodel Graph

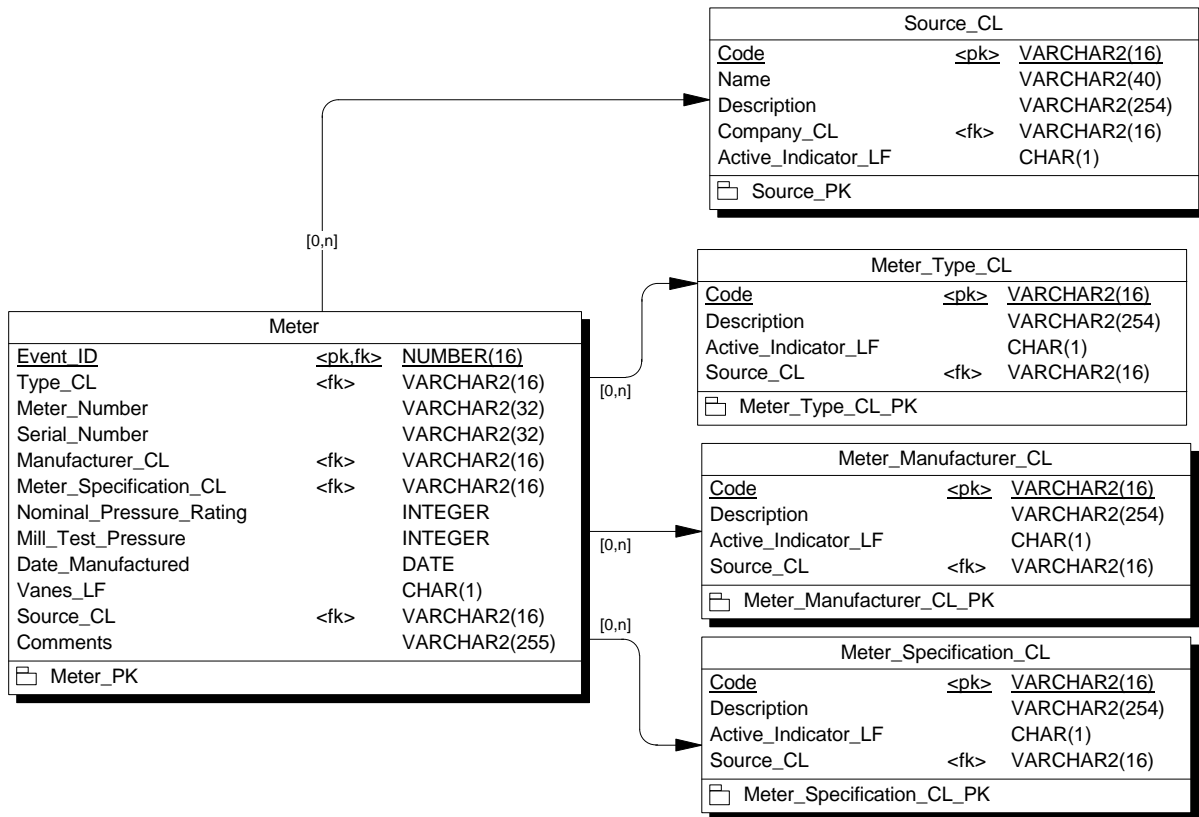


## Meter Submodel

### Table List

Name	Code	Label	Num
Meter	Meter	Facility Event	
Meter Manufacturer CL	Meter_Manufacturer_CL	Code List	
Meter Specification	Meter_Specification_CL	Code List	
Meter Type	Meter_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

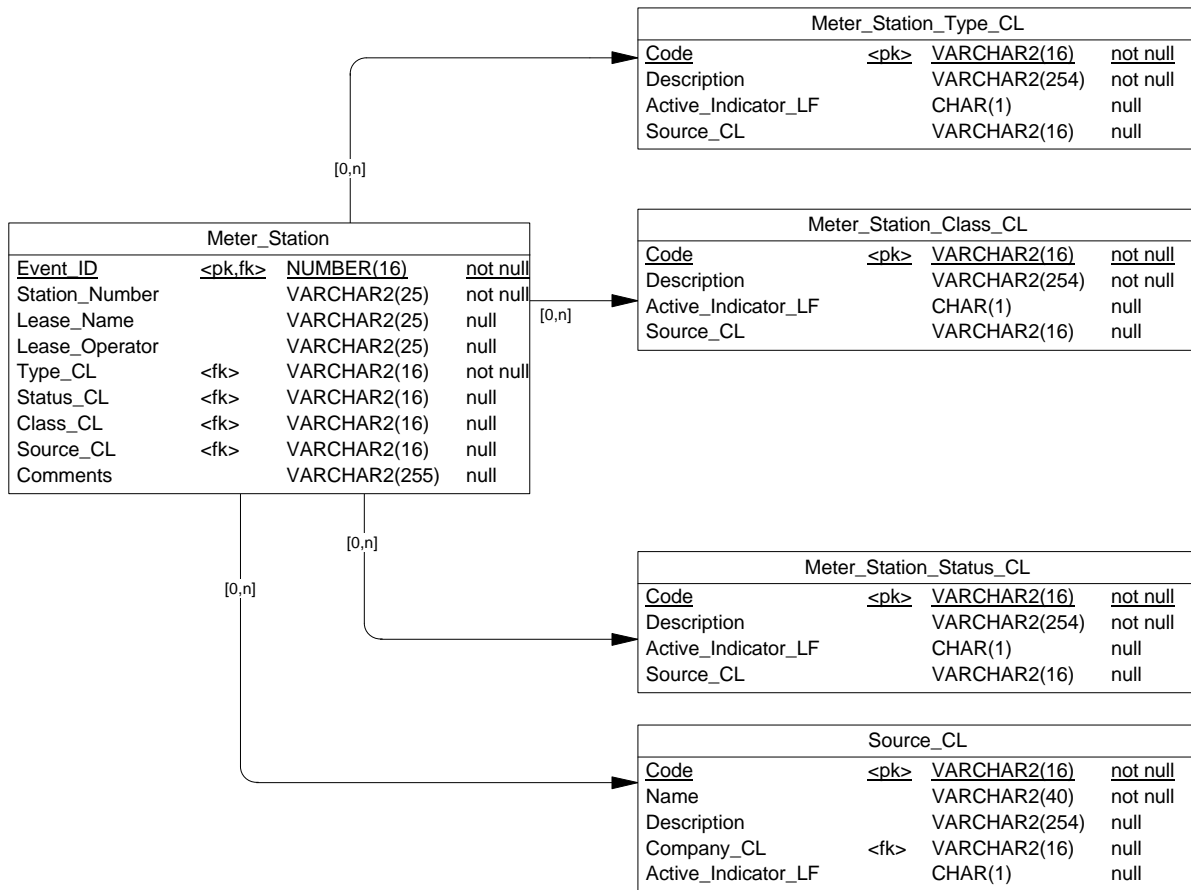


## Meter Station Submodel

### Table List

Name	Code	Label	Num
Meter_Station	Meter_Station		
Meter_Station_Class_CL	Meter_Station_Class_CL		
Meter_Station_Status_CL	Meter_Station_Status_CL		
Meter_Station_Type_CL	Meter_Station_Type_CL		
Source	Source_CL	Source	

### Submodel Graph

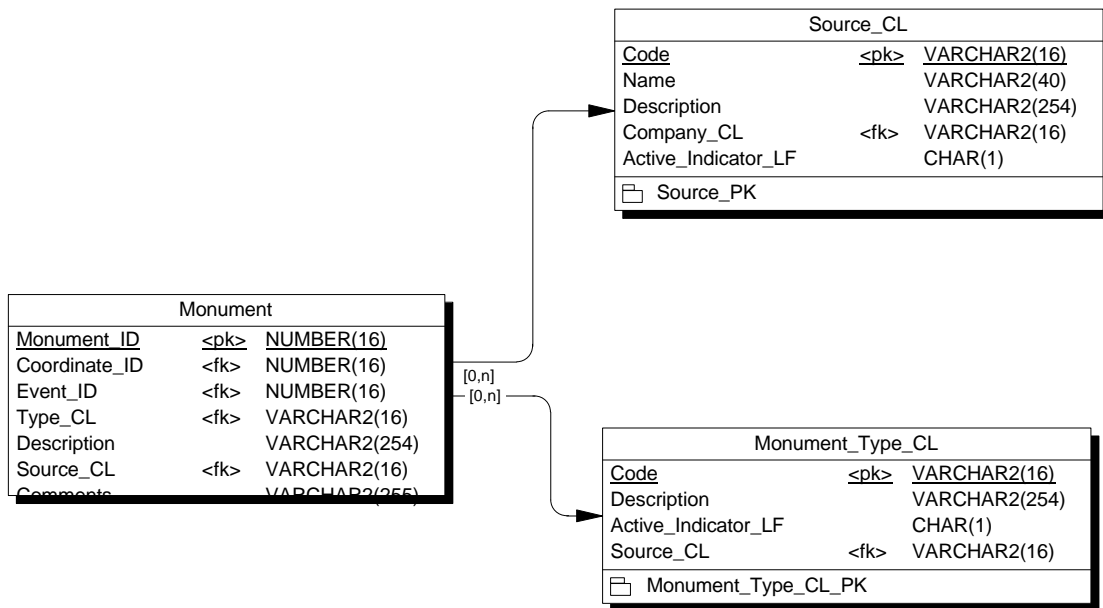


## Monument Submodel

### Table List

Name	Code	Label	Num
Monument	Monument	Coordinate	
Monument Type	Monument_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

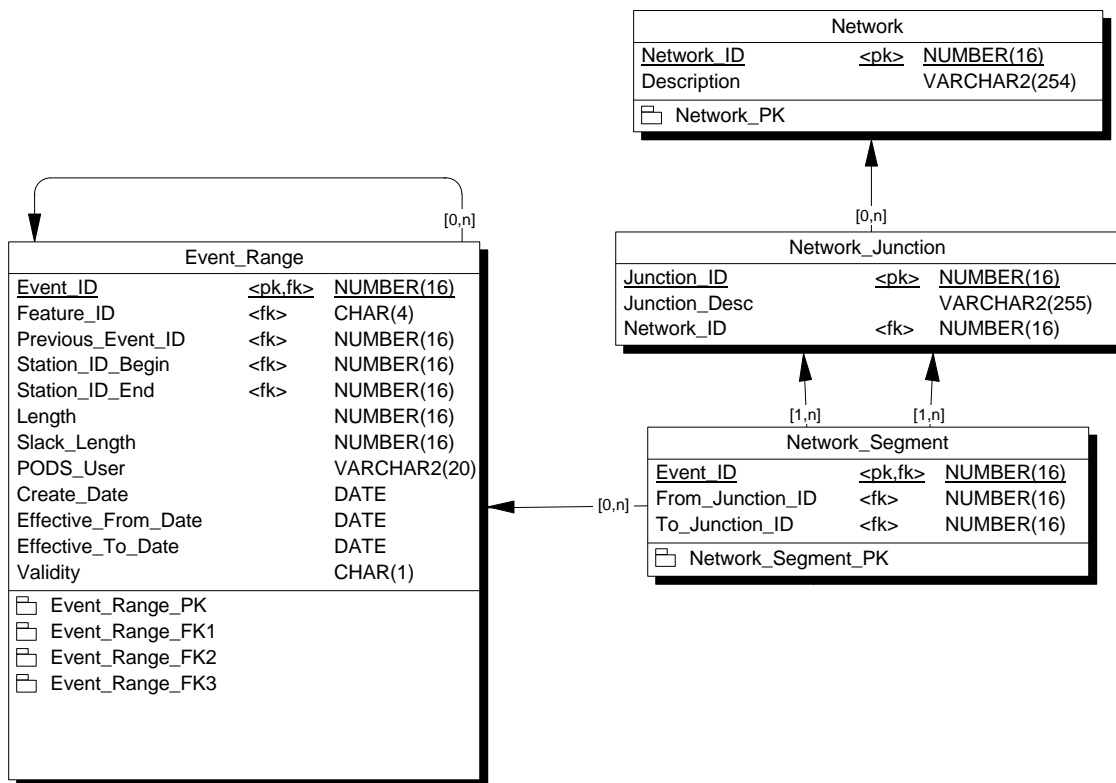


## Network Submodel

### Table List

Name	Code	Label	Num
Event_Range	Event_Range	Core	
Network	Network	Network	
Network Junction	Network_Junction	Network	
Network Segment	Network_Segment	Network	

### Submodel Graph

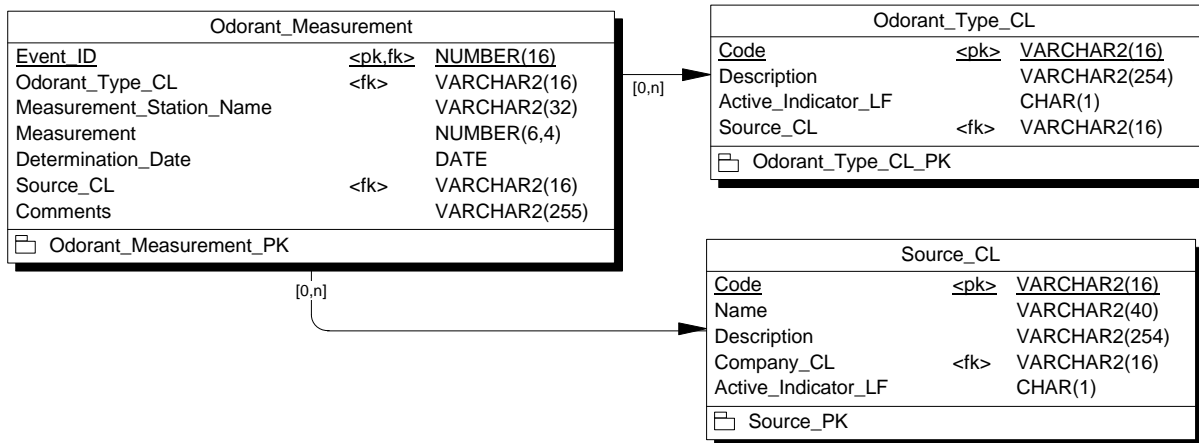


## Odorant Measurement Submodel

### Table List

Name	Code	Label	Num
Odorant Measurement	Odorant_Measurement	Operating Event	
Odorant Type	Odorant_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

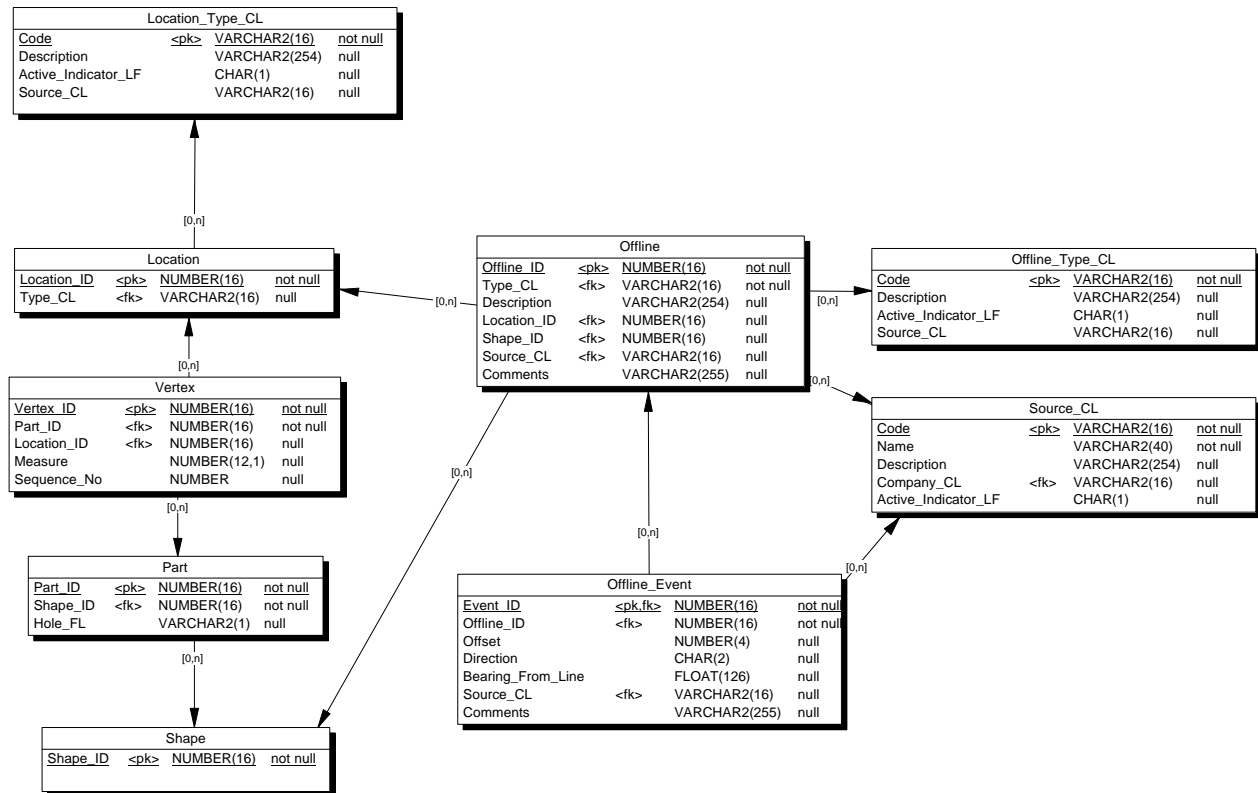


## Offline\_Event Submodel

### Table List

Name	Code	Label	Num
Location	Location	Coordinate	
LocationType	Location_Type_CL	Code List	
Offline	Offline	Compliance Event	
Offline Type	Offline_Type_CL	Code List	
Offline_Event	Offline_Event		
Part	Part	Coordinate	
Shape	Shape	Coordinate	
Source	Source_CL	Source	
Vertex	Vertex	Coordinate	

### Submodel Graph

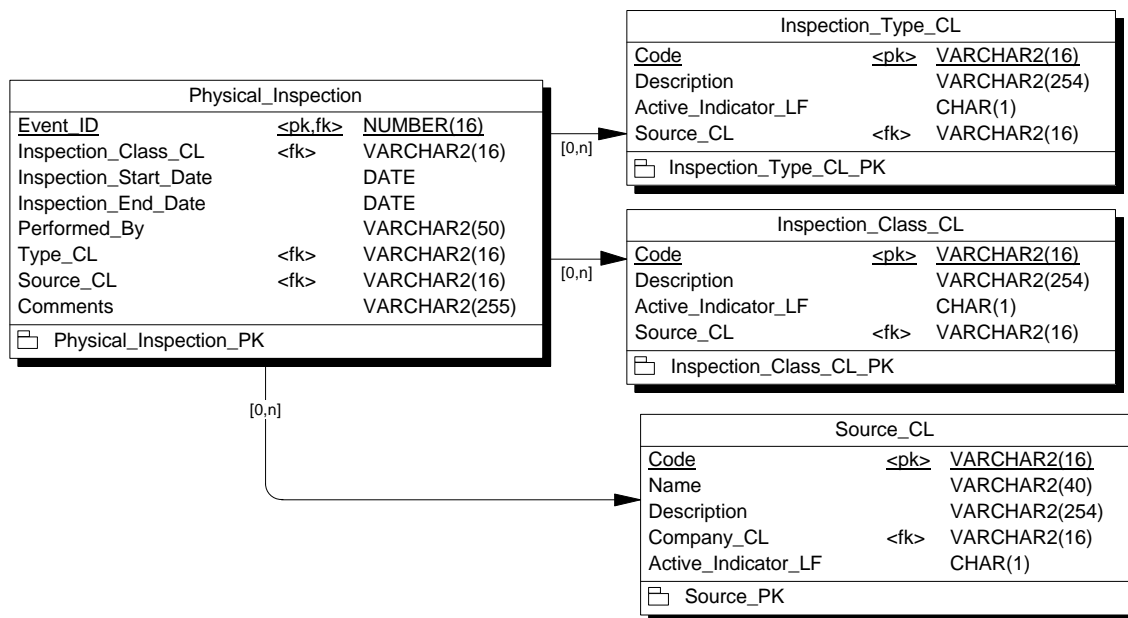


## Physical Inspection Submodel

### Table List

Name	Code	Label	Num
Inspection Class	Inspection_Class_CL	Code List	
Inspection Type	Inspection_Type_CL	Code List	
Physical Inspection	Physical_Inspection	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

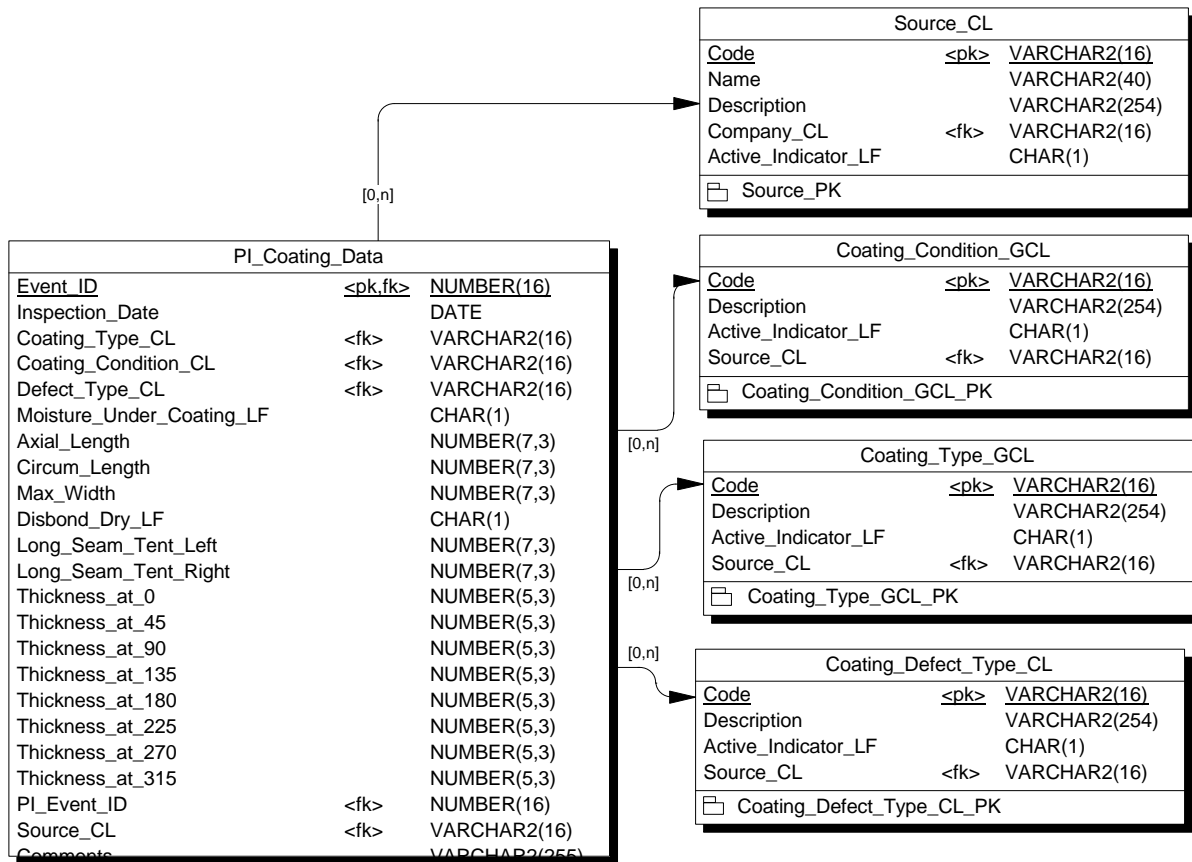


## PI Coating Data Submodel

### Table List

Name	Code	Label	Num
Coating Condition	Coating_Condition_GCL	Code List	
Coating Defect Type	Coating_Defect_Type_CL	Code List	
Coating Type	Coating_Type_GCL	Global Code List	
PI Coating Data	PI_Coating_Data	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

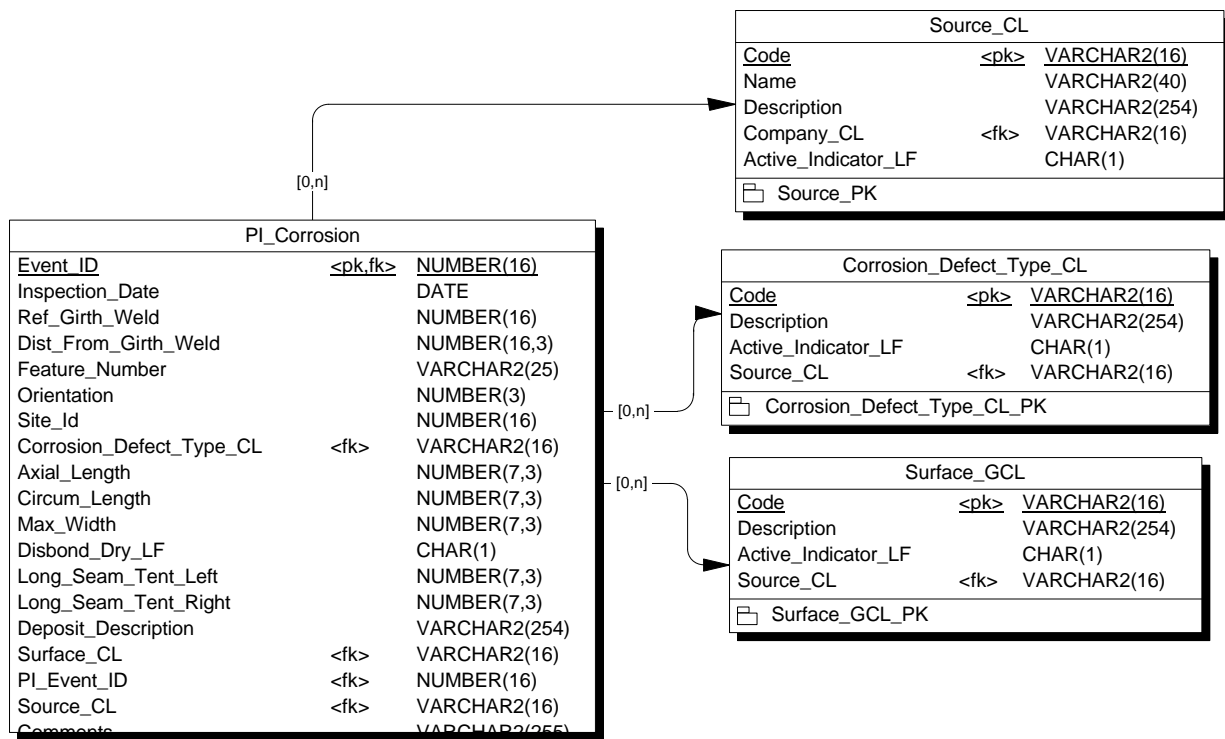


## PI Corrosion Submodel

### Table List

Name	Code	Label	Num
Corrosion Defect Type	Corrosion_Defect_Type_CL	Code List	
PI Corrosion	PI_Corrosion	Inspection Event	
Source	Source_CL	Source	
Surface	Surface_GCL	Global Code List	

### Submodel Graph

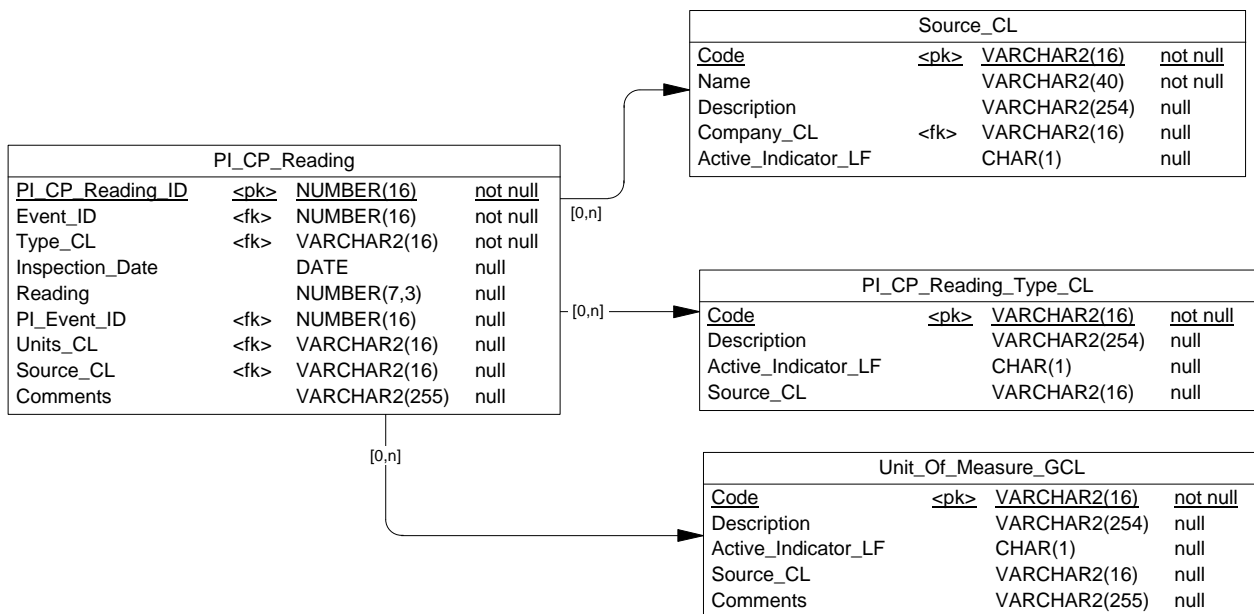


## PI CP Reading Submodel

### Table List

Name	Code	Label	Num
PI_CP_Reading	PI_CP_Reading	Inspection Event	
PI_CP_Reading_Type_CL	PI_CP_Reading_Type_CL	Code List	
Source	Source_CL	Source	
Unit Of Measure	Unit_Of_Measure_GCL	Global Code List	

### Submodel Graph

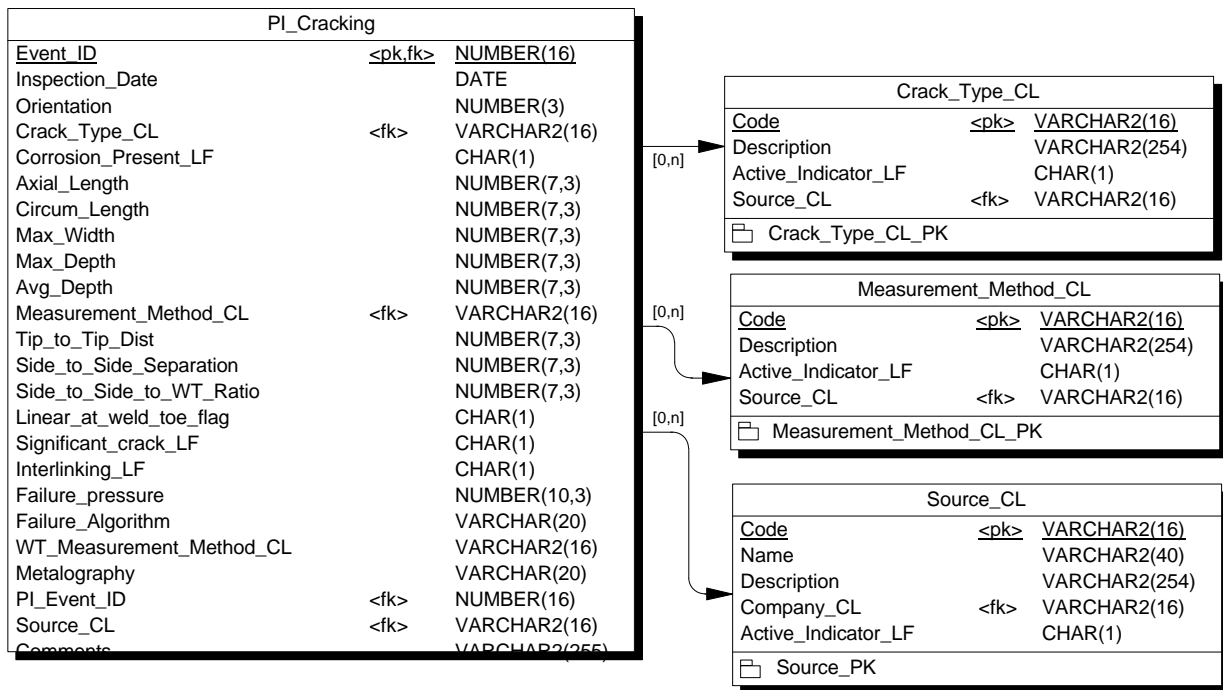


## PI Cracking Submodel

### Table List

Name	Code	Label	Num
Crack Type	Crack_Type_CL	Code List	
Measurement Method	Measurement_Method_CL	Code List	
PI Cracking	PI_Cracking	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

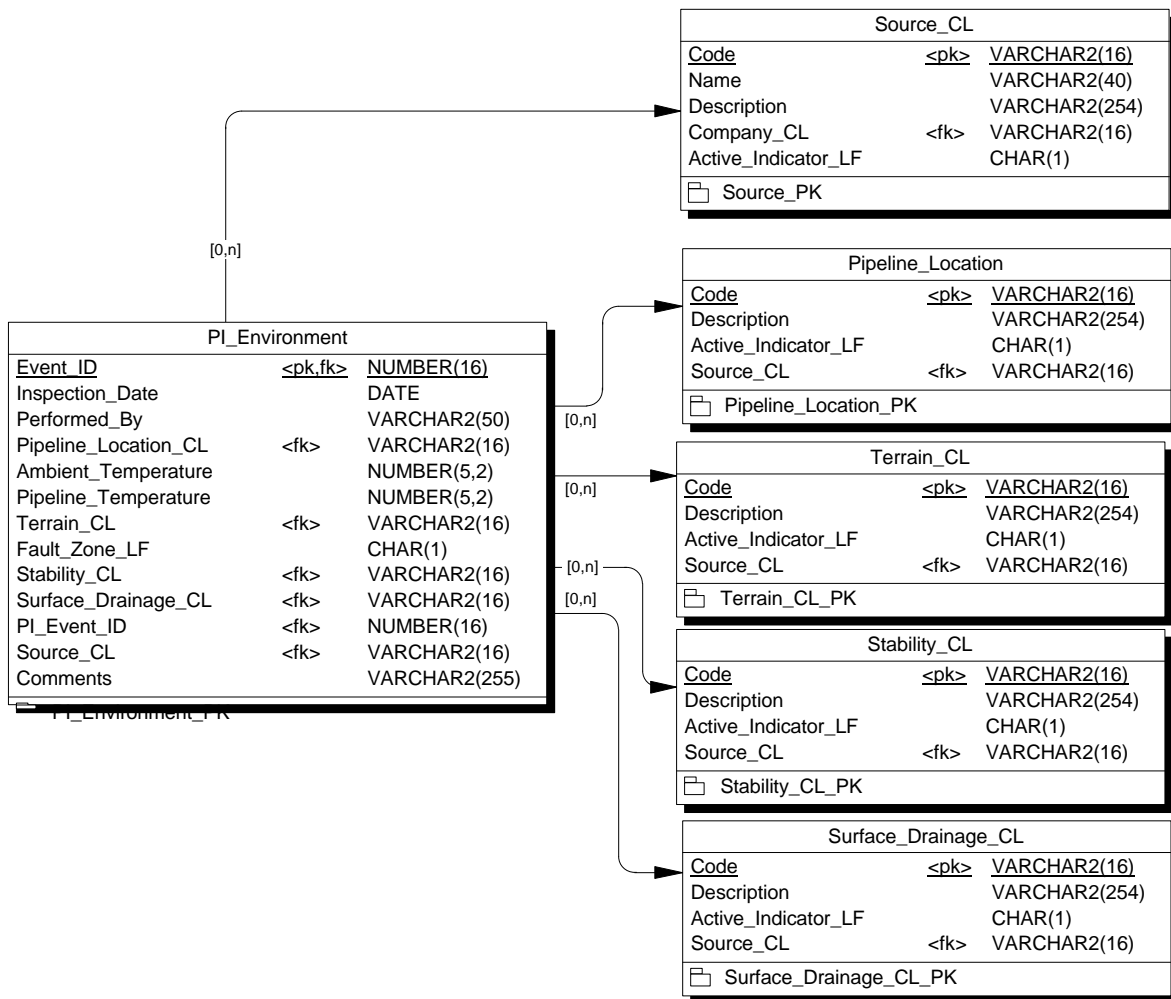


## PI Environment Submodel

### Table List

Name	Code	Label	Num
PI Environment	PI_Environment	Inspection Event	
Pipeline Location	Pipeline_Location	Code List	
Source	Source_CL	Source	
Stability	Stability_CL	Code List	
Surface Drainage	Surface_Drainage_CL	Code List	
Terrain	Terrain_CL	Code List	

### Submodel Graph

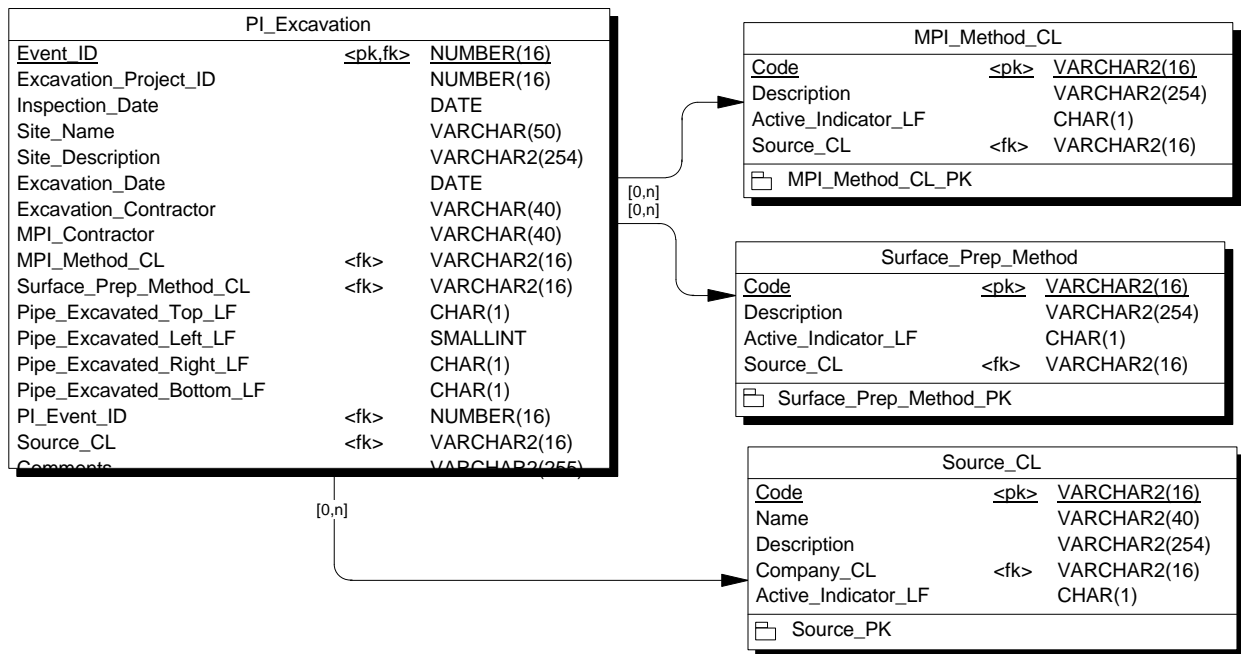


## PI Excavation Submodel

### Table List

Name	Code	Label	Num
MPI_Mehod	MPI_Method_CL	Code List	
PI Excavation	PI_Excavation	Inspection Event	
Source	Source_CL	Source	
Surface Prep Method	Surface_Prepare_Method	Code List	

### Submodel Graph

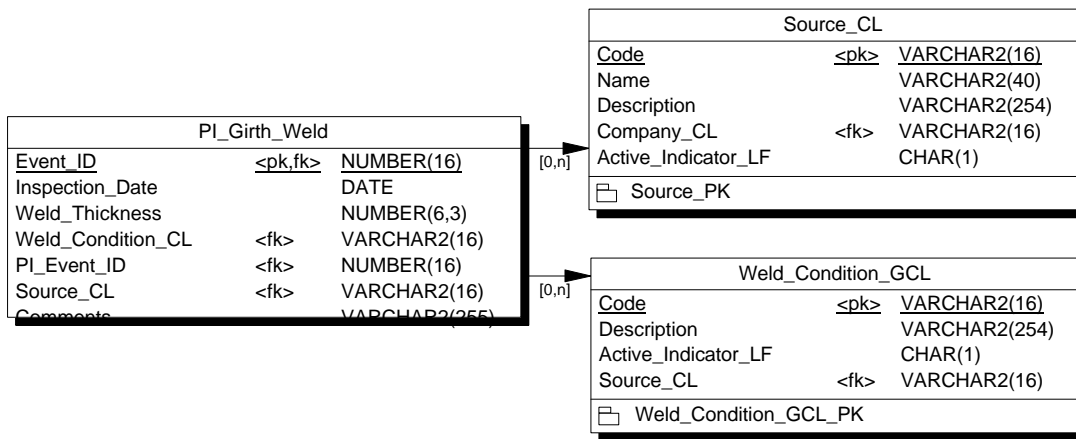


## PI Girth Weld Submodel

### Table List

Name	Code	Label	Num
PI Girth Weld	PI_Girth_Weld	Inspection Event	
Source	Source_CL	Source	
Weld_Condition	Weld_Condition_GCL	Global Code List	

### Submodel Graph

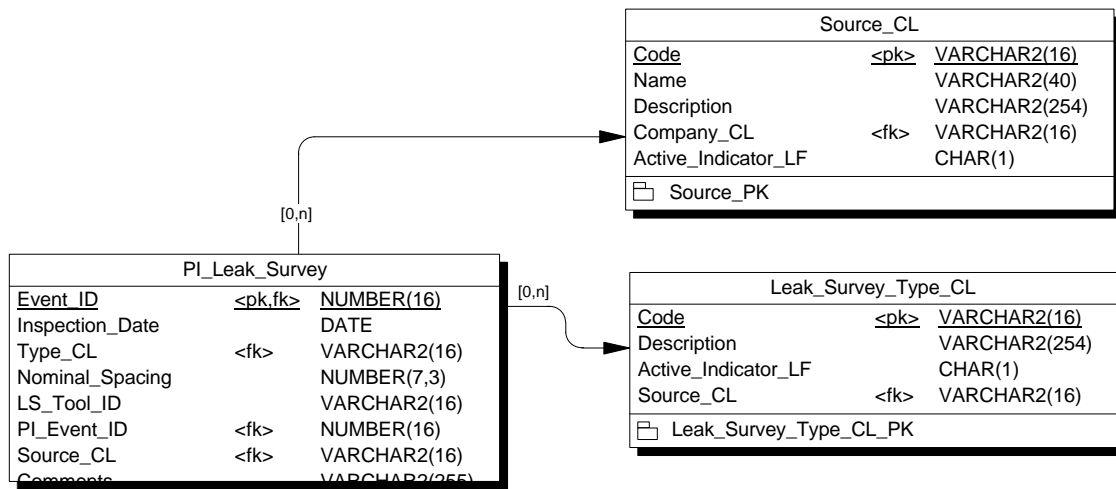


## PI Leak Survey Submodel

### Table List

Name	Code	Label	Num
Leak Survey Type	Leak_Survey_Type_CL	Code List	
PI Leak Survey	PI_Leak_Survey	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

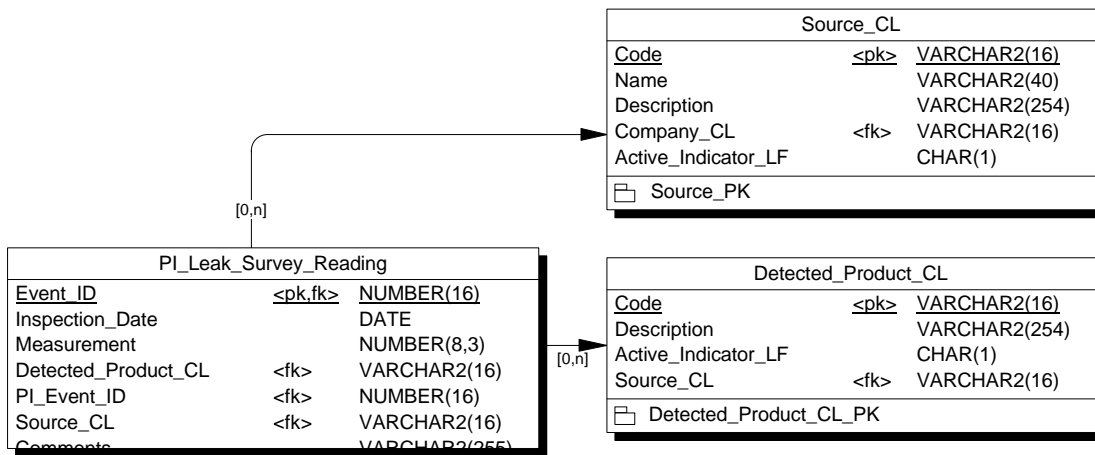


## PI Leak Survey Reading Submodel

### Table List

Name	Code	Label	Num
Detected_Product	Detected_Product_CL	Code List	
PI Leak Survey Reading	PI_Leak_Survey_Reading	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

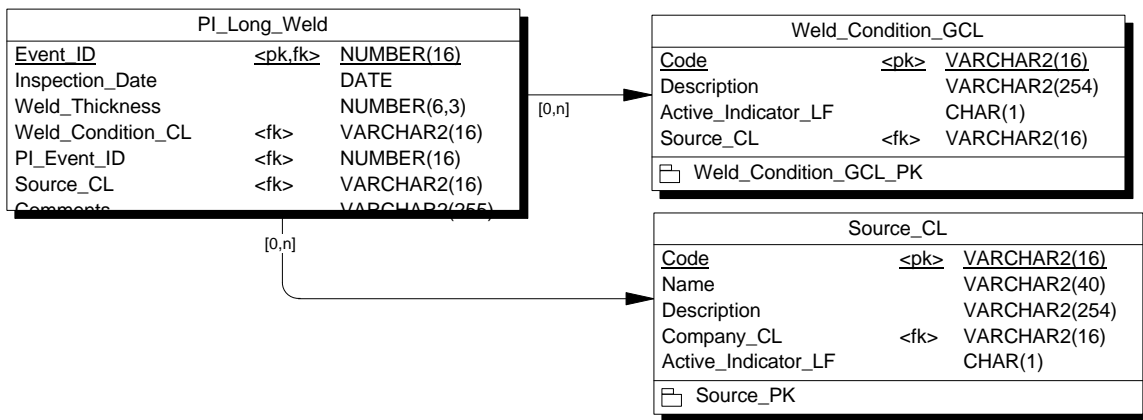


## PI Long Seam Submodel

### Table List

Name	Code	Label	Num
PI Long Weld	PI_Long_Weld	Inspection Event	
Source	Source_CL	Source	
Weld_Condition	Weld_Condition_GCL	Global Code List	

### Submodel Graph

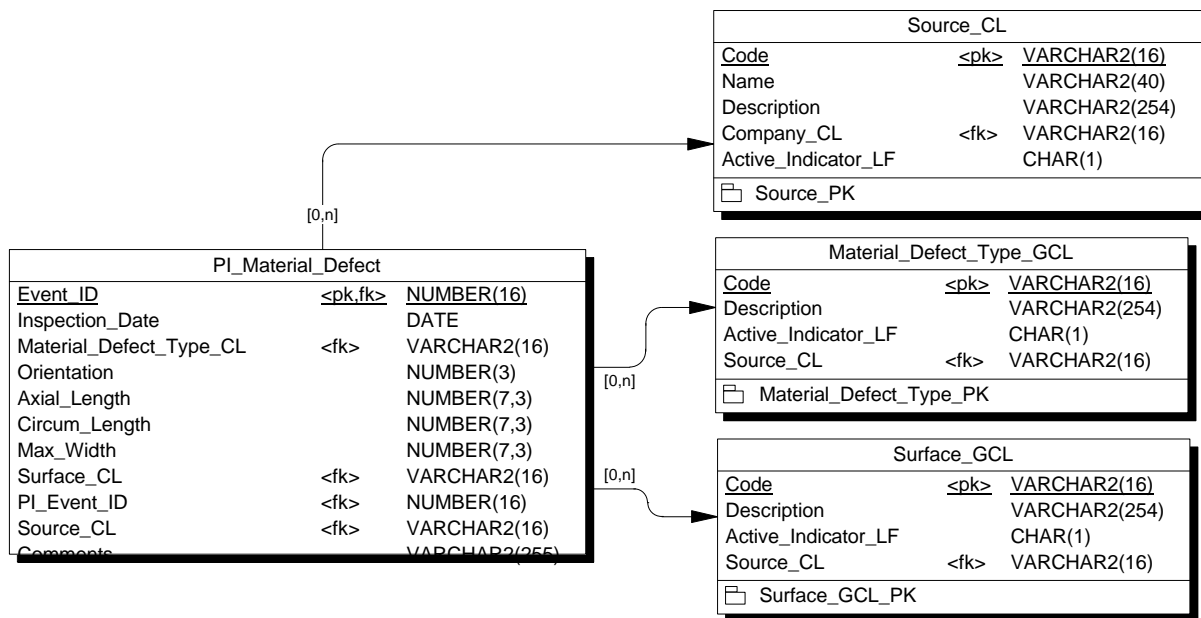


## PI Material Defect Submodel

### Table List

Name	Code	Label	Num
Material Defect Type	Material_Defect_Type_GCL	Global Code List	
PI Material Defect	PI_Material_Defect	Inspection Event	
Source	Source_CL	Source	
Surface	Surface_GCL	Global Code List	

### Submodel Graph

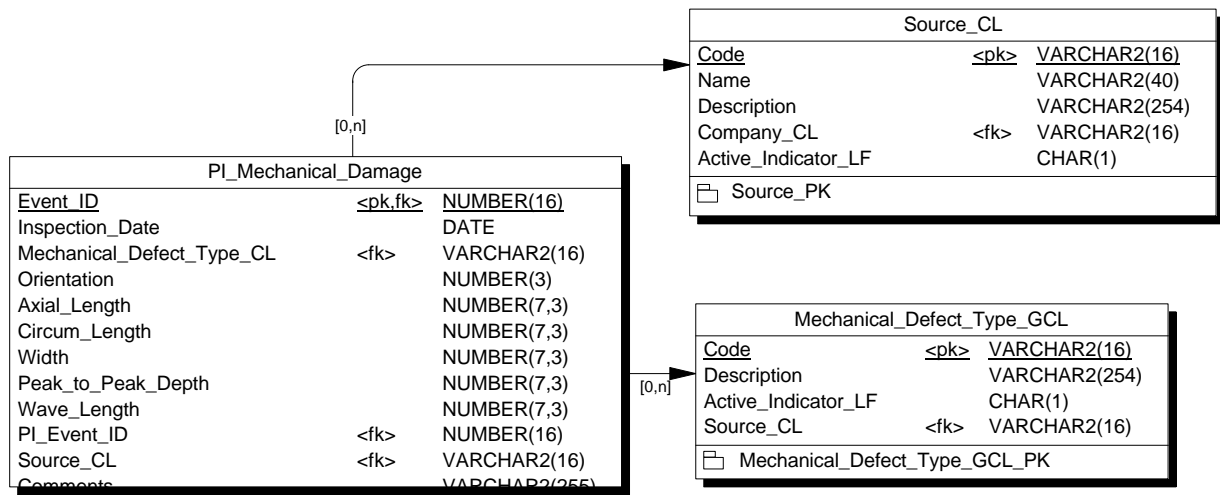


## PI Mechanical Damage Submodel

### Table List

Name	Code	Label	Num
Mechanical Defect Type	Mechanical_Defect_Type_GCL	Code List	
PI Mechanical Damage	PI_Mechanical_Damage	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

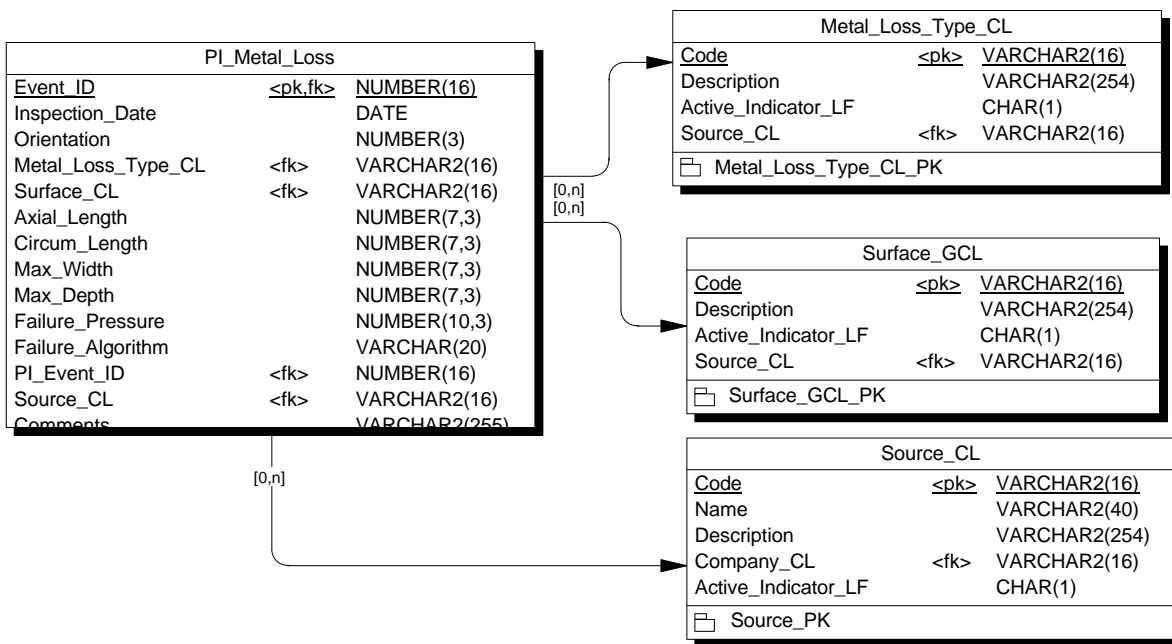


## PI Metal Loss Submodel

### Table List

Name	Code	Label	Num
Metal Loss Type	Metal_Loss_Type_CL	Code List	
PI Metal Loss	PI_Metal_Loss	Inspection Event	
Source	Source_CL	Source	
Surface	Surface_GCL	Global Code List	

### Submodel Graph

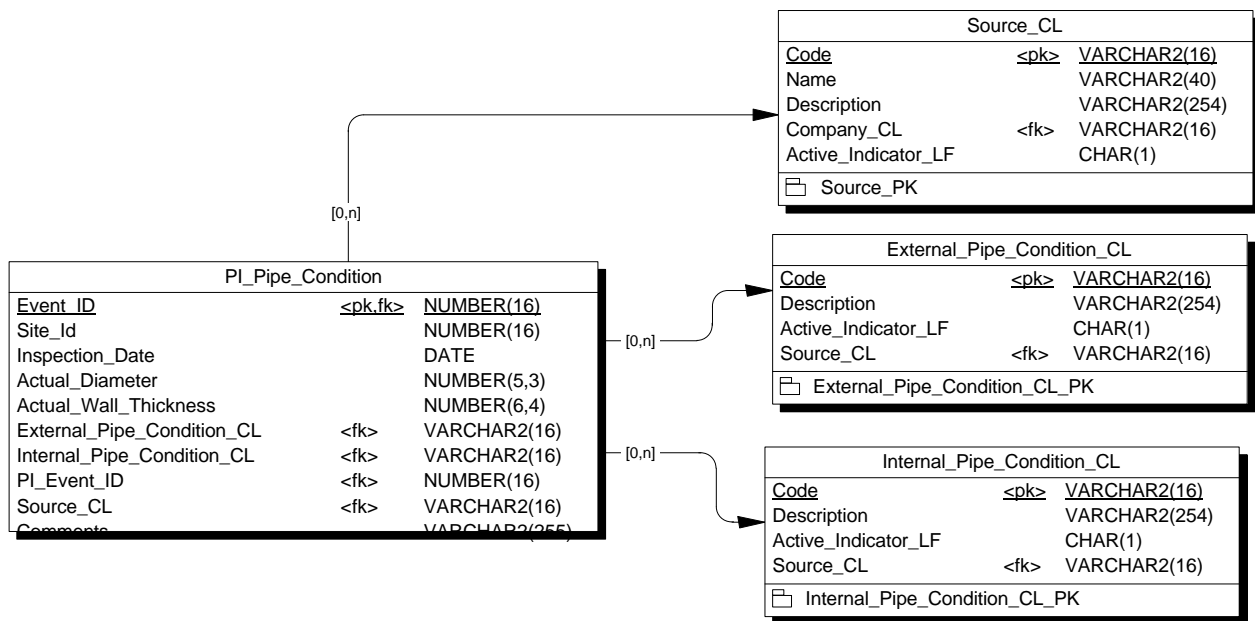


## PI Pipe Condition Submodel

### Table List

Name	Code	Label	Num
External_Pipe_Condition	External_Pipe_Condition_CL	Code List	
Internal_Pipe_Condition	Internal_Pipe_Condition_CL	Code List	
PI Pipe Condition	PI_Pipe_Condition	Inspection Event	
Source	Source_CL	Source	

### Submodel Graph

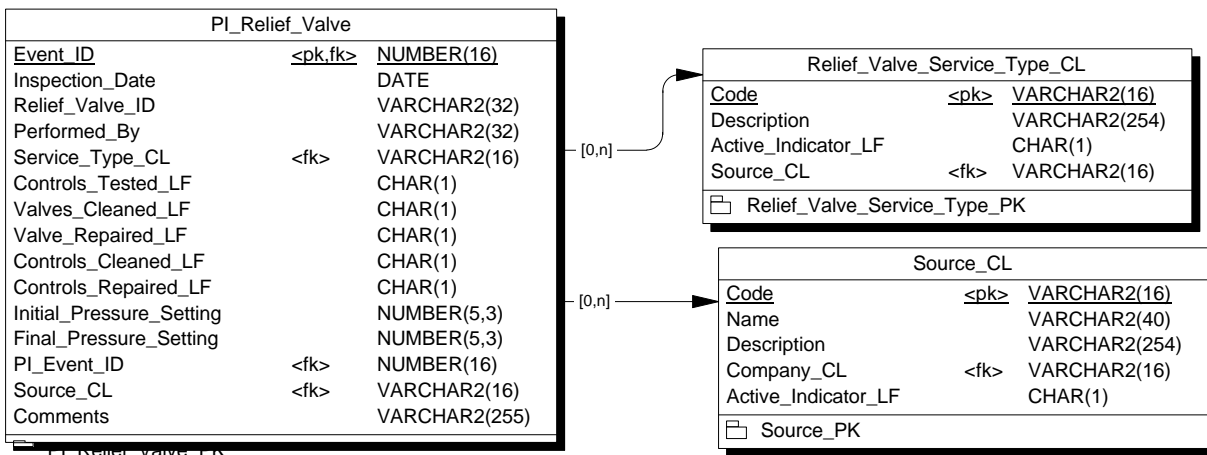


## PI Relief Valve Submodel

### Table List

Name	Code	Label	Num
PI Relief Valve	PI_Relief_Valve	Inspection Event	
Relief Valve Service Type	Relief_Valve_Service_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

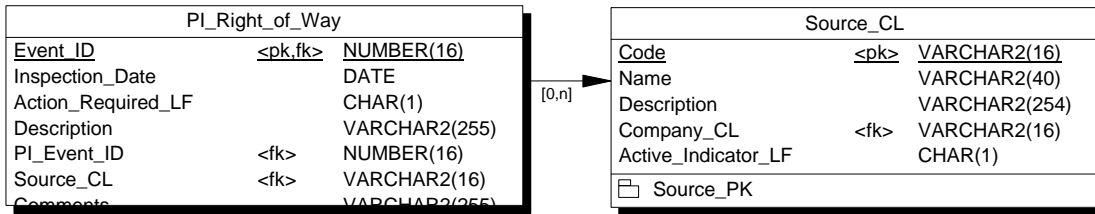


## PI Right of Way Submodel

### Table List

Name	Code	Label	Num
PI Right of Way Source	PI_Right_of_Way Source_CL	Inspection Event Source	

### Submodel Graph

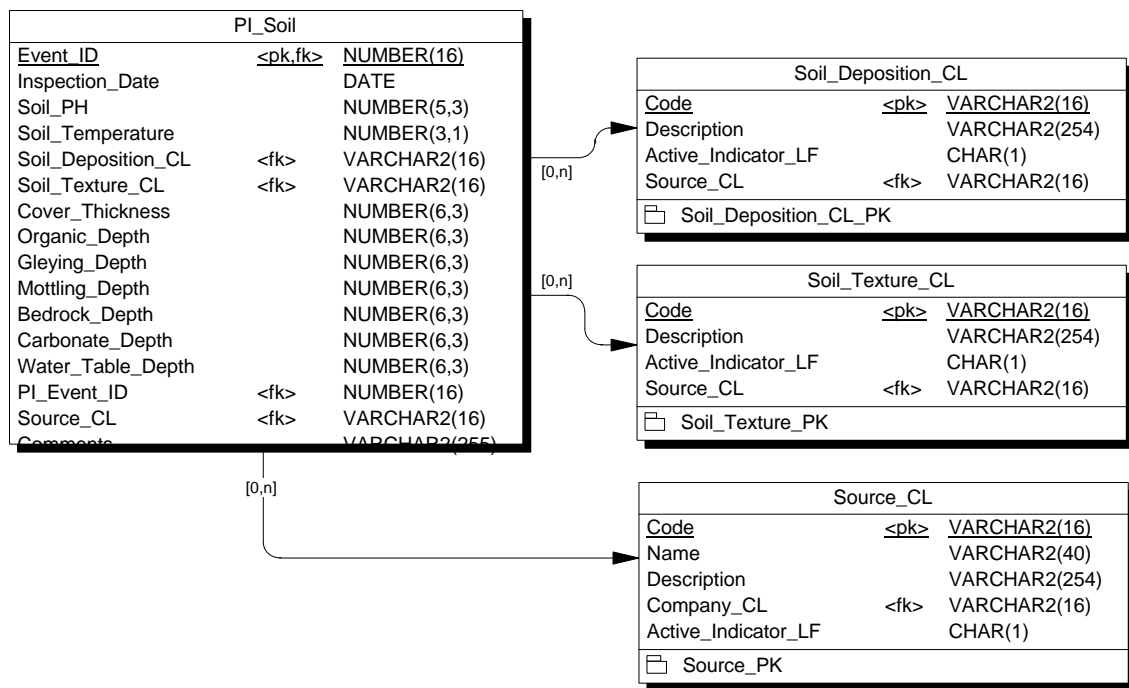


## PI Soil Submodel

### Table List

Name	Code	Label	Num
PI Soil	PI_Soil	Inspection Event	
Soil Deposition	Soil_Deposition_CL	Code List	
Soil Texture	Soil_Texture_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

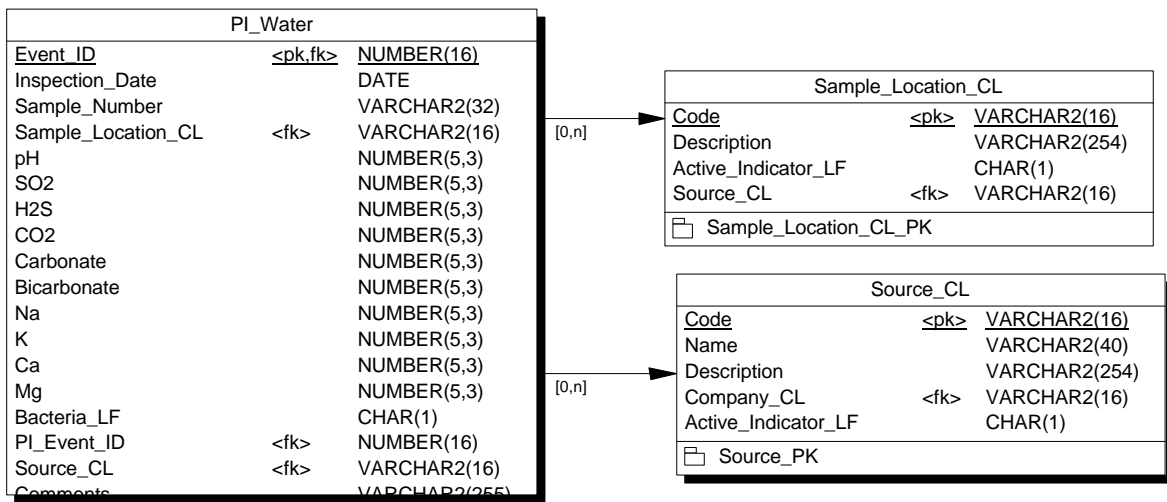


## PI Water Submodel

### Table List

Name	Code	Label	Num
PI_Water	PI_Water	Inspection Event	
Sample Location	Sample_Location_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

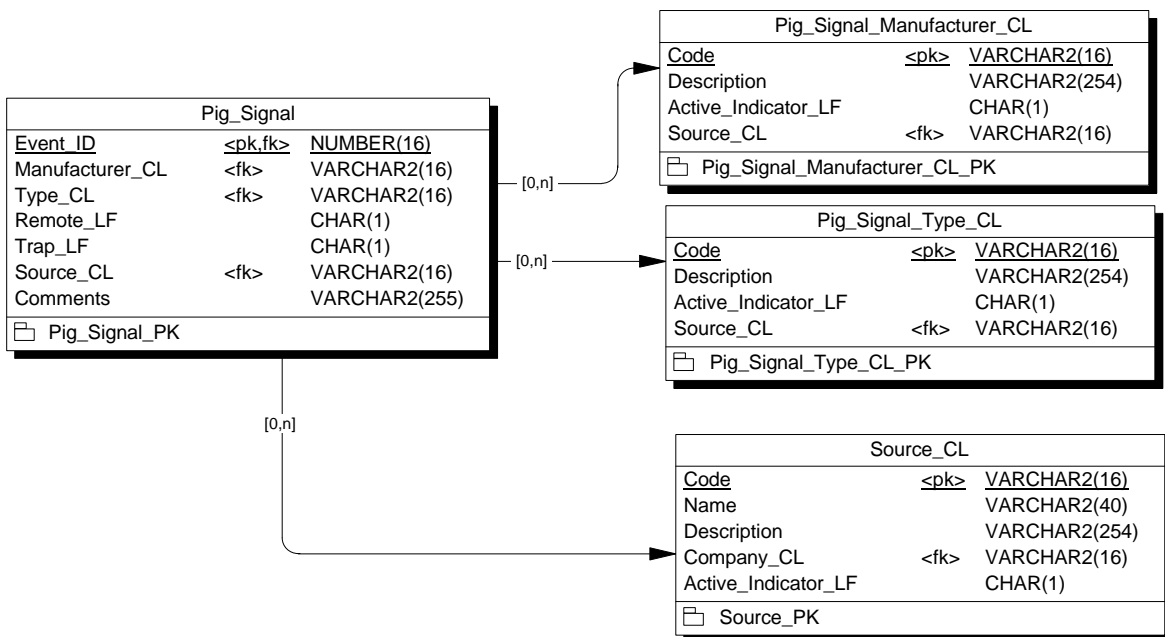


## Pig Signal Submodel

### Table List

Name	Code	Label	Num
Pig Signal	Pig_Signal	Facility Event	
Pig Signal Manufacturer	Pig_Signal_Manufacturer_CL	Code List	
Pig_Signal_Type	Pig_Signal_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

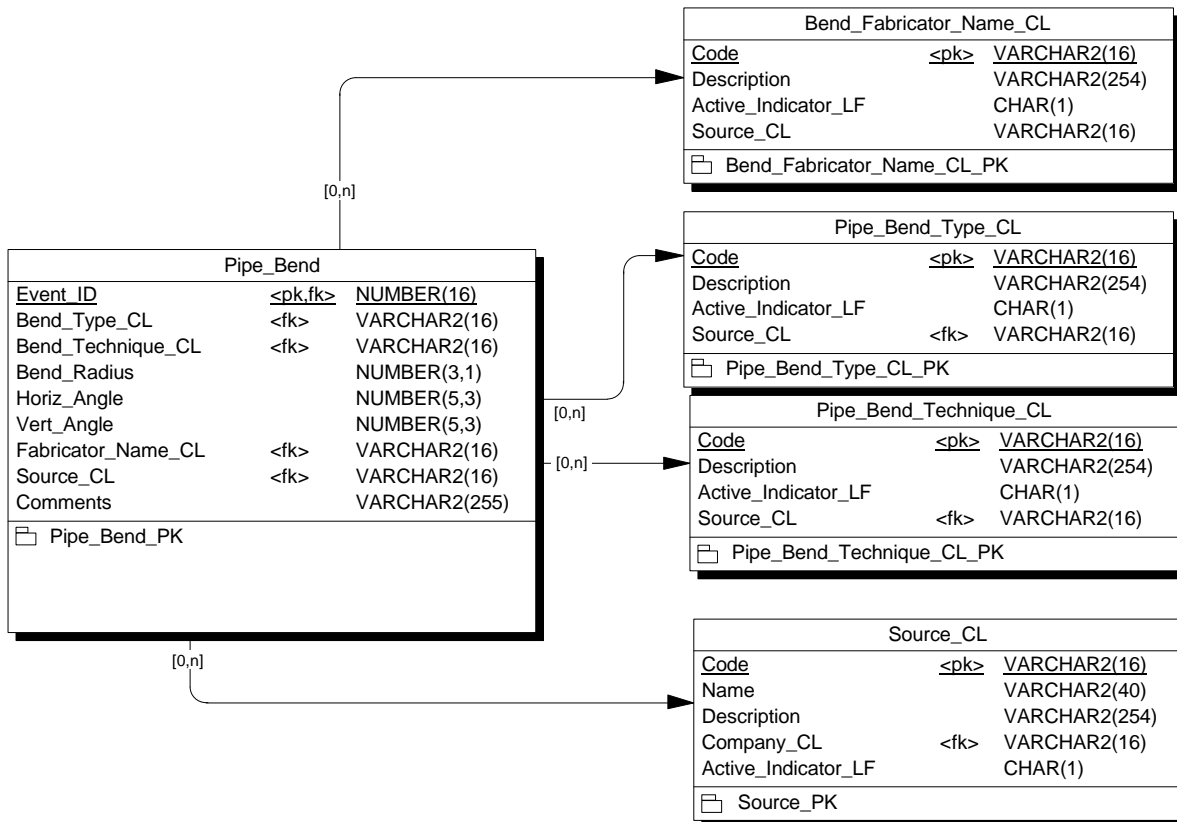


## Pipe Bend Submodel

### Table List

Name	Code	Label	Num
Bend_Fabricator_Name_CL	Bend_Fabricator_Name_CL	Code List	
Pipe Bend	Pipe_Bend	Facility Event	
Pipe Bend Technique	Pipe_Bend_Technique_CL	Code List	
Pipe Bend Type	Pipe_Bend_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

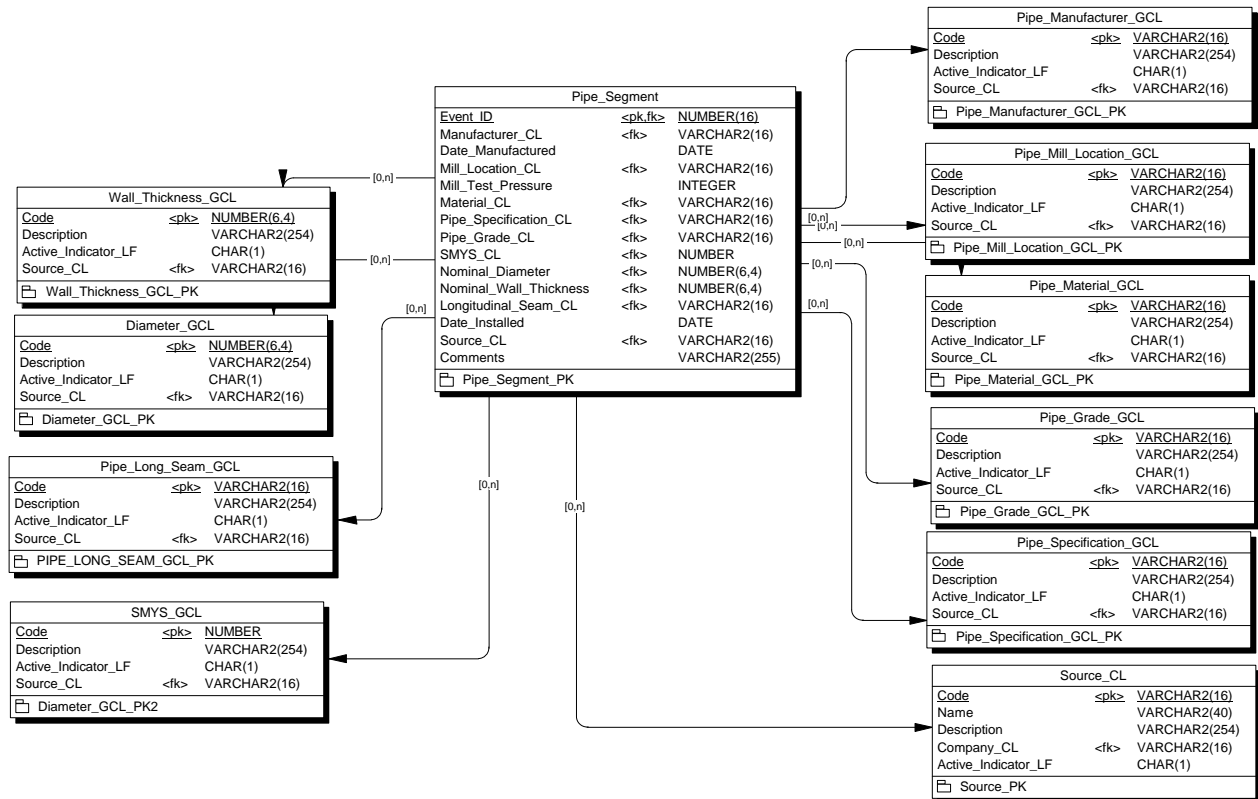


## Pipe Segment Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Pipe Manufacturer	Pipe_Manufacturer_GCL	Global Code List	
Pipe Material	Pipe_Material_GCL	Global Code List	
Pipe Mill Location	Pipe_Mill_Location_GCL	Global Code List	
Pipe Segment	Pipe_Segment	Facility Event	
Pipe Specification	Pipe_Specification_GCL	Global Code List	
Pipe_Grade_GCL	Pipe_Grade_GCL	Global Code List	
Pipe_Long_Seam_GCL	Pipe_Long_Seam_GCL	Global Code List	
SMYS_GCL	SMYS_GCL		
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

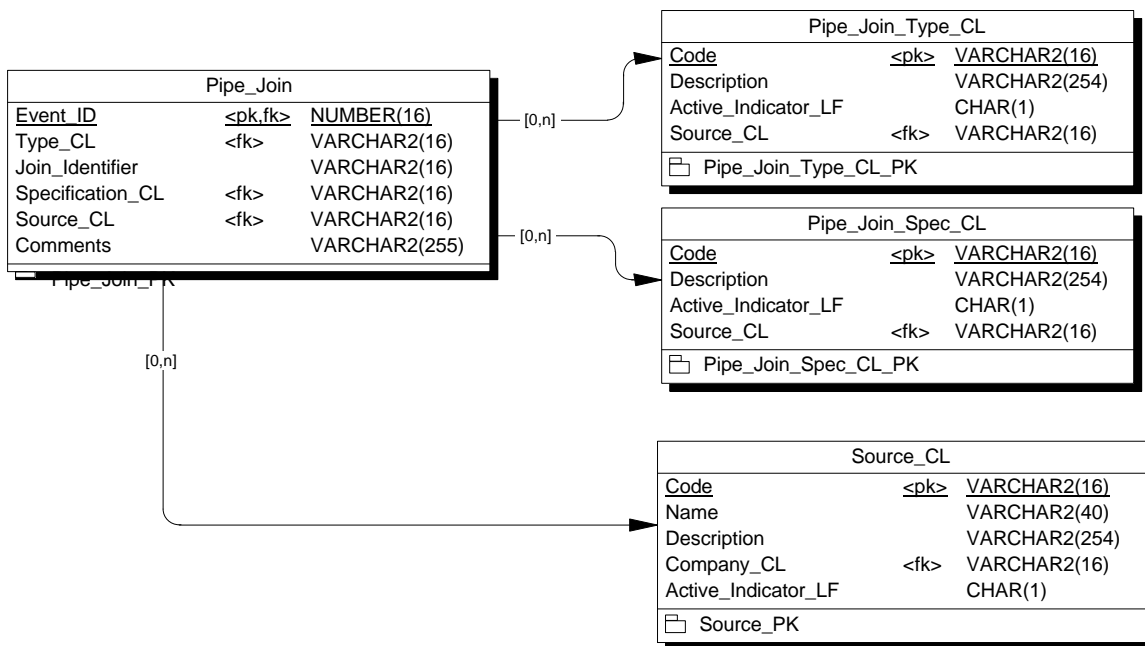


## Pipe\_Join Submodel

### Table List

Name	Code	Label	Num
Pipe Join Spec	Pipe_Join_Spec_CL	Code List	
Pipe Join Type	Pipe_Join_Type_CL	Code List	
Pipe_Join	Pipe_Join	Facility Event	
Source	Source_CL	Source	

### Submodel Graph

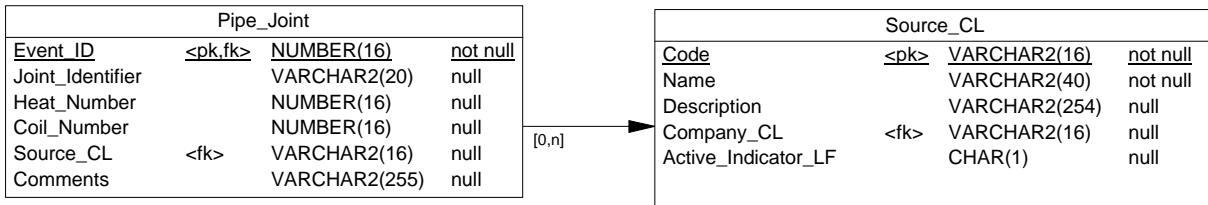


## Pipe\_Joint Submodel

### Table List

Name	Code	Label	Num
Pipe_Joint Source	Pipe_Joint Source_CL	Facility Event Source	

### Submodel Graph

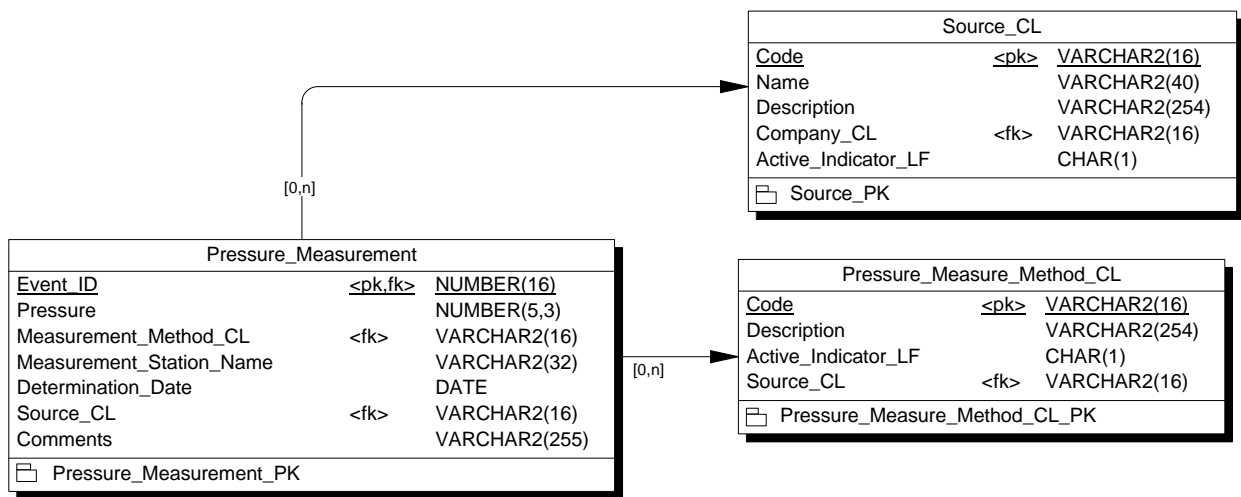


## Pressure Measurement Submodel

### Table List

Name	Code	Label	Num
Pressure Measure Method	Pressure_Measure_Method_CL	Code List	
Pressure Measurement	Pressure_Measurement	Operating Event	
Source	Source_CL	Source	

### Submodel Graph

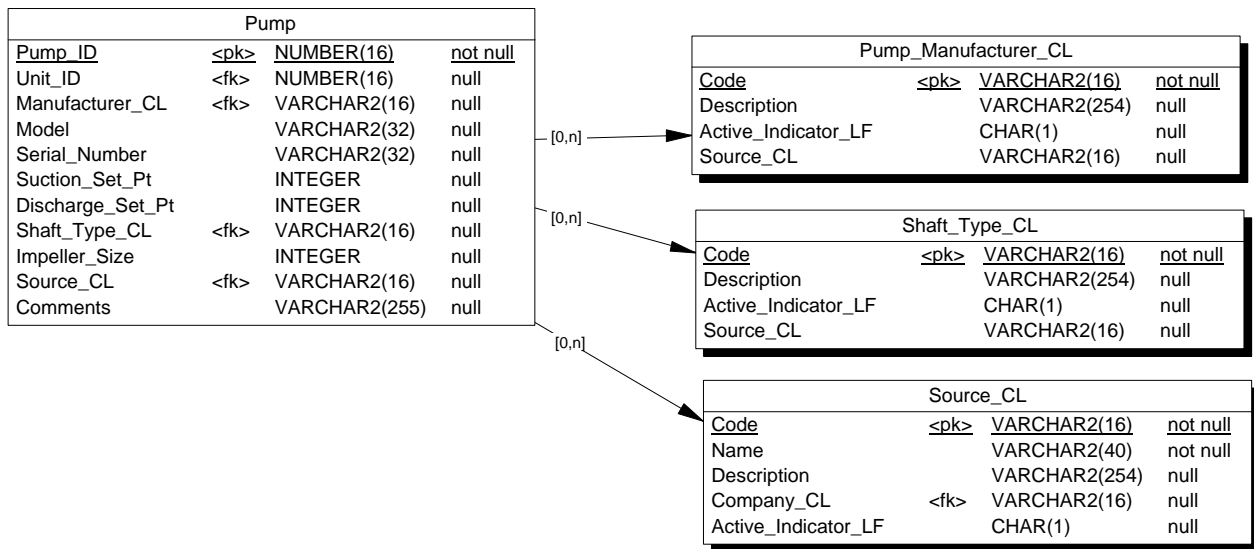


## Pump Submodel

### Table List

Name	Code	Label	Num
Pump	Pump	Facility Event	
Pump_Manufacturer_CL	Pump_Manufacturer_CL	Global Code List	
Shaft_Type_CL	Shaft_Type_CL	Global Code List	
Source	Source_CL	Source	

### Submodel Graph

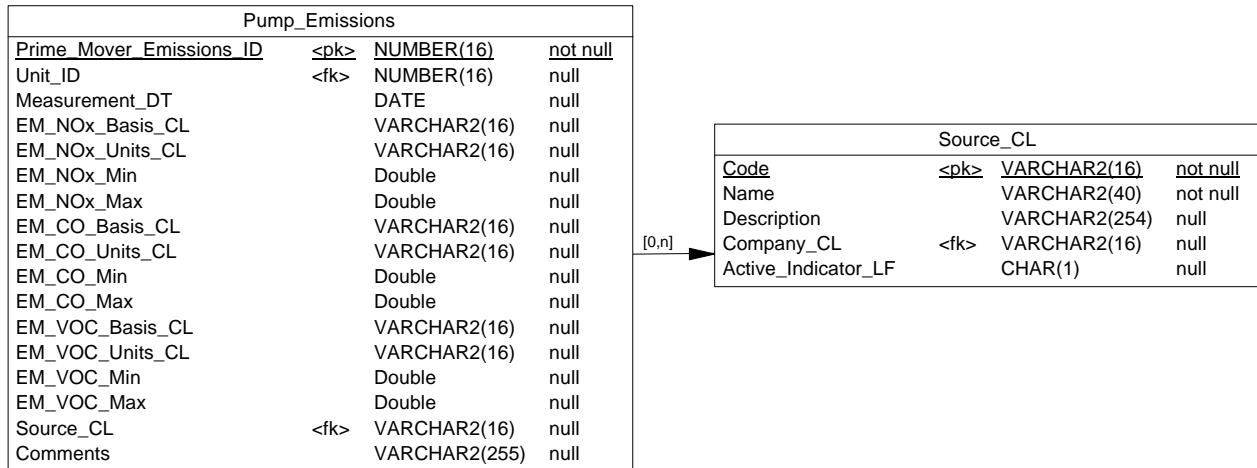


## Pump Emissions Submodel

### Table List

Name	Code	Label	Num
Pump_Emissions Source	Pump_Emissions Source_CL	Facility Event Source	

### Submodel Graph



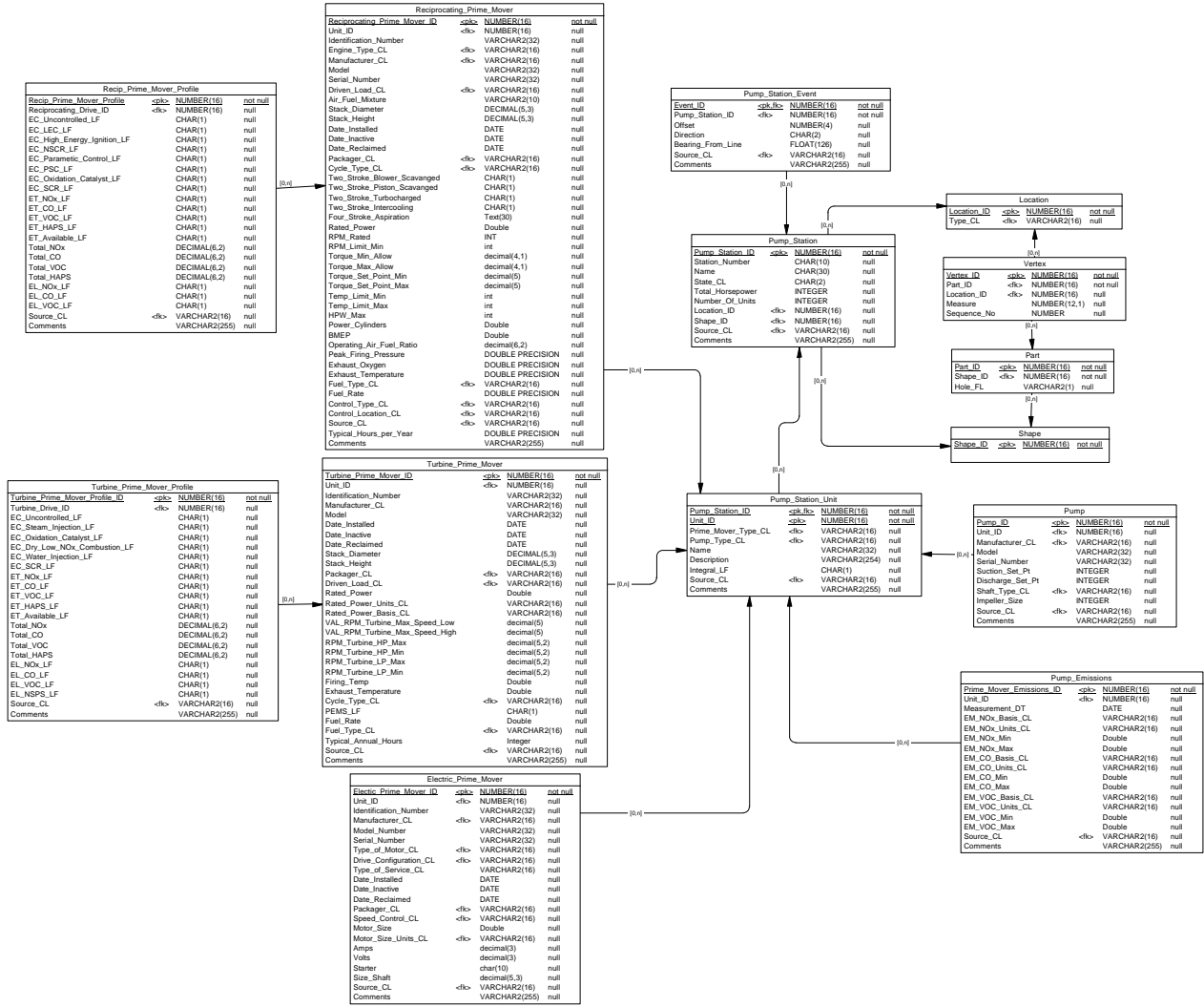
## Pump Station Submodel

### Table List

Name	Code	Label	Num
Electric Prime_Mover	Electric_Prime_Mover	Facility Event	
Location	Location	Coordinate	
Part	Part	Coordinate	
Pump	Pump	Facility Event	
Pump Station	Pump_Station	Facility Event	
Pump_Emissions	Pump_Emissions	Facility Event	
Pump_Station_Event	Pump_Station_Event		
Pump_Station_Unit	Pump_Station_Unit		
Recip_Prime_Mover_Profile	Recip_Prime_Mover_Profile	Facility Event	
Reciprocating Prime Mover	Reciprocating_Prime_Mover	Facility Event	
Shape	Shape	Coordinate	
Turbine Prime Mover	Turbine_Prime_Mover	Facility Event	
Turbine_Prime_Mover_Profile	Turbine_Prime_Mover_Profile	Facility Event	
Vertex	Vertex	Coordinate	

### Submodel Graph

# Pipeline Open Data Standard

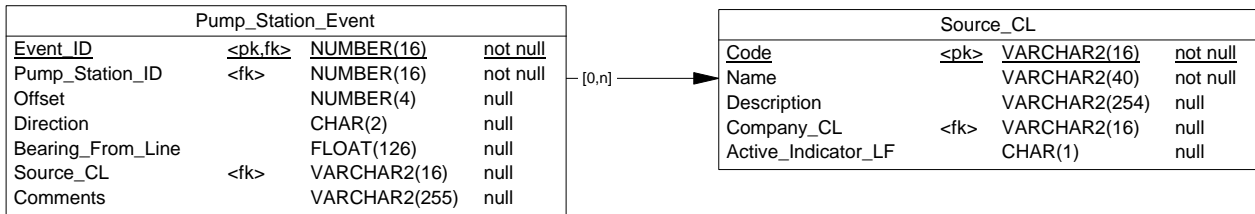


## Pump Station Event Submodel

### Table List

Name	Code	Label	Num
Pump_Station_Event Source	Pump_Station_Event Source_CL	Source	

### Submodel Graph

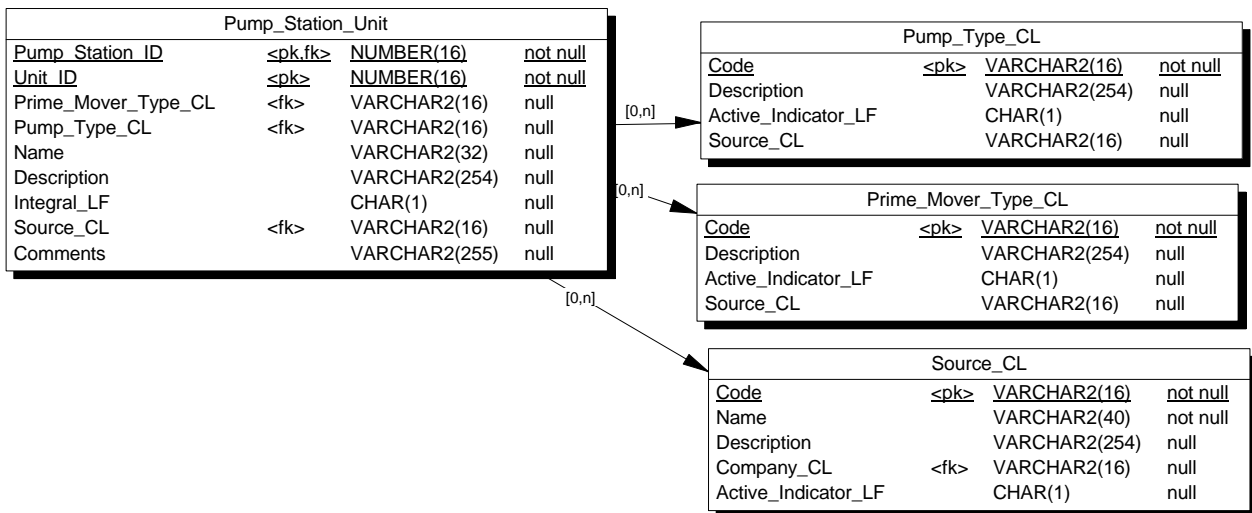


## Pump Station Unit Submodel

### Table List

Name	Code	Label	Num
Prime_Mover_Type_CL	Prime_Mover_Type_CL	Global Code List	
Pump_Station_Unit	Pump_Station_Unit		
Pump_Type_CL	Pump_Type_CL	Global Code List	
Source	Source_CL	Source	

### Submodel Graph

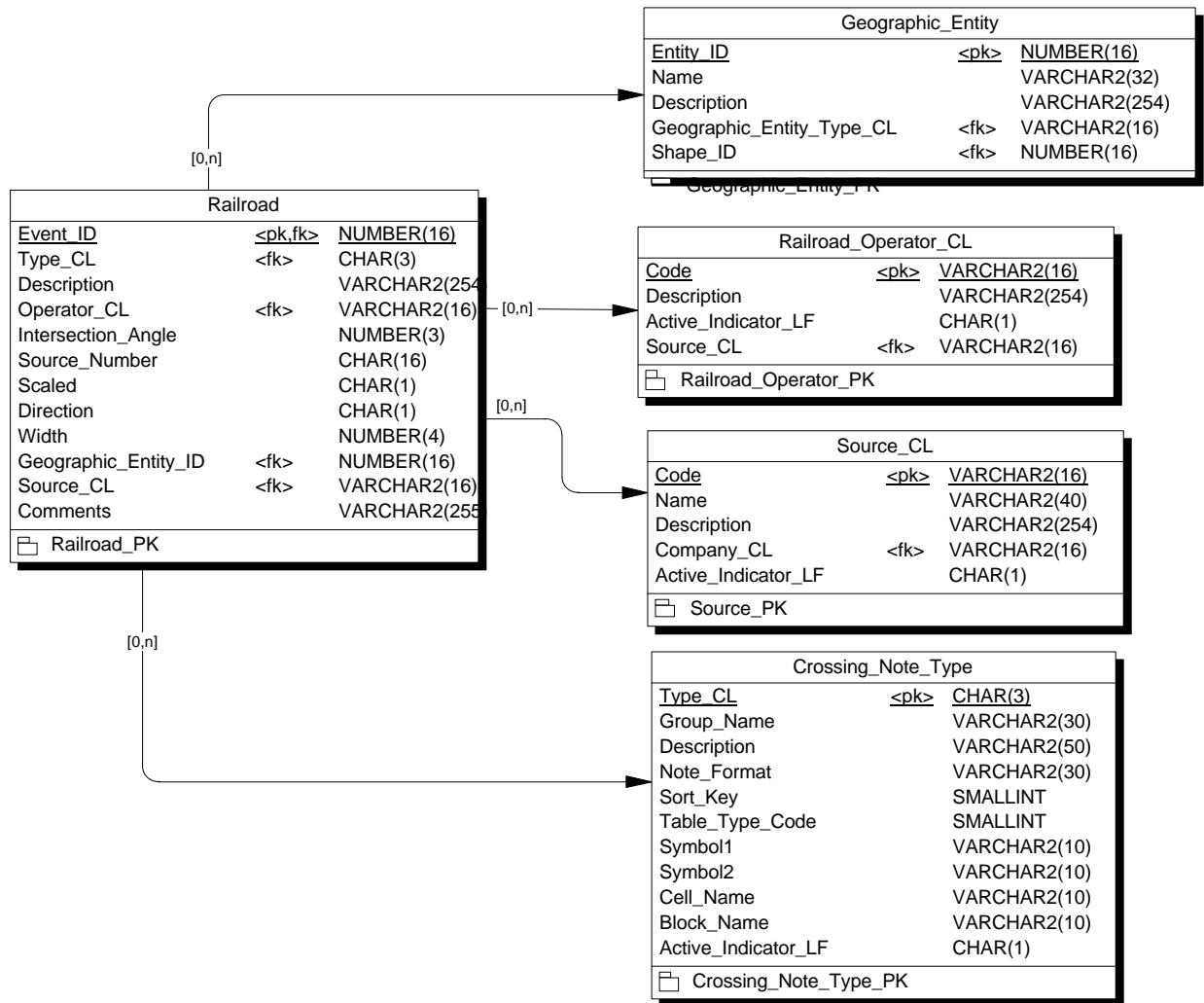


## Railroad Submodel

### Table List

Name	Code	Label	Num
Crossing_Note_Type	Crossing_Note_Type		
Geographic Entity	Geographic_Entity	Geographic Event	
Railroad	Railroad	Geographic Event	
Railroad Operator	Railroad_Operator_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

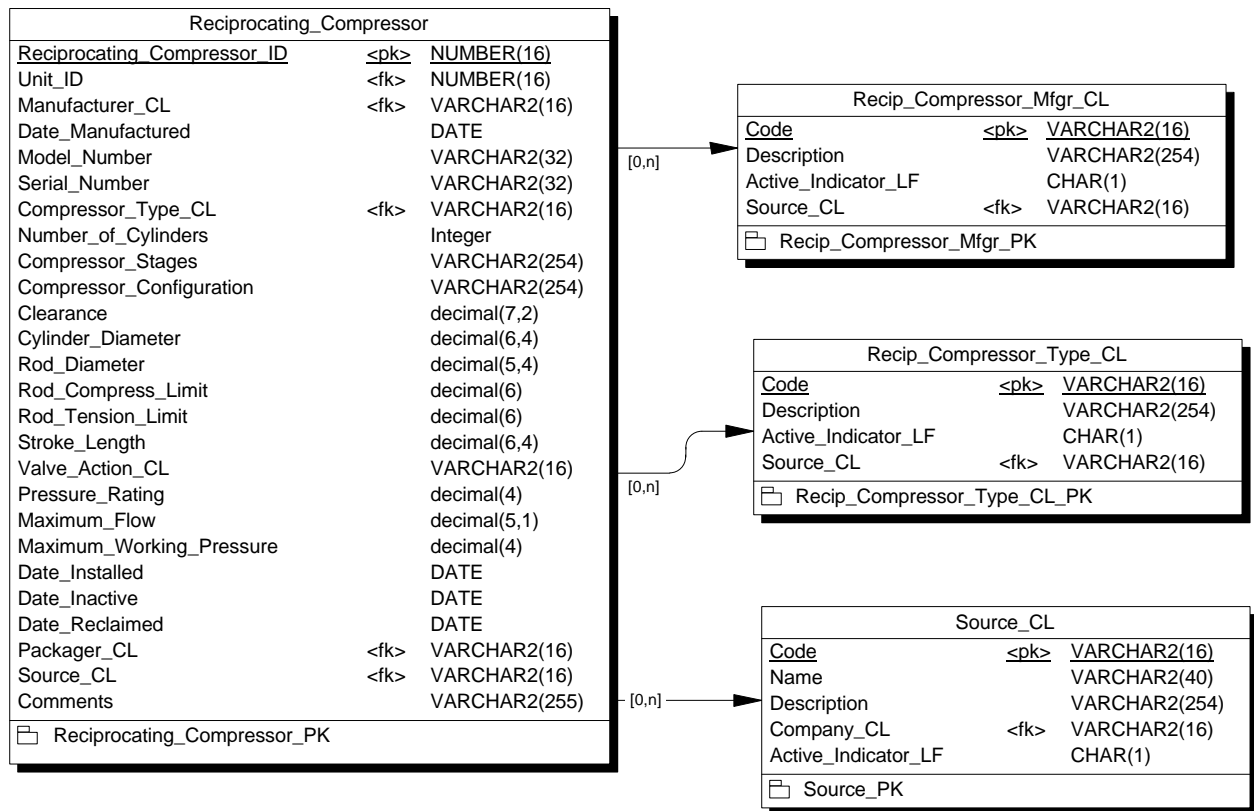


## Reciprocating Compressor Submodel

### Table List

Name	Code	Label	Num
Recip Compressor Mfgr	Recip_Compressor_Mfgr_CL	Code List	
Recip Compressor Type	Recip_Compressor_Type_CL	Code List	
Reciprocating Compressor Source	Reciprocating_Compressor_Source_CL	Facility Event Source	

### Submodel Graph

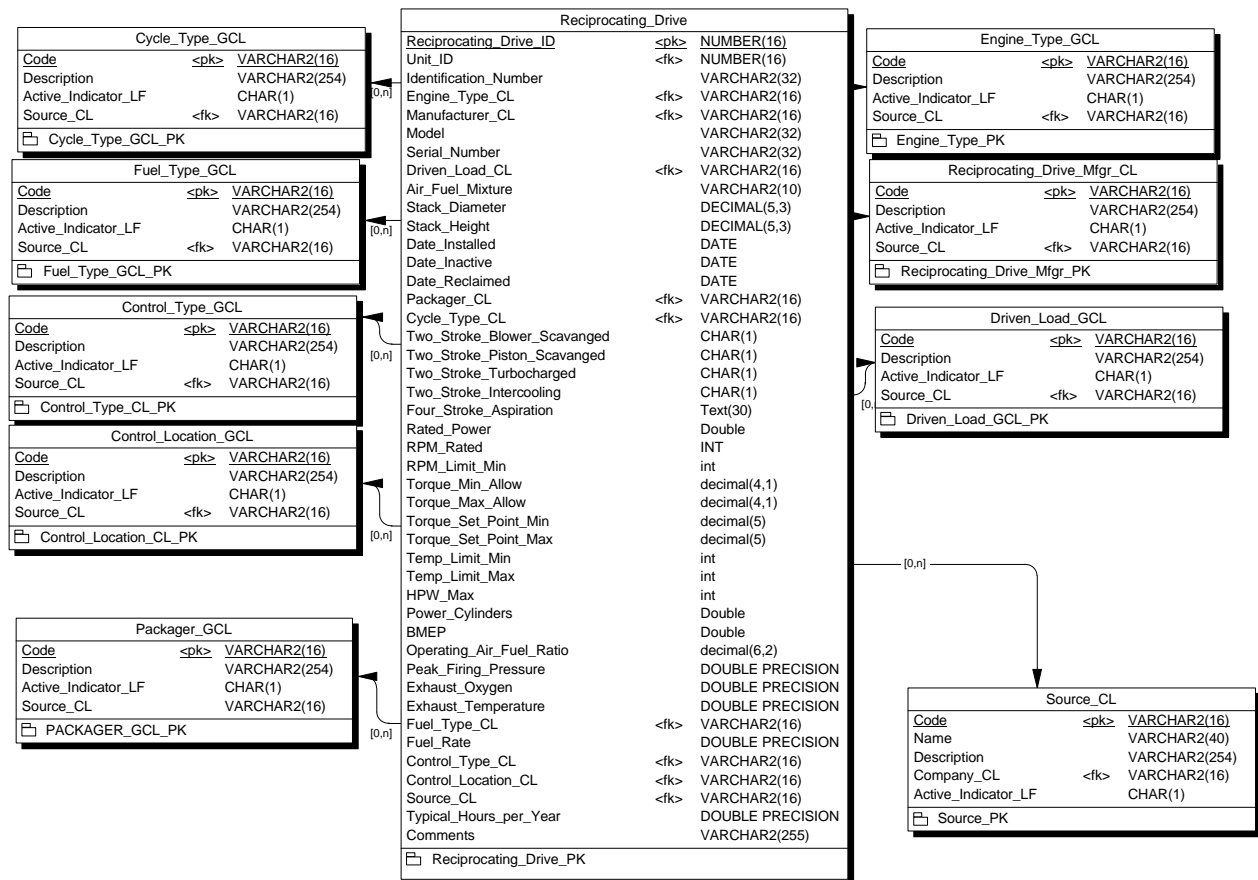


## Reciprocating Drive Submodel

### Table List

Name	Code	Label	Num
Control Location	Control_Location_GCL	Code List	
Control Type	Control_Type_GCL	Code List	
Cycle Type	Cycle_Type_GCL	Global Code List	
Driven Load	Driven_Load_GCL	Global Code List	
Engine Type	Engine_Type_GCL	Code List	
Fuel Type	Fuel_Type_GCL	Global Code List	
Packager_GCL	Packager_GCL	Code List	
Reciprocating Drive	Reciprocating_Drive	Facility Event	
Reciprocating Drive Mfgr	Reciprocating_Drive_Mfgr_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

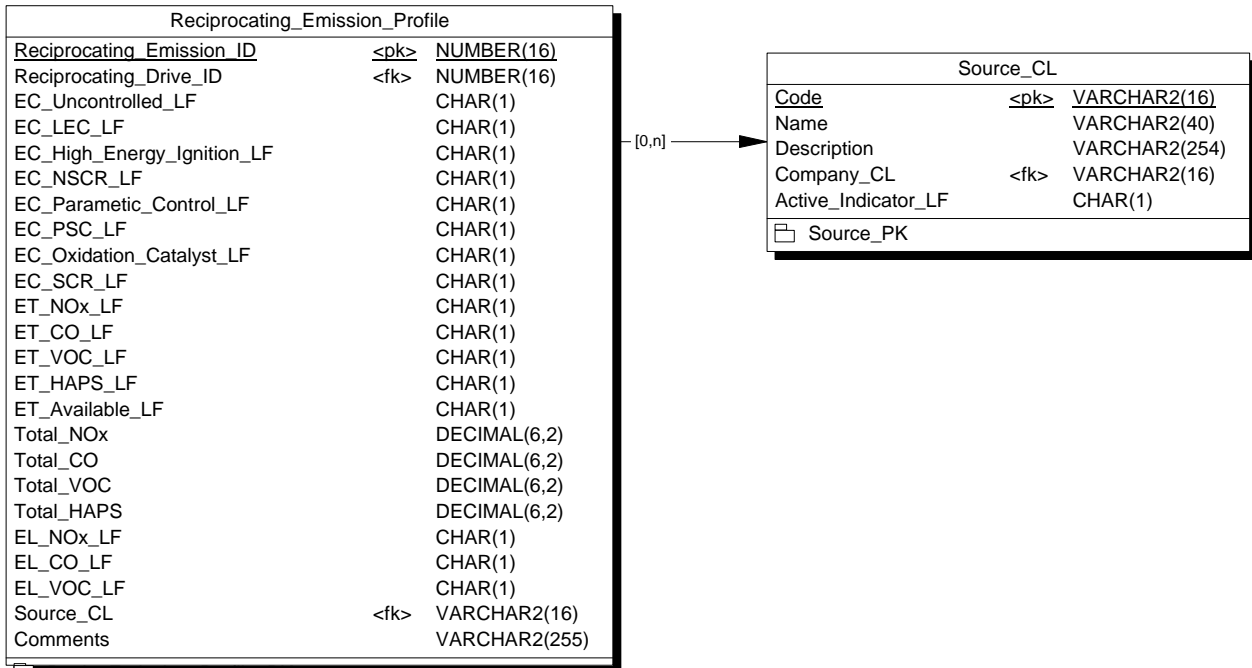


## Reciprocating Emission Profile Submodel

### Table List

Name	Code	Label	Num
Reciprocating Emission Profile Source	Reciprocating_Emission_Profile Source_CL	Facility Event Source	

### Submodel Graph

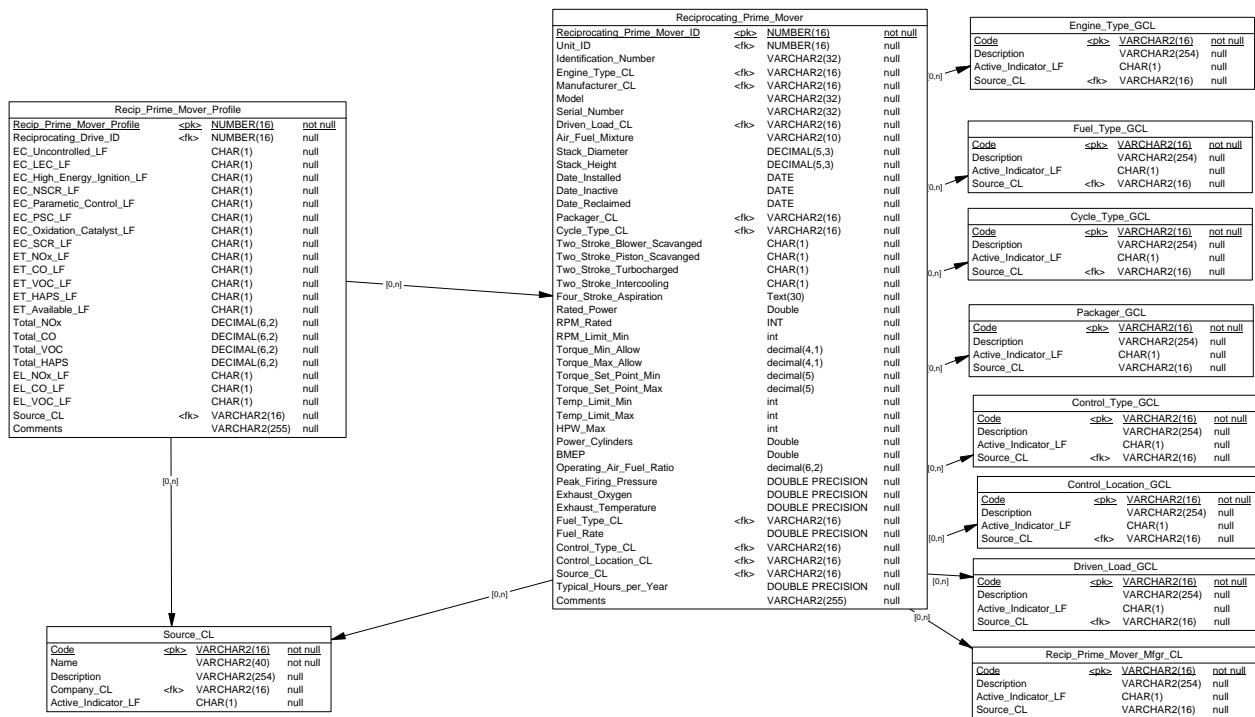


# Reciprocating Prime Mover Submodel

## Table List

Name	Code	Label	Num
Control Location	Control_Location_GCL	Code List	
Control Type	Control_Type_GCL	Code List	
Cycle Type	Cycle_Type_GCL	Global Code List	
Driven Load	Driven_Load_GCL	Global Code List	
Engine Type	Engine_Type_GCL	Code List	
Fuel Type	Fuel_Type_GCL	Global Code List	
Packager_GCL	Packager_GCL	Code List	
Recip_Prime_Mover_Mfgr_CL	Recip_Prime_Mover_Mfgr_CL	Global Code List	
Recip_Prime_Mover_Profile	Recip_Prime_Mover_Profile	Facility Event	
Reciprocating Prime Mover	Reciprocating_Prime_Mover	Facility Event	
Source	Source_CL	Source	

## Submodel Graph

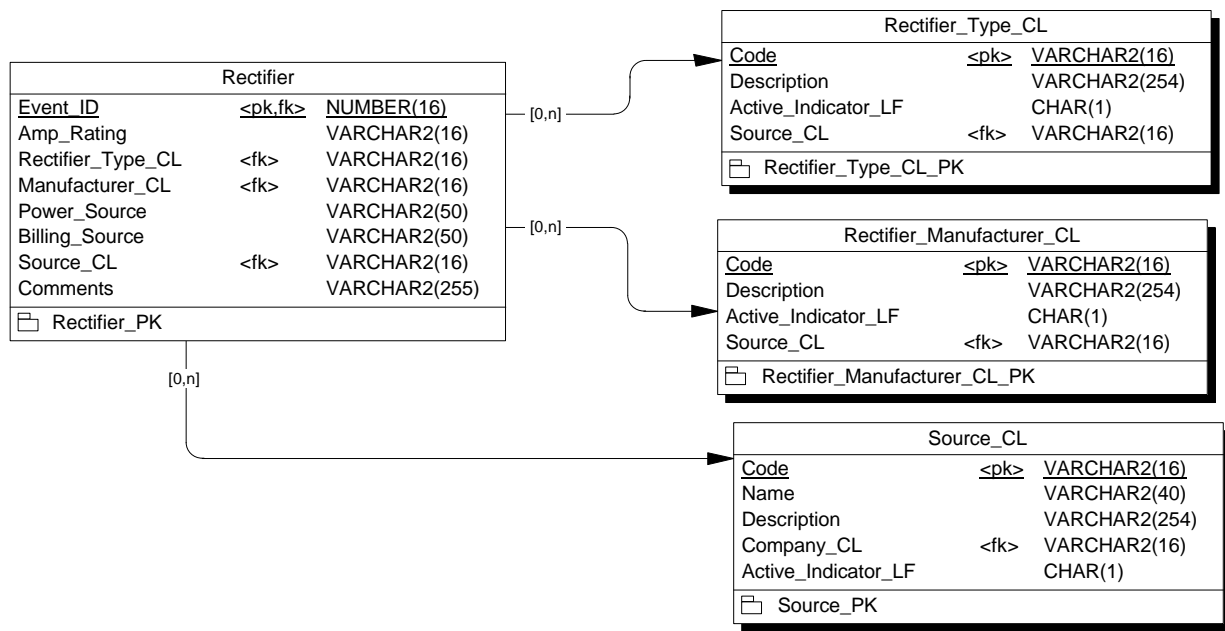


## Rectifier Submodel

### Table List

Name	Code	Label	Num
Rectifier	Rectifier	Facility Event	
Rectifier Manufacturer CL	Rectifier_Manufacturer_CL	Code List	
Rectifier Type	Rectifier_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

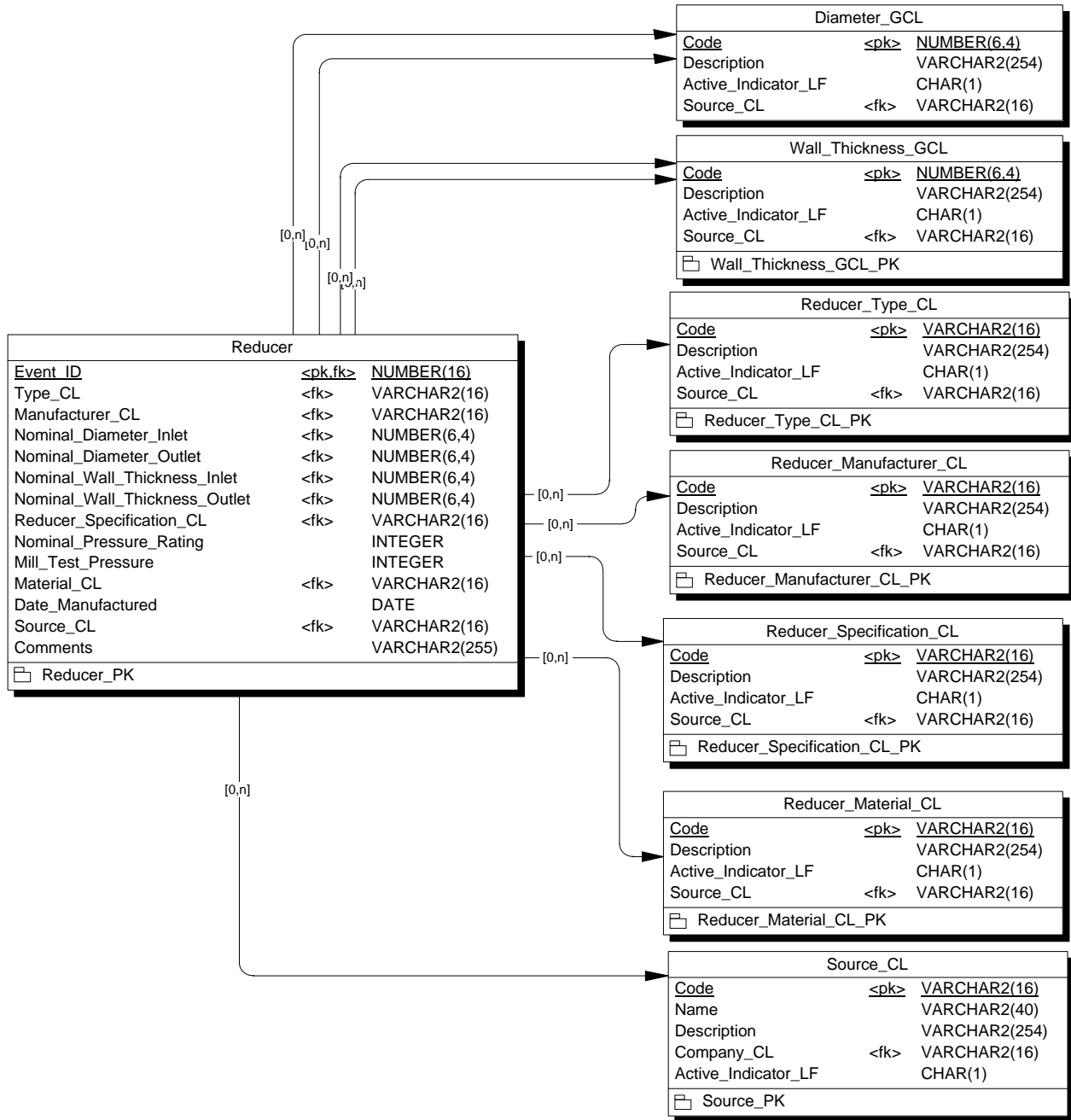


## Reducer Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Reducer	Reducer	Facility Event	
Reducer Material	Reducer_Material_CL	Code List	
Reducer Mfgr	Reducer_Manufacturer_CL	Code List	
Reducer Specification	Reducer_Specification_CL	Code List	
Reducer Type	Reducer_Type_CL	Code List	
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

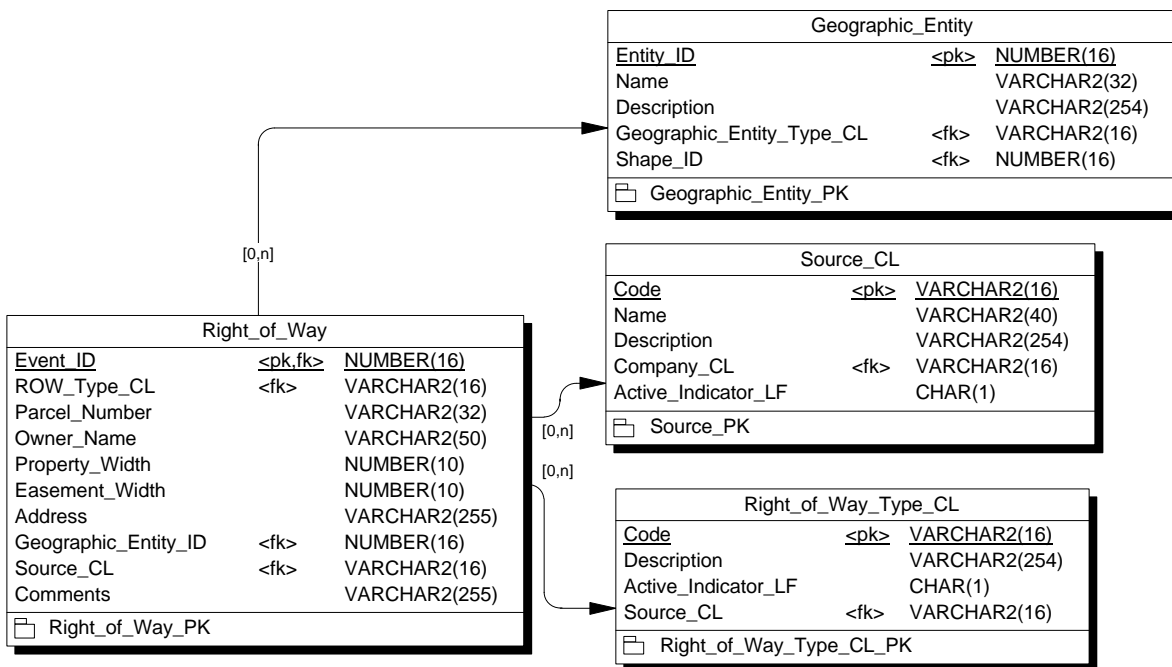


## Right of Way Submodel

### Table List

Name	Code	Label	Num
Geographic Entity	Geographic_Entity	Geographic Event	
Right of Way	Right_of_Way	Geographic Event	
Right_of_Way_Type_CL	Right_of_Way_Type_CL	Code List	
Source	Source_CL	Source	

### Submodel Graph

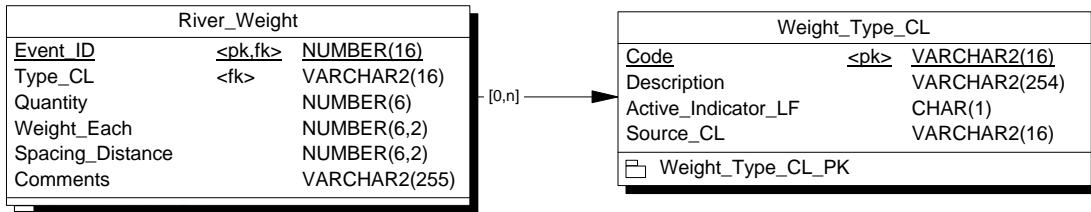


## River Weight Submodel

### Table List

Name	Code	Label	Num
River Weight	River_Weight	Facility Event	
Weight Type	Weight_Type_CL	Code List	

### Submodel Graph

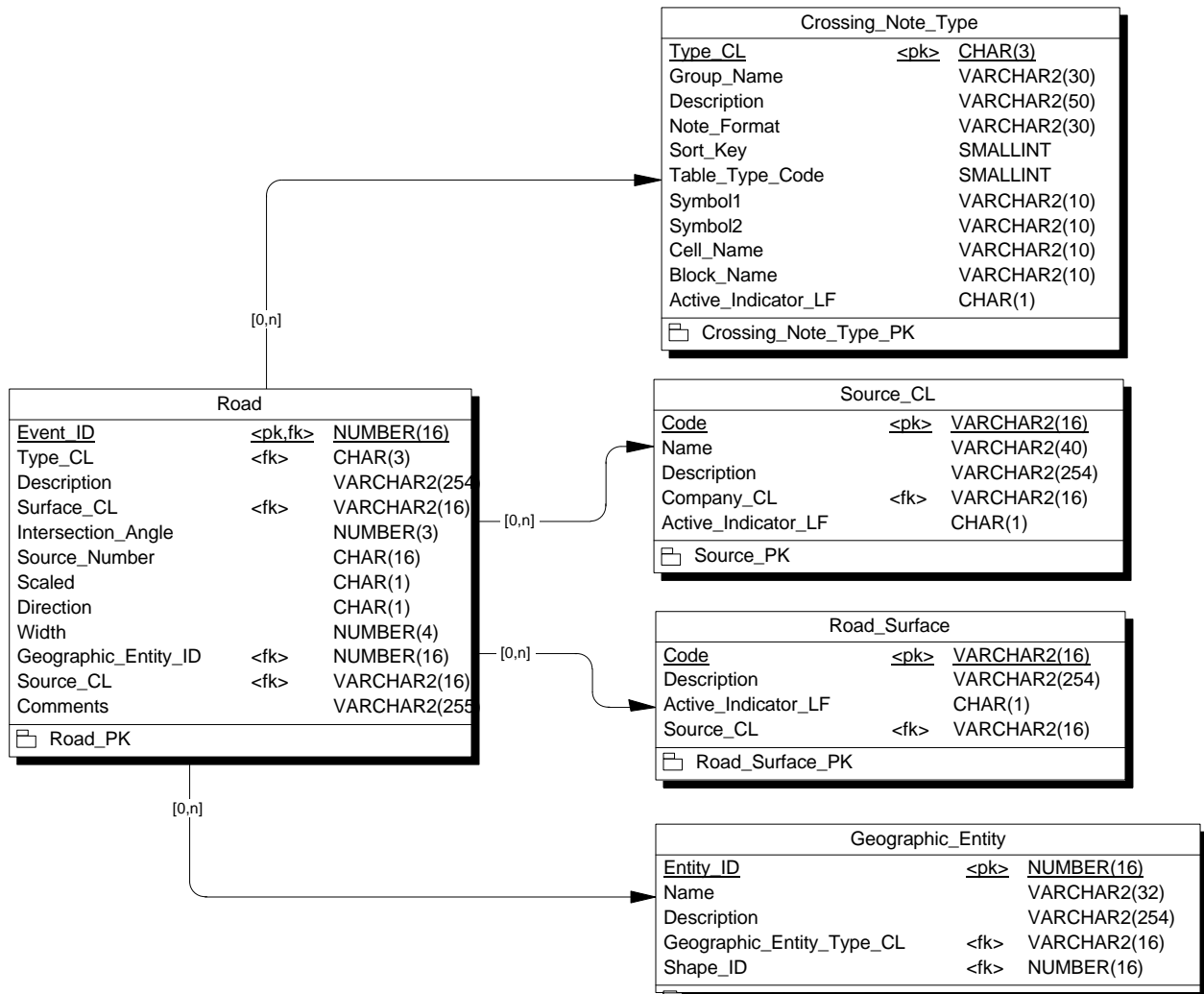


## Road Submodel

### Table List

Name	Code	Label	Num
Crossing_Note_Type	Crossing_Note_Type		
Geographic Entity	Geographic_Entity	Geographic Event	
Road	Road	Geographic Event	
Road Surface	Road_Surface	Code List	
Source	Source_CL	Source	

### Submodel Graph

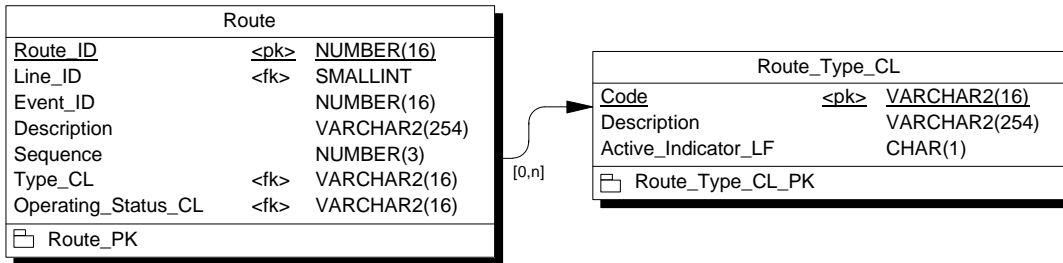


## Route Submodel

### Table List

Name	Code	Label	Num
Route	Route	Stationing	
Route Type	Route_Type_CL	Code List	

### Submodel Graph

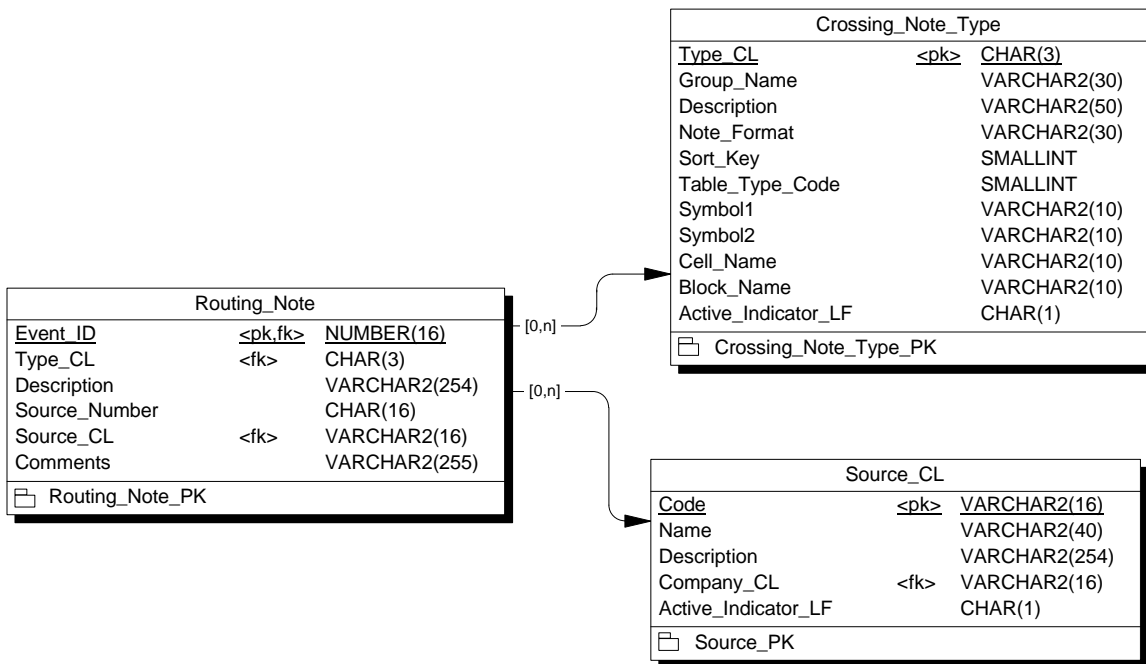


## Routing Note Submodel

### Table List

Name	Code	Label	Num
Crossing_Note_Type	Crossing_Note_Type		
Routing Note	Routing_Note	Geographic Event	7000
Source	Source_CL	Source	

### Submodel Graph

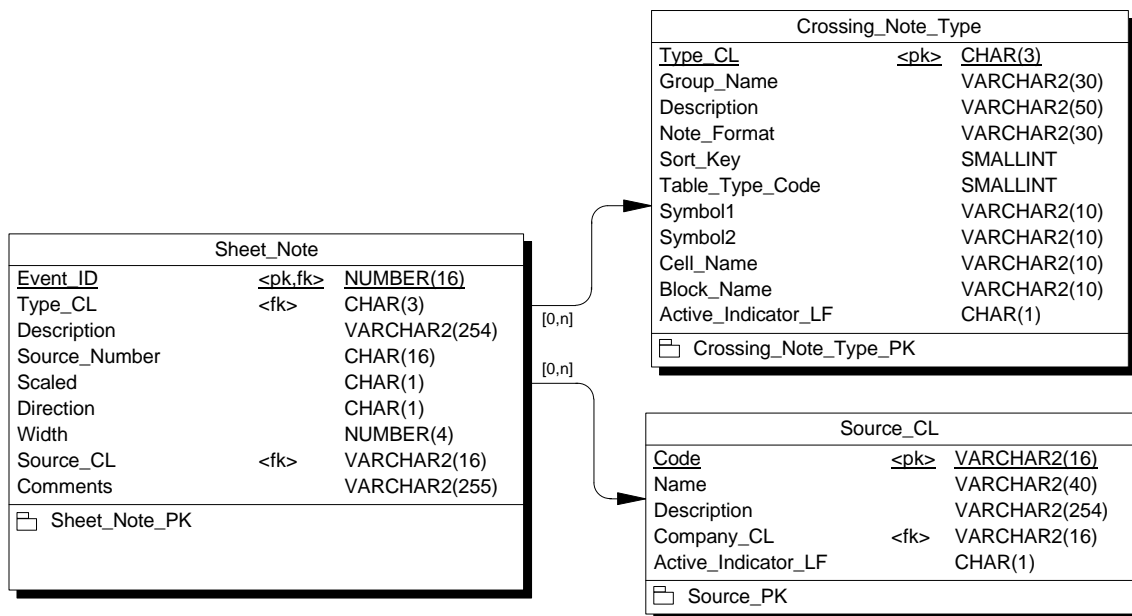


## Sheet Note Submodel

### Table List

Name	Code	Label	Num
Crossing_Note_Type Sheet Note	Crossing_Note_Type Sheet_Note	Geographic Event	1000 0
Source	Source_CL	Source	

### Submodel Graph

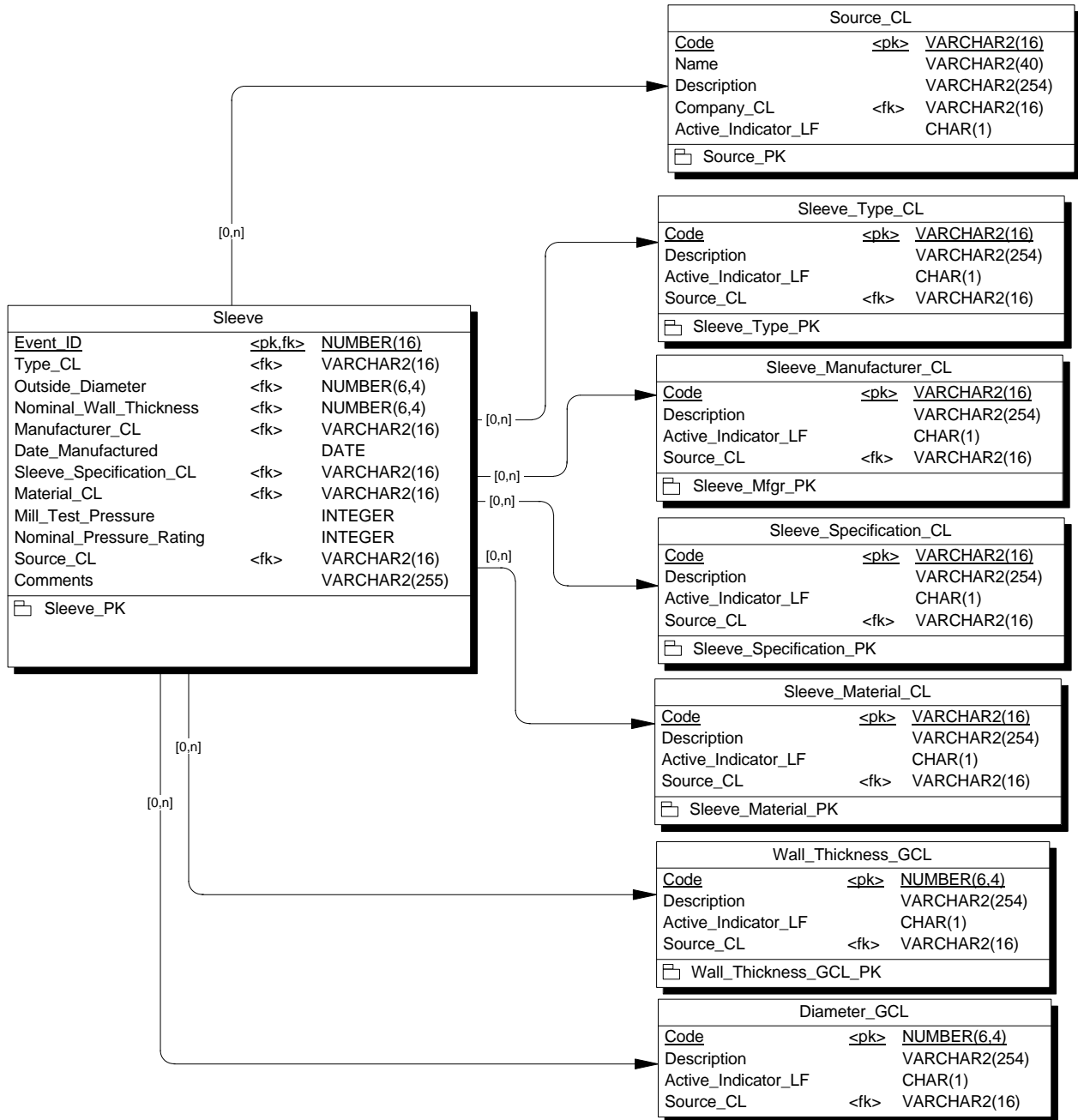


## Sleeve Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Sleeve	Sleeve	Facility Event	
Sleeve Manufacturer	Sleeve_Manufacturer_CL	Code List	
Sleeve Material	Sleeve_Material_CL	Code List	
Sleeve Specification	Sleeve_Specification_CL	Code List	
Sleeve Type	Sleeve_Type_CL	Code List	
Source	Source_CL	Source	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

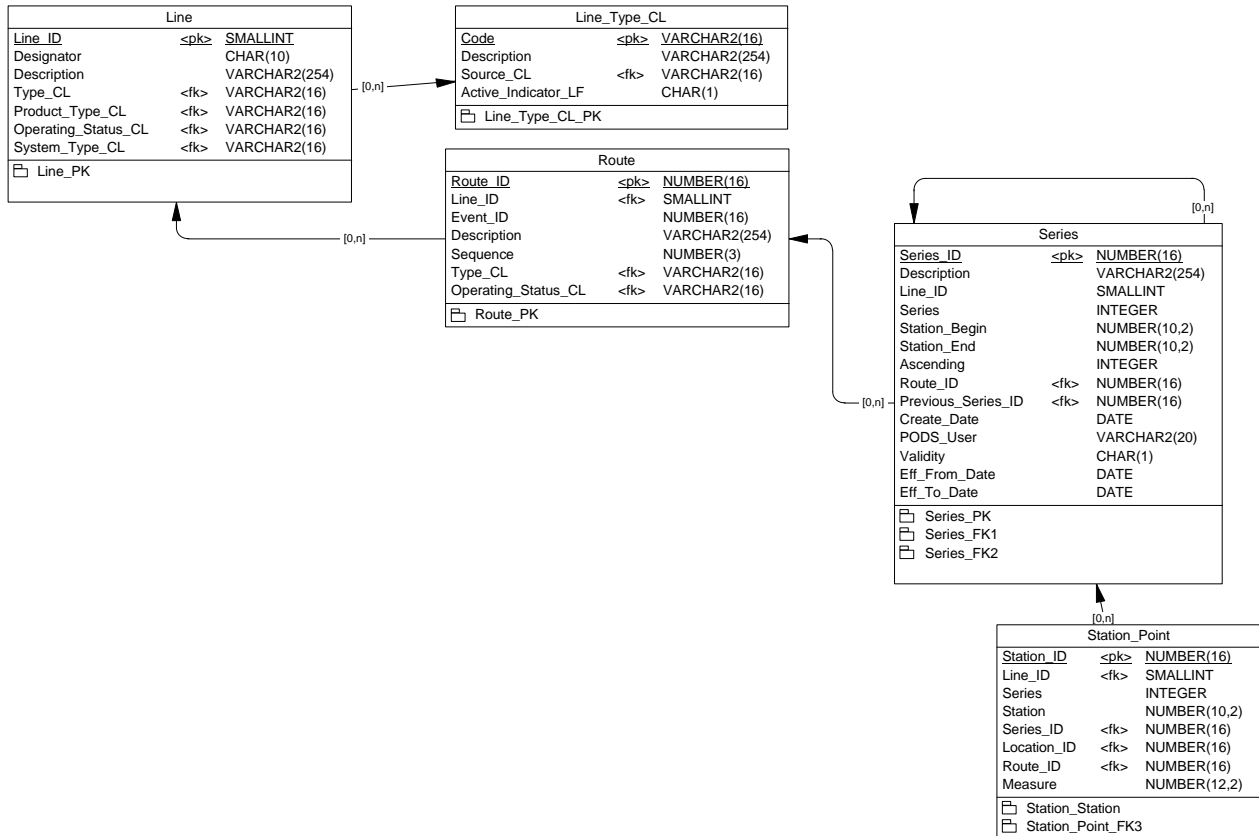


## Stationing Submodel

### Table List

Name	Code	Label	Num
Line	Line	Stationing	
Line Type	Line_Type_CL	Code List	
Route	Route	Stationing	
Series	Series	Stationing	
Station Point	Station_Point	Stationing	

### Submodel Graph

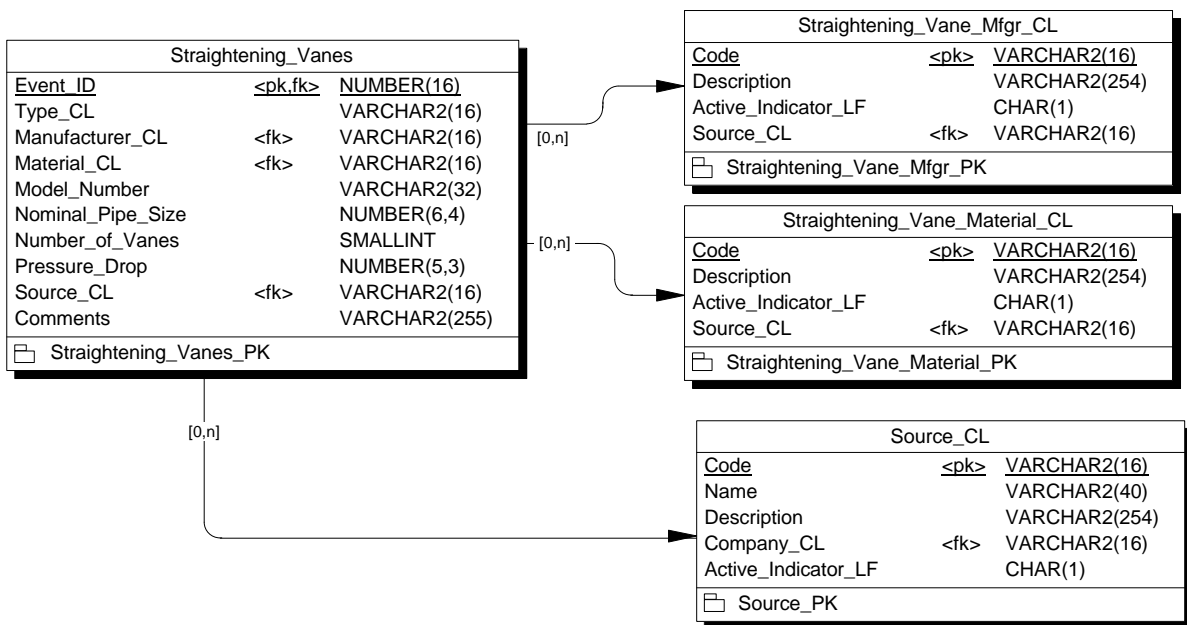


## Straightening Vanes Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Straightening Vane Material	Straightening_Vane_Material_CL	Code List	
Straightening Vane Mfgr	Straightening_Vane_Mfgr_CL	Code List	
Straightening Vanes	Straightening_Vanes	Facility Event	

### Submodel Graph

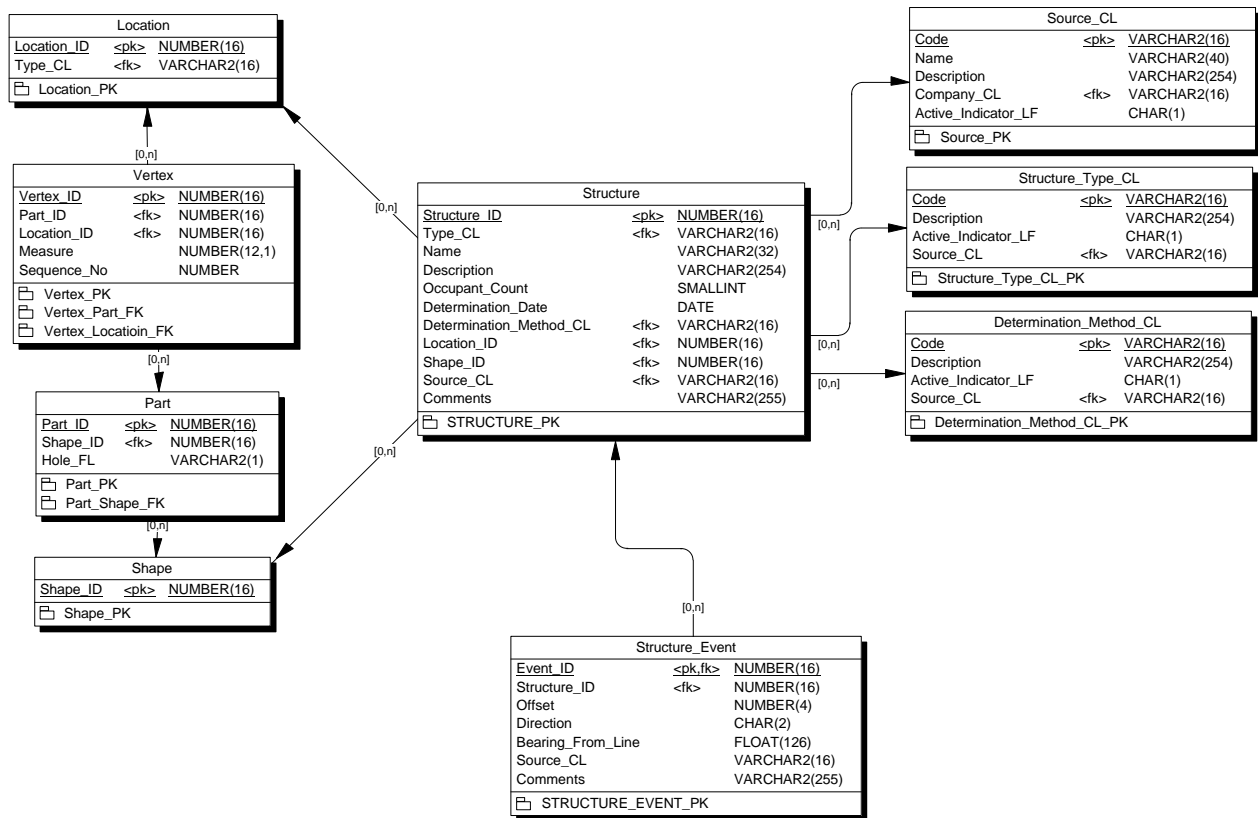


## Structures Submodel

### Table List

Name	Code	Label	Num
Determination Method	Determination_Method_CL	Code List	
Location	Location	Coordinate	
Part	Part	Coordinate	
Shape	Shape	Coordinate	
Source	Source_CL	Source	
Structure	Structure	Compliance Event	
Structure Type	Structure_Type_CL	Code List	
Structure_Event	Structure_Event		
Vertex	Vertex	Coordinate	

### Submodel Graph



## Tap Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Source	Source_CL	Source	
Tap	Tap	Facility Event	
Tap Manufacturer	Tap_Manufacturer_CL	Code List	
Tap Method	Tap_Method_CL	Code List	
Tap Specification	Tap_Specification_CL	Code List	
Tap Type	Tap_Type_CL	Code List	

### Submodel Graph

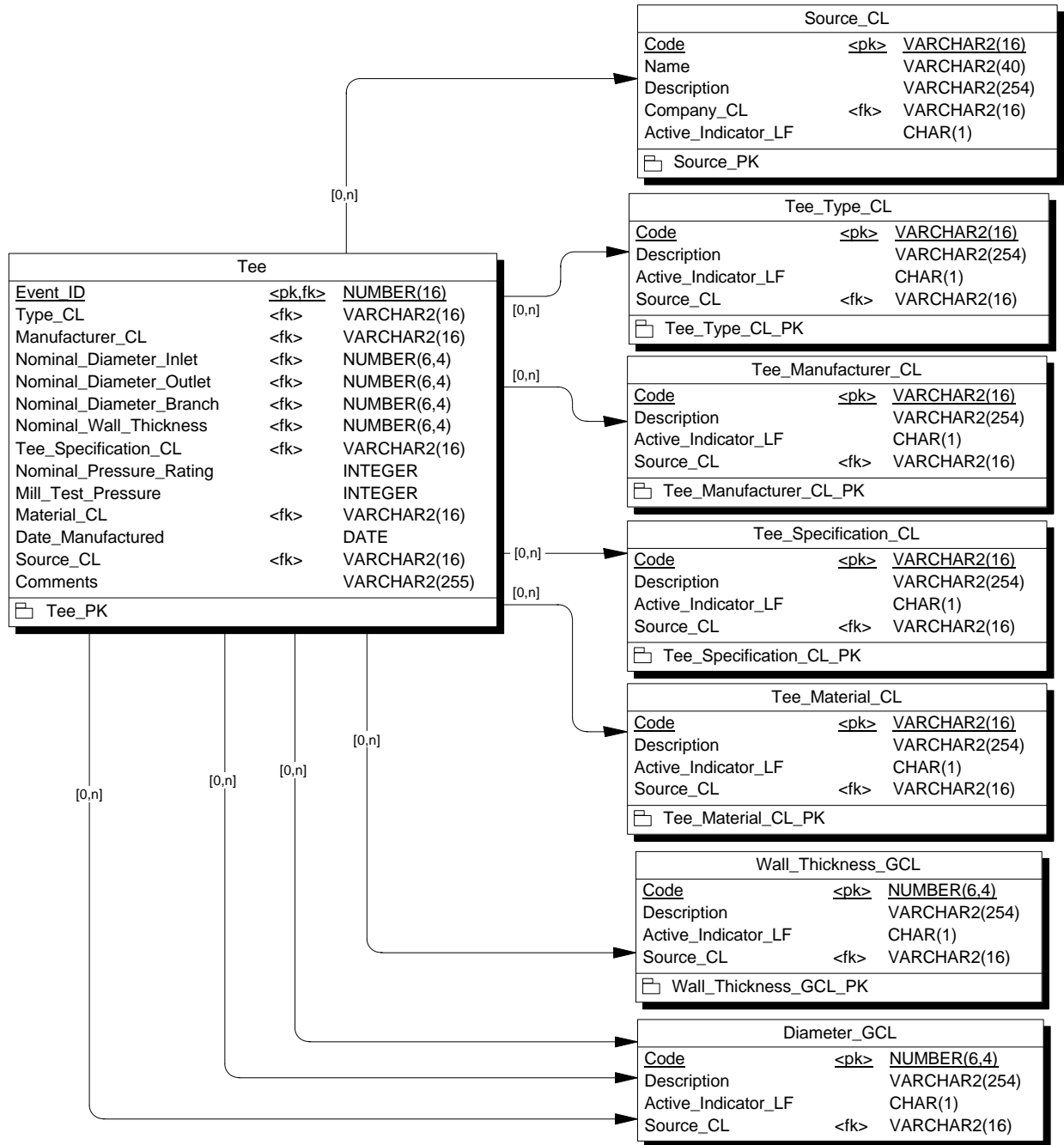


## Tee Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Source	Source_CL	Source	
Tee	Tee	Facility Event	
Tee Manufacturer	Tee_Manufacturer_CL	Code List	
Tee Material	Tee_Material_CL	Code List	
Tee Specification	Tee_Specification_CL	Code List	
Tee Type	Tee_Type_CL	Code List	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

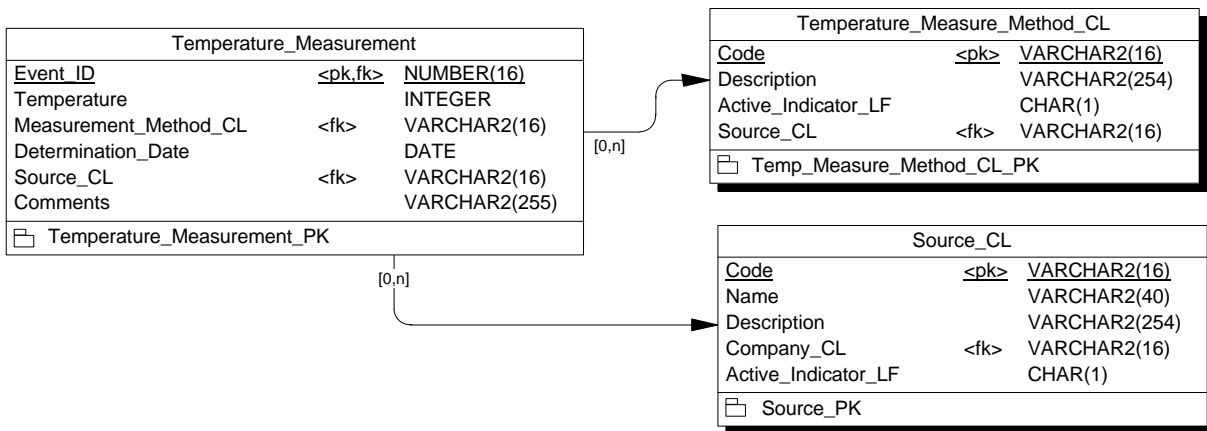


## Temperature Measurement Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Temperature Measure Method	Temperature_Measure_Method_CL	Code List	
Temperature Measurement	Temperature_Measurement	Operating Event	

### Submodel Graph

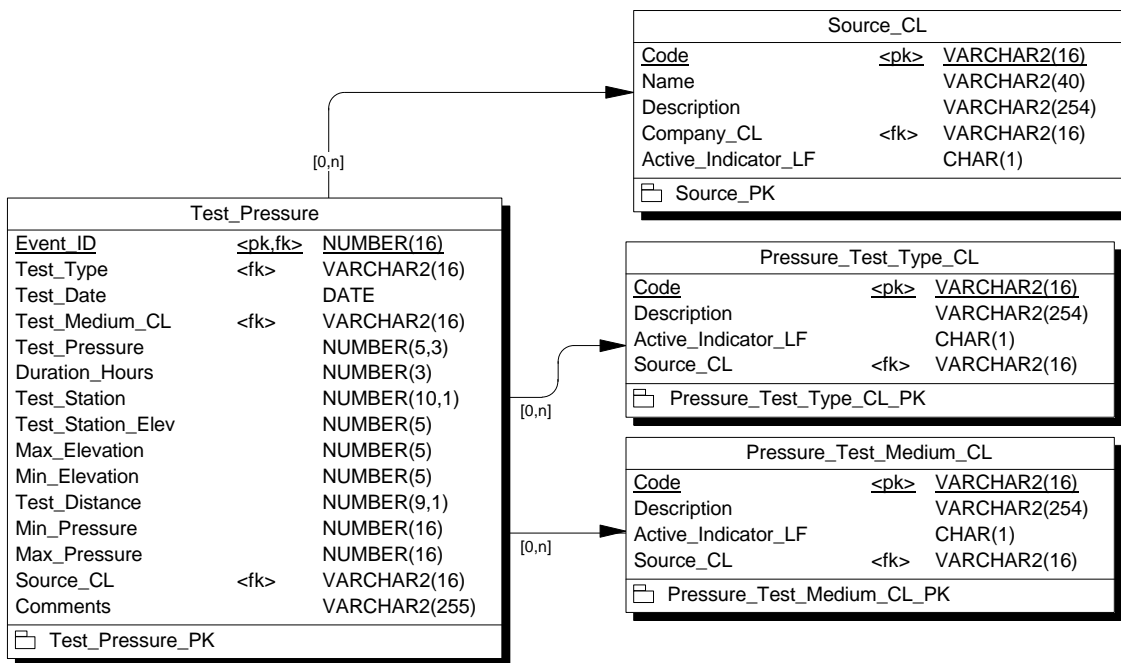


## Test Pressure Submodel

### Table List

Name	Code	Label	Num
Pressure Test Medium	Pressure_Test_Medium_CL	Code List	
Pressure Test Type	Pressure_Test_Type_CL	Code List	
Source	Source_CL	Source	
Test Pressure	Test_Pressure	Compliance Event	

### Submodel Graph

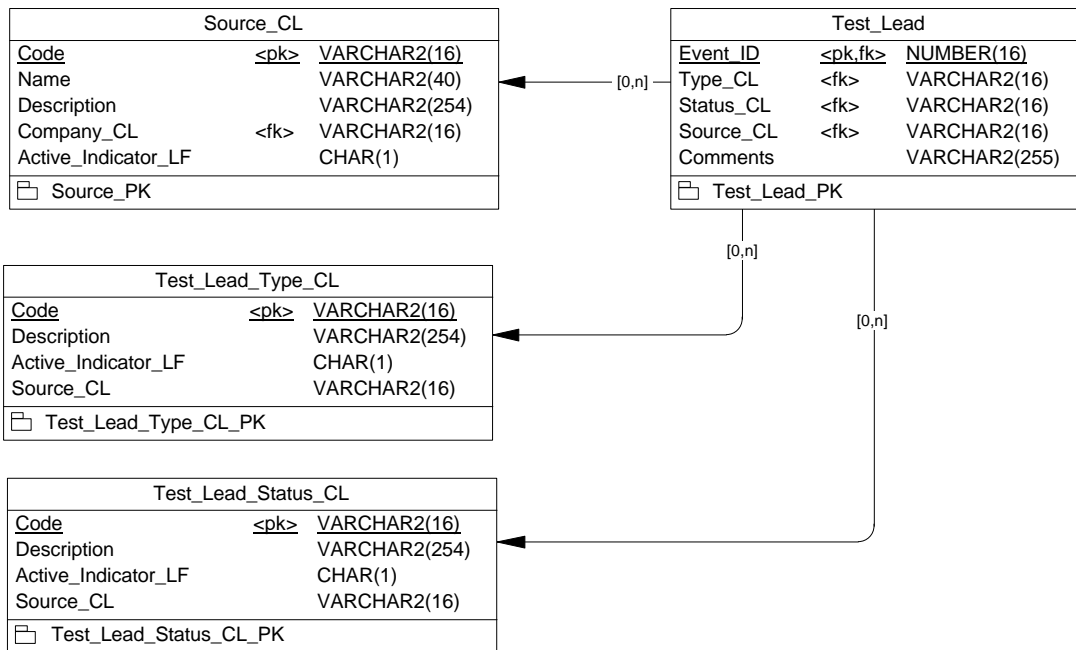


## Test\_Lead Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Test Lead	Test_Lead	Facility Event	
Test_Lead_Status_CL	Test_Lead_Status_CL	Global Code List	
Test_Lead_Type_CL	Test_Lead_Type_CL	Global Code List	

### Submodel Graph

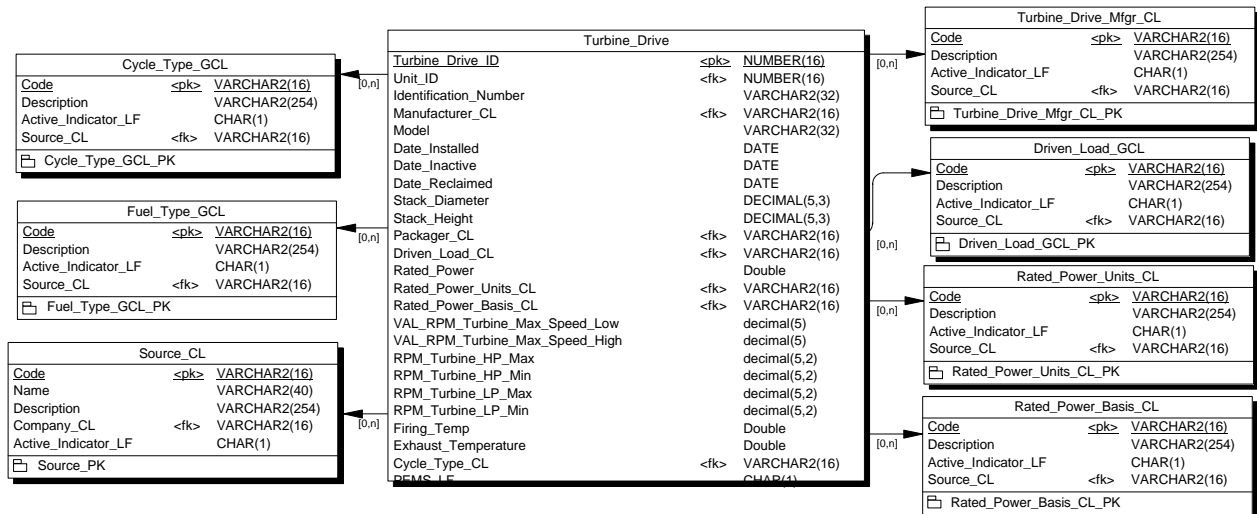


## Turbine Drive Submodel

### Table List

Name	Code	Label	Num
Cycle Type	Cycle_Type_GCL	Global Code List	
Driven Load	Driven_Load_GCL	Global Code List	
Fuel Type	Fuel_Type_GCL	Global Code List	
Rated Power Basis	Rated_Power_Basis_CL	Code List	
Rated Power Units	Rated_Power_Units_CL	Code List	
Source	Source_CL	Source	
Turbine Drive	Turbine_Drive	Facility Event	
Turbine Drive Mfgr	Turbine_Drive_Mfgr_CL	Code List	

### Submodel Graph

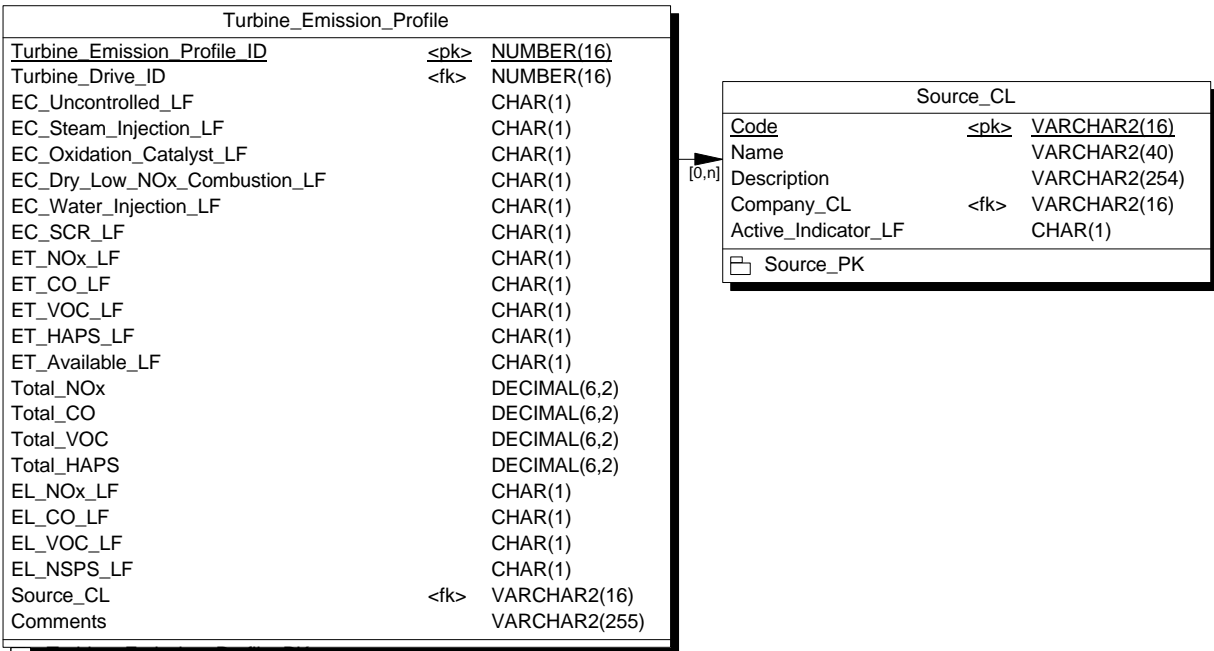


## Turbine Emission Profile Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Turbine Emission Profile	Turbine_Emission_Profile	Facility Event	

### Submodel Graph

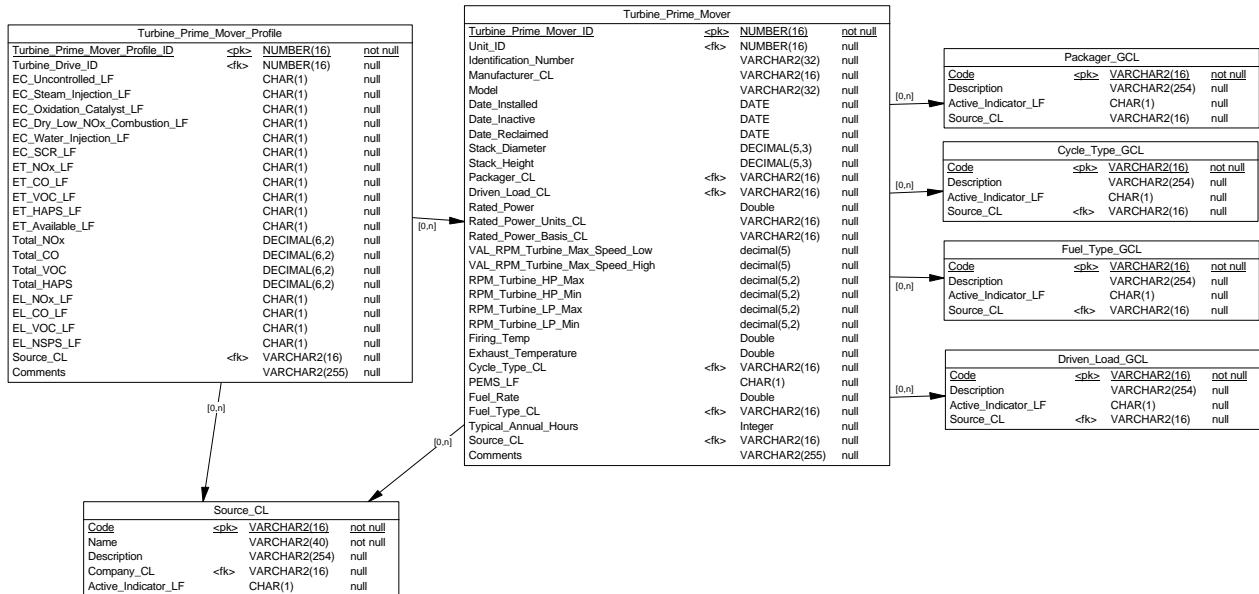


# Turbine Prime Mover Submodel

## Table List

Name	Code	Label	Num
Cycle Type	Cycle_Type_GCL	Global Code List	
Driven Load	Driven_Load_GCL	Global Code List	
Fuel Type	Fuel_Type_GCL	Global Code List	
Packager_GCL	Packager_GCL	Code List	
Source	Source_CL	Source	
Turbine Prime Mover	Turbine_Prime_Mover	Facility Event	
Turbine_Prime_Mover_Profile	Turbine_Prime_Mover_Profile	Facility Event	

## Submodel Graph

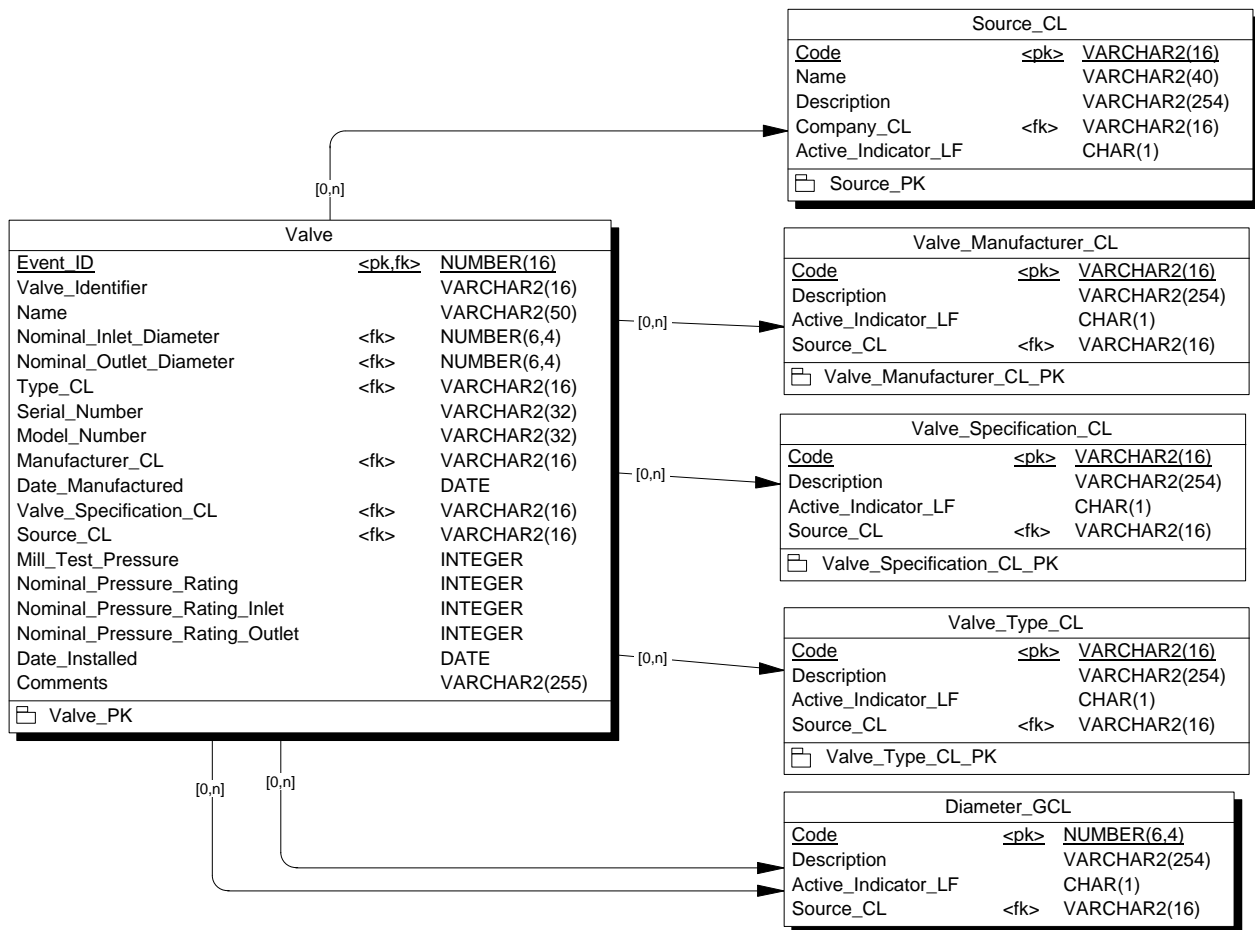


## Valve Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Source	Source_CL	Source	
Valve	Valve	Facility Event	
Valve Manufacturer	Valve_Manufacturer_CL	Code List	
Valve Specification	Valve_Specification_CL	Code List	
Valve Type	Valve_Type_CL	Code List	

### Submodel Graph

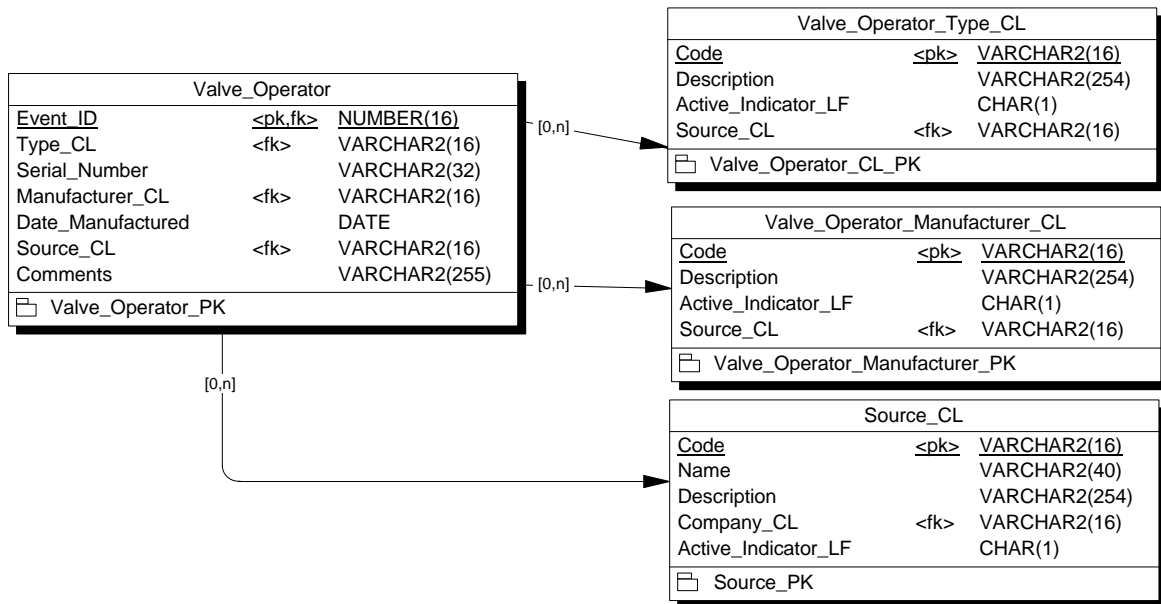


## Valve Operator Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Valve Operator	Valve_Operator	Facility Event	
Valve Operator Manufacturer	Valve_Operator_Manufacturer_C	Code List	
Valve Operator Type	Valve_Operator_Type_CL	Code List	

### Submodel Graph

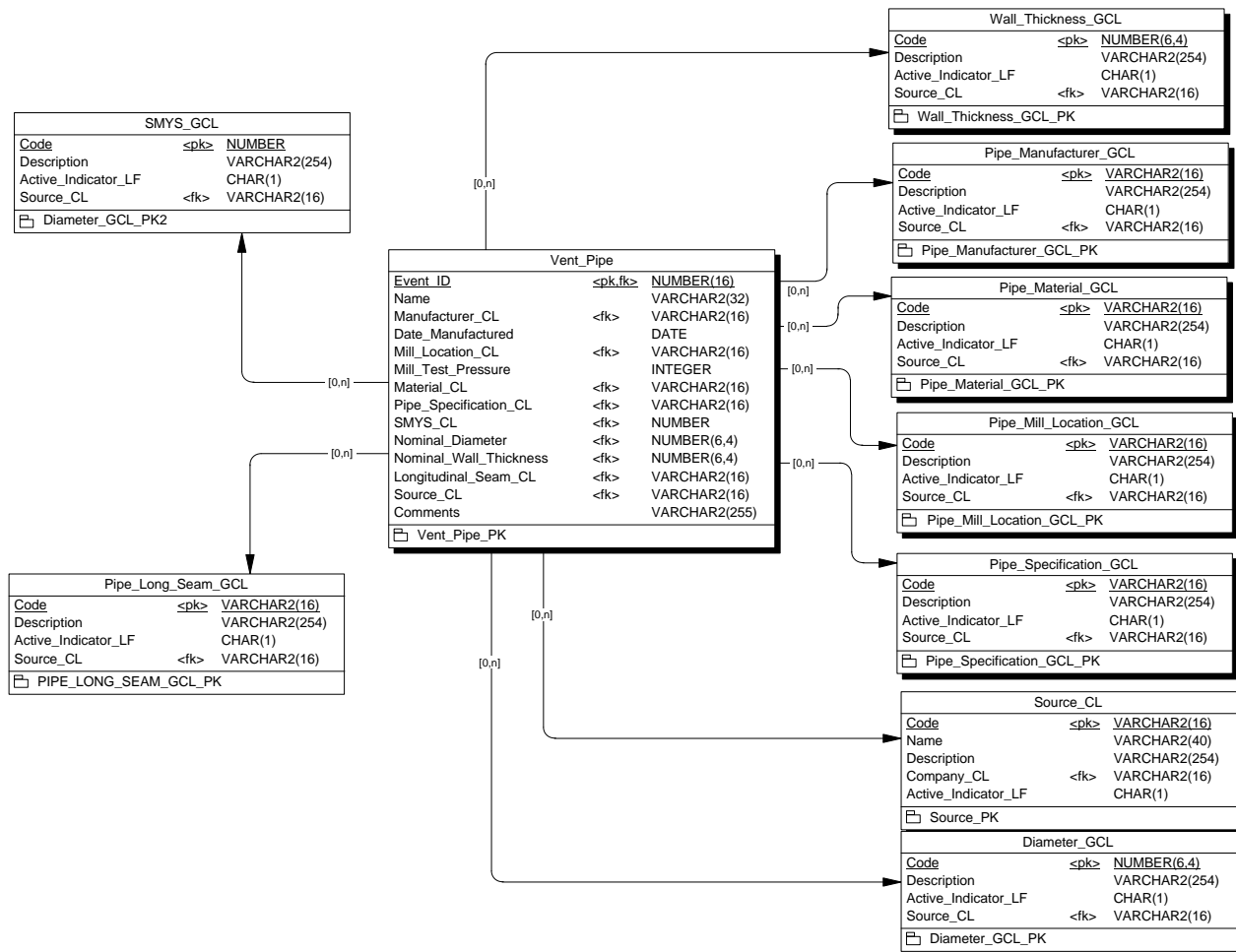


## Vent Pipe Submodel

### Table List

Name	Code	Label	Num
Diameter_GCL	Diameter_GCL		
Pipe Manufacturer	Pipe_Manufacturer_GCL	Global Code List	
Pipe Material	Pipe_Material_GCL	Global Code List	
Pipe Mill Location	Pipe_Mill_Location_GCL	Global Code List	
Pipe Specification	Pipe_Specification_GCL	Global Code List	
Pipe_Long_Seam_GCL	Pipe_Long_Seam_GCL	Global Code List	
SMYS_GCL	SMYS_GCL		
Source	Source_CL	Source	
Vent Pipe	Vent_Pipe	Facility Event	
Wall_Thickness_GCL	Wall_Thickness_GCL		

### Submodel Graph

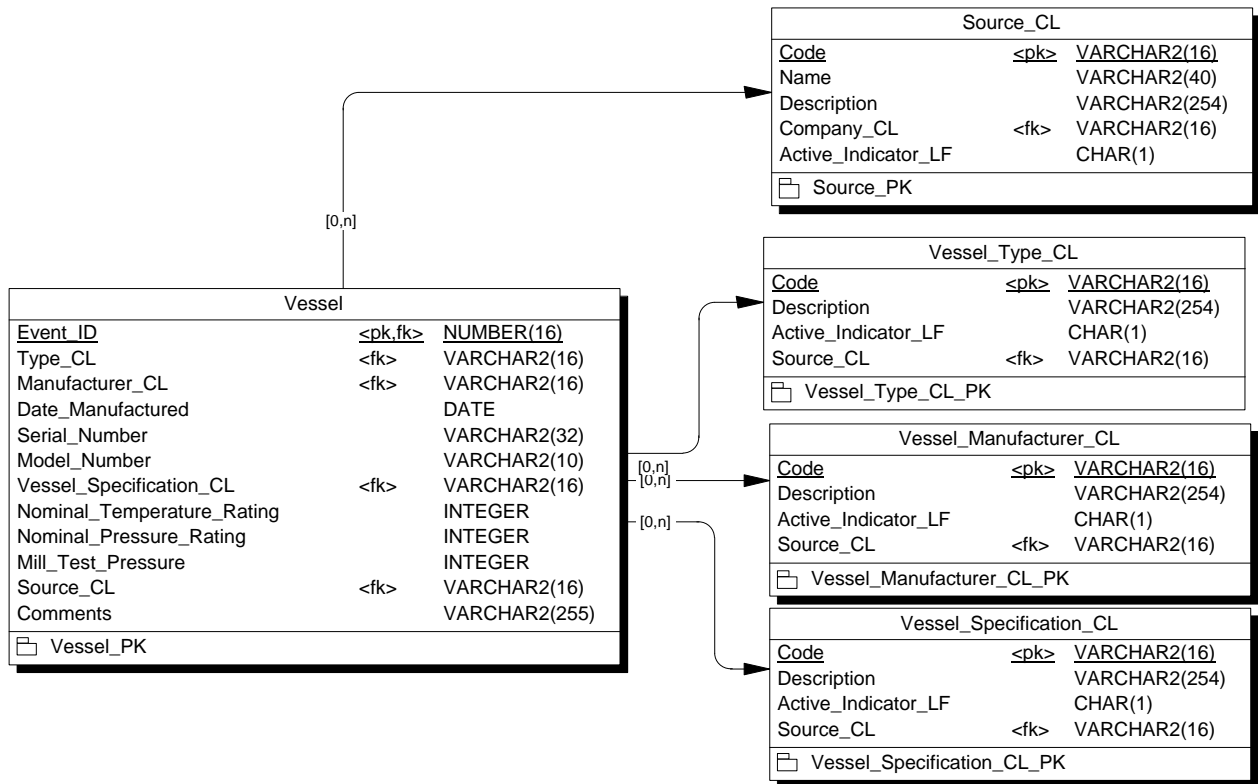


## Vessel Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Vessel	Vessel	Facility Event	
Vessel Manufacturer	Vessel_Manufacturer_CL	Code List	
Vessel Specification	Vessel_Specification_CL	Code List	
Vessel Type	Vessel_Type_CL	Code List	

### Submodel Graph

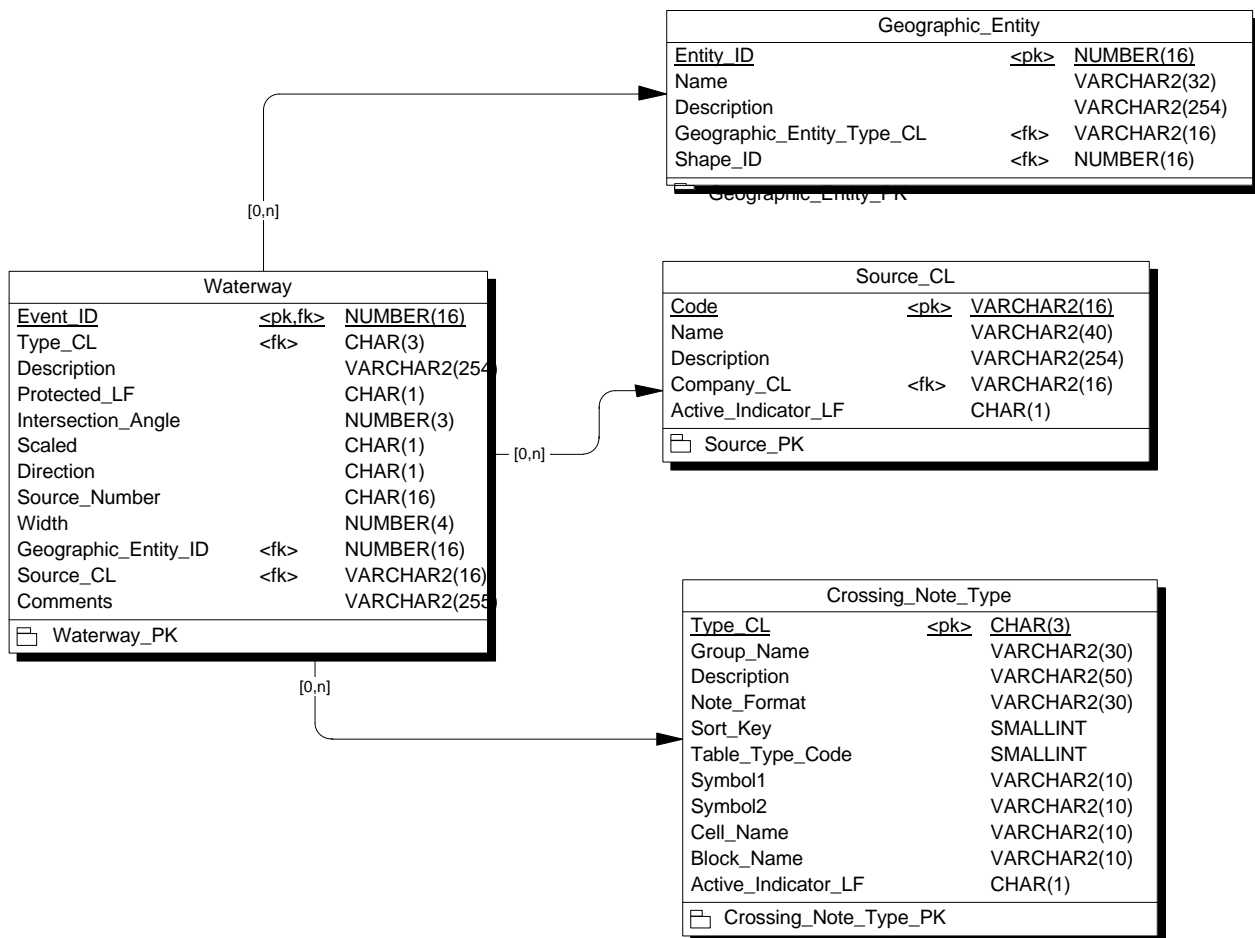


## Waterway Submodel

### Table List

Name	Code	Label	Num
Crossing_Note_Type	Crossing_Note_Type		
Geographic Entity	Geographic_Entity	Geographic Event	
Source	Source_CL	Source	
Waterway	Waterway	Geographic Event	

### Submodel Graph



## Work Order Submodel

### Table List

Name	Code	Label	Num
Source	Source_CL	Source	
Work Order	Work_Order	Work History Event	
Work_Order_Type_CL	Work_Order_Type_CL		

### Submodel Graph

