Pipeline Open Data Standard

PODS 5.1 Final Release

Physical Data Model

Physical Data Model
Model: PODS_5_1
Package:
Diagram: PODS
Author: PODS Association, Inc. Date: 7/11/2011
Version: Release 5.1 Final

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Stationed Centerline

Line

Line_GUID	CHAR(38)	<pk>	not null
Designator	VARCHAR(50)		not null
Description	VARCHAR(254)		null
Type_CC	VARCHAR(16)	<fk1>	not null
System_Type_CL	VARCHAR(16)	<fk2>	not null

Line_Hierarchy

Line_Hierarchy_GUID	CHAR(38)	<pk>	not null
Parent_Line_GUID	CHAR(38)	<fk1>	null
Child_Line_GUID	CHAR(38)	<fk2>	null
Hierarchy_Level_CL	VARCHAR(16)	<fk3>	null

Route

Route_GUID	CHAR(38)	<pk>	not null
Line_GUID	CHAR(38)	<fk1>	not null
Event_GUID	CHAR(38)		null
Description	VARCHAR(254)		null
Type_CC	VARCHAR(16)	<fk2>	not null
Current_Indicator_LF	CHAR(1)		not null
Previous_Route_GUID	CHAR(38)	<fk3>	null
Effective_From_Date	DATE		not null
Effective_To_Date	DATE		null
Original_Route_GUID	CHAR(38)		null
PODS_User	VARCHAR(30)		null
Create_Date	DATE		not null

Transform

Transform_GUID	CHAR(38)	<pk>	not null
Description	VARCHAR(254)		null

Network

Network_GUID	CHAR(38)	<pk>	not null
Description	VARCHAR(254)		null

Measure_Transform

Meas_Trans_GUID	CHAR(38)	<pk>	not null
Series_GUID	CHAR(38)	<fk1>	not null
Transform_Begin_Station	NUMBER(10,2)		null
Transform_End_Station	NUMBER(10,2)		null
Alt_Measure_Prefix	VARCHAR(16)		null
Scale_Factor	NUMBER(10,2)		null
Offset	NUMBER(10,2)		null
Transform_GUID	CHAR(38)	<fk1>	null

Network_Junction

Junction_GUID	CHAR(38)	<pk>	not null
Junction_Desc	VARCHAR(255)		null
Network_GUID	CHAR(38)	<fk>	not null

Network_Segment

Event_GUID	CHAR(38)	<pk,fk1>	not null
From_Junction_GUID	CHAR(38)	<fk2>	null
To_Junction_GUID	CHAR(38)	<fk3>	null
Description	VARCHAR(50)		null
Comments	VARCHAR(255)		

Series

Series_GUID	CHAR(38)	<pk>	not null
Description	VARCHAR(254)		null
Series	NUMBER(18)		not null
Station_Begin	NUMBER(10,2)		not null
Station_End	NUMBER(10,2)		not null
Ascending	NUMBER(2)		null
Route_GUID	CHAR(38)	<fk1>	not null
Previous_Series_GUID	CHAR(38)		null
Original_Series_GUID	CHAR(38)		null
Current_Indicator_LF	CHAR(1)		not null
Effective_From_Date	DATE		not null
Effective_To_Date	DATE		null
PODS_User	VARCHAR(30)		null
Create_Date	DATE		not null

Alignment_Sheet

Alignment_Sheet_GUID	CHAR(38)	<pk>	not null
Scale	NUMBER(8)		null
Application_CL	VARCHAR(16)	<fk1>	null
Name	VARCHAR(50)		null
Checked_By	VARCHAR(50)		null
Checked_Date	DATE		null
Approved_By	VARCHAR(50)		null
Approved_Date	DATE		null
Status_CL	VARCHAR(16)	<fk4>	null
Page_Size_CL	VARCHAR(16)	<fk5>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null

Alignment_Sheet_Cross_Ref

Alignment_Sheet_GUID	CHAR(38)	<pk,fk1>	not null
Event_GUID	CHAR(38)	<pk,fk2>	not null
Comments	VARCHAR(255)		null

Event_Group

Event_Group_GUID	CHAR(38)	<pk>	not null
Group_Name	VARCHAR(254)		null
Parent_Event_Group_GUID	CHAR(38)	<fk>	null

Event_Group_Cross_Ref

Event_GUID	CHAR(38)	<pk,fk1>	not null
Event_Group_GUID	CHAR(38)	<pk,fk2>	not null
Description	VARCHAR(254)		null
Comments	VARCHAR(255)		null

Location

Location_GUID	CHAR(38)	<pk>	not null

Station_Point

Station_GUID	CHAR(38)	<pk>	not null
Station	NUMBER(10,2)		not null
Series_GUID	CHAR(38)	<fk1>	not null
Location_GUID	CHAR(38)	<fk2>	not null
Back_Ahead	NUMBER(10,2)		null
Measure	NUMBER(10,2)		null
PODS_User	VARCHAR(30)		null
Create_Date	DATE		not null

Location

GPS_Point

GPS_Point_GUID	CHAR(38)	<pk>	not null
Coordinate_GUID	CHAR(38)	<fk1>	null
Ref_Event_GUID	CHAR(38)	<fk1>	null
Type_CL	VARCHAR(16)	<fk5>	null
Description	VARCHAR(254)		null
GPS_Parameters_GUID	CHAR(38)	<fk2>	null
Standard_Dev	FLOAT		null
HDOP	FLOAT		null
PDOP	FLOAT		null
VDOP	FLOAT		null
TDOP	FLOAT		null
HPE	FLOAT		null
VPE	FLOAT		null
TPE	FLOAT		null
SATS	FLOAT		null
DAGE	FLOAT		null
DSID	FLOAT		null
Date_Collected	DATE		null
Source_GCL	VARCHAR(16)	<fk4>	null

GPS_Parameters

GPS_Parameters_GUID	CHAR(38)	<pk>	not null
Datafile	VARCHAR(255)		null
Description	VARCHAR(254)		null
Date_Collected	DATE		null
Correction_Method_CL	VARCHAR(16)	<fk3>	null
Correction_Type_CL	VARCHAR(16)	<fk4>	null
Source_GCL	VARCHAR(16)	<fk1>	null

Coordinate

Coordinate_GUID	CHAR(38)	<pk>	not null
Coordinate_Source_GUID	CHAR(38)	<fk1>	null
Type_CL	VARCHAR(16)	<fk3>	not null
Parent_GUID	CHAR(38)	<fk2>	null
X_Coord	FLOAT(15)		not null
Y_Coord	FLOAT(15)		not null
Horiz_Indicator_LF	CHAR(1)		null
Vert_Indicator_LF	CHAR(1)		null
Current_Indicator_LF	CHAR(1)		not null
Previous_Coordinate_GUID	CHAR(38)	<fk4>	null
Effective_From_Date	DATE		not null
Effective_To_Date	DATE		null
Original_Coordinate_GUID	CHAR(38)		null
Accuracy_CL	VARCHAR(16)	<fk5>	null
Validity_Tolerance	NUMBER(7,4)		null
Create_Date	DATE		not null
PODS_User	VARCHAR(30)		null

Coordinate_Source

Coordinate_Source_GUID	CHAR(38)	<pk>	not null
Source_Name	VARCHAR(30)	<fk1>	not null
Source_Type_CL	VARCHAR(16)	<fk2>	not null
Create_Date	DATE		not null
Method_CL	VARCHAR(16)	<fk3>	null
Operator_CL	VARCHAR(16)	<fk4>	not null
Accuracy_CL	VARCHAR(16)	<fk5>	null
Coordinate_Sys_GUID	CHAR(38)	<fk1>	null

Monument

Monument_GUID	CHAR(38)	<pk>	not null
Coordinate_GUID	CHAR(38)	<fk1>	null
Ref_Event_GUID	CHAR(38)	<fk1>	null
Type_CL	VARCHAR(16)	<fk2>	not null
Description	VARCHAR(255)		null
Source_GCL	VARCHAR(16)	<fk4>	null
Comments	VARCHAR(255)		null

Coordinate_Sys

Coordinate_Sys_GUID	CHAR(38)	<pk>	not null
Coordinate_Sys_S	VARCHAR(16)		null
Description	VARCHAR(254)		null
Entity_Type_Name	VARCHAR(40)		not null
Coordinate_Sys_CL	VARCHAR(16)	<fk2>	null
Prime_Meridian_CL	VARCHAR(16)	<fk4>	null
R_Axis_Ornt_Kind	VARCHAR(40)		null
R_Cord_Sys_Cnst_Name	VARCHAR(40)		not null
R_Display_Ornt	VARCHAR(240)		null
R_Map_Proj_Kind	VARCHAR(240)		null
R_Naming_System_Kind	VARCHAR(240)		null
Source_GCL	VARCHAR(16)	<fk1>	null
Source_Reference	VARCHAR(219)		null
Status_CL	VARCHAR(16)	<fk2>	null
Version	VARCHAR(240)		null
Vertex_S	VARCHAR(219)		null
Vertex_T	VARCHAR(16)		null

Centerline_Geo_Cross_Ref

Centerline_Geo_Cross_Ref_GUID	CHAR(38)	<pk>	not null
Event_GUID	CHAR(38)	<fk1>	not null
Centerline_Geo_GUID	CHAR(38)	<fk2>	not null
Previous_CL_Geo_Cross_Ref_GUID	CHAR(38)	<fk3>	null
Original_CL_Geo_Cross_Ref_GUID	CHAR(38)		null
Current_Indicator_LF	CHAR(1)		not null
Effective_From_Date	DATE		not null
Effective_To_Date	DATE		null
PODS_User	VARCHAR(30)		null
Create_Date	DATE		not null

Centerline_Geometry

Centerline_Geo_GUID	CHAR(38)	<pk>	not null
Source_Name	VARCHAR(30)		not null
Purpose	VARCHAR(203)		null
Create_Date	DATE		not null

Profile

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk4>	not null
Elevation	NUMBER(8,1)		not null
Elevation_DUOM	VARCHAR(16)	<fk3>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Active_Indicator_LF	CHAR(1)		null
Comments	VARCHAR(255)		null

Location

Coordinate_Transform

Coordinate_Transform_GUID	CHAR(38)	<pk>	not null
Coordinate_GUID	CHAR(38)	<fk1>	null
Transform_GUID	CHAR(38)	<fk2>	null
Description	VARCHAR(254)		null

U.S. Regulatory Compliance

NPMS_Route

Route_GUID	CHAR(38)	<pk,fk1>	not null
Line_GUID	CHAR(38)	<fk2>	not null
Quality_CD_CL	VARCHAR(16)	<fk3>	null
Revision_CD_CL	CHAR(1)	<fk3>	null
Date_Last_Submitted	DATE		null
Meta_Name	CHAR(12)		null

HCA_CA_Segment

Event_GUID	CHAR(38)	<pk,fk1>	not null
Intersection_Method_CL	VARCHAR(16)	<fk4>	null
Run_ID	VARCHAR(16)		null
Type_CL	VARCHAR(16)	<fk3>	null
Determination_Date	DATE		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

HCA_Boundary

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk4>	not null
Determination_Date	DATE		not null
Geographic_Entity_ID	CHAR(38)	<fk3>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

DOT_Class

Event_GUID	CHAR(38)	<pk,fk1>	not null
Rating_CL	VARCHAR(16)	<fk3>	not null
Method_CL	VARCHAR(16)	<fk1>	null
Determination_Date	DATE		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk4>	null
Comments	VARCHAR(255)		null

Activity_Zone

Event_GUID	CHAR(38)	<pk,fk1>	not null
Zone_CL	VARCHAR(16)	<fk2>	not null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

MAOP_Rating

Event_GUID	CHAR(38)	<pk,fk1>	not null
MAOP_Rating	NUMBER(8)		null
MOP	NUMBER(8)		null
Determination_Method_CL	VARCHAR(16)	<fk2>	null
Determination_Date	DATE		null
Verified_By	VARCHAR(32)		null
Established_By	VARCHAR(50)		null
Limiting_Factors	VARCHAR(255)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Test_Pressure

Event_GUID	CHAR(38)	<pk,fk1>	not null
Test_Type_CL	VARCHAR(16)	<fk2>	not null
Test_Date	DATE		null
Test_Medium_CL	VARCHAR(16)	<fk3>	null
Test_Pressure	NUMBER(5)		null
Duration_Hours	NUMBER(5)		null
Test_Station	NUMBER(10,1)		null
Min_Pressure	NUMBER(5)		null
Max_Elevation	NUMBER(5)		null
Min_Elevation	NUMBER(5)		null
Test_Distance	NUMBER(9,1)		null
Min_Pressure	NUMBER(5)		null
Max_Pressure	NUMBER(5)		null
Description	VARCHAR(50)		null
Report_Number	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk4>	null
Comments	VARCHAR(255)		null

Grandfather_Pressure

Event_GUID	CHAR(38)	<pk,fk1>	not null
Pressure_Rating	NUMBER(8)		null
High_Pressure_Date	DATE		null
Grandfather_Test_Date	DATE		null
Verified_By	VARCHAR(32)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

Leak_History

Leak_GUID	CHAR(38)	<pk>	not null
Event_GUID	CHAR(38)		null
Leak_Date	DATE		null
Leak_Report_Date	DATE		null
NRC_Report_Number	NUMBER(8)		null
Environmental_Remediation_Cost	NUMBER(8,2)		null
City	VARCHAR(50)		null
State_GCL	VARCHAR(16)	<fk5>	null
Zip	NUMBER(9)		null
Leak_Report_Date	DATE		null
Leak_Type_CL	VARCHAR(16)	<fk3>	null
Product_Subtype_SCL	VARCHAR(16)	<fk4>	null
Volume_Lost	NUMBER(16)		null
Primary_Cause_CL	VARCHAR(16)	<fk2>	not null
Lost_Product_Cost	NUMBER(8,2)		null
Business_Interruption_Cost	NUMBER(8,2)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk6>	null
Comments	VARCHAR(255)		null

Leak_History_Event

Leak_GUID	CHAR(38)	<pk,fk1>	not null
Event_GUID	CHAR(38)	<pk,fk2>	not null
Description	VARCHAR(50)		null
Comments	VARCHAR(255)		null

Depth_of_Cover

Event_GUID	CHAR(38)	<pk,fk1>	not null
Measurement	NUMBER(7,4)		null
Measurement_Method_CL	VARCHAR(16)	<fk2>	null
Determination_Date	DATE		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Odorant_Range

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk3>	null
Description	VARCHAR(50)		null
Odorant_Grandfather_LF	CHAR(1)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

Risk

Facility_Ranking

Event_GUID	CHAR(38)	<pk,fk1>	not null
Ranking_CL	VARCHAR(16)	<fk2>	not null
Ranking	NUMBER(5)		null
Determination_Method_GCL	VARCHAR(16)	<fk4>	null
Determination_Date	DATE		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk1>	null
Comments	VARCHAR(255)		null

Facility_Rating

Event_GUID	CHAR(38)	<pk,fk1>	not null
Purpose_CL	VARCHAR(16)	<fk2>	not null
Rating	NUMBER(8)		null
Determination_Method_GCL	VARCHAR(16)	<fk4>	null
Determination_Date	DATE		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Facility_Rating_Variance

Event_GUID	CHAR(38)	<pk,fk1>	not null
Variated_Pressure	NUMBER(5)		null
Determination_Method_CL	VARCHAR(16)	<fk2>	null
Determination_Date	DATE		null
Verified_By	VARCHAR(32)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Work

Work_Order

Work_Order_GUID	CHAR(38)	<pk>	not null
Work_Order_Number	VARCHAR(32)		null
Ranking_GCL	VARCHAR(16)	<fk3>	not null
Type_CL	VARCHAR(16)	<fk1>	not null
Description	VARCHAR(254)		null
AFE	VARCHAR(16)		null
Starting_Date	DATE		null
Ending_Date	DATE		null
Ordered_Date	DATE		null
Planned_Start_Date	DATE		null
Planned_End_Date	DATE		null
Vendor_Order_Quality	VARCHAR(16)	<fk4>	null
Vendor_Work_Number	VARCHAR(32)		null
Source_GCL	VARCHAR(16)	<fk1>	null

Maintenance

Maint_GUID	CHAR(38)	<pk>	not null
Event_GUID	CHAR(38)	<fk2>	not null
Type_CL	VARCHAR(16)	<fk4>	not null
Maint_Date	DATE		null
Maint_Hours	NUMBER(8,2)		null
Remediation_Cost	NUMBER(8,2)		null
Work_Order_GUID	CHAR(38)	<fk1>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Maintenance_Event

Maint_GUID	CHAR(38)	<pk,fk1>	not null
Event_GUID	CHAR(38)	<pk,fk2>	not null
Description	VARCHAR(50)		null
Comments	VARCHAR(255)		null

Inline Inspections

ILI_Inspection

ILI_Inspection_GUID	CHAR(38)	<pk>	not null
Begin_Date	DATE		null
End_Date	DATE		null
Tool_Type_CL	VARCHAR(16)	<fk1>	null
Tool_Vendor_CL	VARCHAR(16)	<fk2>	null
Sampling_Frequency	VARCHAR(16)	<fk3>	null
Resolution	VARCHAR(16)	<fk4>	null
Sensor_CL	VARCHAR(16)	<fk5>	null
Sensor_Spacing_Min	NUMBER(8,4)		null
Sensor_Spacing_Max	NUMBER(8,4)		null
Max_Temp	NUMBER(7,3)		null
Min_Temp	NUMBER(4)		null
Max_Velocity	NUMBER(7,3)		null
Max_Velocity	NUMBER(7,3)		null
Min_Velocity	NUMBER(7,3)		null
Min_Velocity	NUMBER(7,3)		null
Rated_Max_Velocity	NUMBER(7,3)		null
Rated_Max_WT	NUMBER(8,3)		null
Start_Odometer	NUMBER(16,3)		null
End_Odometer	NUMBER(16,3)		null
Tracker_Rule_CL	VARCHAR(16)	<fk3>	null
Source_GCL	VARCHAR(16)	<fk4>	null
Comments	VARCHAR(255)		null

ILI_Range

Event_GUID	CHAR(38)	<pk,fk1>	not null
Smart_Pigging_LF	CHAR(1)		null
Pigpable_LF	CHAR(1)		null
Odec_Last_Pigged	DATE		null
Description	VARCHAR(50)		null
Sensor_Type_CL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

Inspection_Contact

ILI_Inspection_GUID	CHAR(38)	<pk,fk1>	not null
Contact_GUID	CHAR(38)	<pk,fk2>	not null

ILI_Inspection_Range

ILI_Inspection_Range_GUID	CHAR(38)	<pk>	not null
Event_GUID	CHAR(38)	<fk1>	null
Work_Order_GUID	CHAR(38)	<fk2>	null
Start_Odometer	NUMBER(16,3)		null
End_Odometer	NUMBER(16,3)		null
Sequence	NUMBER(3)		null
ILI_Inspection_GUID	CHAR(38)	<fk1>	not null
Launcher_Event_GUID	CHAR(38)	<fk3>	null
Receiver_Event_GUID	CHAR(38)	<fk4>	null
Weld_Start_Number	FLOAT		null
Weld_Increment	NUMBER(4)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk5>	null
Comments	VARCHAR(255)		null

Foreign_Line_Crossing

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk5>	not null
Owner_CL	VARCHAR(16)	<fk3>	null
Line_Clearance	NUMBER(4,1)		null
Material_CL	VARCHAR(16)	<fk2>	null
Foreign_Diameter	NUMBER(6,3)		null
Crossing_Date	DATE		null
Intersection_Angle	NUMBER(3)		null
Scaled_GCL	VARCHAR(16)	<fk6>	null
Scaled_UCL	VARCHAR(16)	<fk1>	null
Direction_GCL	VARCHAR(16)	<fk7>	null
Width	NUMBER(4)		null
Geographic_Entity_GUID	CHAR(38)	<fk5>	null
Description	VARCHAR(50)		null
Line_Below_Ground_LF	CHAR(1)		null
Line_Below_Ground_UCL	CHAR(1)		null
Crossing_Below_Line_LF	CHAR(1)		null
Foreign_Bond_LF	CHAR(1)		null
Source_GCL	VARCHAR(16)	<fk4>	null
Comments	VARCHAR(255)		null

Road

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk4>	not null
Surface_CL	VARCHAR(16)	<fk3>	null
Intersection_Angle	NUMBER(3)		null
Source_Number	VARCHAR(16)		null
Scaled_GCL	VARCHAR(16)	<fk5>	null
Scaled_UCL	VARCHAR(16)	<fk7>	null
Width	NUMBER(4)		null
Geographic_Entity_GUID	CHAR(38)	<fk6>	null
Grazing_Indicator_LF	CHAR(1)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

Railroad

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk2>	not null
Operator_CL	VARCHAR(16)	<fk3>	null
Intersection_Angle	NUMBER(3)		null
Source_Number	VARCHAR(16)		null
Scaled_GCL	VARCHAR(16)	<fk5>	null
Direction_GCL	VARCHAR(16)	<fk6>	null
Width	NUMBER(4)		null
Geographic_Entity_GUID	CHAR(38)	<fk4>	null
Indicator_LF	CHAR(1)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk1>	null
Comments	VARCHAR(255)		null

Land_Use

Event_GUID	CHAR(38)	<pk,fk1>	not null
Use_Code	VARCHAR(16)	<fk2>	not null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Geographic_Entity

Entity_GUID	CHAR(38)	<pk>	not null
Name	VARCHAR(32)		null
Description	VARCHAR(254)		null
Source_GCL	VARCHAR(16)	<fk1>	null
Shape_GUID	CHAR(38)	<fk2>	null

ILI_Pipe_Length

ILI_Pipe_Length_GUID	CHAR(38)	<pk>	not null
Event_GUID	CHAR(38)	<fk1>	null
Sequence_Number	VARCHAR(16)		null
Description	VARCHAR(50)		null
Start_Coordinate_GUID	CHAR(38)	<fk5>	null
End_Coordinate_GUID	CHAR(38)	<fk6>	null
Seam_Orientation	NUMBER(4)		null
Measured_Wall_Thickness	NUMBER(8,4)		null
Nominal_Wall_Thickness	NUMBER(8,4)		null
ILI_Inspection_GUID	CHAR(38)	<fk1>	null
Work_Order_GUID	CHAR(38)	<fk2>	null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Geographic Features

Event_Range

Event_GUID	CHAR(38)	<pk>	not null
Feature_ID	VARCHAR(16)	<fk1>	not null
Previous_Event_GUID	CHAR(38)	<fk2>	null
Station_GUID_Begin	CHAR(38)	<fk4>	null
Station_GUID_End	CHAR(38)	<fk3>	null
Length	NUMBER(18,2)		null
Stack_Length	NUMBER(18,2)		null
PODS_User	VARCHAR(30)		null
Create_Date	DATE		null
Original_Event_GUID	CHAR(38)		null
Effective_From_Date	DATE		not null
Effective_To_Date	DATE		null
Current_Indicator_LF	CHAR(1)		not null
Validity_Tolerance	NUMBER(7,4)		null
Positioning_Type_CL	VARCHAR(16)	<fk5>	null

Feature_Table

Feature_ID	VARCHAR(16)	<pk,fk3>	not null
Type_CL	VARCHAR(16)	<fk1>	not null
Category_CL	VARCHAR(16)	<fk2>	not null
Description	VARCHAR(254)		null
History_Table_Name	VARCHAR(16)	<fk3>	null
Line_GCL	VARCHAR(16)	<fk4>	null
Overlap_Rule_CL	VARCHAR(16)	<fk5>	null
History_Type_GCL	VARCHAR(16)	<fk6>	null
Feature_Status_GCL	VARCHAR(16)	<fk7>	null
History_Location_CL	VARCHAR(16)	<fk8>	null

Routing_Note

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk3>	not null
Source_Number	VARCHAR(16)		null
ANG_Degrees	NUMBER(3)		null
ANG_Minutes	NUMBER(2)		null
ANG_Seconds	NUMBER(2)		null
BRG_Northing	VARCHAR(1)		null
BRG_Degrees	NUMBER(3)		null
BRG_Minutes	NUMBER(2)		null
BRG_Seconds	NUMBER(2)		null
BRG_Easting	VARCHAR(1)		null
Scaled_GCL	VARCHAR(16)	<fk2>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk1>	null
Comments	VARCHAR(255)		null

Sheet_Note

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk3>	not null
Source_Number	VARCHAR(16)		null
Scaled_GCL	VARCHAR(16)	<fk4>	null
Direction_GCL	VARCHAR(16)	<fk5>	null
Intersection_Angle	NUMBER(3)		null
Overlap_Rule_CL	VARCHAR(16)	<fk2>	null
Scaled_UCL	VARCHAR(16)	<fk1>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk6>	null
Comments	VARCHAR(255)		null

Right_of_Way

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk2>	not null
Parcel_Number	VARCHAR(32)		null
Owner_Name	VARCHAR(100)		null
Property_Width	NUMBER(10)		null
Easement_Width	NUMBER(10)		null
Address	VARCHAR(50)		null
Geographic_Entity_GUID	CHAR(38)	<fk4>	null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Waterway

Event_GUID	CHAR(38)	<pk,fk1>	not null
Type_CL	VARCHAR(16)	<fk5>	not null
Operator_LF	VARCHAR(1)		null
Intersection_Angle	NUMBER(3)		null
Scaled_GCL	VARCHAR(16)	<fk4>	null
Direction_GCL	VARCHAR(16)	<fk3>	null
Source_Number	VARCHAR(16)		null
Width	NUMBER(4)		null
Geographic_Entity_GUID	CHAR(38)	<fk2>	null
Navigation_Indicator_LF	CHAR(1)		null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk1>	null
Comments	VARCHAR(255)		null

Pipe_Segment

Event_GUID	CHAR(38)	<pk,fk1>	not null
Manufacturer_CL	VARCHAR(16)	<fk3>	null
Date_Manufactured	DATE		null
Pipe_Mill_Location_GCL	VARCHAR(16)	<fk3>	null
Mill_Test_Pressure	NUMBER(5)		null
Material_CL	VARCHAR(16)	<fk4>	null
Pipe_Specification_GCL	VARCHAR(16)	<fk5>	null
Pipe_Grade_GCL	VARCHAR(16)	<fk6>	null
SMYS_GCL	VARCHAR(16)	<fk7>	null
Outside_Diameter_CL	NUMBER(8,4)	<fk11>	not null
Nominal_Wall_Thickness_GCL	NUMBER(8,4)	<fk9>	not null
Pipe_Long_Seam_GCL	VARCHAR(16)	<fk8>	null
Wall_Thickness_CL	NUMBER(8,4)	<fk10>	not null
Description	VARCHAR(50)		null
Source_GCL	VARCHAR(16)	<fk2>	null
Comments	VARCHAR(255)		null

Launcher_Receiver

Event_GUID	CHAR(38)	<pk,fk1>	not null
Name	VARCHAR(50)		null
Type_CL	VARCHAR(16)	<fk2>	not null
Date_Installed	DATE		null
Description	VARCHAR(50)		null
Closure_Valve_Length	NUMBER(5,2)		null
Closure_Reducer_Length	NUMBER(5,2)		null
Trap_Length	NUMBER(5,2)		null
Trap_Diameter	NUMBER(6,4)		null
Overbend_Radius	NUMBER(6,4)		null
Wrinkle_Bend_Near_LF	CHAR(1)		null
Trap_Pressure_Rating	NUMBER(5)		null
Trap_Closure_Type_CL	VARCHAR(16)	<fk6>	null
Trap_Status_CL	VARCHAR(16)	<fk7>	null
Electricity_Available_LF	CHAR(1)		null
Hoist_Available_LF	CHAR(1)		null
Trap_Length	NUMBER(5,2)		null
Trap_Height	NUMBER(5,2)		null
Trap_Valve_Out_Diameter_GCL	NUMBER(8,4)	<fk13>	null
Trap_Valve_Type_GCL	VARCHAR(16)	<fk12>	null
Kicker_Bypass_Location_CL	VARCHAR(16)	<fk1>	null
Kicker_Bypass_Out_Diameter_GCL	NUMBER(8,4)	<fk11>	null
Bridle_Out_Diameter_GCL	NUMBER(8,4)	<fk11>	null
Reducer_Length	NUMBER(5,2)		null
Reducer_Wall_Thickness_GCL	NUMBER(8,4)	<fk10>	null
Reducer_Type_GCL	VARCHAR(16)	<fk8>	null
Reducer_Length	NUMBER(5,2)		null
Axial_Clearance_Width	NUMBER(5,2)		null
Axial_Clearance_Length	NUMBER(5,2)		null
Overbend_Outside_Diameter_GCL	NUMBER(8,4)	<fk4>	null
Trap_Valve_Length	NUMBER(5,2)		null
Trap_Valve_GCL	VARCHAR(16)	<fk3>	null
Comments	VARCHAR(255)		null

Vent_Pipe

Event_GUID	CHAR(38)	<pk,fk1>	not null
Name	VARCHAR(32)		null
Manufacturer_CL	VARCHAR(16)	<fk6>	null
Date_Manufactured	DATE		null
Pipe_Mill_Location_GCL	VARCHAR(16)	<fk2>	null
Mill_Test_Pressure	NUMBER(5)		null
Material_CL	VARCHAR(16)	<fk9>	null
Pipe_Specification_GCL	VARCHAR(16)