

System Field Descriptions

Information in this section includes a description of PCS Axis fields. Fields that include Activate in the field name share the same description as their counterpart, such as Activate AC Power and AC Power. The Activate AC Power field must be added in the Information grid to enter data in the AC Power field in the Inspections grid.

NOTE: The menu path included in some field descriptions may include the placeholder text *<module>*, such as *Data Entry > Edit <module> Data*. The placeholder text indicates the field description applies to more than one module, such as CPDM, VM, ACM, ICM, or LSM.

Table A-1. System Field Descriptions

Name	Description
AC Input	Alternating Current Input. Voltage coming into the rectifier from a power source. See CPDM module, <i>Data Entry > Edit CPDM Data > Rectifier Information grid > Customize > Layouts</i> .
AC P/S (Volts)	Alternating Current Pipe-to-Soil. Potential measurement in volts. AC measurements are recorded using a voltmeter when conducting an AC CIS survey to determine AC interference from sources such as overhead power transmission lines near the pipeline. Also see AC CIS definition in <i>Appendix B</i> (page 845). See ISM, <i>Data Entry > Edit ISM Data > AC CIS</i> .

Table A-1. System Field Descriptions (continued)

Name	Description
AC Power	<p>Alternating Current Power. Power consumed by a rectifier from a power source (watts). This value is system-supplied and calculated as follows:</p> $AC\ Power = 3600 \times Kh\ Factor \times \frac{Revolutions}{Seconds}$ <p>If the value for Kh Factor, Revolutions, or Seconds is unknown, the value for AC Power can be entered. The value can be up to six digits of resolution. Meter Kh carries to Kh Factor field when a reading is created. Add and enable Activate AC Power in the Rectifier Information grid to allow data entry in the Inspections grid. See CPDM module, <i>Data Entry > Edit CPDM Data > Rectifier Information</i> and <i>Inspections grid > Customize > Layouts</i>.</p>
AC Service	<p>Alternating Current Service. History information field that identifies the complete source of incoming AC power; such as data for AC voltage, AC current, number of phases and so on. See CPDM module <i>Data Entry > Edit CPDM Data > Rectifier Inspections grid > Customize > Layouts</i>.</p>
Account	<p>Power company account number. Can also be the customer's account number for gas service. See CPDM module, <i>Data Entry > Edit CPDM Data > Rectifier Inspections grid > Customize > Layouts</i>.</p>
Activate Cardinal Points	<p>Add this field in the Tank Information grid, then enable the field's check box to allow data entry in the Tank Inspection grid for the following fields: North P/S, South P/S, East P/S, and West P/S. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts</i>.</p>
Activate Center P/S	<p>Activate Center Pipe-to-Soil Add this field in the Tank Information grid, then enable the field's check box to allow data entry in the field Center P/S in the Tank Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Activate Intercardinal Points	Add this field in the Tank Information grid, then enable the field's check box to allow data entry in the Tank Inspection grid for the following fields: NE P/S, SE P/S, NW P/S, and SW P/S. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts.</i>
Activate Mid P/S	Activate Mid Pipe-to-Soil. Add this field in the Tank Information grid, then enable the field's check box to allow data entry in the field Mid P/S in the Tank Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts.</i>
Activate Secondary Intercardinal Points	Add this field in the Tank Information grid, then enable the field's check box to allow data entry in the Tank Inspection grid for the following fields: ENE P/S, ESE P/S, NNE P/S, NNW P/S, SSE P/S, WNW P/S, and WSW P/S. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts.</i>
Address	System calculated field based on information entered in the following fields: Address Post-Direction; Address Pre-Direction; Address Street; Address Street Number; and Address Suffix. This field is available for use in all modules and can be added in the Information grid. See <i>Data Entry > Edit <module> Data > Information grid > Customize > Layouts.</i>
Address Pre-Direction	Tag at the beginning of a street name used to indicate direction, such as 125 E Grand Bluff St. NW, where E is the pre-direction. This field is available for use in all modules and can be added in the Information grid. See <i>Data Entry > Edit <module> Data > Information grid > Customize > Layouts.</i>
Alignment Sheet Number	Record number assigned to an alignment sheet for a pipeline right-of-way. Add this field in either the Rectifier Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grids > Customize > Layout.</i>

Table A-1. System Field Descriptions (continued)

Name	Description
Allegro Survey Information	System-generated field showing properties in a close interval survey file transferred from the Allegro. Properties include configuration settings, ROW code, survey date, surveyor, type of survey, and so on.
Anomaly Direction	<p>If survey readings were taken at regular intervals during an ACVG survey, use this field to indicate if the anomaly is in front of or behind the surveyor. This field does not apply to ACVG surveys that only record an ACVG point at the anomaly. Typical entries for this field are <i>Forward</i> or <i>Reverse</i>.</p> <p>See ISM, <i>Data Entry > Edit Indirect Survey Data > ACVG grid</i>.</p>
APB (Ppm)	Acid Reducing Bacteria parts-per-million. Measurement of APB in parts-per-million (Ppm). Add Activate APB (Ppm) in the Information grid to allow data entry in the Inspections grid. See ICM, <i>Data Entry > Edit ICM Data > Samples > Information and Inspection grids > Customize > Layouts</i> .
Apparent Leak Location	Leak location. See LSM, <i>Data Entry > Edit LSM Data > Maintenance grid > Customize > Layouts</i> .
Attached Documents	Use this field to attach or link a document to a record in the grid. This field is available in all modules. See <i>Attaching a Document to a Grid Record</i> (page 340).
Average P/S	Average Pipe-to-Soil. Reading measured in volts. Add the field Activate Average P/S in the Test Point Information grid to enable data entry in the Average P/S field in the Test Point Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Information and Inspection grid > Customize > Layouts</i> .

Table A-1. System Field Descriptions (continued)

Name	Description
Bond Current Adjusted	<p>Click the check box to indicate a change was made to the bond current. This field works in conjunction with the fields Bond Current Found and Bond Current Left when the Activate field for both of these fields has been added in the Information grid.</p> <p>When adjusting the bond current (1) click the <i>Bond Current Adjusted</i> check box; (2) enter the pre-adjusted value (in amps) in the field <i>Bond Current Found</i>; and then (3) enter the adjusted value (in amps) in the field <i>Bond Current Left</i>. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information</i> and <i>Inspection grid > Customize > Layouts</i>.</p>
Bond Current Found	<p>Bond current measured during an inspection (in Amps). This field works in conjunction with the fields Bond Current Adjusted and Bond Current Left when the Activate field for both of these fields has been added in the Foreign Bond Information grid. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information</i> and <i>Inspection grid > Customize > Layouts</i>.</p>
Bond Current Left	<p>Bond current measured after an inspection (in Amps). This field works in conjunction with the fields Bond Current Adjusted and Bond Current Found when the Activate field for both of these fields has been added in the Foreign Bond Information grid. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information</i> and <i>Inspection grid > Customize > Layouts</i>.</p>
Bond Shunt Factor	<p>Multiplying factor measured in Amps. Used in converting the voltage drop across the shunt to current. Voltage drop and shunt resistance are used to calculate the current. Add the Bond Shunt Factor field in either the Foreign Bond Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information</i> and <i>Inspection grid > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Bond Shunt Rating	Shunt size measured in millivolts and Amps (mV/A). Add the field in either the Foreign Bond Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information and Inspection grid > Customize > Layouts.</i>
Bond Shunt Resistance	Shunt resistance measured in Ohms. Add the field in either the Foreign Bond Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information and Inspection grid > Customize > Layouts.</i>
Bond Type	Type of bond, such as resistance or direct. Add the field in either the Bond Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information and Inspection grid > Customize > Layouts.</i>
Casing IRF	Casing IR free (IRF) reading. Voltage measurement indicating the potential of the casing relative to the soil with interrupted rectifier current. Add the field Activate Casing IRF in the Test Point Information grid to enable data entry in the Casing IRF field in the Test Point Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Information and Inspection grid > Customize > Layouts.</i>
Casing IRF Minimum and Maximum	Minimum and maximum value allowed for data entry in the Casing IRF field. Add the fields Casing IRF Minimum and Casing IRF Maximum in either the Test Point Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Information or Inspection grid > Customize > Layouts.</i>
Casing P/S	Casing Pipe-to-Soil. Voltage measurement indicating the potential of the casing relative to the soil. Add the field Activate Casing P/S in the Information grid to enable data entry in the Casing P/S field in the Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Information and Inspection grid > Customize > Layouts.</i>

Table A-1. System Field Descriptions (continued)

Name	Description
Casing P/S Minimum and Maximum	Minimum and maximum value allowed for data entry in the Casing P/S field. Add the fields Casing P/S Minimum and Casing P/S Maximum in either the Test Point Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Information</i> or <i>Inspection grid > Customize > Layouts</i> .
Casing Status	Status of the casing, such as short, not short, electrolytic, or metallic. Add the field Activate Casing Status in the Information grid to enable data entry in the Casing Status field in the Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Information</i> and <i>Inspection grid > Customize > Layouts</i> .
Center P/S	Center Pipe-to-Soil. Structure reading in volts when a half-cell is under the center of the tank. Add the field Activate Casing P/S in the Information grid to enable data entry in the Casing P/S field in the Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Tank Information</i> and <i>Inspection grid > Customize > Layouts</i> .
Center P/S Minimum and Maximum	Minimum and maximum value (voltage reading) allowed for data entry in the Center P/S field. Add the fields Center P/S Minimum and Center P/S Maximum in either the Tank Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Tank Information</i> or <i>Inspection grid > Customize > Layouts</i> .
City	City where a facility is located. This field is available for use in all modules; add the field in either the Information or Inspection grid. See <i>Data Entry > Edit <module> Data > Information</i> or <i>Inspection grid > Customize > Layouts</i> .
Close Direction	Direction the valve wheel turns to close the valve. Enter data such as CW for clockwise or CCW for counter clockwise. See VM, <i>Data Entry > Edit VM Data > Information</i> or <i>Inspection grid > Customize > Layouts</i> .

Table A-1. System Field Descriptions (continued)

Name	Description
Coating	Type of coating applied to the pipeline, such as tape or epoxy. Add this field in either the Information or Inspection grid. See ACM, <i>Data Entry > Edit ACM Data > Information or Inspection grid > Customize > Layouts.</i>
Coating Condition	Description of coating condition. See ACM, <i>Data Entry > Edit ACM Data > Inspection grid > Customize > Layouts.</i>
Coke Breeze Type	Type of coke breeze, such as metallurgical and petroleum-based. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier Information, Inspection, or Maintenance grid > Customize > Layouts.</i>
Coke Breeze Type	Type of coke breeze such as metallurgical and petroleum-based. Add this field in either the Rectifier Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grids > Customize > Layout.</i>
Completed Maintenance	Total number of maintenance records for a facility that have the field Completed Date populated. This is a read-only, facility level calculated field. Add this field in the Rectifier Information, Inspection, or Maintenance grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information, Inspection, or Maintenance grids > Customize > Layouts.</i>
Conductivity	Numeric field supporting decimal numbers with up to 7 digits resolution, including two numbers after the decimal. Use this field to record conductivity measurements as measured by the inspection tool during a <i>Soil Resistivity</i> survey. Measurements are in microsiemens (μS), a metric unit of measurement for conductivity. See <i>ISM module, Data Entry > Edit ISM Data > Soil Resistivity.</i>

Table A-1. System Field Descriptions (continued)

Name	Description
Connection Type	<p>Type of connection used to secure a valve to the pipeline.</p> <p>See VM, <i>Data Entry > Edit VM Data > Information or Inspection grid > Customize > Layouts.</i></p>
Contact	<p>Name of a contact person at the company responsible for the foreign bond.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information grid > Customize > Layouts.</i></p>
Creation Date	<p>Date a facility record was created in a grid. Add this field in either the Rectifier Information or Inspection grid.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grids > Customize > Layouts.</i></p>
Critical Bond	<p>Check box for indicating if a bond is critical based on location and connection. Critical bond is used in scheduling. Click to place a check mark inside the check box if the bond is considered a critical bond.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond Information, Inspection, or Maintenance grid > Customize > Layouts.</i></p>
Days Since First Bad Reading	<p>Derived field showing the number of days since the first bad reading (reading does not meet criteria). Field available in all modules in the <i>Information or Inspection</i> data entry grid. See <i>Working with Derived Fields</i> (page 226).</p>
Days Since Last Good Reading	<p>Derived field showing the number of days since the last good reading (reading meets criteria). Field available in all modules in the <i>Information or Inspection</i> data entry grid. See <i>Working with Derived Fields</i> (page 226).</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Days Until Delinquent	<p>Read-only, system calculated field. Number of days until a facility inspection becomes delinquent. Field is available in all modules.</p> <p>See <i>Data Entry > Edit <module> Data > Information</i> or <i>Inspection grid > Customize > Layouts</i>.</p>
Decibel Reading (dB)	<p>Decibel reading measured in millibels (mB, decibel microvolts) by the inspection tool using the A-Frame method during an ACVG survey.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > ACVG</i>.</p>
Default Location Format	<p>Read-only field showing the format used in numbering facilities on a pipeline segment. Default Location Format is set up before adding or linking facilities to a pipeline segment. Valid entries are: <i>Metric Milepost, Milepost (4 decimals), Location ID, Milepost (3 decimals), Miles/Station Number, Reading Number, and Station Number</i>.</p> <p>Default Location Format is available in all modules. See <i>Data Entry > Edit <module> Data > Information</i> or <i>Inspection grid > Customize > Layout</i>.</p>
Delinquent Date From Schedule	<p>Read-only field showing the date a facility becomes delinquent based on scheduling properties set up in Edit Schedule Settings (<i>Data Entry > Edit Schedule Settings</i>). This field is available in all modules. See <i>Data Entry > Edit <module> Data > Information</i> or <i>Inspection grid > Customize > Layout</i>.</p>
Depth	<p>Numeric field supporting decimal numbers with up to 6 digits resolution, including two numbers after the decimal. Use this field to enter the pipeline depth reading in inches as measured by the PCM inspection tool during an ACCA survey.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > ACCA</i>.</p>
Diameter	<p>Distance from wall to wall across a tank. See CPDM, <i>Data Entry > Edit CPDM Data > Tank Information, Inspection</i> or <i>Maintenance grid > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Diode Rating	Amperage rating of the diode in the rectifier. See CPDM, <i>Data Entry > Edit CPDM Data > Information or Inspection grid > Customize > Layout.</i>
Due Date From Schedule	Date a facility is scheduled for survey based on settings in Edit Schedule Settings (<i>Data Entry > Edit Schedule Settings</i>). This field is available for use in all modules; add the field in either the Information or Inspection grid. See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layouts.</i>
Due Date From Schedule	Read-only field showing the date a facility is due for inspection based on scheduling properties set up in Edit Schedule Settings (<i>Data Entry > Edit Schedule Settings</i>). This field is available in all modules. See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layout.</i>
East P/S	East Pipe-to-Soil. Structure reading in volts when a half-cell is placed near the east side of a tank. Add and enable Activate Cardinal Points in the Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts.</i>
East P/S Maximum/ Minimum	Maximum and minimum voltage value allowed for data entry in the field East P/S in the Tank Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information or Inspection grid > Customize > Layouts.</i>

Table A-1. System Field Descriptions (continued)

Name	Description
Effective Date	<p>Required system field automatically present in all grids. Effective Date is the date a history record becomes effective. New history records are created with an Effective Date when important permanent information changes. For example, changes to important permanent information include changing the protection criteria value for a test point; changing the operational status from active to inactive or vice versa; and when a pipeline becomes inactive or is taken out of service.</p> <p>For more information, see <i>Creating History Records Using an Effective Date</i> (page 245).</p>
Efficiency	<p>System-provided value that is calculated using the formula shown below. A value can be manually entered, but is not recommended. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grid > Customize > Layouts</i>.</p> $\frac{\text{Rectifier Output Volts Left} \times \text{Rectifier Output Current Left} \times 100}{\text{AC Power (Watts)}}$
Efficiency Filter	<p>Check box for indicating whether or not a rectifier is using an efficiency filter. Click to place a check mark inside the check box when an efficiency filter is present. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grid > Customize > Layouts</i>.</p>
Elevation	<p>Elevation in feet for a facility, survey point, or anomaly on a pipeline as reported by a GPS device. This field is available for use in all modules.</p> <p>See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layouts</i>.</p>
End Date	<p>Last day of a start and end date range, such as a start date of 05/04/2012 and an end date of 08/06/2012. A date range is typically used when generating a schedule or when defining a survey folder. This field is available in all modules.</p> <p>See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layout</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Existing Facilities	<p>An existing facility is a milepost in an imported stationary survey that matches an existing milepost in PCS Axis for the currently selected ROW (pipeline segment). Existing facilities are used in telluric compensation. Also refer to <i>Unregistered Milepost</i>. See CPDM, <i>Data Entry > Stationary Survey Maintenance > Snap To Facility</i>.</p>
Facility Active	<p>Check box to indicate whether or not a facility is active or inactive according to survey status. Add this field in either the Information or Inspection grid.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Information or Inspection grid > Customize > Layouts</i>.</p>
Facility and ROW Currently Active	<p>Read-only system field showing the status of linked facilities on a ROW. Check box indicates whether or not a facility and ROW are active or inactive based on survey status. Add this field in either the Information or Inspection grid.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Information or Inspection grid > Customize > Layouts</i>.</p>
Facility Attached Document	<p>Field for attaching a file (document or image) or Internet link to a facility or ROW. File attachment or link can be previewed or edited in PCS Axis with the appropriate viewer or file editor if installed locally on the computer.</p> <p>Use this field to link or embed a file attachment and detach an attached file. This field is available in all modules and can be added in the Information, Inspection, and Maintenance grids. See any module, <i>Data Entry > Edit <module> Data > Information, Inspection, or Maintenance grid > Customize > Layout</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Facility Delinquent Date	<p>Date a facility is considered to be past due for inspection. This is a PCS Axis calculated field based on schedule settings set up in Edit Schedule Settings (<i>Data Entry > Edit Schedule Settings</i>). Available for use in all modules; add the field in either the Information or Inspection grid. See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layouts</i>.</p>
Facility ID	<p>Identification code that identifies a facility. This field is available for use in all modules; add the field in either the Information or Inspection grid. See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layouts</i>.</p>
Foreign IRF	<p>Foreign IR free reading. Voltage measurement indicating the potential of a foreign line at a foreign line crossing relative to the soil with interrupted rectifier current.</p> <p>Add and enable Activate Foreign IRF in the Test Point Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information and Inspection grids > Customize > Layouts</i>.</p>
Foreign P/S	<p>Foreign Pipe-to-Soil. Potential reading of foreign line at a foreign line crossing relative to the soil. Use this field to enter pipe-to-soil "on" measurements taken at a site with all DC sources operational.</p> <p>Add and enable Activate Foreign P/S in the Test Point Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information and Inspection grids > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Galvanic Anode Initial Current	<p>Initial current output at install. Additional readings should be recorded in the field Galvanic Current in the Galvanic Anode Inspection grid.</p> <p>To record data in the Galvanic Current field in the Inspection grid: (1) add Activate Galvanic Current in the Information grid, then enable the field's check box, (2) add the field Galvanic Current in the Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information and Inspection grids > Customize > Layouts.</i></p>
Galvanic Anode Shunt Factor	<p>Amperage value of the galvanic anode shunt factor. Shunt factor includes the value in this field and the millivolt/amperage (mV/A) value entered in the Galvanic Anode Shunt Rating field.</p> <p>Add the fields Galvanic Anode Shunt Factor and Galvanic Anode Shunt Rating in either the Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grids > Customize > Layouts.</i></p>
Galvanic Anode Size	<p>Weight in pounds (lbs) of sacrificial anode. Add this field in either the Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grids > Customize > Layouts.</i></p>
Galvanic Anode To Soil	<p>Driving potential of the anode relative to the soil. Value entered in volts. Add this field in either the Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grids > Customize > Layouts.</i></p>
Galvanic Anode Type	<p>Type of anode such as magnesium, aluminum, or zinc. Add this field in the Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grids > Customize > Layouts.</i></p>

Table A-1. System Field Descriptions (continued)

Name	Description
Galvanic Current Maximum/Minimum	<p>Maximum and minimum current output. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grids > Customize > Layouts.</i></p>
Galvanic Number of Anodes	<p><i>Rectifier facilities:</i> Number of impressed current anodes at a rectifier/ground bed installation. If there are multiple ground beds at a rectifier, this will be the total number of anodes associated with that rectifier.</p> <p><i>Galvanic Anodes:</i> Number of sacrificial anodes at a galvanic anode installation.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grids > Customize > Layouts.</i></p>
Gas Indicator Leak Test	<p>Remark field in the LSM module for describing the condition of the valve coating at inspection.</p> <p>To record data in the field Gas Indicator Leak Test in the Inspection grid: (1) add the field Activate Gas Indicator Leak Test in the Information grid, then enable the field's check box, (2) add the field Gas Indicator Leak Test in the Inspection grid. See LSM, <i>Data Entry > Edit LSM Data > Information and Inspection grids > Customize > Layouts.</i></p>
Holiday	<p>Use this field to indicate a survey location with a pipeline coating anomaly (hole) as detected by the inspection tool during an ACVG survey. A check mark inside the check box indicates a survey location with a holiday. To remove the check mark, click the check box again.</p> <p>See ISM module, <i>Data Entry > Edit ISM Data > ACVG.</i></p>

Table A-1. System Field Descriptions (continued)

Name	Description
Indication Classification	<p>Use this field to classify or prioritize the severity of an indication. For example, classifications such as minor, moderate, severe, immediate, scheduled, or monitored might be used to prioritize the severity of indications. Typical indications include coating faults, holidays, corrosion activity, electrical shorts, interference, geologic current shielding, and other types of anomalies that have been discovered during an above ground, indirect survey.</p> <p>If your company uses a coding system for describing the severity of indications, you can type the code in the field; select the code and its description from a drop-down list if a picklist has previously been setup in <i>Field and UDF Customizations</i>; or import the code in PCS Axis using Bridge.</p>
Indication Score	<p>Alphanumeric field that accepts up to two characters, numbers, or a combination of both. Use this field to rank, prioritize, quantify the actual size, or grade the severity of an indication classification.</p>
Inspection Remarks	<p>Survey comment associated with a facility, anomaly, or landmark. Field is available for use in all modules. See any module, <i>Data Entry > Edit <module> Data > Inspection > Customize > Layouts</i>.</p>
Insulator IRF	<p>Insulator IR Free. Voltage measurement indicating the potential of an insulated flange relative to the soil with interrupted rectifier current.</p> <p>Add and enable Activate Insulator IRF in the Test Point Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information and Inspection grids > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Insulator P/S	<p>Insulator Pipe-to-Soil. Potential reading for the other side of an insulated flange, relative to the soil. Also referred to as an “insulator-to-soil” potential reading.</p> <p>Add and enable Activate Insulator P/S in the Test Point Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information</i> and <i>Inspection grids > Customize > Layouts</i>.</p>
Insulator Shunt Factor	<p>Amperage value of the insulator shunt factor. Shunt factor consists of the value in this field and the value (mV/A) in the field Insulator Shunt Rating.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information</i> or <i>Inspection grid > Customize > Layouts</i>.</p>
IR (percentage)	<p>Numeric field supporting a 5 digit decimal number, including two numbers after the decimal. Use this field to enter a value that represents the estimated size or severity of a holiday as a percentage. The value you enter is the difference between the over-the-line (OTL) to remote earth (RE) readings divided by the signal strength (SS) of the voltage gradient at the anomaly.</p> <p>$\text{IR (percentage)} = (\text{OTL} - \text{RE or RE} - \text{OTL}) \div \text{SS at anomaly}$</p> <p>See <i>ISM, Data Entry > Edit ISM Data > DCVG</i>.</p>
Is Gps Time	<p>Read-only field indicating whether or not the P/S and IRF (ON/OFF) inspection date and time is GPS time. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Detail Inspection</i> mini-grid.</p>
KWH Meter	<p>Kilowatt hours (KWH) recorded from a power meter for rectifier power usage. Add and enable Activate KWH Meter in the Rectifier Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information</i> and <i>Inspection grid > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Latitude	<p>Numeric field that accepts up to twelve digits. Use this field to enter data that identifies the GPS latitude coordinate (north/south) for a test point, rectifier, bond, anomaly, or other location type on a pipeline. Field is available in all modules.</p>
Level 1 Name through Level 5 Name	<p>User setting for the names of the system hierarchy levels. PCS Axis supports up to five hierarchy levels. See <i>Tools > Customize > Hierarchy</i>.</p>
Locate Current (mA)	<p>Use this field to enter a current reading in milliamps (mA) as measured by the PCM inspection tool for survey points located directly over the pipeline during an ACCA survey.</p> <p>See <i>ISM, Data Entry > Edit ISM Data > ACCA</i>.</p>
Location Code	<p>Alphanumeric code assigned to a pipeline segment. The field accepts up to five alphanumeric characters.</p> <p>Location Code is available for use in all modules and can be added in either the Information or Inspection grid. See <i>Data Entry > Edit <module> Data > Information or Inspection grid > Customize > Layouts</i>.</p>
Log Number	<p>Numeric field that supports up to 6 digits. This field is typically used for sequential log numbers generated by a PCM (pipeline current mapper) data logger for survey readings taken during an ACCA survey.</p> <p>See <i>ISM, Data Entry > Edit ISM Data > ACCA</i>.</p>
Longitude	<p>Numeric field that accepts up to twelve digits. Use this field to enter data that identifies the GPS longitude coordinate (east/west) for a test point, rectifier, bond, anomaly, or other location type on a pipeline. Field is available in all modules.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Loss per Distance (dB/Ft)	<p>Numeric field supporting positive or negative decimal numbers with up to 5 digits resolution, including 2 numbers after the decimal. Use this field to enter the “dB loss per foot” value as calculated by the PCM inspection tool during an ACCA survey. The calculated value indicates the “current loss per distance ratio”.</p> <p>See <i>ISM, Data Entry > Edit ISM Data > ACCA</i>.</p>
Manufacturer	<p>Manufacturer of the rectifier being installed. See CPDM module, <i>Data Entry > Edit CPDM Data > Rectifier Inspections grid > Customize > Layouts</i>.</p>
Milepost	<p>Number representing a testing or facility location on a pipeline such as 23+123. May also be referred to as station number, milepost marker, or station marker.</p> <p>See <i>Tools > Customize > General > User Location Name</i>.</p>
Native P/S	<p>Native Pipe-to-Soil. Voltage reading taken prior to any current placed on the pipeline. Also referred to as depolarized or static potential.</p>
Negative Shunt Factor	<p>Amperage value of the negative shunt factor. This field is available in the Rectifier Negative Inspections mini-grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier Inspections grid > Rectifier Negative Inspections mini-grid</i>.</p>
Number of Crossings	<p>PCS Axis calculated field showing the total number of crossings, such as road crossings, railroad crossings, foreign pipeline crossings, and fence lines. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information or Inspection grid > Customize > Layouts</i>.</p>
Number of Leaks	<p>Numeric field for entering the number of leaks. Add the field Activate Number of Leaks in the Information grid to allow data entry in the Inspection grid. See LSM, <i>Data Entry > Edit LSM Data > Information and Inspection grid > Customize > Layouts</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Number of Negatives	PCS Axis calculated field in either the Rectifier Information or Inspection grid. This field shows the number of negatives in the Rectifier Negative Information mini-grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grid > Customize > Layouts.</i>
Number of Readings in Survey	A derived field showing the total number of survey readings in a continuous survey. See continuous survey types CIS, AC CIS, DCVG and so on in Indirect Survey Manager (ISM). Also see <i>Working with Derived Fields</i> (page 226).
Number of Turns	Number of turns to open a valve. Add the field Activate Number of Turns in the Information grid to allow data entry in the Inspection grid. See VM, <i>Data Entry > Edit VM Data > Information and Inspection grid > Customize > Layouts.</i>
Off Delta	A value showing the difference between the uncompensated and compensated OFF values.
On Delta	A value showing the difference between the uncompensated and compensated ON values.
Original Station Number	The initial or original station number before re-aligning station numbers using the Rubber Banding feature in <i>Survey Maintenance</i> . See ISM, <i>Data Entry > Edit ISM Data > Survey Maintenance.</i>
OTL to Remote Earth (mV)	Over-the-Line to Remote Earth. Use this field to enter a value in millivolts (mV) that represents the sum of all side drain measurements taken during a DCVG survey for a survey point on the pipeline. See ISM, <i>Data Entry > Edit ISM Data > DCVG.</i>

Table A-1. System Field Descriptions (continued)

Name	Description
P/S Offset	Pipe-to-Soil Offset. Offset added to a pipe-to-soil (P/S) reading collected on the Allegro field computer. Use this field when using a permanent reference cell other than copper-copper sulfate. PCS Axis uses the value to convert the reading to the equivalent copper-copper sulfate reading. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Information or Inspection grid > Customize > Layouts.</i>
Parallel Line	Two (2) pipelines within the same ROW (right-of way) and parallel to each other. Use the fields <i>Pipeline Code</i> and <i>Pipeline Name</i> in <i>Select ROWs</i> to identify a parallel pipeline. Also see <i>Pipe, Pipeline Code, and Pipeline Name.</i>
PBN Dial Reading	Measurement reading taken at inspection. Add the field <i>Activate PBN Dial Reading</i> in the <i>Information grid</i> to allow data entry in the <i>Inspection grid</i> . See ICM, <i>Data Entry > Edit ICM Data > Probe > Information and Inspection grid > Customize > Layouts.</i>
PCM Current (dB)	Numeric field that supports decimal numbers with up to 6 digits resolution, including two numbers after the decimal point. Use this field to enter the PCM current reading as measured in mA and dB by the PCM inspection tool during an ACCA survey. See ISM, <i>Data Entry > Edit ISM Data > ACCA.</i>
PCS Field Name	Selection list that allows you to choose the type of potential reading associated with a test lead record in the <i>Test Point Detail Information</i> and <i>Inspection</i> mini-grid. The test lead inspection record controls which ON/OFF values copy to the <i>Inspection grid</i> P/S and IRF fields for compliance reporting. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Detail Information</i> and <i>Inspection</i> mini-grids.

Table A-1. System Field Descriptions (continued)

Name	Description
Pearson	<p>Continuous (indirect) survey that uses an electrical method for locating holidays in the pipeline coating by applying an AC signal on the pipeline and the reception of the signal by two surveyors wearing metal cleats and connected to a Pearson receiver.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > Pearson</i>.</p>
Periodic Survey	<p>A survey conducted more often than every 12 months, such as monthly or bi-monthly rectifier surveys. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Inspection grid > Customize > Layouts</i>.</p>
Periodic Survey Year	<p>Year a periodic survey is performed. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Inspection grid > Customize > Layouts</i>.</p>
Permanent Comments	<p>Comments permanently associated with a facility. This type of comment does not typically change during each survey year. This field is available for use in all modules and can be added in the Information grid. See <i>Data Entry > Edit <module> Data > Information grid > Customize > Layouts</i>.</p> <p>Comments that apply to a particular survey should be entered in the Survey Remarks field.</p>
Phone Number	<p>Phone number of the person to contact at another company about a foreign bond. See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond > Information or Inspection grid > Customize > Layouts</i>.</p>
Pipe	<p>Two digit alphanumeric code used to identify a parallel pipeline in a common ROW with an existing pipeline. Also see <i>Pipeline Code, Pipeline Name, and Parallel Line</i>.</p>
Pipeline Code	<p>Two digit alphanumeric code used to identify a parallel pipeline in a common ROW with an existing pipeline. Also see <i>Pipe, Pipeline Name, and Parallel Line</i>.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Pipeline Name	Name of a parallel pipeline in a common ROW with an existing pipeline. Also see <i>Pipe</i> , <i>Pipeline Code</i> , and <i>Parallel Line</i> .
Plot This Point	<p>Use this field to include or exclude continuous survey readings in reports and graphs. To include a survey reading, click the check box to place a check mark in the check box. To exclude a survey reading, clear the check mark by clicking the check box. This field is enabled by default with all survey readings included in reports and graphs.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > any survey type</i>.</p>
Polarity	<p>Direction of current flow at a foreign bond. Add the field Activate Polarity in the Information grid to allow data entry in the Inspection grid.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Foreign Bond > Information and Inspection grid > Customize > Layouts</i>.</p>
Power Company Phone Number	Phone number of the power company for a rectifier installation site. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grid > Customize > Layouts</i> .
Pre-Install P/S	Pipe-to-soil reading taken before installation of galvanic anodes. See CPDM, <i>Data Entry > Edit CPDM Data > Galvanic Anode > Information or Inspection grid > Customize > Layouts</i> .
Property Rights	Code that identifies any property rights that might impact inspection or access to a pipeline. The field supports up to 10 alphanumeric characters including spaces, such as B #1234567. See LSM, <i>Data Entry > Edit LSM Data > Maintenance grid > Customize > Layouts</i> .

Table A-1. System Field Descriptions (continued)

Name	Description
Rectifier Anode Size	Dimensions of impressed current anodes such as 3 x 60. Add the field in either the Rectifier Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information</i> or <i>Inspection grids > Customize > Layouts</i> .
Rectifier Anode Type	Type of anode such as graphite or high silicon material. Add the field in either the Rectifier Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information</i> or <i>Inspection grids > Customize > Layouts</i> .
Rectifier Current Adjusted	Check box for indicating a change was made to the rectifier current at inspection. When a change is made (1) click to add a check mark in the Rectifier Current Adjusted check box, (2) enter the adjusted reading in the fields Rectifier Output Volts Left and Rectifier Output Current Left. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Inspection grids > Customize > Layouts</i> .
Rectifier Current Density	A calculated report field indicating the amount of current required per square foot to change a structure's potential to -0.85 volts.
Rectifier Current Distributions	Number of pipelines receiving current from a rectifier. This field is generated by PCS Axis as current distributions are added. See CPDM module, <i>Reports/ Graphs > Survey Report</i> .
Rectifier Output Current Found	Initial rectifier reading at inspection measured in Amps. Add the field Activate Rectifier Output Current Found in the Information grid to allow data entry in the Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information</i> and <i>Inspection grids > Customize > Layouts</i> . PCS Axis multiplies the initial rectifier reading by the rectifier shunt factor when the fields <i>Rated Rectifier Output Volts</i> and <i>Rated Rectifier Output Current</i> are populated in the Rectifiers Information grid.

Table A-1. System Field Descriptions (continued)

Name	Description
Rectifier Output Current Found Maximum/Minimum	Maximum and minimum value (measured in Amps) allowed for data entry in the field Rectifier Output Current Found. Add the fields in either the Rectifier Information or Inspection grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information</i> or <i>Inspection grids > Customize > Layouts</i> .
Rectifier Output Current Left	Rectifier reading after making adjustments to the rectifier output current at inspection (measured in Amps). Also see description for Rectifier Output Current Found. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Inspection grids > Customize > Layouts</i> .
Rectifier Output Shunt Factor	Amperage value of the anode shunt factor. Refers to the shunt used to measure the output current of each anode in a positive junction box. Shunt factor includes the value in this field and the value entered in the field Rectifier Output Shunt Rating. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grids > Customize > Layouts</i> .
Rectifier Output Volts Found	Initial rectifier reading at inspection measured in volts. Add and enable the field Activate Rectifier Output Volts Found in the Rectifier Information grid to allow data entry in the Inspections grid. Also refer to the description Rectifier Current Adjusted. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information and Inspection grids > Customize > Layout</i> .
Rectifier Output Volts Found Maximum/Minimum	Maximum and minimum voltage value allowed for data entry in the field Rectifier Output Volts Found. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information or Inspection grids > Customize > Layouts</i> .
Rectifier Output Volts Left	See description for Rectifier Current Adjusted.

Table A-1. System Field Descriptions (continued)

Name	Description
Repair Priority	Code number for identifying how soon repair work should begin. The field accepts up to five alphanumeric characters including spaces, such as A #123. This field is available for use in all modules. See <i>Data Entry > Edit <module> Data > Maintenance grid > Customize > Layouts</i> .
Revolutions	Number of times a power meter wheel has rotated in a specific time period. This field is used to calculate the value in the Efficiency field. Add and enable the field Activate Revolutions in the Rectifier Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information and Inspection grids > Customize > Layout</i> .
RFID	Radio-frequency identification number populated either by transferring an Allegro Periodic Survey (PS) to PCS Axis or manual entry in a grid. This field is available for use in all modules. See <i>Data Entry > Edit <module> Data > Information, Inspection, or Maintenance grid > Customize > Layouts</i> .
ROW Currently Active	Check box for indicating when a pipeline is active or inactive according to survey status. Field is available for use in all modules. See <i>Data Entry > Edit <module> Data > Information grid</i> .
Seconds	Amount of time in seconds that has elapsed for the number of Revolutions. This field is used to calculate the value in the Efficiency field. Add and enable the field Activate Seconds in the Rectifier Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information and Inspection grids > Customize > Layout</i> .
Series	Use <i>Series</i> to adjust or shift milepost numbers for a pipeline when adding a pipeline extension, re-routing a pipeline, or designating two pipelines as parallel lines. The calculated milepost number resulting from a <i>Series</i> is referred to as Relative Milepost. See CPDM module <i>Data Entry > Pipeline Series</i> .

Table A-1. System Field Descriptions (continued)

Name	Description
Signal Strength	<p>Signal strength of the voltage gradient (IR drop) at survey points along the pipeline as measured in millivolts (mV) by a voltmeter during a DCVG survey.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > DCVG</i>.</p>
Soil Resistivity (Ohm/cm)	<p>Use this field to record soil resistivity measurements along the pipeline. Measurements are in Ohm-centimeters (Ohm/cm).</p> <p>See ISM, <i>Data Entry > Edit ISM Data > Soil Resistivity</i>.</p>
South P/S	<p>Structure reading in volts when a half-cell is placed near the east side of a tank. Add and enable Activate Cardinal Points in the Tank Information grid to allow data entry in the Inspections grid.</p> <p>See CPDM, <i>Data Entry > Edit CPDM Data > Tank > Information and Inspection grids > Customize > Layouts</i>.</p>
South P/S Maximum/Minimum	<p>Maximum and minimum voltage value allowed for data entry when entering a structure reading in the South P/S field.</p>
SRB	<p>Amount of sulfate-reducing bacteria (SRB) measured as parts per million (Ppm). Add and enable Activate SRB in the Samples Information grid to allow data entry in the Inspections grid. See ICM, <i>Data Entry > Edit CPDM Data > Samples > Information and Inspection grids > Customize > Layouts</i>.</p>
Start Date	<p>First day of a start and end date range, such as a start date of 05/04/2012 and an end date of 08/06/2012. A date range is typically used when generating a schedule or when defining a survey folder. This field is available in all modules. See <i>Data Entry > Edit <module> Data > Information or Inspection</i> grid.</p>
Station Marker	<p>See description for Milepost.</p>

Table A-1. System Field Descriptions (continued)

Name	Description
Station Number	Use this field to enter testing or facility location numbers on a pipeline (such as 23+124). Station numbers are also referred to as milepost, milepost marker, or station marker.
Station Number Maximum	A derived field showing the highest station number from survey readings in a continuous survey. See continuous survey types CIS, AC CIS, DCVG and so on in Indirect Survey Manager (ISM). Also see <i>Working with Derived Fields</i> (page 226).
Station Number Minimum	A derived field showing the lowest station number from survey readings in a continuous survey.
Structure IRF and Structure IRF-CIS	<p>Potential of the pipe, relative to the soil, with interrupted rectifier current (measured in volts). Use this field to enter pipe-to-soil "off" measurements taken at a site with all DC sources interrupted.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > CIS</i>.</p> <p>In CPDM, add and enable <i>Activate Structure IRF</i> in the <i>Test Point Information</i> grid to allow data entry in the <i>Inspections</i> grid.</p>
Structure P/S and Structure P/S-CIS	<p>Potential of the pipe relative to the soil measured in volts. Use this field to enter pipe-to-soil "on" measurements taken at a site with all DC sources operational.</p> <p>See ISM, <i>Data Entry > Edit ISM Data > CIS</i>.</p> <p>In CPDM, add and enable the field <i>Activate Structure P/S</i> in the <i>Test Point Information</i> grid to allow data entry in the <i>Inspections</i> grid.</p>
Surface Area	Total length and width of the pipeline expressed in feet. This field is used to determine <i>Efficiency</i> in the <i>Current Density</i> report. See any module > Data Entry > Edit ROW Detail.

Table A-1. System Field Descriptions (continued)

Name	Description
Surface Condition	Surface condition of the pipeline. The field accepts up to five alphanumeric characters. See LSM, <i>Data Entry > Edit LSM Data > Maintenance grid > Customize > Layouts.</i>
Surface Covering	Type of coating or covering on the pipeline. See LSM, <i>Data Entry > Edit LSM Data > Maintenance grid > Customize > Layouts.</i>
Survey Date	Date an inspection or survey reading was taken.
Survey Interval	Potential measurements taken at regular intervals for assessing the level of cathodic protection (CP). The system default is 2.5 feet for DC and AC close interval surveys (CIS and AC CIS) in ISM.
Survey Name	Identifies the survey folder a survey reading is assigned to. Field is available for use in all modules. See <i>Data Entry > Edit <module> Data > Inspection grid > Customize > Layouts.</i> For periodic survey readings in CPDM, use the fields Periodic Survey and Periodic Survey Year instead.
Survey Remarks	Remark or comment associated with a test point, rectifier, bond, anomaly, or landmark for a particular survey.
Surveyor	Name of person conducting a survey.
Tap Settings	Coarse or fine tap settings for rectifier output adjustment, such as C2F3. Add and enable Activate Tap Settings in the Rectifier Information grid to allow data entry in the Inspections grid. See CPDM, <i>Data Entry > Edit CPDM Data > Rectifier > Information and Inspection grids > Customize > Layouts.</i>
Total Footage	Total number of feet for pipeline segment.

Table A-1. System Field Descriptions (continued)

Name	Description
Uncompensated Off	Pipe-to-soil "OFF" (P/S) value received from the Allegro Field Computer. This is the raw reading without telluric compensation. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Detail Inspection</i> mini-grid.
Uncompensated On	Pipe-to-soil "On" (P/S) value received from the Allegro Field Computer. This is the raw reading without telluric compensation. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point Detail Inspection</i> mini-grid.
Unregistered Milepost	An unregistered milepost is a milepost in an imported stationary survey that does not match an existing milepost in PCS Axis for the currently selected ROW (pipeline segment). Unregistered mileposts relate only to the associated stationary survey and are not considered as facilities in PCS Axis. Unregistered mileposts are however used in telluric compensation. Also refer to <i>Existing Facilities</i> . See CPDM, <i>Data Entry > Stationary Survey Maintenance > Snap To Facility</i> .
User IR Correction	When a value is entered in User IR Correction, PCS Axis uses the value to calculate Target P/S instead of using the absolute difference between Structure P/S and Structure IRF. See CPDM, <i>Data Entry > Edit CPDM Data > Test Point > Inspection grid > Customize > Layouts</i> .
Valve Coating	Condition of valve coating at inspection. Add and enable Activate Valve Coating in the Information grid to allow data entry in the Inspections grid. See VM, <i>Data Entry > Edit VM Data > Information and Inspection grids > Customize > Layouts</i> .
Valve Condition	General condition of valve at inspection. Add and enable Activate Valve Condition in the Information grid to allow data entry in the Inspections grid. See VM, <i>Data Entry > Edit VM Data > Information and Inspection grids > Customize > Layouts</i> .

Table A-1. System Field Descriptions (continued)

Name	Description
Valve Operated	Check box for indicating if the valve was manually operated. Add and enable Activate Valve Operated in the Information grid to allow use of the field in the Inspections grid. See VM, <i>Data Entry > Edit VM Data > Information</i> and <i>Inspection</i> grids > <i>Customize > Layouts</i> .
Valve Pass/Fail	Status of the valve after inspection. Add and enable Activate Valve Pass/Fail in the Information grid to allow data entry in the Inspections grid. See VM, <i>Data Entry > Edit VM Data > Information</i> and <i>Inspection</i> grids > <i>Customize > Layouts</i> .
Valve Secured	Check box for indicating if the value was left secured. Add and enable Activate Valve Secured in the Information grid to allow use of the field in the Inspections grid. See VM, <i>Data Entry > Edit VM Data > Information</i> and <i>Inspection</i> grids > <i>Customize > Layouts</i> .
Valve Type	Type of valve such as block or plug. See VM, <i>Data Entry > Edit VM Data > Information</i> or <i>Inspection</i> grid > <i>Customize > Layouts</i> .
Vendor	Name of the company providing a service.