

Nicotra Device Data Form

Add Delete Change

Office:

Pipe:

Engineer:

Date:

Primary Specific Device Information**Device #:** (11, user defined)**Access #:** (8 or 11)**Type:** (2)**STD:** (4)**Address:** (30)**Loc:** (4)**Pipe:**(4)**Norm:** (7)**Chng:** (4)**Sheath(s):** (7-15 times)

Prim Cable: (7)

Prim Pair: (7)

Sec Pair: (7)

Sort Key: (5)

Plat #: (8)

Stickmap: (4)

Remarks: (70)

Monitor Specific Device Data

Latitude: (10)

Longitude: (11)

Office 1 Loc: (4)

Distance 1 (kft): (4)

Field 1 Loc: (4)

Office 2 Loc: (4)

Distance 2 (kft): (4)

Field 2 Loc: (4)

Nicotra/Contact Type: (4)

Relay: (1)

Thr 1: (4)

Thr 2: (4)

Debounce: (4)

Enable: (Y/N)

Field names that are in **BOLD** face, if they apply to the device type, are necessary for PressureMAP to function properly.

The screens that complete the device data entry procedure are the Primary Specific Device Information Screen, the Monitor Specific Device Screen, the Device Comments Screen, and the Cable Readings Screen. These screens are accessed from the Primary Specific Device Information Screen, by using the **<PgUp>** and **<PgDn>** keys (if you are at the MAP Computer main console) or by entering the keystrokes **<Ctrl><F>**, (forward one screen), and **<Ctrl><R>**, (back a screen).

The Field Names UNDERLINED, if they apply to the device type, need to be filled in for PressureMAP to function properly.

<u>DEVICE #</u>	The unique number of the monitoring device. For pressure devices the format is NN-TTT (NN=cable number 01-32; TTT=transducer number 001-127). For contact alarms format is C-NNN (NNN=contact number).
<u>ACCESS #</u>	Will be displayed if User Defined Device Numbers is turned ON, and holds the actual access number of the monitoring unit.
<u>TYPE</u>	This field holds the PressureMAP two-letter Device Type. See Data Entry Appendix 1.
<u>STD</u>	The KPA value for high priority pressure transducers (\$P devices).
<u>ADDRESS</u>	The device address location from the Master Transducer Log.
<u>LOCATION</u>	Must not be duplicated within an office, usually number between 0 and 9,999. Note: All CO devices use Location Code 0.
<u>PIPE</u>	Assigned or existing pipe names up to a maximum of four characters.
<u>NORM</u>	This field should reflect what Contactors and Contact Alarms read in a normal, non-alarm state.
<u>CHNG</u>	The amount of change before a device goes into alarm, used with \$P devices, as well as the STD field.
<u>SHEATH(S)</u>	Sheath #/id of the cable monitored, or identity of cables being fed by an air pipe manifold or distribution panel.
<u>CABLE</u>	This field holds the primary (read) cable number.
<u>PRIM PAIR</u>	The wire number of the primary conductor pair to which the device is connected.
<u>SEC PAIR</u>	The number to the backup conductors to the primary pair if they exist.
<u>SORT KEY</u>	This field is for user defined device sorting.
<u>PLAT #</u>	The underground, buried, or aerial record number.
<u>STICKMAP</u>	The sheet number of the office stickmap on which the device appears.
<u>REMARKS</u>	This data field allows for a 70-character remark.
<u>LATITUDE</u>	The format: ldd+mm.mmm, l designating hemisphere the latitude applies to (N or S); dd is number between 00 and 90 indicating degrees of latitude; and mm.mmm is number between 0.0 and 59.999 designating minutes of latitude.
<u>LONGITUDE</u>	The format: hfff+mm.mmm, h designating hemisphere the longitude applies to (E or W); fff is number between 000 and 180 indicating degrees of longitude; and mm.mmm is number between 0.0 and 59.999 designating minutes of longitude.
Office and Field Locations do not necessarily apply to each device. If not, they should be left blank.	
<u>OFC 1 LOC</u>	Location Code of first device toward the central office from device location where the cable is fed/monitored.
<u>DISTANCE 1(km)</u>	Distance, in kilometers, from the device location to the OFC 1 location.
<u>OFC 2 LOC</u>	If 2 monitored sheaths on office side converge at device, office device locations of sheaths are OFC 1/OFC 2.
<u>DISTANCE 2(km)</u>	Distance from specified device location to the OFC 2 location.
<u>FIELD 1 LOC</u>	Location Code of first device location on the field side of the specified device where the cable is fed/monitored.
<u>FIELD 2 LOC</u>	If sheath splits on field side of device, closest monitoring device on each sheath is assigned a field Location Code.
<u>NICOTRA TYPE</u>	Enter the Nicotra pressure transducer type (0-128) in this field.
<u>CONTACT TYPE</u>	Enter contact alarm type in this field: NC (normally closed) or NO (normally open).
<u>RELAY</u>	The alarm relay number (0-3).
<u>THR 1, THR 2</u>	These two fields hold the threshold values programmed into the Nicotra for pressure transducers. Each value is a number from 800-2000 (hertz). PressureMAP does not alarm on the input from these two fields; they are for record-keeping purposes only.
<u>DEBOUNCE</u>	This field holds the "debounce" time, entered in seconds using a decimal point.
<u>ENABLED</u>	This contact alarm device field may be set to Y or N.