

# Chatlos/Hercules Device Data Form

Add   Delete   Change



Office:

Pipe:

Engineer:

Date:

## Primary Specific Device Information

Device #: (10)	Access #: (6)	Type: (2)	Range: (4)	S-M:/Loop: (7)
			PSI: (4)	SAU:/STD: (4)
Address: (30)		Loc: (4)	Pipe:(4)	Norm: (7)
		OAU: (4)	Chng: (4)	
Sheath(s): (7-15 times)				
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)	
Module: (2)	Phone #: (8)	TP: (1)	CKT # (6)	
Priority: (1)	Level: (4)	Escalation: (2)	Recognition: (3)	
Program Flag: (1)				

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.

**DEVICE #** The unique number of the monitoring device, the Chatlos Device Code is the first character. See Table 4-1, Chatlos Data Entry.

**ACCESS #** Will be displayed if User Defined Device Numbers is turned ON, and holds the actual access number of the monitoring unit.

**TYPE** This field holds the PressureMAP two-letter Device Type. See Data Entry Appendix 1.

**RANGE** For device types: SF, DF, RF, MF, LF, CF and \$F. On Chatlos printout under "Type" column (9.5 SCFH for W, 20 SCFH for X, 50 SCFH for Y, or 100 SCFH for Z).

**S-M** The Sheath Mile (S-M) field only needs to be completed for devices that monitor air flow.

**LOOP** The value of the loop resistance of the contactor when it is operated in an alarm state.

**PSI** For contactors (\*C devices) and source pressure transducers (SP devices).

**SAU** The Standard Air Usage of high priority flow devices (\$F and \$V devices).

**STD** The PSI value for high priority pressure transducers (\$P devices).

**ADDRESS** The device address location from the Master Transducer Log.

**LOC** Must not be duplicated within an office, usually number between 0 and 9,999. Note: All CO devices use Location Code 0.

**PIPE** Assigned or existing pipe names up to a maximum of four characters.

**NORM** This field should reflect what Contactors and Contact Alarms read in a normal, non-alarm state.

**OAU** This field only needs to be completed for devices that monitor air flow.

**CHNG** The amount of change before a device goes into alarm, used with the \$F, \$V, and \$P devices, as well as the STD and SAU fields.

**SHEATH(S)** Sheath #/id of the cable monitored, or identity of cables being fed by an air pipe manifold or distribution panel.

**CABLE** This field holds the primary (read) cable number.

**PRIM PAIR** The wire number of the primary conductor pair to which the device is connected.

**SEC PAIR** The number to the backup conductors to the primary pair if they exist.

**SORT KEY** This field is for user defined device sorting.

**PLAT #** The underground, buried, or aerial record number.

**STICKMAP** The sheet number of the office stickmap on which the device appears.

**REMARKS** This data field allows for a seventy character remark.

**LATITUDE** 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.

**LONGITUDE** 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.

**OFC 1 LOC** Location Code of first device toward the central office from device location where the cable is fed/monitored.

**DISTANCE 1(kft)** Distance, in kilofeet, from the device location to the OFC 1 location.

**FIELD 1 LOC** Location Code of first device location on the field side of the specified device where the cable is fed/monitored.

**OFC 2 LOC** If 2 monitored sheaths on office side of device converge at device, office device locations of sheaths are OFC 1/OFC 2.

**DISTANCE 2(kft)** Distance from specified device location to the OFC 2 location.

**FIELD 2 LOC** If sheath splits on field side of device, closest monitoring device on each sheath is assigned a field Location Code.

**MODULE** Enter the Chatlos module type in this field. Two common types are ST for subscriber and DT for dedicated.

**PHONE #** The eight character phone number assigned to a device wired to a subscriber module.

**TP** The letter Chatlos device type designation on the Chatlos printout (X,Y or Z for flow; U,A,B, or E for pressure; D for air dryer).

**CKT #** The 1 to 4 character Chatlos circuit number assigned to the device.

**PRIORITY** The priority number or alarm rating between 1 and 9 from the Chatlos printout.

**LEVEL** The alarm level from the Chatlos printout.

**ESCALATION** Used by PressureMAP only for auto programming, the number of times (between 1 and 99) that the device has gone in and out of alarm before the Chatlos or Hercules issues an escalation alarm.

**RECOGNITION** The number of seconds (between 1 and 999) that an alarm condition must persist before it is recognized as a genuine alarm by the Chatlos or Hercules. PressureMAP uses the entry for the automatic programming of the Chatlos L3 or Hercules monitors.

**PROGRAM FLAG** Designates whether or not a device will be automatically programmed into the Chatlos or Hercules by PressureMAP. Default value is "N" (no); "Y" entry represents yes.