PM

The PM Table

Table

Main object

psdi.app.pm.PMSet

UniqueID: PMUID

Primary key: SITEID + PMNUM

LOGICAL RELATIONSHIPS

FOREIGN KEYS INTO PM

Object(Parent Keys)	Target Object(Target Keys)	Rel Number	Description
PM(SITEID, PMNUM)	CHARPOINTACTION(SITEID, PMNUM)	1 to many	PM
PM(SITEID, PMNUM)	LNRRECALIB(SITEID, PMNUM)	1 to many	PM
PM(SITEID, PMNUM)	LNRRECALIBNONAF(SITEID, PMNUM)	1 to many	PM
PM(SITEID, PMNUM)	MEASUREPOINT(SITEID, LLPMNUM)	1 to many	PM activated by lower limit measurement.
PM(SITEID, PMNUM)	MEASUREPOINT(SITEID, ULPMNUM)	1 to many	PM activated by upper limit measurement.
PM(SITEID, PMNUM)	PLUSCPMEXTDATE(SITEID, MASTERPMNUM)	1 to many	PM
PM(SITEID, PMNUM)	PLUSCPMEXTDATE(SITEID, PMNUM)	1 to many	PM
PM(SITEID, PMNUM)	PM(SITEID, MASTERPM)	1 to many	Master PM
PM(SITEID, PMNUM)	PM(SITEID, PARENT)	1 to 1	Parent PM
PM(SITEID, PMNUM)	PMANCESTOR(SITEID, ANCESTOR)	1 to many	List of the PM and its descendants.
PM(SITEID, PMNUM)	PMANCESTOR(SITEID, PMNUM)	1 to many	List of the PM and its ancestors.
PM(SITEID, PMNUM)	PMFORECAST(SITEID, PMNUM)	1 to many	Work forecasted by PMs
PM(SITEID, PMNUM)	PMFORECASTJP(SITEID, PMNUM)	1 to many	Job Plans forecasted by PMs
PM(SITEID, PMNUM)	PMFORECASTJP(SITEID, ROOTANCESTOR)	1 to many	PM
PM(SITEID, PMNUM)	PMMETER(SITEID, PMNUM)	1 to many	Meter readings for the PM
PM(SITEID, PMNUM)	PMSEASONS(SITEID, PMNUM)	1 to 1	Season defined for a PM
PM(SITEID, PMNUM)	PMSEQUENCE(SITEID, PMNUM)	1 to many	Job Plans used by PM
PM(SITEID, PMNUM)	SKDACTIVITYQBE(SITEID, PMNUM)	1 to many	SKD Activity QBE PM
PM(SITEID, PMNUM)	SKDPMFORECAST(SITEID, PMNUM)	1 to many	PM
PM(SITEID, PMNUM)	SKDPMFORECASTJP(SITEID, PMNUM)	1 to many	PM
PM(SITEID, PMNUM)	SKDPMFORECASTJP(SITEID, ROOTANCESTOR)	1 to many	PM"s top-level parent
PM(SITEID, PMNUM)	WMASSIGNMENT(SITEID, PMNUM)	1 to 1	PM for work order
PM(SITEID, PMNUM)	WOACTIVITY(SITEID, PMNUM)	1 to many	PM for an Activity
PM(SITEID, PMNUM)	WOCHANGE(SITEID, PMNUM)	1 to many	PM for a Change
PM(SITEID, PMNUM)	WOGEN(SITEID, PMNUM)	1 to many	PM for a forecasted PM generated Work Order
PM(SITEID, PMNUM)	WORELEASE(SITEID, PMNUM)	1 to many	PM for a Release
PM(SITEID, PMNUM)	WORKORDER(SITEID, PMNUM)	1 to many	PM for a Work Order

PM FOREIGN KEYS

Object(Parent Keys)	Target Object(Target Keys)	Rel Number	Description
AMCREW(ORGID, AMCREW)	PM(ORGID, AMCREW)	1 to many	Crew
ASSET(SITEID, ASSETNUM)	PM(SITEID, ASSETNUM)	1 to many	PM"s Asset
ASSETFEATURE(ASSETFEATUREID)	PM(ASSETFEATUREID)	1 to many	Asset Feature
ASSETFEATURE(ASSETFEATUREID)	PM(ENDASSETFEATUREID)	1 to many	End Asset Feature
ASSETFEATURE(ASSETFEATUREID)	PM(STARTASSETFEATUREID)	1 to many	Start Asset Feature
CALENDAR(ORGID, CALNUM)	PM(ORGID, CALENDAR)	1 to many	Calendar used by PM
LANGUAGE(MAXLANGCODE)	PM(LANGCODE)	1 to many	Language for the record
LOCATIONS(SITEID, LOCATION)	PM(SITEID, LOCATION)	1 to many	PM"s Location
LOCATIONS(SITEID, LOCATION)	PM(STORELOCSITE, STORELOC)	1 to many	Storeroom used for PM generated work orders.
ORGANIZATION(ORGID)	PM(ORGID)	1 to many	Organization for the record
PERSON(PERSONID)	PM(CHANGEBY)	1 to many	Person who last changed the record.
PERSON(PERSONID)	PM(LEAD)	1 to many	Person leading PM work.

Object(Parent Keys)	Target Object(Target Keys)	Rel Number	Description
PERSON(PERSONID)	PM(OWNER)	1 to many	Owner of the PM
PERSON(PERSONID)	PM(SUPERVISOR)	1 to many	Supervisor for PM work.
PERSONGROUP(PERSONGROUP)	PM(ASSIGNEDOWNERGROUP)	1 to many	Group that owns PM generated work.
PERSONGROUP(PERSONGROUP)	PM(OWNERGROUP)	1 to many	Group that owns the PM
PERSONGROUP(PERSONGROUP)	PM(PERSONGROUP)	1 to many	Person Group assigned to the generated work.
PERSONGROUP(PERSONGROUP)	PM(CREWWORKGROUP)	1 to many	Crew Work Group
PM(SITEID, PMNUM)	PM(SITEID, MASTERPM)	1 to many	Master PM
PM(SITEID, PMNUM)	PM(SITEID, PARENT)	1 to 1	Parent PM
ROUTES(SITEID, ROUTE)	PM(SITEID, ROUTE)	1 to many	Routes for PM
SITE(SITEID)	PM(SITEID)	1 to many	Site for the record

COLUMNS

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
PMNUM	Required	PM	Identifies the PM. This value must be unique for all PM records.		
DESCRIPTION		Description	Describes the PM. To enter or view additional information, click the Long Description button.	DESCRIPTION	WORKORDER
ASSETNUM		Asset	Asset on which the preventive maintenance is done.	ASSETNUM	ASSET
FIRSTDATE		First Start Date	First Start Date		
LASTCOMPDATE		Last Completion Date	Latest completion date of any work order that is generated from this PM. This field is automatically updated when a PM work order is completed or closed.		
LASTSTARTDATE		Last Start Date	Date on which the last work order generated from the PM was targeted to start. The frequency count between time-based PM work orders starts with either this date or the last completion date. When you do not use frequency criteria while generating work orders, the last start date is set to the system date if the PM is not due.		
USETARGETDATE	Required	Use Last Work Order's Start Date to Calculate Next Due Date	Select this check box if you want to use the target start date of the last PM work order to calculate the due date of the next PM work order. Clear this check box if you want to use the completion date of the last PM work order to calculate the next due date.		
FREQUENCY	Required	Frequency	Frequency in the unit of time that is specified in the Frequency Units field		
PMCOUNTER	Required	Counter	Number of work orders generated from the PM since the First Start Date. The counter is set to zero when you insert a new PM record, and increases each time you generate a top-level work order from the PM. If you are using a job plan sequence, the job plan is selected after the counter increments.		
PRIORITY		Priority	Priority of work orders generated from this PM.		
WORKTYPE		Work Type	Classification or type of work order generated from this PM.	WORKTYPE	WORKTYPE

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
JPNUM		Job Plan	Identifies the job plan associated with this PM.	JPNUM	JOBPLAN
JPSEQINUSE	Required	Use Job Plan Sequences	Specifies whether the PM uses job plan sequences. If the check box is selected, the PM generates different work orders each time based on a job plan sequence. If the checkbox is cleared, the PM generates identical work orders every time.		
NEXTDATE		Estimated Next Due Date	If you selected the Use Last Work Order's Start Information to Calculate Next Due Date check box, it is the date that is calculated by adding the frequency value to the target start date of the last work order. If you did not select that check box, it is calculated by adding the frequency value to the completion date of the last work order.		
CHANGEDATE	Required	Changed Date	Date PM Last Changed		
CHANGEBY	Required	Changed By	Person Who Entered-Modified PM	PERSONID	PERSON
PMEQ1		PMEQ1	Extra Field Copied From Asset	EQ9	ASSET
SUPERVISOR		Supervisor	Person or craft responsible for implementing the work order. Maximo copies this field from either a single job plan on the PM, or from the first job plan in a job plan sequence. If you change the job plan associated with the PM, you must update this field manually.	PERSONID	PERSON
CALENDAR		Calendar	Calendar to determine shift work is to be done on.	CALNUM	CALENDAR
CREWID		Crew	Work crew assigned to work orders generated from this PM. Maximo copies this field from either a single job plan on the PM, or from the first job plan in a job plan sequence. If you change the job plan associated with the PM, you must update this field manually.	CREWID	LABOR
DOWNTIME	Required	Downtime	Does the Asset have to be down to perform work order?		
PMEQ2		PMEQ2	PM Extra Field #11	EQ23	ASSET
PMEQ3		PMEQ3	PM Extra Field #12	EQ24	ASSET
GLACCOUNT		GL Account	General ledger account to which costs on work orders generated from this PM are charged.		
LOCATION		Location	Location where work is done when work orders are generated from this PM.	LOCATION	LOCATIONS
STORELOC		Storeroom	The storeroom for materials on a PM with an associated job plan. If you leave this field blank, Maximo will populate this field with your default storeroom.	LOCATION	LOCATIONS
PARENT		Parent	PMNUM of this PMs parent.	PMNUM	PM

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
HASCHILDREN	Required	Has Children	Specifies whether the PM has any child PMs. If the check box is selected, the PM has child PMs associated with it. If the checkbox is cleared, the PM has no child PMs.		
WOSEQUENCE		Sequence	WO Sequence number. Copied to WorkOrder.WOSequence.	WOSEQUENCE	WORKORDER
USEFREQUENCY	Required	Use this PM to Trigger PM Hierarchy	Tells the Generate WO function that the frequency for a lower level PM should be checked when determining if all of the PMs in the hierarchy should be generated.		
ROUTE		Route	Identifies the route associated with the PM. A route is a list of stops that represent asset or work locations. When you generate work orders from a PM with an associated route, you create a parent work order for the asset shown in the Asset or Location field or for the GL account, and a child work order for each asset listed on the route.	ROUTE	ROUTES
FREQUNIT	Required	Frequency Units	Frequency Units DAYS WEEKS MONTHS or YEARS		
LEADTIME		Lead Time (Days)	The number of days in advance of the Next Due Date that Maximo generates work orders from this PM. The target start date for the work order will still be the Next Due Date. You must Select the Lead Time Active checkbox before you can enter or edit data in this field.		
EXTDATE		Extended Date	If Extended Date supplied it overrides Next Due Date.		
ADJNEXTDUE	Required	Adjust Next Due Date	Adjust the next due date after generation?		
MASTERPM		Master PM	Identifies the master PM record associated with this PM.	PMNUM	PM
OVERRIDEMASTERUPD	Required	Override Updates from Master PM	Specifies whether changes to the Master PM will update this PM. If the checkbox is selected, changes to the Master PM will not affect this PM. If the checkbox is cleared, changes to the master PM will roll down to this PM whenever the Update Associated PMs action is performed.		
WOSTATUS	Required	Work Order Status	Identifies the initial status of generated work orders.	STATUS	WORKORDER
ORGID	Required	Organization	Organization Identifie	ORGID	ORGANIZATION
SITEID	Required	Site	Identifies the site.	SITEID	SITE
PMACTMETER	Required	Generate Work Order Based on Meter Readings (Do Not Estimate)	PM Actual Meter Reading	USEFREQUENCY	PM
PMASSETWOGEN	Required	Generate Work Order When Meter Frequency is Reached	Flag that indicates to generate work orders automatically from a PM when meter frequency is reached.	USEFREQUENCY	PM
DESCRIPTION_LONGDESCRIPTION	Nonperistent	Details	Long Description for One Line Short Description Of PM		

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
LEADTIMEACTIVE	Required Nonperistent	Lead Time Active	Specifies whether you want to apply lead time when generating work orders from this PM. If the chechbox is selected (the default), Maximo generates work orders a nukmber of days in advance of the Next Due Date. The number of days is defined in the Lead Time Days field. If teh checkbox is cleared, no lead time is applied to the Next Due Date.		
OWNER		Owner	The person who will be responsible for the work order generated from this PM.	PERSONID	PERSON
LEAD		Lead	The lead person for the work order generated from this PM.	PERSONID	PERSON
PARENTCHGSSTATUS	Required	Child Work Orders and Tasks Will Inherit Status Changes	Specifies whether the child work order should change its status when the parents status changes. If the check box is selected, the status of the child work orders will change. If the check box is cleared, the status of the child work orders will not change.		
STATUS		Status	Status of the PM.		
PMUID	Required	PMUID	Unique id for PM		
SUNDAY	Required	Sunday	Flag to indicate if this day is active for the PM		
MONDAY	Required	Monday	Flag to indicate if this day is active for the PM		
TUESDAY	Required	Tuesday	Flag to indicate if this day is active for the PM		
WEDNESDAY	Required	Wednesday	Flag to indicate if this day is active for the PM		
THURSDAY	Required	Thursday	Flag to indicate if this day is active for the PM		
FRIDAY	Required	Friday	Flag to indicate if this day is active for the PM		
SATURDAY	Required	Saturday	Flag to indicate if this day is active for the PM		
ALERTLEAD		Alert Lead (Days)	Acceptable period (in days), prior to the PM due date, during which the PM may be performed.	LEADTIME	PM
PERSONGROUP		Work Group	Identifies the Person Group for the supervisor.	PERSONGROUP	PERSONGROUP
STORELOCSITE		Storeroom Site	Specifies the Storeroom's Site of an item	SITEID	SITE
OWNERGROUP		Owner Group	The person group who will be responsible for the work order generated from this PM.	PERSONGROUP	PERSONGROUP
NP_STATUSMEMO	Nonperistent	Change Status Memo	Status change memo, temporary non-persistent field used by MEA	MEMO	WFTRANSACTION
LANGCODE	Required	Language Code	Language Column	MAXLANGCODE	LANGUAGE
INTERRUPTIBLE	Required	Interruptible	Specifies if the work order created from this PM is allowed to be stopped and restarted during resource scheduling. If the checkbox is selected, the work order can be stopped and restarted. If the checkbox is cleared, the work order cannot be interrupted for resource scheduling.		

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
PMCOUNT	Nonperistent	New PM Counter	Non-Persistent PM Counter Field		
ERLSTWOGENDATE	Nonperistent	Earliest Next Due Date	Earliest next due date for a work order generated from this PM.		
HASLD	Required	Has Long Description	Boolean flag to indicate if there is any long description for this record		
JPASSETS	Required Nonperistent	Show Job Plans associated with current Work Assets	Non persistent field for Job Plan lookup		
STATUSIFACE	Required Nonperistent	Has Status Changed	Non persistent boolean field to indicate whether the status has been changed after the stateful object is fetched from the database.		
JPCLASS	Nonperistent	WO Class	non-persistent attribute used in the job plan lookup to filter for a specific class of job plans. The Class field will default to the class of the current record and the initial lookup will show job plans associated with that class.	WOCLASS	WORKTYPE
JPINCLUDECLASSLESS	Required Nonperistent	Show Job Plans with No Classes Defined	non-persistent attribute used by the job plan lookup to determine whether or not job plans without a WO class should be available.		
STARTASSETFEATUREID		Start Asset Feature ID	A previously defined feature or relationship used, in conjunction with the start offset, to determine the start measure for this linear segment.	ASSETFEATUREID	ASSETFEATURE
ENDASSETFEATUREID		End Asset Feature ID	A previously defined feature or relationship used, in conjunction with the end offset, to determine the end measure for this linear segment.	ASSETFEATUREID	ASSETFEATURE
ENDMEASURE		End Measure	Absolute distance taken from the start of the linear asset to where this PM segment ends. This can be manually entered or calculated by entering an end reference point and end offset.	STARTMEASURE	ASSET
ENDOFFSET		End Offset	Distance used in conjunction with the end reference point to determine where the PM work location ends.	STARTMEASURE	ASSET
ENDYOFFSET		End Y Offset	Perpendicular distance from this linear asset. For example, if a sign is 10 feet to the right of the road, the Y-Offset is 10 feet. This value is measured from the Y Reference Point and can be positive (right) or negative (left).	STARTMEASURE	ASSET
ENDZOFFSET		End Z Offset	Distance above or below this linear asset. For example, if a sign is 10 feet above the road, the Z-Offset is 10 feet. This value is measured from the Z Reference Point and can be positive (above) or negative (below).	STARTMEASURE	ASSET

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
STARTMEASURE		Start Measure	Absolute distance taken from the start of the linear asset to where the work for this PM will take place. This can be manually entered or calculated by entering a start reference point and start offset.	STARTMEASURE	ASSET
STARTOFFSET		Start Offset	Distance used in conjunction with the start reference point to determine where the PM work location begins.	STARTMEASURE	ASSET
STARTYOFFSET		Start Y Offset	Perpendicular distance from this linear asset. For example, if a sign is 10 feet to the right of the road, the Y-Offset is 10 feet. This value is measured from the Y Reference Point and can be positive (right) or negative (left).	STARTMEASURE	ASSET
STARTZOFFSET		Start Z Offset	Distance above or below this linear asset. For example, if a sign is 10 feet above the road, the Z-Offset is 10 feet. This value is measured from the Z Reference Point and can be positive (above) or negative (below).	STARTMEASURE	ASSET
ASSETFEATUREID		Asset Feature ID	Asset Feature that is the focus of work (e.g. Guardrail 127) as opposed to the start/end asset features that identify where the work takes place	ASSETFEATUREID	ASSETFEATURE
STARTYOFFSETREF		Start Y Offset Referent	The point from which the Y Offset is measured. The user can create a domain for this purpose. The value entered will not be used in calculations -- it is simply used to locate the feature in the field.		
ENDYOFFSETREF		End Y Offset Referent	The point from which the Y Offset is measured. The user can create a domain for this purpose. The value entered will not be used in calculations -- it is simply used to locate the feature in the field.		
STARTZOFFSETREF		Start Z Offset Referent	Reference point from which the start Z-Offset (distance above or below the linear asset) is measured.		
ENDZOFFSETREF		End Z Offset Referent	Point from which the Z-Offset is measured.		
FEATURE	Nonperistent	Feature	An object that exists on or alongside a linear asset that is not a point asset	FEATURE	FEATURES
FEATURELABEL	Nonperistent	Feature Label	Unique label used to differentiate features.	LABEL	ASSETFEATURE
STARTFEATURELABEL	Nonperistent	Reference Point	Unique label used to differentiate features.	LABEL	ASSETFEATURE
ENDFEATURELABEL	Nonperistent	Reference Point	Unique label used to differentiate features.	LABEL	ASSETFEATURE
BASEMEASUREUNITUID		Unit of Base Measure	Base Measurement Units	MEASUREUNITID	MEASUREUNIT
ENDBASEMEASURE		End Base Measure	An absolute measure that is calculated by converting from the end measure using a defined conversion method. Conversion methods are defined in the Assets application using the Add/Modify Conversions action.	STARTMEASURE	ASSET

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
ENDMEASUREUNITUID		Unit of End Measure	End Measure Units	MEASUREUNITID	MEASUREUNIT
ENDOFFSETUNITUID		Unit of End Offset	End Offset Units	MEASUREUNITID	MEASUREUNIT
STARTBASEMEASURE		Start Base Measure	An absolute measure that is calculated by converting from the end measure using a defined conversion method. Conversion methods are defined in the Assets application using the Add/Modify Conversions action.	STARTMEASURE	ASSET
STARTMEASUREUNITUID		Unit of Start Measure	Start Measure Units	MEASUREUNITID	MEASUREUNIT
STARTOFFSETUNITUID		Unit of Start Offset	Start Offset Units	MEASUREUNITID	MEASUREUNIT
BASEMEASUREUNITID		Unit of Base Measure	Usually, this is the same as the unit of measure for the asset. If they differ, Maximo will display measures in the unit of measure but will store measures in both the unit of measure and base unit of measure. A conversion between the unit of measure and base unit of measure, entered via the Units of Measure and Conversion Action in Assets, must exist if the base unit of measure differs from the unit of measure.	MEASUREUNITID	MEASUREUNIT
ENDMEASUREUNITID		Unit of End Measure	End Measure Units	MEASUREUNITID	MEASUREUNIT
STARTMEASUREUNITID		Unit of Start Measure	Start measure units	MEASUREUNITID	MEASUREUNIT
ENDOFFSETUNITID		Unit of End Offset	Unit of measure for the offset (before or after) from the end reference point of the asset on this PM.	MEASUREUNITID	MEASUREUNIT
STARTOFFSETUNITID		Unit of Start Offset	Unit of measure for the offset (before or after) from the start reference point of the asset on this PM.	MEASUREUNITID	MEASUREUNIT
SCHEDEARLY	Required	Schedule Early on Frequency Conflict	Check box determines how conflicts between the PM frequency and the day of the week are resolved. If the check box is selected, then the PM work order is conservatively assigned a Target Start on a selected day of the week that is earlier or the same as the normal frequency-based schedule date. If the check box is cleared, the PM work order will only be assigned a Target Start on a selected day of the week that is the same as or later than the normal frequency-based schedule date.		
TARGSTARTTIME		Target Start Time	Target time for starting the PM Work Order.		
REPFACSITEID	Nonperistent	Repair Facility Site	The site for the repair facility.	SITEID	SITE

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
REPAIRFACILITY	Nonperistent	Repair Facility	Specifies the repair facility location. A repair facility can take ownership of work orders from multiple sites in the same organization. User security can be configured to give permission to view work orders in multiple sites if the work orders are owned by a single repair facility.	LOCATION	LOCATIONS
USEASSETDEFREPFAC	Required Nonperistent	Use Asset's Default Repair Facility	Specifies whether the default repair facility of the asset is specified on generated work orders for the asset.		
ASSIGNEDOWNERGROUP		Assigned Owner Group	Identifies the owner group who will be responsible for the work order created with this PM. Use the Select Action menu to assign an owner group. You can enter a value either in this field or the Owner field.	PERSONGROUP	PERSONGROUP
PLUSCDUEDATE	Required	Due Date	Determines which PM is the one that establishes the Assets next calibration due date		
PLUSCJPREVNUM_NP	Nonperistent	Revision	Job Plan Revision Number		
INCLFORECAST	Required	Include this PM in the Forecast	Indicates if this PM should be included in the forecast		
LTDPMCOUNTER		Life To Date Counter	Number of work orders generated from the PM since the First Start Date. The counter is set to zero when you insert a new PM record, and increases each time you generate a top-level work order from the PM. If you are using a job plan sequence, the job plan is selected after the counter increments. Life to Date Counter cannot be reset by Set PM Counter.	PMCOUNTER	PM
LASTFORECASTDATE	Nonperistent	Last Forecast Date	The last date to which the PM has been forecasted. If this field is blank, no PM forecast has been generated.	FORECASTDATE	PMFORECAST
FORECASTEXISTS	Required Nonperistent	Forecast Exists	Indicates if this PM has forecasted dates. Forecasts are generated by choosing Generate Forecast from the Select Action menu or by using the PM Forecast cron task. This field is read only.		
REFORECAST	Required	Reforecast Subsequent Dates	Indicates if subsequent dates for this PM should be adjusted as a result of the New Date entered. If you select this checkbox, the forecast dates following the adjusted date will be reforecasted automatically. If you clear this checkbox, subsequent PM dates in the forecast will remain unchanged. If a forecast exists for this PM, this field is read-only.		
LOCKFORECAST	Required	Forecast Dates Locked	Indicates if New Dates can be modified or added to the forecast. If the check box is selected, no New Dates can be added or modified. To modify or add New Dates, select Unlock Forecast Dates from the Select Action menu.		

Attribute	Modifier	Title	Remarks	SameAsAttrib	SameAsObject
STCONOFFSET		Start Constraint Offset	The amount of time (in hours) to be subtracted from the Target Start date in order to calculate the Start No Earlier Than date of the work record.		
FNCONOFFSET		Finish Constraint Offset	The amount of time (in hours) to be added to the Target Finish date in order to calculate the Finish No Later Than date of the work record.		
COPYWHENINACTIVE	Required	Copy When Inactive on Receipt of Transferred Asset	Should this PM be copied to the new asset that is created on receipt of a cross-site or cross-organization asset transfer even if status is INACTIVE? The system uses this flag to determine which PMs became INACTIVE when the asset was SHIPPED so that the PMs are copied to the asset created in the new site or organization when the shipment is received. This flag pertains only to PMs created from Master PMs because these are the only PMs that are moved cross-site or cross-organization with an asset when it is transferred.		
CREWWORKGROUP		Crew Work Group	Identifies the resource pool to which the labor belongs.	PERSONGROUP	PERSONGROUP
AMCREW		Crew	Identifies the crew that performed the work.	AMCREW	AMCREW
REQASSTDWNTIME	Required	Require Asset Downtime	Indicates if the asset requires downtime while work is performed.	REQASSTDWNTIME	JOBPLAN
PMFPCOSTCALDATE		Last Calculated Date	The date when the PM forecast cost was last calculated.		
GRANDTOTALCOST		Grand Total Cost	The grand total cost for this PM forecast.	LINECOST	JOBLABOR
REPAIRLOCFLAG	Required	Repair Facility Required	Indicates whether the repair location is required.	REPAIRLOCFLAG	WORKORDER

MAXIMO RELATIONSHIPS

MAXIMO OUTGOING RELATIONSHIPS

Name	Target	Remarks	Where Clause
ACTIVEASSET	ASSET	Relationship to the PM's asset records, used to find the active asset records for a given PM. (asset.assetnum = pm.assetnum and asset.siteid=pm.siteid and status not in (select value from synonymdomain where maxvalue in (DECOMMISSIONED) and domainid=LOCASSETSTATUS). The resulting set will contain zero or one record.	assetnum = :assetnum and siteid=:siteid and status not in (select value from synonymdomain where maxva in ('DECOMMISSIONED') and domainid='LOCASSETSTATU
ASSET	ASSET	Relationship to the PM's asset records, used to find the asset records for a given PM. (asset.assetnum = pm.assetnum). The resulting set will contain zero or one record.	assetnum = :assetnum and siteid=:siteid

Name	Target	Remarks	Where Clause
ASSETNOTREADY	ASSET	Relationship to the PM's asset records, used to find the not ready asset records for a given PM. (asset.assetnum = pm.assetnum and asset.siteid=pm.siteid and status not in (select value from synonymdomain where maxvalue in (NOT READY) and domainid=LOCASSETSTATUS). The resulting set will contain zero or one record.	assetnum = :assetnum and siteid=:siteid and status in (se value from synonymdomain where maxvalue in ('NOT READY') and domainid='LOCASSETSTATU
ASSOCASSET	ASSET	Relationship to MasterPMItem's asset records, used to find all the associated asset records for this rotating item on Master PM record. (:applymasterpmtoasset=:yes and itemnum =:masterpmitemnum and assetnum not in(select assetnum from pm where masterpm=:pmnum and assetnum is not null) and asset.itemsetid = pm.itemsetid). The resulting set will contain zero to many records.	:applymasterpmtoasset=:yes a itemnum =:masterpmitemnur and assetnum not in(select assetnum from pm where masterpm=:pmnum and assetnum is not null) and itemsetid = :itemsetid and itemsetid = :itemsetid and siteid=:siteid
LINEARASSET	ASSET	Relationship to the Asset table, used to find this PM's linear Asset. (pm.assetnum=asset.assetnum and pm.siteid=asset.siteid). The resulting set will contain one object.	assetnum=:assetnum and siteid=:siteid
ENDASSETFEATURE	ASSETFEATURE	The PM's end feature (assetfeature.assetfeatureID = PM.endassetfeatureID). The set will contain zero or one object.	assetfeatureid = :endassetfeatureid and siteid=:siteid
ASSETFEATURE	ASSETFEATURE	The PM's asset feature (assetfeature.assetfeatureID = PM.assetfeatureID). The set will contain zero or one object.	assetfeatureid = :assetfeaturei and siteid=:siteid
STARTASSETFEATURE	ASSETFEATURE	The PM's start feature (assetfeature.assetfeatureID = PM.startassetfeatureID). The set will contain zero or one object.	assetfeatureid = :startassetfeatureid and siteid=:siteid
DOCLINKS	DOCLINKS	Relationship to the PM's DocLinks records, used to find documents for a given PM. doclinks.keytable = 'PM' and doclinks.keycolumn = 'PMNUM' and pm.pmnum = doclinks.keyvalue). The resulting set will contain zero or one record.	(ownertable = 'PM' and owner = :pmuid) or (ownertable='LOCATIONS' ar ownerid in (select locationsid from locations where location=:location and siteid=:siteid)) or (ownertable='ASSET' and ownerid in (select assetuid fro asset where assetnum=:assetn and siteid=:siteid)) or (ownertable='MASTERPM' an ownerid in (select masterpmic from masterpm where masterpmnum=:masterpm))
DOCLINKS_ASSETID	DOCLINKS	Relationship to the PM's DocLinks records, used to find documents for a given PM. This relationship includes asset-related doclinks using assetid (global) instead of assetuid (site-specific). (doclinks.keytable = 'PM' and doclinks.keycolumn = 'PMNUM' and pm.pmnum = doclinks.keyvalue). The resulting set will contain zero or one record.	(ownertable = 'PM' and owner = :pmuid) or (ownertable='LOCATIONS' ar ownerid in (select locationsid from locations where location=:location and siteid=:siteid)) or (ownertable='ASSET' and ownerid in (select assetid fron asset where assetnum=:assetn and siteid=:siteid)) or (ownertable='MASTERPM' an ownerid in (select masterpmic from masterpm where masterpmnum=:masterpm))

Name	Target	Remarks	Where Clause
DRILLDOWN	DRILLDOWN	Relationship from the PM to the non-persistent DrillDown table. (No where clause). The resulting set will contain zero objects. This relationship is used when the DrillDown page is launched from a location or asset field.	null
FEATURE	FEATURES	Relationship to the Features table, used to find the feature for this PM. (features.feature=pm.feature). The resulting set will contain one object	feature = :feature
ITEM	ITEM	Relationship to the PM's Item records, used to find the item records for a given PM. (item.itemnum=pm.masterpmitemnum and item.itemsetid = pm.itemsetid). The resulting set will contain zero or one record.	itemnum = :masterpmitemnu and itemsetid = :itemsetid
JOBPLAN	JOBPLAN	Relationship to the PM's Jobplan records, used to find the jobplan records for a given PM. (jobplan.jpnum = pm.jpnum). The resulting set will contain zero or one record.	jpnum=:jpnum and ((orgid=:orgid and siteid=:site or (orgid=:orgid and siteid is null) or (orgid is null and sitei null) or (:orgid is null and :site is null) or (:orgid is null))
PLUSCJOBPLAN	JOBPLAN	Relationship to the PM's Jobplan records, used to find the jobplan records for a given PM, taking the status into account to filter out revised job plans. (jobplan.jpnum = pm.jpnum). The resulting set will contain zero or one record.	jpnum=:jpnum and ((orgid=:orgid and siteid=:site or (orgid=:orgid and siteid is null) or (orgid is null and sitei null) or (:orgid is null and :site is null) or (:orgid is null)) and status in (select value from synonymdomain where domainid='JOBPLANSTATUS and maxvalue ='ACTIVE')
PRIMARYSYSLOCPM	LOCANCESTOR	Relationship to the PM's Primary system locations records, used to find all PM's in the Primary system locations. (locancestor.location =pm.location and locancestor.systemid =(select primarysystem from site where siteid =:siteid)). The resulting set will contain zero or more records.	location =:location and system =(select systemid from locsys where primarysystem = '1' and siteid =:siteid) and siteid=:site
LOCATIONNOTREADY	LOCATIONS	Relationship to the PM's location records, used to find the not ready location records for a given PM. (location.assetnum = pm.assetnum and location.siteid=pm.siteid and status not in (select value from synonymdomain where maxvalue in (NOT READY) and domainid=LOCASSETSTATUS). The resulting set will contain zero or one record.	location = :location and siteid=:siteid and status in (se value from synonymdomain where maxvalue in ('NOT READY') and domainid='LOCASSETSTATU
LOCATIONS	LOCATIONS	Relationship to the PM's Location records, used to find the location records for a given PM. (locations.location = pm.location). The resulting set will contain zero or one record.	location = :location and siteid=:siteid
ASSOCLOC	LOCOPER	Relationship to MasterPMItem's Location records, used to find all the associated location records for this rotating item on Master PM record. (:applymasterpmtoloc=:yes and itemnum =:masterpmitemnum and location not in(select location from pm where masterpm=:pmnum and location is not null) and locoper.itemsetid = pm.itemsetid). The resulting set will contain zero to many records.	:applymasterpmtoloc=:yes an itemnum =:masterpmitemnur and location not in(select location from pm where masterpm=:pmnum and locat is not null) and itemsetid = :itemsetid and siteid=:siteid

Name	Target	Remarks	Where Clause
ACTIVELOC	LOCOPER	Relationship to MasterPMItem's Location records, used to find all the associated active location records for a given PM. (locoper.location = pm.location and locoper.siteid=pm.siteid and status not in (select value from synonymdomain where maxvalue in (DECOMMISSIONED) and domainid=LOCASSETSTATUS). The resulting set will contain zero or one record.	location=:location and siteid=:siteid and location in (select location from locations where location=:location and status not in (select value from synonymdomain where maxva in ('DECOMMISSIONED') an domainid='LOCASSETSTATU
LONGDESCRIPTION	LONGDESCRIPTION	Relationship to the longdescription table, used to find all longdescription records for pmuid. The resulting set will contain zero or more objects.	ldkey=:pmuid and ldownertab = 'PM'
MASTERPM	MASTERPM	Relationship to the PM's MasterPM records, used to find the MasterPM record for a given PM. (pm.pmnum = pm.masterpm). The resulting set will contain zero or one record.	masterpmnum=:masterpm
MEASUREPOINT	MEASUREPOINT	Relationship to the PM's Measurepoint records, used to find all the measurepoint records for a given PM. (measurepoint.pmnum = pm.pmnum). The resulting set will contain zero to many records.	(llpmnum = :pmnum or ulpmnum=:pmnum) and siteid=:siteid
PLUSCPMEXTDATE	PLUSCPMEXTDATE	null	pmnum=:pmnum and siteid=:siteid and history = :n
PLUSCPMEXTDATEHISTORY	PLUSCPMEXTDATE	Relationship to recover the extended date history	pmnum=:pmnum and siteid=:siteid
PMANCESTORS	PM	Relationship to the PM table, used to get the PM ancestors for a given PM.	pmnum in (select ancestor fro pmancestor where pmnum =:pmnum and siteid =:siteid) and siteid =:siteid
PARENT	PM	Relationship to the PM's Parent records, used to find the parent record for a given PM. (pm.pmnum = pm.parent). The resulting set will contain zero or one record.	pmnum=:parent and siteid=:siteid
CHILDREN	PM	Relationship to the PM's children records, used to find all the children for a given PM. (pm.parent = pm.pmnum). The resulting set will contain zero or more records.	parent=:pmnum and siteid=:siteid
HIERARCHY	PM	Relationship to the PM's ancestor records, used to find all PMs under this PM in the hierarchy. pm.pmnum in (select pmnum from pmAncestor where Ancestor = :pmnum)). This set includes this PM so it will always have at least one record.	pmnum in (select pmnum fro pmancestor where ancestor = :pmnum and siteid=:siteid) a siteid=:siteid
PMANCESTOR	PMANCESTOR	Relationship to the PM's PMAncestor records, used to find all PMAncestor records which refer to the PM. (pmancestor.pmnum=pm.pmnum or pmancesotr.ancestor=pm.pmnum). The resulting set will contain zero to many records.	pmnum = :pmnum or ancesto :pmnum and siteid=:siteid
PMCHANGESTATUS	PMCHANGESTATUS	Relationship to the non-persistent PMChangeStatus object. The resulting set will contain zero or more objects. Note : PMChangeStatus is a non-persistent MBO with whose help the dialog box binds with the object.	null
PMFORECAST	PMFORECAST	Relationship to the PMForecast table, used to get the forecast for a given PM.	pmnum=:pmnum and siteid=:siteid
PMFORECASTNEWDATE	PMFORECAST	Relationship to the PMForecast table, used to get the forecast where new forecast date is not null	pmnum =:pmnum and siteid =:siteid and newdate is not nu

Name	Target	Remarks	Where Clause
PMFORECASTREGENERATE	PMFORECAST	Relationship to the PMForecast table, used to get the forecast where new forecast date is not null and regenerate flag is true.	pmnum =:pmnum and siteid =:siteid and newdate is not nu and regenerate =:yes
PMFORECASTSKD	PMFORECAST	Relationship to the PMForecast table, used to get the forecast for a given PM.	pmnum=:pmnum and siteid=:siteid
TOPLEVELPMFORECAST	PMFORECAST	Relationship to the PMForecast table, used to get the forecast for top level PM of a given PM.	pmnum = (select pmnum fron pm where parent is null and pmnum in (select ancestor fro pmancestor where pmnum = :pmnum and siteid=:siteid) ar siteid=:siteid) and siteid=:site
MINLTDPMCOUNTERPMFORECAST	PMFORECAST	Relationship to the PMForecast table, used to get the forecast for a given PM and minimum ltdpmcounter.	pmnum =:pmnum and siteid =:siteid and ltdpmcounter = (select min(ltdpmcounter) fro pmforecast where pmnum =:pmnum and siteid =:siteid)
MAXLTDPMCOUNTERPMFORECAST	PMFORECAST	Relationship to the PMForecast table, used to get the forecast for a given PM and maximum ltdpmcounter.	pmnum =:pmnum and siteid =:siteid and ltdpmcounter = (select max(ltdpmcounter) fro pmforecast where pmnum =:pmnum and siteid =:siteid)
PMFORECASTGEN	PMFORECASTGEN	Relationship to PMForecastGen table, used by the Generate Forecast dialog to generate the forecast .	null
PMFORECASTJP	PMFORECASTJP	Relationship to the PMForecastJP table, used to get the job plan for a given PM.	pmnum=:pmnum and siteid=:siteid
PMFORECASTJPROUTE	PMFORECASTJP	Relationship to the PMForecastJP table, used to get the PMForecastJP records for a given PM and where route is not null.	pmnum=:pmnum and siteid=:siteid and route is not null
ROOTANCESTORPMFORECASTJP	PMFORECASTJP	Relationship to the PMForecastJP table, used to get the PMForecastJP records with top most parent in the hierarchy as the given PM.	rootancestor =:pmnum and siteid=:siteid
MINLTDPMCOUNTERPMFORECASTJP	PMFORECASTJP	Relationship to the PMForecastJP table, used to get the pmforecastjp for a given PM and minimum ltdpmcounter.	pmnum =:pmnum and siteid =:siteid and ltdpmcounter = (select min(ltdpmcounter) fro pmforecastjp where pmnum =:pmnum and siteid =:siteid)
PMMETER	PMMETER	Relationsip to the PMs PMMeter records,used to find all PMMeter records for a given PM	pmnum=:pmnum and siteid=:siteid
PMSEASONS	PMSEASONS	Relationship to the PM's PMSEASONS records, used to find all the PMSEASONS DATES for a given PM. (PMSEASONS.pmnum = pm.pmnum). The resulting set will contain zero or more record.	pmnum = :pmnum and siteid=:siteid
PMSEQUENCE	PMSEQUENCE	Relationship to the PM's PMSequence records, used to find all the PMSequence for a given PM. (pmsequence.pmnum = pm.pmnum). The resulting set will contain zero or more record.	pmnum = :pmnum and siteid=:siteid
PMSTATUSDUMMY	PMSTATUSDUMMY	Relationship to the PMStatusDummy non-persistent table, used to find all status for a given PM. (pmstatusdummy.pmnum = pm.pmnum). This resulting set will contain zero or more objects.	pmnum = :pmnum and siteid=:siteid
PMWORKGENERATION	PMWORKGENERATION	Relationship to the PM's non-persistent PmWorkGeneration records. (PMWORKGENERATION is non-persistent object, no where clause). The resulting set will contain zero objects. This relationship is used by the "Generate WorkOrder" action page to generate the workorders from a given PM.	null

Name	Target	Remarks	Where Clause
RECORDTIMEZONE	RECORDTIMEZONE	Get associated Time Zone.	objectname = 'PM' and objecti :pmuid
RECORDTIMEZONEDIALOG	RECORDTIMEZONEDIALOG	Used to show the Associate Time Zone Dialog Box.	1=1
ROUTES	ROUTES	Relationship to the PM's Routes records, used to find the Route records for a given PM. (routes.route = pm.route). The resulting set will contain zero or one record.	route = :route and siteid=:site
SKDPMFORECAST	SKDPMFORECAST	Scheduler forecast records for a PM record	pmnum = :pmnum and siteid :siteid
SKDPMFORECASTREGENERATE	SKDPMFORECAST	Relationship to the scheduler forecast table where regerate is 1	pmnum =:pmnum and siteid =:siteid and newdate is not nu and regenerate =:yes
STATUSDESC	SYNONYMDOMAIN	Relationship to synonymdomain table, used to find description for the status, it will contain one object.	domainid='PMSTATUS' and value=:status and :&DOMAINFILTER&_STATU
VIEWCONTINPUT	VIEWCONTINPUT	Relationship to the non-persistent ViewContInput	null
VIEWWOPMS	VIEWWOPMS	Relationship from the PM to the non-persistent VIEWWOPMS table. (No where clause.) The resulting set will contain zero objects. This relationship is used when the View Work Details dialog is launched from a location or asset field	null
WORKORDER	WORKORDER	Relationship to the PM's Work order records, used to find all the workorder records for a given PM. (workorder.pmnum=pm.pmnum). The resulting set will contain zero to many records.	pmnum=:pmnum and siteid=:siteid
MAXPMDUEDATEWO	WORKORDER	Relationship to the Workorder table, used to get the workorder record for a given PM and maximum pmduedate.	pmnum =:pmnum and siteid =:siteid and historyflag = 0 an pmduedate = (select max(pmduedate) from worko where pmnum =:pmnum and siteid =:siteid and historyflag 0)
WORKTYPE	WORKTYPE	Relationship to the WorkType table, used to find all work type records for a given organization. (organization.orgid = worktype.orgid). The resulting set will contain one or more objects.	orgid=:orgid

MAXIMO INCOMING RELATIONSHIPS

Name	Source	Remarks	Where Clause
PM	ASSET	Relationship to the PM table, used to find all preventive maintenance for a given asset.(pm.assetnum = asset.assetnum). This resulting set will contain zero or more objects.	assetnum = :assetnum and siteid=:siteid
LNRPM	ASSETFEATURE	Relationship to the PM table, used to find the assetfeature records for the given AssetFeatureId	startassetfeatureid=:assetfeatureid or endassetfeatureid=:assetfeatureid
RECALASSETPM	ASSETFEATURE	Linear Recalibration	assetnum=:assetnum and siteid=:siteid
PM	CHARPOINTACTION	Relationship to the pm records, used to find the pms records for a given pmnum and has masterpm.	pmnum=:pmnum and siteid=:siteid and masterpm is not null
PMSFORSITE	CHARPOINTACTION	Relationship to the pm records, used to find the pms records for a given CharPointAction's pmnum. The resulting set will contain one object	pmnum=:pmnum and siteid=:siteid

Name	Source	Remarks	Where Clause
PMGLACCOUNT	CHARTOFACCOUNTS	Relationship to the PM table, used to find the PM records where this gl account is being used (pm.orgid = chartofaccounts.orgid and pm.glaccount = chartofaccounts.glaccount). The resulting set will contain zero or more objects.	orgid = :orgid and glaccount = :glaccoun
PMVIAROUTE	DRILLDOWN	Relationship to the pm table, used to find the pm records for a given location or asset shown on DrilDown. (((pm.location = drilldown.locvalue and drilldown.locison=:yes) or (pm.assetnum=drilldown.assetvalue and drilldown.locison=:no))	((location = :locvalue and :locison=:yes) (assetnum=:assetvalue and :locison=:no siteid=:siteid
PM	LOCATIONS	Relationship to the PM table, used to find the preventive maintenance records which contain the operating location. (locations.location = pm.location). The resulting set will contain zero or more objects.	location = :location and siteid=:siteid
PM_STORELOC	LOCATIONS	Relationship to the PM table, used to find preventive maintenance records which use a given storeroom location. (locations.location = pm.storeloc). The resulting set will contain zero or more objects.	storeloc = :location and siteid=:siteid
MASTERPMS	LOCATIONS	Relationship to the PM table, used to find the master preventive maintenance records to apply item assembly atructure using the operating location's ItemNum. (locations.itemnum = pm.masterpmitemnum and pm.applymasterpmtoloc = yes and pm.ismasterpm = yes and pm.pmnum NOT IN (Select masterpm from PM where location= locations.location) and pm.itemsetid = locations.itemsetid). The resulting set will contain zero or more objects. ItemNum is a non-persistent column for the Location object. See the attribute defined in psdi.app.location.Location for more information.	pmnum not in (select a.masterpm from where a.location = :location and a.siteid=:siteid and a.masterpm=pmnun exists (select * from masterpm where applympmtoloc=:yes and itemnum=:ite and itemsetid=:itemsetid)
MASTERPMS	LOCOPER	Relationship to the PM table, used to find the master PM records which contain the operating location. (locoper.itemnum = pm.masterpmitemnum and pm.applymasterpmtoloc = :yes and pm.ismasterpm = :yes and pm.pmnum NOT IN (Select masterpm from PM where location= locoper.location and pm.itemsetid = locoper.itemsetid)). The resulting set will contain zero or more objects.	pmnum not in (select a.masterpm from where a.location = :location and a.siteid=:siteid and a.masterpm=pmnun exists (select * from masterpm where applympmtoloc=:yes and itemnum=:ite and itemsetid=:itemsetid)
PM	MASTERPM	Relationship to the MasterPM's to PM records, used to find the PM record for a given MasterPM. (pm.pmnum = pm.masterpm). The resulting set will contain zero or one record.	masterpm=:masterpmnum
UPDASSOPM	MASTERPM	Relationship to the MasterPM's to PM records, used to find the PM record for a given MasterPM. (pm.pmnum = pm.masterpm). The resulting set will contain zero or one record.	masterpm=:masterpmnum and overridemasterupd=:no

Name	Source	Remarks	Where Clause
MP_LLPM	MEASUREPOINT	Relationship to the pm records, used to find the pms records for a given llpmnum and has masterpm.	pmnum=:llpmnum and siteid=:siteid an masterpm is not null
PM	MEASUREPOINT	Relationship to the PM table, used to find the preventive maintenance order for a given measure point. (pm.pmnum = measurepoint.pmnum). The resulting set will contain one object.	pmnum = :pmnum and siteid=:siteid
MP_ULPM	MEASUREPOINT	Relationship to the pm records, used to find the pms records for a given ulpmnum and has masterpm.	pmnum=:ulpmnum and siteid=:siteid a masterpm is not null
MPASSET_LLPM	MEASUREPOINT	Relationship to the PM table, used to find the PMs associated with the MeasurePoint's Asset and Lower Limit PM. The WHERE clause is: pm.pmnum = measurepoint.llpmnum and pm.assetnum = measurepoint.assetnum and pm.siteid = measurepoint.siteid. The resulting set will contain one zero or one object.	pmnum = :llpmnum and assetnum = :assetnum and siteid = :siteid
MPASSET_ULPM	MEASUREPOINT	Relationship to the PM table, used to find the PMs associated with the MeasurePoint's Asset and Upper Limit PM. The WHERE clause is: pm.pmnum = measurepoint.ulpmnum and pm.assetnum = measurepoint.assetnum and pm.siteid = measurepoint.siteid. The resulting set will contain one zero or one object.	pmnum = :ulpmnum and assetnum = :assetnum and siteid = :siteid
MPLOCATION_LLPM	MEASUREPOINT	Relationship to the PM table, used to find the PMs associated with the MeasurePoint's Location and Lower Limit PM. The WHERE clause is: pm.pmnum = measurepoint.llpmnum and pm.location = measurepoint.location and pm.siteid = measurepoint.siteid. The resulting set will contain one zero or one object.	pmnum = :llpmnum and location = :loca and siteid = :siteid
MPLOCATION_ULPM	MEASUREPOINT	Relationship to the PM table, used to find the PMs associated with the MeasurePoint's Location and Upper Limit PM. The WHERE clause is: pm.pmnum = measurepoint.ulpmnum and pm.location = measurepoint.location and pm.siteid = measurepoint.siteid. The resulting set will contain one zero or one object.	pmnum = :ulpmnum and location = :loc and siteid = :siteid
PERSONGROUPUSEDBYPM	PERSONGROUP	returns any rows if used by pms	(persongroup=:persongroup or ownergr :persongroup)
PM	PLUSCPMEXTDATE	null	pmnum=:pmnum and siteid=:siteid
PMANCESTORS	PM	Relationship to the PM table, used to get the PM ancestors for a given PM.	pmnum in (select ancestor from pmance where pmnum =:pmnum and siteid =:si and siteid =:siteid
PARENT	PM	Relationship to the PM's Parent records, used to find the parent record for a given PM. (pm.pmnum = pm.parent). The resulting set will contain zero or one record.	pmnum=:parent and siteid=:siteid
CHILDREN	PM	Relationship to the PM's children records, used to find all the children for a given PM. (pm.parent = pm.pmnum). The resulting set will contain zero or more records.	parent=:pmnum and siteid=:siteid

Name	Source	Remarks	Where Clause
HIERARCHY	PM	Relationship to the PM's ancestor records, used to find all PMs under this PM in the hierarchy. pm.pmnum in (select pmnum from pmAncestor where Ancestor = :pmnum)). This set includes this PM so it will always have at least one record.	pmnum in (select pmnum from pmance where ancestor = :pmnum and siteid=:s and siteid=:siteid
PM	PMMETER	Relationship to the PM table, used to find the PM associated with the PMMeter. The WHERE clause is: pm.pmnum = pmmeter.pmnum and pm.orgid = pmmeter.orgid and pm.siteid = pmmeter.siteid. The resulting set will contain one object.	pmnum = :pmnum and orgid = :orgid a siteid = :siteid
PM	ROUTES	Relationship to the Route's PM records, used to find all the PM records for a given Route. (pm.route=routes.route). The resulting set will contain zero or more records.	route=:route and siteid=:siteid
VIEWPM_BYASSET	VIEWWOPMS	Used in the View WOs and PMs menu action.	assetnum=:assetnum and siteid=:siteid
VIEWPM_BYLOC	VIEWWOPMS	Used in the View WOs and PMs menu action.	location=:location and siteid=:siteid
VIEWPM_BYLOCANDANCESTORS	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current location and its ancestors. The resulting set will contain zero or more objects.	exists (select siteid from locancestor wh pm.location=locancestor.ancestor and pm.siteid=locancestor.siteid and locancestor.location=:location and locancestor.siteid=:siteid)
VIEWPM_BYLOCANDFAMILY	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current location, its children and its ancestors. The resulting set will contain zero or more objects.	exists ((select siteid from locancestor w pm.location=locancestor.ancestor and pm.siteid=locancestor.siteid and locancestor.location=:location and locancestor.siteid=:siteid) union (select from locancestor where pm.location=locancestor.location and pm.siteid=locancestor.siteid and locancestor.ancestor=:location and locancestor.siteid=:siteid))
VIEWPMCHILD_BYASSET	VIEWWOPMS	Relationship to the PM table, used to find all PMs for the asset and its children specified in the assetnum field. The resulting set will contain zero or many.	(assetnum=:assetnum or assetnum in (s assetnum from assetancestor where anc =:assetnum)) and siteid=:siteid
VIEWPMCHILD_BYLOC	VIEWWOPMS	Relationship to the PM table, used to find all PMs for the location and its children specified in the location field. The resulting set will contain zero or many.	(location=:location or location in (select location from locancestor where ancesto =:location and siteid=:siteid))
VIEWPMRS_BYASSET	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current asset. PMs that pertain to the asset via a route_stop are also included. The resulting set will contain zero or more objects.	(assetnum=:assetnum and siteid=:siteid exists (select 1 from route_stop where route_stop.route=pm.route and route_stop.siteid=pm.siteid and route_stop.assetnum=:assetnum and route_stop.siteid=:siteid)
VIEWPMRS_BYASSETANDANCESTORS	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current asset or its ancestors. PMs that pertain to the asset or an ancestor via a route_stop are also included. The resulting set will contain zero or more objects.	siteid=:siteid and exists (select 1 from assetancestor where assetancestor.siteid=pm.siteid and assetancestor.siteid=:siteid and assetancestor.assetnum=:assetnum and (assetancestor.ancestor=pm.assetnum o (pm.assetnum is null and exists (select 1 route_stop where assetancestor.ancestor=route_stop.asse and route_stop.route=pm.route and assetancestor.assetnum=:assetnum and assetancestor.siteid=:siteid))))

Name	Source	Remarks	Where Clause
VIEWPMRS_BYASSETANDCHILDREN	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current asset or its children. PMs that pertain to the asset or a child via a route_stop are also included. The resulting set will contain zero or more objects.	siteid=:siteid and exists (select 1 from assetancestor where assetancestor.siteid=pm.siteid and assetancestor.siteid=:siteid and assetancestor.ancestor=:assetnum and (assetancestor.assetnum=pm.assetnum (pm.assetnum is null and exists (select 1 route_stop where assetancestor.assetnum=route_stop.ass and route_stop.route=pm.route and assetancestor.ancestor=:assetnum and assetancestor.siteid=:siteid))))
VIEWPMRS_BYASSETANDFAMILY	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current asset, its children and its ancestors. PMs that pertain to the asset, a child or a parent via a route_stop are also included. The resulting set will contain zero or more objects.	siteid=:siteid and exists (select 1 from assetancestor where assetancestor.siteid=pm.siteid and assetancestor.siteid=:siteid and assetancestor.ancestor=:assetnum and (assetancestor.assetnum=pm.assetnum (pm.assetnum is null and exists (select 1 route_stop where assetancestor.assetnum=route_stop.ass and route_stop.route=pm.route and assetancestor.ancestor=:assetnum and assetancestor.siteid=:siteid))) union (sel from assetancestor where assetancestor.siteid=pm.siteid and assetancestor.siteid=:siteid and assetancestor.assetnum=:assetnum and (assetancestor.ancestor=pm.assetnum o (pm.assetnum is null and exists (select 1 route_stop where assetancestor.ancestor=route_stop.asse and route_stop.route=pm.route and assetancestor.assetnum=:assetnum and assetancestor.siteid=:siteid)))))
VIEWPMRS_BYLOC	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current location. PMs that pertain to the location via a route_stop are also included. The resulting set will contain zero or more objects.	(location=:location and siteid=:siteid) o exists (select 1 from route_stop where route_stop.route=pm.route and route_stop.siteid=pm.siteid and route_stop.location=:location and route_stop.siteid=:siteid)
VIEWPMRS_BYLOCANDANCESTORS	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current location or its ancestors. PMs that pertain to the location or an ancestor via a route_stop are also included. The resulting set will contain zero or more objects.	siteid=:siteid and exists (select 1 from locancestor where locancestor.siteid=pm.siteid and locancestor.siteid=:siteid and locancestor.location=:location and (locancestor.ancestor=pm.location or (pm.location is null and exists (select 1 f route_stop where locancestor.ancestor=route_stop.locatio route_stop.route=pm.route and locancestor.location=:location and locancestor.siteid=:siteid))))
VIEWPMRS_BYLOCANDCHILDREN	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current location or its children. PMs that pertain to the location or a child via a route_stop are also included. The resulting set will contain zero or more objects.	siteid=:siteid and exists (select 1 from locancestor where locancestor.siteid=pm.siteid and locancestor.siteid=:siteid and locancestor.ancestor=:location and (locancestor.location=pm.location or (pm.location is null and exists (select 1 f route_stop where locancestor.location=route_stop.locatio route_stop.route=pm.route and locancestor.ancestor=:location and locancestor.siteid=:siteid))))

Name	Source	Remarks	Where Clause
VIEWPMRS_BYLOCANDFAMILY	VIEWWOPMS	Relationship to the pm table, used to find the pm records involving the current location, its children and its ancestors. PMs that pertain to the location, a child or a parent via a route_stop are also included. The resulting set will contain zero or more objects.	siteid=:siteid and exists (select 1 from locancestor where locancestor.siteid=pm.siteid and locancestor.siteid=:siteid and locancestor.ancestor=:location and (locancestor.location=pm.location or (pm.location is null and exists (select 1 f route_stop where locancestor.location=route_stop.locatio route_stop.route=pm.route and locancestor.ancestor=:location and locancestor.siteid=:siteid))) union (selec from locancestor where locancestor.siteid=pm.siteid and locancestor.siteid=:siteid and locancestor.location=:location and (locancestor.ancestor=pm.location or (pm.location is null and exists (select 1 f route_stop where locancestor.ancestor=route_stop.locatio route_stop.route=pm.route and locancestor.location=:location and locancestor.siteid=:siteid)))))
PM	WORKORDER	Relationship to the WorkOrder's PM record, used to find the pm for a work order. (PM.pmnum = Workorder.pmnum). This resulting set will contain zero or one object.	pmnum=:pmnum and siteid=:siteid
WO_PM	WORKORDER	null	pmnum=:pmnum and siteid=:siteid