



Connect Time Entry

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Connecting Communities to
Essential Services

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Time Entry

Time Entry is used by a timekeeper to enter weekly timesheet data for employees in a unit or unit/subunit. Based on configuration and security settings, it may be used by individual users entering their own time, or by a departmental or divisional user entering timesheet or crew time information for a larger set of employees.

Users can retrieve existing records for a unit and week or generate a set of default records based on configured employee-level defaults. The **Time Entry** process uses the Cayenta payroll system to calculate time bank balances and confirm that none of the balances drop below zero based on the time entered for the current week. The employee submits the week of time for approval.

Key Features

- The logical grouping of payroll employees into time recording units that span across payroll groups, departments, types, and cycles.
- Long-term employee scheduling through user-defined shifts or entering specific workweek patterns.
- The automatic creation of time records using employee schedules to reduce data entry effort.
- Payroll earnings transactions that are automatically built from time records during approval, eliminating duplicate data entry tasks.
- Long-term user-defined employee shift types.
- Employee absence planning.
- Data entry security and inquiry security for each unit/subunit group to prevent unauthorized display or modification of data.
- Summary time record inquiry regarding approved time worked by an employee, aiding in the assessment of overtime awards.

Navigation

Navigate to *Main Menu > Time Entry > Time Entry*.

Usage

Units and Resources

View Units/Subunits List

1. From the drop-down list on the left-hand side, select *Units*.
2. Input a date or select it from the calendar in the *As Of* date field.

View the List of Resources for the Selected Unit/Subunit

1. From the drop-down list on the left-hand side, select *Resources*.
2. Input a date or select it from the calendar in the *As Of* date field.
3. Select a unit/subunit from the list for which a shift is set for the period selected in the *As Of* date field.
The list of resources assigned to that unit/subunit is displayed.

Search for a Unit/Subunit

1. With *Units* selected from the drop-down list, click the magnifying glass icon.
2. Enter part of the desired unit/subunit or description.
3. Select the desired unit/subunit from the displayed list to see the unit/subunit details.

Search for a Resource

1. Select *Resources* in the drop-down.
2. Click the magnifying glass icon.
3. Enter part of the desired resource ID or resource name.
4. Select the desired resource from the displayed list to see the resource details.

Filter Resources Based on Resource Type

1. From the drop-down list on the left-hand side, select *Resources*.
2. Click the filter icon.
3. Mark one or more resource types from the list.
A filtered list of the selected resource types is displayed.

Filter Units based on Status

1. From the drop-down list on the left-hand side, select *Units*.
2. Click the filter icon.
3. Select one of the following filters:
 - *All*: See all units regardless of their status.
 - *Favorites*: See units marked as favorites.
 - *Pending*: See units with a status of Pending.
4. To also filter based on role, mark the desired role.

Timesheets

View Timesheet Data Grid

1. Select a unit/subunit and a resource.
2. Select the *My Schedule* sub-tab.
 - The system displays the following details in the timesheet data grid:
 - *Pay Type*
 - *Posting Code*
 - *Assignment Code*
 - *Equipment*
 - Hours per day within the shift
 - *Total*

Add a Time Entry for a Resource Within a Unit

 Time can't be entered on days when FMLA leave is scheduled.

1. Select a unit/subunit and a resource.

2. Select the **My Schedule** sub-tab.
3. Click *Add*.
4. Fill in the following details:
 - *Pay Type*
 - *Posting Code*
 - *Assignment Code*
 - *Equipment*
 - Hours per day within the shift/week selected
5. Save the changes by clicking the checkmark icon.

Edit a Time Entry for a Resource Within a Unit

 Only time entries with the Pending or Rejected status can be edited.

1. Select a unit/subunit and a resource.
2. Select the **My Schedule** sub-tab.
3. Update any of the following details on an existing time entry:
 - *Pay Type*
 - *Posting Code*
 - *Assignment Code*
 - *Equipment*
 - Hours for each day within the shift/week selected
4. Save the changes by clicking the checkmark icon.

Remove a Time Entry for a Resource Within a Unit

 Only time entries with the Pending or Rejected status can be removed.

1. Select a unit/subunit and a resource.
2. Select the **My Schedule** sub-tab.
3. Click *Remove*.
4. Mark the time entries to be removed.
5. Save the changes by clicking the checkmark icon.

Submit a Timesheet

1. Select a unit/subunit and a resource.
2. Select the **My Schedule** sub-tab.
3. Log time entry data by adding hours in the data grid.
4. Save the changes by clicking the checkmark icon.
5. Click the *Submit* button.

Unsubmit a Timesheet

1. Select the **My Schedule** sub-tab.
2. Input the date of the timesheet that has already been submitted or select it from the calendar in the *As Of* date field.
3. Select a unit/subunit and a resource.

4. Click *Unsubmit*.

Additional Functions

Add/View Per Line Comments

1. Select a unit/subunit and a resource with a timesheet.
2. Select the *My Schedule* sub-tab.
3. To see comments, click the comments icon beside a pay type that has comments.
4. To add a comment, enter the comment and click *Add Comment*.

Add/View Comments for the Entire Timesheet

1. Select a unit/subunit and a resource with a timesheet.
2. Select the *My Schedule* sub-tab.
3. To see all comments, click the comments icon above the timesheet data grid.
4. To add a comment, enter the new comment and click *Add Comment*.

View Banks in Time Entry

1. Select a unit/subunit and a resource.
2. Select the *Banks* sub-tab.
 - The list of time banks contains the following details:
 - *Time Bank* description
 - *Current Balance*
 - *Credit*
 - *Debit*
 - *New Balance*

View Multi-Level Approval (MLA) Information

1. From the list on the left side, select a unit/subunit and a resource.
2. Select the *My Schedule* sub-tab.
3. See the time entry info by clicking the information icon.
 - The time entry displays the following fields:
 - *Submitted ID User*
 - *MLA Number*
 - *Final Approver ID*
 - *Final Approver Status*
 - *Created Date*
 - *Created User ID*
 - *Last User ID*
 - *Last Modified Date*
 - *MLA Number*

Fields

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Field	Description
<i>Unit ID</i>	The unit ID. Based on security settings, if the user only has permission to enter time for one unit, this field will be protected so the user can't change it to see or work on another unit.
<i>Subunit ID</i>	The subunit ID. Based on security settings, if the user only has permission to enter time for one subunit, this field will be protected so the user can't change it to see or work on another subunit.
<i>Resource ID</i>	Based on security settings, if the user only has permission to enter time for one employee (presumably themselves), this field will be protected so the user can't change it to see or enter time for another employee.
<i>Resource Name</i>	The name of the employee.
<i>As Of</i>	This date, in conjunction with the week start day configured in Unit Maintenance , determines the time entry week (the seven-day period to be shown in the time grid on the bottom portion of the screen). Defaults to today.
<i>Timesheet Comments</i>	Optional multi-line field for comments.

Timesheet Grid

Field	Description
<i>Pay Type</i>	Mandatory. The Time Entry earning code.
<i>Posting Code</i>	Optional. The GL distribution code, job ID, or work order used in payroll time posting. Configuration determines the default value and the system validates the field against the Job Master , Work Order Master , and Distribution Code Master tables.
<i>Assignment Code</i>	Optional. The assignment code determines the payroll posting parameters for the employee when the transaction is uploaded into the Payroll subsystem. If the employee has multiple assignments in the HR system, then the secondary assignment can be entered.

<i>Equipment</i>	Optional. This field displays the equipment ID number and name, and is validated against the <i>Equipment Master</i> table.
<i>Day / Date Title</i>	Scheduled days off are shown in red while weekends and holidays are dimmed. Regular work days are shown with the default color.
<i>Daily Hours columns</i>	<p>If the value has been submitted or is further along in the process, the hours value will be read-only so that it can not be changed.</p> <ul style="list-style-type: none"> To reverse an incorrect entry, insert a new row in the grid and enter the posting parameters and a negative hours amount.

Banks Grid

Field	Description
<i>Time Bank</i>	<p>Time banks include:</p> <ul style="list-style-type: none"> Vacation Bank Sick Bank Comp Time Retro
<i>Current Balance</i>	Current total number of hours for the listed time bank.
<i>Credit</i>	Time added to a time bank.
<i>Debit</i>	Time subtracted from a time bank.
<i>New Balance</i>	Updated balance after applying <i>Credit</i> and <i>Debit</i> hours.

Defaults Grid

Field	Description
<i>Pay Type</i>	Mandatory. The alphanumeric Time Entry earning code.
<i>Posting Code</i>	Optional. The GL distribution code, job ID, or work order that is used in payroll time posting. It is defaulted from configuration setup and validated against the three master tables.

<i>Posting Code Description</i>	Description of the posting code.
<i>Equipment</i>	Optional. This field displays the equipment ID number and name, and is validated against the <i>Equipment Master</i> table.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Filter</i>	Filter the content based on resource type or status.
<i>Favorites</i>	Add a unit/subunit or resource to the user's favorites.
<i>Checkmark</i>	Save the current record to the database, then close the form and (if applicable) populate the calling form with the selected value.
<i>Comments</i>	View timesheet comments.
<i>Information</i>	View timesheet MLA information.
<i>Add</i>	Create a new time entry.
<i>Remove</i>	Remove an existing time entry.
<i>Submit</i>	Submit the timesheet.
<i>Unsubmit</i>	Withdraw the timesheet submission.
<i>Add Comments</i>	Add a new comment.

Crew Entry

Crew Entry is similar to [Time Entry](#) in that they both allow the timekeeper to enter time for employees. However, **Crew Entry** allows the timekeeper (usually the crew chief) to enter time for the whole crew

(multiple resources) at once for a single day. Each row is a different work order or job group, with multiple pay-type columns. This structure allows workers to have either:

- Hours against the same pay type but two different work orders.
- Hours against the same work order but two different pay types.

Time for all employees and equipment that is used by the crew for the day can be entered and submitted together. Once the time is submitted, it then goes through the same multi-level approval (MLA) process as timesheet entry through the **Time Entry** screen.

Navigation

Navigate to *Main Menu > Time Entry > Crew Entry*.

Usage

View Crew

1. Enter part of the desired crew ID or click the magnifying glass icon.
2. Select the desired crew from the drop-down list.
3. There are two ways to enter the date:
 - a. Input the date into the calendar field.
 - b. Click the calendar icon to open a navigable monthly calendar, then click on the desired date.

Entering Time for a Crew



- Crew time can't be entered on days when FMLA leave is scheduled.
- An unallocated job can be used in the event that a crew is called out due to an emergency and a job or work order is not currently created for that job.
- Multiple jobs, work orders, and unallocated jobs can be added to the same day if necessary.

1. Enter part of the desired crew ID or click the magnifying glass icon.
2. Select the desired crew from the drop-down list.
The entry screen automatically populates to show the current date.
3. If necessary, change the date by doing one of the following:
 - a. Input the date into the calendar field.
 - b. Click the calendar icon to open a navigable monthly calendar.
 - i. Click on the desired date.
4. Use the *Job* or *Work Order* lookup by clicking the magnifying glass icon to pull in a job or work order, or click *Add Unallocated* to enter time without entering a job number.
5. Select the necessary *Employees*, *Equipment*, and *Contractors* by clicking *Add Another* beneath the desired resource type.
6. Select the desired resource from the drop-down list.
The *Resource ID* and *Resource Name* fields populate automatically.
7. Fill in the resource details (*Assignment Code*, *Pay Type* column(s), and *Latest Comments*) by doing one of the following:
 - a. Individually fill in fields for each resource added.
 - b. Use the *Fill All* field above each column to input the same details for all resources on the crew.

8. Click *Save*.

Remove Job/Work Order/Unallocated Job

1. Click the drop-down arrow next to the job/work order/unallocated job to be removed.
2. Click *Remove Job*, *Remove Work Order*, or *Remove Unallocated Job* as appropriate.
3. Confirm the deletion by clicking *Ok*.

Submit Job/Work Order/Unallocated Job

Once the necessary resources have been added to a job, work order, or unallocated job and it is ready for approval, select the desired job, work order, or unallocated job and click *Submit*.

Field Definitions

Field	Description
<i>Crew ID</i>	Crew ID.
<i>Date</i>	Date of time entry.
<i>Job</i>	Job number to which crew times can be posted.
<i>Work Order</i>	Work order to which crew times can be posted.
<i>Resource ID</i>	Employee ID. While user-definable, many clients choose to use employee names, ID numbers, or payroll employee numbers.
<i>Resource Name</i>	Employee name.
<i>Assignment Code</i>	Identifies the type of employee and the employer's pay rate, and determines replacement eligibility.
<i>Pay Type Columns</i>	Defined pay types to enter time against. Multiple pay types may be configured.
<i>Latest Comments</i>	Comments.

Buttons

Button	Description
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<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Date Picker</i>	Open a calendar selection.
<i>Save</i>	Save the current record to the database.
<i>Submit</i>	Submit the job, work order, or unallocated job for the selected crew and date for approval.
<i>Add Another</i>	Add another resource to the job, work order, or unallocated job.
<i>Remove Job</i>	Remove the job from the selected crew and date.
<i>Remove Work Order</i>	Remove the work order from the selected crew and date.
<i>Remove Unallocated Job</i>	Remove the unallocated job from the selected crew and date.

Time Entry Approval

In the **Time Entry Approval** screen, the approver can approve or reject the submitted timesheet entries. If approved and multi-level approval (MLA) is configured, the next approver will be notified via email. If rejected, the rejection reason must be entered, and the user who submitted the timesheet will be notified via email.

The final approver has an override privilege so that if any of the approvers need to be taken out of the cycle (e.g. they are away on vacation), the final approver can override the need for that approver's decision, and keep the process moving.

When the final approver approves the timesheets, an email is sent to notify Payroll, where the transactions can be uploaded to create an earnings batch for the timesheets.

Navigation

Navigate to *Main Menu > Time Entry > Time Entry*.

Usage

Approve a Timesheet Request

1. Select a timesheet request from the data grid.
2. Click the checkmark icon.

3. Validate and save changes by clicking *Process*.

After a transaction is Final Approved (status **F**), it is recorded under the *Approved Employee Transactions* smart report. A separate record is generated for equipment and is recorded under the *Approved Equipment Transactions* smart report.

Approve All Timesheet Requests

1. In the data grid, click *Approve All*.
2. Click *Process* to validate and save changes.

Reject a Timesheet Request

1. Select a timesheet request from the data grid.
2. Click the *Reject (x)* button.
3. Add a comment.
4. Click *Mark as Rejected*.
5. Click *Process* to validate and save changes.

Reject All Timesheet Requests

1. In the data grid, click *Reject All*.
2. Add a comment.
3. Click *Mark as Rejected*.
4. Click *Process* to validate and save changes.

Fields

Field	Description
<i>Unit/Subunit</i>	Based on security settings, if the user only has permission to approve time for one unit or one subunit, these fields will be read-only so the user can't change them to see or work on another unit or subunit.
<i>Employees</i>	List of employee names in the unit/subunit.
<i>As Of</i>	Defaults to today.
<i>Payroll Type</i>	The payroll type for the unit. The types are user-defined and can be used in conjunction with the payroll cycle, pay period, and unit/subunit to retrieve a unit. Time entry approvals can also be defined by payroll type (earning code) to allow for the unit/subunit MLA path to be overridden.
<i>Payroll Cycle</i>	The payroll cycle. This can be weekly, bi-weekly, semi-monthly, or monthly.

<i>Pay Period</i>	The pay period. This corresponds to the pay period number for the payroll type and payroll cycle and can be used to retrieve records.
<i>Substitute Approver</i>	This field is used if a substitute approver is set up in the MLA templates. The substitute approver enters their three-character ID, the unit, and the subunit. The substitute approver can retrieve the records and process the approval.
<i>Expected Totals</i>	The totals that the approver is expected to see based on the shift and the maximum daily hours an employee can work.
<i>Actual Totals</i>	The actual totals that have been entered by the timekeeper.
<i>Difference</i>	The difference between the <i>Actual Totals</i> and the <i>Expected Totals</i> . Payroll types like overtime will show a variance, as overtime is not included in the shift calendar.
<i>Approve</i>	Checkboxes for approval by the timekeeper.
<i>Reject</i>	Checkboxes for rejection by the timekeeper.
<i>Rejection Reason</i>	Individual rejection reason for each transaction.
<i>Reject All Reason</i>	Any value entered here will be propagated to all the transactions as if the user had entered this on the View Detail screen.
<i>Adjustment</i>	If a prior period adjustment has occurred, the adjustment will be displayed here.
<i>Status</i>	Options: <ul style="list-style-type: none"> • Approved: Displays if time is approved. • Missing: Displays if an employee has not entered any time. • Final Approved
<i>Totals</i>	Displays totals by distribution (i.e. posting code, which can be the account code, job, or work order) and day. If defaulting to the home department, only one line of totals will be shown.

Buttons

Button	Description
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<i>Process</i>	Validate and save changes.
<i>Checkmark</i>	Approve the selected timesheet.
<i>Reject (x)</i>	Reject the selected timesheet.
<i>Approve All</i>	Approve all timesheets.
<i>Reject All</i>	Reject all timesheets.
<i>Mark as Rejected</i>	Mark timesheet(s) as rejected.

Defaults

Defaults are employed to configure a user's timesheet, ensuring that the projects they work on are automatically assigned to their timesheet. Using the *Defaults* sub-tab, users have the option to specify their preferred projects and modify project numbers to align with evolving tasks..

Navigation

Navigate to *Main Menu > Time Entry > Time Entry > Defaults*.

Usage

Add a Default in Time Entry

1. From the list on the left side, select a unit/subunit and a resource.
2. Click *Add*.
3. Fill in the following details:
 - *Pay Type*
 - *Posting Code*
 - *Posting Code Description*
 - *Equipment*
4. Save the changes by clicking the checkmark icon.

Edit a Default in Time Entry

1. From the list on the left side, select a unit/subunit and a resource.
2. Update any of the following details on an existing default:
 - *Pay Type*
 - *Posting Code*
 - *Posting Code Description*
 - *Equipment*
3. Save the changes by clicking the checkmark icon.

Remove a Default in Time Entry

1. From the list on the left side, select a unit/subunit and a resource.
2. Click *Remove*.
3. Mark the items to remove.
4. Validate and save the changes by clicking the checkmark icon.

Fields

Field	Description
<i>Pay Type</i>	Mandatory. This is the time entry earning code.
<i>Posting Code</i>	Optional. The GL distribution code, job ID, or work order used in payroll time posting. Configuration determines the default value and the system validates the field against the <i>Job Master</i> , <i>Work Order Master</i> , and <i>Distribution Code Master</i> tables.
<i>Posting Code Description</i>	Description of the posting code.
<i>Equipment</i>	Optional. This field displays the equipment ID number and name. This field is validated against the <i>Equipment Master</i> table.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a default.
<i>Remove</i>	Remove a default.
<i>Checkmark</i>	Save the current record to the database, then close the form and (if applicable) populate the calling form with the selected value.

Absence Management

An absence is a timesheet entry where a user records a non-work-related pay type on a regularly scheduled work day. Absence may be paid or unpaid, depending on the reason for the absence. An absence follows the same approval rules as other time entries for the user.

Absence Reasons

Absence reason codes indicate the reason for the user's absence. Based on the reason chosen, the absence may be considered working or non-working. To fulfill union, bargaining unit, or local requirements, absence reason codes support leave descriptions and data collection, and may be limited to specific employee groups. They also ensure specific users' timebanks are deducted/awarded for the appropriate earning code within the appropriate payroll. Based on the reason selected, employees may be entitled to an annual maximum (e.g. 24 hours of compassionate care leave per year), or a maximum for each occurrence (e.g. 40 hours of bereavement leave for a personal loss).

Planned Leave Requests

The *My Schedule* sub-tab allows users to record, edit, delete, and withdraw requests for leave that may require approval depending on the type of leave. A leave request can also require a replacement resource.

Navigation


Navigate to *Main Menu > Time Entry > Schedule > My Schedule*.

Usage

Add a Planned Leave Request


1. Select a unit/subunit and a resource.
2. Click *Add Leave Entry*.
3. In the *New Planned Leave* form, on the *Leave* tab, fill in the following details:
 - *Start Date*
 - *Start Time*
 - *End Date*
 - *End Time*
 - *Daily Hours*
 - *Unpaid Time Off*
 - *Replacement Required* (if configured)
 - *Leave Type*
 - *Reason* (if required)
 - *Posting Code*
4. On the *Leave Documentation* tab, if necessary, add attachments and enter *Notes*.
5. Click *Save*.

Edit a Planned Leave Request

 Only planned leave requests with a status of Pending or Withdrawal Pending can be edited.

1. Select a unit/subunit and a resource.
2. Click on an existing planned leave to open it.
3. In the **New Planned Leave** form, on the **Leave** tab, update any of the following details:
 - *Start Date*
 - *Start Time*
 - *End Date*
 - *End Time*
 - *Daily Hours*
 - *Unpaid Time Off*
 - *Replacement Required* (if configured)
 - *Leave Type*
 - *Reason* (if required)
 - *Posting Code*
4. On the **Leave Documentation** tab, if necessary, add attachments and enter *Notes*.
5. Click *Save*.

Delete a Planned Leave Request


 Only planned leave requests with a status of Pending or Withdrawal Pending can be deleted.

1. Select a unit/subunit and a resource.
2. Click *Remove*.
3. Mark the requests to be deleted.
4. Validate and save the changes by clicking the checkmark icon.

Submit a Pending or Withdrawal Pending Planned Leave Request

1. Select a unit/subunit and a resource.
2. Click *Submit*.

Withdraw an Approved Planned Leave Request

 Only planned leave requests that meet the following criteria can be withdrawn:

- The request has a status of either Approver Approved or Submitted for Approval.
- The user submitted their last time sheet before the request start date.

1. Select a unit/subunit and a resource.
2. Click *Withdraw*.
3. Mark the requests to be withdrawn.
4. Validate by clicking the checkmark icon.
The planned leave request's status changes to Withdrawal Requested.

View a Planned Leave Request

1. Select a unit/subunit and a resource.
2. Click on a planned leave request to view details.

Filter Planned Leave Requests

1. Select a unit/subunit and a resource.
2. From the filter drop-down, click one of the following filter options:
 - a. Click *All* to see all available planned leave requests in any status.
 - b. Click *Pending* to see all available planned leave requests with the status Pending.

Change View for Planned Leaves

1. Select a unit/subunit and a resource.
2. On the left side of the data grid, click one of the following view icons:
 - a. *List View*: Display a list of planned leave requests.
 - b. *Month View*: Display a navigable month calendar.
 - c. *Year View*: Display a navigable yearly calendar with all 12 months.

Fields

Field	Description
<i>As Of</i>	Effective date of the request.
<i>Start Date</i>	The first day of the planned leave.
<i>End Date</i>	The last day of the planned leave.
<i>Leave Type</i>	The pay type for the planned leave. Clicking this field opens a list of pay types that belong to the Leave category. The user can then select a value from the list.
<i>Posting Code</i>	Optional. This is the GL account number. It will default to the employee's home department.
<i>Daily Hours</i>	Always fill in 8 hours for multiple-day leave or exact hours if returning on the same day.
<i>Start Time</i>	Hour at which the first day of the planned leave starts.
<i>End Time</i>	Hour at which the last day of the planned leave ends.
<i>Unpaid Time Off</i>	A toggle indicating whether the time off being requested is unpaid.
<i>Replacement Required</i>	A toggle indicating if a replacement employee is required.

<i>Reason</i>	The absence reason code. This field is only required if configured as necessary.
Unlabeled drop-down	A filter drop-down.
<i>Status</i>	<p>This is the status of the request.</p> <ul style="list-style-type: none"> • Pending (A) • Submitted for Approval (B) • Approver Rejected (C) • Approver Approved (E) • Withdrawal Pending (W) • Withdrawal Requested (F) • Withdrawal Approved (G) • Withdrawal Rejected (H)

Buttons

Button	Description
<i>Add Leave Entry</i>	Create a new planned leave request.
<i>Save</i>	Save the details of a new planned leave request or changes made to an existing planned leave request.
<i>Checkmark</i>	Save the current record to the database, then close the form and (if applicable) populate the calling form with the selected value.
<i>Withdraw</i>	Withdraw the planned leave request. Only approved planned leave requests can be withdrawn.
<i>Remove</i>	Remove the planned leave request.
<i>Submit</i>	Submits a planned leave request for approval.

Planned Leave Approval

The **Planned Leave Approval** page facilitates the decision-making for the submitted requests. The timekeeper can either approve or reject the request. If the request is denied, it returns to the employee's page to be processed again.

Navigation

Navigate to *Main Menu > Time Entry > Schedule > Schedule*.

Usage

Approve a Planned Leave Request

There are two ways to approve a planned leave request:

1. From the data grid:
 - a. Click the checkmark icon under the *Decision* column next to the request to be approved.
 - b. Validate and save the changes by clicking *Process*.
2. From the **Planned Leave Request** form:
 - a. Click on the request to be approved to open the **Planned Leave Request** form.
 - b. Click *Mark as Approved*.
 - c. Validate and save the changes by clicking *Process*.

Reject a Planned Leave Request

There are two ways to reject a planned leave request:

1. From the data grid:
 - a. Click the *Reject (x)* icon under the *Decision* column next to the request to be approved.
 - b. Validate and save the changes by clicking *Process*.
2. From the **Planned Leave Request** form:
 - a. Click on the request to be rejected to open the **Planned Leave Request** form.
 - b. Click *Mark as Rejected*.
 - c. Validate and save the changes by clicking *Process*.

Fields

Field	Description
<i>As Of</i>	Effective date of the request.
<i>Start Date</i>	The first day of the planned leave.
<i>End Date</i>	The last day of the planned leave.
<i>Pay Type</i>	Pay type for for planned leave.

<i>Posting Code</i>	The GL account number.
<i>Daily Hours</i>	The total daily hours
<i>Start Time</i>	Hour at which the first day of the planned leave starts.
<i>End Time</i>	Hour at which the last day of the planned leave ends.
<i>Unpaid Time Off</i>	A toggle indicating whether the time off being requested is unpaid.
<i>Status</i>	<p>This is the status of the request.</p> <ul style="list-style-type: none"> • A (Pending) • B (Submitted for Approval) • C (Approver rejected) • E (Approver approved) • W (Withdrawal Pending) • F (Withdrawal Requested) • G (Withdrawal Approved) • H (Withdrawal Rejected)

Buttons

Button	Description
<i>Checkmark</i>	Approve the selected planned leave request.
<i>Reject (x)</i>	Reject the selected planned leave request.
<i>Mark as Approved</i>	Approve the selected planned leave request.
<i>Mark as Rejected</i>	Reject the selected planned leave request.
<i>Process</i>	Save the current record to the database, then close the form and (if applicable) populate the calling form with the selected value.

Replacements

Replacements provides Cayenta Schools with the ability to record the fulfillment of replacement requests, which are used to replace absent employees with designated replacement employees. Replacement requests can be assigned preferred replacements based on the requirements (qualifications) determined for the position. Replacement employees can only see requests for assignments where they meet the replacement request qualifications.

Additionally, timekeepers can select preferred replacement employees, who are the only ones able to see a replacement request. In order for other qualified replacement employees to see requests with assigned preferred replacement employees, the preferred replacement employee must decline the request.


Once a replacement employee accepts a replacement request, it is added to their schedule.

Navigation

Navigate to *Main Menu > Time Entry > Schedule > Replacement Requests*.

Employee Usage

Accept a Replacement Request

 Replacement requests where the user is a preferred replacement are indicated by a star under the *Preferred* column in the data grid.

1. Click on an available request to open the **Replacement Request Details** form and review the following details:
 - *Assignment*
 - *Work Location*
 - *Preferred Replacement*
 - *Requirements*
 - *Time Intervals*
2. If necessary, select the **Documentation** tab to review request documentation.
3. Click **Accept**.
The replacement request is removed from the **Replacement Requests** sub-tab and is moved to the **My Schedule** sub-tab as a scheduled replacement item. The scheduled replacement status is changed to Accepted Pending.
4. Click **Submit** to save changes in the database.
The scheduled replacement status is changed to Approver Approved.


Decline a Replacement Request

1. Click on an available request to open the **Replacement Request Details** form and review the following details:
 - *Assignment*
 - *Work Location*
 - *Preferred Replacement*
 - *Requirements*
 - *Time Intervals*

2. Click *Decline*.
The *Decline Reason* prompt displays.
3. Select the appropriate *Decline Reason* from the following:
 - a. Holiday Reason
 - b. Sick Reason
 - c. Other Reason
4. Click *Decline*.

Timekeeper Usage

Assign a Replacement Request to an Employee

 Outstanding requests are identified by an orange exclamation point (!) icon in the data grid.

1. Click on an available request to open the **Replacement Request Details** form.
2. Under *Preferred* and/or *Other Eligible* mark the desired employee(s) from the list of qualified replacement employees.
3. Click the *Assign* button.
The request is removed from the **Replacement Request** sub-tab and is moved to the **Schedule** sub-tab as a scheduled replacement item. The scheduled replacement status is changed to Approver Approved.
4. Click the *Process* button to save changes in the database.

Fields

Data Grid

Field	Description
<i>Period</i>	The replacement request date range.
<i>Daily Hours</i>	The daily shift hours for the request.
<i>Preferred</i>	Indicates if the user is a preferred replacement.
<i>Description</i>	Displays the assignment code and location.

Replacement Request Details Form

Field	Description
<i>Assignment</i>	The assignment code indicating the request position.

<i>Work Location</i>	The replacement request location.
<i>Preferred Replacement</i>	Preferred replacement employees.
<i>Requirements</i>	The necessary qualifications for the replacement request (e.g. Math - Senior Secondary).
<i>Time Intervals</i>	Displays the following replacement request details: <ul style="list-style-type: none"> • <i>Date</i> • <i>Pay Type</i> • <i>Time</i> • <i>Daily Hours</i> • <i>Start</i> • <i>End</i>

Replacement Request Assignee Form (Timekeeper Screen)

Field	Description
<i>Preferred (Available)</i>	Displays available preferred replacement employees.
<i>Other Eligible (Available)</i>	Displays available eligible replacement employees.
<i>Preferred (Refused)</i>	Displays preferred replacement employees who refused the request.
<i>Other Eligible (Refused)</i>	Displays other eligible replacement employees who refused the request.

Time Intervals Data Grid

Field	Description
<i>Date</i>	The replacement request shift date.
<i>Pay Type</i>	The replacement request pay type.

<i>Time</i>	Indicates the time at which the replacement employee is needed (e.g. AM, PM, full day).
<i>Start</i>	The shift start time.
<i>End</i>	The shift end time.

Buttons

Button	Description
<i>Accept</i>	As a replacement employee, accept the replacement request.
<i>Decline</i>	As a replacement employee, decline the replacement request.
<i>Submit</i>	Submit the request and save the current record to the database.
<i>Assign</i>	As a timekeeper, assign a replacement employee to the replacement request.
<i>Process</i>	Process changes to the replacement request and save changes to the database.

Book Off

Book Off provides Cayenta Schools users with the ability to book off time so they are not available to replace employees on leave (e.g. a substitute teacher who is unavailable for replacement work during a specific period). Book off records are essentially leave requests that indicate off-work times and do not require timekeeper approval.

Navigation

Navigate to *Main Menu > Time Entry > Schedule > My Schedule*.

Usage

Add a Book Off Request

1. Select a unit/subunit and a resource.
2. Click *Add Book Off*.
3. Under the **Book Off Request** form, fill in the following details:
 - *Start Date*
 - *Start Time*
 - *End Date*
 - *End Time*
 - *Leave Type*

4. If necessary, add attachments and enter *Notes*.
5. Click *Save*.

Edit a Book Off Request

1. Select a unit/subunit and a resource.
2. Click on an existing book off request to open it.
3. Update any of the following details under the **Book Off Request** form:
 - *Start Date*
 - *Start Time*
 - *End Date*
 - *End Time*
 - *Leave Type*
4. If necessary, revise attachments and *Notes*.
5. Click *Save*.

Remove a Book Off Request

1. Select a unit/subunit and a resource.
2. Click *Remove*.
3. Mark the requests to be deleted.
4. Validate by clicking the checkmark icon.

View a Book Off Request

1. Select a unit/subunit and a resource.
2. Click on a book off request to view details.

Change View for Requests

1. Select a unit/subunit and a resource.
2. Next to the filter drop-down, click one of the following view icons:
 - a. *List View*: Display a list of requests.
 - b. *Month View*: Display a navigable monthly calendar.
 - c. *Year View*: Display a navigable yearly calendar with all 12 months.

Fields

Field	Description
<i>Start Date</i>	Start date of the book off request.
<i>Start Time</i>	Start time of the book off request.
<i>End Date</i>	End date of the book off request.

<i>End Time</i>	End time of the book off request.
<i>Leave Type</i>	The leave type for a planned absence.
<i>Notes</i>	Additional information regarding the reason for the book off request.

Buttons

Button	Description
<i>Add Book Off</i>	Create a new book off request.
<i>Save</i>	Save the details of a new book off request or changes made to an existing book off request.
<i>Checkmark</i>	Save the current record to the database, then close the form and (if applicable) populate the calling form with the selected value.
<i>Remove</i>	Remove the planned leave request.

Integration with Payroll

The following is a list of topics displayed under Integration with Payroll:

- [Payroll Upload](#)
- [Payroll Approval](#)

Payroll Upload

The **Time Entry Upload** process selects the time entry (TE) records with the status of Ready for Payroll for the entered parameters and builds a batch of payroll (PA) transactions. One **Payroll Period Earning Transaction** table (PA101T) is created for each **Time Entry Transaction** table (TE101T) and the status of the TE transaction changes to Uploaded to Payroll. PA users can modify the batch, send email notifications to the assigned approver, and edit transaction details, then click *Edit List* or *Ready for Approval* when done.

When the PA batch is ready for approval, an email notification is sent to the assigned approver. When the PA batch is approved, the TE transaction record's status is changed to Approved by Payroll.

Usage

New Upload

1. With a blank batch number, if necessary, click *Select Unit* to select units/subunits for upload.
2. To upload, either:
 - a. Click *Upload* to create a new batch with all time entries in the cycle.
 - b. Click *Upload By Unit* to upload time entries by the selected units.
 - c. Click *Upload SU* to upload time entries by the selected subunits.
3. Enter the *Payroll Type*, *Payroll Cycle*, and *Pay Period* selection parameters.
4. Click *Save* to upload all TE transactions for that period.

Add to Existing Upload

1. In the *Batch Number* field, enter an existing batch of PA transactions or click *Search* to select from the list screen.
2. Click *Upload* to initiate the process to add more TE transactions meeting the same selection parameters to the same batch.

Send Email

Click *Notify* to send an email notification to the timekeeper.

Display/Maintain Current Batch Detail

1. Enter an existing batch of PA transactions or use the magnifying glass icon to select from the list screen.
2. Click *Modify* to access the **Detail** screen where PA transactions in the batch can be seen, modified, deleted, or added to.

Fields

Field	Description
<i>Batch Number</i>	The PA batch number.
<i>Payroll Type</i>	Payroll type is used to find employee time records in the <i>Time Entry Transaction</i> table. <ul style="list-style-type: none">Payroll type is not saved in the Time Entry module.
<i>Payroll Cycle</i>	Payroll cycle is used to find employee time records in the <i>Time Entry Transaction</i> table. <ul style="list-style-type: none">Payroll cycle is not saved in the Time Entry module.
<i>Payroll Period</i>	Once the list of employees has been determined, the payroll period is used to determine the date range for the transactions to upload. <ul style="list-style-type: none">Payroll period is not stored in the Time Entry module.

Buttons

Button	Description
<i>Upload</i>	Upload all time entries in the cycle.
<i>Modify</i>	Navigate to the <i>Detail</i> screen to see, modify, or add to PA transactions.
<i>Notify</i>	Initiate the process to send an email to the timekeeper/approver.
<i>Save</i>	Upload all TE transactions for that period.
<i>Select Unit</i>	Select subunits for upload.
<i>Upload By Unit</i>	Upload time entries by the selected unit.
<i>Upload SU</i>	Upload time entries by the selected subunits.

Payroll Upload Batch Search

The *Payroll Upload Batch Search* is a standard batch header search screen that displays the status of existing batches.

Batch Status Values

Status	Description
Uploaded	The batch has been created by the Payroll Upload process.
Accepted	The batch has been submitted for approval. Set by bringing up the Detail screen, clicking <i>Modify</i> , and then <i>Accept</i> .
Rejected	Set by deleting transactions in <i>Modify</i> mode within the Detail screen.
Batch Errors	Set by bringing up the Detail screen but not using <i>Modify</i> mode to trigger the edit checking functions. <ul style="list-style-type: none">• Can also be set if the edit list process finds errors.• To see errors, navigate to the Edit List report.

Payroll Upload Edit List

Buttons

Button	Description
<i>Edit List</i>	Generate an Edit List report.
<i>Multi-Level Approval Submit</i>	Initiate the approval process by marking the batch as accepted and sending an email to the approver if configured.
<i>Payroll Email</i>	Edit and send an email to the first/next approver and any CC recipients as defined in the multi-level approval configuration.

Payroll Approval

Payroll Approval is used to approve the uploaded transactions and make the **Payroll Period Earning Transaction** table (PA101T) transactions ready to be used in payroll processing. The **Multi-Level Approval (MLA) Earning Edit List** process is used to print an **Edit** list to check for errors and initiate the approval process.

Usage

Edit List

Click *Edit List* to generate an **Edit** list.

Approve

Click *Multi-Level Approval Submit* to initiate the **MLA Approval** process by setting the transaction statuses and sending an email to the first approver (as defined on the *MLA Template* table).

Email

Click *Payroll Email* to initiate the email creation process. This is not needed if an email is configured to be created automatically.

Buttons

Button	Description
<i>Edit List</i>	Generate an <i>Edit</i> list.
<i>Multi-Level Approval Submit</i>	Initiate the MLA Approval process.
<i>Payroll Email</i>	Initiate the email creation process.

Configuration

The following is a list of topics displayed under Configuration:

- [Assignment Codes](#)
- [Preference Codes](#)
- [Calendar Maintenance](#)
- [Pay Type Maintenance](#)
- [Resource Maintenance](#)
- [Schedule Period Maintenance](#)
- [Shift Maintenance](#)
- [Timekeeper Maintenance](#)
- [Unit Maintenance](#)
- [Category Maintenance](#)
- [Function Maintenance](#)
- [GL Code Maintenance](#)
- [Sub Category Maintenance](#)

Assignment Codes

The **Assignment Codes** screen allows users to search, view, add, and delete assignment codes, and add and remove occupation codes.

Employees can be assigned multiple assignments, each with their own assignment code. These codes identify the type of employee and determine replacement eligibility. Occupation codes are linked to assignment codes to establish the corresponding pay rates, and each assignment code can have a list of allowable occupation codes to ensure that employees adhere to authorized occupation codes when recording their time entries.

Replacement assignment codes are used to control the type of employees that can replace an absent employee (e.g. teachers, vice principals, principals, etc.), while override occupation codes define replacement pay rates.

Navigation

Navigate to *Main Menu > Settings > Assignment Codes*.

Usage

Search for an Assignment Code

1. Click the magnifying glass icon.
2. Enter part of the desired assignment code or description.
3. Select the desired assignment code from the list to see assignment code details.

Add an Assignment Code

1. Click the *Add (+)* icon from the list on the left side.
2. Fill in the *Code* and *Description* fields.
3. Click *Save*.

Delete an Assignment Code

1. Select the desired assignment code from the list on the left side.
2. Click the vertical ellipsis icon near the top right of the page.
3. Click *Delete*.
4. Confirm by clicking *Ok* to delete the assignment code.

Edit an Assignment Code

1. Select the desired assignment code from the list on the left side.
2. Update the *Description* field. The *Assignment Code* field can't be edited.
3. Click *Save*.

Add an Allowable Occupation Code

1. Select the desired assignment code from the list on the left side.
2. Select the **Allowable Occupation Codes** tab.
3. Click *Add* on the data grid.
4. Fill in the following fields on the form:
 - *Allowable Occupation Code (Code/Special Position/Pay Step)*
 - *Replacement Override*
 - *Replacement Min Hours*
 - *Replacement Max Hours*
 - *Replacement Min Days*
 - *Replacement Max Days*
5. Click *Save*.

Remove Allowable Occupation Codes

1. Select the desired assignment code from the list on the left side.
2. Select the **Allowable Occupation Codes** tab.
3. Click *Remove* on the data grid.
4. Mark the occupation codes to be removed.
5. Validate by clicking the checkmark icon.
6. Click *Save*.

Add a Replacement Assignment Code

1. Select the desired assignment code from the list on the left side.
2. Select the **Replacements** tab.
3. Click *Add* on the data grid.
4. Fill in the *Substitute Assignment Code* and *Description* fields.
5. Click *Save*.

Remove Replacement Assignment Codes

1. Select the desired assignment code from the list on the left side.
2. Select the **Replacements** tab.
3. Click *Remove* on the data grid.
4. Mark the replacement assignment codes to be removed.

5. Validate by clicking the checkmark icon.
6. Click *Save*.

Fields

Field	Description
<i>Occupation Code</i>	A number composed of a maximum of four digits that represents an occupation code as defined in the <i>Occupation Code Master</i> table (PA004T). The occupation code defines the employee's pay rate.
<i>Special Position</i>	A special position code character to allow variation of the standard occupation code.
<i>Pay Step</i>	Optional. The pay step is defined in the <i>Occupation Code Master</i> table. If no specific pay step is defined, when the occupation code is used in Time Entry, the employee's current pay step will be used.
<i>Replacement Override</i>	A checkbox that indicates whether the allowable occupation code should be used as the occupation code when entering a timesheet for a replacement.
<i>Minimum Replacement Hours</i>	Minimum number of consecutive replacement hours required before this occupation code can be entered.
<i>Maximum Replacement Hours</i>	Maximum number of consecutive replacement hours required before this occupation code can be entered.
<i>Minimum Replacement Days</i>	Minimum number of consecutive replacement days required before this occupation code can be entered.
<i>Maximum Replacement Days</i>	Maximum number of consecutive replacement days required before this occupation code can be entered.

Buttons

Button	Description
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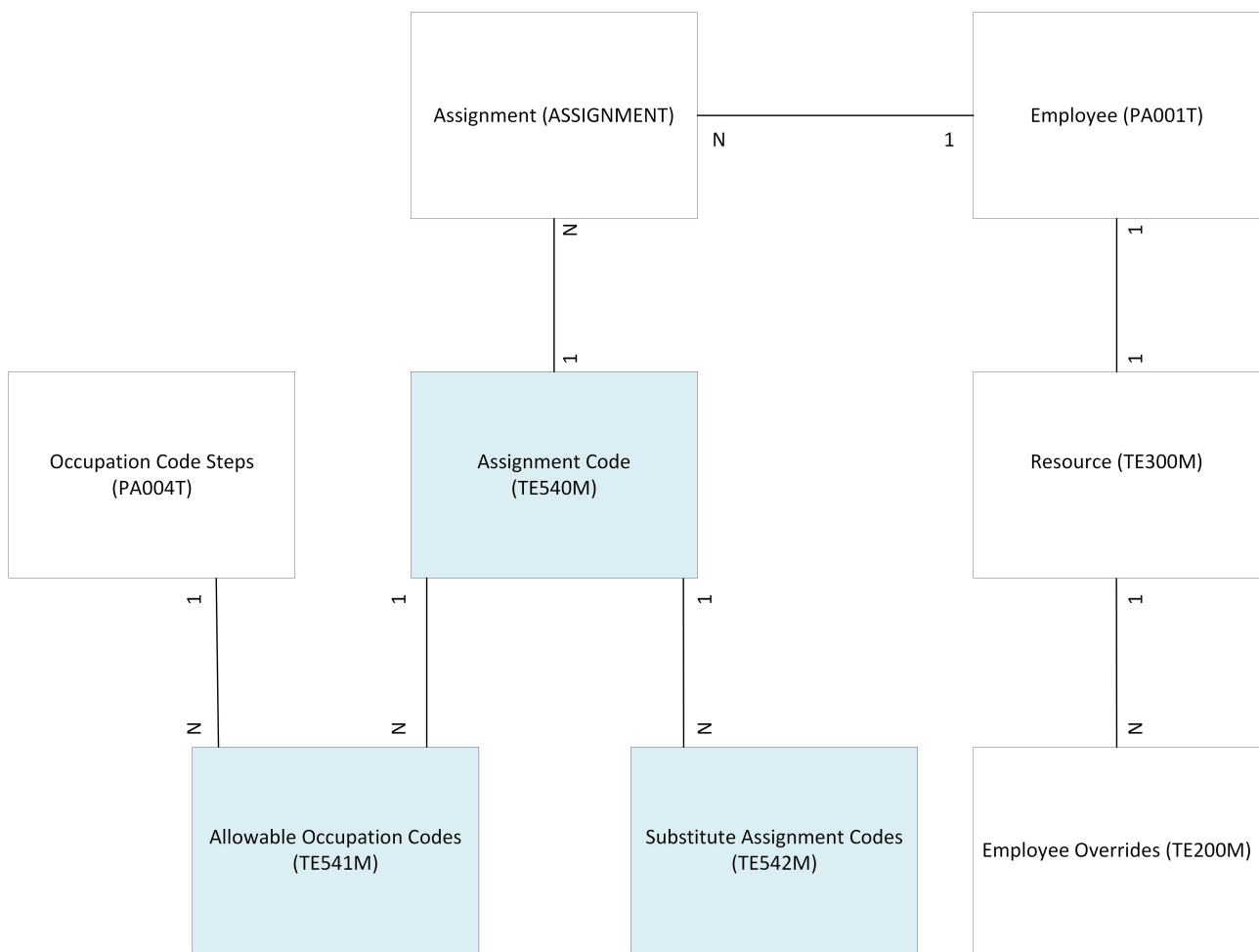
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new assignment code, allowable occupation code, or a replacement assignment code.
<i>Delete</i>	Delete an assignment code.
<i>Save</i>	Save the current record to the database.
<i>Remove</i>	Remove an allowable occupation code or a replacement assignment code from an assignment code.
<i>More</i>	Open a list of additional functions.
<i>Checkmark</i>	Validate the removal of the current selection.

Time Entry Database Tables and Assignment Codes

Data Model

Assignment Codes

The following diagram shows the tables required to allow specification of Assignment Codes, Allowable Occupation Codes, and Substitute Assignment Codes.



The Assignment Code Data Model in Time Entry

Tables

Assignment Code (TE540M)

Column Name	Type	Notes
SEQ_NO	NUMBER(11) not null	Primary key.
ASSIGNMENT_CD	VARCHAR2(5) not null	Business key.
DESCRIPTION	VARCHAR2(40) null	Optional description.
LAST_MODIFIED_DT	DATE not null	Standard audit field.

LAST_USER_ID	VARCHAR2(30) not null	Standard audit field.
CREATED_DT	DATE not null	Standard audit field.
CREATED_USER_ID	VARCHAR2(30) not null	Standard audit field.

Allowable Occupation Codes (TE541M)

Column Name	Type	Notes
SEQ_NO	NUMBER(11) not null	Primary key.
ASSIGNMENT_CD	VARCHAR2(5) not null	Parent business key.
OCCUPATION_CODE	NUMBER(4) not null	Validate against PA004T.
SPECIAL_POSITION	CHAR(1) null	Validate against PA004T.
PAY_STEP	CHAR(2) null	Validate against PA004T.
REPLACEMENT_OVERRIDE_YN	CHAR(1) not null	Indicates if the Occupation Code should be used when entering a Timesheet for a replacement.
MIN_REPLACEMENT_HOURS	NUMBER(4) not null	Minimum number of consecutive replacement hours required before this occupation code can be entered.
MAX_REPLACEMENT_HOURS	NUMBER(4) not null	Maximum number of consecutive replacement hours that can be entered under this occupation code.
MIN_REPLACEMENT_DAYS	NUMBER(4) not null	Minimum number of consecutive replacement days required before this occupation code can be entered.

MAX_REPLACEMENT_DAYS	NUMBER(4) not null	Maximum number of consecutive replacement days that can be entered under this occupation code.
LAST_MODIFIED_DT	DATE not null	Standard audit field.
LAST_USER_ID	VARCHAR2(30) not null	Standard audit field.
CREATED_DT	DATE not null	Standard audit field.
CREATED_USER_ID	VARCHAR2(30) not null	Standard audit field.

Substitute Assignment Codes (TE542M)

Column Name	Type	Notes
SEQ_NO	NUMBER(11) not null	Primary key.
ASSIGNMENT_CD	VARCHAR2(5) not null	Parent business key.
SUBSTITUTE_ASSIGNMENT_CD	VARCHAR2(5) not null	Validate against TE540M.
LAST_MODIFIED_DT	DATE not null	Standard audit field.
LAST_USER_ID	VARCHAR2(30) not null	Standard audit field.
CREATED_DT	DATE not null	Standard audit field.
CREATED_USER_ID	VARCHAR2(30) not null	Standard audit field.

Occupation Code Step (PA004T)

The following table contains only the columns relevant to Assignment Codes.

Column Name	Type	Notes
PAYROLL_CYCLE	CHAR(1) not null	Primary key component.
OCC_CODE	NUMBER(4) not null	Primary key component.

SPEC_POSN	CHAR(1) not null	Primary key component.
PAY_STEP	CHAR(2) not null	Primary key component.
EFD_EXPIRY_DT	DATE not null	Primary key component.
EFD_START_DT	DATE not null	
UNION_CODE	NUMBER(2) not null	
DESCRIPTION	CHAR(30) null	
PAYROLL_TYPE	CHAR(1) null	
LONG_DESCRIPTION	CHAR(60) null	
OCC_CODE_REF	CHAR(7) not null	Combined Occupation Code/ Special Position Character/Pay Step.

Assignment (ASSIGNMENT)

The following table contains only the columns relevant to Assignment Codes.

Column Name	Type	Notes
SEQ_NO	NUMBER(11) not null	Primary key
ASSN_NO	NUMBER(11) not null	
EMPLOYEE_NO	CHAR(10) not null	
TYPE	VARCHAR2(20) null	
STATUS	VARCHAR2(20) null	
EFD_EXPIRY_DT	DATE not null	
EFD_START_DT	DATE not null	

TIME_ENTRY_ASSN_CD	CHAR(5) null	Assignment Code
ASSN_START_DT	DATE null	
ASSN_TERM_DT	DATE null	
PRIMARY_ASSN_YN	CHAR(1) null	
PAYROLL_TYPE	CHAR(1) not null	Payroll Type to be used when validating with PA004T
PAYROLL_CYCLE	CHAR(1) not null	Payroll Cycle to be used when validating with PA004T
OCCUPATION_CODE	NUMBER(4) not null	Occupation Code
SPECIAL_POSITION	CHAR(1) not null	Special Position Character
PAY_STEP	CHAR(2) not null	Pay Step
UNION_CD	NUMBER(2) not null	Union Code to be used when validating with PA004T

Preference Codes

Preference codes are single-value settings that allow the user to configure how the system, screens, processes, or reports function.

Preference codes are configured by Cayenta Application Consultants. The configuration depends on the client's business processes and how the client wants to use Cayenta as part of their business operations; for example, how they want to configure AMI through meter types or device types and where their AMI reads are coming from. In many cases, preferences and control codes are used hand-in-hand to configure the system's behavior.

TE | A

Preference Code	Description
TE/ASCOL	Assignment Column Set to <i>true</i> (marked) to show the <i>Assignment</i> column.

TE | C

Preference Code	Description
TE/CIEXP	<p>Clock in Expiry</p> <p>When clocking in/out, if an employee has been clocked in for over TE/CIEXP hours, the employee is given the following prompt: “You have been clocked in since DATE: TIME (over X hours). You may have forgotten to clock out previously. Are you Clocking In or Clocking Out?” The employee is given the options to Cancel, Clock Out, or Clock In.</p> <ul style="list-style-type: none"> • If they clock out (meaning they've worked a long time) the clock out is processed normally. • If they clock in (meaning they forgot to clock out) the old clock in is marked as clocked out with zero hours and a new clock in record is created. The supervisor will need to manually enter the employee's hours in Time Entry.
TE/CLKIN	<p>Clock In Required</p> <p>When <i>true</i> (marked), the system runs the clock-in screen if a user logs into the CU without running clock-in first.</p>
TE/CODIS	<p>Clock Out Display</p> <p>Display the Clock Out screen showing clock in/out times and time entry records to be generated.</p>

TE | D

Preference Code	Description
TE/DACTABLKUP	<p>DAC Tab Lookup</p> <p>Set DAC tab lookup sort sequence.</p>
TE/DBTIM	<p>Use Database Time for Clock In/Out</p> <p>Use the database to determine the date/time rather than the local PC date/time. This allows centralization of the timestamps and prevents clock manipulation.</p>

TE/DLTML	Daily Time Entry Logging and Submission This is required if the users enter and submit time daily. When set to <i>false</i> (unmarked), time lines for specific pay types with no time entered are not shown on the page after the initial save.
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TE | E

Preference Code	Description
TE/ECBRK	Break Pay Type Code Posting code for break time.
TE/ECOT	Overtime Earnings Code Overtime earnings code.
TE/ECTHRES VAL	Earnings Code Threshold Validation Set to <i>true</i> (marked) to turn on earnings code threshold validation.
TE/EDITJOB	Edit Job Set to <i>true</i> (marked) to allow the current approver to edit a job from the approval screen.
TE/EQCOL	Equipment Column Set the flag to Y to show the <i>Equipment</i> column. Set the flag to L to show the <i>Legacy Equipment</i> column. In Time Entry (TE), after the final approver approves the added equipment on the TE101T, a new line is included in TE101T with the equipment set up as <i>employee_id</i> .

TE | G

Preference Code	Description
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TE/GEOFP	Geofencing Proximity (m) Geofencing proximity (in meters) for click in/clock out. If proximity is zero, then no geofencing is enforced.
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TE | H

Preference Code	Description
TE/HIST	Number of Days of Timecard History Number of days of timecard history to keep on mobile device. Default is 14, which will return a history on 14 days of timecard submitted time.

TE | I

Preference Code	Description
TE/INTVL	Time Tracking Interval Time tracking interval specified in minutes. Used to set the clock in/out and break time. It estimate an x minute limit, with the default of x=5. For example: Clock in at 09:04 official start time will be set as 09:00, or clock in at 09:06 official start time will be set as 09:05.

TE | J

Preference Code	Description
TE/ JOBTABL KUP	Job Tab Lookup Set Job tab lookup sort sequence.

TE | L

Preference Code	Description
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TE/ LEGALDIS	Legal Disclosure Display the Legal Disclosure popup.
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TE | M

Preference Code	Description
TE/ MAXHR	Cascade Max Daily Hour Changes When set to <i>true</i> (marked), the changes made to the <i>Max Daily Hour</i> of an existing earning code in the Paytype Maintenance (TE150M) will be cascaded to TE140M for records with the same earning code and with the same original <i>Max Daily Hour</i> as the earning code.
TE/ MLANOEM AIL	MLA No Email Needs update.

TE | N

Preference Code	Description
TE/ NOCONTR CT	No Contract Set to <i>true</i> (marked) to hide the <i>Contractor</i> line on the Crew Card.

TE | O

Preference Code	Description
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TE/OTDIF	<p>Scheduled Start vs. Early Start OT</p> <p>Determines how/when clock-in will default the earnings code to the OT/Callback earnings code identified by preference TE/ECOT.</p> <p>Options include:</p> <ol style="list-style-type: none"> 1. If clocking in after the scheduled shift is over, then it defaults to OT. 2. If clocking in on a day off (as indicated by TE311M.DAY_OFF_YN), then it defaults to OT. 3. If clocking in X hours before the shift is scheduled to start, then it defaults to OT. <ol style="list-style-type: none"> a. X is the value of this preference. Enter -1 if there is no such threshold.
TE/OTMIN	<p>Minimum Time for OT/Callback</p> <p>Minimum time to be recorded for overtime or callback.</p>

TE | P

Preference Code	Description
TE/PLDIS	<p>Number of Years of Planned Leave Display</p> <p>Number of calendar years of planned leave (PL) to display in Time Card mobile application. Default is 2 years.</p> <p>For example: If set to 3, then three years of PL requests are displayed. If the current date is March 19, 2020, the Time Card mobile application will display all PL transactions for 2018, 2019, and 2020.</p>

TE | S

Preference Code	Description
TE/SAVEJOB OBJ	<p>Save Job Object</p> <p>Set to <i>true</i> (marked) to save the job object in the <i>Charge Code</i> column.</p> <p>For example: Adds the /0001 to JO10-10/0001 before saving in TE101T.</p>
TE/SETEUTS	<p>Hide Adjust Button</p> <p>Set to <i>true</i> (marked) to hide the <i>Adjust</i> button.</p>

TE/ STATCHECK	<p>Stat Check</p> <p>Turning this on will cause an error message to show when the equipment in EQ001M is not active.</p> <p>When set to <i>true</i> (marked), the Time Entry form validates EQ001M.STAT when the equipment ID is provided. The form returns the "This Equipment Number is not Active." error when the following criteria are met:</p> <ul style="list-style-type: none"> • EQ001M.STAT is not null. • EQ001M.STAT <> ' ' . • EQ001M.STAT <> 'A' .
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TE | T

Preference Code	Description
TE/TCDAC	<p>Allow DAC for Time Card Entry Posting Code</p> <p>Determines if the clock-out screen allows DACs (vs. jobs or work orders) to be used as the posting code.</p>
TE/TCJOB	<p>Allow Job for Time Card Entry Posting Code</p> <p>Determines if the clock-out screen allows jobs (vs. DACs or work orders) to be used as the posting code.</p>
TE/TCWO	<p>Allow Work Order for Time Card Entry Posting Code</p> <p>Determines if the clock-out screen will allow work orders (vs. DACs or jobs) to be used as the posting code.</p>
TE/ TEHLEDIT YN	<p>Allow Time Entry to Edit Holiday Hours</p> <p>Set to <i>true</i> (marked) to unlock the holiday row. This allows Time Entry to edit holiday hours before saving in TE101T.</p>
TE/ TEPLEDIT YN	<p>Allow Planned Leave Lines to be Edited Before Saving in TE101T</p> <p>Set to <i>true</i> (marked) to allow planned leave lines to be edited before saving in TE101T.</p>

TE/TMOUT	Time Out for Connect Time Card The number of minutes to allow Connect Time Card to be inactive before requiring re-authentication.
TE/ TURNOFF CAL	Turn Off Planned Leave Hour Calculation Set to <i>true</i> (marked) to turn off planned leave hour calculation.

TE | W

Preference Code	Description
TE/ WOLTABL KUP	WOL Tab Lookup Set the WOL tab lookup sort sequence.
TE/ WRKORD NOLN	Allow Timesheet Entry Work Order without Line Number Determines if a timesheet entry work order without a line number is allowed.

Calendar Maintenance

Calendar Maintenance defines statutory holidays for a holiday calendar code, as well as the default pay type, posting code, and hours to use when the holiday falls in the week for which time is being entered. This set of dates is standard for all employees, but there may be exceptions for special groups with jobs that have 24-hour coverage, such as emergency services.

Navigation

Navigate to *Main Menu > Settings > Calendar Maintenance*.

Usage

Search for Calendar

1. Click the magnifying glass icon.
2. Enter part of the desired calendar code or description.
3. Select the desired calendar from the displayed list to see calendar details.

Add a Calendar

1. Click the *Add* (+) icon from the list on the left side.
2. Fill in the *Code* and *Description* fields.
3. Click *Save*.

Delete a Calendar

1. Select a calendar from the list on the left side or search for a calendar by clicking the magnifying glass icon.
2. Click the vertical ellipsis icon.
3. Click *Delete*.
4. Confirm by clicking *Ok* to delete the calendar.

Edit a Calendar

1. Select a calendar from the list on the left side or search for a calendar by clicking the magnifying glass icon.
2. Update the *Description* field. The *Code* field can't be edited.
3. Click *Save*.

Copy Calendar

1. Select a calendar from the list on the left side or search for a calendar by clicking the magnifying glass icon.
2. Click the vertical ellipsis icon.
3. Click *Copy*
4. Fill in the *Code* field on the copied calendar.
5. Click *Save*.

Add A Date in the Calendar

1. Select a calendar from the list on the left side or search for a calendar by clicking the magnifying glass icon.
2. Click *Add*.
3. Fill in the following fields:
 - *Date*
 - *Description*
 - *Abbreviation (Abbr.)*
 - *Pay Type*
 - *Pay Type Long Description*
 - *Posting Code*
 - *Posting Code Description*
 - *Hours*
 - *Start Time*
 - *End Time*
 - *Non-Working*
4. Click *Save*.

Remove a Date from the Calendar

1. Select a calendar from the list on the left side or search for a calendar by clicking the magnifying glass icon.
2. Click *Remove*.
3. In the data grid, mark the dates to be removed.
4. Validate by clicking the checkmark icon.
5. Click *Save*.

Change Calendar View

1. Select a calendar from the list on the left side or search for a calendar by clicking the magnifying glass icon.
2. Select one of the following views by clicking the appropriate icon in the top-right corner of the data grid:
 - List view: View a list of all dates.
 - Calendar view: View a monthly calendar.
 - i. Use the navigation buttons to go to the next or previous month.

Fields

Field	Description
<i>Code</i>	Mandatory. Code name for the calendar.
<i>Description (Calendar)</i>	Mandatory. The description for the calendar.
<i>Holiday Date</i>	Mandatory. Date of the holiday or non-working day being added to the calendar.
<i>Description (Date)</i>	Mandatory. This is the description of the calendar date.
<i>Abbreviation</i>	Optional. Abbreviation for the holiday for the calendar date.
<i>Pay Type</i>	This is the time entry earning code. The pay type entered here for the calendar date will be defaulted onto the employee's timesheet when this date comes up in the shift.
<i>Pay Type Long Description</i>	Description of the pay type. This is a read-only field which auto-populates based on the pay type that is chosen.
<i>Posting Code</i>	Optional. This becomes the default posting code on the Time Entry screen when this holiday overrides the standard shift definition.

<i>Posting Code Description</i>	Description of the posting code. This is a read-only field which auto-populates based on the posting code that is chosen.
<i>Hours</i>	Total hours for this date. Typically, the hours entered here are the same as what is defaulted on the shift calendar.
<i>Start Time</i>	Optional. Start time.
<i>End Time</i>	Optional. End time.
<i>Non-Working</i>	A checkbox that indicates whether this is a non-working holiday.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new calendar or date.
<i>Delete</i>	Delete an existing calendar.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.
<i>Remove</i>	Remove a date from a calendar.

Pay Type Maintenance

Pay Type Maintenance allows users to search, add, delete, and copy a pay type, as well as add, edit, and remove groups, restrictions, and reasons for pay types. This screen also maintains the list of codes used by employees to charge time against a working time, leave of absence, or a book-off period.

Navigation

Navigate to *Main Menu > Settings > Pay Type Maintenance*. The **Pay Type Maintenance** screen can also be accessed from the **Pay Type** tab in **Unit Maintenance**.

Usage

Search for Pay Type

1. Click the magnifying glass icon.
2. Enter part of the desired pay type ID or description.
3. Select the desired pay type from the displayed list to see pay type details.

Add a Pay Type

1. Click the *Add (+)* icon.
2. Fill in the following fields on the **General** tab:
 - *Pay Type ID*
 - *Abbreviation*
 - *Active*
 - *Category*
 - *PA Earning Code*
 - *Description*
 - *Long Description*
 - *Min Daily Hours*
 - *Max Daily Hours*
 - *Max Period Hours*
 - *Max Schedule Period Hours*
 - *Min Increment Step (Minutes)*
 - *Sort Sequence*
 - *Crew Card Column*
3. Click *Save*.

Delete a Pay Type

1. Select or look up a pay type.
2. Click the vertical ellipsis icon.
3. Click *Delete*.
4. Confirm by clicking *Ok* to delete the pay type.

Edit a Pay Type

1. Select or look up a pay type.
2. Update any of the following fields:
 - *Abbreviation*
 - *Active*
 - *Category*
 - *PA Earning Code*
 - *Description*
 - *Long Description*
 - *Min Daily Hours*
 - *Max Daily Hours*
 - *Max Period Hours*
 - *Max Schedule Period Hours*

- *Min Increment Step (Minutes)*
 - *Sort Sequence*
 - *Crew Card Column*
3. Click *Save*.

Copy Pay Type

1. Select or look up a pay type.
2. Click the vertical ellipsis icon.
3. Click *Copy*.
4. Enter a new *Pay Type ID*.
5. Click *Save*.

Add Groups and Restrictions to a Pay Type

1. Select or look up a pay type.
2. On the **Groups and Restrictions** tab, fill in the *Add Group* field.
3. Mark the desired *Restriction* checkboxes:
 - *Comments Required*
 - *Automatically Approved*
 - *Employee Entered*
 - *Attachment Required*
 - *Reason Required*
 - *Posting Code Required*
4. Click *Save*.

Edit Groups and Restrictions for a Pay Type

1. Select or look up a pay type.
2. On the **Groups and Restrictions** tab, mark any of the following *Restrictions* checkboxes:
 - a. *Comments Required*
 - b. *Automatically Approved*
 - c. *Employee Entered*
 - d. *Attachment Required*
 - e. *Reason Required*
 - f. *Posting Code Required*
3. Click *Save*.

Remove Groups and Restrictions from a Pay Type

1. Select or look up a pay type.
2. On the **Groups and Restrictions** tab, clear the restrictions options and remove the necessary groups.
3. Click *Save*.

Add a Reason to a Pay Type

1. Select or look up a pay type.
2. On the **Reasons** tab, click *Add*.
3. Fill in the *Code* and *Description* fields.

4. Click *Save*.

Edit a Reason for a Pay Type

1. Select or look up a pay type.
2. On the **Reasons** tab, select a reason from the data grid.
3. Update the *Code* or *Description* fields if necessary.
4. Click *Save*.

Remove a Reason from a Pay Type

1. Select or look up a pay type.
2. On the **Reasons** tab, click *Remove*.
3. Mark reasons in the data grid to be removed.
4. Validate by clicking the checkmark icon.
5. Click *Save*.

Fields

Field	Description
<i>Pay Type</i>	Mandatory. The time entry pay type ID.
<i>Description</i>	Mandatory. The pay type description.
<i>Long Description</i>	The long description of the absence reason, including details about the bargaining unit's rules. Bargaining units are global.
<i>Abbreviation</i>	Optional. Short description of the earning code.
<i>Category</i>	Defines the type of pay codes. The category is used to sort and total on various reports in Time Entry. The drop-down list is not user-definable. <ul style="list-style-type: none">• In order to use planned leave, the <i>Leave</i> category must be selected. <i>Non-Earning</i> does not carry forward to the payroll upload.
<i>Payroll Earning Code</i>	The payroll earning code that corresponds to the selected time entry earning code.
<i>Min Daily Hours</i>	Determines the minimum number of hours that can be posted for this earning code for one employee for any specific day. This can be changed at the unit level and/or the employee level.

<i>Max Daily Hours</i>	Determines the maximum number of hours that can be posted for this earning code for one employee for any specific day. This can be changed at the unit level and/or the employee level.
<i>Maximum Period Hours</i>	Determines the maximum number of period hours that can be posted for this earning code for one employee for a specific period. This can be changed at the unit level and/or the employee level.
<i>Maximum Schedule Period Hours</i>	The maximum number of hours in the schedule period allowed to be requested/entered using this pay type in either Time Entry or Leave Entry. This will be used for entitlement limits by fiscal year.
<i>Sort Sequence</i>	This is a numeric field that is used to determine the sort of earning codes in the Time Entry or Leave Entry pay type dropdowns.
<i>Crew Card Column</i>	This is a numeric field that is used to determine the order in which the earning codes on the Crew Time Entry form display.
<i>Comments Required</i>	Whether or not comments are required when entering time using this pay type.
<i>Active</i>	A checkbox that indicates whether the pay type may be used in the Time Entry and Leave Entry processes.
<i>Employee Entered</i>	Indicates if employees are allowed to enter leave (for themselves) with this pay type (either through Connect Employee or Leave Entry).
<i>Reason Required</i>	Indicates if a reason code is required when entering leave using this pay type.
<i>Attachment Required</i>	Indicates if an attachment is required when entering leave using this pay type.
<i>Automatically Approved</i>	Indicates the multi-level approval (MLA) entry should be automatically approved when entering leave using this pay type.
<i>Posting Code Required</i>	Indicates whether a posting code is required when entering leave using this pay type.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new pay type or reason.
<i>Delete</i>	Delete a pay type.
<i>Remove</i>	Remove a reason from a pay type.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

Resource Maintenance

The Time Entry subsystem uses its own employee ID codes to uniquely identify every resource. The resource's unit/subunit is defined, along with a reference identifier to any integrated subsystem (such as a payroll employee number). The payroll employee number is optional so that resources who do not get paid (e.g. volunteers) can still have time tracked. The shift and holiday codes can be set at the resource level if they differ from the default identified for the unit or unit/subunit.

A resource's preplanned vacation time can be entered and maintained. This is used in time generation to override the time defaults determined by the standard shift code configuration.

Shift Code Tab

See the [Calendar](#) tab on the [Unit Maintenance](#) screen. The value entered in [Resource Maintenance](#) overrides the default identified for the unit or subunit to which the selected resource belongs.

Holiday Calendar Tab

See the [Calendar](#) tab on the [Unit Maintenance](#) screen. The value entered in [Resource Maintenance](#) overrides the default identified for the unit or subunit to which the selected resource belongs.

Navigation

Navigate to *Main Menu > Settings > Resource Maintenance*. The [Resource Maintenance](#) screen can also be accessed from the [Resources](#) tab in [Unit Maintenance](#).

Usage

Search for Resources

1. Click the magnifying glass icon.

2. Enter part of the desired resource ID or name.
3. Select the desired resource from the displayed list to see resource details.

Add a Resource

1. Click the *Add (+)* icon.
2. Fill in the following fields:
 - *Resource ID*
 - *Name*
 - *Resource Type*
 - *Resource Number*
 - *Resource Code*
 - *User ID*
 - *Initial*
 - *Filter out from lookup*
3. Click *Save*.

Delete a Resource

1. Select or look up a resource.
2. Click the vertical ellipsis icon, then click *Delete*.
3. Confirm by clicking *Ok* to delete the resource.

Edit a Resource

1. Select or look up a resource.
2. Update any of the following fields:
 - *Name*
 - *Resource Type*
 - *Resource Number*
 - *Resource Code*
 - *User ID*
 - *Initial*
 - *Filter out from lookup*
3. Click *Save*.

Copy Resource

1. Select or look up a resource.
2. Click the vertical ellipsis icon, then click *Copy*.
3. Fill in the *Resource ID*.
4. Click *Save*.

Add a Resource to a Unit

1. Select or look up a resource.
2. Click *Add* from the data grid.
3. Fill in the following fields:
 - a. *Unit*

- b. *Subunit*
 - c. *Start Date*
 - d. *End Date*
 - e. *Comments*
4. Click *Save*.

Remove a Resource from a Unit

1. Select or look up a resource.
2. Click *Remove* from the data grid.
3. Mark the units from which the resource is to be removed.
4. Validate by clicking the checkmark icon.
5. Click *Save*.

Fields

Field	Description
<i>Unit</i>	Highest level of grouping mechanism. This represents the unit the user will be granted access to and employees will belong to.
<i>Subunit</i>	This represents the subunit the user will be granted access to and employees will belong to.
<i>Resource ID</i>	Employee ID. While user-definable, many clients choose to use employee names, ID number, or payroll employee number.
<i>Name</i>	Resource name to be used on screens or reports in the Time Entry system. Note that this can be different from name in Payroll system if desired.
<i>Resource Type</i>	Identifies if the resource is a paid employee or is someone who needs to track time but is not in the payroll system. E.g. sometimes it is necessary to track hours worked by a volunteer or someone working an unpaid student term such as a co-op student.
<i>Resource Number</i>	The resource's payroll employee number. This field is required to create a logical link between the Time Entry and Payroll subsystems. The payroll employee number must exist on the Payroll Employee Master table (PA001M). This is validated against the Cayenta Payroll subsystem and displayed using the formatting rules defined here.
<i>Resource Code</i>	The resource code is related to the labor type.
<i>User ID</i>	Login user ID associated with the employee.

<i>Initial</i>	Resource initials. The maximum length is three characters.
<i>Filter out from lookup</i>	A toggle that indicates whether the resource should be filtered from the lookup.
<i>Start Date</i>	Controls the employee's ability to enter time sheets for a date.
<i>End Date</i>	Controls the employee's ability to enter time sheets for a date.
<i>Comments</i>	Add any necessary comments to this field.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new resource.
<i>Delete</i>	Delete a resource.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.
<i>Remove</i>	Remove a resource from a unit/subunit.
<i>Copy</i>	Duplicate a resource.

Schedule Period Maintenance

Schedule Period Maintenance manages defined time periods for shift and calendar scheduling. In the school industry, a school year would be represented as a schedule period.

Navigation

Navigate to *Main Menu > Settings > Schedule Period Maintenance*.

Usage

Add a Schedule Period

1. Click *Add* from the data grid.
2. Fill in the *Description*, *Start Date*, and *End Date* fields.
3. If necessary, mark the *Accessible* checkbox.
4. Click *Save*.

Edit a Schedule Period

1. Select a schedule period from the data grid.
2. Where necessary, update the *Description*, *Start Date*, and *End Date* fields.
3. If necessary, mark the *Accessible* checkbox.
4. Click *Save*.

Delete a Schedule Period

1. Click *Remove*.
2. Mark the schedule period to be removed.
3. Validate by clicking the checkmark icon.
4. Confirm deletion and save changes by clicking *Save*.

Fields

Field	Description
<i>Description</i>	The description of a schedule period.
<i>Start Date</i>	The day when the schedule period starts. Allows restriction so that earlier time can't be entered.
<i>End Date</i>	The day when the period schedule ends. Allows restriction so that later time can't be entered.
<i>Accessible</i>	The checkbox that determines whether the schedule can be accessed. It also indicates whether shifts and calendar dates from this schedule period should be from shift, calendar, or employee overrides.

Buttons

Button	Description
<i>Add</i>	Create a new schedule period.

<i>Remove</i>	Delete a schedule period.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

Shift Maintenance

Shift Maintenance defines the type of shift that users see when they open their timesheet, including:

- Effective start and end dates.
- Days in a cycle (pattern).
- Days on/off.
- Standard earning code and hours for each individual day in the shift cycle.

The shift code is attached to a unit or to an employee and is used to build the time entry (TE) default values for the employee for a week.

Navigation

Navigate to *Main Menu > Settings > Shift Maintenance*.

Usage

Search/Lookup for a Shift Code

1. Click the magnifying glass icon.
2. Enter part of desired the shift code or description.
3. Select the desired shift code from the displayed list to see shift code details.

Add a Shift Code

1. From the list on the left side, click the *Add (+)* icon.
2. Fill in the *Code*, *Start Date*, *End Date*, and *Description* fields on the form.
3. Optionally, fill in the *Min Daily Total Hrs* and *Max Daily Total Hrs* fields.
4. Click *Save*.

Delete a Shift Code

1. Select a shift code from the list on the left or look up a shift code.
2. Click *Delete*.
3. Confirm to delete the shift code.

Edit a Shift Code

1. Select a shift code from the list on the left or look up a shift code.
2. Update the *Start Date*, *End Date*, or *Description* fields. The *Code* field can't be edited.
3. Click *Save*.

Copy a Shift Code

1. Select a shift code from the list on the left or look up a shift code.
2. Click *Copy*.
3. Fill in the *Shift Code*.
4. Click *Save*.

Add a Day to the Cycle

1. Select a shift code from the list on the left or look up a shift code.
2. In the *Days* data grid, click *Add*.
3. If necessary, enter *Comments*.
4. If necessary, fill in the *Min Daily Total Hrs* and *Max Daily Total Hrs* override fields.
5. Click *Save*.

Remove a Day in the Cycle

1. Select a shift code from the list on the left or look up a shift code.
2. Select a day in the *Days* data grid.
3. Click *Delete*.
4. Validate the changes by clicking *Save*.

Copy a Day in the Cycle

1. Select a shift code from the list on the left or look up a shift code.
2. Select a day in the *Days* data grid.
3. Click *Copy*.
4. Validate changes by clicking *Save*.

Assign a Pay Type to a Day in the Cycle

1. Select a shift code from the list on the left or look up a shift code.
2. Select a day in the *Days* data grid.
3. Add a pay type by clicking *Add*.
4. Fill in the *Pay Type* field.
5. If necessary, fill in the following fields:
 - *Assignment Code*
 - *Hours*
 - *Start Time*
 - *End Time*
 - *FTE Category*
 - *Working*
6. Click *Save*.

Assign a Posting Code to a Day in the Cycle

1. Select a shift code from the list on the left or look up a shift code.
2. Select a day in the *Days* data grid.
3. Add a posting code by clicking *Add*.
4. Fill in the *Posting Code* field (*Distribution Code/Work Order/Job*).

5. If necessary, fill in the following fields:

- *Assignment Code*
- *Hours*
- *Start Time*
- *End Time*
- *FTE Category*
- *Working*

6. Click *Save*.

Remove a Pay Type or Posting Code from a Day in the Cycle

1. Select a shift code from the list on the left or look up a shift code.
2. Select a day in the *Days* data grid.
3. Remove pay types or posting codes by clicking *Remove*.
4. Mark items to be removed in the data grid.
5. Validate by clicking the checkmark icon.
6. Click *Save*.

Fields

Field	Description
<i>Code</i>	The name of the shift calendar.
<i>Description</i>	Description of the shift code.
<i>Start Date</i>	The effective start date. Allows restrictions so that earlier time can't be entered.
<i>End Date</i>	The effective end date. Allows restrictions so that later time can't be entered.
<i>Days</i>	<p>Number of days in a shift's work cycle. The number of days added here will determine how many days will default on the timesheet for the employee.</p> <ul style="list-style-type: none">• Includes the non-working days as well as the working days.• This would be seven for a typical weekly schedule that has five work days and two weekend days.
<i>Day Off</i>	<p>Defines whether this day in the cycle is normally a day off (meaning not paid, time not to be recorded).</p> <ul style="list-style-type: none">• A normal day off will be identified with a red title (e.g. Mon 29) on the Time Entry screen.• If an employee does work and needs to record time for one of these days, it can be entered on the Time Entry screen.
<i>Comments</i>	Comments concerning the shift.

<i>Pay Type</i>	<p>Mandatory. The time entry earning code.</p> <ul style="list-style-type: none"> • This becomes the default earning code on the time entry screen for this day in the cycle. • If employees on this shift typically record their time to multiple earning codes, then multiples can be defined here, including shift premiums.
<i>Posting Code</i>	Optional. This becomes the default posting code on the Time Entry screen for this day in the cycle.
<i>Posting Code Description</i>	A read-only field that automatically populates based on the distribution code, work order, or job code that is entered in the <i>Posting Code</i> field.
<i>Assignment Code</i>	<p>Optional. Identifies the type of employee, their replacement eligibility, and their pay rate.</p> <ul style="list-style-type: none"> • If time should be recorded against an employee's secondary HR assignment, this can be defaulted here. • Typically, this field is only useful if the shift code is being defined for use by a single employee.
<i>Hours</i>	Hours for the pay types entered onto the shift. This becomes the default on the Time Entry screen.
<i>Start Time</i>	Optional. Start time of the shift. Allows the default time entries to be used to define a schedule for the day.
<i>End Time</i>	Optional. End time of the shift. Allows the default time entries to be used to define a schedule for the day.
<i>FTE Category</i>	Optional drop-down used for FTE calculation. Absence Entry and other processes interpret the times an employee has worked or absent as an FTE representation
<i>Working</i>	A checkbox that indicates whether it is a working day. This allows a full daily schedule to be defined that includes breaks.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.

<i>Checkmark</i>	Validate changes.
<i>Add</i>	Create a new shift code, day, posting code, or pay type.
<i>Remove</i>	Remove a day from a cycle or remove a posting code or pay type from a day.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.
<i>Copy</i>	Duplicate a shift code or day.
<i>Delete</i>	Delete a shift code.

Timekeeper Maintenance

Timekeeper Maintenance defines timekeeper access to determine if a user is restricted to only entering their own time, time for the rest of their unit/subunit, or combinations thereof. Users can have multiple timekeeper records if they have the ability to access timesheets across multiple units. For example, a user can only enter their own time for unit 1000 but can enter all the time for unit 2000.

Navigation

Navigate to *Main Menu > Settings > Timekeeper Maintenance*.

Usage

View List of Timekeepers

To view a list of timekeepers within a specific group, click on an item that has a dropdown arrow next to it on the left panel. The list of timekeepers within the group displays.

Search Timekeeper

1. Click the magnifying glass icon.
2. Enter part of the desired user ID or user name.
3. Select the desired timekeeper from the displayed list to see the timekeeper details.

Add Timekeeper

1. Click *Add (+)* from the list on the left side.
2. Fill in the required fields:
 - *User ID*
 - *Starting Date*
 - *Ending Date*
3. Under *Permission*, mark the permission type.

4. Fill in the fields under *Subject*. Depending on the permission type selected, the required fields will be one or more of the following:
 - *Unit*
 - *Subunit*
 - *Resource ID*
5. Click *Save*.

Edit timekeeper

1. Select a timekeeper from the list on the left or look up a timekeeper.
2. Update any of the following fields:
 - *User ID*
 - *Starting Date*
 - *Ending Date*
3. If necessary, update the *Permission* type.
4. If necessary, update the fields under *Subject*. Depending on the permission type selected, the required fields will be one or more of the following:
 - *Unit*
 - *Subunit*
 - *Resource ID*
5. Click *Save*.

Delete Timekeeper

1. Select a timekeeper from the list on the left or look up a timekeeper.
2. Click the vertical ellipses icon, then click *Copy*.
3. Confirm by clicking *Ok* to delete the timekeeper.

Copy Timekeeper

1. Select a timekeeper from the list on the left or look up a timekeeper.
2. Click the vertical ellipses icon, then click *Copy*.
3. Fill in the *User ID*.
4. Click *Save*.

Fields

Field	Description
<i>User ID</i>	Login user ID associated with the employee.
<i>Starting Date</i>	Start date of the record.
<i>Ending Date</i>	End date of the record.
<i>Subject</i>	This section opens to show required information based on the <i>Permission</i> selection.

<i>Resource ID</i>	Employee ID. While user-definable, many clients choose to use employee names, ID number, or payroll employee number. <ul style="list-style-type: none"> This field is mandatory if the timekeeper security permission is for their own timesheet.
<i>Permission</i>	Defines the security privileges for the user for this unit/sub-unit.
<i>Unit ID</i>	The unit ID.
<i>Subunit ID</i>	The subunit ID.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new timekeeper.
<i>Delete</i>	Delete a timekeeper.
<i>Copy</i>	Copy a timekeeper.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

Unit Maintenance

Unit Maintenance determines which employees belong to a given time entry unit or subunit. This unit is used to control access and time entry inquiries.

Unit Maintenance includes:

- Effective start and end dates.
- The list of valid earning codes that can be used in recording time for this unit/subunit.
- The default shift code for employees in this unit/subunit.
- The default holiday calendar applicable to this unit/subunit.

Navigation

Navigate to *Main Menu > Settings > Unit Maintenance*.

Usage

Resource Override Details

Drill down on the **Resources** tab to access the **Resource Overrides** screen. The **Resource Overrides** screen allows users to maintain override details on one employee at a time. Override details include the *Starting Date* and *Ending Date* fields, as well as the following tabs:

- **Shift Calendar**
- **Calendar**
- **Pay Types**
- **Resource Defaults**
- **Time Banks**

To update override details, click on the appropriate tab and fill in the desired fields or add/remove items. Once complete, click *Save*.

Search for a Unit/Subunit

1. Click the magnifying glass icon.
2. Enter part of the desired unit/subunit ID or unit/subunit name.
3. Select the desired unit/subunit from the displayed list to see the unit/subunit details.

Add a Unit/Subunit

1. On the left side, click the *Add (+)* icon.
2. Fill in the following fields:
 - *Unit*
 - *Subunit*
 - *Week Start*
 - *Description*
 - *Use Clock In/Clock Out*
 - *Comments*
3. Click *Save*.

Delete a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Click the vertical ellipsis icon.
3. Click *Delete*.
4. Confirm by clicking *Ok* to delete the unit/subunit.

Edit a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Update any of the following fields:
 - *Week Start*
 - *Description*
 - *Use Clock In/Clock Out*
 - *Comments*

3. Click *Save*.

Add a Resource to a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Resources** tab.
3. Click *Add*.
4. Fill in the following fields:
 - *Resources ID*
 - *Resources Number*
 - *Name*
 - *Initial*
 - *User ID*
 - *Type*
 - *Start Date*
 - *End Date*
 - *Comments*
5. Click *Save*.

Remove a Resource from a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Resources** tab.
3. Click *Remove*.
4. Mark the resources to be removed.
5. Click the checkmark icon to confirm.
6. Click *Save*.

Add a Pay Type to a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Pay Types** tab.
3. Click *Add*.
4. Fill in the following fields:
 - *Pay Types*
 - *Sort Order*
 - *Crew Card Column*
 - *Max Period Hrs*
 - *Min Daily Hrs*
 - *Max Daily Hrs*
5. Click *Save*.

Remove a Pay Type from a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Pay Types** tab.
3. Click *Remove*.
4. Mark the pay types to be removed.
5. Click the checkmark icon to confirm.

6. Click *Save*.

Add a Shift to a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Shift Calendar** tab.
3. Select a shiftcode from the *Shiftcode* drop-down list.
4. Click *Save*.

Make a Custom Shift and Publish to a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Shift Calendar** tab.
3. Click *Make Custom Shift*.
4. On the **Add Unit Specific Shift** form, fill in the following fields:
 - *Start Date*
 - *End Date*
 - *Min Daily Total Hrs*
 - *Max Daily Total Hrs*
5. To add days to the shift cycle, click the *Add* icon.
6. Fill in the following fields:
 - *Day Off*
 - *Comments*
 - *Min Daily Total Hrs*
 - *Max Daily Total Hrs*
7. To add a pay type to a day in the shift cycle, click *Add*.
8. Fill in the following fields:
 - *Pay Type*
 - *Posting Code*
 - *Posting Code Description*
 - *Assignment Code*
 - *Hours*
 - *Start Time*
 - *End Time*
 - *FTE Category*
 - *Working*
9. Click *Save*.
10. Click *Publish Shift*.
11. Fill in the *Code* and *Description* fields on the **Publish Custom Shift** form.
12. Click *Save*.

Remove a Shift from a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Shift Calendar** tab.
3. Click the *Remove (x)* icon next to the shift code.
4. Click *Save*.

Add a Calendar to a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Calendar** tab.
3. Select a *Calendar* from the drop-down list.
4. Click *Save*.

Make a Custom Calendar from a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Calendar** tab.
3. Click *Make Custom Calendar*.
4. On the **Add Unit Custom Calendar** form, fill in the following fields:
 - *Date*
 - *Description*
 - *Abbreviation (Abbr.)*
 - *Pay Type*
 - *Pay Type Long Description*
 - *Posting Code*
 - *Posting Code Description*
 - *Hours*
 - *Start Time*
 - *End Time*
 - *Non-Working*
5. Click *Save*.
6. Click *Publish Calendar*.
7. Fill in the *Code* and *Description* fields on the **Publish Custom Calendar** form.
8. Click *Save*.

Remove a Calendar from a Unit/Subunit

1. Select a unit/subunit from the list on the left or look up a unit/subunit.
2. Navigate to the **Calendar** tab.
3. Click the *Remove (x)* icon next to the calendar.
4. Click *Save*.

Fields

Unit Maintenance Screen

Field	Description
<i>Unit</i>	The highest level of grouping mechanism. This represents the time recording unit the user will be granted access to and employees will belong to.
<i>Subunit</i>	This represents the time recording subunit the user will be granted access to and employees will belong to.

<i>Week Start</i>	Select from the days of the week. The Time Entry screen allows the user to enter seven days' worth of time entries. This parameter determines which day is the first day in the grid. The dropdown list is not user-definable.
<i>Comments</i>	Multiline text.
<i>Use Clock In/ Clock Out</i>	A toggle that indicates whether a unit/subunit requires clocking in/out.

Resources Tab

Field	Description
<i>Resource ID</i>	Employee ID. While user-definable, many clients choose to use employee names, ID number, or payroll employee number.
<i>Resources Number</i>	<p>The resource's payroll employee number. This field is required to create a logical link between the Time Entry and Payroll subsystems. The payroll employee number must exist on the Payroll Employee Master file (PA001M).</p> <p>This is validated against the Cayenta Payroll subsystem and displayed using the formatting rules defined here.</p>
<i>Initial</i>	Resource initials. The maximum length is three characters.
<i>User ID</i>	Login user ID associated with the employee.
<i>Type</i>	<p>Identifies if the employee is a paid employee or someone who needs to track time but is not in the payroll system. For example, sometimes it is necessary to track hours worked by a volunteer or someone working an unpaid term, such as a co-op student.</p> <p>The dropdown list is not user-definable. It typically includes the following options:</p> <ul style="list-style-type: none"> Employee Volunteer Co-op Student Exempt Non-exempt
<i>Start Date</i>	Controls the employee's ability to enter time sheets for a date.

<i>End Date</i>	Controls the employee's ability to enter time sheets for a date.
<i>Comments</i>	Add any necessary comments to this field.

Pay Types Tab

Field	Description
<i>Pay Type</i>	Mandatory. Code for the time entry pay type ID. Codes on this list are the only ones that can be used when an employee in this unit or unit/subunit is entering time records.
<i>Description</i>	Mandatory. The pay type description.
<i>Sort Order</i>	Determines the order that the codes will be displayed in the drop down list box for this field on the Time Entry screen.
<i>PA Earning Code</i>	The payroll earnings code that the time entry earning code translates to when any time records are uploaded into Payroll. There could be multiple time entry codes that become the same payroll code.
<i>Category</i>	<p>Defines the type of pay codes. The category is used to sort and total on various reports in Time Entry. Typical options include:</p> <ul style="list-style-type: none"> REGULAR OVERTIME VACATION SICK HOLIDAY OTHERS PMILES B Miles LEAVE NON-EARNINGS
<i>Min Daily Hours</i>	Determines the minimum number of hours that can be posted for this earning code for one employee for any specific day.

<i>Max Daily Hours</i>	Determines the maximum number of hours that can be posted for this earning code for one employee for any specific day.
<i>Max Period Hrs</i>	Determines the maximum number of period hours that can be posted for this earning code for one employee for a specific period.
<i>Crew Card Column</i>	This is a numeric field that is used to determine the order in which the earning codes on the Crew Time Entry form display.

Shift Calendar Tab

Field	Description
<i>Shiftcode</i>	<p>The default shift code for all employees in the unit or subunit.</p> <ul style="list-style-type: none"> • This field is optional as this can be defined individually for each employee. • The scroll box shows the details defined for the shift code.

Add Unit-Specific Shift Form

Field	Description
<i>Start Date</i>	The effective start date. Allows restrictions so that earlier time can't be entered.
<i>End Date</i>	The effective end date. Allows restrictions so that later time can't be entered.
<i>Days</i>	<p>Number of days in a shift's work cycle. The number of days added here will determine how many days will default on the timesheet for the employee.</p> <ul style="list-style-type: none"> • Includes the non-working days as well as the working days. • This would be seven for a typical weekly schedule that has five work days and two weekend days.
<i>Day Off</i>	<p>Defines whether this day in the cycle is normally a day off (meaning not paid, time not to be recorded).</p> <ul style="list-style-type: none"> • A normal day off will be identified with a red title (e.g. Mon 29) on the Time Entry screen. • If an employee does work and needs to record time for one of these days, it can be entered on the Time Entry screen.
<i>Comments</i>	Comments concerning the shift.

<i>Pay Type</i>	<p>Mandatory. The time entry earning code.</p> <ul style="list-style-type: none"> • This becomes the default earning code on the time entry screen for this day in the cycle. • If employees on this shift typically record their time to multiple earning codes, then multiples can be defined here, including shift premiums.
<i>Posting Code</i>	Optional. This becomes the default posting code on the Time Entry screen for this day in the cycle.
<i>Posting Code Description</i>	A read-only field that automatically populates based on the distribution code, work order, or job code that is entered in the <i>Posting Code</i> field.
<i>Assignment Code</i>	<p>Optional. Identifies the type of employee, their replacement eligibility, and their pay rate.</p> <ul style="list-style-type: none"> • If time should be recorded against an employee's secondary HR assignment, this can be defaulted here. • Typically, this field is only useful if the shift code is being defined for use by a single employee.
<i>Hours</i>	Hours for the pay types entered onto the shift. This becomes the default on the Time Entry screen.
<i>Start Time</i>	Optional. Start time of the shift. Allows the default time entries to be used to define a schedule for the day.
<i>End Time</i>	Optional. End time of the shift. Allows the default time entries to be used to define a schedule for the day.
<i>FTE Category</i>	Optional drop-down used for FTE calculation. Absence Entry and other processes interpret the times an employee has worked or absent as an FTE representation
<i>Working</i>	A checkbox that indicates whether it is a working day. This allows a full daily schedule to be defined that includes breaks.

Calendar Tab

Field	Description
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<i>Calendar</i>	<p>The default calendar (list of statutory holidays or other dates that should override the defaults set up for a shift code) for all employees in the unit or subunit.</p> <ul style="list-style-type: none"> This field is optional as this can be defined individually for each employee. The scroll box shows the dates defined for the calendar.
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Add Unit Custom Calendar Form

Field	Description
<i>Date</i>	Mandatory. Date of the holiday or non-working day being added to the calendar.
<i>Description</i>	Mandatory. This is the description of the calendar date.
<i>Abbreviation</i>	Optional. Abbreviation for the holiday for the calendar date.
<i>Pay Type</i>	This is the time entry earning code. The pay type entered here for the calendar date will be defaulted onto the employee's timesheet when this date comes up in the shift.
<i>Pay Type Long Description</i>	Description of the pay type. This is a read-only field which auto-populates based on the pay type that is chosen.
<i>Posting Code</i>	Optional. This becomes the default posting code on the Time Entry screen when this holiday overrides the standard shift definition.
<i>Posting Code Description</i>	Description of the posting code. This is a read-only field which auto-populates based on the posting code that is chosen.
<i>Hours</i>	Total hours for this date. Typically, the hours entered here are the same as what is defaulted on the shift calendar.
<i>Start Time</i>	Optional. Start time.
<i>End Time</i>	Optional. End time.
<i>Non-Working</i>	A checkbox that indicates whether this is a non-working holiday.

Buttons

Button	Description
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<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new instance/record.
<i>Delete</i>	Delete and instance/record.
<i>Remove</i>	Remove the instance/record from the unit/subunit.
<i>Save</i>	Save the current record to the database.
<i>Checkmark</i>	Confirm selection for removal.
<i>Make Custom Shift</i>	Create a new custom shift.
<i>Publish Shift</i>	Save the shift to the database, then close the form and populate the form with the new shift.
<i>Cancel</i>	Remove the shift code from the unit/subunit.
<i>Make Custom Calendar</i>	Create a new custom calendar.
<i>Publish Calendar</i>	Save the calendar to the database, then populate the form with the new calendar.

Category Maintenance

Category Maintenance maintains a list of categories that have a defined code and description. Currently only **Pay Type Maintenance** uses the *Category* field.

Navigation

Navigate to *Main Menu > Settings > Category Maintenance*.

Usage

Search for a Category

1. Click the magnifying glass icon.
2. Enter part of the desired category code or description.
3. Select the desired category from the displayed list to see the category details.

Add a Category

1. Click the *Add* (+) icon.
2. Fill in the *Code* and *Description* fields.
3. Click *Save*.

Delete a Category

1. Select a category from the list on the left or look up a category.
2. Click the vertical ellipsis icon.
3. Click *Delete*.
4. Confirm by clicking *Ok* to delete the category.

Edit a Category

1. Select a category from the list on the left or look up a category.
2. Update the *Description* field. The *Code* field can't be edited.
3. Click *Save*.

Fields

Field	Description
<i>Code</i>	The unique code that identifies a category. The category code is used in reporting for cities that is mandated by the need to report on the use of funds, controlling reimbursable work, etc. and also for justification on staffing and optimum use of time.
<i>Description</i>	The description of the category. This can be used to search for a category.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new category.
<i>Delete</i>	Delete a category.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

Function Maintenance

Function Maintenance maintains a list of functions that have a defined code and description. The function code is utilized in city reporting for fund usage, reimbursable work control, staffing justification, and time optimization.

Navigation

Navigate to *Main Menu > Settings > Function Maintenance*.

Usage

Search for a Function

1. Click the magnifying glass icon.
2. Enter part of the desired function code or description.
3. Select the desired function from the displayed list to see the function details.

Add a Function

1. Click the *Add (+)* icon.
2. Fill in the *Code* and *Description* fields.
3. Click *Save*.

Delete a Function

1. Select a function from the list on the left or look up a function.
2. Click the vertical ellipsis icon.
3. Click *Delete*.
4. Confirm by clicking *Ok*.

Edit a Function

1. Select a function from the list on the left or look up a function.
2. Update the *Description* field. The *Code* field can't be edited.
3. Click *Save*.

Fields

Field	Description
<i>Function Code</i>	The unique code that identifies a function.
<i>Description</i>	The function description. This can be used to search for a function.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new function.
<i>Delete</i>	Delete a function.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

GL Code Maintenance

GL Code Maintenance maintains the GL code security that allows users to define a list of distribution codes/jobs/work orders that are available for a specified occupation code and department. This page also allows users to restrict available posting codes for a resource in Time Entry.

Navigation

Navigate to *Main Menu > Settings > GL Code Maintenance*.

Usage

Search for a GL Code

1. Click the magnifying glass icon.
2. Enter part of the desired location code or occupation code.
3. Select the desired GL code from the displayed list to see the GL code details.

Add a GL Code

1. Click the *Add (+)* icon.
2. Fill in the *Occupation Code* and *Location Code* fields.
3. Click *Save*.

Delete a GL Code

1. Select a GL code from the list on the left or look up a GL code.
2. Click *Delete*.
3. Confirm by clicking *Ok* to delete the GL code.

Edit a GL Code

1. Select a GL code from the list on the left or look up a GL code.

2. Update the *Location Code* field. The *Occupation Code* can't be edited.
3. Click *Save*.

Copy a GL Code

1. Select a GL code from the list on the left or look up a GL code.
2. Click *Copy*.
3. Fill in the *Occupation Code*.
4. Click *Save*.

Add a Posting Code to a GL Code

1. Select a GL code from the list on the left or look up a GL code.
2. Click *Add*.
3. Fill in the *Posting Code (Distribution Code/Work Order/Job)* and *Posting Code Description* fields.
4. Click *Save*.

Remove a Posting Code from a GL Code

1. Select a GL code from the list on the left or look up a GL code.
2. Click *Remove*.
3. Mark items in the data grid and validate by clicking the checkmark icon.
4. Click *Save*.

Fields

Field	Description
<i>Occupation Code</i>	The occupation code is a four-digit number which relates to an assignment in Payroll. It is also a unique identifier key to use while searching for a GL code.
<i>Location Code</i>	The location code can refer to a department.
<i>Posting Code</i>	The GL account code/DAC.
<i>Posting Code Description</i>	The posting code description.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.

<i>Add</i>	Create a new GL code or posting code.
<i>Delete</i>	Delete a GL code.
<i>Remove</i>	Remove a posting code from a GL code.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

Sub Category Maintenance

Sub Category Maintenance maintains a list of sub-categories that have a defined code and description. Sub-categories are used in city reporting to comply with fund usage, reimbursable work control, staffing justification, and time optimization.

Navigation

Navigate to *Main Menu > Settings > Sub Category Maintenance*.

Usage

Search for a Sub-Category

1. Click the magnifying glass icon.
2. Enter part of the desired sub-category or description.
3. Select the desired sub-category from the displayed list to see the sub-category details.

Add a Sub-Category

1. Click the *Add (+)* icon.
2. Fill in the *Code* and *Description* fields.
3. Click *Save*.

Delete a Sub-Category

1. Select a sub-category from the list on the left or look up a sub-category.
2. Click *Delete*.
3. Confirm to delete the sub-category.

Edit a Sub-Category

1. Select a sub-category from the list on the left or look up a sub-category.
2. Update the *Description* field. The *Code* can't be edited.
3. Click *Save*.

Fields

Field	Description
<i>Code</i>	The unique code that identifies a sub-category.
<i>Description</i>	The sub-category description.

Buttons

Button	Description
<i>Magnifying Glass</i>	Look up a value for the nearby field.
<i>Add</i>	Create a new sub-category.
<i>Delete</i>	Delete a sub-category.
<i>Save</i>	Save the current record to the database, then close the form and (if applicable) populate the form with the selected value.

API

The Cayenta Application Programming Interface (API) allows external systems to access Cayenta application functionality and data through a supported and secure mechanism. By integrating with Cayenta applications via the API, external systems ensure that they follow the business rules established within the Cayenta system. Using the API also insulates external systems from changes within Cayenta applications, ensuring that subsequent versions of Cayenta applications may be implemented without requiring extensive reintegration effort.

The basic communication flow is as follows:

1. Request Message: An external application sends a request message through an HTTPS POST to a Cayenta API process.
2. Cayenta API Request: The Cayenta API receives the request message and initiates the appropriate Cayenta API function to process the request.
3. Cayenta API Reply: Upon completion the Cayenta API function returns its reply to the Cayenta API.
4. Reply Message: The Cayenta API sends the reply message back to the originating external application.

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 - FindTimeEntryEmployees
 - FindUnit
 - FindUnitDescription
 - FindUnitSubUnit
 - GetCalendarsForSchedPeriod
 - GetShifts
 - GetUnitPayTypes
 - GetUnitResources
 - GetUnitSubUnit
 - SetMLAForUnitSubUnit

- [SetUnitMaintenance](#)
- [SetUnitPayTypes](#)
- [SetUnitResource](#)
- [SetUnitSubUnit](#)

List of Functions

Below is a list of all Cayenta Connect Time Entry API functions.

Index: [A](#) | [D](#) | [F](#) | [G](#) | [P](#) | [S](#)

API A AddUnitPayType AddUnitResource AddUnitSubUnit API D DeleteAllHolidaysForSpecificSchedPeriod DeleteAllShiftsForSchedulePeriod DeleteCategory DeleteEmployee DeleteEmployeeMembership DeleteFunction DeleteHolidayCalendar DeletePayType DeleteResources DeleteShiftForAllSchedPeriods DeleteSubCategory DeleteTimeEntryEmployee DeleteTimeKeeper DeleteUnitPayTypes DeleteUnitSubUnit API F FindActivePayTypes FindCrewResources FindEmployeeAssignmentCodes FindEmployeeDefaults FindEmployeeGLCodes FindEquipmentNumber FindEmployeePayTypes FindEmployeeRequirements FindEmployeeUnitSubUnit FindOccupationLocations FindOccupationCodes	API G GetAllowableOccupationCodes GetAssignmentReplacements GetCalendarsForSchedPeriod GetDaysInCycle GetDeclineReasons GetEmployeePlannedLeave GetHolidays GetMLATransactions GetMobilePreferences GetMobileUserProfile GetPayType GetPayTypeGroups GetPayTypeReasons GetPayTypesByDay GetPlannedLeaveForApproval GetReplacementsRequests GetReplacementsRequired GetReplacementTimeIntervals GetSchedulePeriods GetShifts GetSpecificCalendars GetSpecificShifts GetStatutoryHolidays GetTimeCard GetTimecardShiftDetails GetTimeEntryComments GetTimeEntryEmployee GetTimeEntryEmployee OLD GetTimeEntryforApproval GetTimeEntryResorcesByCrew GetTimeEntryShiftDetails GetTimeIntervals	API S SetAcceptedReplacement SetAssignmentCodeMaintenance SetCategoryMaintenance SetCrewEntry SetCrewEntryForApproval SetDeclineReason SetEmployeeDefaultMaintenance SetEmployeeMaintenance SetEmployeeOverride SetFunctionMaintenance SetGLCodeMaintenance SetHolidayMaintenance SetLeaveEntryMaintenance SetMLAForUnitSubUnit SetPayTypeMaintenance SetPlannedLeaveForApproval SetSchedulePeriodMaintenance SetShiftMaintenance SetSubCategoryMaintenance SetTimeCardMaintenance SetTimeEntryEmployee SetTimeEntryForApproval SetTimeEntryForProcess SetTimeEntryPending SetTimeKeeperMaintenance SetUnitMaintenance SetUnitPayTypes SetUnitResource SetUnitSpecificCalendar SetUnitSpecificShift
--	--	--

FindPLPayTypes	GetTimekeeperPermission	SetUnitSubUnit
FindResources	GetTimekeptCrews	SubmitTimeCard
FindTEPayTypes	GetUnitPayTypes	
FindTimeBankOverrides	GetUnitResources	
FindTimeEntryEmployees	GetUnitSubUnit	
FindTimekeepers	API P	
FindTimekeeperPermission	PublishSpecificCalendar	
FindUnit	PublishSpecificShift	
FindUnitDescription		
FindUnitSubUnit		

Assignment Code APIs

- [GetAllowableOccupationCodes](#)
- [GetAssignmentReplacements](#)
- [SetAssignmentCodeMaintenance](#)

GetAllowableOccupationCodes

Description

The GetAllowableOccupationCodes API retrieves all Allowable Occupation Codes allocated on one Assignment Code.

Request

```
<Request>
  <GetAllowableOccupationCodes>
    <Params>
      <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
    </Params>
  </GetAllowableOccupationCodes>
</Request>
```

Reply

Success

```
<GetAllowableOccupationCodes>
  <Params>
    <STATUS>0</STATUS>
```

```

<ROW>
  <OCCUPATION_CODE>1010</OCCUPATION_CODE>
  <MIN_REPLACEMENT_DAYS>3</MIN_REPLACEMENT_DAYS>
  <MIN_REPLACEMENT_HOURS>1</MIN_REPLACEMENT_HOURS>
  <SEQ_NO>26528</SEQ_NO>
  <MAXREPLACEMENTDAYS>4</MAXREPLACEMENTDAYS>
  <PAY_STEP>01</PAY_STEP>
  <MAX_REPLACEMENT_HOURS>2</MAX_REPLACEMENT_HOURS>
  <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
  <REPLACEMENT_OVERRIDE_YN>T</REPLACEMENT_OVERRIDE_YN>
  <SPECIAL_POSITION>SPACE</SPECIAL_POSITION>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<STATUS_DESC>One record found</STATUS_DESC>
</Params>
</GetAllowableOccupationCodes>

```

Error

```

<Reply>
  <GetAllowableOccupationCodes>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>No record found</STATUS_DESC>
    </Params>
    <STATUS>0</STATUS>
  </GetAllowableOccupationCodes>
</Reply>

```

GetAssignmentReplacements

Description

The GetAssignmentReplacement API is used in order to retrieve all Substitute Assignment Codes allocated to an Assignment Code.

Request

```

<Request>
  <GetAssignmentReplacements>
    <Params>
      <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
    </Params>
  </GetAssignmentReplacements>
</Request>

```

Reply

Success

```
<Reply>
  <GetAssignmentReplacements>
    <Params>
      <ROW>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <SEQ_NO>45369</SEQ_NO>
        <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
        <SUBSTITUTE_ASSIGNMENT_CD>AGMNT</SUBSTITUTE_ASSIGNMENT_CD>
        <DESCRIPTION>Assignment code</DESCRIPTION>
      </ROW>
      <STATUS>0</STATUS>
      <STATUS_DESC>One record found!</STATUS_DESC>
    </Params>
    <STATUS>0</STATUS>
  </GetAssignmentReplacements>
</Reply>
```

Error

```
<Reply>
  <GetAssignmentReplacements>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>No record found!</STATUS_DESC>
    </Params>
    <STATUS>0</STATUS>
  </GetAssignmentReplacements>
</Reply>
```

SetAssignmentCodeMaintenance

Description

The SetAssignmentCodeMaintenance API is used in order to manage all operations of Save, Update and Delete for the Assignment Code Maintenance screen. The following example is a request used to add a new Assignment Code, a new Allowable Occupation Code, and a new Substitute Assignment Code/Replacement.

Request

```
<Request>
  <SetAssignmentCodeMaintenance>
```

```

<Params>
  <ASSIGNMENTCODEMAINTENANCE>
    <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
    <DESCRIPTION>Paul Test Description</DESCRIPTION>
    <ROWSTATE>ADD</ROWSTATE>
  </ASSIGNMENTCODEMAINTENANCE>
  <ALLOWABLEOCCUPATIONCODES>
    <ROWSTATE>ADD</ROWSTATE>
    <REPLACEMENT_OVERRIDE_YN>T</REPLACEMENT_OVERRIDE_YN>
    <OCCUPATION_CODE>1010</OCCUPATION_CODE>
    <ALLOWABLE_OCCUPATION_CODE>01</ALLOWABLE_OCCUPATION_CODE>
    <SPECIAL_POSITION>SPACE</SPECIAL_POSITION>
    <PAY_STEP>01</PAY_STEP>
    <MIN_REPLACEMENT_HOURS>1</MIN_REPLACEMENT_HOURS>
    <MAX_REPLACEMENT_HOURS>2</MAX_REPLACEMENT_HOURS>
    <MIN_REPLACEMENT_DAYS>3</MIN_REPLACEMENT_DAYS>
    <MAXREPLACEMENTDAYS>4</MAXREPLACEMENTDAYS>
  </ALLOWABLEOCCUPATIONCODES>
  <REPLACEMENTS>
    <SUBSTITUTE_ASSIGNMENT_CD>AGMNT</SUBSTITUTE_ASSIGNMENT_CD>
    <ROWSTATE>ADD</ROWSTATE>
    <DESCRIPTION>Assignment code</DESCRIPTION>
  </REPLACEMENTS>
</Params>
</SetAssignmentCodeMaintenance>
</Request>

```

Response

Success

```

<Reply>
  <SetAssignmentCodeMaintenance>
    <Params>
      <ALLOWABLEOCCUPATIONCODES>
        <MIN_REPLACEMENT_DAYS>3</MIN_REPLACEMENT_DAYS>
        <MAXREPLACEMENTDAYS>4</MAXREPLACEMENTDAYS>
        <ALLOWABLE_OCCUPATION_CODE>01</ALLOWABLE_OCCUPATION_CODE>
        <MAX_REPLACEMENT_HOURS>2</MAX_REPLACEMENT_HOURS>
        <ASSIGNMENT_CD />
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <OCCUPATION_CODE>1010</OCCUPATION_CODE>
        <MIN_REPLACEMENT_HOURS>1</MIN_REPLACEMENT_HOURS>
        <SEQ_NO>26517</SEQ_NO>
        <PAY_STEP>01</PAY_STEP>
        <REPLACEMENT_OVERRIDE_YN>T</REPLACEMENT_OVERRIDE_YN>
        <SPECIAL_POSITION>SPACE</SPECIAL_POSITION>
      </ALLOWABLEOCCUPATIONCODES>
      <REPLACEMENTS>
        <SUBSTITUTE_ASSIGNMENT_CD>AGMNT</SUBSTITUTE_ASSIGNMENT_CD>

```

```

    <DESCRIPTION>Assignment code</DESCRIPTION>
    <SEQ_NO>45366</SEQ_NO>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </REPLACEMENTS>
  <STATUS_DESC>Save done</STATUS_DESC>
  <ASSIGNMENTCODEMAINTENANCE>
    <DESCRIPTION>Paul Test Description</DESCRIPTION>
    <SEQ_NO>26516</SEQ_NO>
    <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ASSIGNMENTCODEMAINTENANCE>
</Params>
</SetAssignmentCodeMaintenance>
</Reply>

```

Error(s)

```

<Reply>
  <SetAssignmentCodeMaintenance>
    <Params>
      <ASSIGNMENTCODEMAINTENANCE>
        <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
        <DESCRIPTION>Paul Test Description</DESCRIPTION>
        <ROWSTATE>ADD</ROWSTATE>
        <SEQ_NO />
        <ERRORS>
          <ERROR_FIELD>ASSIGNMENT_CD</ERROR_FIELD>
          <ERROR_MESSAGE>Assignment Code exist. Must be unique!</ERROR_MESSAGE>
        </ERRORS>
      </ASSIGNMENTCODEMAINTENANCE>
      <ALLOWABLEOCCUPATIONCODES>
        <ROWSTATE>ADD</ROWSTATE>
        <REPLACEMENT_OVERRIDE_YN>T</REPLACEMENT_OVERRIDE_YN>
        <OCCUPATION_CODE>1010</OCCUPATION_CODE>
        <ALLOWABLE_OCCUPATION_CODE>01</ALLOWABLE_OCCUPATION_CODE>
        <SPECIAL_POSITION>SPACE</SPECIAL_POSITION>
        <PAY_STEP>01</PAY_STEP>
        <MIN_REPLACEMENT_HOURS>1</MIN_REPLACEMENT_HOURS>
        <MAX_REPLACEMENT_HOURS>2</MAX_REPLACEMENT_HOURS>
        <MIN_REPLACEMENT_DAYS>3</MIN_REPLACEMENT_DAYS>
        <MAXREPLACEMENTDAYS>4</MAXREPLACEMENTDAYS>
      </ALLOWABLEOCCUPATIONCODES>
      <REPLACEMENTS>
        <ROWSTATE>ADD</ROWSTATE>
        <SUBSTITUTE_ASSIGNMENT_CD>AGMNT</SUBSTITUTE_ASSIGNMENT_CD>
        <DESCRIPTION>Assignment code</DESCRIPTION>
      </REPLACEMENTS>
      <STATUS>-1</STATUS>
      <STATUS_DESC>Save failed</STATUS_DESC>
    </Params>
  </SetAssignmentCodeMaintenance>
</Reply>

```

```

    </SetAssignmentCodeMaintenance>
</Reply>

```

```

<Request>
  <SetAssignmentCodeMaintenance>
    <Params>
      <ASSIGNMENTCODEMAINTENANCE>
        <ASSIGNMENT_CD>PAUL</ASSIGNMENT_CD>
        <DESCRIPTION>Paul Test Description</DESCRIPTION>
        <ROWSTATE>ADD</ROWSTATE>
      </ASSIGNMENTCODEMAINTENANCE>
      <ALLOWABLEOCCUPATIONCODES>
        <ROWSTATE>ADD</ROWSTATE>
        <REPLACEMENT_OVERRIDE_YN>T</REPLACEMENT_OVERRIDE_YN>
        <OCCUPATION_CODE>1010</OCCUPATION_CODE>
        <ALLOWABLE_OCCUPATION_CODE>01</ALLOWABLE_OCCUPATION_CODE>
        <SPECIAL_POSITION>SPACE</SPECIAL_POSITION>
        <PAY_STEP>01</PAY_STEP>
        <MIN_REPLACEMENT_HOURS>1</MIN_REPLACEMENT_HOURS>
        <MAX_REPLACEMENT_HOURS>2</MAX_REPLACEMENT_HOURS>
        <MIN_REPLACEMENT_DAYS>3</MIN_REPLACEMENT_DAYS>
        <MAXREPLACEMENTDAYS>4</MAXREPLACEMENTDAYS>
      </ALLOWABLEOCCUPATIONCODES>
      <REPLACEMENTS>
        <SUBSTITUTE_ASSIGNMENT_CD>AGMNT</SUBSTITUTE_ASSIGNMENT_CD>
        <ROWSTATE>ADD</ROWSTATE>
        <DESCRIPTION>Assignment code</DESCRIPTION>
      </REPLACEMENTS>
    </Params>
  </SetAssignmentCodeMaintenance>
</Request>

```

Category APIs

- [DeleteCategory](#)
- [SetCategoryMaintenance](#)

DeleteCategory

The DeleteCategory API is used to delete a record from the Category Maintenance screen.

Request

```

<Request>
  <DeleteCategory>
    <Params>
      <CATEGORY_CD></CATEGORY_CD>

```

```
</Params>
</DeleteCategory>
</Request>
```

Reply

Success Reply

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error Reply

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetCategoryMaintenance

The SetCategoryMaintenance API is used to add or update the Category.

Request

```
<Request>
  <SetCategoryMaintenance>
    <Params>
      <ROWSTATE>ADD</ROWSTATE>
      <CATEGORY_CD>1234</CATEGORY_CD>
      <DESCRIPTION>test</DESCRIPTION>
    </Params>
  </SetCategoryMaintenance>
</Request>
```

Reply

Success

```
<Params>
  <ROWSTATE>ADD</ROWSTATE>
  <CATEGORY_CD>1212</CATEGORY_CD>
  <DESCRIPTION>test</DESCRIPTION>
```



```

    <STATUS>0</STATUS>
    <STATUS_DESC>Save done</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <ROWSTATE>ADD</ROWSTATE>
  <CATEGORY_CD>1212</CATEGORY_CD>
  <DESCRIPTION>test</DESCRIPTION>
  <ERRORS>
    <ERROR_FIELD>CATEGORY_CD</ERROR_FIELD>
    <ERROR_MESSAGE>Category already exist. Must be unique!</ERROR_MESSAGE>
  </ERRORS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

Crew Entry APIs

- [FindCrewResources](#)
- [GetTimeEntryResourcesByCrew](#)
- [GetTimekeptCrews](#)
- [SetCrewEntry](#)
- [SetCrewEntryForApproval](#)

FindCrewResources

The FindCrewResources API is used to retrieve all resources for a Unit in the Crew Entry screen.

Request

```

<Request>
  <FindCrewResources>
    <Params>
      <EMPLOYEE_ID></EMPLOYEE_ID>
      <ASOFDATE>20181107</ASOFDATE>
      <UNIT_ID>6000</UNIT_ID>
      <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </FindCrewResources>
</Request>

```

Reply

Success

```
<Reply>
  <pid>17572</pid>
  <transNo>32</transNo>
  <FindCrewResources>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600002</EMPLOYEE_ID>
        <EMPLOYEE_NAME>GREGORY, BETHANY Q.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600009</EMPLOYEE_ID>
        <EMPLOYEE_NAME>HARDY, MIRIAM L.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600007</EMPLOYEE_ID>
        <EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600008</EMPLOYEE_ID>
        <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600004</EMPLOYEE_ID>
        <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600000</EMPLOYEE_ID>
        <EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600006</EMPLOYEE_ID>
        <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600005</EMPLOYEE_ID>
        <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
      </ROW>
    </Params>
  </FindCrewResources>
</Reply>
```

```

    <ROW>
      <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
      <EMPLOYEE_ID>600001</EMPLOYEE_ID>
      <EMPLOYEE_NAME>SNIDER, ADRIA O.</EMPLOYEE_NAME>
    </ROW>
    <ROW>
      <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
      <EMPLOYEE_ID>600003</EMPLOYEE_ID>
      <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
    </ROW>
    <STATUS_DESC>Multiple records found</STATUS_DESC>
  </Params>
  <version>1</version>
</FindCrewResources>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetTimeEntryResorcesByCrew

The GetTimeEntryResorcesByCrew API is used to retrieve all time entry for a unit in the Crew Entry screen.

Request

```

<Request>
  <GetTimeEntryResorcesByCrew>
    <Params>
      <AS_OF_DATE>20181107</AS_OF_DATE>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
    </Params>
  </GetTimeEntryResorcesByCrew>
</Request>

```

Reply

Success

```

<Reply>
  <pid>17572</pid>
  <transNo>29</transNo>

```

```

<GetTimeEntryResorcesByCrew>
  <STATUS>0</STATUS>
  <Params>
    <RESOURCES>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600003</EMPLOYEE_ID>
        <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
      </EMPLOYEE>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600007</EMPLOYEE_ID>
        <EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
      </EMPLOYEE>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600006</EMPLOYEE_ID>
        <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
      </EMPLOYEE>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600004</EMPLOYEE_ID>
        <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
      </EMPLOYEE>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600005</EMPLOYEE_ID>
        <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
      </EMPLOYEE>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600008</EMPLOYEE_ID>
        <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
      </EMPLOYEE>
      <EMPLOYEE>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600000</EMPLOYEE_ID>
        <EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
      </EMPLOYEE>
    </RESOURCES>
    <STATUS>0</STATUS>
    <DEFINED_PAYTYPES>
      <PAYTYPE>101WORK</PAYTYPE>
    </DEFINED_PAYTYPES>
    <STATUS_DESC>No Records Found</STATUS_DESC>
    <INACTIVE_PAYTYPES />
  </Params>
  <version>1</version>
</GetTimeEntryResorcesByCrew>
</Reply>

```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetTimekeptCrews

The GetTimekeptCrews API is used to retrieve all sub-units for a unit in the Crew Entry screen.

Request

```
<Request>
  <GetTimekeptCrews>
    <Params>
      <SUBUNIT_ID></SUBUNIT_ID>
    </Params>
  </GetTimekeptCrews>
</Request>
```

* OBS: SUBUNIT_ID is optional and is used for search.

Reply

Success

```
<Params>
  <ROW>
    <UNIT_ID>U0vidiu</UNIT_ID>
    <SUBUNIT_ID>02</SUBUNIT_ID>
    <SEQ_NO>44188</SEQ_NO>
    <DESCRIPTION />
    <PERIOD>
      <START_DATE>20170101</START_DATE>
      <EXPIRE_DATE>99991231</EXPIRE_DATE>
    </PERIOD>
  </ROW>
  <ROW>
    <UNIT_ID>SCHOOL1</UNIT_ID>
    <SUBUNIT_ID>1</SUBUNIT_ID>
    <SEQ_NO>25355</SEQ_NO>
    <DESCRIPTION>Pine Tree Elementary</DESCRIPTION>
    <PERIOD>
      <START_DATE>20170503</START_DATE>
      <EXPIRE_DATE>20170504</EXPIRE_DATE>
    </PERIOD>
  </ROW>
</Params>
```

```

</ROW>
<ROW>
  <UNIT_ID>1119</UNIT_ID>
  <SUBUNIT_ID>1118</SUBUNIT_ID>
  <SEQ_NO>41027</SEQ_NO>
  <DESCRIPTION />
  <PERIOD>
    <START_DATE>20170718</START_DATE>
    <EXPIRE_DATE>99991231</EXPIRE_DATE>
  </PERIOD>
</ROW>
<ROW>
  <UNIT_ID>SCHOOL1</UNIT_ID>
  <SUBUNIT_ID>2</SUBUNIT_ID>
  <SEQ_NO>27114</SEQ_NO>
  <DESCRIPTION>Prince George Secondary</DESCRIPTION>
  <PERIOD>
    <START_DATE>20170503</START_DATE>
    <EXPIRE_DATE>20170504</EXPIRE_DATE>
  </PERIOD>
</ROW>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetCrewEntry

The SetCrewEntry API is used to save all resources for a unit in the Crew Entry screen.

Request

```

<Request>
  <SetCrewEntry>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <ASOFDATE>20181107</ASOFDATE>
      <CHARGE_CODE>
        <CHARGE_CODE_DESC />
        <CHARGE_CODE_NAME>UNALLOCATED</CHARGE_CODE_NAME>
        <CHARGE_CODE_TYPE>Unallocated job</CHARGE_CODE_TYPE>
        <DEFINED_PAYTYPES />
        <ROWSTATE>UPDATE</ROWSTATE>
        <renderView>>false</renderView>
      </CHARGE_CODE>
    </Params>
  </SetCrewEntry>
</Request>

```

```

<isAddingEvent>>false</isAddingEvent>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600003</EMPLOYEE_ID>
  <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
  <rid>07b3063b-54dd-03cf-793d-df7dfbe85ccb</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600007</EMPLOYEE_ID>
  <EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
  <rid>754f1c08-2060-fca1-d50e-43c29425a0b8</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <rid>beda9291-5877-1723-166f-f986828af07a</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600004</EMPLOYEE_ID>
  <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
  <rid>fc5b117a-f840-8fae-e4e7-6093b6620d5e</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600005</EMPLOYEE_ID>
  <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
  <rid>c8781b47-8c5d-f75b-38fa-a24d01a64e3e</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
</ROW>
<ROW>

```

```

    <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
    <EMPLOYEE_ID>600008</EMPLOYEE_ID>
    <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
    <rid>9ce8d0b0-23c7-32cc-61d4-918f252beeb0</rid>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
    <PAYTYPES />
  </ROW>
  <ROW>
    <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
    <EMPLOYEE_ID>600000</EMPLOYEE_ID>
    <EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
    <rid>5cdc9434-b2c0-390d-0c77-c3bb5c7d5785</rid>
    <total>8</total>
    <ROWSTATE>UPDATE</ROWSTATE>
    <USER_COMMENTS>aa</USER_COMMENTS>
    <PAYTYPES>
      <PAYTYPE>
        <NAME>101WORK</NAME>
        <STATUS>A</STATUS>
        <HOURS>8</HOURS>
      </PAYTYPE>
    </PAYTYPES>
  </ROW>
</CHARGE_CODE>
</Params>
</SetCrewEntry>
</Request>

```

Reply

Success

```

<Reply>
  <SetCrewEntry>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <viewId>crewEntryPage</viewId>
      <modelId>crewEntryAccordionsModel</modelId>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <ASOFDATE>20181107</ASOFDATE>
      <CHARGE_CODE>
        <CHARGE_CODE_NAME>UNALLOCATED</CHARGE_CODE_NAME>
        <CHARGE_CODE_TYPE>Unallocated job</CHARGE_CODE_TYPE>
        <CHARGE_CODE_DESC />
        <renderView>false</renderView>
        <isAddingEvent>false</isAddingEvent>
      </CHARGE_CODE>
    </Params>
  </SetCrewEntry>
</Reply>

```



```

<DEFINED_PAYTYPES />
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600003</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
  <rid>07b3063b-54dd-03cf-793d-df7dfbe85ccb</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600007</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
  <rid>754f1c08-2060-fca1-d50e-43c29425a0b8</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <rid>beda9291-5877-1723-166f-f986828af07a</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600004</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
  <rid>fc5b117a-f840-8fae-e4e7-6093b6620d5e</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600005</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />

```

```

    <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
    <rid>c8781b47-8c5d-f75b-38fa-a24d01a64e3e</rid>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <ROW>
    <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
    <EMPLOYEE_ID>6000008</EMPLOYEE_ID>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
    <PAYTYPES />
    <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
    <rid>9ce8d0b0-23c7-32cc-61d4-918f252beeb0</rid>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <ROW>
    <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
    <total>8</total>
    <EMPLOYEE_ID>6000000</EMPLOYEE_ID>
    <PAYTYPES>
      <PAYTYPE>
        <STATUS>A</STATUS>
        <HOURS>8</HOURS>
        <SEQ_NO>72823</SEQ_NO>
        <ROWSTATE>ADD</ROWSTATE>
        <NAME>101WORK</NAME>
      </PAYTYPE>
    </PAYTYPES>
    <EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
    <rid>5cdc9434-b2c0-390d-0c77-c3bb5c7d5785</rid>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <USER_COMMENTS>aa</USER_COMMENTS>
  </ROW>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</CHARGE_CODE>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetCrewEntry>
<pid>17572</pid>
<transNo>34</transNo>
</Reply>

```

Error

```

<Reply>
  <SetCrewEntry>
    <Params>
      <STATUS>-1</STATUS>
      <STATUS_DESC>Invalid ASOFDATE Date. 2017091. YYYYMMDD Format Required.</
STATUS_DESC>

```

```

    </Params>
  </SetCrewEntry>
</Reply>

```

*Observations

1. STATUS = 0 means SUCCESS, STATUS < 0 means ERROR
2. Mandatory Parameters: CHARGE_CODE, UNIT_ID, SUBUNIT_ID, ASOFDATE
3. ROWSTATE can take 4 values, depending on the operation : ADD, UPDATE, DELETE, UNMODIFIED

SetCrewEntryForApproval

The SetCrewEntryForApproval API is used for approval of a unit in the Crew Entry screen.

Request

```

<Request>
  <SetCrewEntryForApproval>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <ASOFDATE>20181107</ASOFDATE>
      <CHARGE_CODE>
        <CHARGE_CODE_DESC />
        <CHARGE_CODE_NAME>UNALLOCATED</CHARGE_CODE_NAME>
        <CHARGE_CODE_TYPE>Unallocated job</CHARGE_CODE_TYPE>
        <DEFINED_PAYTYPES />
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <renderView>true</renderView>
        <isAddingEvent>false</isAddingEvent>
      <ROW>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600003</EMPLOYEE_ID>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <PAYTYPES />
        <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
        <rid>07b3063b-54dd-03cf-793d-df7dfbe85ccb</rid>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
      </ROW>
      <ROW>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600007</EMPLOYEE_ID>
        <rowConfig>
          <disabledConfig />

```

```

</rowConfig>
<PAYTYPES />
<EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
<rid>754f1c08-2060-fca1-d50e-43c29425a0b8</rid>
<ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <rid>beda9291-5877-1723-166f-f986828af07a</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600004</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
  <rid>fc5b117a-f840-8fae-e4e7-6093b6620d5e</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600005</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
  <rid>c8781b47-8c5d-f75b-38fa-a24d01a64e3e</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600008</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
  <rid>9ce8d0b0-23c7-32cc-61d4-918f252beeb0</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>

```

```

<total>8</total>
<EMPLOYEE_ID>600000</EMPLOYEE_ID>
<PAYTYPES>
  <PAYTYPE>
    <NAME>101WORK</NAME>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>72823</SEQ_NO>
  </PAYTYPE>
</PAYTYPES>
<EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
<rid>5cdc9434-b2c0-390d-0c77-c3bb5c7d5785</rid>
<ROWSTATE>UPDATE</ROWSTATE>
<USER_COMMENTS>aa</USER_COMMENTS>
</ROW>
</CHARGE_CODE>
</Params>
</SetCrewEntryForApproval>
</Request>

```

Reply

Success

```

<Reply>
  <SetCrewEntry>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <viewId>crewEntryPage</viewId>
      <modelId>crewEntryAccordionsModel</modelId>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <ASOFDATE>20181107</ASOFDATE>
      <CHARGE_CODE>
        <CHARGE_CODE_NAME>UNALLOCATED</CHARGE_CODE_NAME>
        <CHARGE_CODE_TYPE>Unallocated job</CHARGE_CODE_TYPE>
        <CHARGE_CODE_DESC />
        <renderView>true</renderView>
        <isAddingEvent>false</isAddingEvent>
        <DEFINED_PAYTYPES />
      </CHARGE_CODE>
      <ROW>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <EMPLOYEE_ID>600003</EMPLOYEE_ID>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <PAYTYPES />
        <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
        <rid>07b3063b-54dd-03cf-793d-df7dfbe85ccb</rid>
      </ROW>
    </Params>
  </SetCrewEntry>
</Reply>

```

```

    <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600007</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
  <rid>754f1c08-2060-fca1-d50e-43c29425a0b8</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <rid>beda9291-5877-1723-166f-f986828af07a</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600004</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
  <rid>fc5b117a-f840-8fae-e4e7-6093b6620d5e</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600005</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <PAYTYPES />
  <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
  <rid>c8781b47-8c5d-f75b-38fa-a24d01a64e3e</rid>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
</ROW>
<ROW>
  <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
  <EMPLOYEE_ID>600008</EMPLOYEE_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>

```

```

        <PAYTYPES />
        <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
        <rid>9ce8d0b0-23c7-32cc-61d4-918f252beeb0</rid>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
    </ROW>
    <ROW>
        <EMPLOYEE_TYPE>Employee</EMPLOYEE_TYPE>
        <total>8</total>
        <EMPLOYEE_ID>600000</EMPLOYEE_ID>
        <PAYTYPES>
            <PAYTYPE>
                <STATUS>A</STATUS>
                <HOURS>8</HOURS>
                <SEQ_NO>72823</SEQ_NO>
                <NAME>101WORK</NAME>
            </PAYTYPE>
        </PAYTYPES>
        <EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
        <rid>5cdc9434-b2c0-390d-0c77-c3bb5c7d5785</rid>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <USER_COMMENTS>aa</USER_COMMENTS>
    </ROW>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
</CHARGE_CODE>
    <STATUS_DESC>Save done</STATUS_DESC>
</Params>
    <version>1</version>
</SetCrewEntry>
<pid>17572</pid>
<transNo>38</transNo>
</Reply>

```

Error

```

<Reply>
    <SetCrewEntryForApproval>
        <Params>
            <STATUS>-1</STATUS>
            <STATUS_DESC>Invalid ASOFDATE Date. 2017091. YYYYMMDD Format Required.</
STATUS_DESC>
        </Params>
    </SetCrewEntryForApproval>
</Reply>

```

*Observations

1. STATUS = 0 means SUCCESS, STATUS < 0 means ERROR
2. Mandatory Parameters: CHARGE_CODE, UNIT_ID, SUBUNIT_ID, ASOFDATE

3. ROWSTATE can take 4 values, depending on the operation : ADD, UPDATE, DELETE, UNMODIFIED

Employee APIs

- [DeleteEmployee](#)
- [FindEmployeeUnitSubUnit](#)
- [GetMobilePreferences](#)
- [GetMobileUserProfile](#)
- [SetEmployeeMaintenance](#)

DeleteEmployee

The DeleteEmployee API is used to delete a record from the Resource Maintenance screen.

Request

```
<Request>
  <DeleteEmployee>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </DeleteEmployee>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindEmployeeUnitSubUnit

The FindEmployeeUnitSubUnit API is used to return a list of unit/sub-unit for an employee used in Resource Maintenance screen.

Request

```
<Request>
  <FindEmployeeUnitSubUnit>
    <Params>
      <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
    </Params>
  </FindEmployeeUnitSubUnit>
</Request>
```

Optional next parameters:

```
<ASOFDATE></ASOFDATE> used for Time Entry
<FROM_ROW></FROM_ROW> and <TO_ROW></TO_ROW> used for pagination
```

Reply

Success

```
<Params>
  <RESOURCE>
    <SEQ_NO>1571</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
    <UNIT_ID>Unit</UNIT_ID>
    <SUBUNIT_ID>Subu</SUBUNIT_ID>
    <EFD_START_DT>20161005</EFD_START_DT>
    <EFD_EXPIRY_DT>20161105</EFD_EXPIRY_DT>
    <COMMENTS>Just a comment</COMMENTS>
  </RESOURCE>
  <RESOURCE>
    <SEQ_NO>1572</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
    <UNIT_ID>Unit</UNIT_ID>
    <SUBUNIT_ID>Subu</SUBUNIT_ID>
    <EFD_START_DT>20161005</EFD_START_DT>
    <EFD_EXPIRY_DT>20161105</EFD_EXPIRY_DT>
    <COMMENTS>Just a comment</COMMENTS>
  </RESOURCE>
  <RESOURCE>
    <SEQ_NO>1573</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
    <UNIT_ID>Unit</UNIT_ID>
    <SUBUNIT_ID>Subu</SUBUNIT_ID>
    <EFD_START_DT>20161005</EFD_START_DT>
    <EFD_EXPIRY_DT>20161105</EFD_EXPIRY_DT>
```

```
<COMMENTS>Just a comment</COMMENTS>
</RESOURCE>
<STATUS>0</STATUS>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetMobilePreferences

The GetMobilePreferences API

Request

```
<Request>
  <GetMobilePreferences>
    <Params></Params>
  </GetMobilePreferences>
</Request>
```

Reply

Success

```
<Params>
  <PREFERENCES>
    <PREFERENCE_VALUE>Y</PREFERENCE_VALUE>
    <PREFERENCE_TAG>ASCOL</PREFERENCE_TAG>
  </PREFERENCES>
  <PREFERENCES>
    <PREFERENCE_VALUE>Y</PREFERENCE_VALUE>
    <PREFERENCE_TAG>EQCOL</PREFERENCE_TAG>
  </PREFERENCES>
  ...
  <PREFERENCES>
    <PREFERENCE_VALUE>N</PREFERENCE_VALUE>
    <PREFERENCE_TAG>WRKORDNOLN</PREFERENCE_TAG>
  </PREFERENCES>
</Params>
```

Error

GetMobileUserProfile

The GetMobileUserProfile API

Request

```
<Request>
  <GetMobileUserProfile>
    <Params>

    </Params>
  </GetMobileUserProfile>
</Request>
```

Reply

Success

```
<Params>
  <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
  <EMPLOYEE_NAME>Bali</EMPLOYEE_NAME>
  <EMPLOYEE_TYPE>5</EMPLOYEE_TYPE>
  <EMPLOYEE_INITIAL>1</EMPLOYEE_INITIAL>
</Params>
```

Error

```
<Params>
  <STATUS>-1</STATUS>
  <STATUS_DESC>no employee found</STATUS_DESC>
</Params>
```

SetEmployeeMaintenance

The SetEmployeeMaintenance API is used to add or update the employee in the Resource Maintenance screen.

Request

```
<Request>
  <SetEmployeeMaintenance>
    <Params>
```

```

    <EMPLOYEEMAINTENANCE>
      <SEQ_NO>139510</SEQ_NO>
      <ROWSTATE>UPDATE</ROWSTATE>
      <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
      <EMPLOYEE_NAME>newname</EMPLOYEE_NAME>
      <EMPLOYEE_INITIALS />
      <EMPLOYEE_TYPE />
      <PAYROLL_EMPL_NO />
      <RESOURCE_CODE />
      <USER_ID />
    </EMPLOYEEMAINTENANCE>
    <UNITSUBUNIT>
      <ROWSTATE>ADD</ROWSTATE>
      <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
      <UNIT_ID>00S</UNIT_ID>
      <SUBUNIT_ID>OVHL</SUBUNIT_ID>
      <EFD_START_DT>20161215</EFD_START_DT>
      <EFD_EXPIRY_DT>20161216</EFD_EXPIRY_DT>
      <COMMENTS>test</COMMENTS>
    </UNITSUBUNIT>
  </Params>
</SetEmployeeMaintenance>
</Request>

```

Reply

Success

```

<Request>
  <SetEmployeeMaintenance>
    <Params>
      <EMPLOYEEMAINTENANCE>
        <SEQ_NO>139510</SEQ_NO>
        <ROWSTATE>UPDATE</ROWSTATE>
        <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
        <EMPLOYEE_NAME>newname</EMPLOYEE_NAME>
        <EMPLOYEE_INITIALS />
        <EMPLOYEE_TYPE />
        <PAYROLL_EMPL_NO />
        <RESOURCE_CODE />
        <USER_ID />
      </EMPLOYEEMAINTENANCE>
      <UNITSUBUNIT>
        <ROWSTATE>ADD</ROWSTATE>
        <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
        <UNIT_ID>00S</UNIT_ID>
        <SUBUNIT_ID>OVHL</SUBUNIT_ID>
        <EFD_START_DT>20161215</EFD_START_DT>
        <EFD_EXPIRY_DT>20161216</EFD_EXPIRY_DT>
        <COMMENTS>test</COMMENTS>
      </UNITSUBUNIT>
    </Params>
  </SetEmployeeMaintenance>
</Request>

```

```

    </UNITSUBUNIT>
  </Params>
</SetEmployeeMaintenance>
</Request>

```

Error

```

<Params>
  <EMPLOYEEMAINTENANCE>
    <SEQ_NO>139510</SEQ_NO>
    <ROWSTATE>UPDATE</ROWSTATE>
    <EMPLOYEE_ID>aLexewew1</EMPLOYEE_ID>
    <EMPLOYEE_NAME>newname</EMPLOYEE_NAME>
    <EMPLOYEE_INITIALS />
    <EMPLOYEE_TYPE />
    <PAYROLL_EMPL_NO />
    <RESOURCE_CODE />
    <USER_ID />
    <ERRORS>
      <ERROR_FIELD>EMPLOYEE_ID</ERROR_FIELD>
      <ERROR_MESSAGE>Not allowed to change EMPLOYEE_ID</ERROR_MESSAGE>
    </ERRORS>
  </EMPLOYEEMAINTENANCE>
  <UNITSUBUNIT>
    <ROWSTATE>ADD</ROWSTATE>
    <EMPLOYEE_ID>aLex1</EMPLOYEE_ID>
    <UNIT_ID>00S</UNIT_ID>
    <SUBUNIT_ID>OVHL</SUBUNIT_ID>
    <EFD_START_DT>20161215</EFD_START_DT>
    <EFD_EXPIRY_DT>20161216</EFD_EXPIRY_DT>
    <COMMENTS>test</COMMENTS>
    <SEQ_NO>3290</SEQ_NO>
  </UNITSUBUNIT>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

Employee Override APIs

- [DeleteEmployeeMembership](#)
- [FindEmployeeDefaults](#)
- [FindEmployeePayTypes](#)
- [FindTimeBankOverrides](#)
- [SetEmployeeOverride](#)

EMPLOYEE OVERRIDE

UNIT | SUBUNIT

EMPLOYEES

employees

2224 | 2225
Crew1

Contract Engineer 2 V098019	C	Clerks Clerks Unit
Barbara Blaker	V	School1 Admin School District Admin
Albert Anderson	E	School1 Teachers School 1 teachers
Contractor Engineer 4	C	
John Smith	E	
Carol Chapman	E	
Dodge Ram V09834581C8	Eq	
Everett Guerrero	E	
Joseph Gill	C	
Dominic Newman	E	

✓

✕

SETTINGS

DATA

EMPLOYEE

Resource ID
Everett Guerrero

Resource Name
Everett Guerrero

Initials
EG

Resource Code
000001142

Resource Number
00000120584

User ID
7324

Type
Employee

SCHOOL1 | TEACHERS


MEMBERSHIP

Start date
2016 - 10 - 18

End date
2017 - 10 - 26

Comments
Some comments about the employee's membership to this unit

DeleteEmployeeMembership

 This API is not used anymore and has been archived. The resource membership can be deleted from the Unit Maintenance screen.

The DeleteEmployeeMembership API is used to delete the employee membership from the Employee Override Maintenance screen.

Request

```
<Request>
  <DeleteEmployeeMembership>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </DeleteEmployeeMembership>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
```

```
</Params>
```

Error Reply

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindEmployeeDefaults

The FindEmployeeDefaults API is used to retrieve a list of employee Defaults in Employee Override Maintenance (the screen is open from Unit Maintenance Resources tab and clicking on the vertical ellipses from the resource grid).

Request

```
<Request>
  <FindEmployeeDefaults>
    <Params>
      <EMPLOYEE_ID>Carol</EMPLOYEE_ID>
      <UNIT_ID>Clerks</UNIT_ID>
      <SUBUNIT_ID />
    </Params>
  </FindEmployeeDefaults>
</Request>
```

Reply

Success

```
<Params>
  <EMPLOYEEDEFAULT>
    <SEQ_NO>24878</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <EMPLOYEE_ID>Carol</EMPLOYEE_ID>
    <EMPLOYEE_NAME />
    <UNIT_ID>Clerks</UNIT_ID>
    <SUBUNIT_ID />
    <EARNING_CD>Reg</EARNING_CD>
    <DEPT_GROUP />
    <CHARGE_CODE>EL364</CHARGE_CODE>
    <ASSIGNMENT_CD />
  </EMPLOYEEDEFAULT>
  <EMPLOYEEDEFAULT>
    <SEQ_NO>24879</SEQ_NO>
```

```

<ROWSTATE>UNMODIFIED</ROWSTATE>
<EMPLOYEE_ID>Carol</EMPLOYEE_ID>
<EMPLOYEE_NAME />
<UNIT_ID>Clerks</UNIT_ID>
<SUBUNIT_ID />
<EARNING_CD>Reg</EARNING_CD>
<DEPT_GROUP />
<CHARGE_CODE>EL365</CHARGE_CODE>
<ASSIGNMENT_CD />
</EMPLOYEEDEFAULT>
<STATUS>0</STATUS>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

FindEmployeePayTypes

The FindEmployeePayTypes API is used to retrieve a list of employee PayTypes in Employee Override Maintenance (the screen is open from Unit Maintenance Resources tab and clicking on the vertical ellipses from the resource grid).

Request

For unit/sub-unit

```

<Request>
  <FindEmployeePayTypes>
    <Params>
      <EMPLOYEE_ID>carmen</EMPLOYEE_ID>
      <UNIT_ID>123</UNIT_ID>
      <SUBUNIT_ID>Test123</SUBUNIT_ID>
    </Params>
  </FindEmployeePayTypes>
</Request>

```

For employee

```

<Request>
  <FindEmployeePayTypes>
    <Params>
      <EMPLOYEE_ID>carmen</EMPLOYEE_ID>
    </Params>
  </FindEmployeePayTypes>

```


</Request>

Reply

Success

```
<Params>
  <EMPLOYEEPAYTYPE>
    <SEQ_NO>3464</SEQ_NO>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test123</SUBUNIT_ID>
    <EARNING_CD>EACD0124</EARNING_CD>
    <DESCRIPTION />
    <EARNING_SORT_CODE />
    <PA_EARNING_CODE />
    <EARNING_CATEGORY />
    <MAX_DAILY_HOURS />
    <MIN_DAILY_HOURS />
    <MAX_PERIOD_HOURS />
    <COLUMN_SEQ />
    <FROM_UNIT>Y</FROM_UNIT>
  </EMPLOYEEPAYTYPE>
  <EMPLOYEEPAYTYPE>
    <SEQ_NO>3510</SEQ_NO>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test123</SUBUNIT_ID>
    <EARNING_CD>EACD0175</EARNING_CD>
    <DESCRIPTION />
    <EARNING_SORT_CODE />
    <PA_EARNING_CODE />
    <EARNING_CATEGORY />
    <MAX_DAILY_HOURS />
    <MIN_DAILY_HOURS />
    <MAX_PERIOD_HOURS />
    <COLUMN_SEQ />
    <FROM_UNIT>Y</FROM_UNIT>
  </EMPLOYEEPAYTYPE>
  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindTimeBankOverrides

The FindTimeBankOverrides API is used to retrieve a list of time bank code in Employee Override Maintenance (the screen is open from Unit Maintenance Resources tab and clicking on the vertical ellipses from the resource grid).

Request

```
<Request>
  <FindTimeBankOverrides>
    <Params>
      <PAYROLL_EMPL_NO>0000081120</PAYROLL_EMPL_NO>
    </Params>
  </FindTimeBankOverrides>
</Request>
```

Reply

Success

```
<Params>
  <ROW>
    <PAYROLL_EMPL_NO>0000081120</PAYROLL_EMPL_NO>
    <TIME_BANK_DESCRIPTION>SICK TIME</TIME_BANK_DESCRIPTION>
    <VISIBLE_TO_USER>T</VISIBLE_TO_USER>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <ROW>
    <PAYROLL_EMPL_NO>0000081120</PAYROLL_EMPL_NO>
    <TIME_BANK_DESCRIPTION>COMP TIME-GENL1</TIME_BANK_DESCRIPTION>
    <VISIBLE_TO_USER>T</VISIBLE_TO_USER>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <ROW>
    <PAYROLL_EMPL_NO>0000081120</PAYROLL_EMPL_NO>
    <TIME_BANK_DESCRIPTION>Annual Leave</TIME_BANK_DESCRIPTION>
    <VISIBLE_TO_USER>T</VISIBLE_TO_USER>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <ROW>
    <PAYROLL_EMPL_NO>0000081120</PAYROLL_EMPL_NO>
    <TIME_BANK_DESCRIPTION>SICK TIME-OSF</TIME_BANK_DESCRIPTION>
    <VISIBLE_TO_USER>T</VISIBLE_TO_USER>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <ROW>
    <PAYROLL_EMPL_NO>0000081120</PAYROLL_EMPL_NO>
    <TIME_BANK_DESCRIPTION>TEST BANK</TIME_BANK_DESCRIPTION>
    <VISIBLE_TO_USER>T</VISIBLE_TO_USER>
  </ROW>
```

```

    <ROWSTATE>UNMODIFIED</ROWSTATE>
  </ROW>
  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetEmployeeOverride

The SetEmployeeOverride API is used to update the employee overrides in Employee Override Maintenance (the screen is open from Unit Maintenance Resources tab and clicking on the vertical ellipses from the resource grid).

Request

Example 1

```

<Request>
  <SetEmployeeOverride>
    <Params>
      <EMPLOYEEOVERRIDE>
        <SEQ_NO>3610</SEQ_NO>
        <EMPLOYEE_ID>Carol</EMPLOYEE_ID>
        <CALENDAR_CD />
        <SHIFT_CD>3</SHIFT_CD>
        <COMMENTS>test</COMMENTS>
        <UNIT_ID>123</UNIT_ID>
        <SUBUNIT_ID>Test123</SUBUNIT_ID>
        <EFD_START_DT>20170105</EFD_START_DT>
        <EFD_EXPIRY_DT>20170105</EFD_EXPIRY_DT>
      </EMPLOYEEOVERRIDE>
    </Params>
  </SetEmployeeOverride>
</Request>

```

Example 2

```

<Request>
  <SetEmployeeOverride>
    <Params>
      <EMPLOYEEOVERRIDE>
        <SEQ_NO>3610</SEQ_NO>
        <EMPLOYEE_ID>Carol</EMPLOYEE_ID>

```

```

    <CALENDAR_CD />
    <SHIFT_CD>3</SHIFT_CD>
    <COMMENTS>test</COMMENTS>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test123</SUBUNIT_ID>
    <EFD_START_DT>20170105</EFD_START_DT>
    <EFD_EXPIRY_DT>20170105</EFD_EXPIRY_DT>
  </EMPLOYEEOVERRIDE>
  <EMPLOYEEPAYTYPE>
    <SEQ_NO>3511</SEQ_NO>
    <UNIT_ID>123</UNIT_ID>
    <ROWSTATE>UPDATE</ROWSTATE>
    <SUBUNIT_ID>Test123</SUBUNIT_ID>
    <EARNING_CD>EACD0175</EARNING_CD>
    <DESCRIPTION />
    <EARNING_SORT_CODE />
    <PA_EARNING_CODE />
    <EARNING_CATEGORY />
    <MAX_DAILY_HOURS />
    <MIN_DAILY_HOURS />
    <MAX_PERIOD_HOURS />
  </EMPLOYEEPAYTYPE>
  <EMPLOYEEDEFAULT>
    <SEQ_NO>24878</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <EMPLOYEE_ID>Carol</EMPLOYEE_ID>
    <UNIT_ID>Clerks</UNIT_ID>
    <SUBUNIT_ID />
    <EARNING_CD>Reg</EARNING_CD>
    <DEPT_GROUP />
    <CHARGE_CODE>EL364</CHARGE_CODE>
  </EMPLOYEEDEFAULT>
  <TIMEBANKOVERRIDE>
    <SEQ_NO>24878</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <PAYROLL_EMPL_NO />
    <VISIBLE_TO_USER />
    <EMPLOYEE_TYPE />
    <TIME_BANK_DESCRIPTION>Reg</TIME_BANK_DESCRIPTION>
  </TIMEBANKOVERRIDE>
</Params>
</SetEmployeeOverride>
</Request>

```

Reply

Success

```

<Params>
  <EMPLOYEEOVERRIDE>

```

```

    <SEQ_NO>3610</SEQ_NO>
    <EMPLOYEE_ID>Carol</EMPLOYEE_ID>
    <COMMENTS>test</COMMENTS>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test123</SUBUNIT_ID>
    <EFD_START_DT>20170105</EFD_START_DT>
    <EFD_EXPIRY_DT>20170105</EFD_EXPIRY_DT>
  </EMPLOYEEOVERRIDE>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <EMPLOYEEOVERRIDE>
    <SEQ_NO>3610</SEQ_NO>
    <COMMENTS>test</COMMENTS>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test123</SUBUNIT_ID>
    <EFD_START_DT>20170105</EFD_START_DT>
    <EFD_EXPIRY_DT>20170105</EFD_EXPIRY_DT>
    <ERRORS>
      <ERROR_FIELD>SEQ_NO</ERROR_FIELD>
      <ERROR_MESSAGE>SEQ_NO:3610</ERROR_MESSAGE>
    </ERRORS>
  </EMPLOYEEOVERRIDE>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

FMLA APIs

Function APIs

- [DeleteFunction](#)
- [SetFunctionMaintenance](#)

DeleteFunction

The DeleteFunction API is used to delete a record from the Function Maintenance screen.

Request

```

<Request>
  <DeleteFunction>
    <Params>

```

```
<FUNCTION_CD></FUNCTION_CD>
</Params>
</DeleteFunction>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetFunctionMaintenance

The SetFunctionMaintenance is used to add or update the function.

Request

```
<Request>
  <SetFunctionMaintenance>
    <Params>
      <ROWSTATE>ADD</ROWSTATE>
      <FUNCTION_CD>1234</FUNCTION_CD>
      <DESCRIPTION>test</DESCRIPTION>
    </Params>
  </SetFunctionMaintenance>
</Request>
```

Reply

Success

```
<Params>
  <ROWSTATE>ADD</ROWSTATE>
  <FUNCTION_CD>1234</FUNCTION_CD>
```

```

<DESCRIPTION>test</DESCRIPTION>
<STATUS>0</STATUS>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <ROWSTATE>ADD</ROWSTATE>
  <FUNCTION_CD>1234</FUNCTION_CD>
  <DESCRIPTION>test</DESCRIPTION>
  <ERRORS>
    <ERROR_FIELD>Function_CD</ERROR_FIELD>
    <ERROR_MESSAGE>Category already exist. Must be unique!</ERROR_MESSAGE>
  </ERRORS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

GL Code APIs

- [DeleteGLCode](#)
- [FindEmployeeGLCodes](#)
- [FindOccupationCodes](#)
- [FindOccupationLocations](#)
- [SetGLCodeMaintenance](#)

DeleteGLCode

The DeleteGLCode API is used to delete the GL Code from the GL Code Maintenance screen.

Request

```

<Request>
  <DeleteGLCode>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </DeleteGLCode>
</Request>

```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindEmployeeGLCodes

The FindEmployeeGLCodesAPI is used to return a list of employee GL codes used in GL Code Maintenance.

Request

```
<Request>
  <FindEmployeeGLCodes>
    <Params>
      <OCC_CODE>4049</OCC_CODE>
      <DEPT_NO>0435</DEPT_NO>
      <SUB_DEPT>015</SUB_DEPT>
    </Params>
  </FindEmployeeGLCodes>
</Request>
```

Reply

Success

```
<Params>
  <EMPLOYEEGLCODE>
    <SEQ_NO>26337</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <OCC_CODE>4049</OCC_CODE>
    <DEPT_NO>0435</DEPT_NO>
    <SUB_DEPT>015</SUB_DEPT>
    <DEPT_GROUP>10</DEPT_GROUP>
    <CHARGE_CODE>10219</CHARGE_CODE>
  </EMPLOYEEGLCODE>
</Params>
```



```

    <CHARGE_CODE_DESCRIPTION />
  </EMPLOYEEGLCODE>
  <STATUS>0</STATUS>
  <STATUS_DESC>One record found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

FindOccupationCodes

The FindOccupationCodes API is used to return a list of distinct occupation codes used in GL Code Maintenance screen.

Request

```

<Request>
  <FindOccupationCodes>
    <Params>
      [ SEARCH_QUERY ]
    </Params>
  </FindOccupationCodes>
</Request>

```

*The parameter `SEARCH_QUERY` is optional. It is used when we want to search for an occupation code.

Reply

Success

```

<Params>
  <ROW>
    <SEQ_NO></SEQ_NO>
    <OCC_CODE></OCC_CODE>
    <DEPT_NO></DEPT_NO>
    <SUB_DEPT></SUB_DEPT>
    <DESCRIPTION></DESCRIPTION>
    <CHILDRENS_COUNT></CHILDRENS_COUNT>
  </ROW>
  <ROW>
    <SEQ_NO></SEQ_NO>
    <OCC_CODE></OCC_CODE>

```

```

    <DEPT_NO></DEPT_NO>
    <SUB_DEPT></SUB_DEPT>
    <DESCRIPTION></DESCRIPTION>
    <CHILDRENS_COUNT></CHILDRENS_COUNT>
  </ROW>
  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

FindOccupationLocations

The FindOccupationLocations API is used to return a list of locations for selected occupation code used in GL Code Maintenance.

Request

```

<Request>
  <FindOccupationLocations>
    <Params>
      <OCC_CODE>1012</OCC_CODE>
    </Params>
  </FindOccupationLocations>
</Request>

```

Reply

Success

```

<Reply>
  <pid>24344</pid>
  <transNo>88</transNo>
  <FindOccupationLocations>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
    <ROW>
      <OCC_CODE>1012</OCC_CODE>
      <LOCATION_DESCRIPTION>Operations 311</LOCATION_DESCRIPTION>
      <SEQ_NO>27598</SEQ_NO>
    </ROW>
  </FindOccupationLocations>

```

```

<DESCRIPTION>CLERK III</DESCRIPTION>
<SUB_DEPT>016</SUB_DEPT>
<DEPT_NO>0010</DEPT_NO>
</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>GOVERNING BODY</LOCATION_DESCRIPTION>
  <SEQ_NO>30386</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>001</SUB_DEPT>
  <DEPT_NO>0411</DEPT_NO>
</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>LEGISLATIVE COMMITTEES, BOARDS</
LOCATION_DESCRIPTION>
  <SEQ_NO>30379</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>005</SUB_DEPT>
  <DEPT_NO>0411</DEPT_NO>
</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>CLERK TO COUNCIL</LOCATION_DESCRIPTION>
  <SEQ_NO>30390</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>015</SUB_DEPT>
  <DEPT_NO>0411</DEPT_NO>
</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>CRIMINAL COURTS</LOCATION_DESCRIPTION>
  <SEQ_NO>30414</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>001</SUB_DEPT>
  <DEPT_NO>0412</DEPT_NO>
</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>PUBLIC INFORMATION</LOCATION_DESCRIPTION>
  <SEQ_NO>30387</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>010</SUB_DEPT>
  <DEPT_NO>0413</DEPT_NO>
</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>TREASURY/COLLECTIONS</LOCATION_DESCRIPTION>
  <SEQ_NO>30451</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>020</SUB_DEPT>
  <DEPT_NO>0415</DEPT_NO>

```

```

</ROW>
<ROW>
  <OCC_CODE>1012</OCC_CODE>
  <LOCATION_DESCRIPTION>PERSONNEL SERVICES</LOCATION_DESCRIPTION>
  <SEQ_NO>30401</SEQ_NO>
  <DESCRIPTION>CLERK III</DESCRIPTION>
  <SUB_DEPT>005</SUB_DEPT>
  <DEPT_NO>0417</DEPT_NO>
</ROW>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</FindOccupationLocations>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetGLCodeMaintenance

The SetGLCodeMaintenance API is used to maintain the GL Code in GL Code Maintenance.

Request

```

<Request>
  <SetGLCodeMaintenance>
    <Params>
      <GLCODEMAINTENANCE>
        <ROWSTATE>ADD</ROWSTATE>
        <OCC_CODE>0001</OCC_CODE>
        <DEPT_NO>0060</DEPT_NO>
        <SUB_DEPT>071</SUB_DEPT>
      </GLCODEMAINTENANCE>
      <EMPLOYEEGLCODE>
        <ROWSTATE>UPDATE</ROWSTATE>
        <SEQ_NO>1664</SEQ_NO>
        <OCC_CODE>0003</OCC_CODE>
        <DEPT_NO>0060</DEPT_NO>
        <SUB_DEPT>071</SUB_DEPT>
        <CHARGE_CODE />
        <DEPT_GROUP />
      </EMPLOYEEGLCODE>
    </Params>
  </SetGLCodeMaintenance>

```

</Request>

Reply

Success

```
<Params>
  <GLCODEMAINTENANCE>
    <ROWSTATE>UPDATE</ROWSTATE>
    <SEQ_NO>1664</SEQ_NO>
    <OCC_CODE>0003</OCC_CODE>
    <DEPT_NO>0060</DEPT_NO>
    <SUB_DEPT>071</SUB_DEPT>
  </GLCODEMAINTENANCE>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <GLCODEMAINTENANCE>
    <ROWSTATE>ADD</ROWSTATE>
    <OCC_CODE>0001</OCC_CODE>
    <DEPT_NO>0060</DEPT_NO>
    <SUB_DEPT>071</SUB_DEPT>
    <ERRORS>
      <ERROR_FIELD>DEPT_NO</ERROR_FIELD>
      <ERROR_MESSAGE>GL Code already exist!</ERROR_MESSAGE>
    </ERRORS>
  </GLCODEMAINTENANCE>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

Holiday Calendar APIs

- [DeleteAllHolidaysForSpecificSchedPeriod](#)
- [DeleteHolidayCalendar](#)
- [GetHolidays](#)
- [GetSpecificCalendars](#)
- [GetStatutoryHolidays](#)
- [PublishSpecificCalendar](#)
- [SetHolidayMaintenance](#)
- [SetUnitSpecificCalendar](#)

DeleteAllHolidaysForSpecificSchedPeriod

The DeleteAllHolidaysForSpecificSchedPeriod API is used for deleting all calendar dates from all calendars within a specific schedule period. In Calendar Maintenance, select the desired period and use the delete button.

Request

```
<Request>
  <DeleteAllHolidaysForSpecificSchedPeriod>
    <Params>
      <SCHEDULE_SEQ_NO>32532</SCHEDULE_SEQ_NO>
    </Params>
  </DeleteAllHolidaysForSpecificSchedPeriod>
</Request>
```

Reply

Success

```
<DeleteAllHolidaysForSpecificSchedPeriod version="1">
  <Params>
    <STATUS>0</STATUS>
    <STATUS_DESC>All Calendar Dates For A Specific Schedule Period Deleted!
  </STATUS_DESC>
  </Params>
  <STATUS>0</STATUS>
</DeleteAllHolidaysForSpecificSchedPeriod>
```

Error

```
<Params>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Record not found in Schedule Period TE590M with SEQ_NO</STATUS_DESC>
</Params>
```

DeleteHolidayCalendar

The DeleteHolidayCalendar API is used to delete a record in Holiday Maintenance.

Request

```
<Request>
  <DeleteHolidayCalendar>
    <Params>
```

```

    <SEQ_NO></SEQ_NO>
  </Params>
</DeleteHolidayCalendar>
</Request>

```

Reply

Success

```

<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetHolidays

The GetHolidays API is used to retrieve a list of available holidays in Calendar Maintenance.

Request

```

<Request>
  <GetHolidays>
    <Params>
      [<CALENDAR_CD></CALENDAR_CD>]
    </Params>
  </GetHolidays>
</Request>

```

*The TAG CALENDAR_CD is optional. When it is present, only the holidays with the respective code will be returned. TIME_OFF_YN tag returns as 'F' if TIME_OFF_YN is empty.

```

<Reply>
  <GetHolidays>
    <STATUS>0</STATUS>
    <Params>
      <RESOURCES>
        <START_TIME />
        <EARNING_CD>SICK</EARNING_CD>
      </RESOURCES>
    </Params>
  </GetHolidays>
</Reply>

```

```

    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP />
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS>5</HOURS>
    <SEQ_NO>44612</SEQ_NO>
    <DESCRIPTION>New Year's Day</DESCRIPTION>
    <HOLIDAY_DT>20180101</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
  </RESOURCES>
  <RESOURCES>
    <START_TIME />
    <EARNING_CD />
    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP />
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS />
    <SEQ_NO>44614</SEQ_NO>
    <DESCRIPTION>Christmas Day</DESCRIPTION>
    <HOLIDAY_DT>20181225</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
  </RESOURCES>
  <RESOURCES>
    <START_TIME />
    <EARNING_CD />
    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP />
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS />
    <SEQ_NO>44615</SEQ_NO>
    <DESCRIPTION>Boxing Day</DESCRIPTION>
    <HOLIDAY_DT>20181226</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
  </RESOURCES>
  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</GetHolidays>

```



```
<pid>24344</pid>
<transNo>20</transNo>
</Reply>
```

Reply

Success

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetSpecificCalendars

The GetUnitSpecificCalendar API is used to get a specific calendar from the Unit Maintenance Calendar tab or Resource Override Calendar tab.

Request

```
<Request>
  <GetHolidays>
    <Params>
      <UNIT_ID>6010</UNIT_ID>
      <SUBUNIT_ID>6011</SUBUNIT_ID>
    </Params>
  </GetHolidays>
</Request>
```

Reply

Success

```
<Reply>
  <GetSpecificCalendars>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <SEQ_NO>72833</SEQ_NO>
        <DESCRIPTION>Custom Calendar</DESCRIPTION>
        <SPECIFIC>T</SPECIFIC>
        <CALENDAR_CD>C72833</CALENDAR_CD>
      </ROW>
    </Params>
  </GetSpecificCalendars>
</Reply>
```

```

</ROW>
<ROW>
  <SEQ_NO>11416</SEQ_NO>
  <DESCRIPTION>Canadian STAT Holiday</DESCRIPTION>
  <CALENDAR_CD>CAN STATS</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>30667</SEQ_NO>
  <DESCRIPTION>P Calendar</DESCRIPTION>
  <CALENDAR_CD>P-CAL</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>24974</SEQ_NO>
  <DESCRIPTION>United States STAT Holiday's</DESCRIPTION>
  <CALENDAR_CD>US STATS</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>35929</SEQ_NO>
  <DESCRIPTION>ww</DESCRIPTION>
  <CALENDAR_CD>ww</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>28073</SEQ_NO>
  <DESCRIPTION>newHo</DESCRIPTION>
  <CALENDAR_CD>NEWHo</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>26862</SEQ_NO>
  <DESCRIPTION>CANADIAN SCHOOL HOLIDAYS</DESCRIPTION>
  <CALENDAR_CD>CDN SCH</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>27447</SEQ_NO>
  <DESCRIPTION>test automation new description bCYW</DESCRIPTION>
  <CALENDAR_CD>UUrJM</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>36878</SEQ_NO>
  <DESCRIPTION>Test Leo</DESCRIPTION>
  <CALENDAR_CD>01TEST</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>30094</SEQ_NO>
  <DESCRIPTION>sss</DESCRIPTION>
  <CALENDAR_CD>aaa</CALENDAR_CD>
</ROW>
<ROW>
  <SEQ_NO>30828</SEQ_NO>
  <DESCRIPTION>de test</DESCRIPTION>
  <CALENDAR_CD>1613 final</CALENDAR_CD>
</ROW>
<ROW>

```

```

    <SEQ_NO>37608</SEQ_NO>
    <DESCRIPTION>Test Leo 2</DESCRIPTION>
    <CALENDAR_CD>02TEST</CALENDAR_CD>
  </ROW>
  <ROW>
    <SEQ_NO>37609</SEQ_NO>
    <DESCRIPTION>Test Leo 3</DESCRIPTION>
    <CALENDAR_CD>03TEST</CALENDAR_CD>
  </ROW>
  <ROW>
    <SEQ_NO>34274</SEQ_NO>
    <DESCRIPTION>duplicated TestCal 3</DESCRIPTION>
    <CALENDAR_CD>TestCal</CALENDAR_CD>
    <STATUS_DESC>Multiple records found</STATUS_DESC>
  </Params>
  <version>1</version>
</GetSpecificCalendars>
<pid>24344</pid>
<transNo>96</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetStatutoryHolidays

The GetStatutoryHolidays API is used to retrieve a list of available statutory holidays for a specific period in Calendar Maintenance.

Request

```

<Request>
  <GetStatutoryHolidays>
    <Params>
      <SCHEDULE_SEQ_NO>10780</SCHEDULE_SEQ_NO>
    </Params>
  </GetStatutoryHolidays>
</Request>

```

Reply

Success

```
<Reply transNo="670606" pid="6572">
  <GetStatutoryHolidays version="1">
    <Params>
      <ROW>
        <STATUT_CD>NEWYR</STATUT_CD>
        <STATUT_DTM>19970101</STATUT_DTM>
        <DESCRIPTION>New Years Day</DESCRIPTION>
      </ROW>
      <ROW>
        <STATUT_CD>XMAS</STATUT_CD>
        <STATUT_DTM>19971225</STATUT_DTM>
        <DESCRIPTION>Christmas</DESCRIPTION>
      </ROW>
      <ROW>
        <STATUT_CD>BOX</STATUT_CD>
        <STATUT_DTM>19971226</STATUT_DTM>
        <DESCRIPTION>Boxing Day</DESCRIPTION>
      </ROW>
      <STATUS>0</STATUS>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
    </Params>
    <STATUS>0</STATUS>
  </GetStatutoryHolidays>
</Reply>
```

Error

```
<GetStatutoryHolidays version="1">
  <Params>
    <STATUS>-1</STATUS>
    <STATUS_DESC>Record with SCHEDULE_SEQ_NO: 107 not found!</STATUS_DESC>
  </Params>
  <STATUS>0</STATUS>
</GetStatutoryHolidays>
```

PublishSpecificCalendar

The PublishSpecificCalendar API is used to add or update a unit or resource-specific calendar from the Unit Maintenance Calendar tab or Resource Override Calendar tab.

Request

```
<PublishSpecificCalendar>
```

```

    <Params>
      <SEQ_NO></SEQ_NO>
      <CALENDAR_CD></CALENDAR_CD>
      <DESCRIPTION></DESCRIPTION>
    </Params>
  </PublishSpecificCalendar>

```

Reply

Success

```

<Reply>
  <pid>24344</pid>
  <transNo>3</transNo>
  <PublishSpecificCalendar>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>Record updated</STATUS_DESC>
    </Params>
    <version>1</version>
  </PublishSpecificCalendar>
</Reply>

```

Error

```

<Reply>
  <pid>24136</pid>
  <transNo>2</transNo>
  <PublishSpecificCalendar>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>-1</STATUS>
      <STATUS_DESC>
        <ERRORS>
          <ERROR_MESSAGE>Calendar code already exists</ERROR_MESSAGE>
          <ERROR_FIELD>CALENDAR_CD</ERROR_FIELD>
        </ERRORS>
      </STATUS_DESC>
    </Params>
    <version>1</version>
  </PublishSpecificCalendar>
</Reply>

```

SetHolidayMaintenance

The SetHolidayMaintenance API is used to add or update the holiday calendar in Calendar Maintenance.

Request

```
<Request>
  <SetHolidayMaintenance>
    <Params>
      <HOLIDAYMAINTENANCE>
        <CALENDAR_CD>01CND</CALENDAR_CD>
        <DESCRIPTION>CANADIAN STAT HOLIDAYS1</DESCRIPTION>
        <SEQ_NO>44611</SEQ_NO>
        <ROWSTATE>UPDATE</ROWSTATE>
      </HOLIDAYMAINTENANCE>
      <HOLIDAYS>
        <ROWSTATE>ADD</ROWSTATE>
        <eventData>ADD</eventData>
        <rid>386ac070-9123-8bc0-bcc0-6044a6f6a716</rid>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <HOLIDAY_DT>20181108</HOLIDAY_DT>
        <DESCRIPTION>test</DESCRIPTION>
        <EARNING_CD>REG</EARNING_CD>
        <EARNING_CD_LONG_DESCRIPTION />
        <HOURS>8</HOURS>
        <START_TIME />
        <END_TIME />
        <CALENDAR_CD>01CND</CALENDAR_CD>
      </HOLIDAYS>
      <HOLIDAYS>
        <START_TIME />
        <EARNING_CD>SICK</EARNING_CD>
        <CHARGE_CODE_DESCRIPTION />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <DEPT_GROUP />
        <CALENDAR_CD>01CND</CALENDAR_CD>
        <CHARGE_CODE />
        <ABBREVIATION />
        <END_TIME />
        <HOURS>5</HOURS>
        <SEQ_NO>44612</SEQ_NO>
        <DESCRIPTION>New Year's Day</DESCRIPTION>
        <HOLIDAY_DT>20180101</HOLIDAY_DT>
        <EARNING_CD_LONG_DESCRIPTION />
        <rid>09d97d63-64c6-594f-7c5c-015a4ef8e7b3</rid>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
      </HOLIDAYS>
      <HOLIDAYS>
        <START_TIME />
        <EARNING_CD />
      </HOLIDAYS>
    </Params>
  </SetHolidayMaintenance>
</Request>
```

```

    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP />
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS />
    <SEQ_NO>44614</SEQ_NO>
    <DESCRIPTION>Christmas Day</DESCRIPTION>
    <HOLIDAY_DT>20181225</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
    <rid>96c09c6f-9c8c-7724-b7f7-bb48db90b3c4</rid>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
  </HOLIDAYS>
  <HOLIDAYS>
    <START_TIME />
    <EARNING_CD />
    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP />
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS />
    <SEQ_NO>44615</SEQ_NO>
    <DESCRIPTION>Boxing Day</DESCRIPTION>
    <HOLIDAY_DT>20181226</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
    <rid>d3c3abe3-bf03-3baa-7bda-6d6840ba7ae6</rid>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
  </HOLIDAYS>
</Params>
</SetHolidayMaintenance>
</Request>

```

Reply

Success

```

<Reply>
  <SetHolidayMaintenance>
    <STATUS>0</STATUS>

```

```

<Params>
  <STATUS>0</STATUS>
  <HOLIDAYMAINTENANCE>
    <DESCRIPTION>CANADIAN STAT HOLIDAYS1</DESCRIPTION>
    <SEQ_NO>44611</SEQ_NO>
    <ROWSTATE>UPDATE</ROWSTATE>
    <CALENDAR_CD>01CND</CALENDAR_CD>
  </HOLIDAYMAINTENANCE>
  <HOLIDAYS>
    <START_TIME />
    <EARNING_CD>REG</EARNING_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <rid>386ac070-9123-8bc0-bcc0-6044a6f6a716</rid>
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <eventData>ADD</eventData>
    <END_TIME />
    <HOURS>8</HOURS>
    <DESCRIPTION>test</DESCRIPTION>
    <SEQ_NO>72832</SEQ_NO>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
    <HOLIDAY_DT>20181108</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
  </HOLIDAYS>
  <HOLIDAYS>
    <START_TIME />
    <EARNING_CD>SICK</EARNING_CD>
    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <rid>09d97d63-64c6-594f-7c5c-015a4ef8e7b3</rid>
    <DEPT_GROUP />
    <CALENDAR_CD>01CND</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS>5</HOURS>
    <SEQ_NO>44612</SEQ_NO>
    <DESCRIPTION>New Year's Day</DESCRIPTION>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
    <HOLIDAY_DT>20180101</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
  </HOLIDAYS>
  <HOLIDAYS>
    <START_TIME />
    <EARNING_CD />
    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>

```



```

<rid>96c09c6f-9c8c-7724-b7f7-bb48db90b3c4</rid>
<DEPT_GROUP />
<CALENDAR_CD>01CND</CALENDAR_CD>
<CHARGE_CODE />
<ABBREVIATION />
<END_TIME />
<HOURS />
<SEQ_NO>44614</SEQ_NO>
<DESCRIPTION>Christmas Day</DESCRIPTION>
<rowConfig>
  <disabledConfig />
</rowConfig>
<HOLIDAY_DT>20181225</HOLIDAY_DT>
<EARNING_CD_LONG_DESCRIPTION />
</HOLIDAYS>
<HOLIDAYS>
  <START_TIME />
  <EARNING_CD />
  <CHARGE_CODE_DESCRIPTION />
  <TIME_OFF_YN>T</TIME_OFF_YN>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <rid>d3c3abe3-bf03-3baa-7bda-6d6840ba7ae6</rid>
  <DEPT_GROUP />
  <CALENDAR_CD>01CND</CALENDAR_CD>
  <CHARGE_CODE />
  <ABBREVIATION />
  <END_TIME />
  <HOURS />
  <SEQ_NO>44615</SEQ_NO>
  <DESCRIPTION>Boxing Day</DESCRIPTION>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
  <HOLIDAY_DT>20181226</HOLIDAY_DT>
  <EARNING_CD_LONG_DESCRIPTION />
</HOLIDAYS>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetHolidayMaintenance>
<pid>24344</pid>
<transNo>24</transNo>
</Reply>

```

Error

```

<Params>
  <HOLIDAYMAINTENANCE>
    <ROWSTATE>ADD</ROWSTATE>
    <CALENDAR_CD>MPT1</CALENDAR_CD>
    <DESCRIPTION>test</DESCRIPTION>

```



```

<ERRORS>
  <ERROR_FIELD>CALENDAR_CD</ERROR_FIELD>
  <ERROR_MESSAGE>Earning Code exist. Must be unique!</ERROR_MESSAGE>
</ERRORS>
</HOLIDAYMAINTENANCE>
<HOLIDAYS>
  <CALENDAR_CD>MPT1</CALENDAR_CD>
  <HOLIDAY_DT>20160101</HOLIDAY_DT>
  <DESCRIPTION>test</DESCRIPTION>
  <ABBREVIATION>test</ABBREVIATION>
  <EARNING_CD>REGULAR</EARNING_CD>
  <HOURS>8</HOURS>
  <DEPT_GROUP />
  <CHARGE_CODE />
</HOLIDAYS>
<STATUS>-1</STATUS>
<STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

SetUnitSpecificCalendar

The SetUnitSpecificCalendar is used to add or update a unit or resource-specific calendar from the Unit Maintenance Calendar tab or Resource Override Calendar tab.

Request

```

<Request>
  <SetUnitSpecificShift>
    <Params>
      <HOLIDAYS>
        <START_TIME />
        <EARNING_CD />
        <CHARGE_CODE_DESCRIPTION />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <DEPT_GROUP />
        <CALENDAR_CD>1CND</CALENDAR_CD>
        <CHARGE_CODE />
        <ABBREVIATION />
        <END_TIME />
        <HOURS />
        <SEQ_NO>44607</SEQ_NO>
        <DESCRIPTION>New Year's Day</DESCRIPTION>
        <HOLIDAY_DT>20180101</HOLIDAY_DT>
        <EARNING_CD_LONG_DESCRIPTION />
        <rid>80eda43a-f5f9-4b9e-1746-d72fd9632e3e</rid>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
      </HOLIDAYS>
    </Params>
  </SetUnitSpecificShift>
</Request>

```

```

<HOLIDAYS>
  <START_TIME />
  <EARNING_CD />
  <CHARGE_CODE_DESCRIPTION />
  <TIME_OFF_YN>T</TIME_OFF_YN>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <DEPT_GROUP />
  <CALENDAR_CD>1CND</CALENDAR_CD>
  <CHARGE_CODE />
  <ABBREVIATION />
  <END_TIME />
  <HOURS />
  <SEQ_NO>44609</SEQ_NO>
  <DESCRIPTION>Christmas Day</DESCRIPTION>
  <HOLIDAY_DT>20181225</HOLIDAY_DT>
  <EARNING_CD_LONG_DESCRIPTION />
  <rid>0d9610cc-caf1-4f71-ca26-d082da915dbe</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
</HOLIDAYS>
<HOLIDAYS>
  <START_TIME />
  <EARNING_CD />
  <CHARGE_CODE_DESCRIPTION />
  <TIME_OFF_YN>T</TIME_OFF_YN>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <DEPT_GROUP />
  <CALENDAR_CD>1CND</CALENDAR_CD>
  <CHARGE_CODE />
  <ABBREVIATION />
  <END_TIME />
  <HOURS />
  <SEQ_NO>44610</SEQ_NO>
  <DESCRIPTION>Boxing Day</DESCRIPTION>
  <HOLIDAY_DT>20181226</HOLIDAY_DT>
  <EARNING_CD_LONG_DESCRIPTION />
  <rid>c3eb7566-e6e8-0ef2-0408-6d04d0c0b139</rid>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
</HOLIDAYS>
<UNIT_ID>6010</UNIT_ID>
<SUBUNIT_ID>6011</SUBUNIT_ID>
<ROWSTATE>ADD</ROWSTATE>
</Params>
</SetUnitSpecificShift>
</Request>

```

Reply

Success

```
<Reply>
  <pid>23452</pid>
  <transNo>87</transNo>
  <SetUnitSpecificCalendar>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6010</UNIT_ID>
      <STATUS>0</STATUS>
      <SUBUNIT_ID>6011</SUBUNIT_ID>
      <ROWSTATE>ADD</ROWSTATE>
      <HOLIDAYS>
        <START_TIME />
        <EARNING_CD />
        <CHARGE_CODE_DESCRIPTION />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <rid>80eda43a-f5f9-4b9e-1746-d72fd9632e3e</rid>
        <DEPT_GROUP />
        <CALENDAR_CD>C72833</CALENDAR_CD>
        <CHARGE_CODE />
        <ABBREVIATION />
        <END_TIME />
        <HOURS />
        <SEQ_NO>72834</SEQ_NO>
        <DESCRIPTION>New Year's Day</DESCRIPTION>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <HOLIDAY_DT>20180101</HOLIDAY_DT>
        <EARNING_CD_LONG_DESCRIPTION />
      </HOLIDAYS>
      <HOLIDAYS>
        <START_TIME />
        <EARNING_CD />
        <CHARGE_CODE_DESCRIPTION />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <rid>0d9610cc-caf1-4f71-ca26-d082da915dbe</rid>
        <DEPT_GROUP />
        <CALENDAR_CD>C72833</CALENDAR_CD>
        <CHARGE_CODE />
        <ABBREVIATION />
        <END_TIME />
        <HOURS />
        <SEQ_NO>72835</SEQ_NO>
        <DESCRIPTION>Christmas Day</DESCRIPTION>
        <rowConfig>
```

```

        <disabledConfig />
    </rowConfig>
    <HOLIDAY_DT>20181225</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
</HOLIDAYS>
<HOLIDAYS>
    <START_TIME />
    <EARNING_CD />
    <CHARGE_CODE_DESCRIPTION />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <rid>c3eb7566-e6e8-0ef2-0408-6d04d0c0b139</rid>
    <DEPT_GROUP />
    <CALENDAR_CD>C72833</CALENDAR_CD>
    <CHARGE_CODE />
    <ABBREVIATION />
    <END_TIME />
    <HOURS />
    <SEQ_NO>72836</SEQ_NO>
    <DESCRIPTION>Boxing Day</DESCRIPTION>
    <rowConfig>
        <disabledConfig />
    </rowConfig>
    <HOLIDAY_DT>20181226</HOLIDAY_DT>
    <EARNING_CD_LONG_DESCRIPTION />
</HOLIDAYS>
    <STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetUnitSpecificCalendar>
</Reply>

```

Error

```

<Params>
    <ROWSTATE>ADD</ROWSTATE>
    <UNIT_ID />
    <SUBUNIT_ID />
    <HOLIDAYMAINTENANCE>
        <ROWSTATE>ADD</ROWSTATE>
        <CALENDAR_CD>MPT1</CALENDAR_CD>
        <DESCRIPTION>test</DESCRIPTION>
        <ERRORS>
            <ERROR_FIELD>CALENDAR_CD</ERROR_FIELD>
            <ERROR_MESSAGE>Earning Code exist. Must be unique!</ERROR_MESSAGE>
        </ERRORS>
    </HOLIDAYMAINTENANCE>
    <HOLIDAYS>
        <CALENDAR_CD>MPT1</CALENDAR_CD>
        <HOLIDAY_DT>20160101</HOLIDAY_DT>
        <DESCRIPTION>test</DESCRIPTION>
    </HOLIDAYS>

```

```

    <ABBREVIATION>test</ABBREVIATION>
    <EARNING_CD>REGULAR</EARNING_CD>
    <HOURS>8</HOURS>
    <DEPT_GROUP />
    <CHARGE_CODE />
  </HOLIDAYS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

Pay Types APIs

- [DeletePayType](#)
- [FindActivePayTypes](#)
- [GetPayType](#)
- [GetPayTypeGroups](#)
- [GetPayTypeReasons](#)
- [SetPayTypeMaintenance](#)

DeletePayType

The DeletePayType API is used to delete a record from the Pay Type Maintenance screen.

Request

```

<Request>
  <DeletePayType>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </DeletePayType>
</Request>

```

Reply

Success

```

<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>

```

Error

```

<Params>

```

```
<STATUS></STATUS>
<STATUS_DESC></STATUS_DESC>
</Params>
```

FindActivePayTypes

The FindActivePayTypes API can be used for retrieving all active Pay Types or for searching for a specific Pay Type.

Request

```
<Request>
  <FindActivePayTypes>
    <Params>
      <EARNING_CD></EARNING_CD>
      <FROM_ROW></FROM_ROW>
      <TO_ROW></TO_ROW>
    </Params>
  </FindActivePayTypes>
</Request>
```

Parameters

EARNING_CD Pay Type to be searched for; If no Pay Type is sent as request you will receive a list of all the Pay Types that are active.

FROM_ROW/TO_ROW Pagination parameters; If no value is sent or parameters are omitted you will receive a list of all Pay Types that are active.

Reply

Success

```
<Params>
  <ROW>
    <EARNING_CD>EACD0494</EARNING_CD>
    <DESCRIPTION>description number</DESCRIPTION>
  </ROW>
  <ROW>
    <EARNING_CD>EACD0184</EARNING_CD>
    <DESCRIPTION>description number</DESCRIPTION>
  </ROW>
  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
```

Error

With No "FROM_ROW/TO_ROW" parameters

```

    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>No record found</STATUS_DESC>
    </Params>

```

A search with "FROM_ROW/TO_ROW" parameters

```

<Params>
    <STATUS>-1</STATUS>
    <STATUS_DESC>"Retrieve not successful; No row(s) match query
profile."</STATUS_DESC>
</Params>

```

GetPayType

The GetPayType API is used to retrieve data for Pay Type in the General Tab from the Pay Type Maintenance screen.

Request

```

<Request>
  <GetPayType>
    <Params>
      <SEQ_NO>7435</SEQ_NO>
    </Params>
  </GetPayType>
</Request>

```

Reply

Success

```

<Params>
  <SEQ_NO>7435</SEQ_NO>
  <EARNING_CD>EACB02</EARNING_CD>
  <DESCRIPTION>devds</DESCRIPTION>
  <ABBREVIATION>abbr</ABBREVIATION>
  <EARNING_CATEGORY>120</EARNING_CATEGORY>
  <EARNING_CATEGORY_DESCRIPTION />
  <PA_EARNING_CODE>5</PA_EARNING_CODE>
  <PA_EARNING_CODE_DESCRIPTION>COMPENSATORY TIME TAKEN</PA_EARNING_CODE_DESCRIPTION>
  <MAX_DAILY_HOURS>14</MAX_DAILY_HOURS>
  <MIN_DAILY_HOURS>12</MIN_DAILY_HOURS>
  <MAX_PERIOD_HOURS>15</MAX_PERIOD_HOURS>
  <EARNING_SORT_CODE>10</EARNING_SORT_CODE>
  <COLUMN_SEQ>100</COLUMN_SEQ>

```



```

    <MAX_EVENT_HOURS />
    <MAX_SCHEDULE_PERIOD_HOURS />
    <LONG_DESCRIPTION />
    <ACTIVE_YN />
    <STATUS>0</STATUS>
    <STATUS_DESC>Record found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetPayTypeGroups

The GetPayTypeGroups API is used to retrieve data for Groups and restrictions in the Groups and Restrictions Tab from Pay Type Maintenance screen.

Request

```

<Request>
  <GetPayTypeGroups>
    <Params>
      <EARNING_CD>EACB01</EARNING_CD>
    </Params>
  </GetPayTypeGroups>
</Request>

```

Reply

Success

```

<Params>
  <EMPLOYEE_ENTERED_YN />
  <REASON_REQUIRED_YN />
  <ATTACHMENT_REQUIRED_YN />
  <AUTO_APPROVE_YN />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  <GROUPS>
    <SEQ_NO>23256</SEQ_NO>
    <GROUP_CD>1088</GROUP_CD>
    <GROUP_DESCRIPTION>sworn officers</GROUP_DESCRIPTION>
  </GROUPS>
  <GROUPS>

```

```

    <SEQ_NO>23257</SEQ_NO>
    <GROUP_CD>1</GROUP_CD>
    <GROUP_DESCRIPTION>FIRE FIGHTERS</GROUP_DESCRIPTION>
  </GROUPS>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetPayTypeReasons

The GetPayTypeReasons API is used to retrieve data for reasons in the Reasons Tab from Pay Type Maintenance screen.

Request

```

<Request>
  <GetPayTypeReasons>
    <Params>
      <EARNING_CD>EACB01</EARNING_CD>
    </Params>
  </GetPayTypeReasons>
</Request>

```

REASON_CD parameter is optional. It is used to search for reasons.

Reply

Success

```

<Params>
  <ROW>
    <SEQ_NO>23254</SEQ_NO>
    <REASON_CD>PERSONAL</REASON_CD>
    <DESCRIPTION>Personal reason</DESCRIPTION>
  </ROW>
  <ROW>
    <SEQ_NO>23255</SEQ_NO>
    <REASON_CD>RSN_01</REASON_CD>
    <DESCRIPTION>Absence reason 1</DESCRIPTION>

```

```

</ROW>
<STATUS>0</STATUS>
<STATUS_DESC>Record found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetPayTypeMaintenance

The SetPayTypeMaintenance API is used to add or update a pay type record.

Request

```

<Request>
  <SetPayTypeMaintenance>
    <Params>
      <PAYTYPE>
        <ROWSTATE>ADD</ROWSTATE>
        <ABBREVIATION>MP</ABBREVIATION>
        <COLUMN_SEQ />
        <ACTIVE_YN />
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <DESCRIPTION>mptets</DESCRIPTION>
        <EARNING_CATEGORY>0</EARNING_CATEGORY>
        <EARNING_CATEGORY_DESCRIPTION>REGULAR</EARNING_CATEGORY_DESCRIPTION>
        <EARNING_CD>mpt1</EARNING_CD>
        <EARNING_SORT_CODE />
        <MAX_DAILY_HOURS />
        <MAX_PERIOD_HOURS />
        <MIN_DAILY_HOURS />
        <PA_EARNING_CODE>0</PA_EARNING_CODE>
        <PA_EARNING_CODE_DESCRIPTION>REGULAR EARNINGS</
PA_EARNING_CODE_DESCRIPTION>
      </PAYTYPE>
      <GROUPSRESTRICTIONS>
        <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
        <EMPLOYEE_ENTERED_YN>F</EMPLOYEE_ENTERED_YN>
        <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
        <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
        <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
        <GROUPS>
          <ROWSTATE>ADD</ROWSTATE>
          <GROUP_CD>2</GROUP_CD>

```

```

        </GROUPS>
    </GROUPSRESTRICTIONS>
    <REASONS>
        <ROWSTATE>ADD</ROWSTATE>
        <REASON_CD>PERSONAL</REASON_CD>
        <DESCRIPTION>Personal Reason</DESCRIPTION>
    </REASONS>
</Params>
</SetPayTypeMaintenance>
</Request>

```

TAG SEQ_NO is optional. When is not present this means that the record is added; when it is present and has value, that means that the record is updated.

Reply

Success

```

<Params>
    <PAYTYPE>
        <ROWSTATE>ADD</ROWSTATE>
        <ABBREVIATION>MP</ABBREVIATION>
        <COLUMN_SEQ />
        <ACTIVE_YN />
        <DESCRIPTION>mptets</DESCRIPTION>
        <EARNING_CATEGORY>0</EARNING_CATEGORY>
        <EARNING_CATEGORY_DESCRIPTION>REGULAR</EARNING_CATEGORY_DESCRIPTION>
        <EARNING_CD>mpt1</EARNING_CD>
        <EARNING_SORT_CODE />
        <MAX_DAILY_HOURS />
        <MAX_PERIOD_HOURS />
        <MIN_DAILY_HOURS />
        <PA_EARNING_CODE>0</PA_EARNING_CODE>
        <PA_EARNING_CODE_DESCRIPTION>REGULAR EARNINGS</PA_EARNING_CODE_DESCRIPTION>
        <SEQ_NO>12906</SEQ_NO>
    </PAYTYPE>
    <GROUPSRESTRICTIONS>
        <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
        <EMPLOYEE_ENTERED_YN>F</EMPLOYEE_ENTERED_YN>
        <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
        <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
        <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
        <GROUPS>
            <ROWSTATE>ADD</ROWSTATE>
            <GROUP_CD>2</GROUP_CD>
            <EARNING_CD>mpt1</EARNING_CD>
            <SEQ_NO>12907</SEQ_NO>
        </GROUPS>
    </GROUPSRESTRICTIONS>
    <REASONS>

```

```

    <ROWSTATE>ADD</ROWSTATE>
    <REASON_CD>PERSONAL</REASON_CD>
    <DESCRIPTION>Personal Reason</DESCRIPTION>
    <EARNING_CD>mpt1</EARNING_CD>
    <SEQ_NO>12908</SEQ_NO>
  </REASONS>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <PAYTYPE>
    <ROWSTATE>ADD</ROWSTATE>
    <ABBREVIATION>MP</ABBREVIATION>
    <COLUMN_SEQ />
    <ACTIVE_YN />
    <DESCRIPTION>mptets</DESCRIPTION>
    <EARNING_CATEGORY>0</EARNING_CATEGORY>
    <EARNING_CATEGORY_DESCRIPTION>REGULAR</EARNING_CATEGORY_DESCRIPTION>
    <EARNING_CD>mpt1</EARNING_CD>
    <EARNING_SORT_CODE />
    <MAX_DAILY_HOURS />
    <MAX_PERIOD_HOURS />
    <MIN_DAILY_HOURS />
    <PA_EARNING_CODE>0</PA_EARNING_CODE>
    <PA_EARNING_CODE_DESCRIPTION>REGULAR EARNINGS</PA_EARNING_CODE_DESCRIPTION>
    <ERRORS>
      <ERROR_FIELD>EARNING_CD</ERROR_FIELD>
      <ERROR_MESSAGE>Earning Code exist. Must be unique!</ERROR_MESSAGE>
    </ERRORS>
  </PAYTYPE>
  <GROUPSRESTRICTIONS>
    <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
    <EMPLOYEE_ENTERED_YN>F</EMPLOYEE_ENTERED_YN>
    <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <GROUPS>
      <ROWSTATE>ADD</ROWSTATE>
      <GROUP_CD>2</GROUP_CD>
      <EARNING_CD>mpt1</EARNING_CD>
      <SEQ_NO>12910</SEQ_NO>
    </GROUPS>
  </GROUPSRESTRICTIONS>
  <REASONS>
    <ROWSTATE>ADD</ROWSTATE>
    <REASON_CD>PERSONAL</REASON_CD>
    <DESCRIPTION>Personal Reason</DESCRIPTION>
    <EARNING_CD>mpt1</EARNING_CD>

```

```

    <SEQ_NO>12911</SEQ_NO>
  </REASONS>
  <ERRORS />
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

Schedule Period APIs

- [GetSchedulePeriods](#)
- [SetSchedulePeriodMaintenance](#)

GetSchedulePeriods

The GetSchedulePeriod API is used to retrieve records from the Schedule Period Maintenance screen.

Request

```

<Request>
  <GetSchedulePeriods>
    <Params />
  </GetSchedulePeriods>
</Request>

```

Reply

Success

```

<Params>
  <ROW>
    <SEQ_NO>1</SEQ_NO>
    <DESCRIPTION>testDescription</DESCRIPTION>
    <EFD_EXPIRY_DT>20170505</EFD_EXPIRY_DT>
    <EFD_START_DT>20170501</EFD_START_DT>
    <AVAILABLE_YN>T</AVAILABLE_YN>
  </ROW>
  <STATUS>0</STATUS>
  <STATUS_DESC>One record found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetSchedulePeriodMaintenance

The SetSchedulePeriodMaintenance API is used to add/update/delete a Schedule Period.

Request

```
<Request>
  <SetSchedulePeriodMaintenance>
    <Params>
      <SCHEDULEPERIOD>
        <ROWSTATE>ADD</ROWSTATE>
        <EFD_EXPIRY_DT>20170515</EFD_EXPIRY_DT>
        <EFD_START_DT>20170513</EFD_START_DT>
        <DESCRIPTION>ForSaveAll</DESCRIPTION>
        <AVAILABLE_YN>T</AVAILABLE_YN>
      </SCHEDULEPERIOD>
    </Params>
  </SetSchedulePeriodMaintenance>
</Request>
```

Reply

Success

```
<Params>
  <SCHEDULEPERIOD>
    <ROWSTATE>ADD</ROWSTATE>
    <EFD_EXPIRY_DT>20170515</EFD_EXPIRY_DT>
    <EFD_START_DT>20170513</EFD_START_DT>
    <DESCRIPTION>ForSaveAll</DESCRIPTION>
    <AVAILABLE_YN>T</AVAILABLE_YN>
    <SEQ_NO>9920</SEQ_NO>
  </SCHEDULEPERIOD>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <SCHEDULEPERIOD>
    <ROWSTATE>ADD</ROWSTATE>
    <EFD_EXPIRY_DT>20170515</EFD_EXPIRY_DT>
    <EFD_START_DT>20170513</EFD_START_DT>
    <DESCRIPTION>ForSaveAll</DESCRIPTION>
    <AVAILABLE_YN>T</AVAILABLE_YN>
    <SEQ_NO>9921</SEQ_NO>
```

```
<ERRORS>
  <ERROR_FIELD>EFD_EXPIRY_DT</ERROR_FIELD>
  <ERROR_MESSAGE>Given period is already included in an existing Schedule
Period!</ERROR_MESSAGE>
</ERRORS>
</SCHEDULEPERIOD>
<STATUS>-1</STATUS>
<STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

Shift Maintenance APIs

Children display:

- [DeleteAllShiftsForSchedulePeriod](#)
- [DeleteShiftForAllSchedPeriods](#)
- [GetDaysInCycle](#)
- [GetPayTypesByDay](#)
- [GetSpecificShifts](#)
- [GetTimecardShiftDetails](#)
- [PublishSpecificShift](#)
- [SetShiftMaintenance](#)
- [SetUnitSpecificShift](#)

Standard Shift Maintenance - Cayenta - Dataset - FY15 - sfg - Internet Explorer

File View Actions Tools Admin Help

1 of 1

Shift Code >>

Description TE310M

Effective Start End

Days in Cycle

Day In Cycle Day Off ☐

Comments

TE311M

Earning Code >> Assignment Code Posting Code EQ1111 >> Start Time End Time Hours

TE312M

1 of 1

DeleteAllShiftsForSchedulePeriod

The DeleteAllShiftsForSchedulePeriod API is used in the Shift Maintenance screen when a period is selected. The API will delete all the inactive shifts from that period.

Request

```
<Request>
  <DeleteAllShiftsForSchedulePeriod>
    <Params>
      <SCHEDULE_SEQ_NO><SCHEDULE_SEQ_NO/>
    </Params>
  </DeleteAllShiftsForSchedulePeriod>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>n records deleted!</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

DeleteShiftForAllSchedPeriods

The DeleteShiftForAllSchedPeriods API is used for deleting a Shift, by Shift Code, for all Schedule Periods so that it is no longer used.

Request

```
<Request>
<DeleteShiftForAllSchedPeriods>
  <Params>
    <SHIFT_CD></SHIFT_CD>
  </Params>
</DeleteShiftForAllSchedPeriods>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>2 records deleted!</STATUS_DESC>
</Params>
```

Error

```
<Params>
```

```
<STATUS></STATUS>
<STATUS_DESC></STATUS_DESC>
</Params>
```

GetDaysInCycle

The GetDaysInCycle API is used to get all available days for a Shift.

Request

```
<Request>
  <GetDaysInCycle>
    <Params>
      <SHIFT_CD></SHIFT_CD>
      <EFD_START_DT></EFD_START_DT>
      <EFD_EXPIRY_DT></EFD_EXPIRY_DT>
    </Params>
  </GetDaysInCycle>
</Request>
```

Reply

Success

```
<Params>
  <SHIFT_CD>FDT</SHIFT_CD>
  <DAY>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47070</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <DAY>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47072</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <DAY>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>3</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47074</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
```

```

    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <DAY>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>4</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47076</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <DAY>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>5</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47078</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <DAY>
    <DAY_OFF_YN>T</DAY_OFF_YN>
    <DAY_IN_CYCLE>6</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47080</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <DAY>
    <DAY_OFF_YN>T</DAY_OFF_YN>
    <DAY_IN_CYCLE>7</DAY_IN_CYCLE>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <SEQ_NO>47081</SEQ_NO>
    <DAILY_MAX></DAILY_MAX>
    <DAILY_MIN></DAILY_MIN>
  </DAY>
  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

Request Parameters

Parameter	Required	Format	Description
-----------	----------	--------	-------------

SHIFT_CD	TBD	C	Shift Code Contains parameters pertaining to shift maintenance and information for the Shift header.
EFD_START_DT	TBD	YYYYMMDD	Start Date
EFD_EXPIRY_DT	TBD	YYYYMMDD	Expiry Date

Reply Parameters

Top Levels

Parameter	Format	Description
DAY	Collection	Day Contains parameters pertaining to the day in the shift cycle.
STATUS	N	Status Code
STATUS_DESC	C	Status Description Indicates any error messages.

Day Collection

Parameter	Format	Description
DAY_OFF_YN	C	Day Off
DAY_IN_CYCLE	N	Day in the Cycle
ROWSTATE	C	Row State

SEQ_NO	N	Sequence Number
DAILY_MAX	N(10,2)	Daily Maximum Max daily hours override (TE311M.DAILY_MAX)
DAILY_MIN	N(10,2)	Daily Minimum Min daily hours override (TE311M.DAILY_MIN)

GetPayTypesByDay

The GetPayTypesByDay API is used to get all available pay types in the given day.

Request

```
<Request>
  <GetPayTypesByDay>
    <Params>
      <SEQ_NO>14_DAY</SEQ_NO>
    </Params>
  </GetPayTypesByDay>
</Request>
```

Reply

Success

```
<Params>
  <SHIFT_CD/>
  <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
  <COMMENTS/>
  <SEQ_NO>47070</SEQ_NO>
  <DAY_OFF_YN>F</DAY_OFF_YN>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <PAYTYPE>
    <EARNING_CD>MAY19R</EARNING_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE/>
    <DEPT_GROUP/>
    <SEQ_NO>47071</SEQ_NO>
    <DESCRIPTION/>
    <FTE_CATEGORY/>
    <TIME_OFF_YN>T</TIME_OFF_YN>
```

```

<ASSIGNMENT_CD/>
<CHARGE_CODE_DESCRIPTION/>
<START_TIME/>
<END_TIME/>
<HOURS>8</HOURS>
</PAYTYPE>
<STATUS>0</STATUS>
<STATUS_DESC>One record found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetSpecificShifts

The GetSpecificShifts API is used in the Unit Maintenance screen when selecting the Shift Calendar tab.

Request

```

<Request>
  <GetSpecificShifts>
    <Params>
      <UNIT_ID>1</UNIT_ID>
      <SUBUNIT_ID>1</SUBUNIT_ID>
      <SCHEDULE_SEQ_NO>1</SCHEDULE_SEQ_NO>
    </Params>
  </GetSpecificShifts>
</Request>

```

Reply

Success

```

<Params>
  <ROW>
    <SEQ_NO></SEQ_NO>
    <SHIFT_CD></SHIFT_CD>
    <DESCRIPTION></DESCRIPTION>
    <EFD_EXPIRY_DT></EFD_EXPIRY_DT>
    <EFD_START_DT></EFD_START_DT>
  </ROW>
  <ROW>

```

```

    <SEQ_NO">/SEQ_NO>
    <SHIFT_CD></SHIFT_CD>
    <DESCRIPTION></DESCRIPTION>
    <EFD_EXPIRY_DT></EFD_EXPIRY_DT>
    <EFD_START_DT></EFD_START_DT>
  </ROW>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetTimecardShiftDetails

The GetTimecardShiftDetails API returns all the unit/sub-unit combinations of specific employee within its shifts and holidays.

Request

```

<Request>
  <GetTimecardShiftDetails>
    <Params>
      <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
    </Params>
  </GetTimecardShiftDetails>
</Request>

```

Reply

Success

```

<Params>
  <AVG_EMPLOYEE_HOURS>8</AVG_EMPLOYEE_HOURS>
  <UNITS>
    <UNIT_ID>6000</UNIT_ID>
    <SUBUNIT_ID>01</SUBUNIT_ID>
    <WEEK_START>3</WEEK_START>
    <HOLIDAY />
    <HOLIDAY>
      <EARNING_CD>HOLIDAY</EARNING_CD>
      <CHARGE_CODE />
      <DESCRIPTION>hol2</DESCRIPTION>
      <ABBREVIATION />
    </HOLIDAY>
  </UNITS>

```



```

    <HOLIDAY_DT>20190807</HOLIDAY_DT>
    <HOLIDAY_HOURS>6</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>holidaynov</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20191105</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>ttt</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20191016</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>sdfdds</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20190821</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>fded</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20190813</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>hol</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20180920</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />

```

```

    <DESCRIPTION>hol2</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20190807</HOLIDAY_DT>
    <HOLIDAY_HOURS>6</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
  </HOLIDAY>
  <HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>holidaynov</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20191105</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
  </HOLIDAY>
  <HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>ttt</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20191016</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
  </HOLIDAY>
  <HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>sdfds</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20190821</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
  </HOLIDAY>
  <HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>fded</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20190813</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
  </HOLIDAY>
  <HOLIDAY>
    <EARNING_CD>HOLIDAY</EARNING_CD>
    <CHARGE_CODE />
    <DESCRIPTION>hol</DESCRIPTION>
    <ABBREVIATION />
    <HOLIDAY_DT>20180920</HOLIDAY_DT>
    <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
    <TIME_OFF_YN>F</TIME_OFF_YN>
  </HOLIDAY>
  <MEMBER_DATES>

```

```

    <MEMBER_START_DT>18-NOV-19</MEMBER_START_DT>
    <MEMBER_END_DT>31-DEC-99</MEMBER_END_DT>
  </MEMBER_DATES>
  <MEMBER_DATES>
    <MEMBER_START_DT>24-APR-19</MEMBER_START_DT>
    <MEMBER_END_DT>16-NOV-19</MEMBER_END_DT>
  </MEMBER_DATES>
  <SHIFT>
    <START_DATE>20160626</START_DATE>
    <END_DATE>99991231</END_DATE>
    <SHIFT_TYPE />
    <SHIFT_CD>MPT</SHIFT_CD>
    <CYCLE_DAYS>7</CYCLE_DAYS>
    <DAYS>
      <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
      <TOTAL_HOURS>8</TOTAL_HOURS>
      <DAY_OFF>F</DAY_OFF>
      <PAYTYPES>
        <PAYTYPE>0001CP</PAYTYPE>
        <CHARGE_CODE />
        <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
        <FTE_CATEGORY />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
        <START_TIME>09:00</START_TIME>
        <END_TIME>17:00</END_TIME>
      </PAYTYPES>
    </DAYS>
    <DAYS>
      <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
      <TOTAL_HOURS>8</TOTAL_HOURS>
      <DAY_OFF>F</DAY_OFF>
      <PAYTYPES>
        <PAYTYPE>0001CP</PAYTYPE>
        <CHARGE_CODE />
        <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
        <FTE_CATEGORY />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
      </PAYTYPES>
      <PAYTYPES>
        <PAYTYPE>BREAK</PAYTYPE>
        <CHARGE_CODE />
        <ASSIGNMENT_CODE />
        <FTE_CATEGORY />
        <TIME_OFF_YN>F</TIME_OFF_YN>
        <PAYTYPE_HOURS />
      </PAYTYPES>
    </DAYS>
  </DAYS>
  <DAYS>
    <DAY_IN_CYCLE>3</DAY_IN_CYCLE>
    <TOTAL_HOURS>8</TOTAL_HOURS>

```

```

<DAY_OFF>F</DAY_OFF>
<PAYTYPES>
  <PAYTYPE>0001CP</PAYTYPE>
  <CHARGE_CODE />
  <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
  <FTE_CATEGORY />
  <TIME_OFF_YN>T</TIME_OFF_YN>
  <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
</PAYTYPES>
<PAYTYPES>
  <PAYTYPE>BREAK</PAYTYPE>
  <CHARGE_CODE />
  <ASSIGNMENT_CODE />
  <FTE_CATEGORY />
  <TIME_OFF_YN>F</TIME_OFF_YN>
  <PAYTYPE_HOURS />
</PAYTYPES>
</DAYS>
<DAYS>
  <DAY_IN_CYCLE>4</DAY_IN_CYCLE>
  <TOTAL_HOURS>8</TOTAL_HOURS>
  <DAY_OFF>F</DAY_OFF>
  <PAYTYPES>
    <PAYTYPE>0001CP</PAYTYPE>
    <CHARGE_CODE />
    <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
    <FTE_CATEGORY />
    <TIME_OFF_YN>T</TIME_OFF_YN>
    <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
  </PAYTYPES>
  <PAYTYPES>
    <PAYTYPE>BREAK</PAYTYPE>
    <CHARGE_CODE />
    <ASSIGNMENT_CODE />
    <FTE_CATEGORY />
    <TIME_OFF_YN>F</TIME_OFF_YN>
    <PAYTYPE_HOURS />
  </PAYTYPES>
</DAYS>
<DAYS>
  <DAY_IN_CYCLE>5</DAY_IN_CYCLE>
  <TOTAL_HOURS>8</TOTAL_HOURS>
  <DAY_OFF>F</DAY_OFF>
  <PAYTYPES>
    <PAYTYPE>BREAK</PAYTYPE>
    <CHARGE_CODE />
    <ASSIGNMENT_CODE />
    <FTE_CATEGORY />
    <TIME_OFF_YN>F</TIME_OFF_YN>
    <PAYTYPE_HOURS />
  </PAYTYPES>
<PAYTYPES>

```

```

        <PAYTYPE>0001CP</PAYTYPE>
        <CHARGE_CODE />
        <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
        <FTE_CATEGORY />
        <TIME_OFF_YN>T</TIME_OFF_YN>
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
    </PAYTYPES>
</DAYS>
<DAYS>
    <DAY_IN_CYCLE>6</DAY_IN_CYCLE>
    <TOTAL_HOURS>0</TOTAL_HOURS>
    <DAY_OFF>T</DAY_OFF>
    <PAYTYPES>
        <PAYTYPE />
        <CHARGE_CODE />
        <ASSIGNMENT_CODE />
        <FTE_CATEGORY />
        <TIME_OFF_YN />
        <PAYTYPE_HOURS />
    </PAYTYPES>
</DAYS>
<DAYS>
    <DAY_IN_CYCLE>7</DAY_IN_CYCLE>
    <TOTAL_HOURS>0</TOTAL_HOURS>
    <DAY_OFF>T</DAY_OFF>
    <PAYTYPES>
        <PAYTYPE />
        <CHARGE_CODE />
        <ASSIGNMENT_CODE />
        <FTE_CATEGORY />
        <TIME_OFF_YN />
        <PAYTYPE_HOURS />
    </PAYTYPES>
</DAYS>
</SHIFT>
</UNITS>
<UNITS>
    <UNIT_ID>Corint</UNIT_ID>
    <SUBUNIT_ID />
    <WEEK_START>1</WEEK_START>
    <HOLIDAY />
    <MEMBER_DATES>
        <MEMBER_START_DT>05-APR-17</MEMBER_START_DT>
        <MEMBER_END_DT>31-DEC-99</MEMBER_END_DT>
    </MEMBER_DATES>
    <SHIFT>NO SHIFT</SHIFT>
</UNITS>
<UNITS>
    <UNIT_ID>RLSUnit</UNIT_ID>
    <SUBUNIT_ID />
    <WEEK_START>1</WEEK_START>
    <HOLIDAY />

```

```

<HOLIDAY>
  <EARNING_CD>HOLIDAY</EARNING_CD>
  <CHARGE_CODE />
  <DESCRIPTION>National Day</DESCRIPTION>
  <ABBREVIATION />
  <HOLIDAY_DT>20190729</HOLIDAY_DT>
  <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
  <TIME_OFF_YN>F</TIME_OFF_YN>
</HOLIDAY>
<MEMBER_DATES>
  <MEMBER_START_DT>02-JAN-17</MEMBER_START_DT>
  <MEMBER_END_DT>31-DEC-99</MEMBER_END_DT>
</MEMBER_DATES>
<SHIFT>
  <START_DATE>20170306</START_DATE>
  <END_DATE>99991231</END_DATE>
  <SHIFT_TYPE />
  <SHIFT_CD>RlsShift</SHIFT_CD>
  <CYCLE_DAYS>7</CYCLE_DAYS>
  <DAYS>
    <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
    <TOTAL_HOURS>8</TOTAL_HOURS>
    <DAY_OFF>F</DAY_OFF>
    <PAYTYPES>
      <PAYTYPE>crc2</PAYTYPE>
      <CHARGE_CODE />
      <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
      <FTE_CATEGORY>PM</FTE_CATEGORY>
      <TIME_OFF_YN>F</TIME_OFF_YN>
      <PAYTYPE_HOURS>6</PAYTYPE_HOURS>
      <START_TIME>12:00</START_TIME>
      <END_TIME>18:00</END_TIME>
    </PAYTYPES>
    <PAYTYPES>
      <PAYTYPE>crc2</PAYTYPE>
      <CHARGE_CODE />
      <ASSIGNMENT_CODE>SUB</ASSIGNMENT_CODE>
      <FTE_CATEGORY>AM</FTE_CATEGORY>
      <TIME_OFF_YN>F</TIME_OFF_YN>
      <PAYTYPE_HOURS>2</PAYTYPE_HOURS>
      <START_TIME>08:00</START_TIME>
      <END_TIME>10:00</END_TIME>
    </PAYTYPES>
  </DAYS>
  <DAYS>
    <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
    <TOTAL_HOURS>8</TOTAL_HOURS>
    <DAY_OFF>F</DAY_OFF>
    <PAYTYPES>
      <PAYTYPE>crc1</PAYTYPE>
      <CHARGE_CODE>CM10</CHARGE_CODE>
      <ASSIGNMENT_CODE />

```

```

        <FTE_CATEGORY />
        <TIME_OFF_YN />
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
        <END_TIME>00:00</END_TIME>
    </PAYTYPES>
</DAYS>
<DAYS>
    <DAY_IN_CYCLE>3</DAY_IN_CYCLE>
    <TOTAL_HOURS>8</TOTAL_HOURS>
    <DAY_OFF>F</DAY_OFF>
    <PAYTYPES>
        <PAYTYPE>crc1</PAYTYPE>
        <CHARGE_CODE>CM10</CHARGE_CODE>
        <ASSIGNMENT_CODE />
        <FTE_CATEGORY />
        <TIME_OFF_YN />
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
        <END_TIME>00:00</END_TIME>
    </PAYTYPES>
</DAYS>
<DAYS>
    <DAY_IN_CYCLE>4</DAY_IN_CYCLE>
    <TOTAL_HOURS>8</TOTAL_HOURS>
    <DAY_OFF>F</DAY_OFF>
    <PAYTYPES>
        <PAYTYPE>crc1</PAYTYPE>
        <CHARGE_CODE>CM10</CHARGE_CODE>
        <ASSIGNMENT_CODE />
        <FTE_CATEGORY />
        <TIME_OFF_YN />
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
        <END_TIME>00:00</END_TIME>
    </PAYTYPES>
</DAYS>
<DAYS>
    <DAY_IN_CYCLE>5</DAY_IN_CYCLE>
    <TOTAL_HOURS>8</TOTAL_HOURS>
    <DAY_OFF>F</DAY_OFF>
    <PAYTYPES>
        <PAYTYPE>crc1</PAYTYPE>
        <CHARGE_CODE>CM10</CHARGE_CODE>
        <ASSIGNMENT_CODE />
        <FTE_CATEGORY />
        <TIME_OFF_YN />
        <PAYTYPE_HOURS>8</PAYTYPE_HOURS>
        <END_TIME>00:00</END_TIME>
    </PAYTYPES>
</DAYS>
<DAYS>
    <DAY_IN_CYCLE>6</DAY_IN_CYCLE>
    <TOTAL_HOURS>0</TOTAL_HOURS>
    <DAY_OFF>T</DAY_OFF>

```

```

        <PAYTYPES>
            <PAYTYPE />
            <CHARGE_CODE />
            <ASSIGNMENT_CODE />
            <FTE_CATEGORY />
            <TIME_OFF_YN />
            <PAYTYPE_HOURS />
        </PAYTYPES>
    </DAYS>
    <DAYS>
        <DAY_IN_CYCLE>7</DAY_IN_CYCLE>
        <TOTAL_HOURS>0</TOTAL_HOURS>
        <DAY_OFF>T</DAY_OFF>
        <PAYTYPES>
            <PAYTYPE />
            <CHARGE_CODE />
            <ASSIGNMENT_CODE />
            <FTE_CATEGORY />
            <TIME_OFF_YN />
            <PAYTYPE_HOURS />
        </PAYTYPES>
    </DAYS>
</SHIFT>
</UNITS>
<UNITS>
    <UNIT_ID>Rlsunit1</UNIT_ID>
    <SUBUNIT_ID />
    <WEEK_START>1</WEEK_START>
    <HOLIDAY />
    <HOLIDAY>
        <EARNING_CD>HOLIDAY</EARNING_CD>
        <CHARGE_CODE />
        <DESCRIPTION>National Day</DESCRIPTION>
        <ABBREVIATION />
        <HOLIDAY_DT>20190729</HOLIDAY_DT>
        <HOLIDAY_HOURS>8</HOLIDAY_HOURS>
        <TIME_OFF_YN>F</TIME_OFF_YN>
    </HOLIDAY>
    <MEMBER_DATES>
        <MEMBER_START_DT>05-APR-17</MEMBER_START_DT>
        <MEMBER_END_DT>31-DEC-99</MEMBER_END_DT>
    </MEMBER_DATES>
    <SHIFT>NO SHIFT</SHIFT>
</UNITS>
<STATUS>4</STATUS>
<STATUS_DESC>Multiple rows found</STATUS_DESC>
</Params>

```

Error

```
<Params>
```



```
<STATUS></STATUS>
<STATUS_DESC></STATUS_DESC>
</Params>
```

PublishSpecificShift

The PublishSpecificShift API is used to publish a specific Shift in the Unit Maintenance screen or Resource Override screen.

Request

```
<PublishSpecificShift>
  <Params>
    <SEQ_NO></SEQ_NO>
    <SHIFT_CD></SHIFT_CD>
    <DESCRIPTION></DESCRIPTION>
  </Params>
</PublishSpecificShift>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record updated</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetShiftMaintenance

The purpose of the SetShiftMaintenance API is TBD.

Request Syntax

```
<Request>
  <SetShiftMaintenance>
    <Params>
```

```

<SHIFTMAINTENANCE>
  <SEQ_NO></SEQ_NO>
  <DESCRIPTION></DESCRIPTION>
  <EFD_EXPIRY_DT></EFD_EXPIRY_DT>
  <EFD_START_DT></EFD_START_DT>
  <SHIFT_CD></SHIFT_CD>
  <ROWSTATE></ROWSTATE>
  <SCHEDULE_SEQ_NO></SCHEDULE_SEQ_NO>
  <MAX_DAILY_HOURS></MAX_DAILY_HOURS>
  <MIN_DAILY_HOURS></MIN_DAILY_HOURS>
</SHIFTMAINTENANCE>
<SHIFTDAYS>
  <SHIFT_CD></SHIFT_CD>
  <SEQ_NO></SEQ_NO>
  <ROWSTATE></ROWSTATE>
  <DAY_OFF_YN></DAY_OFF_YN>
  <DAY_IN_CYCLE></DAY_IN_CYCLE>
  <DAILY_MAX></DAILY_MAX>
  <DAILY_MIN></DAILY_MIN>
  <COMMENTS />
  <PAYTYPE>
    <CHARGE_CODE />
    <CHARGE_CODE_DESCRIPTION />
    <DEPT_GROUP />
    <EARNING_CD>MAY19R</EARNING_CD>
    <END_TIME />
    <HOURS></HOURS>
    <SEQ_NO></SEQ_NO>
    <START_TIME />
    <FTE_CATEGORY />
    <DESCRIPTION></DESCRIPTION>
    <TIME_OFF_YN></TIME_OFF_YN>
    <rid></rid>
    <ROWSTATE></ROWSTATE>
    <ASSIGNMENT_CD />
  </PAYTYPE>
</SHIFTDAYS>
</Params>
</SetShiftMaintenance>
</Request>

```

 The request can include multiple `SHIFTDAYS` collections.

Reply Examples

Success

```

<Reply>
  <SetShiftMaintenance>

```

```

<STATUS>0</STATUS>
<Params>
  <STATUS>0</STATUS>
  <SHIFTDAYS>
    <SEQ_NO>47070</SEQ_NO>
    <SHIFT_CD>FDT</SHIFT_CD>
    <COMMENTS />
    <PAYTYPE>
      <START_TIME />
      <ERRORS />
      <CHARGE_CODE_DESCRIPTION />
      <EARNING_CD>MAY19R</EARNING_CD>
      <ASSIGNMENT_CD />
      <TIME_OFF_YN>T</TIME_OFF_YN>
      <rid>6e815410-7148-f12b-8493-05241a8f74f8</rid>
      <ROWSTATE>UNMODIFIED</ROWSTATE>
      <DEPT_GROUP />
      <CHARGE_CODE />
      <FTE_CATEGORY />
      <END_TIME />
      <HOURS>8</HOURS>
      <SEQ_NO>47071</SEQ_NO>
      <DESCRIPTION>aa</DESCRIPTION>
      <HEADER_SEQ_NO>47070</HEADER_SEQ_NO>
    </PAYTYPE>
    <ROWSTATE>UPDATE</ROWSTATE>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <EFD_START_DT>20190501</EFD_START_DT>
    <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
    <EFD_EXPIRY_DT>20190531</EFD_EXPIRY_DT>
  </SHIFTDAYS>
  <operation>UNMODIFIED</operation>
  <SHIFTMAINTENANCE>
    <CYCLE_DAYS>7</CYCLE_DAYS>
    <SEQ_NO>47069</SEQ_NO>
    <DESCRIPTION>2019 May Shift 1</DESCRIPTION>
    <SHIFT_CD>FDT</SHIFT_CD>
    <SCHEDULE_SEQ_NO>47011</SCHEDULE_SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <EFD_START_DT>20190501</EFD_START_DT>
    <EFD_EXPIRY_DT>20190531</EFD_EXPIRY_DT>
  </SHIFTMAINTENANCE>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetShiftMaintenance>
<pid>13064</pid>
<transNo>84</transNo>
</Reply>

```

Error

```
<Params>
  <SHIFTMAINTENANCE>
    <ROWSTATE>ADD</ROWSTATE>
    <SHIFT_CD>MPT1</SHIFT_CD>
    <DESCRIPTION>test1</DESCRIPTION>
    <CYCLE_DAYS>7</CYCLE_DAYS>
    <EFD_START_DT>20161031</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <ERRORS>
      <ERROR_FIELD>SHIFT_CD</ERROR_FIELD>
      <ERROR_MESSAGE>Shift code already exist, retrieve it to edit!</ERROR_MESSAGE>
    </ERRORS>
  </SHIFTMAINTENANCE>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

Request Parameters

Top Level

Parameter	Required	Format	Description
SHIFTMAINTENANCE	TBD	Collection	Shift Maintenance Contains parameters pertaining to shift maintenance and information for the Shift header.
SHIFTDAYS	TBD	Collection	Shift Days Contains parameters pertaining to a given shift day.

Shift Maintenance Collection

Parameter	Required	Format	Description
SEQ_NO	TBD	N	Sequence Number

DESCRIPTION	TBD	C	Shift Description
EFD_EXPIRY_DT	TBD	YYYYMMDD	Expiry Date
EFD_START_DT	TBD	YYYYMMDD	Start Date
SHIFT_CD	TBD	TBD	Shift Code

ROWSTATE	TBD	C	<p>Row State</p> <p>Possible values:</p> <ul style="list-style-type: none"> • ADD : The information is new (a new unit/sub-unit or a new line in the grid) and needs to be added to the database. In this situation, the response needs to contain the SEQ_NO tag. • UPDATE : The information is updated (unit/sub-unit or a new line in the grid) and needs to be updated in the database. In this situation, the call needs to contain the SEQ_NO tag. • DELETE : The information has been deleted (unit/sub-unit or a new line in the grid) and also needs to be deleted from the database. In this situation, the call needs to contain the SEQ_NO tag.
----------	-----	---	---

			<ul style="list-style-type: none"> UNMODIFIED : The record is unchanged.
SCHEDULE_SEQ_NO	TBD	TBD	Schedule Sequence Number
MAX_DAILY_HOURS	TBD	TBD	Maximum Daily Hours Default max daily hours (TE310M.DAILY_MAX)
MIN_DAILY_HOURS	TBD	TBD	Minimum Daily Hours Default min daily hours (TE310M.DAILY_MIN)

Shift Days Collection

Parameter	Required	Format	Description
SHIFT_CD	TBD	TBD	Shift Code
SEQ_NO	TBD	N	Sequence Number

ROWSTATE	TBD	C	Row State Possible values: <ul style="list-style-type: none"> ADD : The information is new (a new unit/sub-unit or a new line in the grid) and needs to be added to the database. In this situation, the response needs to contain the SEQ_NO tag. UPDATE : The information is updated (unit/sub-unit or a new line in the grid) and needs to be updated in the database. In this situation, the call needs to contain the SEQ_NO tag. DELETE : The information has been deleted (unit/sub-unit or a new line in the grid) and also needs to be deleted from the database. In this situation, the call needs to contain the SEQ_NO tag.
----------	-----	---	--

			<ul style="list-style-type: none"> UNMODIFIED : The record is unchanged.
DAY_OFF_YN	TBD	TBD	Day Off
DAY_IN_CYCLE	TBD	N	Day in Cycle
DAILY_MAX	TBD	N(10,2)	Daily Maximum Max daily hours override (TE311M.DAILY_MAX)
DAILY_MIN	TBD	N(10,2)	Daily Minimum Min daily hours override (TE311M.DAILY_MIN)
COMMENTS	TBD	C	Comments
PAYTYPE	TBD	Collection	Pay Type Contains parameters pertaining to the pay type.

Pay Type Collection

Parameter	Required	Format	Description
CHARGE_CODE	No	TBD	Charge Code
CHARGE_CODE_DESCRIPTION	No	TBD	Charge Code Description
DEPT_GROUP	No	TBD	Department Group
EARNING_CD	TBD	TBD	Earning Code

END_TIME	TBD	TBD	End Time
HOURS	TBD	N	Hours
SEQ_NO	TBD	N(5)	Sequence Number
START_TIME	TBD	TBD	Start Time
FTE_CATEGORY	TBD	TBD	FTE Category
DESCRIPTION	TBD	C	Description
TIME_OFF_YN	TBD	TBD	Time Off
rid	TBD	TBD	Rid

ROWSTATE	TBD	C	Row State Possible values: <ul style="list-style-type: none"> ADD : The information is new (a new unit/sub-unit or a new line in the grid) and needs to be added to the database. In this situation, the response needs to contain the SEQ_NO tag. UPDATE : The information is updated (unit/sub-unit or a new line in the grid) and needs to be updated in the database. In this situation, the call needs to contain the SEQ_NO tag. DELETE : The information has been deleted (unit/sub-unit or a new line in the grid) and also needs to be deleted from the database. In this situation, the call needs to contain the SEQ_NO tag.
----------	-----	---	--

			<ul style="list-style-type: none"> UNMODIFIED : The record is unchanged.
ASSIGNMENT_CD	TBD	TBD	Assignment Code

Reply Parameters

Parameter	Format	Description
STATUS	N	Status Code
STATUS_DESC	C	Status Description Indicates any error messages.
pid	N	PID
transNo	N	Transaction Number
CYCLE_DAYS	N	Cycle Days

SetUnitSpecificShift

The SetUnitSpecificShift API is used to create/update a unit/resource-specific shift in the Unit/Resource Maintenance screens.

Request

```

<Request>
  <SetUnitSpecificShift>
    <Params>
      <ROWSTATE>ADD</ROWSTATE>
      <UNIT_ID />
      <SUBUNIT_ID />
      <SHIFTMAINTENANCE>
        <ROWSTATE>ADD</ROWSTATE>
        <SHIFT_CD>MPT1</SHIFT_CD>
        <DESCRIPTION>test1</DESCRIPTION>
        <CYCLE_DAYS>7</CYCLE_DAYS>
        <EFD_START_DT>20161031</EFD_START_DT>
      </SHIFTMAINTENANCE>
    </Params>
  </SetUnitSpecificShift>
</Request>

```

```

    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  </SHIFTMAINTENANCE>
  <SHIFTDAYS>
    <ROWSTATE>ADD</ROWSTATE>
    <SHIFT_CD>MPT1</SHIFT_CD>
    <COMMENTS>Day 1</COMMENTS>
    <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <EFD_START_DT>20161031</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <PAYTYPE>
      <ROWSTATE>ADD</ROWSTATE>
      <EARNING_CD>REGULAR</EARNING_CD>
      <HOURS>8</HOURS>
      <START_TIME />
      <END_TIME />
    </PAYTYPE>
  </SHIFTDAYS>
  <SHIFTDAYS>
    <ROWSTATE>ADD</ROWSTATE>
    <SHIFT_CD>MPT1</SHIFT_CD>
    <COMMENTS>Day 2</COMMENTS>
    <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <EFD_START_DT>20161031</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <PAYTYPE>
      <ROWSTATE>ADD</ROWSTATE>
      <EARNING_CD>REGULAR</EARNING_CD>
      <HOURS>8</HOURS>
      <START_TIME />
      <END_TIME />
    </PAYTYPE>
  </SHIFTDAYS>
</Params>
</SetUnitSpecificShift>
</Request>

```

The TAG SHIFTMAINTENANCE will contain the information for Shift header.

ROWSTATE contains information regarding the state of the row. Possible values:

- **ADD** : this value means that the information is new (a new unit/sub-unit or a new line in grid) and needs to be added in DB. In this situation the response needs to contain the SEQ_NO tag.
- **UPDATE** : this value means that the information is updated (unit/sub-unit or a new line in grid) and needs to be updated in DB. In this situation the call needs to contain the SEQ_NO tag.
- **DELETE** : this value means that the information has been deleted (unit/sub-unit or a new line in grid) and needs to be deleted also from the DB. In this situation the call needs to contain the SEQ_NO tag.

- **UNMODIFIED** : this value means that the record is unchanged.

Reply

Success

```
<Params>
  <SHIFTMAINTENANCE>
    <ROWSTATE>ADD</ROWSTATE>
    <SHIFT_CD>MPT1</SHIFT_CD>
    <DESCRIPTION>test1</DESCRIPTION>
    <CYCLE_DAYS>7</CYCLE_DAYS>
    <EFD_START_DT>20161031</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <SEQ_NO>1630</SEQ_NO>
  </SHIFTMAINTENANCE>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <SHIFTMAINTENANCE>
    <ROWSTATE>ADD</ROWSTATE>
    <SHIFT_CD>MPT1</SHIFT_CD>
    <DESCRIPTION>test1</DESCRIPTION>
    <CYCLE_DAYS>7</CYCLE_DAYS>
    <EFD_START_DT>20161031</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <ERRORS>
      <ERROR_FIELD>SHIFT_CD</ERROR_FIELD>
      <ERROR_MESSAGE>Shift code already exist, retrieve it to edit!</ERROR_MESSAGE>
    </ERRORS>
  </SHIFTMAINTENANCE>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

Sub Category APIs

- [DeleteSubCategory](#)
- [SetSubCategoryMaintenance](#)

DeleteSubCategory

The DeleteSubCategory API is used to delete a record from the Sub Category Maintenance screen.

Request

```
<Request>
  <DeleteSubCategory>
    <Params>
      <SUB_CATEGORY_CD></SUB_CATEGORY_CD>
    </Params>
  </DeleteSubCategory>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetSubCategoryMaintenance

The SetSubCategoryMaintenance API is used to add or update the Sub Category.

Request

```
<Request>
  <SetSubCategoryMaintenance>
    <Params>
      <ROWSTATE>ADD</ROWSTATE>
      <SUB_CATEGORY_CD>1234</SUB_CATEGORY_CD>
      <DESCRIPTION>test</DESCRIPTION>
    </Params>
  </SetSubCategoryMaintenance>
</Request>
```

Reply

Success

```
<Params>
  <ROWSTATE>ADD</ROWSTATE>
  <SUB_CATEGORY_CD>1212</SUB_CATEGORY_CD>
  <DESCRIPTION>test</DESCRIPTION>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <ROWSTATE>ADD</ROWSTATE>
  <SUB_CATEGORY_CD>1212</SUB_CATEGORY_CD>
  <DESCRIPTION>test</DESCRIPTION>
  <ERRORS>
    <ERROR_FIELD>CATEGORY_CD</ERROR_FIELD>
    <ERROR_MESSAGE>Category already exist. Must be unique!</ERROR_MESSAGE>
  </ERRORS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

Time Card APIs

- [GetTimeCard](#)

GetTimeCard

The GetTimeCard API requires the `Employee_id` field be filled in. This API function is related to form tehndlr9_xml.

Request

```
<GetTimeCard>
  <Params>
    <UNIT_ID></UNIT_ID>
    <SUBUNIT_ID></SUBUNIT_ID>
    <START_DATE>20191127</START_DATE>
    <END_DATE>20191129</END_DATE>
    <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
  </Params>
</GetTimeCard>
```


Reply

Success

```
<Params>
  <ROW>
    <UNIT_ID>6000</UNIT_ID>
    <SUBUNIT_ID>01</SUBUNIT_ID>
    <EARNING_CD>REG</EARNING_CD>
    <CHARGE_CODE/>
    <ASSIGNMENT_CD/>
    <DEPT_GROUP/>
    <EFF_END_TIME>20191127 12:11:00</EFF_END_TIME>
    <EFF_START_TIME>20191127 12:11:00</EFF_START_TIME>
    <START_TIME>20191127 12:11:00</START_TIME>
    <END_TIME>20191127 12:11:00</END_TIME>
    <HEADER_SEQ_NO>1234</HEADER_SEQ_NO>
    <SEQ_NO>1</SEQ_NO>
    <HOURS>2</HOURS>
    <STATUS>1</STATUS>
  </ROW>
  <ROW>
    <UNIT_ID>6000</UNIT_ID>
    <SUBUNIT_ID>01</SUBUNIT_ID>
    <EARNING_CD>REG</EARNING_CD>
    <CHARGE_CODE/>
    <ASSIGNMENT_CD/>
    <DEPT_GROUP/>
    <EFF_END_TIME>20191128 12:11:00</EFF_END_TIME>
    <EFF_START_TIME>20191128 12:11:00</EFF_START_TIME>
    <START_TIME>20191128 12:11:00</START_TIME>
    <END_TIME>20191128 12:11:00</END_TIME>
    <HEADER_SEQ_NO>1235</HEADER_SEQ_NO>
    <SEQ_NO>2</SEQ_NO>
    <HOURS>2</HOURS>
    <STATUS>1</STATUS>
  </ROW>
  <STATUS>2</STATUS>
  <STATUS_DESC>Multiple rows found</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS>-100</STATUS>
  <STATUS_DESC>XML Invalid.</STATUS_DESC>
</Params>
```

SetTimeCardMaintenance

The SetTimeCardMaintenance API is used for time card maintenance. This API function is related to form tehndlr9_xml.

Request

```
<Request>
  <SetTimeCardMaintenance>
    <Params>
      <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
      <ROW>
        <UNIT_ID>1000</UNIT_ID>
        <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
        <EARNING_CD>REG</EARNING_CD>
        <ASSIGNMENT_CD></ASSIGNMENT_CD>
        <EXP_END_TIME>20191128 00:00:00</EXP_END_TIME>
        <COMMENTS>
          <C>
            <c>3</c>
            <t>1574857073549</t>
            <u>sfg</u>
          </C>
        </COMMENTS>
        <EFF_END_TIME>20200108 00:00:00</EFF_END_TIME>
        <ROWSTATE>ADD</ROWSTATE>
        <DEPT_GROUP></DEPT_GROUP>
        <CHARGE_CODE></CHARGE_CODE>
        <EXP_START_TIME>20191128 00:00:00</EXP_START_TIME>
        <EFF_START_TIME>20200108 00:00:00</EFF_START_TIME>
        <STATUS>0</STATUS>
        <END_TIME>20200108 14:00:00</END_TIME>
        <START_TIME>20200108 13:05:10</START_TIME>
        <HOURS>2</HOURS>
        <SEQ_NO></SEQ_NO>
        <EARNING_TYPE>0</EARNING_TYPE>
        <HEADER_SEQ_NO>277726</HEADER_SEQ_NO>
        <SUBUNIT_ID>1000 001</SUBUNIT_ID>
        <EARNING_CD_COMMENT_REQ>F</EARNING_CD_COMMENT_REQ>
      </ROW>
      <ROW>
        <UNIT_ID>1000</UNIT_ID>
        <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
        <EARNING_CD>REG</EARNING_CD>
        <ASSIGNMENT_CD></ASSIGNMENT_CD>
        <EXP_END_TIME>20191128 00:00:00</EXP_END_TIME>
        <COMMENTS>
          <C>
            <c>3</c>
            <t>1574857073549</t>
            <u>sfg</u>
```

```

        </C>
    </COMMENTS>
    <EFF_END_TIME>20200108 00:00:00</EFF_END_TIME>
    <ROWSTATE>ADD</ROWSTATE>
    <DEPT_GROUP></DEPT_GROUP>
    <CHARGE_CODE></CHARGE_CODE>
    <EXP_START_TIME>20191128 00:00:00</EXP_START_TIME>
    <EFF_START_TIME>20200108 00:00:00</EFF_START_TIME>
    <STATUS>0</STATUS>
    <END_TIME>20200108 14:00:00</END_TIME>
    <START_TIME>20200108 13:05:10</START_TIME>
    <HOURS>2</HOURS>
    <SEQ_NO></SEQ_NO>
    <EARNING_TYPE>0</EARNING_TYPE>
    <HEADER_SEQ_NO>277726</HEADER_SEQ_NO>
    <SUBUNIT_ID>1000 001</SUBUNIT_ID>
    <EARNING_CD_COMMENT_REQ>F</EARNING_CD_COMMENT_REQ>
</ROW>
</Params>
</SetTimeCardMaintenance>

</Request>

```

Reply

Success

```

<Params>
  <ROW>
    <UNIT_ID>1000</UNIT_ID>
    <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
    <EARNING_CD>REG</EARNING_CD>
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <EXP_END_TIME>20191128 00:00:00</EXP_END_TIME>
    <COMMENTS>
      <C>
        <c>3</c>
        <t>1574857073549</t>
        <u>sfg</u>
      </C>
    </COMMENTS>
    <EFF_END_TIME>20200108 00:00:00</EFF_END_TIME>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP></DEPT_GROUP>
    <CHARGE_CODE></CHARGE_CODE>
    <EXP_START_TIME>20191128 00:00:00</EXP_START_TIME>
    <EFF_START_TIME>20200108 00:00:00</EFF_START_TIME>
    <STATUS>0</STATUS>
    <END_TIME>20200108 14:00:00</END_TIME>
    <START_TIME>20200108 13:05:10</START_TIME>

```

```

    <HOURS>2</HOURS>
    <SEQ_NO>2</SEQ_NO>
    <EARNING_TYPE>0</EARNING_TYPE>
    <HEADER_SEQ_NO>277726</HEADER_SEQ_NO>
    <SUBUNIT_ID>1000 001</SUBUNIT_ID>
    <EARNING_CD_COMMENT_REQ>F</EARNING_CD_COMMENT_REQ>
  </ROW>
  <ROW>
    <UNIT_ID>1000</UNIT_ID>
    <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
    <EARNING_CD>REG</EARNING_CD>
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <EXP_END_TIME>20191128 00:00:00</EXP_END_TIME>
    <COMMENTS>
      <C>
        <c>3</c>
        <t>1574857073549</t>
        <u>sfg</u>
      </C>
    </COMMENTS>
    <EFF_END_TIME>20200108 00:00:00</EFF_END_TIME>
    <ROWSTATE>ADD</ROWSTATE>
    <DEPT_GROUP></DEPT_GROUP>
    <CHARGE_CODE></CHARGE_CODE>
    <EXP_START_TIME>20191128 00:00:00</EXP_START_TIME>
    <EFF_START_TIME>20200108 00:00:00</EFF_START_TIME>
    <STATUS>0</STATUS>
    <END_TIME>20200108 14:00:00</END_TIME>
    <START_TIME>20200108 13:05:10</START_TIME>
    <HOURS>2</HOURS>
    <SEQ_NO>1</SEQ_NO>
    <EARNING_TYPE>0</EARNING_TYPE>
    <HEADER_SEQ_NO>277726</HEADER_SEQ_NO>
    <SUBUNIT_ID>1000 001</SUBUNIT_ID>
    <EARNING_CD_COMMENT_REQ>F</EARNING_CD_COMMENT_REQ>
  </ROW>
</Params>

```

Error

```

<Params>
  <STATUS>-1</STATUS>
  <STATUS_DESC>save error</STATUS_DESC>
</Params>

```

SubmitTimeCard

The SubmitTimeCard API is used for submitting Time Cards. This API function is related to form tehndlr9.xml.

Request

```
<Request>
  <SubmitTimeCard>
    <Params>
      <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
    </Params>
  </SubmitTimeCard>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>8</STATUS>
  <ROW>
    <UNIT_ID>1000</UNIT_ID>
    <START_TIME>20200108 13:05:10</START_TIME>
    <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
    <EARNING_CD>REG</EARNING_CD>
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <EXP_END_TIME>20191128 00:00:00</EXP_END_TIME>
    <COMMENTS>
      <C>
        <c>3</c>
        <t>1574857073549</t>
        <u>sfg</u>
      </C>
    </COMMENTS>
    <EFF_END_TIME>20200108 00:00:00</EFF_END_TIME>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <DEPT_GROUP></DEPT_GROUP>
    <CHARGE_CODE></CHARGE_CODE>
    <EXP_START_TIME>20191128 00:00:00</EXP_START_TIME>
    <EFF_START_TIME>20200108 00:00:00</EFF_START_TIME>
    <STATUS>0</STATUS>
    <END_TIME>20200108 14:00:00</END_TIME>
    <HOURS>2</HOURS>
    <SEQ_NO>2</SEQ_NO>
    <EARNING_TYPE>0</EARNING_TYPE>
    <HEADER_SEQ_NO>2</HEADER_SEQ_NO>
    <SUBUNIT_ID>1000 001</SUBUNIT_ID>
    <EARNING_CD_COMMENT_REQ>F</EARNING_CD_COMMENT_REQ>
  </ROW>
  <ROW>
    <UNIT_ID>1000</UNIT_ID>
    <START_TIME>20200108 13:05:10</START_TIME>
    <EMPLOYEE_ID>Bali</EMPLOYEE_ID>
```

```

<EARNING_CD>REG</EARNING_CD>
<ASSIGNMENT_CD></ASSIGNMENT_CD>
<EXP_END_TIME>20191128 00:00:00</EXP_END_TIME>
<COMMENTS>
  <C>
    <c>4</c>
    <t>1574857073549</t>
    <u>sfg</u>
  </C>
</COMMENTS>
<EFF_END_TIME>20200108 00:00:00</EFF_END_TIME>
<ROWSTATE>UNMODIFIED</ROWSTATE>
<DEPT_GROUP></DEPT_GROUP>
<CHARGE_CODE></CHARGE_CODE>
<EXP_START_TIME>20191128 00:00:00</EXP_START_TIME>
<EFF_START_TIME>20200108 00:00:00</EFF_START_TIME>
<STATUS>0</STATUS>
<END_TIME>20200108 14:00:00</END_TIME>
<HOURS>2</HOURS>
<SEQ_NO>276827</SEQ_NO>
<EARNING_TYPE>0</EARNING_TYPE>
<HEADER_SEQ_NO>276827</HEADER_SEQ_NO>
<SUBUNIT_ID>1000 001</SUBUNIT_ID>
<EARNING_CD_COMMENT_REQ>F</EARNING_CD_COMMENT_REQ>
</ROW>
<STATUS_DESC>Multiple rows found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Error on save</STATUS_DESC>
</Params>

```

Time Entry APIs

- [DeleteTimeEntryEmployee](#)
- [FindEquipmentNumber](#)
- [FindPLPayTypes](#)
- [FindTEPayTypes](#)
- [GetEmployeePlannedLeave](#)
- [GetMLATransactions](#)
- [GetTimeEntryComments](#)
- [GetTimeEntryEmployee](#)
- [GetTimeEntryEmployee OLD](#)
- [GetTimeEntryforApproval](#)
- [GetTimeEntryShiftDetails](#)
- [SetEmployeeDefaultMaintenance](#)

- [SetPlannedLeaveForApproval](#)
- [SetTimeEntryEmployee](#)
- [SetTimeEntryForApproval](#)
- [SetTimeEntryForProcess](#)
- [SetTimeEntryPending](#)

TIME ENTRY

Time Entry

Logout

As of:
< JULY 20, 2016 >

SCHOOL1 | TEACHERS

Contract Engineer 2
0000004805

C

Everet Guerrero
0000004800

V

Albert Anderson
0000004815

E

Contractor Engineer 4
0000120575

C

John Smith
0000120622

E

Carol Chapman
0000000617

E

Dodge Ram
0000120591

Eq

Barbara Blaker
0000120575

E

SCHOOL1 | Teachers / Barbara Blaker

Time Entry

Time Bank

Jul 19, 2016 → Jul 25, 2016

Earn Code	Charge Co	Equip No	Jul 19 TUE	Jul 20 WED	Jul 21 THU	Jul 22 FRI	Jul 23 SAT	Jul 24 SUN	Jul 25 MON	
Install	EL364	W10D23	2h	4h	4h					10h
Train	EL365		3h	2h					1h	6h
Sick	S243				3h	6h				9h
Train	T445			4h						4h
Admin	SC001	LS	2h	2h						4h
OT1.5	23				3h				5h	8h
			7h	12h	10h	6h			6h	41h

attention needed

denied registration

imported time

user template

overtime

DeleteTimeEntryEmployee

The DeleteTimeEntryEmployee API is used to delete the employee time entry.

Request

```

<Request>
  <DeleteTimeEntryEmployee>
    <Params>
      <SEQ_NO>23</SEQ_NO>
    </Params>
  </DeleteTimeEntryEmployee>
</Request>

```

Reply

Success

```

<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>


```

```
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindEquipmentNumber

 This API is not used anymore and has been archived.

Request

```
<Request>
  <FindEquipmentNumber>
    <Params>
      <EQUIP_NO></EQUIP_NO>
    </Params>
  </FindEquipmentNumber>
</Request>
```

* **EQUIP_NO** is used for searching the Equipment Number.

Reply

Success

```
<Params>
  <ROW>
    <EQUIP_NO>0000000201</EQUIP_NO>
    <EQUIP_DESCRIPTION>001</EQUIP_DESCRIPTION>
  </ROW>
  <ROW>
    <EQUIP_NO>0000000202</EQUIP_NO>
    <EQUIP_DESCRIPTION>004</EQUIP_DESCRIPTION>
  </ROW>
</Request>
```


Error

```
<Params>
  <ROW>
    <EQUIP_NO>0000000201</EQUIP_NO>
    <EQUIP_DESCRIPTION>001</EQUIP_DESCRIPTION>
  </ROW>
  <ROW>
    <EQUIP_NO>0000000202</EQUIP_NO>
    <EQUIP_DESCRIPTION>004</EQUIP_DESCRIPTION>
  </ROW>
</Request>
```

FindPLPayTypes

The FindPLPayTypes API is used to retrieve all available planned leave pay types in the Planned Leave screen.

Request

```
<Request>
  <FindPLPayTypes>
    <Params>
      <EARNING_CD></EARNING_CD>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <ASOFDATE>20181220</ASOFDATE>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </FindPLPayTypes>
</Request>
```

* EARNING_CD is used for searching the Pat Type.

Reply

Success

```
<Reply>
  <FindPLPayTypes>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <DESCRIPTION>Personal Day</DESCRIPTION>
        <EARNING_CD>PERSONAL</EARNING_CD>
        <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
      </ROW>
    </Params>
  </FindPLPayTypes>
</Reply>
```

```

<ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
<LONG_DESCRIPTION />
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>HOLIDAY EARNINGS CODE</DESCRIPTION>
  <EARNING_CD>HOLIDAY</EARNING_CD>
  <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>T</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>LEAVE - NO RESTRICTIONS</DESCRIPTION>
  <EARNING_CD>01NO-REQ</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>LEAVE - NO RESTRICTIONS LONG</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>LEAVE - COMMENTS ATTACHMENTS</DESCRIPTION>
  <EARNING_CD>01CA-REQ</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>T</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>LEAVE - COMMENTS ATTACHMENTS LONG</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA323</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>paywithcom</DESCRIPTION>
  <EARNING_CD>paywithcom</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA006</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>

```

```

<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA357</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA352</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA129</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA267</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>Billion</DESCRIPTION>
  <EARNING_CD>BMILES</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>434563456</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>Vancouver Bereavement</DESCRIPTION>
  <EARNING_CD>VBereavem</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>Long Description Long Description Long Description Long
Description</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>Without reasons</DESCRIPTION>
  <EARNING_CD>WITHOUT_RE</EARNING_CD>

```

```

    <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION />
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <DESCRIPTION>LEAVE - COMMENTS ATTACHMENTS REASON</DESCRIPTION>
    <EARNING_CD>01CAR-REQ</EARNING_CD>
    <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>T</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION>LEAVE - COMMENTS ATTACHMENTS REASON LONG</
LONG_DESCRIPTION>
    <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <DESCRIPTION>test d1</DESCRIPTION>
    <EARNING_CD>test</EARNING_CD>
    <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION>This pay type is for testing</LONG_DESCRIPTION>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <DESCRIPTION>dasd</DESCRIPTION>
    <EARNING_CD>PaywithAtt</EARNING_CD>
    <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>T</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION />
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <DESCRIPTION>TEST</DESCRIPTION>
    <EARNING_CD>OPL</EARNING_CD>
    <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>T</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION>TEST TEST TEST</LONG_DESCRIPTION>
    <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <DESCRIPTION>000test short</DESCRIPTION>
    <EARNING_CD>000test</EARNING_CD>
    <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION>000test long</LONG_DESCRIPTION>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <DESCRIPTION>Vacation</DESCRIPTION>
    <EARNING_CD>VACATION</EARNING_CD>
    <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION />

```

```

    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>Vancouver Sick Paid</DESCRIPTION>
  <EARNING_CD>VSickPaid</EARNING_CD>
  <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>T</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>Long Description Long Description Long Description Long
Description</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>fds</DESCRIPTION>
  <EARNING_CD>PayWithRea</EARNING_CD>
  <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>sdfs</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>LEAVE - COMMENTS</DESCRIPTION>
  <EARNING_CD>01C-REQ</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>LEAVE - COMMENTS LONG</LONG_DESCRIPTION>
  <COMMENTS_REQUIRED>T</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>Holiday pay type</DESCRIPTION>
  <EARNING_CD>HOLIDAYPL</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>This is a short description.</DESCRIPTION>
  <EARNING_CD>JuLiEn</EARNING_CD>
  <REASON_REQUIRED_YN>T</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION>This is a very long description! This is a very long
description1! This is a very long description2!This is a very long description3!This
is a very long description4!This is a very long description5!This is a very long
description6!!!!This is a very long description! This is a very long description1!
This is a very long description2!This is a very long description3!This is a very long
description4!This is a very long description5!This is a very long description6!!!!
This is a very long description! This is a very long description1! This is a very
long description2!This is a very long description3!This is a very long description4!
This is a very long description5!This is a very long description6!!!!This is a very
long description! This is a very long description1! This is a very long description2!
This is a very long description3!This is a very long description4!This is a very long
description5!This is a very long description6!!!!This is a very long description!
This is a very long description1! This is a very long description2!This is a very

```

long description3!This is a very long description4!This is a very long description5!
 This is a very long description6!!!!This is a very long description! This is a very
 long description1! This is a very long description2!This is a very long description3!
 This is a very long description4!This is a very long description5!This is a very long
 description6!!!!This is a very long description! This is a very long description1!
 This is a very long description2!This is a very long description3!This is a very long
 description4!This is a very long description5!This is a very long description6!!!!
 This is a very long description! This is a very long description1! This is a very
 long description2!This is a very long description3!This is a very long description4!
 This is a very long description5!This is a very long description6!!!!</p>
</div>
<div>
<p>LONG_DESCRIPTION></p>
</div>
<div>
<pre>
 COMMENTS_REQUIRED>TCOMMENTS_REQUIRED>
</ROW>
<ROW>
 DESCRIPTION>read-only-overrideDESCRIPTION>
 EARNING_CD>WORK_LEARNING_CD>
 REASON_REQUIRED_YN>FREASON_REQUIRED_YN>
 ATTACHMENT_REQUIRED_YN>FATTACHMENT_REQUIRED_YN>
 LONG_DESCRIPTION />
 COMMENTS_REQUIRED>FCOMMENTS_REQUIRED>
</ROW>
<ROW>
 DESCRIPTION>longDESCRIPTION>
 EARNING_CD>PayReasonEARNING_CD>
 REASON_REQUIRED_YN>TREASON_REQUIRED_YN>
 ATTACHMENT_REQUIRED_YN>TATTACHMENT_REQUIRED_YN>
 LONG_DESCRIPTION />
 COMMENTS_REQUIRED>TCOMMENTS_REQUIRED>
</ROW>
<ROW>
 DESCRIPTION>leave without constraintsDESCRIPTION>
 EARNING_CD>101PLNEARNING_CD>
 REASON_REQUIRED_YN>FREASON_REQUIRED_YN>
 ATTACHMENT_REQUIRED_YN>FATTACHMENT_REQUIRED_YN>
 LONG_DESCRIPTION>leave without restrictionsLONG_DESCRIPTION>
 COMMENTS_REQUIRED>FCOMMENTS_REQUIRED>
</ROW>
<ROW>
 DESCRIPTION>description numberDESCRIPTION>
 EARNING_CD>VA449EARNING_CD>
 REASON_REQUIRED_YN>FREASON_REQUIRED_YN>
 ATTACHMENT_REQUIRED_YN>FATTACHMENT_REQUIRED_YN>
 LONG_DESCRIPTION />
 COMMENTS_REQUIRED>FCOMMENTS_REQUIRED>
</ROW>
<ROW>
 DESCRIPTION>description numberDESCRIPTION>
 EARNING_CD>VA241EARNING_CD>
 REASON_REQUIRED_YN>FREASON_REQUIRED_YN>
 ATTACHMENT_REQUIRED_YN>FATTACHMENT_REQUIRED_YN>
 LONG_DESCRIPTION />
 COMMENTS_REQUIRED>FCOMMENTS_REQUIRED>
</pre>
</div>
<div>
<p>206</p>
</div>
<div>
<p> A Division of Harris</p>
</div>

```

</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA236</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA401</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA127</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA139</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA339</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>description number</DESCRIPTION>
  <EARNING_CD>VA150</EARNING_CD>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <LONG_DESCRIPTION />
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <DESCRIPTION>LEAVE ENTRY</DESCRIPTION>
  <EARNING_CD>0418LE</EARNING_CD>

```

```

    <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
    <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
    <LONG_DESCRIPTION>LEAVE Pay Type</LONG_DESCRIPTION>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  </ROW>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</FindPLPayTypes>
<pid>13064</pid>
<transNo>24</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

FindTEPayTypes

The FindTEPayTypes API is used to retrieve all available pay types for an employee with the corresponding unit/sub-unit when adding/updating the time entry.

Request

```

<Request>
  <FindTEPayTypes>
    <Params>
      <EARNING_CD></EARNING_CD>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <ASOFDATE>20181220</ASOFDATE>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </FindTEPayTypes>
</Request>

```

* EARNING_CD is used for searching the Pat Type.

Reply

Success

```
<Reply>
  <pid>18064</pid>
  <transNo>40</transNo>
  <FindTEPayTypes>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <DESCRIPTION>regular work for unit 6000</DESCRIPTION>
        <EARNING_CD>101WORK</EARNING_CD>
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <EARNING_SORT_CODE>2</EARNING_SORT_CODE>
      </ROW>
      <ROW>
        <DESCRIPTION>Sick</DESCRIPTION>
        <EARNING_CD>SICK</EARNING_CD>
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <EARNING_SORT_CODE>50</EARNING_SORT_CODE>
      </ROW>
      <ROW>
        <DESCRIPTION>Vacation</DESCRIPTION>
        <EARNING_CD>HBANK</EARNING_CD>
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <EARNING_SORT_CODE />
      </ROW>
      <ROW>
        <DESCRIPTION />
        <EARNING_CD>PERSONAL</EARNING_CD>
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <EARNING_SORT_CODE />
      </ROW>
      <ROW>
        <DESCRIPTION />
        <EARNING_CD>VACATION</EARNING_CD>
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <EARNING_SORT_CODE />
      </ROW>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
    </Params>
    <version>1</version>
  </FindTEPayTypes>
</Reply>
```

Error

```
<Params>
```

```
<STATUS></STATUS>
<STATUS_DESC></STATUS_DESC>
</Params>
```

GetEmployeePlannedLeave

The GetEmployeePlannedLeave API is used to get a list of planned leave dates in the Planned Leave screen.

Request

```
<Request>
  <GetEmployeePlannedLeave>
    <Params>
      <UNIT_ID>SAFETY</UNIT_ID>
      <SUBUNIT_ID>Fire</SUBUNIT_ID>
      <EMPLOYEE_ID>Cashier1</EMPLOYEE_ID>
    </Params>
  </GetEmployeePlannedLeave>
</Request>
```

Reply

Success

```
<Params>
  <ROW>
    <SEQ_NO>68261</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <START_DT>20120328</START_DT>
    <END_DT>20120328</END_DT>
    <EARNING_CD>VACATION</EARNING_CD>
    <DEPT_GROUP />
    <CHARGE_CODE />
    <HOURS>8</HOURS>
    <STATUS>E</STATUS>
  </ROW>
  <ROW>
    <SEQ_NO>68262</SEQ_NO>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <START_DT>20120330</START_DT>
    <END_DT>20120330</END_DT>
    <EARNING_CD>VACATION</EARNING_CD>
    <DEPT_GROUP />
    <CHARGE_CODE />
    <HOURS>1</HOURS>
    <STATUS>E</STATUS>
  </ROW>
<STATUS>0</STATUS>
```

```
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetMLATransactions

The GetMLATransactions API is used to get multiple level approval; this will be called from Time Entry screen, when Time Entry is submitted and the information button appears.

Request

```
<Request>
  <GetMLATransactions>
    <Params>
      <MLA_LINK_NUM>97499</MLA_LINK_NUM>
      <TIMEKEEPER_USER_ID>SFG</TIMEKEEPER_USER_ID>
    </Params>
  </GetMLATransactions>
</Request>
```

Reply

Success

```
<Reply>
  <GetMLATransactions>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <FINAL_APPROVER_ID>SFG</FINAL_APPROVER_ID>
      <CREATED_USER_ID>SFG</CREATED_USER_ID>
      <MLA_LINK_NUM>75328</MLA_LINK_NUM>
      <CREATION_DATE>20-DEC-18</CREATION_DATE>
      <ROW>
        <STATUS>C</STATUS>
        <CREATED_USER_ID>SFG</CREATED_USER_ID>
        <MLA_LINK_NUM>75328</MLA_LINK_NUM>
        <CREATED_DT>20-DEC-18</CREATED_DT>
        <STATUS_DESCRIPTION>Current Approver</STATUS_DESCRIPTION>
        <APPROVER_USERID>TA1</APPROVER_USERID>
      </ROW>
    </Params>
  </GetMLATransactions>
</Reply>
```

```

    <LAST_MODIFIED_DT>20-DEC-18</LAST_MODIFIED_DT>
    <SEQ>1</SEQ>
    <STATUS_CHANGE_DATE>20-DEC-18</STATUS_CHANGE_DATE>
  </ROW>
  <ROW>
    <STATUS>P</STATUS>
    <CREATED_USER_ID>SFG</CREATED_USER_ID>
    <MLA_LINK_NUM>75328</MLA_LINK_NUM>
    <CREATED_DT>20-DEC-18</CREATED_DT>
    <STATUS_DESCRIPTION>Pending</STATUS_DESCRIPTION>
    <APPROVER_USERID>TA2</APPROVER_USERID>
    <LAST_MODIFIED_DT>20-DEC-18</LAST_MODIFIED_DT>
    <SEQ>2</SEQ>
    <STATUS_CHANGE_DATE>20-DEC-18</STATUS_CHANGE_DATE>
  </ROW>
  <TIMEKEEPER_USER_ID>SFG</TIMEKEEPER_USER_ID>
  <FINAL_APPROVAL_DESCRIPTION>Edit list has been run</
FINAL_APPROVAL_DESCRIPTION>
  <FINAL_APPROVAL />
  <LAST_MODIFIED_DT>20-DEC-18</LAST_MODIFIED_DT>
  <STATUS_DESC>One record found</STATUS_DESC>
  <LAST_USER_ID>SFG</LAST_USER_ID>
</Params>
<version>1</version>
</GetMLATransactions>
<pid>13064</pid>
<transNo>18</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetTimeEntryComments

The GetTimeEntryComments API is used to retrieve the comments in Time Entry Approval screen.

Request

```

<Request>
  <GetTimeEntryComments>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
    
```

```
<START_DATE>20181217</START_DATE>
<END_DATE>20181230</END_DATE>
</Params>
</GetTimeEntryComments>
</Request>
```

Reply

Success

```
<Reply>
  <pid>13064</pid>
  <GetTimeEntryComments>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <D_20181221>
        <PAYTYPE>
          <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
          <HOURS>8</HOURS>
          <SEQ_NO>75335</SEQ_NO>
          <EARNING_CD>101WORK</EARNING_CD>
          <ASSIGNMENT_CD />
          <CHARGE_CODE />
          <USER_COMMENTS>
            <C>
              <c>aa</c>
              <t>Thu Dec 20 2018 2:13:35 PM</t>
              <u>sfg</u>
            </C>
          </USER_COMMENTS>
        </PAYTYPE>
      </D_20181221>
      <D_20181222>
        <PAYTYPE>
          <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
          <HOURS>8</HOURS>
          <SEQ_NO>75336</SEQ_NO>
          <EARNING_CD>101WORK</EARNING_CD>
          <ASSIGNMENT_CD />
          <CHARGE_CODE />
          <USER_COMMENTS>
            <C>
              <c>aa</c>
              <t>Thu Dec 20 2018 2:13:35 PM</t>
              <u>sfg</u>
            </C>
          </USER_COMMENTS>
        </PAYTYPE>
      </D_20181222>
```

```

<D_20181220>
  <PAYTYPE>
    <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
    <HOURS>8</HOURS>
    <SEQ_NO>75334</SEQ_NO>
    <EARNING_CD>101WORK</EARNING_CD>
    <ASSIGNMENT_CD />
    <CHARGE_CODE />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </PAYTYPE>
</D_20181220>
<TIMEENTRYCOMMENTS>
  <SEQ_NO>74924</SEQ_NO>
  <END_DATE>20181230</END_DATE>
  <START_DATE>20181217</START_DATE>
  <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
  <USER_COMMENTS>
    <C>
      <c>ffgfg</c>
      <t>Thu Dec 20 2018 2:12:55 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</TIMEENTRYCOMMENTS>
<D_20181218>
  <PAYTYPE>
    <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
    <HOURS>8</HOURS>
    <SEQ_NO>75332</SEQ_NO>
    <EARNING_CD>101WORK</EARNING_CD>
    <ASSIGNMENT_CD />
    <CHARGE_CODE />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </PAYTYPE>
</D_20181218>
<STATUS_DESC>Multiple records found</STATUS_DESC>
<D_20181219>
  <PAYTYPE>
    <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
    <HOURS>8</HOURS>

```

```

    <SEQ_NO>75333</SEQ_NO>
    <EARNING_CD>101WORK</EARNING_CD>
    <ASSIGNMENT_CD />
    <CHARGE_CODE />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </PAYTYPE>
</D_20181219>
</Params>
<version>1</version>
</GetTimeEntryComments>
<transNo>60</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetTimeEntryEmployee

Description

The GetTimeEntryEmployee API function retrieves all time entries for an employee with the corresponding unit/sub-unit in the given date.

Request Syntax

```

<Request>
  <GetTimeEntryEmployee>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <EMPLOYEE_ID></EMPLOYEE_ID>
      <START_DATE></START_DATE>
      <END_DATE></END_DATE>
      <SHIFT_CD></SHIFT_CD>
      <IS_APPROVAL_VIEW></IS_APPROVAL_VIEW>
    </Params>
  </GetTimeEntryEmployee>
</Request>

```

Reply Syntax

Success

```
<Reply>
  <GetTimeEntryEmployee>
    <Params>
      <ROW>
        <SEQ_NO></SEQ_NO>
        <EARNING_CD></EARNING_CD>
        <MILAGE></MILAGE>
        <BANK_CODE></BANK_CODE>
        <DEBIT_CREDIT_FLAG></DEBIT_CREDIT_FLAG>
        <AUTO_APPROVE_YN></AUTO_APPROVE_YN>
        <COMMENTS_REQUIRED></COMMENTS_REQUIRED>
        <CHARGE_CODE></CHARGE_CODE>
        <DEPT_GROUP></DEPT_GROUP>
        <CHARGE_CD></CHARGE_CD>
        <CHARGE_CODE_DESC></CHARGE_CODE_DESC>
        <EQUIPMENT_ID></EQUIPMENT_ID>
        <EQUIPMENT_DESC></EQUIPMENT_DESC>
        <ADJUSTMENT_YN></ADJUSTMENT_YN>
        <ASSIGNMENT_CD></ASSIGNMENT_CD>
        <TRANSACTION_DT_SEQ></TRANSACTION_DT_SEQ>
        <ROWSTATE></ROWSTATE>
        <D_YYYYMMDD>
          <HOURS></HOURS>
          <STATUS></STATUS>
          <SEQ_NO></SEQ_NO>
          <MILAGE></MILAGE>
          <USER_COMMENTS></USER_COMMENTS>
          <COMMENTS></COMMENTS>
        </D_YYYYMMDD>
      </ROW>
      <MLA_LINK_NUM></MLA_LINK_NUM>
      <TIMEKEEPER_USER_ID></TIMEKEEPER_USER_ID>
      <OTHERTIME>
        <DESCRIPTION></DESCRIPTION>
        <D_YYYYMMDD>
          <HOURS></HOURS>
        </D_YYYYMMDD>
        <ROW>
          <DESCRIPTION></DESCRIPTION>
          <UNIT_ID></UNIT_ID>
          <SUBUNIT_ID></SUBUNIT_ID>
          <D_YYYYMMDD>
            <HOURS></HOURS>
            <STATUS></STATUS>
          </D_YYYYMMDD>
        </ROW>
      </OTHERTIME>
```



```

    <TIMEBANK>
      <PAYROLL_EMPL_NO></PAYROLL_EMPL_NO>
      <TIME_BANK_DESCRIPTION></TIME_BANK_DESCRIPTION>
      <VISIBLE_TO_USER></VISIBLE_TO_USER>
      <BEGIN_BALANCE></BEGIN_BALANCE>
      <CLOSING_BALANCE></CLOSING_BALANCE>
      <BANK_CODE></BANK_CODE>
      <EARNING_CD></EARNING_CD>
      <TOTAL_CREDITS></TOTAL_CREDITS>
      <TOTAL_DEBITS></TOTAL_DEBITS>
      <INITIAL_DEBITS></INITIAL_DEBITS>
      <INITIAL_CREDITS></INITIAL_CREDITS>
      <DEBIT_CREDIT_FLAG></DEBIT_CREDIT_FLAG>
      <OVERDRAWN_CODE></OVERDRAWN_CODE>
    </TIMEBANK>
    <STATUS></STATUS>
    <STATUS_DESC></STATUS_DESC>
  </Params>
</GetTimeEntryEmployee>
</Reply>

```

- i** In the reply, `YYYYMMDD` represents a date. For example, the parameter `D_20250430` refers to April 30th 2025. A single reply can include multiple collections of this type.
- The reply can also include multiple `TIMEBANK` collections.

Error

```

<Reply>
  <GetTimeEntryEmployee>
    <Params>
      <STATUS></STATUS>
      <STATUS_DESC></STATUS_DESC>
    </Params>
    <STATUS></STATUS>
  </GetTimeEntryEmployee>
</Reply>

```

Request Parameters

Parameter	Required	Format	Description
<code>UNIT_ID</code>	Yes	C(10)	Unit ID
<code>SUBUNIT_ID</code>	No	C(10)	Sub-unit ID

EMPLOYEE_ID	Yes	C(20)	Employee ID
START_DATE	Yes	YYYYMMDD	Start Date
END_DATE	Yes	YYYYMMDD	End Date
SHIFT_CD	Yes	C(20)	Shift Code
IS_APPROVAL_VIEWS	No	T/F	Approval View?

Reply Parameters

Top Level

Parameter	Format	Description
STATUS	N	Status Code <ul style="list-style-type: none"> 0: The request succeeded. Less than 0: An error occurred.
STATUS_DESC	C	Status Description Indicates any error messages.
ROW	Collection	Row
MLA_LINK_NUM	N	Multi-level Approval (MLA) Link Number
TIMEKEEPER_USER_ID	C	Timekeeper User ID
OTHERTIME	Collection	Other Time
TIMEBANK	Collection	Time Bank

Row Collection

Parameter	Format	Description
SEQ_NO	N	Sequence Number
EARNING_CD	C	Earning Code
MILAGE	N	Mileage
BANK_CODE	N	Bank Code
DEBIT_CREDIT_FLAG	C(2)	Debit/Credit? Possible values: <ul style="list-style-type: none"> DR (Debit) CR (Credit)
AUTO_APPROVE_YN	T/F	Auto-approve?
COMMENTS_REQUIRED	T/F	Comments Required?
CHARGE_CODE	TBD	Charge Code
DEPT_GROUP	TBD	Department Group
CHARGE_CD	TBD	Charge Code
CHARGE_CODE_DESC	TBD	Charge Code Description
EQUIPMENT_ID	TBD	Equipment ID
EQUIPMENT_DESC	TBD	Equipment Description

ADJUSTMENT_YN	Y/N	Adjustment?
ASSIGNMENT_CD	TBD	Assignment Code
TRANSACTION_DT_SEQ	N	Transaction Date Sequence
ROWSTATE	C	Row State Status of the row, e.g. UNMODIFIED .
D_YYYYMMDD where YYYYMMDD is a date, e.g. D_20250430	Collection	Workday Contains parameters that pertain to a given workday. The parameter ID varies depending on the date it represents, e.g. D_20250430 for April 30th 2025.

Workday Collection

Parameter	Format	Description
HOURS	N	Hours
FMLA	T/F	Family Medical Leave Act (FMLA)?
STATUS	C(1)	Status
SEQ_NO	N	Sequence Number
MILAGE	N	Mileage
USER_COMMENTS	C	User Comments

COMMENTS	C	Comments Can contain embedded XML.
----------	---	--

OTHERTIME Collection

Parameter	Format	Description
DESCRIPTION	C	Description
D_YYYYMMDD where YYYYMMDD is a date, e.g. D_20250430	Collection	Other Time Workday Contains an HOURS (Other Time Hours) parameter. The parameter ID varies depending on the date it represents, e.g. D_20250430 for April 30th 2025.
ROW	Collection	Other Time Row

Workday Collection Within an OTHERTIME Collection

Parameter	Format	Description
HOURS	N	Other Time Hours
STATUS	C(1)	Status When there are multiple time records for a single date and unit/subunit, the status of the most recent should be reported.

ROW Collection Within an OTHERTIME Collection

Parameter	Format	Description
UNIT_ID	TBD	Unit ID

SUBUNIT_ID	C	Sub-unit ID
DESCRIPTION	C	Description
D_YYYYMMDD where YYYYMMDD is a date, e.g. D_20250430	Collection	Other Time Row Workday Contains an HOURS (Other Time Row Hours) parameter. The parameter ID varies depending on the date it represents, e.g. D_20250430 for April 30th 2025.
HOURS	N	Other Time Row Hours

TIMEBANK Collection

Parameter	Format	Description
PAYROLL_EMPL_NO	N(10)	Payroll Employee Number
TIME_BANK_DESCRIPTION	C	Time Bank Description
VISIBLE_TO_USER	T/F	Visible to User?
BEGIN_BALANCE	N	Begin Balance
CLOSING_BALANCE	N	Closing Balance
BANK_CODE	N	Time Bank Code
EARNING_CD	C(5)	Earning Code Indicates the type of earning, e.g. VACTN , SICK , or COMP .

TOTAL_CREDITS	N	Total Credits
TOTAL_DEBITS	N	Total Debits
INITIAL_DEBITS	N	Initial Debits
INITIAL_CREDITS	N	Initial Credits
DEBIT_CREDIT_FLAG	C(2)	Debit/Credit? Possible values: <ul style="list-style-type: none"> DR (Debit) CR (Credit)
OVERDRAWN_CODE	N	Overdrawn Code

GetTimeEntryEmployee OLD

The GetTimeEntryEmployee API is used to retrieve all time entries for an employee with the corresponding unit/sub-unit in the given date.

Request

```

<Request>
  <GetTimeEntryEmployee>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <START_DATE>20181217</START_DATE>
      <END_DATE>20181230</END_DATE>
      <SHIFT_CD>01E0T</SHIFT_CD>
    </Params>
  </GetTimeEntryEmployee>
</Request>

```

Reply

Success

```
<Reply>
  <GetTimeEntryEmployee>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <OTHERTIME>
        <D_20181230>
          <HOURS>0</HOURS>
        </D_20181230>
        <D_20181220>
          <HOURS>0</HOURS>
        </D_20181220>
        <D_20181227>
          <HOURS>0</HOURS>
        </D_20181227>
        <D_20181217>
          <HOURS>0</HOURS>
        </D_20181217>
        <D_20181228>
          <HOURS>0</HOURS>
        </D_20181228>
        <D_20181225>
          <HOURS>0</HOURS>
        </D_20181225>
        <D_20181226>
          <HOURS>0</HOURS>
        </D_20181226>
        <D_20181223>
          <HOURS>3</HOURS>
        </D_20181223>
        <DESCRIPTION>OTHER TIME</DESCRIPTION>
        <D_20181224>
          <HOURS>0</HOURS>
        </D_20181224>
        <D_20181221>
          <HOURS>3</HOURS>
        </D_20181221>
        <D_20181222>
          <HOURS>3</HOURS>
        </D_20181222>
      </OTHERTIME>
      <ROW>
        <UNIT_ID>1012</UNIT_ID>
        <D_20181223>
          <HOURS>3</HOURS>
        </D_20181223>
        <DESCRIPTION>1012 / 1012 01</DESCRIPTION>
        <D_20181221>
```



```

        <HOURS>3</HOURS>
    </D_20181221>
    <D_20181222>
        <HOURS>3</HOURS>
    </D_20181222>
    <SUBUNIT_ID>1012 01</SUBUNIT_ID>
    <D_20181219>
        <HOURS>3</HOURS>
    </D_20181219>
</ROW>
<D_20181218>
    <HOURS>0</HOURS>
</D_20181218>
<D_20181229>
    <HOURS>0</HOURS>
</D_20181229>
<D_20181219>
    <HOURS>3</HOURS>
</D_20181219>
</OTHERTIME>
<MLA_LINK_NUM>75345</MLA_LINK_NUM>
<USERCOMMENTS>
    <SEQ_NO>74924</SEQ_NO>
    <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
    <USER_COMMENTS>
        <C>
            <c>ffgfg</c>
            <t>Thu Dec 20 2018 2:12:55 PM</t>
            <u>sfg</u>
        </C>
    </USER_COMMENTS>
</USERCOMMENTS>
<ROW>
    <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
    <EARNING_CD>101WORK</EARNING_CD>
    <ASSIGNMENT_CD />
    <D_20181220>
        <STATUS>B</STATUS>
        <HOURS>8</HOURS>
        <SEQ_NO>75334</SEQ_NO>
        <COMMENTS />
        <USER_COMMENTS>
            <C>
                <c>aa</c>
                <t>Thu Dec 20 2018 2:13:35 PM</t>
                <u>sfg</u>
            </C>
        </USER_COMMENTS>
    </D_20181220>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <CHARGE_CODE />

```

```

<SEQ_NO>75332</SEQ_NO>
<D_20181221>
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75335</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181221>
<D_20181222>
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75336</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
<D_20181218>
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75332</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>

```

```

        </USER_COMMENTS>
    </D_20181219>
</ROW>
<ROW>
    <EARNING_CD>PERSONAL</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <EARNING_CD>VACATION</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<TIMEKEEPER_USER_ID>SFG</TIMEKEEPER_USER_ID>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</GetTimeEntryEmployee>
<pid>13064</pid>
<transNo>67</transNo>
</Reply>

```

Error

```

<Reply>
    <pid>13064</pid>
    <SetTimeEntryEmployee>
        <STATUS>0</STATUS>
        <Params>
            <UNIT_ID>6000</UNIT_ID>
            <STATUS>-1</STATUS>
            <EMPLOYEE_ID>100010</EMPLOYEE_ID>
            <SUBUNIT_ID>01</SUBUNIT_ID>
            <END_DATE>20181230</END_DATE>
            <USERCOMMENTS>
                <SEQ_NO>74924</SEQ_NO>
                <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
                <USER_COMMENTS>
                    <C>
                        <c>ffgfg</c>
                        <t>Thu Dec 20 2018 2:12:55 PM</t>
                        <u>sfg</u>
                    </C>
                </USER_COMMENTS>
            </USERCOMMENTS>

```

```

<START_DATE>20181217</START_DATE>
<ROW>
  <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
  <hasFlag>>false</hasFlag>
  <ERRORS>
    <ERROR_MESSAGE>HOURS value should be between -24 and 24</ERROR_MESSAGE>
    <ERROR_FIELD>HOURS</ERROR_FIELD>
  </ERRORS>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>101WORK</EARNING_CD>
  <ASSIGNMENT_CD />
  <D_20181220>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75334</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181220>
  <ROWSTATE>UPDATE</ROWSTATE>
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <CHARGE_CODE />
  <total>62</total>
  <SEQ_NO>75332</SEQ_NO>
  <D_20181221>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75335</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181221>
  <D_20181222>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75336</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181222>

```

```

        </C>
      </USER_COMMENTS>
    </D_20181222>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
    <D_20181218>
      <STATUS>A</STATUS>
      <HOURS>30</HOURS>
      <SEQ_NO>75332</SEQ_NO>
      <USER_COMMENTS>
        <C>
          <c>aa</c>
          <t>Thu Dec 20 2018 2:13:35 PM</t>
          <u>sfg</u>
        </C>
      </USER_COMMENTS>
    </D_20181218>
    <D_20181219>
      <STATUS>A</STATUS>
      <HOURS>8</HOURS>
      <SEQ_NO>75333</SEQ_NO>
      <COMMENTS />
      <USER_COMMENTS>
        <C>
          <c>aa</c>
          <t>Thu Dec 20 2018 2:13:35 PM</t>
          <u>sfg</u>
        </C>
      </USER_COMMENTS>
    </D_20181219>
  </ROW>
  <ROW>
    <TRANSACTION_DT_SEQ>75351</TRANSACTION_DT_SEQ>
    <total>0</total>
    <hasFlag>>false</hasFlag>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <EARNING_CD>PERSONAL</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  </ROW>
  <ROW>
    <TRANSACTION_DT_SEQ>75352</TRANSACTION_DT_SEQ>
    <total>0</total>
    <hasFlag>>false</hasFlag>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <EARNING_CD>VACATION</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>

```

```

        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
    </ROW>
    <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
<version>1</version>
</SetTimeEntryEmployee>
<transNo>73</transNo>
</Reply>

```

GetTimeEntryforApproval

The GetTimeEntryforApproval API is used to retrieve the approval time for multiple summaries.

Request

```

<Request>
  <GetTimeEntryforApproval>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <START_DATE>20181217</START_DATE>
      <END_DATE>20181230</END_DATE>
    </Params>
  </GetTimeEntryforApproval>
</Request>

```

Reply

Success

```

<Reply>
  <GetTimeEntryforApproval>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <SUMMARY>
        <TOTAL>40</TOTAL>
        <DECISION>Actual</DECISION>
        <D_20181221>
          <HOURS>8</HOURS>
        </D_20181221>
        <D_20181222>
          <HOURS>8</HOURS>
        </D_20181222>
        <D_20181220>
          <HOURS>8</HOURS>
        </D_20181220>
        <D_20181218>

```

```

        <HOURS>8</HOURS>
    </D_20181218>
    <D_20181219>
        <HOURS>8</HOURS>
    </D_20181219>
    <NAME>1</NAME>
</SUMMARY>
<SUMMARY>
    <TOTAL>0</TOTAL>
    <DECISION>Expected</DECISION>
    <D_20181221>
        <HOURS>0</HOURS>
    </D_20181221>
    <D_20181222>
        <HOURS>0</HOURS>
    </D_20181222>
    <D_20181220>
        <HOURS>0</HOURS>
    </D_20181220>
    <D_20181218>
        <HOURS>0</HOURS>
    </D_20181218>
    <D_20181219>
        <HOURS>0</HOURS>
    </D_20181219>
    <NAME>1</NAME>
</SUMMARY>
<ROW>
    <TOTAL>40</TOTAL>
    <DECISION />
    <EMPLOYEE_ID>100010</EMPLOYEE_ID>
    <EARNING_CD>101WORK</EARNING_CD>
    <ASSIGNMENT_CD />
    <APPROVERSTATUS>E</APPROVERSTATUS>
    <D_20181220>
        <APPSTATUS />
        <STATUS>B</STATUS>
        <HOURS>8</HOURS>
        <MLA_LINK_NUM>75353</MLA_LINK_NUM>
        <USER_COMMENTS>
            <C>
                <c>aa</c>
                <t>Thu Dec 20 2018 2:13:35 PM</t>
                <u>sfg</u>
            </C>
        </USER_COMMENTS>
    </D_20181220>
    <HASCOMMENTS>T</HASCOMMENTS>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <NAME>01 ADKINS, RAY</NAME>
    <D_20181221>

```

```

<APPSTATUS />
<STATUS>B</STATUS>
<HOURS>8</HOURS>
<MLA_LINK_NUM>75353</MLA_LINK_NUM>
<USER_COMMENTS>
  <C>
    <c>aa</c>
    <t>Thu Dec 20 2018 2:13:35 PM</t>
    <u>sfg</u>
  </C>
</USER_COMMENTS>
</D_20181221>
<D_20181222>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75353</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<MLA_LINK_NUM>75353</MLA_LINK_NUM>
<ISCURRENTAPPROVAL>F</ISCURRENTAPPROVAL>
<PAYROLL_EMPL_NO>0001780673</PAYROLL_EMPL_NO>
<D_20181218>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75353</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75353</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181219>

```



```

        </USER_COMMENTS>
      </D_20181219>
    </ROW>
    <STATUS_DESC>Multiple records found</STATUS_DESC>
  </Params>
  <version>1</version>
</GetTimeEntryforApproval>
<pid>18064</pid>
<transNo>82</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

Request Parameters

Parameter	Required	Format	Description
PAYROLL_EMPL_NO	TBD	C(10)	Employee Number Must exist in the <i>Employee Master</i> table (PA001T).

GetTimeEntryShiftDetails

The GetTimeEntryShiftDetails API is used to retrieve the shift start date, end date, number of the days, the days off and, the holidays.

Request

```

<Request>
  <GetTimeEntryShiftDetails>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <ASOFDATE>20181220</ASOFDATE>
    </Params>
  </GetTimeEntryShiftDetails>
</Request>

```

Reply

Success

```
<Reply>
  <GetTimeEntryShiftDetails>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <CYCLE_DAYS>14</CYCLE_DAYS>
      <SHIFT_CD>01E0T</SHIFT_CD>
      <DAY_OFF>D_20181217</DAY_OFF>
      <DAY_OFF>D_20181223</DAY_OFF>
      <DAY_OFF>D_20181224</DAY_OFF>
      <DAY_OFF>D_20181230</DAY_OFF>
      <END_DATE>20181230</END_DATE>
      <START_DATE>20181217</START_DATE>
      <TEPLEDITYN>F</TEPLEDITYN>
      <EFD_START_DT>20180101</EFD_START_DT>
      <STATUS_DESC>Record found</STATUS_DESC>
      <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    </Params>
    <version>1</version>
  </GetTimeEntryShiftDetails>
  <pid>13064</pid>
  <transNo>88</transNo>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetEmployeeDefaultMaintenance

The SetEmployeeDefaultMaintenance API is used to set employee defaults on the Time Entry screen.

Request

```
<Request>
  <SetEmployeeDefaultMaintenance>
    <Params>
      <EMPLOYEEDEFAULT>
        <ROWSTATE>ADD</ROWSTATE>
        <EARNING_CD>EACB01</EARNING_CD>
      </EMPLOYEEDEFAULT>
    </Params>
  </SetEmployeeDefaultMaintenance>
</Request>
```

```

        <UNIT_ID>123</UNIT_ID>
        <SUBUNIT_ID>Test</SUBUNIT_ID>
        <EMPLOYEE_ID>2ed</EMPLOYEE_ID>
    </EMPLOYEEDEFAULT>
</Params>
</SetEmployeeDefaultMaintenance>
</Request>

```

Reply

Success

```

<Params>
  <EMPLOYEEDEFAULT>
    <ROWSTATE>ADD</ROWSTATE>
    <EARNING_CD>EACB01</EARNING_CD>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test</SUBUNIT_ID>
    <EMPLOYEE_ID>2ed</EMPLOYEE_ID>
    <SEQ_NO>7605</SEQ_NO>
  </EMPLOYEEDEFAULT>
  <STATUS>0</STATUS>
  <STATUS_DESC>Save done</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <EMPLOYEEDEFAULT>
    <ROWSTATE>ADD</ROWSTATE>
    <EARNING_CD>EACB01</EARNING_CD>
    <UNIT_ID>123</UNIT_ID>
    <SUBUNIT_ID>Test</SUBUNIT_ID>
    <EMPLOYEE_ID>2ed</EMPLOYEE_ID>
    <SEQ_NO />
    <ERRORS>
      <ERROR_FIELD>EARNING_CD</ERROR_FIELD>
      <ERROR_MESSAGE>Earning Code exist. It must be unique!</ERROR_MESSAGE>
    </ERRORS>
  </EMPLOYEEDEFAULT>
  <ERRORS>
    <EMPLOYEEDEFAULT>T</EMPLOYEEDEFAULT>
  </ERRORS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

SetPlannedLeaveForApproval

The SetPlannedLeaveForApproval API is used to submit planned-leave requests for approval in the Planned Leave screen.

Request

```
<Request>
  <SetPannedLeaveForApproval>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <ROW>
        <START_DT>20181231</START_DT>
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <UNIT_ID>6000</UNIT_ID>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <UNIT_DESCRIPTION />
        <EMPLOYEE_NAME>01 ADKINS, RAY</EMPLOYEE_NAME>
        <ROWSTATE>UPDATE</ROWSTATE>
        <EARNING_CD>PERSONAL</EARNING_CD>
        <REASON_CD />
        <EARNING_CD_LONG_DESCRIPTION />
        <DAY_OFF_YN>F</DAY_OFF_YN>
        <END_DT>20181231</END_DT>
        <HOURS>8</HOURS>
        <START_TIME />
        <END_TIME />
        <SEQ_NO>75325</SEQ_NO>
        <STATUS>A</STATUS>
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
        <REPLACEMENT_GROUP_SEQ_NO />
        <REPLACEMENTSREQUIRED>>false</REPLACEMENTSREQUIRED>
        <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
        <LEAVE_TYPE>LEAVE</LEAVE_TYPE>
        <REQUEST_DESCRIPTION>PERSONAL, Personal Day</REQUEST_DESCRIPTION>
        <rid>8fbe2959-7c00-6bcd-b9a9-2bcc2c2aa01a</rid>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
      </ROW>
    </Params>
  </SetPannedLeaveForApproval>
</Request>
```

Reply

Success

```
<Reply>
  <SetPannedLeaveForApproval>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <ROW>
        <START_TIME />
        <LEAVE_TYPE>LEAVE</LEAVE_TYPE>
        <REPLACEMENT_GROUP_SEQ_NO />
        <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
        <COMMENTS />
        <rid>8fbe2959-7c00-6bcd-b9a9-2bcc2c2aa01a</rid>
        <DAY_OFF_YN>F</DAY_OFF_YN>
        <START_DT>20181231</START_DT>
        <REASON_CD />
        <STATUS>B</STATUS>
        <END_TIME />
        <SEQ_NO>75325</SEQ_NO>
        <UNIT_DESCRIPTION />
        <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
        <REQUEST_DESCRIPTION>PERSONAL, Personal Day</REQUEST_DESCRIPTION>
        <EARNING_CD>PERSONAL</EARNING_CD>
        <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
        <EMPLOYEE_NAME>01 ADKINS, RAY</EMPLOYEE_NAME>
        <ROWSTATE>UPDATE</ROWSTATE>
        <HOURS>8</HOURS>
        <MLA_LINK_NUM>75327</MLA_LINK_NUM>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <END_DT>20181231</END_DT>
        <EARNING_CD_LONG_DESCRIPTION />
        <REPLACEMENTSREQUIRED>>false</REPLACEMENTSREQUIRED>
      </ROW>
      <STATUS_DESC>Save done</STATUS_DESC>
    </Params>
    <version>1</version>
  </SetPannedLeaveForApproval>
  <pid>18064</pid>
  <transNo>68</transNo>
</Reply>
```

Error

```
<Params>
  <UNIT_ID>ELECTRIC</UNIT_ID>
  <SUBUNIT_ID>CAP 1</SUBUNIT_ID>
  <EMPLOYEE_ID>Albert Anderson</EMPLOYEE_ID>
  <ROW>
    <EARNING_CD>SICKPL</EARNING_CD>
    <EARNING_CD_DESCRIPTION>Sick pay type</EARNING_CD_DESCRIPTION>
    <CHARGE_CODE>12222231-1</CHARGE_CODE>
    <DEPT_GROUP />
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <HOURS>8</HOURS>
    <START_TIME />
    <END_TIME />
    <START_DT>20170410</START_DT>
    <END_DT>20170410</END_DT>
    <ROWSTATE>ADD</ROWSTATE>
    <rid>89de0f85-6ec6-7895-ff87-7f79dba99b32</rid>
    <STATUS>B</STATUS>
    <SEQ_NO />
    <ERRORS>
      <ERROR_FIELD>CHARGE_CODE</ERROR_FIELD>
      <ERROR_MESSAGE>Charge Code is not valid!</ERROR_MESSAGE>
    </ERRORS>
  </ROW>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

SetTimeEntryEmployee

The SetTimeEntryEmployee API is used to add or modify time entry for an employee, using the *Save* button. To allow users to enter and save shift hours day by day rather than requiring all days to be entered before saving, the SetTimeEntryEmployee API validates only the shift daily maximum and minimum on the day level and doesn't validate the shift total.

Request Syntax

```
<Request>
  <SetTimeEntryEmployee>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <EMPLOYEE_ID></EMPLOYEE_ID>
      <START_DATE></START_DATE>
      <END_DATE></END_DATE>
      <ROW>
```

```

<TRANSACTION_DT_SEQ></TRANSACTION_DT_SEQ>
<EARNING_CD></EARNING_CD>
<ASSIGNMENT_CD />
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<ROWSTATE></ROWSTATE>
<AUTO_APPROVE_YN></AUTO_APPROVE_YN>
<CHARGE_CODE />
<SEQ_NO></SEQ_NO>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<COMMENTS_REQUIRED></COMMENTS_REQUIRED>
<D_YYYYMMDD>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <USER_COMMENTS></USER_COMMENTS>
  <STATUS></STATUS>
</D_YYYYMMDD>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<total></total>
<hasApprovedStatus></hasApprovedStatus>
<hasFlag></hasFlag>
</ROW>
<ROW>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN></AUTO_APPROVE_YN>

```

```

    <COMMENTS_REQUIRED></COMMENTS_REQUIRED>
    <total></total>
    <hasApprovedStatus></hasApprovedStatus>
    <hasFlag></hasFlag>
  </ROW>
  <ROW>
    <EARNING_CD>VACATION</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN></AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED></COMMENTS_REQUIRED>
    <total></total>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <hasFlag>>false</hasFlag>
  </ROW>
  <USERCOMMENTS>
    <SEQ_NO></SEQ_NO>
    <LEGAL_DISCLAIMER_DATE></LEGAL_DISCLAIMER_DATE>
    <USER_COMMENTS></USER_COMMENTS>
  </USERCOMMENTS>
</Params>
</SetTimeEntryEmployee>
</Request>

```

Reply

Success

```

<Reply>
  <pid>13064</pid>
  <SetTimeEntryEmployee>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <END_DATE>20181230</END_DATE>
      <USERCOMMENTS>
        <SEQ_NO>74924</SEQ_NO>
        <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
        <USER_COMMENTS>
          <C>
            <c>ffgfg</c>
            <t>Thu Dec 20 2018 2:12:55 PM</t>
            <u>sfg</u>
          </C>
        </USER_COMMENTS>
      </USERCOMMENTS>
    </Params>
  </SetTimeEntryEmployee>
</Reply>

```



```

<START_DATE>20181217</START_DATE>
<ROW>
  <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>101WORK</EARNING_CD>
  <ASSIGNMENT_CD />
  <D_20181220>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75334</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181220>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <CHARGE_CODE />
  <total>41</total>
  <SEQ_NO>75332</SEQ_NO>
  <D_20181221>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75335</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181221>
  <D_20181222>
    <STATUS>A</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75336</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181222>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>

```

```

<D_20181218>
  <STATUS>A</STATUS>
  <HOURS>9</HOURS>
  <SEQ_NO>75332</SEQ_NO>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181219>
</ROW>
<ROW>
  <TRANSACTION_DT_SEQ>75357</TRANSACTION_DT_SEQ>
  <total>0</total>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <TRANSACTION_DT_SEQ>75358</TRANSACTION_DT_SEQ>
  <total>0</total>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>VACATION</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>

```

```

    <version>1</version>
  </SetTimeEntryEmployee>
  <transNo>99</transNo>
</Reply>

```

Error

```

<Reply>
  <pid>18064</pid>
  <SetTimeEntryEmployee>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>-1</STATUS>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <END_DATE>20181230</END_DATE>
      <USERCOMMENTS>
        <SEQ_NO>74924</SEQ_NO>
        <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
        <USER_COMMENTS>
          <C>
            <c>ffgfg</c>
            <t>Thu Dec 20 2018 2:12:55 PM</t>
            <u>sfg</u>
          </C>
        </USER_COMMENTS>
      </USERCOMMENTS>
      <START_DATE>20181217</START_DATE>
      <ROW>
        <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
        <hasFlag>false</hasFlag>
        <ERRORS>
          <ERROR_MESSAGE>HOURS value should be between -24 and 24</ERROR_MESSAGE>
          <ERROR_FIELD>HOURS</ERROR_FIELD>
        </ERRORS>
        <hasApprovedStatus>false</hasApprovedStatus>
        <EARNING_CD>101WORK</EARNING_CD>
        <ASSIGNMENT_CD />
        <D_20181220>
          <STATUS>A</STATUS>
          <HOURS>8</HOURS>
          <SEQ_NO>75334</SEQ_NO>
          <COMMENTS />
          <USER_COMMENTS>
            <C>
              <c>aa</c>
              <t>Thu Dec 20 2018 2:13:35 PM</t>
              <u>sfg</u>
            </C>
          </USER_COMMENTS>
        </D_20181220>
      </ROW>
    </Params>
  </SetTimeEntryEmployee>
</Reply>

```

```

</D_20181220>
<ROWSTATE>UPDATE</ROWSTATE>
<AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
<CHARGE_CODE />
<total>62</total>
<SEQ_NO>75332</SEQ_NO>
<D_20181221>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75335</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181221>
<D_20181222>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75336</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
<D_20181218>
  <STATUS>A</STATUS>
  <HOURS>30</HOURS>
  <SEQ_NO>75332</SEQ_NO>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>

```

```

        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
    </C>
    </USER_COMMENTS>
    </D_20181219>
</ROW>
<ROW>
    <TRANSACTION_DT_SEQ>75365</TRANSACTION_DT_SEQ>
    <total>0</total>
    <hasFlag>>false</hasFlag>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <EARNING_CD>PERSONAL</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <TRANSACTION_DT_SEQ>75366</TRANSACTION_DT_SEQ>
    <total>0</total>
    <hasFlag>>false</hasFlag>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <EARNING_CD>VACATION</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
    <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
    <version>1</version>
</SetTimeEntryEmployee>
    <transNo>18</transNo>
</Reply>

```

Request Parameters

Parameter	Required	Format	Description
UNIT_ID	TBD	C	Unit ID
SUBUNIT	TBD	C	Subunit

EMPLOYEE_ID	TBD	N	Employee Id
START_DATE	TBD	YYYYMMDD	Start Date
END_DATE	TBD	YYYYMMDD	End Date
ROW	TBD	Collection	Row Contains parameters pertaining to a full shift with reported hours.
USERCOMMENTS	TBD	Collection	User Comments Contains parameters pertaining to user comments.

Row Collection

Parameter	Required	Format	Description
EQUIPMENT_DESC	TBD	TBD	Equipment Description
ADJUSTMENT_YN	TBD	Y/N	Adjustment
SEQ_NO	Optional	N	Sequence Number For records that do not have the SEQ_NO tag, it means that the line has been added. For records that have the SEQ_NO tag, it means that the line has been modified.
DEBIT_CREDIT_FL AG	TBD	TBD	Debit Credit Flag

BANK_CODE	TBD	TBD	Bank Code
COMMENTS_REQUIR ED	TBD	TBD	Comments Required
TRANSACTION_DT_ SEQ	TBD	N	Transaction Date Sequence
MILAGE	TBD	TBD	Milage
CHARGE_CODE_DES C	TBD	C	Charge Code Description
CHARGE_CD	TBD	TBD	Charge Code
EARNING_CD	TBD	C	Earning Code
ASSIGNMENT_CD	TBD	TBD	Assignment Code

ROWSTATE	TBD	C	<p>Row State</p> <p>Possible values:</p> <ul style="list-style-type: none"> • ADD : The information is new (a new unit/sub-unit or a new line in the grid) and needs to be added to the database. In this situation, the response needs to contain the SEQ_NO tag. • UPDATE : The information is updated (unit/sub-unit or a new line in the grid) and needs to be updated in the database. In this situation, the call needs to contain the SEQ_NO tag. • DELETE : The information has been deleted (unit/sub-unit or a new line in the grid) and also needs to be deleted from the database. In this situation, the call needs to contain the SEQ_NO tag.
----------	-----	---	---

			<ul style="list-style-type: none"> UNMODIFIED : The record is unchanged.
D_YYYYMMDD	TBD	Collection	Shift Date <ul style="list-style-type: none"> Row pertaining to the specified date. When a day has an override daily min and/or max defined (TE311M), this value is included in the calculation and the default min/max is ignored for this day. Default daily min/max applies for days with no override.
total	TBD	N	Total
hasApprovedStatus	TBD	C	Has Approved Status
hasFlag	TBD	C	Has Flag

D_YYYYMMDD Collection

Parameter	Required	Format	Description
STATUS	TBD	C	Status
MILAGE	TBD	TBD	Milage

HOURS	TBD	N	Hours <ul style="list-style-type: none"> • If reported hours are less than the daily minimum shift hours for a given day, an error is reported. • If the reported hours are greater than the daily maximum shift hours, an error is reported. • If the sheet total hours are less than the shift total minimum hours, an error is reported. • If the sheet total hours are greater than the shift total maximum hours, an error is reported.
SEQ_NO	Optional	N	Sequence Number For records that do not have the SEQ_NO tag, it means that the line has been added. For records that have the SEQ_NO tag, it means that the line has been modified.
COMMENTS	TBD	C	Comments
USER_COMMENTS	TBD	C	User Comments

User Comments Collection

Parameter	Required	Format	Description
SEQ_NO	TBD	N	Sequence Number
LEGAL_DISCLAIMER_DATE	TBD	YYYYMMDD	Legal Disclaimer Date
USER_COMMENTS	TBD	C	User Comments

Reply Parameters

Parameter	Format	Description
STATUS	N	Status Code
STATUS_DESC	C	Status Description Indicates any error messages.
ACTION_NR	N	Action Number

SetTimeEntryForApproval

The SetTimeEntryForApproval API is used to set time entry for approval.

Request Syntax

```
<Request>
  <SetTimeEntryForApproval>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <EMPLOYEE_ID></EMPLOYEE_ID>
      <START_DATE></START_DATE>
      <END_DATE></END_DATE>
      <ROW>
        <TRANSACTION_DT_SEQ></TRANSACTION_DT_SEQ>
        <EARNING_CD>101WORK</EARNING_CD>
        <ASSIGNMENT_CD />
      </ROW>
    </Params>
  </SetTimeEntryForApproval>
</Request>
```

```

<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<ROWSTATE></ROWSTATE>
<AUTO_APPROVE_YN></AUTO_APPROVE_YN>
<CHARGE_CODE />
<SEQ_NO></SEQ_NO>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<COMMENTS_REQUIRED></COMMENTS_REQUIRED>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<D_YYYYMMDD>
  <STATUS></STATUS>
  <HOURS></HOURS>
  <SEQ_NO></SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS></USER_COMMENTS>
</D_YYYYMMDD>
<total></total>
<hasApprovedStatus></hasApprovedStatus>
<hasFlag></hasFlag>
</ROW>
<ROW>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN></AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED></COMMENTS_REQUIRED>
  <total></total>

```

```

    <hasApprovedStatus></hasApprovedStatus>
    <hasFlag></hasFlag>
  </ROW>
  <ROW>
    <EARNING_CD></EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE></ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN></AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED></COMMENTS_REQUIRED>
    <total></total>
    <hasApprovedStatus></hasApprovedStatus>
    <hasFlag></hasFlag>
  </ROW>
  <USERCOMMENTS>
    <SEQ_NO></SEQ_NO>
    <LEGAL_DISCLAIMER_DATE></LEGAL_DISCLAIMER_DATE>
    <USER_COMMENTS></USER_COMMENTS>
  </USERCOMMENTS>
</Params>
</SetTimeEntryForApproval>
</Request>

```

Reply Syntax

Success

```

<Reply>
  <pid>18064</pid>
  <transNo>6</transNo>
  <SetTimeEntryForApproval>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <END_DATE>20181230</END_DATE>
      <USERCOMMENTS>
        <SEQ_NO>74924</SEQ_NO>
        <LEGAL_DISCLAIMER_DATE>2018-12-20</LEGAL_DISCLAIMER_DATE>
        <USER_COMMENTS>
          <C>
            <c>ffgfg</c>
            <t>Thu Dec 20 2018 2:12:55 PM</t>
            <u>sfg</u>
          </C>
        </USER_COMMENTS>
      </USERCOMMENTS>
    <START_DATE>20181217</START_DATE>
  </SetTimeEntryForApproval>
</Reply>

```

```

<ROW>
  <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>101WORK</EARNING_CD>
  <ASSIGNMENT_CD />
  <D_20181220>
    <STATUS>B</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75334</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181220>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <CHARGE_CODE />
  <total>41</total>
  <SEQ_NO>75332</SEQ_NO>
  <D_20181221>
    <STATUS>B</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75335</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181221>
  <D_20181222>
    <STATUS>B</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75336</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181222>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  <D_20181218>

```

```

<STATUS>B</STATUS>
<HOURS>9</HOURS>
<SEQ_NO>75332</SEQ_NO>
<COMMENTS />
<USER_COMMENTS>
  <C>
    <c>aa</c>
    <t>Thu Dec 20 2018 2:13:35 PM</t>
    <u>sfg</u>
  </C>
</USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181219>
</ROW>
<ROW>
  <TRANSACTION_DT_SEQ>75360</TRANSACTION_DT_SEQ>
  <total>0</total>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <TRANSACTION_DT_SEQ>75361</TRANSACTION_DT_SEQ>
  <total>0</total>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>VACATION</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<TIMEKEEPER_USER_ID>SFG</TIMEKEEPER_USER_ID>
<STATUS_DESC>Save done</STATUS_DESC>

```

```

    </Params>
    <version>1</version>
  </SetTimeEntryForApproval>
</Reply>

```

Error

```

<Reply>
  <pid>18064</pid>
  <SetTimeEntryEmployee>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>-1</STATUS>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <END_DATE>20181230</END_DATE>
      <USERCOMMENTS>
        <SEQ_NO>74924</SEQ_NO>
        <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
        <USER_COMMENTS>
          <C>
            <c>ffgfg</c>
            <t>Thu Dec 20 2018 2:12:55 PM</t>
            <u>sfg</u>
          </C>
        </USER_COMMENTS>
      </USERCOMMENTS>
      <START_DATE>20181217</START_DATE>
      <ROW>
        <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
        <hasFlag>>false</hasFlag>
        <ERRORS>
          <ERROR_MESSAGE>HOURS value should be between -24 and 24</ERROR_MESSAGE>
          <ERROR_FIELD>HOURS</ERROR_FIELD>
        </ERRORS>
        <hasApprovedStatus>>false</hasApprovedStatus>
        <EARNING_CD>101WORK</EARNING_CD>
        <ASSIGNMENT_CD />
        <D_20181220>
          <STATUS>A</STATUS>
          <HOURS>8</HOURS>
          <SEQ_NO>75334</SEQ_NO>
          <COMMENTS />
          <USER_COMMENTS>
            <C>
              <c>aa</c>
              <t>Thu Dec 20 2018 2:13:35 PM</t>
              <u>sfg</u>
            </C>
          </USER_COMMENTS>
        </D_20181220>
      </ROW>
    </Params>
  </SetTimeEntryEmployee>
</Reply>

```



```

</D_20181220>
<ROWSTATE>UPDATE</ROWSTATE>
<AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
<CHARGE_CODE />
<total>62</total>
<SEQ_NO>75332</SEQ_NO>
<D_20181221>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75335</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181221>
<D_20181222>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75336</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
<D_20181218>
  <STATUS>A</STATUS>
  <HOURS>30</HOURS>
  <SEQ_NO>75332</SEQ_NO>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>

```

```

        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
    </C>
    </USER_COMMENTS>
</D_20181219>
</ROW>
<ROW>
    <TRANSACTION_DT_SEQ>75365</TRANSACTION_DT_SEQ>
    <total>0</total>
    <hasFlag>>false</hasFlag>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <EARNING_CD>PERSONAL</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
    <TRANSACTION_DT_SEQ>75366</TRANSACTION_DT_SEQ>
    <total>0</total>
    <hasFlag>>false</hasFlag>
    <hasApprovedStatus>>false</hasApprovedStatus>
    <EARNING_CD>VACATION</EARNING_CD>
    <ASSIGNMENT_CD />
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <CHARGE_CODE />
    <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
    <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
    <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
    <version>1</version>
</SetTimeEntryEmployee>
    <transNo>18</transNo>
</Reply>

```

Request Parameters

Parameter	Required	Format	Description
UNIT_ID	TBD	C	Unit ID
SUBUNIT	TBD	C	Subunit
EMPLOYEE_ID	TBD	N	Employee Id

START_DATE	TBD	YYYYMMDD	Start Date
END_DATE	TBD	YYYYMMDD	End Date
ROW	TBD	Collection	Row Contains parameters pertaining to a full shift with reported hours.
USERCOMMENTS	TBD	Collection	User Comments Contains parameters pertaining to user comments.

Row Collection

Parameter	Required	Format	Description
TRANSACTION_DT_SEQ	TBD	TBD	Transaction Date Sequence
EARNING_CD	TBD	TBD	Earning Code
ASSIGNMENT_CD	Optional	N	Assignment Code

ROWSTATE	TBD	TBD	<p>Row State</p> <p>Possible values:</p> <ul style="list-style-type: none"> • ADD : The information is new (a new unit/sub-unit or a new line in the grid) and needs to be added to the database. In this situation, the response needs to contain the SEQ_NO tag. • UPDATE : The information is updated (unit/sub-unit or a new line in the grid) and needs to be updated in the database. In this situation, the call needs to contain the SEQ_NO tag. • DELETE : The information has been deleted (unit/sub-unit or a new line in the grid) and also needs to be deleted from the database. In this situation, the call needs to contain the SEQ_NO tag.
----------	-----	-----	---

			<ul style="list-style-type: none"> UNMODIFIED : The record is unchanged.
CHARGE_CODE	TBD	TBD	Charge Code
AUTO_APPROVE_YN	TBD	Y/N	Auto Approve
COMMENTS_REQUIRED	TBD	N	Comments Required
total	TBD	TBD	Total Total shift hours, which only includes working days when performing shift total minimum and maximum validation.
hasApprovedStatus	TBD	C	Has Approved Status
hasFlag	TBD	C	Has Flag

D_YYYYMMDD	TBD	Collection	Shift Date <ul style="list-style-type: none"> Row pertaining to the specified date. When a day has an override daily min and/or max defined (TE311M), this value is included in the calculation and the default min/max is ignored for this day. Default daily min/max applies for days with no override.
------------	-----	------------	--

D_YYYYMMDD Collection

Parameter	Required	Format	Description
STATUS	TBD	C(20)	Status

HOURS	TBD	N	Hours <ul style="list-style-type: none"> • If reported hours are less than the daily minimum shift hours for a given day, an error is reported. • If the reported hours are greater than the daily maximum shift hours, an error is reported. • If the sheet total hours are less than the shift total minimum hours, an error is reported. • If the sheet total hours are greater than the shift total maximum hours, an error is reported.
SEQ_NO	Optional	N(11)	Sequence Number For records that do not have the SEQ_NO tag, it means that the line has been added. For records that have the SEQ_NO tag, it means that the line has been modified.
COMMENTS	TBD	C	Comments
USER_COMMENTS	TBD	C	User Comments

User Comments Collection

Parameter	Required	Format	Description
SEQ_NO	TBD	N(11)	Sequence Number
LEGAL_DISCLAIMER_DATE	TBD	YYYYMMDD	Legal Disclaimer Date
USER_COMMENTS	TBD	C	User Comments

Reply Parameters

Parameter	Format	Description
STATUS	N	Status Code
STATUS_DESC	C	Status Description Indicates any error messages.
ACTION_NR	N	Action Number

SetTimeEntryForProcess

The SetTimeEntryForProcess API is used to approve or reject the time entry using the Process button within the Time Entry Approval View.

Request

For Approval

```
<Request>
  <SetTimeEntryForProcess>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <START_DATE>20181217</START_DATE>
      <END_DATE>20181230</END_DATE>
      <ROW>
        <TOTAL>41</TOTAL>
        <DECISION>E</DECISION>
```



```

<EMPLOYEE_ID>100010</EMPLOYEE_ID>
<EARNING_CD>101WORK</EARNING_CD>
<ASSIGNMENT_CD />
<APPROVERSTATUS>E</APPROVERSTATUS>
<D_20181220>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75372</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181220>
<HASCOMMENTS>T</HASCOMMENTS>
<ROWSTATE>UPDATE</ROWSTATE>
<CHARGE_CODE />
<NAME>01 ADKINS, RAY</NAME>
<D_20181221>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75372</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181221>
<D_20181222>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75372</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<MLA_LINK_NUM>75372</MLA_LINK_NUM>
<ISCURRENTAPPROVAL>T</ISCURRENTAPPROVAL>
<D_20181218>
  <APPSTATUS />
  <STATUS>B</STATUS>
  <HOURS>9</HOURS>

```

```

        <MLA_LINK_NUM>75372</MLA_LINK_NUM>
        <USER_COMMENTS>
            <C>
                <c>aa</c>
                <t>Thu Dec 20 2018 2:13:35 PM</t>
                <u>sfg</u>
            </C>
        </USER_COMMENTS>
    </D_20181218>
    <D_20181219>
        <APPSTATUS />
        <STATUS>B</STATUS>
        <HOURS>8</HOURS>
        <MLA_LINK_NUM>75372</MLA_LINK_NUM>
        <USER_COMMENTS>
            <C>
                <c>aa</c>
                <t>Thu Dec 20 2018 2:13:35 PM</t>
                <u>sfg</u>
            </C>
        </USER_COMMENTS>
    </D_20181219>
    <IS_DISABLED>>false</IS_DISABLED>
    <COMMENTS />
</ROW>
</Params>
</SetTimeEntryForProcess>
</Request>

```

For Rejection

```

<Request>
  <SetTimeEntryForProcess>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <START_DATE>20181217</START_DATE>
      <END_DATE>20181230</END_DATE>
      <ROW>
        <TOTAL>41</TOTAL>
        <DECISION>C</DECISION>
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <EARNING_CD>101WORK</EARNING_CD>
        <SUBSTITUTE_APPROVER>SFG</SUBSTITUTE_APPROVER>
        <ASSIGNMENT_CD />
        <APPROVERSTATUS>E</APPROVERSTATUS>
      </D_20181220>
        <APPSTATUS />
        <STATUS>E</STATUS>
        <HOURS>8</HOURS>
        <MLA_LINK_NUM>75372</MLA_LINK_NUM>
        <USER_COMMENTS>

```

```

        <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181220>
<HASCOMMENTS>T</HASCOMMENTS>
<ROWSTATE>UPDATE</ROWSTATE>
<CHARGE_CODE />
<NAME>01 ADKINS, RAY</NAME>
<D_20181221>
    <APPSTATUS />
    <STATUS>E</STATUS>
    <HOURS>8</HOURS>
    <MLA_LINK_NUM>75372</MLA_LINK_NUM>
    <USER_COMMENTS>
        <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181221>
<D_20181222>
    <APPSTATUS />
    <STATUS>E</STATUS>
    <HOURS>8</HOURS>
    <MLA_LINK_NUM>75372</MLA_LINK_NUM>
    <USER_COMMENTS>
        <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181222>
<MLA_LINK_NUM>75372</MLA_LINK_NUM>
<ISCURRENTAPPROVAL>T</ISCURRENTAPPROVAL>
<D_20181218>
    <APPSTATUS />
    <STATUS>E</STATUS>
    <HOURS>9</HOURS>
    <MLA_LINK_NUM>75372</MLA_LINK_NUM>
    <USER_COMMENTS>
        <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181218>
<D_20181219>

```

```

<APPSTATUS />
<STATUS>E</STATUS>
<HOURS>8</HOURS>
<MLA_LINK_NUM>75372</MLA_LINK_NUM>
<USER_COMMENTS>
  <C>
    <c>aa</c>
    <t>Thu Dec 20 2018 2:13:35 PM</t>
    <u>sfg</u>
  </C>
</USER_COMMENTS>
</D_20181219>
<IS_DISABLED>>false</IS_DISABLED>
<REJECTEDROWS>
  <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
  <EARNING_CD>101WORK</EARNING_CD>
  <ASSIGNMENT_CD />
  <D_20181220>
    <STATUS>E</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75334</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181220>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <CHARGE_CODE />
  <SEQ_NO>75332</SEQ_NO>
  <D_20181221>
    <STATUS>E</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75335</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181221>
  <D_20181222>
    <STATUS>E</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75336</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>

```

```

    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<ISCURRENTAPPROVAL>T</ISCURRENTAPPROVAL>
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
<D_20181218>
  <STATUS>E</STATUS>
  <HOURS>9</HOURS>
  <SEQ_NO>75332</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>E</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181219>
<total>41</total>
<hasApprovedStatus>>false</hasApprovedStatus>
<hasFlag>>false</hasFlag>
<rowConfig>
  <disabledConfig>
    <D_20181220>>true</D_20181220>
    <EARNING_CD>>true</EARNING_CD>
    <CHARGE_CODE>>true</CHARGE_CODE>
    <ASSIGNMENT_CD>>true</ASSIGNMENT_CD>
    <rid>>true</rid>
    <ACTION>>true</ACTION>
    <D_20181221>>true</D_20181221>
    <D_20181222>>true</D_20181222>
    <D_20181218>>true</D_20181218>
    <D_20181219>>true</D_20181219>
  </disabledConfig>
  <isTimeEntry>true</isTimeEntry>
</rowConfig>

```

```

    </REJECTEDROWS>
    <COMMENTS>
      <C>
        <c>you have to change</c>
        <t>Thu Dec 20 2018 3:11:27 PM</t>
        <u>ta2</u>
      </C>
    </COMMENTS>
  </ROW>
</Params>
</SetTimeEntryForProcess>
</Request>

```

Reply

Success

```

<Reply>
  <pid>15528</pid>
  <transNo>72</transNo>
  <SetTimeEntryForProcess>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <END_DATE>20181230</END_DATE>
      <START_DATE>20181217</START_DATE>
      <ROW>
        <TOTAL>41</TOTAL>
        <TRANSACTION_DT_SEQ>75375</TRANSACTION_DT_SEQ>
        <DECISION>E</DECISION>
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <EARNING_CD>101WORK</EARNING_CD>
        <ASSIGNMENT_CD></ASSIGNMENT_CD>
        <APPROVERSTATUS>E</APPROVERSTATUS>
        <D_20181220>
          <APPSTATUS></APPSTATUS>
          <STATUS>E</STATUS>
          <HOURS>8</HOURS>
          <MLA_LINK_NUM>75372</MLA_LINK_NUM>
          <USER_COMMENTS>
            <C>
              <c>aa</c>
              <t>Thu Dec 20 2018 2:13:35 PM</t>
              <u>sfg</u>
            </C>
          </USER_COMMENTS>
        </D_20181220>
        <IS_DISABLED>>false</IS_DISABLED>
      </ROW>
    </Params>
  </SetTimeEntryForProcess>
</Reply>

```

```

<COMMENTS></COMMENTS>
<HASCOMMENTS>T</HASCOMMENTS>
<ROWSTATE>UNMODIFIED</ROWSTATE>
<CHARGE_CODE></CHARGE_CODE>
<NAME>01 ADKINS, RAY</NAME>
<TEST>SELECT DISTINCT MLA_LINK_NUM FROM TE101T WHERE
UPPER(UNIT_ID) = UPPER('6000') AND UPPER(SUBUNIT_ID) = UPPER('01') AND
UPPER(EMPLOYEE_ID) = UPPER('100010') AND MLA_LINK_NUM > 0 AND TRANSACTION_DT
>= TO_DATE('20181217','yyyymmdd') AND TRANSACTION_DT <=
TO_DATE('20181230','yyyymmdd')</TEST>
<D_20181221>
  <APPSTATUS></APPSTATUS>
  <STATUS>E</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75372</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181221>
<D_20181222>
  <APPSTATUS></APPSTATUS>
  <STATUS>E</STATUS>
  <HOURS>8</HOURS>
  <MLA_LINK_NUM>75372</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<MLA_LINK_NUM>75372</MLA_LINK_NUM>
<ISCURRENTAPPROVAL>T</ISCURRENTAPPROVAL>
<D_20181218>
  <APPSTATUS></APPSTATUS>
  <STATUS>E</STATUS>
  <HOURS>9</HOURS>
  <MLA_LINK_NUM>75372</MLA_LINK_NUM>
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>

```

```

    <APPSTATUS></APPSTATUS>
    <STATUS>E</STATUS>
    <HOURS>8</HOURS>
    <MLA_LINK_NUM>75372</MLA_LINK_NUM>
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181219>
  <TEST1>DA</TEST1>
</ROW>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetTimeEntryForProcess>
</Reply>

```

Error

```

<Params>

  <UNIT_ID>Financial</UNIT_ID>
  <START_DATE>20170317</START_DATE>
  <END_DATE>20170321</END_DATE>
  <ROW>

    <D_20170317>

      <STATUS>B</STATUS>
      <HOURS>6</HOURS>

    </D_20170317>
    <D_20170318>

      <STATUS>A</STATUS>
      <HOURS>6</HOURS>

    </D_20170318>
    <DECISION>C</DECISION>
    <D_20170319>

      <HOURS>0</HOURS>

    </D_20170319>
    <EMPLOYEE_ID>ICGUSER</EMPLOYEE_ID>
    <Total>16</Total>
    <D_20170320>

      <STATUS>A</STATUS>
      <HOURS>4</HOURS>

    </D_20170320>
    <HASCOMMENTS>T</HASCOMMENTS>
    <NAME>1 Nume Fain</NAME>
    <EDITABLE>true</EDITABLE>
    <REJECTEDROWS>

      <EQUIP_NO/>
      <D_20170317>

```



```

                                <STATUS>B</STATUS>
                                <HOURS>6</HOURS>
                                <SEQ_NO>7444</SEQ_NO>
                                </D_20170317>
                                <SEQ_NO>7444</SEQ_NO>
                                <EARNING_CD>EACB01</EARNING_CD>
                                <COMMENTS/>
                                <ROWSTATE>UNMODIFIED</ROWSTATE>
                                <CHARGE_CODE>000000000000002315</
CHARGE_CODE>
                                <USER_COMMENTS/>
                                <total>6</total>
                                </REJECTEDROWS>
                                <ERRORS>
                                <ERROR_FIELD>COMMENTS</ERROR_FIELD>
                                <ERROR_MESSAGE>Comments are mandatory
when Time Entry is rejected!</ERROR_MESSAGE>
                                </ERRORS>
                                </ROW>
                                <STATUS>-1</STATUS>
                                <STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

SetTimeEntryPending

The SetTimeEntryPending API is used to set time entry back to a status of Pending using the Un-Submit button.

Request

```

<Request>
  <SetTimeEntryPending>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <START_DATE>20181217</START_DATE>
      <END_DATE>20181230</END_DATE>
      <ROW>
        <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
        <EARNING_CD>101WORK</EARNING_CD>
        <ASSIGNMENT_CD />
        <D_20181220>
          <STATUS>B</STATUS>
          <HOURS>8</HOURS>
          <SEQ_NO>75334</SEQ_NO>
          <COMMENTS />
          <USER_COMMENTS>
            <C>
              <c>aa</c>

```

```

        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
    </C>
</USER_COMMENTS>
</D_20181220>
<ROWSTATE>UNMODIFIED</ROWSTATE>
<AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
<CHARGE_CODE />
<SEQ_NO>75332</SEQ_NO>
<D_20181221>
    <STATUS>B</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75335</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
        <C>
            <c>aa</c>
            <t>Thu Dec 20 2018 2:13:35 PM</t>
            <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181221>
<D_20181222>
    <STATUS>B</STATUS>
    <HOURS>8</HOURS>
    <SEQ_NO>75336</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
        <C>
            <c>aa</c>
            <t>Thu Dec 20 2018 2:13:35 PM</t>
            <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181222>
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
<D_20181218>
    <STATUS>B</STATUS>
    <HOURS>9</HOURS>
    <SEQ_NO>75332</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
        <C>
            <c>aa</c>
            <t>Thu Dec 20 2018 2:13:35 PM</t>
            <u>sfg</u>
        </C>
    </USER_COMMENTS>
</D_20181218>
<D_20181219>
    <STATUS>B</STATUS>
    <HOURS>8</HOURS>

```

```

    <SEQ_NO>75333</SEQ_NO>
    <COMMENTS />
    <USER_COMMENTS>
      <C>
        <c>aa</c>
        <t>Thu Dec 20 2018 2:13:35 PM</t>
        <u>sfg</u>
      </C>
    </USER_COMMENTS>
  </D_20181219>
  <total>41</total>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <hasFlag>>false</hasFlag>
</ROW>
<ROW>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  <total>0</total>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <hasFlag>>false</hasFlag>
</ROW>
<ROW>
  <EARNING_CD>VACATION</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  <total>0</total>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <hasFlag>>false</hasFlag>
</ROW>
<USERCOMMENTS>
  <SEQ_NO>74924</SEQ_NO>
  <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
  <USER_COMMENTS>
    <C>
      <c>ffgfg</c>
      <t>Thu Dec 20 2018 2:12:55 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</USERCOMMENTS>
</Params>
</SetTimeEntryPending>
</Request>

```

Reply

Success

```
<Reply>
  <pid>14864</pid>
  <SetTimeEntryPending>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <END_DATE>20181230</END_DATE>
      <USERCOMMENTS>
        <SEQ_NO>74924</SEQ_NO>
        <LEGAL_DISCLAIMER_DATE>20181220</LEGAL_DISCLAIMER_DATE>
        <USER_COMMENTS>
          <C>
            <c>ffgfg</c>
            <t>Thu Dec 20 2018 2:12:55 PM</t>
            <u>sfg</u>
          </C>
        </USER_COMMENTS>
      </USERCOMMENTS>
      <START_DATE>20181217</START_DATE>
    </Params>
    <ROW>
      <TRANSACTION_DT_SEQ>75331</TRANSACTION_DT_SEQ>
      <hasFlag>false</hasFlag>
      <hasApprovedStatus>false</hasApprovedStatus>
      <EARNING_CD>101WORK</EARNING_CD>
      <ASSIGNMENT_CD />
      <D_20181220>
        <STATUS>A</STATUS>
        <HOURS>8</HOURS>
        <SEQ_NO>75334</SEQ_NO>
        <COMMENTS />
        <USER_COMMENTS>
          <C>
            <c>aa</c>
            <t>Thu Dec 20 2018 2:13:35 PM</t>
            <u>sfg</u>
          </C>
        </USER_COMMENTS>
      </D_20181220>
      <ROWSTATE>UNMODIFIED</ROWSTATE>
      <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
      <CHARGE_CODE />
      <total>41</total>
      <SEQ_NO>75332</SEQ_NO>
      <D_20181221>
```

```

<STATUS>A</STATUS>
<HOURS>8</HOURS>
<SEQ_NO>75335</SEQ_NO>
<COMMENTS />
<USER_COMMENTS>
  <C>
    <c>aa</c>
    <t>Thu Dec 20 2018 2:13:35 PM</t>
    <u>sfg</u>
  </C>
</USER_COMMENTS>
</D_20181221>
<D_20181222>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75336</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181222>
<COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
<D_20181218>
  <STATUS>A</STATUS>
  <HOURS>9</HOURS>
  <SEQ_NO>75332</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181218>
<D_20181219>
  <STATUS>A</STATUS>
  <HOURS>8</HOURS>
  <SEQ_NO>75333</SEQ_NO>
  <COMMENTS />
  <USER_COMMENTS>
    <C>
      <c>aa</c>
      <t>Thu Dec 20 2018 2:13:35 PM</t>
      <u>sfg</u>
    </C>
  </USER_COMMENTS>
</D_20181219>

```

```

</ROW>
<ROW>
  <TRANSACTION_DT_SEQ>75370</TRANSACTION_DT_SEQ>
  <total>0</total>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<ROW>
  <TRANSACTION_DT_SEQ>75371</TRANSACTION_DT_SEQ>
  <total>0</total>
  <hasFlag>>false</hasFlag>
  <hasApprovedStatus>>false</hasApprovedStatus>
  <EARNING_CD>VACATION</EARNING_CD>
  <ASSIGNMENT_CD />
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <CHARGE_CODE />
  <AUTO_APPROVE_YN>F</AUTO_APPROVE_YN>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
</ROW>
<TIMEKEEPER_USER_ID>SFG</TIMEKEEPER_USER_ID>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetTimeEntryPending>
<transNo>46</transNo>
</Reply>

```

Error

```

<Params>
  <UNIT_ID>Financial</UNIT_ID>
  <SUBUNIT_ID/>
  <EMPLOYEE_ID>enescu</EMPLOYEE_ID>
  <START_DATE>20170307</START_DATE>
  <END_DATE>20170311</END_DATE>
  <ROW>
    <EQUIP_NO/>
    <D_20170307>
      <STATUS>A</STATUS>
      <HOURS>6</HOURS>
      <SEQ_NO>7563</SEQ_NO>
    </D_20170307>
    <SEQ_NO>7563</SEQ_NO>
    <EARNING_CD>EACB01</EARNING_CD>
    <COMMENTS/>
  </ROW>
</Params>

```

```

<ROWSTATE>UNMODIFIED</ROWSTATE>
<CHARGE_CODE>000000000000002315</CHARGE_CODE>
<USER_COMMENTS/>
<total>6</total>
<ERRORS>
    <ERROR_FIELD>STATUS</ERROR_FIELD>
    <ERROR_MESSAGE>Only Time Entry
Submitted for Approval could be UNSUBMITTED!</ERROR_MESSAGE>
</ERRORS>
</ROW>
<STATUS>-1</STATUS>
<STATUS_DESC>Save failed</STATUS_DESC>
</Params>

```

Time Entry Schedule APIs

- [FindEmployeeAssignmentCodes](#)
- [FindEmployeeRequirements](#)
- [GetDeclineReasons](#)
- [GetPlannedLeaveForApproval](#)
- [GetReplacementsRequests](#)
- [GetReplacementsRequired](#)
- [GetReplacementTimeIntervals](#)
- [GetTimeIntervals](#)
- [SetAcceptedReplacement](#)
- [SetDeclineReason](#)
- [SetLeaveEntryMaintenance](#)

FindEmployeeAssignmentCodes

The FindEmployeeAssignmentCodes API is used to retrieve resource assignments code in the Add Leave screen.

Request

```

<Request>
  <SetDeclineReason>
    <Params>
      <EMPLOYEE_ID>600006</EMPLOYEE_ID>
    </Params>
  </SetDeclineReason>
</Request>

```

Reply

Success

```
<Reply>
  <FindEmployeeAssignmentCodes>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <POSITION_NO>50409</POSITION_NO>
        <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
        <WORK_LOCATION>Main Office</WORK_LOCATION>
        <PRIMARY>T</PRIMARY>
      </ROW>
      <STATUS_DESC>One record found</STATUS_DESC>
    </Params>
    <version>1</version>
  </FindEmployeeAssignmentCodes>
  <pid>14392</pid>
  <transNo>18</transNo>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindEmployeeRequirements

The FindEmployeeRequirements API is used to retrieve resource requirements in Add Leave entry screen.

Request

```
<Request>
  <FindEmployeeRequirements>
    <Params>
      <SEARCH />
      <POSITION_NO>50409</POSITION_NO>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </FindEmployeeRequirements>
</Request>
```


Reply

Success

```
<Reply>
  <FindEmployeeRequirements>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <ATTRIBUTE_CD>MAXEDUC</ATTRIBUTE_CD>
        <DESCRIPTION>MAXEDUC - College 1 Yr.</DESCRIPTION>
        <ATTRIBUTE_VALUE>College 1 Yr.</ATTRIBUTE_VALUE>
      </ROW>
      <ROW>
        <ATTRIBUTE_CD>SKILLS</ATTRIBUTE_CD>
        <DESCRIPTION>SKILLS - MSWord</DESCRIPTION>
        <ATTRIBUTE_VALUE>MSWord</ATTRIBUTE_VALUE>
      </ROW>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
    </Params>
    <version>1</version>
  </FindEmployeeRequirements>
  <pid>14392</pid>
  <transNo>45</transNo>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetDeclineReasons

The GetDeclineReasons API is used to retrieve the list of available decline reasons.

Request

```
<Request>
  <GetDeclineReasons>
    <Params>

    </Params>
  </GetDeclineReasons>
</Request>
```

Reply

Success

```
<Reply>
  <pid>4116</pid>
  <transNo>28</transNo>
  <GetDeclineReasons>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <DECLINE_REASON_DESCRIPTION>Not Available</DECLINE_REASON_DESCRIPTION>
        <DECLINE_REASON_CD>NA</DECLINE_REASON_CD>
      </ROW>
      <ROW>
        <DECLINE_REASON_DESCRIPTION>Not Interested</DECLINE_REASON_DESCRIPTION>
        <DECLINE_REASON_CD>NI</DECLINE_REASON_CD>
      </ROW>
      <ROW>
        <DECLINE_REASON_DESCRIPTION>Not Transport</DECLINE_REASON_DESCRIPTION>
        <DECLINE_REASON_CD>NT</DECLINE_REASON_CD>
      </ROW>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
    </Params>
    <version>1</version>
  </GetDeclineReasons>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetPlannedLeaveForApproval

The GetPlannedLeaveForApproval API is used to retrieve the Planned Leave Approvals for multiple summaries.

Request

```
<Request>
  <GetPlannedLeaveForApproval>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
```

```

    <SUBUNIT_ID>01</SUBUNIT_ID>
    <FROM_ROW>1</FROM_ROW>
    <TO_ROW>50</TO_ROW>
  </Params>
</GetPlannedLeaveForApproval>
</Request>

```

Reply

Success

```

<Reply>
  <pid>14392</pid>
  <transNo>14</transNo>
  <GetPlannedLeaveForApproval>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <DECISION />
        <START_TIME />
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <SUBMITTED_DT>201812201406</SUBMITTED_DT>
        <EARNING_CD>PERSONAL</EARNING_CD>
        <LEAVE_TYPE>LEAVE</LEAVE_TYPE>
        <APPROVERSTATUS>B</APPROVERSTATUS>
        <COMMENTS />
        <EMPLOYEE_NAME>01 ADKINS, RAY</EMPLOYEE_NAME>
        <DAY_OFF_YN>F</DAY_OFF_YN>
        <START_DT>20181231</START_DT>
        <STATUS>B</STATUS>
        <TRXN_TP>PLREQ</TRXN_TP>
        <EARNING_CATEGORY>8</EARNING_CATEGORY>
        <END_TIME />
        <HOURS>8</HOURS>
        <SEQ_NO>75325</SEQ_NO>
        <PLANNED_LEAVE_ATTACHMENT />
        <MLA_LINK_NUM>75327</MLA_LINK_NUM>
        <END_DT>20181231</END_DT>
        <ISCURRENTAPPROVAL>F</ISCURRENTAPPROVAL>
        <TYPE>R</TYPE>
        <EARNING_CD_DESCRIPTION>Personal Day</EARNING_CD_DESCRIPTION>
        <REQUEST_DESCRIPTION>PERSONAL, Personal Day</REQUEST_DESCRIPTION>
      </ROW>
      <STATUS_DESC>One record found</STATUS_DESC>
    </Params>
    <version>1</version>
  </GetPlannedLeaveForApproval>
</Reply>

```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetReplacementsRequests

The GetReplacementsRequests API is used to retrieve the Approval replacements available to assign them to a replacement. This API is also used for getting the Resource available replacements requests.

For Approval

Request

```
<Request>
  <GetReplacementsRequests>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <ASOFDATE>20181221</ASOFDATE>
      <START_DT>20181201</START_DT>
      <END_DT>20181231</END_DT>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </GetReplacementsRequests>
</Request>
```

Reply

Success

```
<Reply>
  <GetReplacementsRequests>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <UNIT_ID>6050</UNIT_ID>
        <START_TIME />
        <LEAVE_EMPLOYEE_NAME>BOND, DEXTER X.</LEAVE_EMPLOYEE_NAME>
        <LEAVE_TYPE>REPLACEMENT</LEAVE_TYPE>
        <LEAVE_EMPLOYEE_ID>604000</LEAVE_EMPLOYEE_ID>
        <ASSIGNMENT_CD>ASG</ASSIGNMENT_CD>
      </ROW>
    </Params>
  </GetReplacementsRequests>
</Reply>
```

```

    <REPLACEMENT_GROUP_SEQ_NO>74606</REPLACEMENT_GROUP_SEQ_NO>
    <START_DT>20181213</START_DT>
    <STATUS>A</STATUS>
    <END_TIME />
    <HOURS>8</HOURS>
    <SEQ_NO>74605</SEQ_NO>
    <DESCRIPTION>6050 / 6051 - LOBORTIS MAURIS INDUSTRIES MAIN</DESCRIPTION>
    <SUBUNIT_ID>6051</SUBUNIT_ID>
    <WORK_LOCATION>Main Office</WORK_LOCATION>
    <END_DT>20181214</END_DT>
    <REQUEST_DESCRIPTION>ASG, Main Office</REQUEST_DESCRIPTION>
  </ROW>
  <STATUS_DESC>One record found</STATUS_DESC>
</Params>
<version>1</version>
</GetReplacementsRequests>
<pid>4116</pid>
<transNo>15</transNo>
</Reply>

```

For Resource

Request

```

<Request>
  <GetReplacementsRequests>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>600008</EMPLOYEE_ID>
      <ASOFDATE>20181221</ASOFDATE>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </GetReplacementsRequests>
</Request>

```

Reply

Success

```

<Reply>
  <GetReplacementsRequests>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>

```

```

<UNIT_ID>6050</UNIT_ID>
<START_TIME />
<LEAVE_EMPLOYEE_NAME>BOND, DEXTER X.</LEAVE_EMPLOYEE_NAME>
<LEAVE_TYPE>REPLACEMENT</LEAVE_TYPE>
<LEAVE_EMPLOYEE_ID>604000</LEAVE_EMPLOYEE_ID>
<ASSIGNMENT_CD>ASG</ASSIGNMENT_CD>
<REPLACEMENT_GROUP_SEQ_NO>74606</REPLACEMENT_GROUP_SEQ_NO>
<START_DT>20181213</START_DT>
<STATUS>A</STATUS>
<END_TIME />
<HOURS>8</HOURS>
<SEQ_NO>74605</SEQ_NO>
<DESCRIPTION>6050 / 6051 - LOBORTIS MAURIS INDUSTRIES MAIN</DESCRIPTION>
<SUBUNIT_ID>6051</SUBUNIT_ID>
<WORK_LOCATION>Main Office</WORK_LOCATION>
<END_DT>20181214</END_DT>
<REQUEST_DESCRIPTION>ASG, Main Office</REQUEST_DESCRIPTION>
</ROW>
<ROW>
  <UNIT_ID>FIRE</UNIT_ID>
  <START_TIME />
  <LEAVE_EMPLOYEE_NAME>Susan Thea</LEAVE_EMPLOYEE_NAME>
  <LEAVE_TYPE>REPLACEMENT</LEAVE_TYPE>
  <LEAVE_EMPLOYEE_ID>SusanThea</LEAVE_EMPLOYEE_ID>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <REPLACEMENT_GROUP_SEQ_NO>39146</REPLACEMENT_GROUP_SEQ_NO>
  <START_DT>20171124</START_DT>
  <STATUS>A</STATUS>
  <END_TIME />
  <HOURS>8</HOURS>
  <SEQ_NO>39145</SEQ_NO>
  <DESCRIPTION>FIRE / SAFETY - Department</DESCRIPTION>
  <SUBUNIT_ID>SAFETY</SUBUNIT_ID>
  <WORK_LOCATION />
  <END_DT>20171128</END_DT>
  <REQUEST_DESCRIPTION>SUB</REQUEST_DESCRIPTION>
</ROW>
<ROW>
  <UNIT_ID>FIRE</UNIT_ID>
  <START_TIME />
  <LEAVE_EMPLOYEE_NAME>John Mickel</LEAVE_EMPLOYEE_NAME>
  <LEAVE_TYPE>REPLACEMENT</LEAVE_TYPE>
  <LEAVE_EMPLOYEE_ID>JohnMickel</LEAVE_EMPLOYEE_ID>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <REPLACEMENT_GROUP_SEQ_NO />
  <START_DT>20171202</START_DT>
  <STATUS>A</STATUS>
  <END_TIME />
  <HOURS />
  <SEQ_NO>36841</SEQ_NO>
  <DESCRIPTION>FIRE / SAFETY - Department</DESCRIPTION>
  <SUBUNIT_ID>SAFETY</SUBUNIT_ID>

```

```

    <WORK_LOCATION>Main Office</WORK_LOCATION>
    <END_DT>20171202</END_DT>
    <REQUEST_DESCRIPTION>SUB, Main Office</REQUEST_DESCRIPTION>
  </ROW>
  <ROW>
    <UNIT_ID>FIRE</UNIT_ID>
    <START_TIME />
    <LEAVE_EMPLOYEE_NAME>John Mickel</LEAVE_EMPLOYEE_NAME>
    <LEAVE_TYPE>REPLACEMENT</LEAVE_TYPE>
    <LEAVE_EMPLOYEE_ID>JohnMickel</LEAVE_EMPLOYEE_ID>
    <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
    <REPLACEMENT_GROUP_SEQ_NO />
    <START_DT>20180301</START_DT>
    <STATUS>A</STATUS>
    <END_TIME />
    <HOURS />
    <SEQ_NO>36874</SEQ_NO>
    <DESCRIPTION>FIRE / SAFETY - Department</DESCRIPTION>
    <SUBUNIT_ID>SAFETY</SUBUNIT_ID>
    <WORK_LOCATION>Main Office</WORK_LOCATION>
    <END_DT>20180301</END_DT>
    <REQUEST_DESCRIPTION>SUB, Main Office</REQUEST_DESCRIPTION>
  </ROW>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</GetReplacementsRequests>
<pid>14392</pid>
<transNo>19</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetReplacementsRequired

The GetReplacementsRequired API is used to retrieve replacement requirements used in the Resource accept/decline replacement screen or in the Approval screen.

Request

```

<Request>
  <GetReplacementsRequired>
    <Params>

```

```

    <SEQ_NO>74605</SEQ_NO>
    <FROM_ROW>1</FROM_ROW>
    <TO_ROW>50</TO_ROW>
  </Params>
</GetReplacementsRequired>
</Request>

```

Reply

Success

```

<Reply>
  <GetReplacementsRequired>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <PREFERRED>
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <SEQ_NO>74605</SEQ_NO>
        <RANK>1</RANK>
        <EMPLOYEE_NAME>01 ADKINS, RAY</EMPLOYEE_NAME>
      </PREFERRED>
      <PREFERRED>
        <EMPLOYEE_ID>100019</EMPLOYEE_ID>
        <SEQ_NO>74605</SEQ_NO>
        <RANK>2</RANK>
        <EMPLOYEE_NAME>01 HARRINGTON, ROTH</EMPLOYEE_NAME>
      </PREFERRED>
      <STATUS_DESC>Record found</STATUS_DESC>
    </Params>
    <version>1</version>
  </GetReplacementsRequired>
  <pid>14392</pid>
  <transNo>29</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetReplacementTimeIntervals

The GetReplacementTimeIntervals API is used to retrieve time intervals used in the Resource accept/decline replacement screen or in the Approval screen.

Request

```
<Request>
  <GetReplacementTimeIntervals>
    <Params>
      <SEQ_NO>74605</SEQ_NO>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </GetReplacementTimeIntervals>
</Request>
```

Reply

Success

```
<Reply>
  <GetReplacementTimeIntervals>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <LOCATION>LOBORTIS MAURIS INDUSTRIES MAIN</LOCATION>
        <FTE_CATEGORY></FTE_CATEGORY>
        <REPLACES_SEQ_NO>74605</REPLACES_SEQ_NO>
        <START_TIME></START_TIME>
        <END_TIME></END_TIME>
        <HOURS>8</HOURS>
        <SEQ_NO>74607</SEQ_NO>
        <EARNING_CD>0418W0</EARNING_CD>
        <ASSIGNMENT_CD>ASG</ASSIGNMENT_CD>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <START_DT>20181213</START_DT>
      </ROW>
      <ROW>
        <LOCATION>LOBORTIS MAURIS INDUSTRIES MAIN</LOCATION>
        <FTE_CATEGORY></FTE_CATEGORY>
        <REPLACES_SEQ_NO>74605</REPLACES_SEQ_NO>
        <START_TIME></START_TIME>
        <END_TIME></END_TIME>
        <HOURS>8</HOURS>
        <SEQ_NO>74608</SEQ_NO>
        <EARNING_CD>0418W0</EARNING_CD>
        <ASSIGNMENT_CD>ASG</ASSIGNMENT_CD>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <START_DT>20181214</START_DT>
      </ROW>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
    </Params>
```

```

    <version>1</version>
  </GetReplacementTimeIntervals>
  <pid>4116</pid>
  <transNo>30</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetTimeIntervals

The GetTimeIntervals API is used to retrieve time intervals needed for replacement in the Add Leave screen.

Request

```

<Request>
  <GetTimeIntervals>
    <Params>
      <START_DT>20181221</START_DT>
      <END_DT>20181221</END_DT>
      <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>600006</EMPLOYEE_ID>
      <FROM_ROW>1</FROM_ROW>
      <TO_ROW>50</TO_ROW>
    </Params>
  </GetTimeIntervals>
</Request>

```

Reply

Success

```

<Reply>
  <GetTimeIntervals>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <ROW>
        <LOCATION>APTENT TACITI MAIN</LOCATION>
        <FTE_CATEGORY />
      </ROW>
    </Params>
  </GetTimeIntervals>
</Reply>

```

```

    <START_TIME />
    <END_TIME />
    <HOURS>8</HOURS>
    <SEQ_NO />
    <EARNING_CD>0001CP</EARNING_CD>
    <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <START_DT>20181224</START_DT>
</ROW>
<ROW>
    <LOCATION>APTENT TACITI MAIN</LOCATION>
    <FTE_CATEGORY />
    <START_TIME />
    <END_TIME />
    <HOURS>8</HOURS>
    <SEQ_NO />
    <EARNING_CD>0001CP</EARNING_CD>
    <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <START_DT>20181225</START_DT>
</ROW>
<ROW>
    <LOCATION>APTENT TACITI MAIN</LOCATION>
    <FTE_CATEGORY />
    <START_TIME />
    <END_TIME />
    <HOURS>8</HOURS>
    <SEQ_NO />
    <EARNING_CD>0001CP</EARNING_CD>
    <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <START_DT>20181226</START_DT>
</ROW>
<ROW>
    <LOCATION>APTENT TACITI MAIN</LOCATION>
    <FTE_CATEGORY />
    <START_TIME />
    <END_TIME />
    <HOURS>8</HOURS>
    <SEQ_NO />
    <EARNING_CD>0001CP</EARNING_CD>
    <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <START_DT>20181227</START_DT>
</ROW>
    <STATUS_DESC>Record found</STATUS_DESC>
</Params>
    <version>1</version>
</GetTimeIntervals>
    <pid>4116</pid>
    <transNo>42</transNo>
</Reply>

```

Error

```
<Reply>
  <GetTimeIntervals>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>Record found</STATUS_DESC>
    </Params>
    <version>1</version>
  </GetTimeIntervals>
  <pid>14392</pid>
  <transNo>39</transNo>
</Reply>
```

SetAcceptedReplacement

The SetAcceptedReplacement API is used to accept a replacement request.

Request

```
<Request>
  <SetAcceptedReplacement>
    <Params>
      <SEQ_NO>74605</SEQ_NO>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <EMPLOYEE_ID>600008</EMPLOYEE_ID>
    </Params>
  </SetAcceptedReplacement>
</Request>
```

Reply

Success

```
<Reply>
  <SetAcceptedReplacement>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID>600008</EMPLOYEE_ID>
      <SEQ_NO>74605</SEQ_NO>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <STATUS_DESC>Save done</STATUS_DESC>
    </Params>
```

```
<version>1</version>
</SetAcceptedReplacement>
<pid>4116</pid>
<transNo>34</transNo>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetDeclineReason

The SetDeclineReason API is used to decline a replacement request.

Request

```
<Request>
  <SetDeclineReason>
    <Params>
      <SEQ_NO>74605</SEQ_NO>
      <EMPLOYEE_ID>600008</EMPLOYEE_ID>
      <DECLINE_REASON_CD>NA</DECLINE_REASON_CD>
    </Params>
  </SetDeclineReason>
</Request>
```

Reply

Success

```
<Reply>
  <SetDeclineReason>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID>600008</EMPLOYEE_ID>
      <SEQ_NO>74605</SEQ_NO>
      <DECLINE_REASON_CD>NA</DECLINE_REASON_CD>
      <STATUS_DESC>Save done</STATUS_DESC>
    </Params>
    <version>1</version>
  </SetDeclineReason>
  <pid>14392</pid>
```

```
<transNo>52</transNo>
</Reply>
```

Error

```
<Params>
  <SEQ_NO>74605</SEQ_NO>
  <EMPLOYEE_ID>600008</EMPLOYEE_ID>
  <DECLINE_REASON_CD>bll</DECLINE_REASON_CD>
  <ERRORS>
    <ERROR_FIELD>DECLINE_REASON_CD</ERROR_FIELD>
    <ERROR_MESSAGE>Reason is not valid!</ERROR_MESSAGE>
  </ERRORS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

SetLeaveEntryMaintenance

The SetLeaveEntryMaintenance API is used to save a leave/replacement in the Add Leave entry screen.

Request Syntax

```
<Request>
  <SetLeaveEntryMaintenance>
    <Params>
      <LEAVEREQUEST>
        <START_DT></START_DT>
        <EMPLOYEE_ID></EMPLOYEE_ID>
        <UNIT_ID></UNIT_ID>
        <SUBUNIT_ID></SUBUNIT_ID>
        <UNIT_DESCRIPTION />
        <EMPLOYEE_NAME></EMPLOYEE_NAME>
        <ASOFDATE></ASOFDATE>
        <ASSIGNMENT_CD></ASSIGNMENT_CD>
        <POSITION_NO></POSITION_NO>
        <WORK_LOCATION></WORK_LOCATION>
        <OWNERSHIP_CD></OWNERSHIP_CD>
        <CONTACT_TP></CONTACT_TP>
        <OWNERSHIP_KEY></OWNERSHIP_KEY>
        <SOURCE_CD></SOURCE_CD>
        <CONTACT_DESC></CONTACT_DESC>
        <EMPLOYEE_TYPE></EMPLOYEE_TYPE>
        <END_DT></END_DT>
        <HOURS />
        <DAY_OFF_YN></DAY_OFF_YN>
        <REPLACEMENTSREQUIRED></REPLACEMENTSREQUIRED>
        <EARNING_CD></EARNING_CD>
```

```

    <REASON_CD />
    <EARNING_CD_LONG_DESCRIPTION />
    <ATTACHMENT_REQUIRED_YN></ATTACHMENT_REQUIRED_YN>
    <COMMENTS_REQUIRED></COMMENTS_REQUIRED>
    <REASON_REQUIRED_YN></REASON_REQUIRED_YN>
    <ROWSTATE></ROWSTATE>
</LEAVEREQUEST>
<REPLACEMENTS>
    <START_TIME />
    <END_TIME />
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <WORK_LOCATION></WORK_LOCATION>
</REPLACEMENTS>
<TIMEINTERVALS>
    <LOCATION></LOCATION>
    <FTE_CATEGORY />
    <START_TIME />
    <END_TIME />
    <HOURS></HOURS>
    <SEQ_NO />
    <EARNING_CD></EARNING_CD>
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <ROWSTATE></ROWSTATE>
    <START_DT></START_DT>
    <rid></rid>
</TIMEINTERVALS>
<TIMEINTERVALS>
    <LOCATION></LOCATION>
    <FTE_CATEGORY />
    <START_TIME />
    <END_TIME />
    <HOURS></HOURS>
    <SEQ_NO />
    <EARNING_CD></EARNING_CD>
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <ROWSTATE></ROWSTATE>
    <START_DT></START_DT>
    <rid></rid>
</TIMEINTERVALS>
<TIMEINTERVALS>
    <LOCATION></LOCATION>
    <FTE_CATEGORY />
    <START_TIME />
    <END_TIME />
    <HOURS></HOURS>
    <SEQ_NO />
    <EARNING_CD></EARNING_CD>
    <ASSIGNMENT_CD></ASSIGNMENT_CD>
    <ROWSTATE></ROWSTATE>
    <START_DT></START_DT>
    <rid></rid>
</TIMEINTERVALS>

```

```

<TIMEINTERVALS>
  <LOCATION></LOCATION>
  <FTE_CATEGORY />
  <START_TIME />
  <END_TIME />
  <HOURS></HOURS>
  <SEQ_NO />
  <EARNING_CD></EARNING_CD>
  <ASSIGNMENT_CD></ASSIGNMENT_CD>
  <ROWSTATE></ROWSTATE>
  <START_DT></START_DT>
  <rid></rid>
</TIMEINTERVALS>
<LEAVEDOCUMENTATION>
  <START_DT></START_DT>
  <EMPLOYEE_ID></EMPLOYEE_ID>
  <UNIT_ID></UNIT_ID>
  <SUBUNIT_ID></SUBUNIT_ID>
  <UNIT_DESCRIPTION />
  <EMPLOYEE_NAME></EMPLOYEE_NAME>
  <ASOFDATE></ASOFDATE>
  <ASSIGNMENT_CD></ASSIGNMENT_CD>
  <POSITION_NO></POSITION_NO>
  <WORK_LOCATION></WORK_LOCATION>
  <OWNERSHIP_CD></OWNERSHIP_CD>
  <CONTACT_TP></CONTACT_TP>
  <OWNERSHIP_KEY></OWNERSHIP_KEY>
  <SOURCE_CD></SOURCE_CD>
  <CONTACT_DESC></CONTACT_DESC>
  <EMPLOYEE_TYPE></EMPLOYEE_TYPE>
  <DAY_OFF_YN></DAY_OFF_YN>
  <REPLACEMENTSREQUIRED></REPLACEMENTSREQUIRED>
</LEAVEDOCUMENTATION>
<REPLACEMENTSDOCUMENTATION>
  <START_DT></START_DT>
  <EMPLOYEE_ID></EMPLOYEE_ID>
  <UNIT_ID></UNIT_ID>
  <SUBUNIT_ID></SUBUNIT_ID>
  <UNIT_DESCRIPTION />
  <EMPLOYEE_NAME></EMPLOYEE_NAME>
  <ASOFDATE></ASOFDATE>
  <ASSIGNMENT_CD></ASSIGNMENT_CD>
  <POSITION_NO></POSITION_NO>
  <WORK_LOCATION></WORK_LOCATION>
  <OWNERSHIP_CD></OWNERSHIP_CD>
  <CONTACT_TP></CONTACT_TP>
  <OWNERSHIP_KEY></OWNERSHIP_KEY>
  <SOURCE_CD></SOURCE_CD>
  <CONTACT_DESC></CONTACT_DESC>
  <EMPLOYEE_TYPE></EMPLOYEE_TYPE>
  <DAY_OFF_YN></DAY_OFF_YN>
  <REPLACEMENTSREQUIRED></REPLACEMENTSREQUIRED>

```



```

    </REPLACEMENTSDOCUMENTATION>
    <NAVIGATOR_ACTION></NAVIGATOR_ACTION>
  </Params>
</SetLeaveEntryMaintenance>
</Request>

```

 The request can include multiple `TIMEINTERVALS` collections.

Reply Syntax

Success

```

<Reply>
  <SetLeaveEntryMaintenance>
    <STATUS>0</STATUS>
    <Params>
      <TIMEINTERVALS>
        <LOCATION>APTENT TACITI MAIN</LOCATION>
        <REPLACES_SEQ_NO>75392</REPLACES_SEQ_NO>
        <UNIT_ID>6000</UNIT_ID>
        <START_TIME />
        <EARNING_CD>0001CP</EARNING_CD>
        <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
        <REPLACEMENT_GROUP_SEQ_NO>75393</REPLACEMENT_GROUP_SEQ_NO>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <rid>3fcb13ed-9edf-99e1-3ac3-ccfb58c212ee</rid>
        <START_DT>20181224</START_DT>
        <CHARGE_CODE />
        <FTE_CATEGORY />
        <TRXN_TP>PLREP</TRXN_TP>
        <STATUS>A</STATUS>
        <END_TIME />
        <HOURS>8</HOURS>
        <SEQ_NO>75394</SEQ_NO>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <END_DT>20181224</END_DT>
      </TIMEINTERVALS>
      <TIMEINTERVALS>
        <LOCATION>APTENT TACITI MAIN</LOCATION>
        <REPLACES_SEQ_NO>75392</REPLACES_SEQ_NO>
        <UNIT_ID>6000</UNIT_ID>
        <START_TIME />
        <EARNING_CD>0001CP</EARNING_CD>
        <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
        <REPLACEMENT_GROUP_SEQ_NO>75393</REPLACEMENT_GROUP_SEQ_NO>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <rid>28038e54-02b8-2e12-15f9-3b88169f271d</rid>
        <START_DT>20181225</START_DT>
        <CHARGE_CODE />
      </TIMEINTERVALS>
    </Params>
  </SetLeaveEntryMaintenance>
</Reply>

```

```

<FTE_CATEGORY />
<TRXN_TP>PLREP</TRXN_TP>
<STATUS>A</STATUS>
<END_TIME />
<HOURS>8</HOURS>
<SEQ_NO>75395</SEQ_NO>
<SUBUNIT_ID>01</SUBUNIT_ID>
<END_DT>20181225</END_DT>
</TIMEINTERVALS>
<TIMEINTERVALS>
  <LOCATION>APTENT TACITI MAIN</LOCATION>
  <REPLACES_SEQ_NO>75392</REPLACES_SEQ_NO>
  <UNIT_ID>6000</UNIT_ID>
  <START_TIME />
  <EARNING_CD>0001CP</EARNING_CD>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <REPLACEMENT_GROUP_SEQ_NO>75393</REPLACEMENT_GROUP_SEQ_NO>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <rid>0619b76a-dca9-3858-0f6a-fe9808729ffd</rid>
  <START_DT>20181226</START_DT>
  <CHARGE_CODE />
  <FTE_CATEGORY />
  <TRXN_TP>PLREP</TRXN_TP>
  <STATUS>A</STATUS>
  <END_TIME />
  <HOURS>8</HOURS>
  <SEQ_NO>75396</SEQ_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <END_DT>20181226</END_DT>
</TIMEINTERVALS>
<TIMEINTERVALS>
  <LOCATION>APTENT TACITI MAIN</LOCATION>
  <REPLACES_SEQ_NO>75392</REPLACES_SEQ_NO>
  <UNIT_ID>6000</UNIT_ID>
  <START_TIME />
  <EARNING_CD>0001CP</EARNING_CD>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <REPLACEMENT_GROUP_SEQ_NO>75393</REPLACEMENT_GROUP_SEQ_NO>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <rid>a1c37a40-3d45-3c45-9ffa-b6c57c3293dc</rid>
  <START_DT>20181227</START_DT>
  <CHARGE_CODE />
  <FTE_CATEGORY />
  <TRXN_TP>PLREP</TRXN_TP>
  <STATUS>A</STATUS>
  <END_TIME />
  <HOURS>8</HOURS>
  <SEQ_NO>75397</SEQ_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <END_DT>20181227</END_DT>
</TIMEINTERVALS>
<STATUS>0</STATUS>

```

```

<LEAVEREQUEST>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <LEAVE_TYPE>LEAVE</LEAVE_TYPE>
  <REASON_REQUIRED_YN>F</REASON_REQUIRED_YN>
  <REPLACEMENT_GROUP_SEQ_NO>75393</REPLACEMENT_GROUP_SEQ_NO>
  <DAY_OFF_YN>F</DAY_OFF_YN>
  <TECALLSIZE4>0,</TECALLSIZE4>
  <START_DT>20181224</START_DT>
  <REASON_CD />
  <STATUS>A</STATUS>
  <TRXN_TP>PLREQ</TRXN_TP>
  <OWNERSHIP_KEY>31</OWNERSHIP_KEY>
  <SEQ_NO>75392</SEQ_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <SOURCE_CD>LVREQ</SOURCE_CD>
  <UNIT_DESCRIPTION />
  <WORK_LOCATION>Main Office</WORK_LOCATION>
  <CONTACT_TP>PLREQ</CONTACT_TP>
  <COMMENTS_REQUIRED>F</COMMENTS_REQUIRED>
  <REQUEST_DESCRIPTION>PERSONAL, Personal Day, SUB</REQUEST_DESCRIPTION>
  <REPLACEMENT_SEQ_NO>75397</REPLACEMENT_SEQ_NO>
  <EARNING_CD>PERSONAL</EARNING_CD>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <ATTACHMENT_REQUIRED_YN>F</ATTACHMENT_REQUIRED_YN>
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <ASOFDATE>20181221</ASOFDATE>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <HOURS />
  <POSITION_NO>50409</POSITION_NO>
  <CONTACT_DESC>New file has been uploaded</CONTACT_DESC>
  <OWNERSHIP_CD>HREMP</OWNERSHIP_CD>
  <END_DT>20181228</END_DT>
  <REPLACEMENTSREQUIRED>T</REPLACEMENTSREQUIRED>
  <EARNING_CD_LONG_DESCRIPTION />
</LEAVEREQUEST>
<REPLACEMENTS>
  <START_TIME />
  <END_TIME />
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <WORK_LOCATION>Main Office</WORK_LOCATION>
</REPLACEMENTS>
<NAVIGATOR_ACTION>NAVIGATOR_SELECT</NAVIGATOR_ACTION>
<LEAVEDOCUMENTATION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <ASOFDATE>20181221</ASOFDATE>
  <DAY_OFF_YN>F</DAY_OFF_YN>
  <START_DT>20181221</START_DT>

```

```

<EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
<OWNERSHIP_KEY>31</OWNERSHIP_KEY>
<POSITION_NO>50409</POSITION_NO>
<CONTACT_DESC>New file has been uploaded</CONTACT_DESC>
<SUBUNIT_ID>01</SUBUNIT_ID>
<SOURCE_CD>LVREQ</SOURCE_CD>
<UNIT_DESCRIPTION />
<WORK_LOCATION>Main Office</WORK_LOCATION>
<OWNERSHIP_CD>HREMP</OWNERSHIP_CD>
<CONTACT_TP>PLREQ</CONTACT_TP>
<REPLACEMENTSREQUIRED>F</REPLACEMENTSREQUIRED>
</LEAVEDOCUMENTATION>
<REPLACEMENTSDOCUMENTATION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <ASSIGNMENT_CD>SUB</ASSIGNMENT_CD>
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <ASOFDATE>20181221</ASOFDATE>
  <DAY_OFF_YN>F</DAY_OFF_YN>
  <START_DT>20181221</START_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <OWNERSHIP_KEY>31</OWNERSHIP_KEY>
  <POSITION_NO>50409</POSITION_NO>
  <CONTACT_DESC>New file has been uploaded</CONTACT_DESC>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <SOURCE_CD>LVREQ</SOURCE_CD>
  <UNIT_DESCRIPTION />
  <WORK_LOCATION>Main Office</WORK_LOCATION>
  <OWNERSHIP_CD>HREMP</OWNERSHIP_CD>
  <CONTACT_TP>PLREQ</CONTACT_TP>
  <REPLACEMENTSREQUIRED>F</REPLACEMENTSREQUIRED>
</REPLACEMENTSDOCUMENTATION>
<STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetLeaveEntryMaintenance>
<pid>14392</pid>
<transNo>52</transNo>
</Reply>

```

Request Parameters

Parameter	Required	Format	Description
LEAVEREQUEST	TBD	Collection	Leave Request Contains parameters pertaining to a leave request.

REPLACEMENTS	TBD	Collection	Replacements Contains parameters pertaining to a leave request.
TIMEINTERVALS	TBD	Collection	Time Intervals Contains parameters pertaining to time intervals.
LEAVEDOCUMENTATION	TBD	Collection	Leave Documentation Contains parameters pertaining to leave documentation.
REPLACEMENTSDOCUMENTATION	TBD	Collection	Replacements Documentation Contains parameters pertaining to replacements documentation.
NAVIGATOR_ACTION	TBD	C	Navigator Action

Leave Request Collection

Parameter	Required	Format	Description
START_DT	TBD	YYYYMMDD	Start Date
EMPLOYEE_ID	TBD	N	Employee ID
UNIT_ID	TBD	N	Unit ID
SUBUNIT_ID	TBD	N	Subunit ID

UNIT_DESCRIPTION	TBD	C	Unit Description
EMPLOYEE_NAME	TBD	C	Employee Name
ASOFDATE	TBD	YYYYMMDD	As of Date
ASSIGNMENT_CD	TBD	C	Assignment Code
POSITION_NO	TBD	N	Position Number
WORK_LOCATION	TBD	C	Work Location
OWNERSHIP_CD	TBD	C	Ownership Code
CONTACT_TP	TBD	C	Contact TP
OWNERSHIP_KEY	TBD	N	Ownership Key
SOURCE_CD	TBD	C	Source Code
CONTACT_DESC	TBD	C	Contact Description
EMPLOYEE_TYPE	TBD	N	Employee Type
END_DT	TBD	YYYYMMDD	End Date

HOURS	Not	N	Hours <ul style="list-style-type: none"> Daily hours are validated against the set pay type minimum and maximum. Hours = 0 is not allowed in any condition. However, the field can be left blank, as it is not a mandatory field.
DAY_OFF_YN	TBD	C	Days Off Y/N
REPLACEMENTSREQUIRED	No	C	Replacements Required
EARNING_CD	TBD	C	Earning Code
REASON_CD	TBD	TBD	Reason Code
EARNING_CD_LONG_DESCRIPTION	TBD	C	Earning Code Long Description
ATTACHMENT_REQUIRED_YN	TBD	C	Attachment Required Y/N
COMMENTS_REQUIRED	TBD	C	Comments Required
REASON_REQUIRED_YN	TBD	C	Reason Required Y/N

ROWSTATE	TBD		<p>Row State</p> <p>Possible values:</p> <ul style="list-style-type: none"> • ADD : The information is new (a new unit/sub-unit or a new line in the grid) and needs to be added to the database. In this situation, the response needs to contain the SEQ_NO tag. • UPDATE : The information is updated (unit/sub-unit or a new line in the grid) and needs to be updated in the database. In this situation, the call needs to contain the SEQ_NO tag. • DELETE : The information has been deleted (unit/sub-unit or a new line in the grid) and also needs to be deleted from the database. In this situation, the call needs to contain the SEQ_NO tag.
----------	-----	--	---

			<ul style="list-style-type: none"> UNMODIFIED : The record is unchanged.
--	--	--	--

Replacements Collection

Parameter	Required	Format	Description
START_TIME	TBD	n	Start Time
END_TIME	TBD	N	End Time
ASSIGNMENT_CD	TBD	C	Assignment Code
WORK_LOCATION	TBD	C	Work Location

Time Intervals Collection

Parameter	Required	Format	Description
LOCATION	TBD	n	Start Time
FTE_CATEGORY	TBD	N	End Time
START_TIME	TBD	C	Assignment Code
END_TIME	TBD	C	Work Location

HOURS	TBD	N	Hours <ul style="list-style-type: none"> Daily hours are validated against the set pay type minimum and maximum. Hours = 0 is not allowed in any condition. However, the field can be left blank, as it is not a mandatory field.
SEQ_NO	TBD	TBD	Sequence Number
EARNING_CD	TBD	C	Earning Code
ASSIGNMENT_CD	TBD	C	Assignment Code
START_DT	TBD	YYYYMMDD	Start Date
rid	TBD	C	Rid

Leave Documentation Collection

Parameter	Required	Format	Description
START_DT	TBD	n	Start Date
EMPLOYEE_ID	TBD	N	Employee ID
UNIT_ID	TBD	C	Unit ID
SUBUNIT_ID	TBD	C	Subunit ID

UNIT_DESCRIPTION N	TBD	N	Unit Description
EMPLOYEE_NAME	TBD	TBD	Employee Name
ASOFDATE	TBD	C	As of Date
ASSIGNMENT_CD	TBD	C	Assignment Code
POSITION_NO	TBD	YYYYMMDD	Position Number
WORK_LOCATION	TBD	C	Work Location
OWNERSHIP_CD	TBD	C	Ownership Code
CONTACT_TP	TBD	C	Contact TP
OWNERSHIP_KEY	TBD	N	Ownership Key
SOURCE_CD	TBD	C	Source Code
CONTACT_DESC	TBD	C	Contact Description
EMPLOYEE_TYPE	TBD	N	Employee Type
DAY_OFF_YN	TBD	C	Day Off Y/N
REPLACEMENTSREQ UIRED	TBD	C	Replacements Required

Replacements Documentation Collection

Parameter	Required	Format	Description
-----------	----------	--------	-------------

START_DT	TBD	n	Start Date
EMPLOYEE_ID	TBD	N	Employee ID
UNIT_ID	TBD	C	Unit ID
SUBUNIT_ID	TBD	C	Subunit ID
UNIT_DESCRIPTION N	TBD	N	Unit Description
EMPLOYEE_NAME	TBD	TBD	Employee Name
ASOFDATE	TBD	C	As of Date
ASSIGNMENT_CD	TBD	C	Assignment Code
POSITION_NO	TBD	YYYYMMDD	Position Number
WORK_LOCATION	TBD	C	Work Location
OWNERSHIP_CD	TBD	C	Ownership Code
CONTACT_TP	TBD	C	Contact TP
OWNERSHIP_KEY	TBD	N	Ownership Key
SOURCE_CD	TBD	C	Source Code
CONTACT_DESC	TBD	C	Contact Description
EMPLOYEE_TYPE	TBD	N	Employee Type

DAY_OFF_YN	TBD	C	Day Off Y/N
REPLACEMENTSREQ UIRED	TBD	C	Replacements Required

Reply Parameters

Parameter	Format	Description
STATUS	N	Status Code
STATUS_DESC	C	Status Description Indicates any error messages.

Timekeeper APIs

DeleteTimeKeeper

The DeleteTimeKeeper API is used to delete a record from the Timekeeper Maintenance screen.

Request

```
<Request>
  <DeleteTimeKeeper>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </DeleteTimeKeeper>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindTimekeeperPermission

The FindTimekeeperPermission API is used to return a list of permissions for selected timekeepers used in the Timekeeper Maintenance screen.

Request

```
<Request>
  <FindTimekeeperPermission>
    <Params>
      <USER_ID>SFG</USER_ID>
      <SEARCH_QUERY></SEARCH_QUERY>
    </Params>
  </FindTimekeeperPermission>
</Request>
```

Reply

Success

```
<Reply>
  <pid>14864</pid>
  <transNo>6</transNo>
  <FindTimekeeperPermission>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
    <ROW>
      <UNIT_ID />
      <TIMEKEEPER>4</TIMEKEEPER>
      <EMPLOYEE_ID>100010</EMPLOYEE_ID>
      <SEQ_NO>72857</SEQ_NO>
      <SUBUNIT_ID />
      <EFD_START_DT>20181113</EFD_START_DT>
      <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    </ROW>
    <ROW>
      <UNIT_ID>6040</UNIT_ID>
      <TIMEKEEPER>3</TIMEKEEPER>
      <EMPLOYEE_ID />
    </ROW>
  </FindTimekeeperPermission>
</Reply>
```

```

<SEQ_NO>73698</SEQ_NO>
<SUBUNIT_ID>604001</SUBUNIT_ID>
<EFD_START_DT>20181210</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>ADMIN</UNIT_ID>
  <TIMEKEEPER>2</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>72271</SEQ_NO>
  <SUBUNIT_ID />
  <EFD_START_DT>20181005</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>1000</UNIT_ID>
  <TIMEKEEPER>2</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>71457</SEQ_NO>
  <SUBUNIT_ID />
  <EFD_START_DT>20180717</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>6050</UNIT_ID>
  <TIMEKEEPER>1</TIMEKEEPER>
  <EMPLOYEE_ID>100015</EMPLOYEE_ID>
  <SEQ_NO>71459</SEQ_NO>
  <SUBUNIT_ID>6051</SUBUNIT_ID>
  <EFD_START_DT>20180717</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>6000</UNIT_ID>
  <TIMEKEEPER>2</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>71695</SEQ_NO>
  <SUBUNIT_ID />
  <EFD_START_DT>20180827</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>6050</UNIT_ID>
  <TIMEKEEPER>3</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>73440</SEQ_NO>
  <SUBUNIT_ID>6052</SUBUNIT_ID>
  <EFD_START_DT>20180111</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID />

```

```

<TIMEKEEPER>5</TIMEKEEPER>
<EMPLOYEE_ID />
<SEQ_NO>75083</SEQ_NO>
<SUBUNIT_ID />
<EFD_START_DT>20181218</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
<UNIT_ID>6010</UNIT_ID>
<TIMEKEEPER>2</TIMEKEEPER>
<EMPLOYEE_ID />
<SEQ_NO>72676</SEQ_NO>
<SUBUNIT_ID />
<EFD_START_DT>20181030</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
<UNIT_ID>1010</UNIT_ID>
<TIMEKEEPER>3</TIMEKEEPER>
<EMPLOYEE_ID />
<SEQ_NO>73278</SEQ_NO>
<SUBUNIT_ID>1010 01</SUBUNIT_ID>
<EFD_START_DT>20180110</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
<UNIT_ID>FIRE</UNIT_ID>
<TIMEKEEPER>2</TIMEKEEPER>
<EMPLOYEE_ID />
<SEQ_NO>74610</SEQ_NO>
<SUBUNIT_ID />
<EFD_START_DT>20161213</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
<UNIT_ID>1012</UNIT_ID>
<TIMEKEEPER>2</TIMEKEEPER>
<EMPLOYEE_ID />
<SEQ_NO>71736</SEQ_NO>
<SUBUNIT_ID />
<EFD_START_DT>20180603</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
<UNIT_ID>1000</UNIT_ID>
<TIMEKEEPER>1</TIMEKEEPER>
<EMPLOYEE_ID>100010</EMPLOYEE_ID>
<SEQ_NO>72851</SEQ_NO>
<SUBUNIT_ID>1000 001</SUBUNIT_ID>
<EFD_START_DT>20181112</EFD_START_DT>
<EFD_EXPIRY_DT>20181112</EFD_EXPIRY_DT>
</ROW>

```



```

<ROW>
  <UNIT_ID>1000</UNIT_ID>
  <TIMEKEEPER>0</TIMEKEEPER>
  <EMPLOYEE_ID>100010</EMPLOYEE_ID>
  <SEQ_NO>72837</SEQ_NO>
  <SUBUNIT_ID />
  <EFD_START_DT>20181109</EFD_START_DT>
  <EFD_EXPIRY_DT>20181109</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>UNIT_TEST</UNIT_ID>
  <TIMEKEEPER>2</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>72899</SEQ_NO>
  <SUBUNIT_ID />
  <EFD_START_DT>20181114</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</FindTimekeeperPermission>
</Reply>

```

Error

FindTimekeepers

The FindTimekeepers API is used to return a list of distinct timekeepers used in the Timekeeper Maintenance screen.

Request

```

<Request>
  <FindTimekeepers>
    <Params>
      <SEARCH_QUERY></SEARCH_QUERY>
    </Params>
  </FindTimekeepers>
</Request>

```

Reply

```

<Reply>
  <pid>15528</pid>

```

```

<transNo>100</transNo>
<FindTimekeepers>
  <STATUS>0</STATUS>
  <Params>
    <STATUS>0</STATUS>
    <ROW>
      <UNIT_ID>abcd</UNIT_ID>
      <TIMEKEEPER>0</TIMEKEEPER>
      <EMPLOYEE_ID>pgrisdau</EMPLOYEE_ID>
      <SEQ_NO>25400</SEQ_NO>
      <CHILDREN_COUNT>8</CHILDREN_COUNT>
      <SUBUNIT_ID />
      <USER_ID>004</USER_ID>
      <USER_NAME>Linda Simpson</USER_NAME>
      <EFD_START_DT>20170219</EFD_START_DT>
      <EFD_EXPIRY_DT>20170221</EFD_EXPIRY_DT>
    </ROW>
    <ROW>
      <UNIT_ID>1011</UNIT_ID>
      <TIMEKEEPER>3</TIMEKEEPER>
      <EMPLOYEE_ID>100018</EMPLOYEE_ID>
      <SEQ_NO>72997</SEQ_NO>
      <CHILDREN_COUNT>2</CHILDREN_COUNT>
      <SUBUNIT_ID>1011 01</SUBUNIT_ID>
      <USER_ID>007</USER_ID>
      <USER_NAME>SHEILA WUZ-HERE</USER_NAME>
      <EFD_START_DT>20180703</EFD_START_DT>
      <EFD_EXPIRY_DT>20180911</EFD_EXPIRY_DT>
    </ROW>
    <ROW>
      <UNIT_ID>1011</UNIT_ID>
      <TIMEKEEPER>1</TIMEKEEPER>
      <EMPLOYEE_ID>100018</EMPLOYEE_ID>
      <SEQ_NO>72995</SEQ_NO>
      <CHILDREN_COUNT>4</CHILDREN_COUNT>
      <SUBUNIT_ID>1011 01</SUBUNIT_ID>
      <USER_ID>009</USER_ID>
      <USER_NAME>Larry Williams</USER_NAME>
      <EFD_START_DT>20180703</EFD_START_DT>
      <EFD_EXPIRY_DT>20180911</EFD_EXPIRY_DT>
    </ROW>
    <ROW>
      <UNIT_ID>6000</UNIT_ID>
      <TIMEKEEPER>3</TIMEKEEPER>
      <EMPLOYEE_ID />
      <SEQ_NO>32135</SEQ_NO>
      <CHILDREN_COUNT>1</CHILDREN_COUNT>
      <SUBUNIT_ID>02</SUBUNIT_ID>
      <USER_ID>018</USER_ID>
      <USER_NAME>Patricia Howze</USER_NAME>
      <EFD_START_DT>20170607</EFD_START_DT>
      <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    </ROW>
  </Params>
</FindTimekeepers>

```

```

</ROW>
<ROW>
  <UNIT_ID>1012</UNIT_ID>
  <TIMEKEEPER>2</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>72959</SEQ_NO>
  <CHILDREN_COUNT>2</CHILDREN_COUNT>
  <SUBUNIT_ID />
  <USER_ID>024</USER_ID>
  <USER_NAME>Inga Dawson</USER_NAME>
  <EFD_START_DT>20181115</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID />
  <TIMEKEEPER>5</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>69056</SEQ_NO>
  <CHILDREN_COUNT>1</CHILDREN_COUNT>
  <SUBUNIT_ID />
  <USER_ID>026</USER_ID>
  <USER_NAME>Angie Hancock</USER_NAME>
  <EFD_START_DT>20180503</EFD_START_DT>
  <EFD_EXPIRY_DT>20180525</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>114</UNIT_ID>
  <TIMEKEEPER>1</TIMEKEEPER>
  <EMPLOYEE_ID>Duded</EMPLOYEE_ID>
  <SEQ_NO>25398</SEQ_NO>
  <CHILDREN_COUNT>2</CHILDREN_COUNT>
  <SUBUNIT_ID>EDU</SUBUNIT_ID>
  <USER_ID>028</USER_ID>
  <USER_NAME>Gerald Goins</USER_NAME>
  <EFD_START_DT>20170215</EFD_START_DT>
  <EFD_EXPIRY_DT>99991229</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>1012</UNIT_ID>
  <TIMEKEEPER>3</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>36495</SEQ_NO>
  <CHILDREN_COUNT>1</CHILDREN_COUNT>
  <SUBUNIT_ID>1012 01</SUBUNIT_ID>
  <USER_ID>035</USER_ID>
  <USER_NAME>Peggy Walker</USER_NAME>
  <EFD_START_DT>20170620</EFD_START_DT>
  <EFD_EXPIRY_DT>99991210</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID />
  <TIMEKEEPER>5</TIMEKEEPER>

```

```

<EMPLOYEE_ID />
<SEQ_NO>70517</SEQ_NO>
<CHILDREN_COUNT>1</CHILDREN_COUNT>
<SUBUNIT_ID />
<USER_ID>052</USER_ID>
<USER_NAME>Carol Harvey</USER_NAME>
<EFD_START_DT>20180608</EFD_START_DT>
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID />
  <TIMEKEEPER>5</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>70518</SEQ_NO>
  <CHILDREN_COUNT>1</CHILDREN_COUNT>
  <SUBUNIT_ID />
  <USER_ID>054</USER_ID>
  <USER_NAME>Jean Barnette</USER_NAME>
  <EFD_START_DT>20180608</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID>ELECTRIC</UNIT_ID>
  <TIMEKEEPER>2</TIMEKEEPER>
  <EMPLOYEE_ID />
  <SEQ_NO>25256</SEQ_NO>
  <CHILDREN_COUNT>2</CHILDREN_COUNT>
  <SUBUNIT_ID />
  <USER_ID>059</USER_ID>
  <USER_NAME>Libby Jones</USER_NAME>
  <EFD_START_DT>20170215</EFD_START_DT>
  <EFD_EXPIRY_DT>99991229</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID />
  <TIMEKEEPER>4</TIMEKEEPER>
  <EMPLOYEE_ID>100015</EMPLOYEE_ID>
  <SEQ_NO>33181</SEQ_NO>
  <CHILDREN_COUNT>1</CHILDREN_COUNT>
  <SUBUNIT_ID />
  <USER_ID>638</USER_ID>
  <USER_NAME>Glenn Robinson</USER_NAME>
  <EFD_START_DT>20170613</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
</ROW>
<ROW>
  <UNIT_ID />
  <TIMEKEEPER>4</TIMEKEEPER>
  <EMPLOYEE_ID>100010</EMPLOYEE_ID>
  <SEQ_NO>72857</SEQ_NO>
  <CHILDREN_COUNT>15</CHILDREN_COUNT>
  <SUBUNIT_ID />

```

```

    <USER_ID>SFG</USER_ID>
    <USER_NAME>sfg</USER_NAME>
    <EFD_START_DT>20181113</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  </ROW>
  <ROW>
    <UNIT_ID>Yonder - t</UNIT_ID>
    <TIMEKEEPER>3</TIMEKEEPER>
    <EMPLOYEE_ID />
    <SEQ_NO>73779</SEQ_NO>
    <CHILDREN_COUNT>3</CHILDREN_COUNT>
    <SUBUNIT_ID>Blue</SUBUNIT_ID>
    <USER_ID>TK1</USER_ID>
    <USER_NAME>Time Keeper 1</USER_NAME>
    <EFD_START_DT>20171204</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  </ROW>
  <ROW>
    <UNIT_ID />
    <TIMEKEEPER>5</TIMEKEEPER>
    <EMPLOYEE_ID />
    <SEQ_NO>71323</SEQ_NO>
    <CHILDREN_COUNT>1</CHILDREN_COUNT>
    <SUBUNIT_ID />
    <USER_ID>TK2</USER_ID>
    <USER_NAME>Time Keeper 2</USER_NAME>
    <EFD_START_DT>20180701</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  </ROW>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</FindTimekeepers>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetTimekeeperPermission

The GetTimekeeperPermission API is used to return the permission for selected timekeepers used in the Timekeeper Maintenance screen.

Request

```
<Request>
  <GetTimekeeperPermission>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </GetTimekeeperPermission>
</Request>
```

Reply

```
<Reply>
  <GetTimekeeperPermission>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>6040</UNIT_ID>
      <TIMEKEEPER>3</TIMEKEEPER>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID />
      <SEQ_NO>73698</SEQ_NO>
      <SUBUNIT_ID>604001</SUBUNIT_ID>
      <USER_ID>SFG</USER_ID>
      <USER_NAME>sfg</USER_NAME>
      <EFD_START_DT>20181210</EFD_START_DT>
      <STATUS_DESC>Record found</STATUS_DESC>
      <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    </Params>
    <version>1</version>
  </GetTimekeeperPermission>
  <pid>15528</pid>
  <transNo>7</transNo>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

SetTimeKeeperMaintenance

The SetTimeKeeperMaintenance API is used to add or update a timekeeper permission in Timekeeper Maintenance screen.

Request

```
<Request>
  <SetTimeKeeperMaintenance>
    <Params>
      <USER_ID>SFG</USER_ID>
      <USER_NAME>sfg</USER_NAME>
      <EFD_START_DT>20181220</EFD_START_DT>
      <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
      <UNIT_ID>1010</UNIT_ID>
      <SUBUNIT_ID />
      <EMPLOYEE_ID />
      <TIMEKEEPER>2</TIMEKEEPER>
      <SEQ_NO />
    </Params>
  </SetTimeKeeperMaintenance>
</Request>
```

The TAG SEQ_NO is optional; when this tag is not present, the record has been added. When this tag is present with a value, the record has been updated.

Reply

Success

```
<Reply>
  <SetTimeKeeperMaintenance>
    <STATUS>0</STATUS>
    <Params>
      <UNIT_ID>1010</UNIT_ID>
      <TIMEKEEPER>2</TIMEKEEPER>
      <STATUS>0</STATUS>
      <EMPLOYEE_ID />
      <SEQ_NO>75377</SEQ_NO>
      <SUBUNIT_ID />
      <USER_ID>SFG</USER_ID>
      <USER_NAME>sfg</USER_NAME>
      <EFD_START_DT>20181220</EFD_START_DT>
      <STATUS_DESC>Save done</STATUS_DESC>
      <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    </Params>
    <version>1</version>
  </SetTimeKeeperMaintenance>
  <pid>14864</pid>
  <transNo>26</transNo>
</Reply>
```

Error

```
<Params>
  <USER_ID>SFG</USER_ID>
  <EFD_START_DT>20100602</EFD_START_DT>
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  <UNIT_ID>00S</UNIT_ID>
  <SUBUNIT_ID>OVHL</SUBUNIT_ID>
  <EMPLOYEE_ID>alex1</EMPLOYEE_ID>
  <TIMEKEEPER>6</TIMEKEEPER>
  <ERRORS>
    <ERROR_FIELD>TIMEKEEPER</ERROR_FIELD>
    <ERROR_MESSAGE>Value for Time Keeper is not valid! (Possible values:
0,1,2,3,4,5)</ERROR_MESSAGE>
  </ERRORS>
  <STATUS>-1</STATUS>
  <STATUS_DESC>Save failed</STATUS_DESC>
</Params>
```

Unit Maintenance APIs

Children display:

- [AddUnitPayType](#)
- [AddUnitResource](#)
- [AddUnitSubUnit](#)
- [DeleteResources](#)
- [DeleteUnitPayTypes](#)
- [DeleteUnitSubUnit](#)
- [Field Validations](#)
- [FindResources](#)
- [FindTimeEntryEmployees](#)
- [FindUnit](#)
- [FindUnitDescription](#)
- [FindUnitSubUnit](#)
- [GetCalendarsForSchedPeriod](#)
- [GetShifts](#)
- [GetUnitPayTypes](#)
- [GetUnitResources](#)
- [GetUnitSubUnit](#)
- [SetMLAForUnitSubUnit](#)
- [SetUnitMaintenance](#)
- [SetUnitPayTypes](#)
- [SetUnitResource](#)
- [SetUnitSubUnit](#)

AddUnitPayType

The AddUnitPayType API is used to add a pay type record for the corresponding unit/sub-unit.

Request

```
<Request>
  <AddUnitPayType>

    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <EARNING_CD></EARNING_CD>
      <DESCRIPTION></DESCRIPTION>
      <EARNING_SORT_CODE></EARNING_SORT_CODE>
      <PA_EARNING_CODE></PA_EARNING_CODE>
      <EARNING_CATEGORY></EARNING_CATEGORY>
      <MAX_DAILY_HOURS></MAX_DAILY_HOURS>
      <MIN_DAILY_HOURS></MIN_DAILY_HOURS>
      <MAX_PERIOD_HOURS></MAX_PERIOD_HOURS>
      <COLUMN_SEQ></COLUMN_SEQ>

    </Params>

  </AddUnitPayType>

</Request>
```

Reply


Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record updated</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

AddUnitResource

 This API is not used anymore and has been archived.

The AddUnitResource API is used to add a new resource record for the corresponding unit/sub-unit.

Request

```
<Request>
  <AddUnitResource>
    <Params>

      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <EMPLOYEE_TYPE></EMPLOYEE_TYPE>
      <PAYROLL_EMPL_NO></PAYROLL_EMPL_NO>
      <EMPLOYEE_NAME></EMPLOYEE_NAME>
      <EMPLOYEE_INITIALS></EMPLOYEE_INITIALS>
      <USER_ID></USER_ID>
      <COMMENTS></COMMENTS>
      <EFD_START_DT></EFD_START_DT>
      <EFD_EXPIRY_DT></EFD_EXPIRY_DT>

    </Params>
  </AddUnitResource>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <SEQ_NO></SEQ_NO>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

AddUnitSubUnit

The AddUnitSubUnit API is used to add a new record from the Unit Maintenance screen.

Request

```
<Request>
  <AddUnitSubUnit>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <DESCRIPTION></DESCRIPTION>
      <COMMENTS></COMMENTS>
      <WEEK_START></WEEK_START>
      <CICO_YN></CICO_YN>
      <SHIFT_CD></SHIFT_CD>
      <CALENDAR_CD></CALENDAR_CD>
    </Params>
  </AddUnitSubUnit>
</Request>
```

Reply


Success

```
<Params>
  <STATUS>0</STATUS>
  <SEQ_NO></SEQ_NO>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

DeleteResources

 This API is not used anymore and has been archived.

The DeleteUnitSubUnit is used to delete a record from the Unit Maintenance screen.

Request

```
<Request>
  <DeleteResources>
    <Params>
      <SEQ_NO>23;24</SEQ_NO>
    </Params>
  </DeleteResources>
</Request>
```

Reply


Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

DeleteUnitPayTypes

 This API is not used anymore and has been archived.

The DeleteUnitPayTypes API is used to delete a record from the Unit Maintenance screen.

Request

```
<Request>
  <DeleteUnitPayTypes>
    <Params>
      <SEQ_NO>23;24</SEQ_NO>
    </Params>
  </DeleteUnitPayTypes>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

DeleteUnitSubUnit

The DeleteUnitSubUnit API is used to delete a record from the Unit Maintenance screen.

Request

```
<Request>
  <DeleteUnitSubUnit>
    <Params>
      <SEQ_NO></SEQ_NO>
    </Params>
  </DeleteUnitSubUnit>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record deleted</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

Field Validations

Short description regarding the field validations for all the tables involved in the Unit maintenance screen.

Unit maintenance header (TE100M)

The header of the Unit maintenance screen is against the TE100M table.

Fields:

UNIT_ID: This field is string type and is mandatory. The value could not be empty and the maximum length should not exceed 10 characters.

SUBUNIT_ID: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

DESCRIPTION: This field is string type. The value could be empty but the maximum length should not exceed 40 characters.

WEEK_START: This field is character type. The value could not be empty and the maximum length should not exceed 1 character. The possible values should be between 0 and 6.

SHIFT_CD: This field is string type. The value could be empty but the maximum length should not exceed 20 characters. Should be a valid value from table TE310M.

CALENDAR_CD: This field is string type. The value could be empty but the maximum length should not exceed 10 characters. Should be a valid value from table TE400M.

COMMENTS: This field is string type. The value could be empty but the maximum length should not exceed 2000 characters.

CICO_YN: This field is character type. The value could not be empty and the maximum length should not exceed 1 character.

SEQ_NO: This field is numeric type. This value is used when updating a Unit/SubUnit and generated when adding a new one. The value must exist in table TE100M with the Unit and SubUnit used in request.

Resources TAB (TE200M and TE300M)

Table TE200M fields:

UNIT_ID: This field is string type and is mandatory. The value could not be empty and the maximum length should not exceed 10 characters.

SUBUNIT_ID: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

EMPLOYEE_ID: This field is string type and is mandatory. The value could not be empty and the maximum length should not exceed 20 characters. Should be a valid value from table TE300M.

EFD_EXPIRY_DT: This field is date type and is mandatory. The value could not be empty and the length should be 8 characters. The format should be YYYYMMDD.

EFD_START_DT: This field is date type and is mandatory. The value could not be empty and the length should be 8 characters. The format should be YYYYMMDD.

COMMENTS: This field is string type. The value could be empty but the maximum length should not exceed 2000 characters.

SEQ_NO: This field is numeric type. This value is used when updating a Resource and generated when adding a new one. The value must exist in table TE200M with the Unit and SubUnit used in request.

OBS: Combination of Unit/Subunit must be valid (must exist in table TE100M)

Table TE300M fields:

EMPLOYEE_ID: This field is string type and is mandatory. The value could not be empty and the maximum length should not exceed 20 characters. Should be a valid value from table TE300M.

EMPLOYEE_NAME: This field is string type. The value could be empty but the maximum length should not exceed 40 characters.

EMPLOYEE_INITIALS: This field is string type. The value could be empty but the maximum length should not exceed 3 characters.

EMPLOYEE_TYPE: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

PAYROLL_EMPL_NO: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

USER_ID: This field is string type. The value could be empty but the maximum length should not exceed 30 characters.

COMMENTS: This field is string type. The value could be empty but the maximum length should not exceed 2000 characters.

RESOURCE_CODE: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

Paytypes TAB(TE140M)

Fields

UNIT_ID: This field is string type and is mandatory. The value could not be empty and the maximum length should not exceed 10 characters.

SUBUNIT_ID: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

EARNING_CD: This field is string type and is mandatory. The value could not be empty and the maximum length should not exceed 10 characters. Should be a valid value from table TE150M.

DESCRIPTION: This field is string type. The value could be empty but the maximum length should not exceed 40 characters.

EARNING_SORT_CODE: This field is numeric type. The value could be empty. The maximum length should not exceed 3 characters.

PA_EARNING_CODE: This field is numeric type. The value could be empty. The maximum length should not exceed 3 characters.

EARNING_CATEGORY: This field is string type. The value could be empty but the maximum length should not exceed 10 characters.

MAX_DAILY_HOURS: This field is numeric type. The value could be empty. The values possible should be 0 till 24.

MIN_DAILY_HOURS: This field is numeric type. The value could be empty. Maximum length should not exceed 13 characters.

MAX_PERIOD_HOURS: This field is numeric type. The value could be empty. Maximum length should not exceed 13 characters.

COLUMN_SEQ: This field is numeric type. The value could be empty. The maximum length should not exceed 3 characters.

SEQ_NO: This field is numeric type. This value is used when updating a Resource and generated when adding a new one. The value must exist in table TE140M with the Unit and SubUnit used in request.

OBS: Combination of Unit/Subunit must be valid (must exist in table TE100M)

FindResources

The FindResources API is used to retrieve a list of resources.

Request

```
<Request>
  <FindResources>
    <Params>
      <EMPLOYEE_ID></EMPLOYEE_ID>
    </Params>
  </FindResources>
</Request>
```


The following parameters can be used: `<ASOFDATE></ASOFDATE>` for Time Entry, `<FROM_ROW></FROM_ROW>` and `<TO_ROW></TO_ROW>` used for pagination, and `<EMPLOYEE_TYPE></EMPLOYEE_TYPE>` used for filtering by employee type.

Reply

Success

```
<Params>

  <ROW>
    <SEQ_NO>5818</SEQ_NO>
    <EMPLOYEE_ID>ICGUSER_022</EMPLOYEE_ID>
    <EMPLOYEE_TYPE>1</EMPLOYEE_TYPE>
    <PAYROLL_EMPL_NO>0000080001</PAYROLL_EMPL_NO>
    <EMPLOYEE_NAME>Emp name_022</EMPLOYEE_NAME>
    <EMPLOYEE_INITIALS>CG</EMPLOYEE_INITIALS>
    <USER_ID>J0C</USER_ID>
    <COMMENTS/>
    <RESOURCE_CODE>0000000001</RESOURCE_CODE>
    <LKUP_FILTER_OUT>F</LKUP_FILTER_OUT>
    <MEMBERSHIP>F</MEMBERSHIP>
  </ROW>

  ...

  <ROW>
    <SEQ_NO>5821</SEQ_NO>
    <EMPLOYEE_ID>ICGUSER_082</EMPLOYEE_ID>
    <EMPLOYEE_TYPE>1</EMPLOYEE_TYPE>
    <PAYROLL_EMPL_NO>0000080001</PAYROLL_EMPL_NO>
    <EMPLOYEE_NAME>Emp name_082</EMPLOYEE_NAME>
    <EMPLOYEE_INITIALS>CG</EMPLOYEE_INITIALS>
    <USER_ID>J0C</USER_ID>
    <COMMENTS/>
    <RESOURCE_CODE>0000000001</RESOURCE_CODE>
    <LKUP_FILTER_OUT>F</LKUP_FILTER_OUT>
    <MEMBERSHIP>T</MEMBERSHIP>
  </ROW>

  <STATUS>0</STATUS>
  <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
```

```
<STATUS_DESC></STATUS_DESC>
</Params>
```

FindTimeEntryEmployees

The FindTimeEntryEmployees API is used to retrieve a list of employees corresponding to selected unit/sub-unit and date.

Request

```
<Request>
  <FindTimeEntryEmployees>

    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      <ASOFDATE></ASOFDATE>
    </Params>

  </FindTimeEntryEmployees>
</Request>
```

Reply

Success

```
<Params>
  <RESOURCES>
    <EMPLOYEE_ID></EMPLOYEE_ID>
    <EMPLOYEE_NAME></EMPLOYEE_NAME>
    <PAYROLL_EMPL_NO></PAYROLL_EMPL_NO>
    <UNIT_ID></UNIT_ID>
    <SUBUNIT_ID></SUBUNIT_ID>
    <TIMEKEEPER_USER_ID></TIMEKEEPER_USER_ID>
    <WEEK_START></WEEK_START>
  </RESOURCES>
  ...
  <RESOURCES>
    <EMPLOYEE_ID></EMPLOYEE_ID>
    <EMPLOYEE_NAME></EMPLOYEE_NAME>
    <PAYROLL_EMPL_NO></PAYROLL_EMPL_NO>
    <UNIT_ID></UNIT_ID>
    <SUBUNIT_ID></SUBUNIT_ID>
    <TIMEKEEPER_USER_ID></TIMEKEEPER_USER_ID>
    <WEEK_START></WEEK_START>
  </RESOURCES>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

FindUnit

The FindUnit API is used to retrieve a list of unique units in the Unit Maintenance and Time Entry screens.

Request

```
<Request>
  <FindUnit>
    <Params>
      </Params>
    </FindUnit>
  </Request>
```

The following parameters can be used: `<FROM_ROW></FROM_ROW>` and `<TO_ROW></TO_ROW>` are used for pagination, `<UNIT_ID></UNIT_ID>` are used for search the value from this parameter in the `UNIT_ID` or `SUBUNIT_ID` fields, `<ASOFDATE></ASOFDATE>` are used for Time Entry, `<FILTER></FILTER>` are used to filter the list in the Time Entry screen, and `<ROLE></ROLE>` are used to filter the substitute approval in the Time Entry screen.

Reply

Success

```
<Params>
  <RESOURCE>
    <UNIT_ID></UNIT_ID>
    <COUNT></COUNT>
    <ONLY_UNIT></ONLY_UNIT>
    <DESCRIPTION></DESCRIPTION>
    <MEMBERSHIP>T</MEMBERSHIP>
  </RESOURCE>
  <RESOURCE>
    <UNIT_ID></UNIT_ID>
    <COUNT></COUNT>
    <ONLY_UNIT></ONLY_UNIT>
    <DESCRIPTION></DESCRIPTION>
    <MEMBERSHIP>T</MEMBERSHIP>
```

```

</RESOURCE>
<RESOURCE>
  <UNIT_ID></UNIT_ID>
  <COUNT></COUNT>
  <ONLY_UNIT></ONLY_UNIT>
  <DESCRIPTION></DESCRIPTION>
  <MEMBERSHIP>F</MEMBERSHIP>
</RESOURCE>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

FindUnitDescription

The FindUnitDescription API is used for retrieving all the units with a description if the unit has no sub-units, one sub-unit, multiple sub-units, and/or one unit with no sub-unit.

Request

```

<Request>
  <FindUnitDescription>
    <Params>
      <UNIT_ID></UNIT_ID>
    </Params>
  </FindUnitDescription>
</Request>

```

The parameter `<UNIT_ID>` can take no value, and as response from the back-end side, you will receive a list of units with its own description; parameter `<UNIT_ID>` can take a value and can be used in order to search for a specific unit.

Reply

Success

```

<Reply>
  <FindUnitDescription>
    <Params>
      <ROW>
        <DESCRIPTION>EAST YORK BOARD OF EDUCATION</DESCRIPTION>
      </ROW>
    </Params>
  </FindUnitDescription>
</Reply>

```

```

        <UNIT_ID>1000</UNIT_ID>
    </ROW>
    <ROW>
        <DESCRIPTION>ELEMENTARY SCHOOL</DESCRIPTION>
        <UNIT_ID>1010</UNIT_ID>
    </ROW>
    <ROW>
        <DESCRIPTION>SAPIEN CURSUS IN INC.</DESCRIPTION>
        <UNIT_ID>1011</UNIT_ID>
    </ROW>
    <ROW>
        <DESCRIPTION>MAGNA ASSOCIATES</DESCRIPTION>
        <UNIT_ID>1012</UNIT_ID>
    </ROW>
    <ROW>
        <DESCRIPTION>APTENT TACITI</DESCRIPTION>
        <UNIT_ID>6000</UNIT_ID>
    </ROW>
    <ROW>
        <DESCRIPTION>College</DESCRIPTION>
        <UNIT_ID>6010</UNIT_ID>
    </ROW>
    <STATUS>0</STATUS>
    <STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<STATUS>0</STATUS>
</FindUnitDescription>
</Reply>

```

FindUnitSubUnit

The FindUnitSubUnit API is used to retrieve a list of records from the Unit Maintenance screen.

Request

```

<Request>
  <FindUnitSubUnit>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
    </Params>
  </FindUnitSubUnit>
</Request>

```

The request also accepts the following parameters: `<FROM_ROW></FROM_ROW>` and `<TO_ROW></TO_ROW>` used for pagination, `<UNIT_ID></UNIT_ID>` used for search the value from this parameter in the `UNIT_ID` or `SUBUNIT_ID` fields, `<ASOFDATE></ASOFDATE>` used for Time

Entry, `<FILTER></FILTER>` used to filter the list in Time Entry screen, `<ROLE></ROLE>` used to filter the substitute approval in Time Entry screen.

Reply

Success

```
<Reply>
  <pid>17736</pid>
  <transNo>50</transNo>
  <FindUnitSubUnit>
    <STATUS>0</STATUS>
    <Params>
      <UNITSUBUNIT>
        <UNIT_ID>1000</UNIT_ID>
        <MEMBERSHIP>T</MEMBERSHIP>
        <TIMEKEEPER>F</TIMEKEEPER>
        <DESCRIPTION>EAST YORK COLLEGIATE INSTITUTE</DESCRIPTION>
        <SUBUNIT_ID>1000 001</SUBUNIT_ID>
        <APPROVER>F</APPROVER>
      </UNITSUBUNIT>
      <UNITSUBUNIT>
        <UNIT_ID>1000</UNIT_ID>
        <MEMBERSHIP>T</MEMBERSHIP>
        <TIMEKEEPER>F</TIMEKEEPER>
        <DESCRIPTION>MARC GARNEAU COLLEGIATE INSTITUTE</DESCRIPTION>
        <SUBUNIT_ID>1000 002</SUBUNIT_ID>
        <APPROVER>F</APPROVER>
      </UNITSUBUNIT>
      <STATUS>0</STATUS>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
    </Params>
    <version>1</version>
  </FindUnitSubUnit>
</Reply>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetCalendarsForSchedPeriod

The GetCalendarsForSchedPeriod API is used to retrieve a list of Target Calendars for copying a new Calendar that has no Calendar Dates for the Schedule Period.

Request

```
<Request>
  <GetCalendarsForSchedPeriod>
    <Params>
      <SCHEDULE_SEQ_NO>9930</SCHEDULE_SEQ_NO>
      <CALENDAR_SEQ_NO>3214</CALENDAR_SEQ_NO>
    </Params>
  </GetCalendarsForSchedPeriod>
</Request>
```

Success

```
<Params>
  <ROW>
    <SEQ_NO>1030</SEQ_NO>
    <CALENDAR_CD>CANADA</CALENDAR_CD>
    <DESCRIPTION>Canadian Standard 1</DESCRIPTION>
  </ROW>
  <ROW>
    <SEQ_NO>1762</SEQ_NO>
    <CALENDAR_CD>JAMIECOPY</CALENDAR_CD>
    <DESCRIPTION>Canadian Union Holiday Calendar</DESCRIPTION>
  </ROW>
  <ROW>
    <SEQ_NO>2325</SEQ_NO>
    <CALENDAR_CD>STANDARD</CALENDAR_CD>
    <DESCRIPTION>American Standard</DESCRIPTION>
  </ROW>
</Params>
```

Error

```
<Params>
  <STATUS>-1</STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

GetShifts

The GetShifts API is used to retrieve a list of available shifts in the Unit Maintenance screen under the Shift Calendar tab.

Request

```
<Request>
  <GetShifts>
    <Params>
      <SHIFT_CD></SHIFT_CD>
    </Params>
  </GetShifts>
</Request>
```

The TAG SHIFT_CD is mandatory.

Reply

Success

```
<Reply>
  <GetShifts>
    <STATUS>0</STATUS>
    <Params>
      <SHIFT>
        <EARNING_CD>101WORK</EARNING_CD>
        <SHIFT_CD>U6000MAIN</SHIFT_CD>
        <ASSIGNMENT_CD>ASG</ASSIGNMENT_CD>
        <DEPT_GROUP>010</DEPT_GROUP>
        <DAY>
          <HOURS>4</HOURS>
          <DAY_OFF_YN>F</DAY_OFF_YN>
          <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
        </DAY>
        <DAY>
          <HOURS>4</HOURS>
          <DAY_OFF_YN>F</DAY_OFF_YN>
          <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
        </DAY>
        <DAY>
          <HOURS>8</HOURS>
          <DAY_OFF_YN>F</DAY_OFF_YN>
          <DAY_IN_CYCLE>3</DAY_IN_CYCLE>
        </DAY>
        <DAY>
          <HOURS>8</HOURS>
          <DAY_OFF_YN>F</DAY_OFF_YN>
          <DAY_IN_CYCLE>4</DAY_IN_CYCLE>
        </DAY>
        <DAY>
          <HOURS>8</HOURS>
          <DAY_OFF_YN>F</DAY_OFF_YN>
          <DAY_IN_CYCLE>5</DAY_IN_CYCLE>
        </DAY>
      </SHIFT>
    </Params>
  </GetShifts>
</Reply>
```



```

</DAY>
<content>101WORK</content>
<CHARGE_CODE>000000000000010002</CHARGE_CODE>
</SHIFT>
<SHIFT>
  <EARNING_CD>101BREAK</EARNING_CD>
  <SHIFT_CD>U6000MAIN</SHIFT_CD>
  <ASSIGNMENT_CD />
  <DEPT_GROUP />
  <DAY>
    <HOURS>1</HOURS>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
  </DAY>
  <DAY>
    <HOURS>1</HOURS>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
  </DAY>
  <content>101BREAK</content>
  <CHARGE_CODE />
</SHIFT>
<SHIFT>
  <EARNING_CD>102WORK</EARNING_CD>
  <SHIFT_CD>U6000MAIN</SHIFT_CD>
  <ASSIGNMENT_CD>ASG</ASSIGNMENT_CD>
  <DEPT_GROUP>010</DEPT_GROUP>
  <DAY>
    <HOURS>4</HOURS>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>1</DAY_IN_CYCLE>
  </DAY>
  <DAY>
    <HOURS>4</HOURS>
    <DAY_OFF_YN>F</DAY_OFF_YN>
    <DAY_IN_CYCLE>2</DAY_IN_CYCLE>
  </DAY>
  <content>102WORK</content>
  <CHARGE_CODE>000000000000010001</CHARGE_CODE>
</SHIFT>
<STATUS>0</STATUS>
<DAYS>
  <DAY>
    <DAYNUMBER>1</DAYNUMBER>
    <DAYOFFYN>F</DAYOFFYN>
  </DAY>
  <DAY>
    <DAYNUMBER>2</DAYNUMBER>
    <DAYOFFYN>F</DAYOFFYN>
  </DAY>
  <DAY>
    <DAYNUMBER>3</DAYNUMBER>

```

```

        <DAYOFFYN>F</DAYOFFYN>
    </DAY>
    <DAY>
        <DAYNUMBER>4</DAYNUMBER>
        <DAYOFFYN>F</DAYOFFYN>
    </DAY>
    <DAY>
        <DAYNUMBER>5</DAYNUMBER>
        <DAYOFFYN>F</DAYOFFYN>
    </DAY>
    <DAY>
        <DAYNUMBER>6</DAYNUMBER>
        <DAYOFFYN>T</DAYOFFYN>
    </DAY>
    <DAY>
        <DAYNUMBER>7</DAYNUMBER>
        <DAYOFFYN>T</DAYOFFYN>
    </DAY>
</DAYS>
<STATUS_DESC>Multiple records found</STATUS_DESC>
</Params>
<version>1</version>
</GetShifts>
<pid>14864</pid>
<transNo>1

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetUnitPayTypes

The GetUnitPayTypes API is used to retrieve records for Pay Types from the Unit Maintenance screen.

Request


```

<Request>
  <GetUnitPayTypes>
    <Params>
      <UNIT_ID>6000</UNIT_ID>
      <SUBUNIT_ID>01</SUBUNIT_ID>
    </Params>
  </GetUnitPayTypes>
</Request>

```

Reply

Success

 This success reply has been archived.

```
<Reply>
  <GetUnitPayTypes>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
      <RESOURCE>
        <UNIT_ID>6000</UNIT_ID>
        <PA_EARNING_CODE>5</PA_EARNING_CODE>
        <MAX_DAILY_HOURS />
        <EARNING_CD>101WORK</EARNING_CD>
        <MIN_DAILY_HOURS />
        <COLUMN_SEQ>2</COLUMN_SEQ>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <MAX_PERIOD_HOURS />
        <EARNING_SORT_CODE>2</EARNING_SORT_CODE>
        <EARNING_CATEGORY>0</EARNING_CATEGORY>
        <SEQ_NO>38399</SEQ_NO>
        <DESCRIPTION>regular work for unit 6000</DESCRIPTION>
        <SUBUNIT_ID>01</SUBUNIT_ID>
      </RESOURCE>
      <RESOURCE>
        <UNIT_ID>6000</UNIT_ID>
        <PA_EARNING_CODE>40</PA_EARNING_CODE>
        <MAX_DAILY_HOURS />
        <EARNING_CD>HBANK</EARNING_CD>
        <MIN_DAILY_HOURS />
        <COLUMN_SEQ />
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <MAX_PERIOD_HOURS />
        <EARNING_SORT_CODE />
        <EARNING_CATEGORY>4</EARNING_CATEGORY>
        <SEQ_NO>72241</SEQ_NO>
        <DESCRIPTION>Vacation</DESCRIPTION>
        <SUBUNIT_ID>01</SUBUNIT_ID>
      </RESOURCE>
      <RESOURCE>
        <UNIT_ID>6000</UNIT_ID>
        <PA_EARNING_CODE>50</PA_EARNING_CODE>
        <MAX_DAILY_HOURS>8</MAX_DAILY_HOURS>
        <EARNING_CD>SICK</EARNING_CD>
        <MIN_DAILY_HOURS>4</MIN_DAILY_HOURS>
        <COLUMN_SEQ />
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <MAX_PERIOD_HOURS />
```

```

    <EARNING_SORT_CODE>50</EARNING_SORT_CODE>
    <EARNING_CATEGORY>3</EARNING_CATEGORY>
    <SEQ_NO>72331</SEQ_NO>
    <DESCRIPTION>Sick</DESCRIPTION>
    <SUBUNIT_ID>01</SUBUNIT_ID>
  </RESOURCE>
</Params>
<version>1</version>
</GetUnitPayTypes>
<pid>14864</pid>
<transNo>14</transNo>
</Reply>

```

Success

```

<Reply>
  <GetUnitPayTypes>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
      <RESOURCE>
        <COLUMN_SEQ>1</COLUMN_SEQ>
        <DESCRIPTION>paul pay type</DESCRIPTION>
        <EARNING_CATEGORY>0</EARNING_CATEGORY>
        <EARNING_CD>paul</EARNING_CD>
        <EARNING_SORT_CODE />
        <MAX_DAILY_HOURS>20</MAX_DAILY_HOURS>
        <MAX_DAILY_HOURS_DISPLAY>20</MAX_DAILY_HOURS_DISPLAY>
        <MAX_DAILY_HOURS_MASTER>8</MAX_DAILY_HOURS_MASTER>
        <MAX_DAILY_HOURS_OVERRIDE>20</MAX_DAILY_HOURS_OVERRIDE>
        <MAX_PERIOD_HOURS>3300</MAX_PERIOD_HOURS>
        <MAX_PERIOD_HOURS_DISPLAY>3300</MAX_PERIOD_HOURS_DISPLAY>
        <MAX_PERIOD_HOURS_MASTER>100</MAX_PERIOD_HOURS_MASTER>
        <MAX_PERIOD_HOURS_OVERRIDE>3300</MAX_PERIOD_HOURS_OVERRIDE>
        <MIN_DAILY_HOURS>10</MIN_DAILY_HOURS>
        <MIN_DAILY_HOURS_DISPLAY>10</MIN_DAILY_HOURS_DISPLAY>
        <MIN_DAILY_HOURS_MASTER>5</MIN_DAILY_HOURS_MASTER>
        <MIN_DAILY_HOURS_OVERRIDE>10</MIN_DAILY_HOURS_OVERRIDE>
        <PA_EARNING_CODE>1</PA_EARNING_CODE>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <SEQ_NO>189635</SEQ_NO>
        <SUBUNIT_ID />
        <UNIT_ID>111qsw</UNIT_ID>
      </RESOURCE>
      <RESOURCE>
        <COLUMN_SEQ />
        <DESCRIPTION>test</DESCRIPTION>
        <EARNING_CATEGORY>11</EARNING_CATEGORY>
        <EARNING_CD>test</EARNING_CD>
        <EARNING_SORT_CODE />

```

```

        <MAX_DAILY_HOURS />
        <MAX_DAILY_HOURS_DISPLAY />
        <MAX_DAILY_HOURS_MASTER />
        <MAX_DAILY_HOURS_OVERRIDE />
        <MAX_PERIOD_HOURS />
        <MAX_PERIOD_HOURS_DISPLAY />
        <MAX_PERIOD_HOURS_MASTER />
        <MAX_PERIOD_HOURS_OVERRIDE />
        <MIN_DAILY_HOURS>1</MIN_DAILY_HOURS>
        <MIN_DAILY_HOURS_DISPLAY>1</MIN_DAILY_HOURS_DISPLAY>
        <MIN_DAILY_HOURS_MASTER />
        <MIN_DAILY_HOURS_OVERRIDE>1</MIN_DAILY_HOURS_OVERRIDE>
        <PA_EARNING_CODE />
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <SEQ_NO>162410</SEQ_NO>
        <SUBUNIT_ID />
        <UNIT_ID>111qsw</UNIT_ID>
    </RESOURCE>
</Params>
<version>1</version>
</GetUnitPayTypes>
<pid>14864</pid>
<transNo>14</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetUnitResources

The GetResources API is used to retrieve all resource records for the corresponding unit/sub-unit.

Request

```

<Request>
  <GetUnitResources>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
      [ <EMPLOYEE_ID></EMPLOYEE_ID> ]
    </Params>
  </GetUnitResources>
</Request>

```

The `EMPLOYEE_ID` is optional. When it is present, it looks to return the specific settings for the given unit, sub-unit and employee.

The following parameters can also be used: `<ASOFDATE></ASOFDATE>` used for Time Entry, `<FROM_ROW></FROM_ROW>` and `<TO_ROW></TO_ROW>` used for pagination, `<SEQ_NO></SEQ_NO>` used to retrieve data for a specific membership, in the Employee Override screen.

Reply

Success

```
<Reply>
  <GetUnitResources>
    <STATUS>0</STATUS>
    <Params>
      <STATUS>0</STATUS>
      <STATUS_DESC>Multiple records found</STATUS_DESC>
      <RESOURCE>
        <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
        <UNIT_ID>6000</UNIT_ID>
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <RESOURCE_CODE>0000000155</RESOURCE_CODE>
        <EMPLOYEE_INITIALS>ARY</EMPLOYEE_INITIALS>
        <SHIFT_CD />
        <USER_ID>004</USER_ID>
        <COMMENTS />
        <EMPLOYEE_NAME>01 ADKINS, RAY</EMPLOYEE_NAME>
        <ROWSTATE>UNMODIFIED</ROWSTATE>
        <APPROVER />
        <CALENDAR_CD />
        <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <TIMEKEEPER />
        <SEQ_NO>74783</SEQ_NO>
        <PAYROLL_EMPL_NO>0000002386</PAYROLL_EMPL_NO>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
        <SUBSTITUTEAPPROVER />
        <EFD_START_DT>20181101</EFD_START_DT>
      </RESOURCE>
    </PARAMS>
  </GETUNITRESOURCES>
  <RESOURCE>
    <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
    <UNIT_ID>6000</UNIT_ID>
    <EMPLOYEE_ID>600000</EMPLOYEE_ID>
    <RESOURCE_CODE>0000001176</RESOURCE_CODE>
    <EMPLOYEE_INITIALS>DHJ</EMPLOYEE_INITIALS>
    <SHIFT_CD />
    <USER_ID>035</USER_ID>
```

```

<COMMENTS />
<EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
<ROWSTATE>UNMODIFIED</ROWSTATE>
<APPROVER />
<CALENDAR_CD />
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
<EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
<TIMEKEEPER />
<SEQ_NO>45615</SEQ_NO>
<PAYROLL_EMPL_NO />
<SUBUNIT_ID>01</SUBUNIT_ID>
<UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
<SUBSTITUTEAPPROVER />
<EFD_START_DT>20180210</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600000</EMPLOYEE_ID>
  <RESOURCE_CODE>0000001176</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>DHJ</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>035</USER_ID>
  <COMMENTS />
  <EMPLOYEE_NAME>DILLON, HOLMES J.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>20180208</EFD_EXPIRY_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <TIMEKEEPER />
  <SEQ_NO>38133</SEQ_NO>
  <PAYROLL_EMPL_NO />
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
  <SUBSTITUTEAPPROVER />
  <EFD_START_DT>20160721</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600003</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000214</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>FAN</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS>test</COMMENTS>
  <EMPLOYEE_NAME>FRYE, ABDUL N.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>

```

```

<EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
<TIMEKEEPER />
<SEQ_NO>72473</SEQ_NO>
<PAYROLL_EMPL_NO>0000002671</PAYROLL_EMPL_NO>
<SUBUNIT_ID>01</SUBUNIT_ID>
<UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
<SUBSTITUTEAPPROVER />
<EFD_START_DT>20181001</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600004</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000314</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>TSR</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS />
  <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <TIMEKEEPER />
  <SEQ_NO>45613</SEQ_NO>
  <PAYROLL_EMPL_NO>0000003748</PAYROLL_EMPL_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
  <SUBSTITUTEAPPROVER />
  <EFD_START_DT>20180210</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600004</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000314</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>TSR</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS />
  <EMPLOYEE_NAME>TORRES, SEAN R.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>20180208</EFD_EXPIRY_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <TIMEKEEPER />
  <SEQ_NO>40133</SEQ_NO>
  <PAYROLL_EMPL_NO>0000003748</PAYROLL_EMPL_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>

```



```

    <SUBSTITUTEAPPROVER />
    <EFD_START_DT>20171121</EFD_START_DT>
  </RESOURCE>
  <RESOURCE>
    <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
    <UNIT_ID>6000</UNIT_ID>
    <EMPLOYEE_ID>600005</EMPLOYEE_ID>
    <RESOURCE_CODE>0000000533</RESOURCE_CODE>
    <EMPLOYEE_INITIALS>FHR</EMPLOYEE_INITIALS>
    <SHIFT_CD />
    <USER_ID>009</USER_ID>
    <COMMENTS />
    <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <APPROVER />
    <CALENDAR_CD />
    <EFD_EXPIRY_DT>20180208</EFD_EXPIRY_DT>
    <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
    <TIMEKEEPER />
    <SEQ_NO>38179</SEQ_NO>
    <PAYROLL_EMPL_NO>0000000157</PAYROLL_EMPL_NO>
    <SUBUNIT_ID>01</SUBUNIT_ID>
    <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
    <SUBSTITUTEAPPROVER />
    <EFD_START_DT>20170719</EFD_START_DT>
  </RESOURCE>
  <RESOURCE>
    <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
    <UNIT_ID>6000</UNIT_ID>
    <EMPLOYEE_ID>600005</EMPLOYEE_ID>
    <RESOURCE_CODE>0000000533</RESOURCE_CODE>
    <EMPLOYEE_INITIALS>FHR</EMPLOYEE_INITIALS>
    <SHIFT_CD />
    <USER_ID>009</USER_ID>
    <COMMENTS />
    <EMPLOYEE_NAME>FARLEY, HOLLEE R.</EMPLOYEE_NAME>
    <ROWSTATE>UNMODIFIED</ROWSTATE>
    <APPROVER />
    <CALENDAR_CD />
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
    <TIMEKEEPER />
    <SEQ_NO>45614</SEQ_NO>
    <PAYROLL_EMPL_NO>0000000157</PAYROLL_EMPL_NO>
    <SUBUNIT_ID>01</SUBUNIT_ID>
    <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
    <SUBSTITUTEAPPROVER />
    <EFD_START_DT>20180210</EFD_START_DT>
  </RESOURCE>
  <RESOURCE>
    <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
    <UNIT_ID>6000</UNIT_ID>

```

```

<EMPLOYEE_ID>600006</EMPLOYEE_ID>
<RESOURCE_CODE>0000000533</RESOURCE_CODE>
<EMPLOYEE_INITIALS>GAY</EMPLOYEE_INITIALS>
<SHIFT_CD />
<USER_ID>009</USER_ID>
<COMMENTS />
<EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
<ROWSTATE>UNMODIFIED</ROWSTATE>
<APPROVER />
<CALENDAR_CD />
<EFD_EXPIRY_DT>20180208</EFD_EXPIRY_DT>
<EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
<TIMEKEEPER />
<SEQ_NO>38481</SEQ_NO>
<PAYROLL_EMPL_NO>0000002671</PAYROLL_EMPL_NO>
<SUBUNIT_ID>01</SUBUNIT_ID>
<UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
<SUBSTITUTEAPPROVER />
<EFD_START_DT>20170713</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600006</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000533</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>GAY</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS />
  <EMPLOYEE_NAME>GIBBS, ASTRA Y.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <TIMEKEEPER />
  <SEQ_NO>45612</SEQ_NO>
  <PAYROLL_EMPL_NO>0000002671</PAYROLL_EMPL_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
  <SUBSTITUTEAPPROVER />
  <EFD_START_DT>20180210</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600007</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000533</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>GLG</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS />

```

```

<EMPLOYEE_NAME>GUERRERO, LEONARD G.</EMPLOYEE_NAME>
<ROWSTATE>UNMODIFIED</ROWSTATE>
<APPROVER />
<CALENDAR_CD />
<EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
<EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
<TIMEKEEPER />
<SEQ_NO>40139</SEQ_NO>
<PAYROLL_EMPL_NO>0000003748</PAYROLL_EMPL_NO>
<SUBUNIT_ID>01</SUBUNIT_ID>
<UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
<SUBSTITUTEAPPROVER />
<EFD_START_DT>20171121</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600008</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000533</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>LAT</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS />
  <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
  <TIMEKEEPER />
  <SEQ_NO>47858</SEQ_NO>
  <PAYROLL_EMPL_NO>0000000157</PAYROLL_EMPL_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
  <SUBSTITUTEAPPROVER />
  <EFD_START_DT>20180301</EFD_START_DT>
</RESOURCE>
<RESOURCE>
  <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
  <UNIT_ID>6000</UNIT_ID>
  <EMPLOYEE_ID>600008</EMPLOYEE_ID>
  <RESOURCE_CODE>0000000533</RESOURCE_CODE>
  <EMPLOYEE_INITIALS>LAT</EMPLOYEE_INITIALS>
  <SHIFT_CD />
  <USER_ID>009</USER_ID>
  <COMMENTS />
  <EMPLOYEE_NAME>LOGAN, ARISTOTLE T.</EMPLOYEE_NAME>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <APPROVER />
  <CALENDAR_CD />
  <EFD_EXPIRY_DT>20180227</EFD_EXPIRY_DT>
  <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>

```

```

    <TIMEKEEPER />
    <SEQ_NO>40141</SEQ_NO>
    <PAYROLL_EMPL_NO>0000000157</PAYROLL_EMPL_NO>
    <SUBUNIT_ID>01</SUBUNIT_ID>
    <UNIT_DESCRIPTION>APTENT TACITI MAIN</UNIT_DESCRIPTION>
    <SUBSTITUTEAPPROVER />
    <EFD_START_DT>20171121</EFD_START_DT>
  </RESOURCE>
</Params>
<version>1</version>
</GetUnitResources>
<pid>15528</pid>
<transNo>21</transNo>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

GetUnitSubUnit

The GetUnitSubUnit API is used to retrieve a specific record from the Unit Maintenance screen.

Request

```

<Request>
  <GetUnitSubUnit>
    <Params>
      <UNIT_ID></UNIT_ID>
      <SUBUNIT_ID></SUBUNIT_ID>
    </Params>
  </GetUnitSubUnit>
</Request>

```

Reply

Success

```

<Reply>
  <pid>17736</pid>
  <transNo>20</transNo>
  <GetUnitSubUnit>
    <STATUS>0</STATUS>

```

```

<Params>
  <UNIT_ID>6000</UNIT_ID>
  <STATUS>0</STATUS>
  <SEQ_NO>38007</SEQ_NO>
  <DESCRIPTION>APTENT TACITI MAIN</DESCRIPTION>
  <WEEK_START>3</WEEK_START>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <SHIFT_CD>01EOT</SHIFT_CD>
  <COMMENTS>APTENT TACITI MAIN COMMENT</COMMENTS>
  <ROWSTATE>UNMODIFIED</ROWSTATE>
  <SHIFT_DESCRIPTION>01 EOT SHIFT</SHIFT_DESCRIPTION>
  <CALENDAR_CD>U6000MAIN</CALENDAR_CD>
  <STATUS_DESC>Record found</STATUS_DESC>
</Params>
<version>1</version>
</GetUnitSubUnit>
</Reply>

```

Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetMLAForUnitSubUnit

The SetMLAForUnitSubUnit API is used for unit/sub-unit multi-level approval.

Request

```

<Params>
  <UNIT_ID></UNIT_ID>
  <SUBUNIT_ID></SUBUNIT_ID>
</Params>

```

Reply

Success

```

<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

Error

SetUnitMaintenance

The SetUnitMaintenance API is used to update the unit/sub-unit.

Request

```
<Request>
  <SetUnitMaintenance>
    <Params>
      <UNITMAINTENANCE>
        <UNIT_ID>6000</UNIT_ID>
        <SEQ_NO>38007</SEQ_NO>
        <DESCRIPTION>APTENT TACITI MAIN</DESCRIPTION>
        <WEEK_START>3</WEEK_START>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <SHIFT_CD>U6000MAIN</SHIFT_CD>
        <COMMENTS>APTENT TACITI MAIN COMMENT1</COMMENTS>
        <ROWSTATE>UPDATE</ROWSTATE>
        <SHIFT_DESCRIPTION>MAIN UNIT</SHIFT_DESCRIPTION>
        <CALENDAR_CD>U6000MAIN</CALENDAR_CD>
        <clientShownField>01 EOT SHIFT</clientShownField>
      </UNITMAINTENANCE>
      <RESOURCES>
        <ROWSTATE>ADD</ROWSTATE>
        <EMPLOYEE_ID>100013</EMPLOYEE_ID>
        <PAYROLL_EMPL_NO>0000000548</PAYROLL_EMPL_NO>
        <EMPLOYEE_NAME>01 HARRELL, LYDIA</EMPLOYEE_NAME>
        <EMPLOYEE_INITIALS>HAL</EMPLOYEE_INITIALS>
        <USER_ID>004</USER_ID>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
        <EFD_START_DT>20181220</EFD_START_DT>
        <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
        <COMMENTS />
        <rid>1e4c34c2-b36e-9b48-f233-d71372cf54ae</rid>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <UNIT_ID>6000</UNIT_ID>
        <SUBUNIT_ID>01</SUBUNIT_ID>
      </RESOURCES>
      <PAYTYPES>
        <ROWSTATE>ADD</ROWSTATE>
        <EARNING_CD>000test</EARNING_CD>
        <EARNING_CATEGORY>8</EARNING_CATEGORY>
        <DESCRIPTION>000test short</DESCRIPTION>
        <EARNING_SORT_CODE />
        <PA_EARNING_CODE>10</PA_EARNING_CODE>
        <COLUMN_SEQ />
      </PAYTYPES>
    </Params>
  </SetUnitMaintenance>
</Request>
```

```

    <MAX_PERIOD_HOURS />
    <MIN_DAILY_HOURS />
    <MAX_DAILY_HOURS />
    <MAX_PERIOD_HOURS_OVERRIDE />
    <MIN_DAILY_HOURS_OVERRIDE />
    <MAX_DAILY_HOURS_OVERRIDE />
    <rid>aac022df-435a-3b5a-28c6-2d85e149aec6</rid>
    <rowConfig>
        <disabledConfig />
    </rowConfig>
    <UNIT_ID>6000</UNIT_ID>
    <SUBUNIT_ID>01</SUBUNIT_ID>
</PAYTYPES>
</Params>
</SetUnitMaintenance>
</Request>

```

OBS:

The TAG UNITMAINTENANCE will contain the information for Unit/SubUnit part.

The TAG RESOURCES will contain the information for the Resource tab. Each TAG represent a line from the grid.

The TAG PAYTYPES will contain the information for the PayTypes tab. Each TAG represent a line from the grid.

ROWSTATE contains the information regarding the state of the row. Possible values:

- ADD: this value means that the information is new(a new Unit/SubUnit or a new line in grid) and need to be added in DB. In this situation the response need to contain the SEQ_NO tag.
- UPDATE: this value means that the information is updated(Unit/SubUnit or the line in grid) and need to be updated in DB. In this situation the call need to contain the SEQ_NO tag.
- DELETE: this value means that the information is deleted(Unit/SubUnit or the line in grid) and need to be deleted also from DB. In this situation the call need to contain the SEQ_NO tag.
- UNMODIFIED: this value means that the record is unchanged.

Reply

Success:

```

Request>
  <SetUnitMaintenance>
    <Params>
      <UNITMAINTENANCE>
        <UNIT_ID>6000</UNIT_ID>
        <SEQ_NO>38007</SEQ_NO>
        <DESCRIPTION>APTENT TACITI MAIN</DESCRIPTION>
        <WEEK_START>3</WEEK_START>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <SHIFT_CD>U6000MAIN</SHIFT_CD>
        <COMMENTS>APTENT TACITI MAIN COMMENT1</COMMENTS>
      </UNITMAINTENANCE>
    </Params>
  </SetUnitMaintenance>
</Request>

```

```

    <ROWSTATE>UPDATE</ROWSTATE>
    <SHIFT_DESCRIPTION>MAIN UNIT</SHIFT_DESCRIPTION>
    <CALENDAR_CD>U6000MAIN</CALENDAR_CD>
    <clientShownField>01 EOT SHIFT</clientShownField>
  </UNITMAINTENANCE>
  <RESOURCES>
    <ROWSTATE>ADD</ROWSTATE>
    <EMPLOYEE_ID>100013</EMPLOYEE_ID>
    <PAYROLL_EMPL_NO>0000000548</PAYROLL_EMPL_NO>
    <EMPLOYEE_NAME>01 HARRELL, LYDIA</EMPLOYEE_NAME>
    <EMPLOYEE_INITIALS>HAL</EMPLOYEE_INITIALS>
    <USER_ID>004</USER_ID>
    <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
    <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
    <EFD_START_DT>20181220</EFD_START_DT>
    <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
    <COMMENTS />
    <rid>1e4c34c2-b36e-9b48-f233-d71372cf54ae</rid>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
    <UNIT_ID>6000</UNIT_ID>
    <SUBUNIT_ID>01</SUBUNIT_ID>
  </RESOURCES>
  <PAYTYPES>
    <ROWSTATE>ADD</ROWSTATE>
    <EARNING_CD>000test</EARNING_CD>
    <EARNING_CATEGORY>8</EARNING_CATEGORY>
    <DESCRIPTION>000test short</DESCRIPTION>
    <EARNING_SORT_CODE />
    <PA_EARNING_CODE>10</PA_EARNING_CODE>
    <COLUMN_SEQ />
    <MAX_PERIOD_HOURS />
    <MIN_DAILY_HOURS />
    <MAX_DAILY_HOURS />
    <MAX_PERIOD_HOURS_OVERRIDE />
    <MIN_DAILY_HOURS_OVERRIDE />
    <MAX_DAILY_HOURS_OVERRIDE />
    <rid>aac022df-435a-3b5a-28c6-2d85e149aec6</rid>
    <rowConfig>
      <disabledConfig />
    </rowConfig>
    <UNIT_ID>6000</UNIT_ID>
    <SUBUNIT_ID>01</SUBUNIT_ID>
  </PAYTYPES>
</Params>
</SetUnitMaintenance>
</Request>

```


Success

```
<Reply>
  <SetUnitMaintenance>
    <STATUS>0</STATUS>
    <Params>
      <RESOURCES>
        <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
        <UNIT_ID>6000</UNIT_ID>
        <daterange></daterange>
        <EMPLOYEE_ID>100013</EMPLOYEE_ID>
        <EMPLOYEE_INITIALS>HAL</EMPLOYEE_INITIALS>
        <USER_ID>004</USER_ID>
        <COMMENTS />
        <EMPLOYEE_NAME>01 HARRELL, LYDIA</EMPLOYEE_NAME>
        <ROWSTATE>ADD</ROWSTATE>
        <rid>1e4c34c2-b36e-9b48-f233-d71372cf54ae</rid>
        <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <SEQ_NO>75378</SEQ_NO>
        <PAYROLL_EMPL_NO>0000000548</PAYROLL_EMPL_NO>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <rowConfig>
          <disabledConfig></disabledConfig>
        </rowConfig>
        <EFD_START_DT>20181220</EFD_START_DT>
      </RESOURCES>
    <STATUS>0</STATUS>
    <UNITMAINTENANCE>
      <UNIT_ID>6000</UNIT_ID>
      <SEQ_NO>38007</SEQ_NO>
      <DESCRIPTION>APTENT TACITI MAIN</DESCRIPTION>
      <WEEK_START>3</WEEK_START>
      <SUBUNIT_ID>01</SUBUNIT_ID>
      <SHIFT_CD>U6000MAIN</SHIFT_CD>
      <COMMENTS>APTENT TACITI MAIN COMMENT1</COMMENTS>
      <clientShownField>01 EOT SHIFT</clientShownField>
      <ROWSTATE>UPDATE</ROWSTATE>
      <SHIFT_DESCRIPTION>MAIN UNIT</SHIFT_DESCRIPTION>
      <CALENDAR_CD>U6000MAIN</CALENDAR_CD>
    </UNITMAINTENANCE>
    <PAYTYPES>
      <UNIT_ID>6000</UNIT_ID>
      <PA_EARNING_CODE>10</PA_EARNING_CODE>
      <MAX_DAILY_HOURS></MAX_DAILY_HOURS>
      <EARNING_CD>000test</EARNING_CD>
      <MIN_DAILY_HOURS></MIN_DAILY_HOURS>
      <COLUMN_SEQ></COLUMN_SEQ>
      <ROWSTATE>ADD</ROWSTATE>
      <MAX_PERIOD_HOURS></MAX_PERIOD_HOURS>
      <rid>aac022df-435a-3b5a-28c6-2d85e149aec6</rid>
```

```

        <EARNING_SORT_CODE></EARNING_SORT_CODE>
        <EARNING_CATEGORY>8</EARNING_CATEGORY>
        <DESCRIPTION>000test short</DESCRIPTION>
        <SEQ_NO>75379</SEQ_NO>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <rowConfig>
            <disabledConfig></disabledConfig>
        </rowConfig>
    </PAYTYPES>
    <STATUS_DESC>Save done</STATUS_DESC>
</Params>
<version>1</version>
</SetUnitMaintenance>
<pid>16236</pid>
<transNo>33</transNo>
</Reply>

```

Error

```

<Reply>
  <SetUnitMaintenance>
    <STATUS>0</STATUS>
    <Params>
      <RESOURCES>
        <EMPLOYEE_TYPE_DESCRIPTION>Employee</EMPLOYEE_TYPE_DESCRIPTION>
        <UNIT_ID>6000</UNIT_ID>
        <daterange />
        <EMPLOYEE_ID>100010</EMPLOYEE_ID>
        <ERRORS>
          <ERROR_MESSAGE>RESOURCE ID '100010' is already defined between:
Dec-20-2018 and Dec-31-9999</ERROR_MESSAGE>
          <ERROR_FIELD>EMPLOYEE_ID</ERROR_FIELD>
        </ERRORS>
        <EMPLOYEE_INITIALS>ARY</EMPLOYEE_INITIALS>
        <USER_ID>004</USER_ID>
        <COMMENTS />
        <EMPLOYEE_NAME>01 ADKINS, RAY</EMPLOYEE_NAME>
        <ROWSTATE>ADD</ROWSTATE>
        <rid>a3a9258c-0062-517e-eca2-8c8ebc185cee</rid>
        <EFD_EXPIRY_DT>99991231</EFD_EXPIRY_DT>
        <EMPLOYEE_TYPE>0</EMPLOYEE_TYPE>
        <SEQ_NO />
        <PAYROLL_EMPL_NO>0000002386</PAYROLL_EMPL_NO>
        <SUBUNIT_ID>01</SUBUNIT_ID>
        <rowConfig>
          <disabledConfig />
        </rowConfig>
        <EFD_START_DT>20181220</EFD_START_DT>
      </RESOURCES>
      <STATUS>-1</STATUS>
    <UNITMAINTENANCE>


```

```

<UNIT_ID>6000</UNIT_ID>
<SEQ_NO>38007</SEQ_NO>
<DESCRIPTION>APTENT TACITI MAIN</DESCRIPTION>
<WEEK_START>3</WEEK_START>
<SUBUNIT_ID>01</SUBUNIT_ID>
<SHIFT_CD>FDT</SHIFT_CD>
<COMMENTS>APTENT TACITI MAIN COMMENT1</COMMENTS>
<ROWSTATE>UPDATE</ROWSTATE>
<SHIFT_DESCRIPTION>ABSENCE TESTING</SHIFT_DESCRIPTION>
<CALENDAR_CD>U6000MAIN</CALENDAR_CD>
</UNITMAINTENANCE>
<PAYTYPES>
  <UNIT_ID>6000</UNIT_ID>
  <PA_EARNING_CODE>10</PA_EARNING_CODE>
  <MAX_DAILY_HOURS>8</MAX_DAILY_HOURS>
  <EARNING_CD>0001CP</EARNING_CD>
  <MIN_DAILY_HOURS>2</MIN_DAILY_HOURS>
  <COLUMN_SEQ />
  <ROWSTATE>ADD</ROWSTATE>
  <MAX_PERIOD_HOURS />
  <rid>3cf82164-0dd8-bcab-1d8b-64f03c8a8497</rid>
  <EARNING_SORT_CODE>111</EARNING_SORT_CODE>
  <EARNING_CATEGORY>0</EARNING_CATEGORY>
  <DESCRIPTION>Break Code</DESCRIPTION>
  <SEQ_NO>75380</SEQ_NO>
  <SUBUNIT_ID>01</SUBUNIT_ID>
  <rowConfig>
    <disabledConfig />
  </rowConfig>
</PAYTYPES>
<STATUS_DESC>Save failed</STATUS_DESC>
</Params>
<version>1</version>
</SetUnitMaintenance>
<pid>15528</pid>
<transNo>44</transNo>
</Reply>

```

SetUnitPayTypes

 This API is used in conjunction with the SetUnitMaintenance API.

The SetUnitPayTypes API is used to update a pay type record for the corresponding unit/sub-unit.

Request

```

<Request>
  <SetUnitPayTypes>

```

```

<Params>
  <SEQ_NO></SEQ_NO>
  <UNIT_ID></UNIT_ID>
  <SUBUNIT_ID></SUBUNIT_ID>
  <EARNING_CD></EARNING_CD>
  <DESCRIPTION></DESCRIPTION>
  <EARNING_SORT_CODE></EARNING_SORT_CODE>
  <PA_EARNING_CODE></PA_EARNING_CODE>
  <EARNING_CATEGORY></EARNING_CATEGORY>
  <MAX_DAILY_HOURS></MAX_DAILY_HOURS>
  <MIN_DAILY_HOURS></MIN_DAILY_HOURS>
  <MAX_PERIOD_HOURS></MAX_PERIOD_HOURS>
  <COLUMN_SEQ></COLUMN_SEQ>

</Params>

</SetUnitPayTypes>

</Request>

```

Reply

Success

```

<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record updated</STATUS_DESC>
</Params>

```


Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetUnitResource

 This API is used in conjunction with the SetUnitMaintenance API.

The SetUnitResource API is used to update a resource record for the corresponding unit/sub-unit.

Request

```

<Request>

```

```

<SetUnitResource>
  <Params>

    <SEQ_NO></SEQ_NO>

    <UNIT_ID></UNIT_ID>
    <SUBUNIT_ID></SUBUNIT_ID>
    <EMPLOYEE_TYPE></EMPLOYEE_TYPE>
    <PAYROLL_EMPL_NO></PAYROLL_EMPL_NO>
    <EMPLOYEE_NAME></EMPLOYEE_NAME>
    <EMPLOYEE_INITIALS></EMPLOYEE_INITIALS>
    <USER_ID></USER_ID>
    <COMMENTS></COMMENTS>
    <EFD_START_DT></EFD_START_DT>
    <EFD_EXPIRY_DT></EFD_EXPIRY_DT>

  </Params>
</SetUnitResource>
</Request>

```

Reply

Success

```

<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record updated</STATUS_DESC>
</Params>

```


Error

```

<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>

```

SetUnitSubUnit

 This API is used in conjunction with the SetUnitMaintenance API.

The SetUnitSubUnit API is used to update a specific record from the Unit Maintenance screen.

Request

```

<Request>

```

```
<SetUnitSubUnit>
  <Params>

    <SEQ_NO></SEQ_NO>
    <UNIT_ID></UNIT_ID>
    <SUBUNIT_ID></SUBUNIT_ID>
    <DESCRIPTION></DESCRIPTION>
    <COMMENTS></COMMENTS>
    <WEEK_START></WEEK_START>
    <CICO_YN></CICO_YN>
  </Params>
</SetUnitSubUnit>
</Request>
```

Reply

Success

```
<Params>
  <STATUS>0</STATUS>
  <STATUS_DESC>Record updated</STATUS_DESC>
</Params>
```

Error

```
<Params>
  <STATUS></STATUS>
  <STATUS_DESC></STATUS_DESC>
</Params>
```

Time Entry Tables

- Time Entry Tables
 - Units
 - Resources
 - Timesheet Entry
 - Schedule Entry
 - Configuration
 - Shifts
 - Pay Types
 - Time Keeper
 - Calendars
 - Miscellaneous
 - Time Entry Transaction Status Codes
 - STATUS - TE101T
 - PA-PROCESS-STATUS - TE101T
 - PA-BATCH-STATUS - TE101T
 - Payroll Batch Status Codes
 - BATCH-STATUS - PA054M
 - Multi - Level Approval Status Codes
 - SY111T-FINAL-APPROVAL - Blank is initial value
 - SY113T-STATUS - Status
 - Planned Leave Transaction Status Codes
 - TE250M - Status

Time Entry Tables

- M - Master Tables
- T - Transaction Tables

Units

TE100M - Unit Master Table

TE140M - Unit Earning Codes Table

TE200M - Unit/Employee X-REF Table

TE210M - Currently Not Used

Resources

TE300M - Resource Master Table

TE320M -Employee Defaults Table

TE340M - Employee Earning Codes Table

TE345M - Employee Earning Code Overrides Table

Timesheet Entry

TE100T - Time Entry Comments

TE101T - Time Entries Transaction Table

TE102T - Start Time End Time Transactions (Currently only used by Bucks)

TE110M - Currently Not Used

Schedule Entry

TE250M - Schedule Transaction Table (formerly known as Planned Leave)

Configuration

Shifts

TE310M - Standard Shift Definition header Table

TE311M - Standard Shift Definition child Table

TE312M - Standard Shift Definition grandchild Table

Pay Types

TE150M - Earning Code Master Table

Time Keeper

TE130M - Time Keeper Master Table

Calendars

TE400M - Schedule Master Table

TE420M - Schedule Calendar Table

Miscellaneous

TE350M - Time Bank Mask Table

TE370M - GL Code Filter Header Table

TE375M - GL Code Filter Child Table

TE410M - Email Notification Definition Table

TE500M - Function Code Master Table (Currently only used by Fairfield)

TE510M - Category Code Master Table (Currently only used by Fairfield)

TE520M - Sub Category Code Master Table (Currently only used by Fairfield)

Batch and Transaction Status Codes are set by the application throughout the Time Entry and Payroll processes as noted in the following.

Time Entry Transaction Status Codes

STATUS - TE101T

1. These values are set by the Time Entry processes:
 - a. A - Pending - Time has been entered, but is waiting for the timekeeper to "Submit to Multi Level Approval".
 - b. B - Time Entry Submitted for Approval.
 - c. C - Time Entry Approver Rejected - When an approver rejects the time entry record.
 - d. D - Time Entry Override - Note that only the Time Entry final approver approves the time entry record.
 - e. E - Time Entry Approver Approved - When an approver approves the time entry record.
 - f. F - Ready for Payroll Upload - When the final Time Entry approver approves the time entry record.
2. These status values are set by Payroll processes:
 - a. L - Uploaded to Payroll
 - b. M - Error encountered during Payroll Upload. Not uploaded to Payroll - this flag will be set to 'M' also when either the employee in TE101T is not active or doesn't exist in the PA001T (The Payroll employee Master table).
 - c. N - Payroll rejected. This happens when the Payroll entry clerk deletes the generated PA101T records. The TE101T record is not deleted but the status changed to 'N'.
 - d. O - Payroll Override - Note that the Payroll final approver can perform an override.
 - e. P - Payroll changed. When the Payroll entry Clerk changes the PA101T record, Payroll fields in the TE101T record are updated with the changes.
 - f. S - Payroll clerk submitted for Payroll Approver's Approval.
 - g. T - Payroll Approver Rejected.
 - h. U - Payroll Approver Approved.
 - i. X - Payroll Accepted - this is when the Payroll Entry Clerk accepts the TE101T as is.
 - j. V - Payroll Final Approved - approved by the Payroll final approver.

 TE101T-STATUS on Payroll side applies to PA101B/PA101P-MLA-STATUS.

PA-PROCESS-STATUS - TE101T

1. T - When TE101T is in the TE subsystem
2. P - Payroll Final approved - Batch is approved by the Payroll final approver.

PA-BATCH-STATUS - TE101T

1. A - Archived Batch - Will be used in archive function.
2. C - Currently Processed Batch - Batch that is being processed by Payroll.
3. P - Payroll Processed - Batch that is approved by the Payroll final approver.

Payroll Batch Status Codes

BATCH-STATUS - PA054M

1. L - Uploaded to Payroll

2. X – Payroll Accepted – This is when the PA Entry Clerk accepts the TE101T as is.
3. S – Payroll Clerk submitted for PA Approver's Approval
4. T – PA Approver Rejected
5. U – Payroll Approver Approved
6. O – PA Override – Note: Only the PA final approver can perform an override.

Multi - Level Approval Status Codes

SY111T-FINAL-APPROVAL - Blank is initial value

1. Blank – Edit List has been run
2. P – Pending Final Approval
3. R – Ready for Final Approval
4. Y – Final Approver approved
5. N – Not Approved

SY113T-STATUS - Status

1. (P)ending
2. (A)pproved
3. (N)ot approved
4. (O)verwrite
5. (C)urrent Approver
 - a. This is the initial setting when time is submitted.

Planned Leave Transaction Status Codes

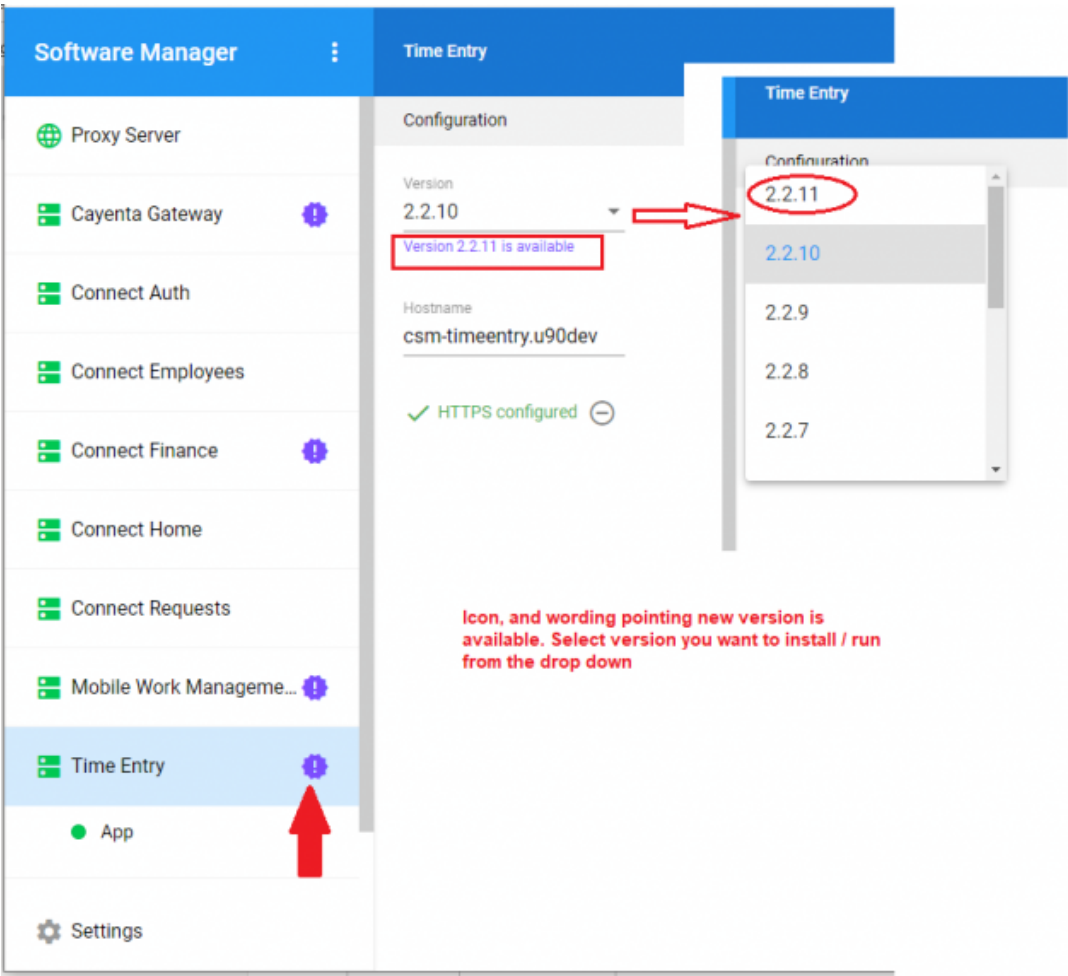
TE250M - Status

1. A – Pending
2. B – Submitted for Approval
3. C – Approver Rejected
4. E – Approver Approved
5. W – Withdrawal Pending
6. F – Withdrawal Requested
7. G – Withdrawal Approved
8. H – Withdrawal Rejected

Release Notes

Update Connect Time Entry using CSM

Connect Time Entry is installed and updated through Cayenta Software Manager.



1 Update Available

This is an updated list of recently added features in the application.

Ver sio n	Rele ase Date	Issues Fixed	Requir ed CU Patch	Requir ed CF Patch	Special Instructions	
ver sio n	date			Enhan cemen ts	notes	

3.0.0	pending	Issues Fixed Bug Fixes Enhancements	none	none	<p>THIS IS A MAJOR RELEASE please read carefully notes bellow</p> <p>From this version (3.0.0) Connect Time Entry uses Connect Auth for user authentication and to access Cayenta API.</p> <p>All Connect Time entry APIs, listed in</p> <div> <p>CTE_APIs_list.txt</p> </div> <p>file, must be added to cayenta-api-services.xml in the related Cayenta Router, UNI mode</p> <p>Connect Time Entry version 3.0.0 requires Cayenta Software Manager minimum version 2.0.0</p> <p>CTE versions before 3.0.0 are not fully compatible with CSM 3.0.0, hence use CSM version 1.x.x for CTE 2.x.x</p> <p>Connect Time Entry version 3.0.0 requires Connect Auth minimum version 2.14.0</p>	
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2.1 7.1	26.0 4.20 24	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • paytype-maintenance: equipment required flag (CTE-545) 	CTE-480 CTE-546 CTE-547		Required CSM version 2.0.0 +	
2.1 7.0	27.0 3.20 24	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • paytype-maintenance: exclude pay type from shift validation (CTE-419) 	CTE-447 CTE-451		Required CSM version 2.0.0 +	
2.1 6.0	05.0 2.20 24	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • none - functionally this version is the same as 2.15.6. Main difference is compatibility with CSM 2.0.0+ 			Required CSM version 2.0.0 +	

2.1 5.6	24.0 1.20 24	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • shift-maintenance: passed empty string in daily-max and daily-min • time-entry: added new pay type category FMLA (CTE-402) • time-entry: removed MinValue 1 from MIN_INC_STEP (CTE-326) • timesheet-approval: Info icon is rounded and aligned in center 	none	none	Cayenta Software Manager version 1.x.x Requires workaround for CSM2.0.0 <ul style="list-style-type: none"> • gateway network name for CSM version 1.x.x: timeentrygateway_gateway • gateway network name for CSM version 2.x.x: timeentry-gateway_gateway 	
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2.1 5.5	16.1 1.20 23	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • app-header: added 1 more menu item type in menu filter (CTE-388) • shift-maintenance-form: changed values from null to an empty string of max and min daily hours for custom shift (CTE-378) • resources-override-default: resolved pay type lookup issue (CTE-395) • time-entry: correct hours factor calculation (CTE-393) 	none	none	none	
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2.1 5.4	30/10/2023	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • Time balance in independent bank calculation(CTE-379) • ALT bank when the hours exceed the bank balance. (CTE-380) • Leave banks order (main, alternate 1, alternate 2, etc)(CTE-376) 				
2.1 5.3	23/10/2023	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • Time Bank Balances (CTE-330) • Job Lookup Pagination(CTE-365) 	CTE-334			
2.1 5.2	06/10/2023	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • Time Bank Balance validation for already approved timesheets (CTE-323) • Removed line returns when there is an error on the second line in the timesheet (CTE-335) 				

2.1 5.1	10/0 9/20 23	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • Unable to Edit Timesheet with Error - Locks up TE (CTE-333) 				
2.1 5.0	07/0 9/20 23	Issues Fixed Bug Fixes and Enhancements <ul style="list-style-type: none"> • Add MLA info in the approval screen (CTE-245) • default planned leave view order (CTE-322) • Time Bank Balance validation for already approved timesheets (CTE-323) 	CTE-310			
2.1 4.2	25/0 8/20 23	Issues Fixed Bug Fixes <ul style="list-style-type: none"> • alternate bank debit-credit check (CTE-297) Enhancements	CTE-319			
2.1 4.2	25/0 8/20 23	Issues Fixed Bug Fixes <ul style="list-style-type: none"> • alternate bank debit-credit check (CTE-297) Enhancements	CTE-319			

2.1 4.1	31/0 7/20 23	Issues Fixed Bug Fixes <ul style="list-style-type: none"> time-entry-grid-container: status state changed automatically from unsubmit to submit when user enter hours from MWM (CTE-294) time-entry: timebank exceeded popup twice (CTE-317) Enhancements <ul style="list-style-type: none"> lookups-by-description: searched Lookup data by description (CTE-287) time-entry: disable cell based on fmla flag and preference (CTE-232) 	CU-38 517 CU-39 016 CTE-29 6	CTE-2 87	notes	
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2.1 4.0	05/07/2023	Bug Fixes and Features <ul style="list-style-type: none"> • Saving 0 in daily minimum and maximum (CTE-270) • Highlighting comments (CTE-272) • Display Description on Assignment Codes & Occupation Codes (CTE-273) • Shift Maintenance - cannot select day (CTE-286) 	none			
2.1 3.0	31/05/2023	Bug Fixes and Features <ul style="list-style-type: none"> • Bug when do Add and Remove PayType for Employee (CTE-229) • Update Connect Time entry to include new daily min and max fields (CTE-260) 	CF-139 56 CU-39 124 CU-39 125 CU-39 126 CU-39 127			

2.1 2.0	12/0 5/20 23	Bug Fixes and Features <ul style="list-style-type: none"> • Allow or prevent entry of time on days when FMLA is scheduled (CTE-211) • Alpha-numeric Resource Number (CTE-213) • CTE paytype not using hours factor from earnings code setup (CTE-237) • ADD LEAVE ENTRY option and BANKS not available (CTE-246) 	CU-39 270 CU-38 961 CU-39 177 CU-38 516		<p>NOTE: some of patches labeled as required are not available as of May 12th, but you can still apply update 2.12.0.</p> <p>Functionalities provided in related JIRAs will be fully supported when required patches are installed</p>	
2.1 1.0	20/0 4/20 23	Bug Fixes and Features <ul style="list-style-type: none"> • CTE paytype not using hours factor from earnings code setup (CTE-237) • Planned Leave Withdraw Enhancement (CTE-243) 	CU-38 961			

2.1 0.1	04/0 4/20 23	Bug Fixes and Features <ul style="list-style-type: none"> • leave-entry: user should not be able to enter 0 for daily hours (CTE-234) • unit-maintenance: cannot scroll for CALENDAR in Unit Maintenance (CTE-238) 			related CU patch CU-38706 SetLeaveEntryMaintenance - validate entered daily hours	
2.1 0.0	09/0 3/20 23	Bug Fixes and Features shift: Total Daily Maximum and Minimum and Total shift max and min validation CTE-55, CTE-221, CTE-183,	CU-37 640 CU-38 135 CU-38 136 CTE-22 2		Maximum and minimum daily hours can be now configured on the shift level. Validation will also calculate maximum shift total (as max daily hours * number of working days in the shift) and minimum shift total (as min daily hours * number of working days in the shift) and will prompt user with validation errors if any.	
2.9. 1	05/0 1/20 23	Bug Fixes and Features schedule: Cayenta footer in CTE overlaps unit list (CTE-217)CTE-217				
Con nec t Tim e Ent ry 2.9. 0	04/1 1/20 22	Bug Fixes and Features time-entry: add min_inc_step field in pay-type (CTE-188)CTE-188 time-entry: add other time status icon (CTE-167)CTE-167	CTE-18 8 CU-37 135 CU-37 377 CU-37 136			

2.8.2	29/09/2022	Bug Fixes and Features time-entry: Sometimes hangs and spins when clicking on date picker/arrows (CTE-195)CTE-195				
2.8.1	29/09/2022	Bug Fixes time-entry: update schedule time bank column name (CTE-172)CTE-172				
2.8.0	12/09/2022	Features <ul style="list-style-type: none"> feat(shift): remove default final approver (CTE-145)CTE-145 sum other time to total hours (CTE-166)CTE-166 Bug Fixes <ul style="list-style-type: none"> fix(time entry): increase pagination size (CTE-196)CTE-196 fix(schedule): rejected leave in schedule (CTE-193)CTE-193 	CU-36751			

2.7.0	04/07/2022	Features <ul style="list-style-type: none"> • feat(shift): allow decimal code value in shift (CTE-141)CTE-141 • feat(time sheet): Time sheet Adjustments (CTE-145)CTE-145 • nginx proxy: increase proxy timeout to 5 minutes 	CTE-156 CTE-165		<ul style="list-style-type: none"> • set preference code to allow adjustments • configure new MLA template TE100A for adjustment approval 	
2.6.0	09/03/2022	Bug Fixes <ul style="list-style-type: none"> • fix(time-entry): display correct decision icon on approve CTE-140 • feat(time-entry): hide submit leave request option for day off CTE-138 • feat(resource): Resource Number field should display description of lookup values CTE-135 				

2.5.2	14/01/2022	Bug Fixes <ul style="list-style-type: none"> time-entry: added check unit resource select CTE-126 unit-maintenance: enable edit on add after select CTE-84 			Replaces v2.5.1	
2.5.4	21/12/2021	Bug Fixes <ul style="list-style-type: none"> time-entry: added check unit resource select CTE-126 unit-maintenance: enable edit on add after select CTE-84 			withdrawn due to bug in docker image	
2.5.0	19/11/2021	<ul style="list-style-type: none"> CTE-127 - Cumulative release for CTE-98 CTE-127 	CTE-127	none	none	
2.4.1	20/10/2021	<ul style="list-style-type: none"> CTE-85 - CTE TE101T trx and TE300M rec need updates for the TE/WO Upload Process 	CTE-85	none	none	

2.4.0	01/10/2021	<ul style="list-style-type: none"> • CTE-50 - Change Job number for Resources in TE/CREW TE approva • CTE-73 - LABOR Resource Type required for Resource Maintenance • CTE-2 - Posting Codes description doesn't show when we hover over the job 	cu	none	requires gateway v2.2.0 or higher	
Connect Time Entry 2.3.0	30/07/2021	<ul style="list-style-type: none"> • CTE-49 - Max Event Hours for a Paytype does not trigger error when exceeded • CTE-18 - CTE - calendar maintenance navigation is not clear • CTE-52 - Paytype Maintenance Logic - Changes Cascade down 	cu	cf	notes	
2.2.11	14.04.2021	<ul style="list-style-type: none"> • CTE-8 - Employee Default EC Lookup Does not Work 		none	none	

2.2.10	29.01.2021	<ul style="list-style-type: none"> • CCW-563 - CTE - Schedule (planned leave) does not display requests approved in other units • CCW-721 - Navigation Pane doesn't show occupation code description • CCW-741 - TE340M not updated with ABBREVIATION for a paytype • CCW-743 - CTE - planned leave - paytype lookup not filtered by unit/subunit • CCW-775 - User can save/submit/retrieve Planned leave request when he is not a member 	CCW-824 (replaced CCW-776)	none	none	
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2.1.7		<ul style="list-style-type: none"> CCW-408 - Changes Made to Earn Code on Timesheet are not Updating PA_EARNING_CD Column causing incorrect upload to payrollp 	CCW-408		none	
2.1.6	06.03.2020	<ul style="list-style-type: none"> CCW-373 - CTE - job code is not displaying '0' in posting code lookup CCW-275 - CTE - CTE - Posting Code on Timesheet - Order of the Tabs for the lookup 	CCW-373 CCW-275	none	none	
2.1.4	21.11.2019	<ul style="list-style-type: none"> CCW-280 - Error with setting Timesheet Defaults for an Employee. CCW-278 - Approver cannot open timesheet detail for employee from link in timesheet CCW-295 - Approver's view, there are no totals populating for employees 	CCW-283 CCW-313 CCW-319	none	none	

2.1.3	17.10.2019	<ul style="list-style-type: none"> • CCW-280 - Error with setting Timesheet Defaults for an Employee. • CCW-272 - Hanging API Sessions from CTE Approval Process • CCW-278 - Approver cannot open timesheet detail for employee from link in timesheet 	CCW-283 CCW-313	none	none	
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2.1.2	27.0 9.20 19	<ul style="list-style-type: none"> • CCW-142 - Send MLA Email Notification. • CCW-256 - Logging in brings user to last page they logged out of. • CCW-264 - Equipment Resources for Timesheets. • CCW-268 - Fixed Planned Leave Multi Level Approval. • CCW-269 - Send Planned Leave Rejection Email Notification. • CCW-271 - CTE Build 2.1.1 displays wrong view for Time Entry. 	CCW-2 74	CCW-2 74	none	
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2.1.1	09.08.2019	<ul style="list-style-type: none"> • CCW-230 - Timesheet Report for employees and supervisors using Connect. • CCW-263 - Resource Holiday Hours Increase Each Time Added to Additional Crew in Crew Entry. • CCW-256 - Logging in brings user to last page they logged out of. 	none	none	none	
2.1.0	25.07.2019	<ul style="list-style-type: none"> • CCW-260 - TE101T charge code field max length is 18. • CCW-263 - Resource Holiday Hours Increase Each Time Added to Additional Crew in Crew Entry. • CCW-266 - Validation should follow Fiscal Year of Customer and validate respectively. 	CCW-260	none	none	