**Work and Asset Management, V2.1.1**

**5.8.1.2 WAM v2.1 Manage Work Orders**

Creation Date: December 05, 2015

Last Updated:

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## Brief Description

**Business Process: 5.7.1.1 WAM v2.1 Manage Work Orders**

**Process Type: Process**

**Parent Process: 5.8.1 WAM.v2.1.Manage Work and Work Orders**

**Sibling Processes:**

This process gets initiated when WAM Authorized User ( Planner) creates Work Order and associate specific activities to be performed. Once a Work Order is created activities are added to the work based on the work to be performed. For every activity depending on the necessity, respective equipment, labor, materials, and miscellaneous resources are added or associated. Process depicts entire lifecycle of Work Order and Associated Activities, including Work Order approval, scheduling required work, performing work processing work completion and associated tasks and closing Work Order after all the activities are successfully performed

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## Detail Business Process Model Description

[**1.0**](#_Business_Process_Model_2) **Evaluate Request and Determine Priority**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews the information and evaluates request and determines priority for Work Order creation.

[**1.1**](#_Business_Process_Model_2) **Populate Data and Request Create Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates data and makes a request to [create Work Order](#_Work_Order).

|  |
| --- |
| Description |
| Requester |
| Work Type |
| Emergency Flag |
| Work Priority |

**Configuration Required (Y/N) Entities to Configure**

[**1.2**](#_Business_Process_Model_2) **Set Emergency Flag**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates the Emergency flag while populating the data to create Work Order

|  |
| --- |
| Emergency Flag |

**Configuration Required (Y/N) Entities to Configure**

[**1.3**](#_Business_Process_Model_2) **Validate Data and Create Work Order in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM validates data entered to create Work Order and creates Work Order in ‘Planning’ state.

|  |
| --- |
| W1-WOINFO (Work Order Information) |
| WD-WOINFO (Override Work Order Information) |
| W1-GISWOAUD (GIS Work Order - Audit) |
| W1-WODELALW (Work Order Delete Allowed) |
| W1-WRWOVAL (Validate Work Request) |
| W1-VAL-WO (Validate Work Order) |
| W1-WONUMASMT (Work Order Number Assignment) |
| W1-DFWRREQDT (Default Required By Date from Work Request) |
| W1-DEFCOSCEN (Default Cost Centers) |
| W1-AUTOTRNWR (Auto Transition Work Request) |
| W1-MVPAACTPN (Move Pending Approval Activities Back to Planning) |
| W1-CNWOAPREQ ( Cancel Work Order Approval Request) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**1.4**](#_Business_Process_Model_2) **Search for Existing Work Order Template**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User searches for existing Work Order template to use it

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**1.5**](#_Business_Process_Model_2) **Determine Activity Type**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User determines activity type to add activity to Work Order.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

|  |
| --- |
| Activity Types |

**Configuration Required (Y/N) Entities to Configure**

**Group: Add and Update Activity**

[**1.6**](#_Business_Process_Model_2) **Select Asset(s) or Location(s), Cost Center**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User while populating data to add Activity selects location, asset, work order, service class, cost center, description, work priority, service history type, etc.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

|  |
| --- |
| Locations |
| Service Class |
| Work Priority |
| Schedule details |
| Cost Centers |
| Service History Type |

**Configuration Required (Y/N) Entities to Configure**

**Group: Add and Update Activity**

[**1.7**](#_Business_Process_Model_2) **Populate Project Details**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates Project details while populating details to add Activity.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

|  |
| --- |
| Project |

**Configuration Required (Y/N) Entities to Configure**

**Group: Add and Update Activity**

[**1.8**](#_Business_Process_Model_2) **Populate Predecessor Activity Details**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates Activity dependency details while populating data to add Activity.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**1.9**](#_Business_Process_Model_2) **Populate Required Data and Request Create Activity**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates other required data and makes a request to [create activity](#_Activity).

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.0**](#_Business_Process_Model_2) **Set Emergency Flag**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User sets emergency flag while populating data to add Activity.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

|  |
| --- |
| Emergency Flags |

**Configuration Required (Y/N) Entities to Configure**

**Group: Add and Update Activity**

[**2.1**](#_Business_Process_Model_2) **Determine Cost Center and Validate Data**

A**ctor/Role:**  WAM

**Description:** WAM determines cost center and other information populated while making a request to add activity and validates this information.

|  |
| --- |
| W1-ACTASTCST (Activity Asset Cost Distribution - Audit Primary Asset and Location) |
| W1-GISACTAUD (GIS Activity - Audit) |
| W1-ACTINFWAM (Activity Information) |
| WD-ACTINFWAM (Override Activity Information) |
| W1-DEL-ALLWD (Delete Allowed) |
| W1-VAL-ACT (Validate Activity) |
| W1-VALACTLOC (Validate Activity's Location for an Installed Asset) |
| W1-VLACTACFG (Validate Activity Admin Configuration) |
| W1-VALCOSTRL (Validate Cost Rules) |
| W1-VLDPACTWO (Validate Dependency and Adding Activity to Work Order) |
| W1-VALPRJINF (Validate Project Information) |
| W1-WRACTVAL (Work Request Activity Validation) |
| W1-VALACTNUM (Validate Activity Number) |
| W1-DFACTOWAG (Default Activity Owning Access Group) |
| W1-DFWRINFO (Default Work Request Information) |
| W1-DF-ACT-TY (Set Schedule Defaults from Activity Type) |
| W1-DFNDAST (Default Location from Asset) |
| W1-DFASLOC (Default Asset from Location) |
| W1-DFACALACD (Default Activity's Asset and Location Into Asset Cost Distribution) |
| W1-DEFWO (Defaults from Work Order) |
| W1-DEFCC (Default in Cost Centers) |
| W1-DFSCACTTY (Set Default Service Class from Activity Type) |
| W1-SETORWKDT (Set Original Work Date) |
| W1-SETACTNUM (Set Activity Number) |
| W1-DFBGLOC (Default Backlog Group from Location) |
| W1-DFPSVCHTY (Default Planned Service History Type) |
| W1-DFACTLBRQ (Default Activity Labor Requirement) |
| W1-AT-ACTWR (Auto Transition Activity Work Request) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.2**](#_Business_Process_Model_2) **Create Activity in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM creates Activity in ‘Planning’ state.

|  |
| --- |
| W1-W1-MVACTWOPL (Move Activity's Work Order to Planning State) |
| W1-MVPAARRP (Move Act. Resource Reqs. to Planning) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.3**](#_Business_Process_Model_2) **Transition WO to “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM transitions the Work Order Bo to ‘Planning’ state.

|  |
| --- |
| W1-W1-MVACTWOPL (Move Activity's Work Order to Planning State) |
| W1-MVPAARRP (Move Act. Resource Reqs. to Planning) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.4**](#_Business_Process_Model_2) **Retrieve Document(s) and Request to Attach and/or populate Note(s)**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User retrieves documents to be attached to the Activity and populates necessary notes.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.5**](#_Business_Process_Model_2) **Attach Document**

A**ctor/Role:**  WAM

**Description:** WAM attaches document to the activity.

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityDocuments |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.6**](#_Business_Process_Model_2) **Review Activity**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews activity created.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.7**](#_Business_Process_Model_2) **Modify Activity Data**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User can modify or update data of an Activity.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Add and Update Activity**

[**2.8**](#_Business_Process_Model_2) **Update Activity in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM updates activity with data updated by the WAM Authorized User.

|  |
| --- |
| WD-ACTINFWAM (Override Activity Information) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**2.9**](#_Business_Process_Model_2) **Select Create Work Order Activity(ies) Using Template**

**Group: Plan Resources**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User selects [Work Order Template](#_Template_Work_Order) to create Work Order Activity(ies).

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**3.0**](#_Business_Process_Model_1) **Populate Resource(s) Requirement Data**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates data required to [add resource](#_Equipment_Requirement).

**Group: Plan Resources**

[**3.1**](#_Business_Process_Model_1) **Validate Data, Calculate Estimated Cost and Create Equipment Record in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM validates data entered, calculates estimate cost and creates equipment record in ‘Planning’ state.

|  |
| --- |
| W1-ACTEQINFO (Activity Equipment Requirement Information) |
| WD-ACTEQINFO (Override Activity Equipment Requirement Information) |
| W1-DFFRMEQP (Defaults from Equipment) |
| W1-CLEQTOEST (Calculate Equipment Total Estimate) |
| W1-VALACEQRQ (Validate Activity Equipment Requirement) |
| W1-VLEQIAEQR (Validate Equipment Info on Activity Equipment Requirement) |
| W1-ARRDELALW (Activity Resource Req Delete Allowed) |
| W1-POPORGEST (Populate Original Estimate) |
| W1-MRRNDSAAP (Move ARR to Next Default State if Activity is Approved/Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityEquipRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.2**](#_Business_Process_Model_1) **Validate Data, Calculate Estimated Cost, Create Labor Record in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM validates data entered, calculates estimate cost and creates labour record in ‘Planning’ state.

|  |
| --- |
| W1-ACTLBINFO (Activity Labor Requirement Information) |
| WD-ACTLBINFO (Override Activity Labor Requirement Information) |
| W1-DFFRMCRFT (Defaults from Craft) |
| W1-CLLBTOEST (Calculate Labor Total Estimate) |
| W1-VALACLBRQ (Validate Activity Labor Requirement) |
| W1-VLLBIALBR (Validate Labor Info on Activity Labor Requirement) |
| W1-ARRDELALW (Activity Resource Req Delete Allowed) |
| W1-POPORGEST (Populate Original Estimate) |
| W1-MRRNDSAAP (Move ARR to Next Default State if Activity is Approved/Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityLaborRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.3**](#_Business_Process_Model_1) **Validate Data, Calculate Estimated Cost, Create Materials Record in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM validates data entered, calculates estimate cost and creates materials record in ‘Planning’ state.

|  |
| --- |
| W1-ACTMRINFO (Activity Material Requirement Information) |
| WD-ACTMRINFO (Override Activity Material Requirement Information) |
| W1-DFLTFMACT (Defaults from Activity) |
| W1-DFLTFRSID (Defaults from Stock Item Detail) |
| W1-VALACMTRQ (Validate Activity Material Requirement) |
| W1-VLMTIAMRQ (Validate Material Info on Activity Material Requirement) |
| W1-ARRDELALW (Activity Resource Req Delete Allowed) |
| W1-CLMTTOEST (Calculate Material Total Estimate) |
| W1-CRSTTRFII (Create Stock Transactions for Inventory Item) |
| W1-POPORGEST (Populate Original Estimate) |
| W1-MRRNDSAAP (Move ARR to Next Default State if Activity is Approved/Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.4**](#_Business_Process_Model_1) **Validate Data , Calculate Estimated Cost, Create Misc Other Record in “Planning” Status**

A**ctor/Role:**  WAM

**Description:** WAM validates data entered, calculates estimate cost and creates Misc requirements record in ‘Planning’ state.

|  |
| --- |
| W1-ACTOTINFO (Activity Other Requirement Information) |
| WD-ACTOTINFO (Override Activity Other Requirement Information) |
| W1-DFFRMOTHR (Defaults from Other) |
| W1-CLOTTOEST (Calculate Other Total Estimate) |
| W1-VALACOTRQ (Validate Activity Other Requirement) |
| W1-VLOTIAOTR (Validate Other Info on Activity Other Requirement) |
| W1-ARRDELALW (Activity Resource Req Delete Allowed) |
| W1-POPORGEST (Populate Original Estimate) |
| W1-MRRNDSAAP (Move ARR to Next Default State if Activity is Approved/Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.5**](#_Business_Process_Model_1) **Review Resource(s)**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews resources created.

**Group: Plan Resources**

[**3.6**](#_Business_Process_Model_1) **Modify Resource(s) Requirement Data**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized user modifies resource requirement data if required.

|  |
| --- |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.7**](#_Business_Process_Model_1) **Update Equipment Record**

A**ctor/Role:**  WAM

**Description:** WAM updates Equipment record.

|  |
| --- |
| WD-ACTEQINFO ( Override Activity Equipment Requirement Information) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityEquipRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.8**](#_Business_Process_Model_1) **Update Labor Record**

A**ctor/Role:**  WAM

**Description:** WAM updates Labor record.

|  |
| --- |
| WD-ACTLBINFO (Override Activity Labor Requirement Information) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityLaborRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**3.9**](#_Business_Process_Model_1) **Update Materials Record**

A**ctor/Role:**  WAM

**Description:** WAM updates materials record.

|  |
| --- |
| WD-ACTMRINFO (Override Activity Material Requirement Information) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**4.0**](#_Business_Process_Model_1) **Update Misc Other Record**

A**ctor/Role:**  WAM

**Description:** WAM updates Misc Other record.

|  |
| --- |
| WD-ACTOTINFO (Override Activity Other Requirement Information) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**4.1**](#_Business_Process_Model_1) **Cancel Purchase Requisition 5.8.X.X WAMv2.1Manage Purchases and Requisitions**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User can make a request to cancel purchase requisition. Please refer to related process for further details.

**Group: Plan Resources**

[**4.2**](#_Business_Process_Model_1) **Request Cancel Resource(s) Requirement**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to cancel resource requirement.

**Group: Plan Resources**

[**4.3**](#_Business_Process_Model_1) **Update Estimated Cost and Transition Equipment Requirement to “Canceled” Status**

A**ctor/Role:**  WAM

**Description:** WAM updates estimate cost and cancels Equipment requirement record.

|  |
| --- |
| W1-CCACEQOTR (Check Cancelling of Activity Equipment/Other Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityEquipRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**4.4**](#_Business_Process_Model_1) **Update Estimated Cost and Transition Labor Requirement to “Canceled” Status**

A**ctor/Role:**  WAM

**Description:** WAM updates estimate cost and cancels Labor requirement record.

|  |
| --- |
| W1-CCACTLBRQ (Check Cancelling of Activity Labor Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityLaborRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**4.5**](#_Business_Process_Model_1) **Update Estimated Cost and Transition Material Requirement to “Canceled” Status**

A**ctor/Role:**  WAM

**Description:** WAM updates estimate cost and cancels Material requirement record.

|  |
| --- |
| W1-CCACTMTRQ (Check Cancelling of Activity Material Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**4.6**](#_Business_Process_Model_1) **Update Estimated Cost and Transition Other Misc Requirement to “Canceled” Status**

A**ctor/Role:**  WAM

**Description:** WAM updates estimate cost and cancels Other Misc requirement record.

|  |
| --- |
| W1-CCACEQOTR (Check Cancelling of Activity Equipment/Other Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

**Group: Plan Resources**

[**4.7**](#_Business_Process_Model_1) **Mark Inventory Stock Transaction as Irrelevant**

A**ctor/Role:**  WAM

**Description:** WAM marks inventory stock transaction as irrelevant.

|  |
| --- |
| W1-MRLSTTRIL (Marking Relevant Stock Transaction as Irrelevant) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**4.8**](#_Business_Process_Model_1) **Review Activity, Planned Resource Cost**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews Activity, and planned resource cost.

[**4.9**](#_Business_Process_Model_5) **Review Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews Work Order information.

[**5.0**](#_Business_Process_Model_5) **Submit Work Order for Approval**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorised User submits Work Order for approval.

[**5.1**](#_Business_Process_Model_5) **Create WO Approval Request and Transition WO to Status Pending Approval**

A**ctor/Role:**  WAM

**Description:** WAM creates Work Order approval request and transitions Work Order status to Pending Approval.

|  |
| --- |
| W1-CHKWOACTS (Work Order Must Have At Least One Activity) |
| W1-CREWOAPRQ (Create Work Order Approval Request) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**5.2**](#_Business_Process_Model_5) **Lock Original Estimates for All Activities**

A**ctor/Role:**  WAM

**Description:** WAM locks original estimate of resources for all activities.

|  |
| --- |
| W1-CHKWOACTS (Work Order Must Have At Least One Activity) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**5.3**](#_Business_Process_Model_5) **Transition Activity(ies) to Status “Pending Approval”**

A**ctor/Role:**  WAM

**Description:** WAM transitions activities to ‘Pending Approval’ status.

|  |
| --- |
| W1-PNACTTOPA (Move Planning Activities to Pending Approval) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**5.4**](#_Business_Process_Model_5) **Transition Activity Resources to Status “Pending Approval”**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity resources to ‘Pending Approval’ status.

|  |
| --- |
| W1-MVPLARRPA (Move Act. Resource Reqs. to Pending Approval) |
| W1-MRRNDSAAP (Move ARR to Next Default State if Activity is Approved/Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**5.5**](#_Business_Process_Model_5) **Review Pending Approval Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews ‘Pending Approval’ state work order.

**Group: Cancel Work Order**

[**5.6**](#_Business_Process_Model_5) **Request Cancel Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorised User can make a request to cancel work order.

**Group: Cancel Work Order**

[**5.7**](#_Business_Process_Model_5) **Transition All Activity Resource(s) to Canceled Status**

A**ctor/Role:**  WAM

**Description:** WAM transitions all activity resources to canceled state.

|  |
| --- |
| W1-CHKCANWO (Check Cancelling of Work Order) |
| W1-CNWOAPREQ (Cancel Work Order Approval Request) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

**Group: Cancel Work Order**

[**5.8**](#_Business_Process_Model_5) **Transition All Activities to Canceled Status**

A**ctor/Role:**  WAM

**Description:** WAM transitions all activities to canceled state.

|  |
| --- |
| W1-CNACTRSRQ (Cancel Activity Based on Resource Requirements) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Cancel Work Order**

[**5.9**](#_Business_Process_Model_5) **Discard Completion Event(s)**

A**ctor/Role:**  WAM

**Description:** WAM discards existing Completion Events

|  |
| --- |
| W1-DISCMPEVT (Discard Completion Events) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Cancel Work Order**

[**6.0**](#_Business_Process_Model_5) **Transition Work Order to Canceled Status**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to Canceled State

|  |
| --- |
| W1-CHKCANWO (Check Cancelling of Work Order) |
| W1-CNWOAPREQ (Cancel Work Order Approval Request) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

**Group: Withdraw Work Order Approval Request**

[**6.1**](#_Business_Process_Model_5) **Request Cancel Work Order Approval**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to withdraw or cancel Work Order approval request.

**Group: Withdraw Work Order Approval Request**

[**6.2**](#_Business_Process_Model_5) **Cancel Work Order Approval Request**

A**ctor/Role:**  WAM

**Description:** WAM cancels Work Order approval request.

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

**Group: Withdraw Work Order Approval Request**

**Group: Return to Planning**

[**6.3**](#_Business_Process_Model_5) **Transition Work Order to Status “Planning”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to ‘Planning’ status.

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

**Group: Withdraw Work Order Approval Request**

**Group: Return to Planning**

[**6.4**](#_Business_Process_Model_5) **Transition Activity(ies) to Status ”Planning”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Activities to ‘Planning’ state.

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

**Group: Withdraw Work Order Approval Request**

**Group: Return to Planning**

[**6.5**](#_Business_Process_Model_5) **Transition Activity Resources to Status “Planning”**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity resources to ‘Planning’ state.

|  |
| --- |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**6.6**](#_Business_Process_Model_5) **Process Approval Request 5.8.1.3 WAM.v2.1.Manage Approvals**

A**ctor/Role:**  WAM

**Description:** WAM processes approval request. Please refer to process 5.8.1.3 WAM.v2.1.Manage Approvals for further details.

[**6.9**](#_Business_Process_Model_5) **Transition WO to “Rejected” Status and Update Log**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to ‘Rejected’ state and updates log.

|  |
| --- |
| W1-MONWOAPRQ (Monitor Work Order Approval Request) |
| W1-RSTAPVPRO (Reset Approval Profile) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**7.0**](#_Business_Process_Model_5) **Transition Activity(ies) to Status “Rejected”**

A**ctor/Role:**  WAM

**Description:** WAM transitions activities to ‘Rejected’ status.

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**7.1**](#_Business_Process_Model_5) **Transition Activity Resources to Status “Rejected”**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity resources to ‘Rejected’ status.

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**7.2**](#_Business_Process_Model_5) **Review Rejected Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorised User reviews ‘Rejected’ work order.

[**7.3**](#_Business_Process_Model_5) **Request Transition to Planning Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorised User makes a request to transition Work Order to ‘Planning’ state.

[**7.4**](#_Business_Process_Model_5) **Transition Work Order to Status “Approved”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to ‘Approved’ status.

|  |
| --- |
| W1-MONWOAPRQ (Monitor Work Order Approval Request) |
| W1-RSTAPVPRO (Reset Approval Profile) |
| W1-MVPAARRAP (Move Act. Resource Reqs. to Approved) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**7.5**](#_Business_Process_Model_5) **Transition Activity(ies) to Status “Approved”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Activities to ‘Approved’ status.

|  |
| --- |
| W1-MVPAACTAP (Move Pending Approval Activities to Approved) |
| W1-ACT-WAIT (Activity Wait) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**7.6**](#_Business_Process_Model_5) **Transition Activity Resources to Status “Approved”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Activity Resources to ‘Approved’ status.

|  |
| --- |
| W1-MVPAARRAP (Move Act. Resource Reqs. to Approved) |
| W1-MRRNDSAAT ( Move Resource Requirement to Next Default State if Activity is Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**7.7**](#_Business_Process_Model_5) **Create Inventory Stock Transaction for Pending Demand**

A**ctor/Role:**  WAM

**Description:** WAM creates inventory stock transaction for pending demand.

|  |
| --- |
| W1-CRPDSTSDP (Create ST and Specific Direct Purchase) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**7.8**](#_Business_Process_Model_6) **Check for Emergency**

A**ctor/Role:**  WAM

**Description:** WAM determines if the Work Order is an ‘Emergency’ flagged work order.

|  |
| --- |
| W1-ACTVEMWO (Activate Emergency Work Order) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**7.9**](#_Business_Process_Model_6) **Review Approved Work Order**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews ‘Approved’ Work Order.

[**8.0**](#_Business_Process_Model_6) **Select Work Order and Request to Activate**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User selects Work Order and makes a request to Activate.

[**8.1**](#_Business_Process_Model_6) **Transition Work Order to Status “Active”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to status ‘Active’.

|  |
| --- |
| W1-WOCRDPRQ (Create Direct Purchase Requisitions) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**8.2**](#_Business_Process_Model_6) **Identify Activities Require Activation**

A**ctor/Role:**  WAM

**Description:** WAM identifies activities requiring activation.

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**8.3**](#_Business_Process_Model_6) **Transition Activity(ies) to Status “Active”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Activities to ‘Active’ status.

|  |
| --- |
| W1-MVAPVTOAC (Move Approved Activities to Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**8.4**](#_Business_Process_Model_6) **Identify Approved Work Order Activity Resource Requirement(s)**

A**ctor/Role:**  WAM

**Description:** WAM identifies approved Work Order Activity Resource requirements.

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**8.5**](#_Business_Process_Model_6) **Select Activity and Request to Activate**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User selects Activity and makes a request to Activate.

[**8.6**](#_Business_Process_Model_6) **Transition Activity(ies) to Status “Active”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Activities to ‘Active’ status.

|  |
| --- |
| W1-MVAPVTOAC (Move Approved Activities to Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**8.7**](#_Business_Process_Model_6) **Identify Approved Activity Resource Requirement(s)**

A**ctor/Role:**  WAM

**Description:** WAM identifies approved Activity Resource requirements.

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**8.8**](#_Business_Process_Model_6) **Select Resource Request and Request to Activate**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User selects resource request and makes a request to ‘Activate’.

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**8.9**](#_Business_Process_Model_8) **Transition Activity Resources Requirement(s) to Status “Active”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Activity resource requirements to status ‘Active’.

|  |
| --- |
| W1-MVAPACRRA (Move Approved Activity Resource Requirements to Active) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**9.0**](#_Business_Process_Model_8) **Create Purchase Requisition Grouped By Vendor Location**

A**ctor/Role:**  WAM

**Description:** WAM creates purchase requisition grouped by vendor location for the resources.

|  |
| --- |
| W1-ACTCRDPRQ (Create Direct Purchase Requisitions) |
| W1-CRDPRRQNM (Create Direct Purchase Requisition for Non-Materials) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityEquipRequirement |
| W1-ActivityLaborRequirement |
| W1-ActivityMaterialRequirement |
| W1-ActivityOtherRequirement |

**Business Object (Y/N) Business Object**

[**9.1**](#_Business_Process_Model_8) **Create Inventory Stock Transaction to Create Demand**

A**ctor/Role:**  WAM

**Description:** WAM creates Inventory Stock transaction to create demand for the material required.

|  |
| --- |
| W1-CRODSTDPR (Create On Demand ST for Inventory, Create Direct PR) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.2**](#_Business_Process_Model_8) **Create Inventory Stock Transaction to Relive Pending Demand**

A**ctor/Role:**  WAM

**Description:** WAM creates Inventory Stock transaction to relive pending demand.

|  |
| --- |
| W1-CRODSTDPR (Create On Demand ST for Inventory, Create Direct PR) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.3**](#_Business_Process_Model_8) **Check Availability Requested to Reserve Materials**

A**ctor/Role:**  WAM

**Description:** WAM checks availability of requested material to reserve.

|  |
| --- |
| W1-CHKAVMTSR (Check Availability of Material in Storeroom) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.4**](#_Business_Process_Model_8) **Generate and Send E-mail to Planner**

A**ctor/Role:**  WAM

**Description:** WAM sends email to planner if enough quantity is not available in the storeroom.

|  |
| --- |
| W1-CHKAVMTSR (Check Availability of Material in Storeroom) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.5**](#_Business_Process_Model_8) **Receive E-Mail and Work on Resolution**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User receives E-mail and work on resolution.

[**9.6**](#_Business_Process_Model_8) **Transition Activity Material Requirements to Status “Reserved”**

A**ctor/Role:**  WAM

**Description:** WAM transitions material requirements activity to ‘Reserved’ status.

|  |
| --- |
| W1-CHKAVMTSR (Check Availability of Material in Storeroom) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.7**](#_Business_Process_Model_8) **Evaluate Stock Item Quantity**

A**ctor/Role:**  WAM

**Description:** WAM evaluates stock item available quantity against the required quantity.

|  |
| --- |
| W1-SETHLDPRT (Set Held For Parts) |
| W1-VRCRRSTTR (Verify Reservation and Create Reserved Stock Transaction) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.8**](#_Business_Process_Model_8) **Set Activity indicator “Held for Parts” to Yes**

A**ctor/Role:**  WAM

**Description:** WAM sets activity indicator ‘Held for Parts’ to Yes if the estimated required quantity is greater than the available quantity.

|  |
| --- |
| W1-SETHLDPRT (Set Held For Parts) |
| W1-VRCRRSTTR (Verify Reservation and Create Reserved Stock Transaction) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**9.9**](#_Business_Process_Model_8) **Set Activity Indicator “Held for Parts” to No**

A**ctor/Role:**  WAM

**Description:** WAM sets activity indicator ‘Held for Parts’ to No if the estimated required quantity is lesser than the available quantity.

|  |
| --- |
| W1-SETHLDPRT (Set Held For Parts) |
| W1-VRCRRSTTR (Verify Reservation and Create Reserved Stock Transaction) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

**Group: Monitor Fulfillment Requirements**

[**10.0**](#_Business_Process_Model_8) **Check Criteria to Fulfill Material Requirements**

A**ctor/Role:**  WAM

**Description:** WAM checks criteria to fulfill material requirements.

|  |
| --- |
| W1-MIIVRSRQF (Move Issued Inventory Resource Requirement to Fulfilled) |
| W1-MRSRQFF (Move Resource Requirement to Fulfilled if Activity is Completed) |
| W1-MRDPRSRQF (Move Received Direct Purchase Resource Requirement to Fulfilled) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

**Group: Monitor Fulfillment Requirements**

[**10.1**](#_Business_Process_Model_8) **Transition Activity Material Requirement(s) to Status “Fulfilled”**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity material requirements to ‘Fulfilled’ status.

|  |
| --- |
| W1-MIIVRSRQF (Move Issued Inventory Resource Requirement to Fulfilled) |
| W1-MRSRQFF (Move Resource Requirement to Fulfilled if Activity is Completed) |
| W1-MRDPRSRQF (Move Received Direct Purchase Resource Requirement to Fulfilled) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**10.2**](#_Business_Process_Model_8) **Create Inventory Stock Transaction to Relive Unused Demand**

A**ctor/Role:**  WAM

**Description:** WAM creates Inventory stock transaction to relive unused demand.

|  |
| --- |
| W1-MRLSTTRIL (Marking Relevant Stock Transaction as Irrelevant) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-ActivityMaterialRequirement |

**Business Object (Y/N) Business Object**

[**10.3**](#_Business_Process_Model_8) **Review Activated Activities**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorised User reviews activated activities.

[**10.4**](#_Business_Process_Model_8) **Request Transition Activity to “Work In Progress” Status**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to transition activity to ‘Work in Progress’ state.

[**10.5**](#_Business_Process_Model_8) **Transition Activity to “Work In Progress” Status**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity to ‘Work in Progress’ state.

|  |
| --- |
| W1-SETHLDPRT (Set Held For Parts) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**10.6**](#_Business_Process_Model_9) **Schedule and Assign Work 5.8.1.4 WAM.v2.1.Manage Assign and Schedule Work**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User schedules and assigns work. Please refer to the process 5.8.1.4 WAM.v2.1.Manage Assign and Schedule Work for more information.

[**10.7**](#_Business_Process_Model_9) **Perform Work**

A**ctor/Role:**  Third Party Workforce Management Application

**Description:** Third Party Workforce Management Application supports necessary processes to initiate perform work.

[**10.8**](#_Business_Process_Model_9) **Report and Send Results**

A**ctor/Role:**  Third Party Workforce Management Application

**Description:** Third Party Workforce Management Application collates, generates reports, and sends results to WAM application.

[**10.9**](#_Business_Process_Model_9) **Communicate Work Details**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User communicates work details to field crew.

[**11.0**](#_Business_Process_Model_9) **Gather Resources**

A**ctor/Role:**  Crew or Worker

**Description:** Crew or Worker gathers resources to perform work.

[**11.1**](#_Business_Process_Model_9) **Perform Work**

A**ctor/Role:**  Crew or Worker

**Description:** Crew or Worker actually performs work in the field.

[**11.2**](#_Business_Process_Model_9) **Request Revision of Work Plan**

A**ctor/Role:**  Crew or Worker

**Description:** Crew or Worker makes a request for revision of work plan.

[**11.3**](#_Business_Process_Model_9) **Update Work Order Plan**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User updates work plan.

[**11.4**](#_Business_Process_Model_9) **Update Activity and Resources**

A**ctor/Role:**  WAM

**Description:** WAM updates activity and resources.

[**11.5**](#_Business_Process_Model_9) **Report Results**

A**ctor/Role:**  Crew or Worker

**Description:** Crew or Worker reports results on performing work in the field.

**Group: Process Resource Charges**

[**11.6**](#_Business_Process_Model_9) **5.8.1.5 WAM.v2.1.Report Time and Manage Timesheets**

A**ctor/Role:**  WAM Authorised User

**Description:** WAM Authorized user reports time and manages timesheets of workers. Please refer to process 5.8.1.5 WAM.v2.1.Report Time and Manage Timesheets for more information.

**Group: Process Resource Charges**

[**11.7**](#_Business_Process_Model_9) **5.8.1.6 WAM.v2.1.Report and Manage Equipment Usage and Other Direct Charges(ODC)**

A**ctor/Role:**  WAM Authorised User

**Description:** WAM Authorized user reports and manages equipment usage made for performing work. Please refer to process 5.8.1.6 WAM.v2.1.Report and Manage Equipment Usage and Other Direct Charges(ODC) for more information.

[**11.8**](#_Business_Process_Model_9) **Request Change Activity Status to Finished**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to change Activity status to ‘Finished’.

[**11.9**](#_Business_Process_Model_9) **Update Activity Status to Finished**

A**ctor/Role:**  WAM

**Description:** WAM updates activity status to ‘Finished’.

|  |
| --- |
| W1-ATACTRSRQ (Auto Transition Activity Resource Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**12.0**](#_Business_Process_Model_10) **Review Actions Required to Complete Activity**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews actions required to complete activity.

[**12.1**](#_Business_Process_Model_10) **Populate Required Data, Work Completion Details and Request Add Completion Event**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates required data, work completion details, and makes a request to add completion event.

[**12.2**](#_Business_Process_Model_10) **Pre-populate required Data and Create Completion Event in Pending Status**

A**ctor/Role:**  WAM

**Description:** WAM pre-populates required data and creates completion event in ‘pending’ state.

|  |
| --- |
| W1-VALRCMEVT (Validate Required Completion Events) |
| W1-BMPCMPEVT (Bump Completion Events) |
| W1-CEVT-INFO (Completion Event Information) |
| W1-DFFRCEVTT (Default Information from Completion Event Type) |
| W1-DFCEVOWAG (Default Completion Event Owning Access Group) |
| W1-DEL-ALLWD (Delete Allowed) |
| W1-VAL-ACTNF (Validate Activity Not Finalized) |
| W1-CEVTINFO (Completion Event Information) |
| W1-DFLTPYACT (Default Activity Payload Info from Completion Event) |
| W1-VALCMPEVT (Validate Completion Event) |
| W1-VALADBOPY (Validate Add BO Using Payload) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-CompletionEventRoot |
| W1-CreActivityCmpEvt |

**Business Object (Y/N) Business Object**

[**12.3**](#_Business_Process_Model_10) **Populate Required Information Provided Upon Work Completion**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized populates work completion information on the event.

[**12.4**](#_Business_Process_Model_10) **Update Completion Event in Pending Status**

A**ctor/Role:**  WAM

**Description:** WAM updates completion event with information in pending state.

|  |
| --- |
| W1-VALRCMEVT (Validate Required Completion Events) |
| W1-BMPCMPEVT (Bump Completion Events) |
| W1-CEVT-INFO (Completion Event Information) |
| W1-DFFRCEVTT (Default Information from Completion Event Type) |
| W1-DFCEVOWAG (Default Completion Event Owning Access Group) |
| W1-DEL-ALLWD (Delete Allowed) |
| W1-VAL-ACTNF (Validate Activity Not Finalized) |
| W1-CEVTINFO (Completion Event Information) |
| W1-DFLTPYACT (Default Activity Payload Info from Completion Event) |
| W1-VALCMPEVT (Validate Completion Event) |
| W1-VALADBOPY (Validate Add BO Using Payload) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-CompletionEventRoot |
| W1-CreActivityCmpEvt |

**Business Object (Y/N) Business Object**

[**12.5**](#_Business_Process_Model_10) **Populate Required Data and Request Delete Completion Event**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User populates required data and makes a request to delete completion event.

[**12.6**](#_Business_Process_Model_10) **Discard Completion Event**

A**ctor/Role:**  WAM

**Description:** WAM discard completion event.

[**12.7**](#_Business_Process_Model_10) **Request Execute Selected Event**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to execute completion event.

[**12.8**](#_Business_Process_Model_10) **Execute Completion Event and Update Completion Event Status to Executed**

A**ctor/Role:**  WAM

**Description:** WAM executes completion and updates completion event to ‘Executed’ state.

|  |
| --- |
| W1-VALRCMEVT (Validate Required Completion Events) |
| W1-BMPCMPEVT (Bump Completion Events) |
| W1-CEVT-INFO (Completion Event Information) |
| W1-DFFRCEVTT (Default Information from Completion Event Type) |
| W1-DFCEVOWAG (Default Completion Event Owning Access Group) |
| W1-DEL-ALLWD (Delete Allowed) |
| W1-VAL-ACTNF (Validate Activity Not Finalized) |
| W1-CEVTINFO (Completion Event Information) |
| W1-DFLTPYACT (Default Activity Payload Info from Completion Event) |
| W1-VALCMPEVT (Validate Completion Event) |
| W1-VALADBOPY (Validate Add BO Using Payload) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-CompletionEventRoot |
| W1-CreActivityCmpEvt |

**Business Object (Y/N) Business Object**

**Group: Create Follow Up Work**

[**12.9**](#_Business_Process_Model_10) **5.8.1.2 WAM.v2.1.Manage Work Orders**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User manages work orders to perform any follow up work. Please refer to process 5.8.1.2 WAM.v2.1.Manage Work Orders to manage work orders.

**Group: Create Follow Up Work**

[**13.0**](#_Business_Process_Model_10) **5.8.1.1 WAM.v2.1.Manage Work Request**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User manages work request to initiate any work order to perform work. Please refer to process 5.8.1.1 WAM.v2.1.Manage Work Request for further details.

[**13.1**](#_Business_Process_Model_10) **Request Complete Activity**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to complete activity.

[**13.2**](#_Business_Process_Model_10) **Transition Activity to Execute Completion Events Status**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity to execute completion events state.

|  |
| --- |
| W1-ATACTRSRQ (Auto Transition Activity Resource Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**13.3**](#_Business_Process_Model_10) **Execute Completion Event(s)**

A**ctor/Role:**  WAM

**Description:** WAM executes completion events.

|  |
| --- |
| W1-VALRCMEVT (Validate Required Completion Events) |
| W1-BMPCMPEVT (Bump Completion Events) |
| W1-CEVT-INFO (Completion Event Information) |
| W1-DFFRCEVTT (Default Information from Completion Event Type) |
| W1-DFCEVOWAG (Default Completion Event Owning Access Group) |
| W1-DEL-ALLWD (Delete Allowed) |
| W1-VAL-ACTNF (Validate Activity Not Finalized) |
| W1-CEVTINFO (Completion Event Information) |
| W1-DFLTPYACT (Default Activity Payload Info from Completion Event) |
| W1-VALCMPEVT (Validate Completion Event) |
| W1-VALADBOPY (Validate Add BO Using Payload) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-CompletionEventRoot |
| W1-CreActivityCmpEvt |

**Business Object (Y/N) Business Object**

[**13.4**](#_Business_Process_Model_10) **Create To Do and Update Activity Status to “Completion Error”**

A**ctor/Role:**  WAM

**Description:** WAM creates To Do and updates activity to ‘Completion Error’ state.

|  |
| --- |
| W1-CRE-ACTTD (Create To Do for Activity) |
| W1-ATACTRSRQ (Auto Transition Activity Resource Requirement) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-CompletionEventRoot |
| W1-CreActivityCmpEvt |

**Business Object (Y/N) Business Object**

[**13.5**](#_Business_Process_Model_10) **Update Completion Event Status to Executed**

A**ctor/Role:**  WAM

**Description:** WAM updates completion event status to ‘Executed’ state.

|  |
| --- |
| W1-VALRCMEVT (Validate Required Completion Events) |
| W1-BMPCMPEVT (Bump Completion Events) |
| W1-CEVT-INFO (Completion Event Information) |
| W1-DFFRCEVTT (Default Information from Completion Event Type) |
| W1-DFCEVOWAG (Default Completion Event Owning Access Group) |
| W1-DEL-ALLWD (Delete Allowed) |
| W1-VAL-ACTNF (Validate Activity Not Finalized) |
| W1-CEVTINFO (Completion Event Information) |
| W1-DFLTPYACT (Default Activity Payload Info from Completion Event) |
| W1-VALCMPEVT (Validate Completion Event) |
| W1-VALADBOPY (Validate Add BO Using Payload) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |
| W1-CompletionEventRoot |
| W1-CreActivityCmpEvt |

**Business Object (Y/N) Business Object**

[**13.6**](#_Business_Process_Model_10) **Update Activity Status to Completed**

A**ctor/Role:**  WAM

**Description:** WAM updates activity status to ‘Completed’

|  |
| --- |
| F1-AT-RQJ (Transition to Default Next Status (Java)) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**13.7**](#_Business_Process_Model_10) **Update Work Order Status to Complete**

A**ctor/Role:**  WAM

**Description:** WAM updates work order status to ‘Complete’.

|  |
| --- |
| W1-ATACTWO (Auto Transition Work Order) |
| W1-ACPJMONIT (Tell Activity's Project to Monitor Itself) |
| W1-MVWOTOCOM ( Move WO to Completed When All Activities Are Completed or Canceled) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**13.8**](#_Business_Process_Model_11) **Review WO**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User reviews Work Order.

[**13.9**](#_Business_Process_Model_11) **Evaluate Criteria to Close WO**

A**ctor/Role:**  WAM

**Description:** WAM evaluates criteria to close work order.

|  |
| --- |
| W1-CLOSEWMWO (Close Work Order) |
| W1-CHKTSDTDT (Check Timesheet Detail Date**)** |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**14.0**](#_Business_Process_Model_11) **Transition WO To Status “Closed”**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to ‘Closed’ status.

|  |
| --- |
| W1-CLOSEWMWO (Close Work Order) |
| W1-CHKTSDTDT (Check Timesheet Detail Date**)** |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**14.1**](#_Business_Process_Model_11) **Request Close WO**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to close work order.

[**14.2**](#_Business_Process_Model_11) **Request Reopen WO**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to reopen Work Order.

[**14.3**](#_Business_Process_Model_11) **Transition WO To Status Reopened**

A**ctor/Role:**  WAM

**Description:** WAM transitions Work Order to ‘Reopened’ status.

|  |
| --- |
| W1-WOPJMONIT (Tell Work Order's Project to Monitor Itself) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-WorkOrder |

**Business Object (Y/N) Business Object**

[**14.4**](#_Business_Process_Model_11) **Process Invoice(s) WAM.v2.1. and Manage Purchase**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User processes invoice and manages purchases. Please refer to Process Invoice(s) WAM.v2.1. and Manage Purchase for further information.

[**14.5**](#_Business_Process_Model_12) **Analyze Error and Work To Do**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User analyses error and works to complete To Do.

[**14.6**](#_Business_Process_Model_12) **Request to Cancel Activity**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorized User makes a request to cancel activity.

[**14.7**](#_Business_Process_Model_12) **Complete To Do(s)**

A**ctor/Role:**  WAM

**Description:** WAM completes ‘To Do’s created.

|  |
| --- |
| F1-TODOCOMPL (Generic To Do Completion) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**14.8**](#_Business_Process_Model_12) **Transition Activity to Cancel State**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity to ‘Cancel’ state.

|  |
| --- |
| F1-TODOCOMPL (Generic To Do Completion) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**14.9**](#_Business_Process_Model_12) **Request to Complete Activity**

A**ctor/Role:**  WAM Authorized User

**Description:** WAM Authorised User makes a request to complete activity.

[**15.0**](#_Business_Process_Model_12) **Transition Activity to Execute Completion Events State Initialize Reprocessing**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity to ‘Execute Complete Event’ state and reprocesses the activity.

|  |
| --- |
| W1-RTRYBOERR (Retry From Error) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**15.1**](#_Business_Process_Model_12) **Identify Activity in Executive Completion Event Error State**

A**ctor/Role:**  WAM

**Description:** WAM identifies activity in ‘Execute Completion Event Error’ state

[**15.2**](#_Business_Process_Model_12) **Evaluate Criteria to Run Automated Retry Process**

A**ctor/Role:**  WAM

**Description:** WAM evaluates criteria to run automated retry process.

|  |
| --- |
| W1-RTRYBOERR (Retry From Error) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

[**15.3**](#_Business_Process_Model_12) **Transition Activity to Execute Completion Events State Initialize Reprocessing**

A**ctor/Role:**  WAM

**Description:** WAM transitions activity to ‘Execute Complete Event’ state and reprocesses the activity.

|  |
| --- |
| W1-RTRYBOERR (Retry From Error) |

**Process Plug-in enabled (Y/N)**  **Available Algorithm(s):**

|  |
| --- |
| W1-LocalActivityCoreWAM |

**Business Object (Y/N) Business Object**

## Test Documentation related to the Current Process

| ID | Document Name | Test Type |
| --- | --- | --- |
|  |  |  |
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## Document Control

**Change Record**

| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
|  |  |  |  |
| 10/09/2015 | Barry DeMartini,  Galina Polonsky | 1.0 | Initial Version |
| 09/10/2016 | Srinivas Kanteti | 1.1 | Apply template and formatting. Minor updates |
| 11/20/2016 | Daryl Hillen | 1.1 | Review, Minor updates |
| 11/21/2016 | Galina Polonsky |  | Reviewed, Approved |

## Attachments

### 

### Work Order



### Activity



### Template Work Order



### Equipment Requirement

