Change Control

Document Version	Application Version	Date	Updated By	Description
1.0	2.0	March 15, 2017	Dennis L. Cunanan	Initial Documentation Since source code of the existing application is no longer available, a new application will be developed to handle issues being encountered on existing application

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Prepared by: Dennis L. Cunanan **Date:** 04/06/17	**Path/File:** DOCUMENTATION\RAL\
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1 Introduction / Background

1.1 Overview

Receiving Authorization List [RAL] Service Program is an application for generation of report which contains list of Purchase Orders [POs] from JDA.

This service program will be used for JDA WMS version 7.7 and will be a replacement to the existing RAL program for JDA WMS version 4R5. After the JDA WMS version update, existing RAL program could no longer handle server IP address with length greater than 10 characters, and PO number with length greater than 6.

1.2 Scope

1. The RAL Service Program will replicate all functionalities of the existing RAL program.
2. Issues on server IP address length will be handled
3. Issues on PO length will be handled.

1.3 Request Reference

Ticket Number	2016-12-875
Created By	Mary Joy Galope [12/09/2016]
Approved By	Crisanta Rey [12/09/2016]

2   Solution

2.1   Input or Functional Specifications

2.1.1   SERVER

Server	:	RRGCOMEPP001
Database	:	COMMON
Table	:	business_units

2.1.2   APPLICATION

Application Type	:	Windows Application
Application Folder	:	RAL
Application Name	:	RAL v2.0.exe
Default Output Folder :		Application.Path\OUTPUT

2.1.2.1   LOGIN

FORM title	**Signon to iSeries**
CONTROL BOX	MAX button – none MIN button – none **Close [X]** – On click, close application
SERVER dropdown list	Required Field. Read Only. Initial value: [Select Server] Select id as '**id**' and code + ' – ' + jda_ip_address as '**server**'

	from Common.dbo.business_units where jda_ip_address is not blank order by id
	Display: server Value: id On Click: Show the list of servers On Select: Display the selected server
USER ID field	Required Field. Initial value: empty SelectOnEntry: true
PASSWORD field	Required Field. Initial value: empty Mask Character: asterisk [*] SelectOnEntry: true

OK button	On Click,
	If SERVER field is empty or equal to '[Select Server]'
	    Message: "Please select a server."
	    Focus: SERVER field
	
	If USER ID field is empty
	    Message: "User ID is required."
	    Focus: USER ID field
	
	If PASSWORD field is empty
	    Message: "Password is required."
	    Focus: PASSWORD field
	
	First validation:
	Select count(*) as COUNT from JDAUSEC where SEPGM = 'POM501' and SEUSER = USER ID field value
	IF COUNT = 0
	    Message: "USER ID is not authorized to access this application."
	    Focus: USER ID field
	Else
	    Second validation:
	    If USER ID and PASSWORD field values cannot connect to JDA
	        Message: "Invalid USER ID or PASSWORD."
	        Focus: USER ID field
	    Else
	        Close form **LOGIN**
	        Open form **MAIN**

CANCEL button	On Click,
	Close the application

2.1.2.2 MAIN

```
Receiver Authorization List Screen

 1   POM501              ROBINSONS SUPERMARKET CORP - 4C5        Date :  3/16/2017
                          Receiver Authorization List            Time :  14:47:05


           Expected Receipt Date

               From :   |__/__/__|   To :   |__/__/__|   (MM/DD/YY)


           Store No. :   |0      |

           Vendor    :   |0      |

           PO        :   |0      |




     =========================== JDA Software (4C5) ===========================
     F1 = Return                   F3 = Search                    F7 = Accept
```

	On Load:
	    Focus: EXPECTED RECEIPT DATE FROM field
	
	On keyPress [**F1**]
	    Close application
	
	On keyPress [**F3**]
	    If cursor is on STORE NO. field,
	        Open modal form **SEARCH STORE**
	    If cursor is on VENDOR field,
	        Open modal form **SEARCH VENDOR**
	    If cursor is on PO field,
	        Open modal form **SEARCH PO**

	On keyPress [**F7**]
	    Do **VALIDATION**
	    Do **GENERATE REPORT**
	
	On keyPress [**ENTER**]
	    Do **VALIDATION**

FORM title	**Receiver Authorization List Screen**
CONTROL BOX	MAX button – none MIN button – none Close [X] – none
PROGRAM NAME label	**1 POM501**
TITLE label	First Line select name + ' – ' + jda_library as **TITLE** from Common.dbo.business_units where id = id of the selected server from LOGIN screen Second Line **Receiver Authorization List**
DATE label	Format: MM/DD/YYYY Get current date
TIME label	Format: HH:MM:SS Get current time
EXPECTED RECEIPT DATE FROM field	Format: MM/DD/YY Default value: empty
EXPECTED RECEIPT DATE TO field	Format: MM/DD/YY Default value: empty
STORE NO. field	Default value: 0
STORE NAME label	Default Value = ''
VENDOR field	Default value: 0
VENDOR NAME label	Default Value = ''
PO field	Default value: 0

2.1.2.3 SEARCH STORE


```
Search Store

ROBINSONS SUPERMARKET CORP - 4C5                    Date : 3/16/2017
Store search by region, district, store            Time : 18:45:28


        Search by: Store         v      Start at Store :  [        ]
```

	Store	Region	District	Description	Manager	Warehouse	
▶	50	100	300	ROBINSONS CO...		956	
	101	100	100	RS RP GALLERIA	JOY FLORES	957	
	102	100	100	RS RP ERMITA	ROGELIO TEOD...	956	
	103	100	100	RS TUTUBAN C...	MARY GRACE A...	956	
	104	100	100	RS STARMALL ...	NOEMI DELA R...	956	
	105	100	100	RS CIRCLE C C...	MAILEEN RIVERA	957	
	106	100	100	RS CITI SQUAR...	RAMON ABESA...	957	
	107	100	100	RS ARANETA C...	Ramon Abesamis	956	
	108	100	100	RS GOOD EART...	ROGELIO TEOD...	0	
	109	100	100	RS BERKELEY ...	RIZAL CAGALIN...	957	

```
=========================== JDA Software (4C5) ===========================

F1 = Return
```

	OnLoad: select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR order by STRNUM On keyPress [**ENTER**]: 　　Do **UPDATE STORE** On KeyPress [**F1**]: 　　Close **SEARCH STORE**
FORM title	**Search Store**
CONTROL BOX	MAX button – none MIN button – none Close [X] – none
TITLE label	First Line select name + ' – ' + jda_library as **TITLE** from Common.dbo.business_units where id = id of the selected server from LOGIN screen Second Line **Store search by region, district, store**

DATE label	Format: MM/DD/YYYY Get current date
TIME label	Format: HH:MM:SS Get current time

SEARCH BY dropdown list	Read Only.
	Initial value: Store
	
	Values – Display:
	1 – Region
	2 – District
	3 – Store
	
	On Click: Show the list of search by options
	On Select:
	      Display the selected option
	On Change:
	      Update START AT [REGION, DISTRICT, STORE] label

START AT [REGION, DISTRICT, STORE] label	Initial Value: START AT STORE
START AT [REGION, DISTRICT, STORE] field	Initial value: empty

STORE table	Default: select first record
	
	Header:
	On Click, order by the selected column, ascending or descending
	
	Record:
	On Click,
	      Get the Store Record
	      Close **SEARCH STORE**
	      From **MAIN FORM**,
	          STORE NO. field = TBLSTR.STRNUM
	          STORE NAME label = TBLSTR.STRNAM

STORE column	TBLSTR.STRNUM
REGION column	TBLSTR.REGNUM
DISTRICT column	TBLSTR.STRDST
DESCRIPTION column	TBLSTR.STRNAM
MANAGER column	TBLSTR.STMNGR
WAREHOUSE column	TBLSTR.STRWHS

2.1.2.3.1 UPDATE STORE

If SEARCH BY dropdown list value = 'Region'
  If START AT REGION field is empty
    Select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR order by REGNUM

    START AT REGION field value = select top 1 REGNUM from TBLSTR order by REGNUM
  Else
    Select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR where REGNUM >= [START AT REGION field value] order by REGNUM

    START AT REGION field value = Select top 1 REGNUM from TBLSTR where REGNUM >= [START AT REGION field value] order by REGNUM

If SEARCH BY dropdown list value = 'District'
  If START AT DISTRICT field is empty
    Select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR order by STRDST

    START AT DISTRICT field value = select top 1 STRDST from TBLSTR order by STRDST
  Else
    Select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR where STRDST >= [START AT DISTRICT field value] order by STRDST

    START AT DISTRICT field value = Select top 1 STRDST from TBLSTR where STRDST >= [START AT DISTRICT field value] order by STRDST

If SEARCH BY dropdown list value = 'Store'
  If START AT STORE field is empty
    Select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR order by STRNUM

    START AT STORE field value = select top 1 STRNUM from TBLSTR order by STRNUM
  Else
    Select STRNUM, REGNUM, STRDST, STRNAM, STMNGR, STRWHS from TBLSTR where STRNUM >= [START AT STORE field value] order by STRNUM

    START AT STORE field value = Select top 1 STRNUM from TBLSTR where STRNUM >= [START AT DISTRICT field value] order by STRNUM

Update STORE table based on the query result
Update START AT [REGION, DISTRICT, STORE] field value

2.1.2.4   SEARCH VENDOR

	OnLoad: select a.ASALPH, a.ASNUM, a.ASNAME, b.AAPHON from APSUPP a
	Inner join APADDR b on a.ASNUM = b.AANUM
	order by a.ASALPH
	
	On keyPress [**ENTER**]:
	        Do **UPDATE VENDOR**
	
	On KeyPress [**F1**]:
	        Close **SEARCH VENDOR**

FORM title	**Search Vendor**
CONTROL BOX	MAX button – none MIN button – none Close [X] – none
TITLE label	First Line select name + ' – ' + jda_library as **TITLE** from Common.dbo.business_units where id = id of the selected server from LOGIN screen

	Second Line **Vendor Alpha Search**
DATE label	Format: MM/DD/YYYY Get current date
TIME label	Format: HH:MM:SS Get current time
VENDOR MNEMONIC field	Initial value: empty

VENDOR table	Default: select first record
	
	Header:
	On Click, order by the selected column, ascending or descending
	
	Record:
	On Click,
	    If calling FORM is **MAIN**
	        Get the Vendor Record
	        Close **SEARCH VENDOR**
	        From **MAIN FORM**,
	            VENDOR field = APSUPP.ASNUM
	            VENDOR label = APSUPP.ASNAME
	    If calling FORM is **SEARCH PO**
	        Get the Vendor Record
	        Close **SEARCH VENDOR**
	        From **SEARCH PO FORM**,
	            START AT VENDOR field =
	            APSUPP.ASNUM

MNEMONIC column	APSUPP.ASALPH
VENDOR NUMBER column	APSUPP.ASNUM
VENDOR NAME column	APSUPP.ASNAME
PHONE NUMBER column	APADDR.AAPHON

2.1.2.4.1 UPDATE VENDOR

If VENDOR MNEMONIC field is empty
    Select a.ASALPH, a.ASNUM, a.ASNAME, b.AAPHON from APSUPP a
    Inner join APADDR b on a.ASNUM = b.AANUM
    Order by a.ASALPH

    VENDOR MNEMONIC field value = Select top 1 a.ASALPH from APSUPP a
    Inner join APADDR b on a.ASNUM = b.AANUM
    Order by a.ASALPH

Else

    Select a.ASALPH, a.ASNUM, a.ASNAME, b.AAPHON from APSUPP a
    Inner join APADDR b on a.ASNUM = b.AANUM
    Where a.ASALPH >= [VENDOR MNEMONIC field value]
    Order by a.ASALPH

    VENDOR MNEMONIC field value = Select top 1 a.ASALPH from APSUPP a
    Inner join APADDR b on a.ASNUM = b.AANUM
    Where a.ASALPH >= [VENDOR MNEMONIC field value]
    Order by a.ASALPH

Update VENDOR table based on the query result
Update VENDOR MNEMONIC field value

2.1.2.5 SEARCH PO

```
Search PO

 1  POSearch                    ROBINSONS SUPERMARKET CORP - 4C5          Date : 3/23/2017
                                Purchase Order Receiver Search           Time : 16:08:47

    P/O Status:  Released          Start at Vendor: [        ]
```

	Vendor Number	Master PO Number	PO Number	Order Date	Buyer	Dept	SubDept	
▶	0	0-0	350264-0	/ /00		0	0	
	0	0-0	380323-0	/ /00		0	0	
	0	0-0	418411-0	/ /00		0	0	
	0	0-0	418488-0	/ /00		0	0	
	0	0-0	422608-0	/ /00		0	0	
	0	0-0	422694-0	/ /00		0	0	
	0	0-0	423299-0	/ /00		0	0	
	0	0-0	458075-0	/ /00		0	0	
	0	0-0	643570-0	/ /00		0	0	
	0	0-0	651337-0	/ /00		0	0	

```
========================== JDA Software (4C5) ==============================

 F1 = Return      F3 = Search Vendor
```

	OnLoad: select distinct a.POVNUM, a.POMSPO, a.PONUMB, a.POEDAT, a.POBUYR, a.PODPT, a.POSDPT, a.*, b.* from POMHDR a inner join POMRCH b on a.PONUMB = b.PONUMB where a.POSTAT = '3' and b.POSTAT = '3'

	order by a.POVNUM, a.PONUMB
	On keyPress [**ENTER**]:
	Do **UPDATE PO**
	On KeyPress [**F1**]:
	Close **SEARCH PO**
	On keyPress [**F3**]
	If cursor is on START AT VENDOR field,
	Open modal form **SEARCH VENDOR**
FORM title	**Search PO**
CONTROL BOX	MAX button – none
	MIN button – none
	Close [X] – none
TITLE label	First Line
	select name + ' – ' + jda_library as **TITLE** from Common.dbo.business_units where id = id of the selected server from LOGIN screen
	Second Line
	Purchase Order Receiver Search
DATE label	Format: MM/DD/YYYY
	Get current date
TIME label	Format: HH:MM:SS
	Get current time
P/O STATUS label	Value: 'Released'
START AT VENDOR field	Initial value: empty
PO table	Default: select first record
	Header:
	On Click, order by the selected column, ascending or descending
	Record:
	On Click,
	Get the PO Record
	Close **SEARCH PO**
	From **MAIN FORM**,
	PO field = POMHDR.PONUMB
VENDOR NUMBER column	POMHDR.POVNUM
MASTER PO NUMBER column	POMHDR.POMSPO
PO NUMBER column	POMHDR.PONUMB
ORDER DATE column	POMHDR.POEDAT

BUYER column	POMHDR.POBUYR
DEPT column	POMHDR.PODPT
SUBDEPT column	POMHDR.POSDPT

2.1.2.5.1   UPDATE PO

If START AT VENDOR field is empty
> Select distinct a.POVNUM, a.POMSPO, a.PONUMB, a.POEDAT, a.POBUYR, a.PODPT, a.POSDPT, a.*, b.* from POMHDR a
> Inner join POMRCH b on a.PONUMB = b.PONUMB
> Where a.POSTAT = '3' and b.POSTAT = '3'
> Order by a.POVNUM, a.PONUMB
>
> START AT VENDOR field value = Select top 1 a.POVNUM from POMHDR a
> Inner join POMRCH b on a.PONUMB = b.PONUMB
> Where a.POSTAT = '3' and b.POSTAT = '3'
> Order by a.POVNUM, a.PONUMB

Else
> Select distinct a.POVNUM, a.POMSPO, a.PONUMB, a.POEDAT, a.POBUYR, a.PODPT, a.POSDPT, a.*, b.* from POMHDR a
> Inner join POMRCH b on a.PONUMB = b.PONUMB
> Where a.POSTAT = '3' and b.POSTAT = '3' and a.POVNUM >= [START AT VENDOR field value]
> Order by a.POVNUM, a.PONUMB
>
> START AT VENDOR field value = Select top 1 a.POVNUM from POMHDR a
> Inner join POMRCH b on a.PONUMB = b.PONUMB
> Where a.POSTAT = '3' and b.POSTAT = '3' and a.POVNUM >= [START AT VENDOR field value]
> Order by a.POVNUM, a.PONUMB

Update PO table based on the query result
Update START AT VENDOR field value

2.1.2.6   VALIDATION

NOTE:
1. System user can enter either EXPECTED RECEIPT DATE or PO. These are the mandatory fields.
   a. If PO is selected, EXPECTED RECEIPT DATE, STORE NO., and VENDOR should be empty.
   b. If EXPECTED RECEIPT DATE is selected, PO should be empty. System user can enter STORE NO. and/or VENDOR
      i. If STORE NO. is entered, store should exist in TBLSTR
      ii. If VENDOR is entered, vendor should exist in APSUPP

2. PO should exist in POMHDR with status = 3
3. PO should exist in POMRCH with status = 3

If EXPECTED RECEIPT DATE FROM field is empty and EXPECTED RECEIPT DATE TO field is empty and STORE NO. field is empty and VENDOR field is empty and PO field is empty,
- Mark all fields with red asterisk [*]
- Message: "Entry is required."
- Return

If PO field is not empty
    If EXPECTED RECEIPT DATE FROM field and/or EXPECTED RECEIPT DATE TO field is/are not empty,
- Mark EXPECTED RECEIPT DATE FROM field and/or EXPECTED RECEIPT DATE TO field that is/are not empty with red asterisk [*]
- Message: "If PO Number is selected, Dates should be zero."

Expected Receipt Date

From : __/__/__   To : * 03/01/17   (MM/DD/YY)

Store No. : 0

Vendor   : 0

PO   : 314603

If PO Number is selected, Dates should be zero.

Expected Receipt Date

From : * 03/01/17   To : * 03/01/17   (MM/DD/YY)

Store No. : 0

Vendor   : 0

PO   : 314603

If PO Number is selected, Dates should be zero.

If STORE NO. field is not empty,
- Mark STORE NO. field with red asterisk [*]
- Message: "If PO Number is selected, Store No. should be zero."
- STORE NAME label = ''

If VENDOR field is not empty,
- Mark VENDOR field with red asterisk [*]
- Message: "If PO Number is selected, Vendor should be zero."
- VENDOR NAME label = ''

NOTE: Display all messages based on the result of validation.

```
┌─ Expected Receipt Date ─────────────────────────────────────┐
│                                                             │
│      From : * 03/01/17    To : * 03/10/17   (MM/DD/YY)      │
│                                                             │
└─────────────────────────────────────────────────────────────┘

   Store No. : * 100

   Vendor    : * 10287

   PO        :   314603

If PO Number is selected, Dates should be zero.
If PO Number is selected, Vendor should be zero.
If PO Number is selected, Store No. should be zero.
```

Return

If PO field is empty

        If EXPECTED RECEIPT DATE FROM is empty or EXPECTED RECEIPT DATE TO is empty,
- Mark EXPECTED RECEIPT DATE field that is empty with red asterisk [*]
- Message: "From Date – The date entered is invalid." Or "To Date – The date entered is invalid."

```
┌─ Expected Receipt Date ─────────────────────────────────────┐
│                                                             │
│      From : * __/__/__    To :   03/01/17   (MM/DD/YY)      │
│                                                             │
└─────────────────────────────────────────────────────────────┘

   Store No. :   0

   Vendor    :   0

   PO        :   0

From Date – The date entered is invalid.
```

```
┌─────────────────────────────────────────────────────────────────┐
│  ┌─ Expected Receipt Date ──────────────────────────────────┐    │
│  │                                                           │    │
│  │   From :  03/01/17    To : *__/__/__  (MM/DD/YY)          │    │
│  │                                                           │    │
│  └───────────────────────────────────────────────────────────┘   │
│                                                                   │
│     Store No. :  0                                                │
│                                                                   │
│     Vendor    :  0                                                │
│                                                                   │
│     PO        :  0                                                │
│                                                                   │
│   To Date - The date entered is invalid.                          │
└───────────────────────────────────────────────────────────────────┘
```

If STORE NO. field is not empty
      If exists(select 1 from TBLSTR where STRNUM = STORE NO. field value)
            STORE NAME label = TBLSTR.STRNAM
      Else
- Mark STORE NO. field with red asterisk [*]
- Message: "Invalid Store selected."
- STORE NAME label = ''

```
┌─────────────────────────────────────────────────────────────────┐
│  ┌─ Expected Receipt Date ──────────────────────────────────┐    │
│  │                                                           │    │
│  │   From :  03/01/17    To :  03/01/17   (MM/DD/YY)         │    │
│  │                                                           │    │
│  └───────────────────────────────────────────────────────────┘   │
│                                                                   │
│     Store No. :  310      RS TALISAY CEBU                         │
│                                                                   │
│     Vendor    :  0                                                │
│                                                                   │
│     PO        :  0                                                │
│                                                                   │
└───────────────────────────────────────────────────────────────────┘
```

If VENDOR field is not empty
>   If exists(select 1 from APSUPP a Inner join APADDR b on a.ASNUM = b.AANUM
>   Where a.ASNUM = VENDOR field value)
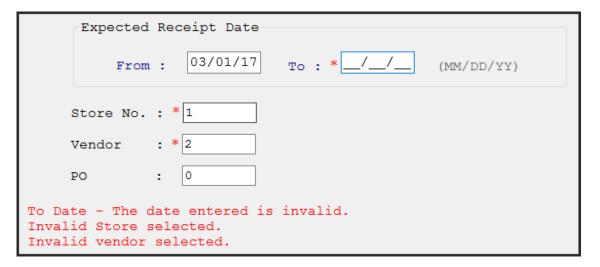>>   VENDOR NAME label = APSUPP.ASNAME
>   Else
>>   ▪ Mark VENDOR field with red asterisk [*]
>>   ▪ Message: "Invalid Vendor selected."
>>   ▪ VENDOR NAME label = ''

```
┌──────────────────────────────────────────────────────────────┐
│ ┌─ Expected Receipt Date ──────────────────────────────────┐  │
│ │                                                          │  │
│ │     From :  03/01/17    To :  03/01/17   (MM/DD/YY)      │  │
│ │                                                          │  │
│ └──────────────────────────────────────────────────────────┘  │
│                                                                │
│     Store No. :  0                                             │
│                                                                │
│     Vendor    : * 1                                            │
│                                                                │
│     PO        :  0                                             │
│                                                                │
│   Invalid vendor selected.                                     │
└──────────────────────────────────────────────────────────────┘
```

NOTE: Display all messages based on the result of validation.

```
┌──────────────────────────────────────────────────────────────┐
│ ┌─ Expected Receipt Date ──────────────────────────────────┐  │
│ │                                                          │  │
│ │     From :  03/01/17    To : * __/__/__   (MM/DD/YY)     │  │
│ │                                                          │  │
│ └──────────────────────────────────────────────────────────┘  │
│                                                                │
│     Store No. : * 1                                            │
│                                                                │
│     Vendor    : * 2                                            │
│                                                                │
│     PO        :  0                                             │
│                                                                │
│   To Date - The date entered is invalid.                       │
│   Invalid Store selected.                                      │
│   Invalid vendor selected.                                     │
└──────────────────────────────────────────────────────────────┘
```

Return

2.1.2.7   GENERATE REPORT

If EXPECTED RECEIPT DATE is empty and PO field is empty
Message: "No records found. Report is not generated."

```
┌─ Expected Receipt Date ─────────────────────────────────┐
│                                                          │
│    From :   __/__/__      To :   __/__/__    (MM/DD/YY)  │
│                                                          │
└──────────────────────────────────────────────────────────┘

     Store No. :   310        RS TALISAY CEBU

     Vendor    :   10287      AAA PHARMA INC.

     PO        :   0

   No records found. Report is not generated.
```

If EXPECTED RECEIPT DATE is not empty

Select a.PONUMB, a.POMRCV, (case when b.ASAUTO = 'C' then 'CROSS DOCK' else 'STOCK OPERATION' end) as ASAUTO , a.POLOC, c.STRNAM, a.POVNUM, b.ASNAME, d.POSDAT, d.POCDAT, f.IVPLTI, f.IVPLHI, (case when b.ASAUTO = 'C' then 'X-DOCK' else 'STOCK OP' end) as LOCATION, e.INUMBR, f.IDESCR, g.IUPC, e.POMUM, e.POMQTY/e.POMPK from MM4C5LIB.POMRCH a
Inner join MM4C5LIB.APSUPP b on a.POVNUM = b.ASNUM
Inner join MM4C5LIB.TBLSTR c on a.POLOC = c.STRNUM
Inner join MM4C5LIB.POMHDR d on a.PONUMB = d.PONUMB
Inner join MM4C5LIB.POMRCD e on a.PONUMB = e.PONUMB
Inner join MM4C5LIB.INVMST f on e.INUMBR = f.INUMBR
Inner join MM4C5LIB.INVUPC g on e.INUMBR = g.INUMBR and g.IUPPRM = 1
Where a.POSTAT = '3' and d.POSTAT = '3'
getStore()
getVendor()
and b.ASAUTO in ('S','C')

getStore()
        If STORE NO. field is not empty
                Include 'and c.STRNUM = STORE NO. field value'
        Else
                ''

getVendor()

    If VENDOR field is not empty

        Include 'and b.ASNUM = VENDOR field value'

    Else

        ' '

If record count = 0

    Message: "No records found. Report is not generated."

Else

    Do **RAL REPORT**

Return

If PO is not empty

Select a.PONUMB, a.POMRCV, (case when b.ASAUTO = 'C' then 'CROSS DOCK' else 'STOCK OPERATION' end) as ASAUTO , a.POLOC, c.STRNAM, a.POVNUM, b.ASNAME, d.POSDAT, d.POCDAT, f.IVPLTI, f.IVPLHI, (case when b.ASAUTO = 'C' then 'X-DOCK' else 'STOCK OP' end) as LOCATION, e.INUMBR, f.IDESCR, g.IUPC, e.POMUM, e.POMQTY/e.POMPK from MM4C5LIB.POMRCH a
Inner join MM4C5LIB.APSUPP b on a.POVNUM = b.ASNUM
Inner join MM4C5LIB.TBLSTR c on a.POLOC = c.STRNUM
Inner join MM4C5LIB.POMHDR d on a.PONUMB = d.PONUMB
Inner join MM4C5LIB.POMRCD e on a.PONUMB = e.PONUMB
Inner join MM4C5LIB.INVMST f on e.INUMBR = f.INUMBR
Inner join MM4C5LIB.INVUPC g on e.INUMBR = g.INUMBR and g.IUPPRM = 1
Where a.POSTAT = '3' and d.POSTAT = '3'
And a.PONUMB = PO field value
and b.ASAUTO in ('S','C')

If record count = 0

    Message: "No records found. Report is not generated."
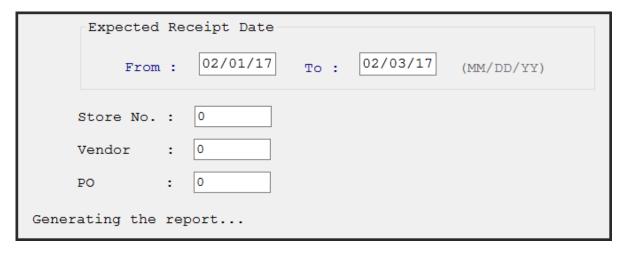
Else

    Do **RAL REPORT**

Return

2.1.2.8 RAL REPORT

Message: "Generating the report…"

```
┌─ Expected Receipt Date ──────────────────────────────────────┐
│                                                              │
│   From :   [02/01/17]    To :  [02/03/17]   (MM/DD/YY)       │
│                                                              │
└──────────────────────────────────────────────────────────────┘

   Store No. :  [0]

   Vendor    :  [0]

   PO        :  [0]

 Generating the report...
```

Open "Save report as…" window. Default location is Application Path\OUTPUT folder.

Display "Report generated in "+Save Path+Filename.

```
Expected Receipt Date

    From :   02/01/17    To :   02/03/17    (MM/DD/YY)


Store No. :   0

Vendor    :   0

PO        :   0


Report generated in C:\Users\dcunanan\Desktop\POM501P1_
170201,170203.pdf.
```

2.1.2.8.1   FILENAME

If PO is selected:
> POM501P1_PO_**[PO NUMBER]**.pdf

If Date is selected:
> POM501P1_**[FROM DATE],[TO DATE]**.pdf

If Date and Store are selected:
> POM501P1_**[FROM DATE],[TO DATE]_[STORE NO.]**.pdf

If Date and Vendor are selected:
> POM501P1_**[FROM DATE],[TO DATE]_[VENDOR]**.pdf

If Date, Store and Vendor are selected:
> POM501P1_**[FROM DATE],[TO DATE]_[STORE NO.]_[VENDOR]**.pdf

Where:
> [PO NUMBER] = PO field value
> [FROM DATE] = EXPECTED RECEIPT FROM DATE field value [**YYMMDD**]
> [TO DATE] = EXPECTED RECEIPT TO DATE field value [**YYMMDD**]
> [STORE NO.] = STORE NO. field value
> [VENDOR] = VENFOR field value

2.1.2.8.2 LAYOUT

NOTE: Display one PO per page.

Receiver Authorization List							
PO No: **1000018** Stock Operation						Date: 4/6/2017	
RA No: **1000008**						Time: 11:31:22AM	
Store No. 956	Store Name RS DC ELISCO2						
Vendor Code 160444	Vendor Name PROCTER & GAMBLE PHILIPPINES INC			Receiving Date 02/03/2017		Cancel Date 02/03/17	
Location	Ti X Hi	SKU No.	Description	UPC	UM	Ordered Qty	Received Qty
STOCK OP	11 X 3(33)	309348	DOWNY SNRSE FRSH 28MLX6X60	4902430401 **845**	C60	1.00 CS	( )CS
Total for PO No. **1000018**						**1.00 CS**	
					Received By:		

PO No.	PONUMB
RA No.	POMRCV
PO Distribution Method	ASAUTO
Barcode	POMRCV [use fre3of9x.ttf font]
Store No.	POLOC
Store Name	STRNAM
Vendor Code	POVNUM
Vendor Name	ASNAME
Receiving Date	POSDAT
Cancel Date	POCDAT
Location	LOCATION
Ti X Hi	IVPLTI X IVPLHI (IVPLTIxIVPLHI)
SKU No.	INUMBR
Description	IDESCR
UPC	IUPC [Font style = bold for last three digits]
UM	POMUM
Ordered Qty	POMQTY/POMPK CS [round up to two decimal places]
Received Qty	( )CS
Total for PO No.	PONUMB Summation of Ordered Qty

3   Contact List

	Name	Email address	Contact Number	Department
Requester	Mary Joy Galope	maryjoy.galope@robinsonsretaild.com.ph	(02) 3950142	Supply Chain Management
Analyst	Dennis Cunanan	dennis.cunanan@robinsonsretail.com.ph	(02) 635-0751 local 227	ISD AppDev
Developer				

4   Signatories

_____
Mary Joy Galope
IS Specialist II - Supply Chain Management

_____
Crisanta Rey
IS Officer – Suppy Chain Management

_____
Dennis Cunanan
Sr. IS Specialist – Applications Development

_____
Kismet De Guzman
Asst. IS Manager – Applications Development

_____
Elaine Baldo
IS Manager – Applications Development