

RESOLV ADVANCED ALLOCATIONS

USER MANUAL

Version 10.0

PRESENTED BY

VISTAVU SOLUTIONS







© Copyright VistaVu Solutions

These materials are subject to change without notice. These materials are provided by VistaVu Solutions for informational purposes only, without representation or warranty of any kind, and VistaVu Solutions shall not be liable for errors or omissions with respect to the materials.

The use and copying of this document and the associated computer software is subject to VistaVu Solutions customer registration agreement. Any other use is prohibited.

Resolv is a trademark of VistaVu Solutions.

SAP Business One is a trademark of SAP AG.

All other trademark or service marks are the property of their respective owners.

Resolv Advanced Allocations is part of the Resolv Suite, which has been certified by SAP as conforming to SAP's standards for Business One add-on solutions.



This documentation is as of Resolv version 100.021.03060

VistaVu Solutions Inc. #3310, 605 5th Ave SW Calgary, AB, T2P 3H5 403-263-3435



RESOLV ADVANCED ALLOCATIONS USER GUIDE

Table of Contents

| Advanced Allocations | 1 |
|-------------------------|----|
| Configuration | 1 |
| Transaction Detail | 2 |
| Query Detail | 4 |
| Actions Detail | 7 |
| Service Scheduler | |
| Custom Allocation Rules | 11 |
| Pick Ticket Rules | |
| Processes | 13 |
| Pick Ticket Manager | 13 |
| Pick Ticket History | 14 |



Advanced Allocations

We have created a module called Advanced Allocations that allows you to create rules for autogenerating pick lists, so you do not have to manually use the Pick Pack manager all day long to create and release pick lists to your warehouse. This utilizes the Resolv Processor to automate this process based on the rules and schedules you set up.

Note, if you also have *Resolv Order Reservations*, this new module will take that into account when deciding what item quantities are available for creating/releasing pick lists.

Configuration

Once the module is installed you need to define your Pick Ticket Rules. This is so the module knows what documents and items to create pick lists for, how often to create them, and how to configure them (what bins to allocate from, who to assign to the pick list, etc.). You will define this all in the Pick Ticket Rules screen.

| Pick Ticket Rules | | _ × |
|---------------------|-----------------------|-----|
| Rule Name | IW Query | 2 |
| Rule Description | IW Query | 2 |
| Rule Type | Query | • |
| Transaction Details | | |
| Query Details | 📫 IW Query Rules | • |
| Pick Action | IW SO ALL PICK ACTION | * |
| Scheduler | IW SO ALL | * |
| Active | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | _ | |
| OK Cancel | | |
| | | |

But before you can create the rules themselves you have to define a few other things, starting with determining whether you want to set up a Query Rule or a Transactional Rule.

The main difference between the 2 is that a query rule will run a query every X minutes (determined by your scheduler, which we will discuss in a little bit) and the results of that query will be the transactions the module evaluates for pick list generation. A transactional rule will check ALL selected transactions every X minutes and evaluate them for pick list generation. We will start by looking at the Transactional Rule type.



Transaction Detail

To set up a Transactional Rule type we first will need to set up a Pick List Transaction Detail record, so start by opening that screen from the main menu. Once in the screen give the record a name and description, then on the Originators tab enter in the users whose transactions you want evaluated. If you want all user transactions evaluated, then just select the All Users checkbox at the bottom of the screen.

| ck Ticl | ket Transaction De | tails | _ > |
|---------|--------------------|-----------------------|-----|
| Trans | action Name | IW SO ALL TRANSACTION | |
| Trans | action Description | SO ALL TRANSACTION | |
| | Origina | tor Documents | |
| # | User | Department | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| _ | | | |
| | | | |
| | All Users | | |
| | | | |
| ОК | Cancel | | |

Then on the Documents tab choose which document type this rule is going to be for (you can only choose one document type per rule).



| Pick Ticket Transaction Detai | ls | | - | × |
|--|------------------|-------|-------|---|
| Transaction Name Transaction Description | IW SO ALL TRANSA | | 2 | |
| Transaction Description | po nee manoner | | | |
| Originator | | Docur | nents | ι |
| Use Sales Orders | | | | |
| Use Reserve Invoices | | | | |
| Use Production Order | | | | |
| Use Inventory Transfer Re | quests | | | |
| | | | | |
| Always | | | | |
| When the following query | annlies | | | |
| U When the following query | appires | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| OK Cancel | | | | _ |



Query Detail

Now let's look at a Query Rule type. For this we will need to set up a Pick List Query Detail record, so start by opening that screen from the main menu. Once in the screen give the record a name and description. Then you need to decide if you want to enter in a document specific query directly in this screen or use a query that you have already created inside of the SAP Query Manager. If you want to use a saved SAP Query, then choose that radio option and select the appropriate SAP query.

| ick Ticket Query Details | | _ × |
|---|-------------------------------|-----|
| Rule Query Name Rule Query Description | IW Query Rules IW Query Rules | |
| Use Sales Orders Use Reserve Invoices Use Production Order Use Inventory Transfer R Use SAP saved query | lequests | |
| Query Category Query Name | Ian Test | |
| Query | | |
| | | |
| | | |
| | | |
| | | |
| | | |



If you want to enter in a document specific query, then first we need to select the document type this rule is going to be for (you can only choose one document type per rule). Then in the Query box below, enter in your query for this rule.

| Pick Ticket Query Details | - | - × |
|---------------------------|---|------|
| Rule Query Name | IW Query Rules | |
| Rule Query Description | IW Query Rules | |
| Use Sales Orders | | |
| O Use Reserve Invoices | | |
| Use Production Order | | |
| O Use Inventory Transfer | Requests | |
| Use SAP saved query | | |
| | | |
| Query | ", IFNULL(OUSR."U NAME",") AS "Owner Code", ORDR."DocDate" AS "F |)iek |
| Date", ORDR."Comments" A | S "Remarks", | PICK |
| | LDR."DocEntry" AS "Order Entry", ORDR."DocNum" AS "Doc No", Row ID", RDR1."OpenCreOty" AS "Released Ouantity", | |
| ORDR."ObjType" AS "Base | Object Type", RDR1. "ItemCode" AS "Item No." | |
| FROM ORDR | "DocEntry" = ORDR."DocEntry" | |
| LEFT JOIN OUSR ON OUSF | ."USERID" = ORDR."UserSign" | |
| | ?."TrnspCode" = ORDR."TrnspCode" = 'Y' AND ORDR."DocStatus" = 'O' AND IFNULL(RDR1."PickStatus", 'N') = | 160 |
| | C20000' AND RDR1."WhsCode" = '01' AND OSHP."TrnspName" = 'UPS | . 14 |
| Ground | | |
| | | |
| | | _ |
| | | |
| | | |
| | | |
| OK Cancel | Preview | |

Here are some basic query templates to use if you like. The main one will release all Open and Approved Sales Orders.

SELECT 'Picker 1' AS "Name", IFNULL(OUSR."U_NAME",") AS "Owner Code", ORDR."DocDate" AS "Pick Date", ORDR."Comments" AS "Remarks", 'Y' AS "Inventory UoM", ORDR."DocEntry" AS "Order Entry", ORDR."DocNum" AS "Order Entry", ORDR."DocNum" AS "Doc No", RDR1."LineNum" AS "Order Row ID", RDR1."CopenInvQty" - SUM(IFNULL(PKL1."PrevReleas",0)) AS "Released Quantity", ORDR."ObjType" AS "Base Object Type", RDR1."ItemCode" AS "Item No."

FROM ORDR LEFT JOIN RDR1 ON RDR1."DocEntry" = ORDR."DocEntry"



```
LEFT JOIN OUSR ON OUSR."USERID" = ORDR."UserSign"

LEFT JOIN OSHP ON OSHP."TrnspCode" = ORDR."TrnspCode"

LEFT OUTER JOIN PKL1 ON PKL1."BaseObject" = ORDR."ObjType" AND PKL1."OrderEntry" =

ORDR."DocEntry" AND PKL1."OrderLine"= RDR1."LineNum" AND PKL1."PickStatus" NOT IN ('C')
```

```
WHERE ORDR."Confirmed" = 'Y' AND ORDR."DocStatus" = 'O'
```

GROUP BY 1, OUSR."U_NAME", ORDR."DocDate", ORDR."Comments", 5, ORDR."DocEntry", ORDR."DocNum", RDR1."LineNum", RDR1."LineNum", RDR1."OpenInvQty", ORDR."ObjType", RDR1."ItemCode"

And then these are some additional filters you can add to the query:

a specific BP code AND ORDR."CardCode" = 'C100'

a specific item code AND RDR1."ItemCode" = 'ps001'

a specific shipping type AND OSHP."TrnspName" = 'UPS Ground'

a specific warehouse AND RDR1."WhsCode" = '01'

all with delivery dates of today or prior AND ORDR. "DocDueDate" < (SELECT CURRENT_TIMESTAMP FROM DUMMY)

Once you have your query written, you can use the Preview button on the bottom to first see if your query is valid, and then see its results. That way you know if the query is written the way you want and evaluating the correct documents.

| Pick Ticket Rules Query Preview | | | | | | | | | | | |
|---------------------------------|------|------------|-----------|---------|---------------|-------------|--------|--------------|-------------------|------------------|----------|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | Name | Owner Code | Pick Date | Remarks | Inventory UoM | Order Entry | Doc No | Order Row ID | Released Quantity | Base Object Type | Item No. |



Actions Detail

Now that we have our Transaction or Query Details set up, we can move onto the next step; setting up the Actions Details.

In this screen we will choose different criteria for creating the pick lists starting with the Input Actions tab. On this tab you will decide if you only want to release lines from a document that can be 100% fulfilled, release all lines with whatever quantities you have currently available, or only release lines if the entire document is 100% fulfillable. There is also a checkbox to include Non-Inventory Items as well.

Also, if you are utilizing Resolv Order Reservations, you can choose to only release lines if the entire document has been Consolidated. This is a function you can read more about in the *Resolv 10.0 Order Reservation User Guide.*

| Pick Ticket Pick Action | | | _ × |
|--|---------------------------|---------------------------------|-------------------|
| Pick Action Name IW SO ALL PI Pick Action Description IW SO ALL PI | | | |
| Input Actions | Bin Allocations (Filters) | Pick List Generation Parameters | Pick List Details |
| Release Rule Only release lines that are 100% fulfil Release all fulfilable lines/quantties Only release lines if entire Document Only release lines if Document is 100% Include Non Inventory Items | is 100% fulfillable | | |
| OK Cancel | | | |

Next on the Bin Allocations tab you will choose any warehouse bin filters you want to use when creating these pick lists. These will work the same as the filters you find in the standard SAP Pick List Generation Wizard, meaning if you set values in here, the pick lists will only allocate from bins that fall within them.

| Aisle | | Climate | | Attribute 5 | | Attribute 9 | |
|-------|-----|-------------|---|-------------|---|--------------|---|
| From | REC | From | * | From | * | From | * |
| То | REC | То | • | То | * | То | * |
| Shelf | | Attribute 2 | | Attribute 6 | | Attribute 10 | |
| From | | From | • | From | * | From | * |
| То | | То | * | То | * | То | * |
| Level | | Attribute 3 | | Attribute 7 | | | |
| From | | From | • | From | * | | |
| То | | То | • | То | * | | |
| | | Attribute 4 | | Attribute 8 | | | |
| | | From | • | From | • | | |
| | | То | * | То | * | | |



There are 2 sub-tabs on the Pick List Generation Parameters tab, and they are both right out of the SAP Pick List Generation Wizard also; Split Pick Lists By and Automatic Allocation. They both function the same exact way here in Advanced Allocations as they do in standard SAP.

On the Automatic Allocation tab there are 2 additional Resolv related options; the first, is to use your own Custom Allocation Rule (which we will discuss later on in this document), and the second, would be to enable the Consolidated Order Reservations (which you just mentioned above) for this particular Pick Ticket Action.

| | Split Pick Lists By | Automatic Allocation |
|---|--|----------------------|
| Split Pick Lists By Business Partner Document Type Item Group Item Warehouse Bin Location Fields Aisle Shelf Level | Bin Location Attributes Climate Attribute 2 Attribute 3 Attribute 4 Attribute 5 Attribute 5 Attribute 6 Attribute 7 Attribute 8 Attribute 8 Attribute 9 Attribute 10 | |
| | Split Pick Lists By | Automatic Allocation |
| Warehouse Settings Bin Location Code Order Alternate Sort Code Order Descending Quantity Ascending Quantity - Single Bin FIFO LIFO Custom Custom Allocation Details | Preferred | |

There are 4 sub-tabs on the Pick List Details tab; Pick Date, User, Picker, and Remarks. You can use these to determine the specific data to be used on the generated pick lists such as the assigned picker or pick list date.

| Pick Date | User | Picker | Remarks |
|---|------|--------|---------|
| System Date Demand Row Date Query Field 'Pick Date' | | | |



| Pick Date | User | Picker | Remarks |
|--|----------|--------|---------|
| Specific User | * | | |
| | | | |
| Automatic Assignment | | | |
| User With Least Open Pick Tickets | | | |
| User With Least Open Pick Ticket R | | | |
| User With Least Open Pick Ticket Q | Juantity | | |
| Query Field 'Owner Code' | | | |
| Employee Filters | | | |
| Role Team | | | |
| Team | | | |
| | | | |
| | | | |
| | | | 1 |
| Pick Date | User | Picker | Remarks |
| | | | |
| Specific Picker Mr Pickers | ion | | |
| | ion | | |
| Automatic Assignment | ion | | |
| Automatic Assignment Match User | son | | |
| Automatic Assignment | son | | |
| Automatic Assignment Match User | son | | |
| Automatic Assignment Match User | son | | |

| Specified Remarks | Pick my stuff | | |
|---|----------------------|--|--|
| Automatic Assignment Demand Documents 'Pie | ck and Pack Remarks' | | |
| O Query Field 'Remarks' | | | |



Service Scheduler

After you have your Action Details set up we now have to create schedules for the rules to run on. To do this open the Advanced Allocations Scheduler Setup screen from the main menu and choose your options.

| Advanced Allocation | s Scheduler - Setup 🔔 🗙 |
|---|--|
| Name | IW SO ALL Rules in Schedule |
| | |
| Schedule Type | Recurring Tabled |
| One-Time Occurrence | |
| Date | Time |
| Frequency | |
| Occurs | Daily 🔻 |
| Recurs Every | 1 T day(s) |
| Daily Frequency Occurs once at Occurs every | Starting at 12:15AM 15 T Ending at 11:45PM |
| Duration | |
| Start date | 01/03/2019 O End date |
| | No end date ■ |
| Log File Detail | Schedule And Transaction Last Run Date/Time 20/02/2020 10:10:49 AM |
| Log The Detail | Defendule And Transaction Date/Time 20/02/2020 10:25:49 AM Next Run Date/Time 20/02/2020 10:25:49 AM |
| OK Canc | el |

Note, there is a button on the top right that says Rules In Schedule. After you have set up all your Advanced Allocation rules and schedules, you can come into this screen anytime you want, pull up a specific schedule, click on that button, and it will show you which rules are assigned to it.

| | Pick | Ticket Rules in So | chedule | | | - | - × |
|---|------|--------------------|---------------|-----------------------|----------------|--------|-----|
| Γ | | | | | | | |
| | | Rule | Rule Type | Transaction Details | Query Details | Active | |
| | 1 | 📫 IW Query | Query | | IW Query Rules | N | |
| | 2 | IW SO ALL | Transactional | IW SO ALL TRANSACTION | | Y | |
| | | | | | | | |



Custom Allocation Rules

As I mentioned above, if you do not want to use the standard SAP Bin Allocation options, you can create your own Custom Bin Allocation Rules based on a query.

| Pick Ticket Rules Custom Allocation Rules - Setup | | _ ; |
|--|---|--|
| Custom Name IW Custom Description W Description | Available Query Parameters: Item Code is @ItemCode Warehouse Code is @WarehouseCode Document Internal Key is @DocKey Document Object Type is @ObjType Document Date is @DocDate Document Line is @LineNum Document Release Quantity is @ReleaseQty Card Code is @BPCode User Code is @UserCode | Query Columns Must Be: 1 - Item Code 2 - Warehouse Code 3 - Bin On Hand Quantity 4 - Bin Internal Number Entry 5 - Bin Location Code 6 - Bin UoM Conversion (not required) |
| Select tl."ItemCode", tl."WhsCode", case when mod ('@ReleaseQty/iselect x1."BaseQty" from OITM x0 inner join UGP1 x1 on x0."UgpEntry" = x1."UgpEntry" where x0."ItemCode" = t1."ItemCode" and x1."UgpEntry" = (SELECT "UgpEntry" from OITM where "ItemCode" = '@ and x1."UomEntry" = (SELECT "UgpEntry" from OITM where "ItemCode" = '@ (mod ('@ReleaseQty',(select x1."BaseQty" from OITM x0 inner join UGP1 x1 OK Or Verview | 9ItemCode') | |

At the top of the screen, we give you the available query parameters you can use and their correct syntax. We also give you the mandatory list and order of the columns needed for your query to work. This query can be as simple or as complex as you like, but since you can use the standard SAP rules and our Pick Action filters for more simple allocation rules, the queries used in this screen will most likely be complex. If you ever need assistance feel free to reach out to support and we can connect you with the professional services team to get you going.

Once you think you have your query set, you can click the Preview button at the bottom to see what the allocations may look like.

| Pick Ticket Rules Query Preview | | | | - | _ × |
|---------------------------------|---------|--------------|--------|---------|-----|
| ItemCode | WhsCode | Released Qty | BinAbs | BinCode | |
| | 01 | 2.00 | | 01-A-2 | |



Pick Ticket Rules

So now that we have our Transaction/Query Details, Pick Actions, and Schedules set up, we can set up the actual Rules themselves. Start by opening the Pick ticket Rules screen from the main menu.

Giving the Rule a name and description, then choose your Rule Type (Query or Transactional) and corresponding Query or Transaction Detail record.

| Pick Ticket Rules | | _ > |
|---------------------|----------------|-----|
| Rule Name | IW Query | |
| Rule Description | IW Query | Ð |
| Rule Type | Query | • |
| Transaction Details | | |
| Query Details | IW Query Rules | - |

| Pick Ticket Rules | | _ × |
|---------------------|--------------------|-----|
| Rule Name | IW SO ALL | |
| Rule Description | IW SO ALL | Ø |
| Rule Type | Transactional | |
| Transaction Details | SO ALL TRANSACTION | • |
| Query Details | | |

Next select your Pick Action for this rule as well as which schedule you want this rule to run on. There is also an Active checkbox on the bottom that you can use to activate and deactivate your Pick Ticket Rules as you continue your use of Advanced Allocations.

| Pick Action 📥 | IW SO ALL PICK ACTION | • |
|---------------|-----------------------|---|
| Scheduler 🔶 | IW SO ALL | ۳ |
| Active | \checkmark | |
| | | |

Now that you have configured Advanced Allocations, let's see how it works.



Processes

Advanced Allocations will use the Resolv Processor to run your Pick Ticket Rules on the schedules you have set up. As each schedule runs it will select which documents to evaluate for pick ticket generation and then determine how to create those pick tickets that it wants to release, all based on your rule configurations. This will all happen automatically but there are a couple of screens that will be of use to you to help monitor this automated process.

Pick Ticket Manager

The Pick Ticket Manager will allow you to preview the documents that will be evaluated on the next scheduled run of the Resolv Processor. You can use different filters like Rule, BP Code, or Posting Date to narrow down your search.

You can also use this screen to manually push documents through Advanced Allocations if you do not want to wait for the next scheduled run or you just feel like running it manually. To do this select the rows you want to send through and hit the Process button at the bottom.

| Rule IW SO ALL | | | | sting Date | | То | L | | |
|----------------|---------------|---------|-----------|-----------------------|----------------|-------------------|------------|---------------|-----------------|
| | Code | | | | Do | cument Date | | То | |
| Doc | ument Status | | | • | | | | | |
| | Document Type | Doc Num | BP Code | BP Name | Contact | Created By | Entry Date | Document Date | Document Amount |
| 1 | Sales Order | ➡ 1229 | ➡ L10001 | Andreas Ackermann | James Sanders | Cuadra, Christine | 03/04/2020 | 03/04/2020 | 15,000.00 |
| 2 | Sales Order | ➡ 1230 | SBC | South Branch Customer | | Cuadra, Christine | 03/04/2020 | 03/04/2020 | 15,000.00 |
| 3 | Sales Order | 📫 1240 | 🔿 C23900 | Parameter Technology | Daniel Brown | Cuadra, Christine | 10/04/2020 | 10/04/2020 | 4,222.00 |
| 4 | Sales Order | 📫 1241 | 🔿 C23900 | Parameter Technology | Daniel Brown | Cuadra, Christine | 10/04/2020 | 10/04/2020 | 4,222.00 |
| 5 | Sales Order | 📫 1242 | 🔿 C23900 | Parameter Technology | Daniel Brown | Cuadra, Christine | 10/04/2020 | 10/04/2020 | 4,222.00 |
| 6 | Sales Order | 1259 | 🔿 C20000 | Centerport Components | Amanda Costner | Ian O'Walsh User | 20/11/2020 | 20/11/2020 | 0.00 |
| 7 | Sales Order | 📫 1260 | 🔿 C20000 | Centerport Components | Amanda Costner | Ian O'Walsh User | 20/11/2020 | 20/11/2020 | 0.00 |
| 8 | Sales Order | 📫 1261 | 🔶 C20000 | Centerport Components | Amanda Costner | Ian O'Walsh User | 20/11/2020 | 20/11/2020 | 0.00 |
| 9 | Sales Order | 📫 1262 | 🔶 C20000 | Centerport Components | Amanda Costner | Ian O'Walsh User | 20/11/2020 | 20/11/2020 | 0.00 |
| 10 | Sales Order | 📫 1263 | 🔶 C20000 | Centerport Components | Amanda Costner | Ian O'Walsh User | 20/11/2020 | 20/11/2020 | 0.00 |
| 11 | Sales Order | 📫 1264 | 🔶 C20000 | Centerport Components | Amanda Costner | Ian O'Walsh User | 20/11/2020 | 20/11/2020 | 6.50 |
| 12 | Sales Order | 📫 1267 | 🔶 C99999 | One Time Customer | | Cuadra, Christine | 13/01/2021 | 13/01/2021 | 1,000.00 |
| 13 | Sales Order | 📫 1268 | 📫 C954000 | Walkup Inc | Daryl | Cuadra, Christine | 13/01/2021 | 13/01/2021 | 900.00 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



Pick Ticket History

The Pick Ticket History screen is extremely helpful when trying to see what happened during a pick list run. First filter by date range and then choose if you want to see runs that were successful (Completed) or runs that had issues (Errors). After you do that click on the Search button at the bottom of the screen and it will bring up the matching pick list run results.

The grid will show you information about the matching runs such as which rule it was, if it ran manually or by the processor, the date and time it ran as well as how many successes and/or failures there were.

| tari | ting Date | | | | | | | | |
|------|-----------|-------------|---------------------|-----------|------------|----------|-----------|---------|---------------------------------------|
| ndi | ng Date | | | | | | | | |
| rro | | • | | | | | | | |
| om | pleted | 0 | | | | | | | |
| | | | | | | | | | |
| | Rule | Rule Type | Run Type | Schedule | Run Date | Run Time | Completed | Errored | Validation Details |
| | IW SO ALL | Transaction | User Initiated | | 01/08/2020 | 3:49PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| | IW SO ALL | Transaction | User Initiated | | 01/08/2020 | 3:52PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| | IW SO ALL | Transaction | User Initiated | | 01/08/2020 | 3:54PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| | IW SO ALL | Transaction | User Initiated | | 01/13/2020 | 5:33PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| | IW SO ALL | Transaction | User Initiated | | 01/13/2020 | 5:42PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| | IW SO ALL | Transaction | User Initiated | | 01/23/2020 | 5:20PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| | IW SO ALL | Transaction | User Initiated | | 02/25/2021 | 1:48PM | N | Y | 5 Pick Lists Generated 1 Errors Found |
|) | IW SO ALL | Transaction | User Initiated | | 04/02/2020 | 4:07PM | N | Y | 1 Pick Lists Generated 1 Errors Found |
| 0 | IW SO ALL | Transaction | User Initiated | | 04/02/2020 | 4:09PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 1 | IW SO ALL | Transaction | User Initiated | | 04/02/2020 | 5:11PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 2 | IW SO ALL | Transaction | User Initiated | | 04/02/2020 | 5:24PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 3 | IW SO ALL | Transaction | User Initiated | | 04/02/2020 | 5:30PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 4 | IW SO ALL | Transaction | Processor Initiated | IW SO ALL | 10/23/2019 | 12:15AM | N | Y | 0 Pick Lists Generated 2 Errors Found |
| 5 | IW SO ALL | Transaction | Processor Initiated | IW SO ALL | 10/23/2019 | 2:45PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 6 | IW Query | Query | Processor Initiated | IW SO ALL | 11/05/2019 | 3:45PM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 7 | IW SO ALL | Transaction | User Initiated | | 12/27/2019 | 11:22AM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 8 | IW SO ALL | Transaction | User Initiated | | 12/27/2019 | 11:22AM | N | Y | 0 Pick Lists Generated 1 Errors Found |
| 9 | IW SO ALL | Transaction | User Initiated | | 12/27/2019 | 5:33PM | N | Y | 0 Pick Lists Generated 1 Errors Found |

If you then highlight a row and click on the Details button at the bottom of the screen, it will bring up a secondary screen showing you each individual document and row in that run, how it was evaluated, and what issues, if any, the system had generating a pick list.

| | Pick Number | Completed | Validation Details | DI Response | Owner Name |
|----|---------------|-----------|--|--|------------|
| L | ⇒ 6600 | Y | | | ian |
| 2 | \Rightarrow 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | | ian |
| 3 | 📫 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | Pick List Items did not pass validation. | ian |
| 4 | 📫 6601 | Y | | | ian |
| 5 | ➡ 6602 | Y | | | ian |
| 6 | 📫 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | | ian |
| 7 | 📫 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | Pick List Items did not pass validation. | ian |
| В | 📫 6603 | Y | | | ian |
| 9 | 📫 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | | ian |
| 10 | 📫 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | Pick List Items did not pass validation. | ian |
| 11 | 📫 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | | ian |
| 12 | ⇒ 6604 | Y | | | ian |
| 13 | 🔿 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | | ian |
| 14 | ⇒ 0 | N | Pick Action Bin Allocations returned no available release quantity for item 'i400' and warehouse '02'. | Pick List Items did not pass validation. | ian |
| | | | | | |
| | | | | | |
| | | | | | |
| | _ | | | | 1 |



You may notice the button on the bottom labelled Transfer. If you are using a pick rule with the setting of "Only Release lines if Document is 100% fulfillable", and your pick list has some items with quantities available, but those quantities are in bins that do not allow allocations (standard SAP "Exclude from Auto. Alloc. On Issue" checkbox), the system will fail the generation of the pick list but put a letter "T" in the Completed column. It will also give you information on those bins where the item has quantities but it is not allowed to allocate from.

| Pick Number | Completed | Validation Details | |
|---------------|-----------|--|--|
| ⇒ o _ | N | Pick Action Bin Allocations could not find any bin locations y | ith the specified bin selections for item 'i400' and warehouse '02' (AND OBIN."SL1Code" >= 'A' A |
| \Rightarrow 0 | т | 'i400' in '02-REC' on '1269' is not in a pick-able location. | |
| ⇒ 0 | т | 'i400' in '02-XDOC' on '1269' is not in a pick-able location. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

If you see this, you can click on that Transfer button and it will open a new window called Pick Ticket History Transfers. This will show all these instances for the entire pick list schedule that you are reviewing in one clean list. You can then use this list as a guide for creating a transfer document to move the items into allocatable bins, so that you can re-run the Advanced Allocation rule and your pick lists will now be able to be generated.

| | Pick Number | Completed | Validation Details | DI Response | Owner Name | Pick Date | Remarks | Base Object Type | Base Document | Ba |
|---|-------------|-----------|---|-------------|------------|------------|---------|------------------|---------------|----|
| 1 | 📫 0 | т | 'i400' in '02-REC' on '1269' is not in a pick-able location. | | ian | 03/11/2021 | 654654 | Sales Order | ➡ 1269 | 0 |
| 2 | 📫 0 | т | 'i400' in '02-XDOC' on '1269' is not in a pick-able location. | | ian | 03/11/2021 | 654654 | Sales Order | ➡ 1269 | 0 |