**Unit Testing of SHAW OM PointOfSales From Cloud to LogFire**

**Step:1**

**Query to get the Serial numbers which are in issued out of stores status of a particular org in ERP:**

SELECT

iop.organization\_code,

sib.item\_number,

isn.current\_subinventory\_code,

fl.meaning serial\_status,

isn.serial\_number,

isn.lpn\_id,

isn.last\_update\_date,

isn.last\_updated\_by,

isn.creation\_date,

isn.created\_by

FROM

inv\_serial\_numbers isn,

inv\_org\_parameters iop,

egp\_system\_items\_b sib,

fnd\_lookups fl

WHERE

fl.lookup\_type = 'INV\_SERIAL\_NUM\_STATUS'

AND isn.current\_status = fl.lookup\_code

AND isn.current\_organization\_id = iop.organization\_id

AND isn.current\_organization\_id = sib.organization\_id

AND isn.inventory\_item\_id = sib.inventory\_item\_id

AND isn.last\_update\_date =

(

SELECT

Max(last\_update\_date)

FROM

inv\_serial\_numbers

WHERE

serial\_number = isn.serial\_number

)

AND iop.organization\_code = 'CGY'

AND fl.meaning LIKE 'Issued out%'

ORDER BY

isn.serial\_number;

* Select some transactions from the above query and receive it manually through ERP application

**Step 2:** To receive the serials in ERP follow the Navigation

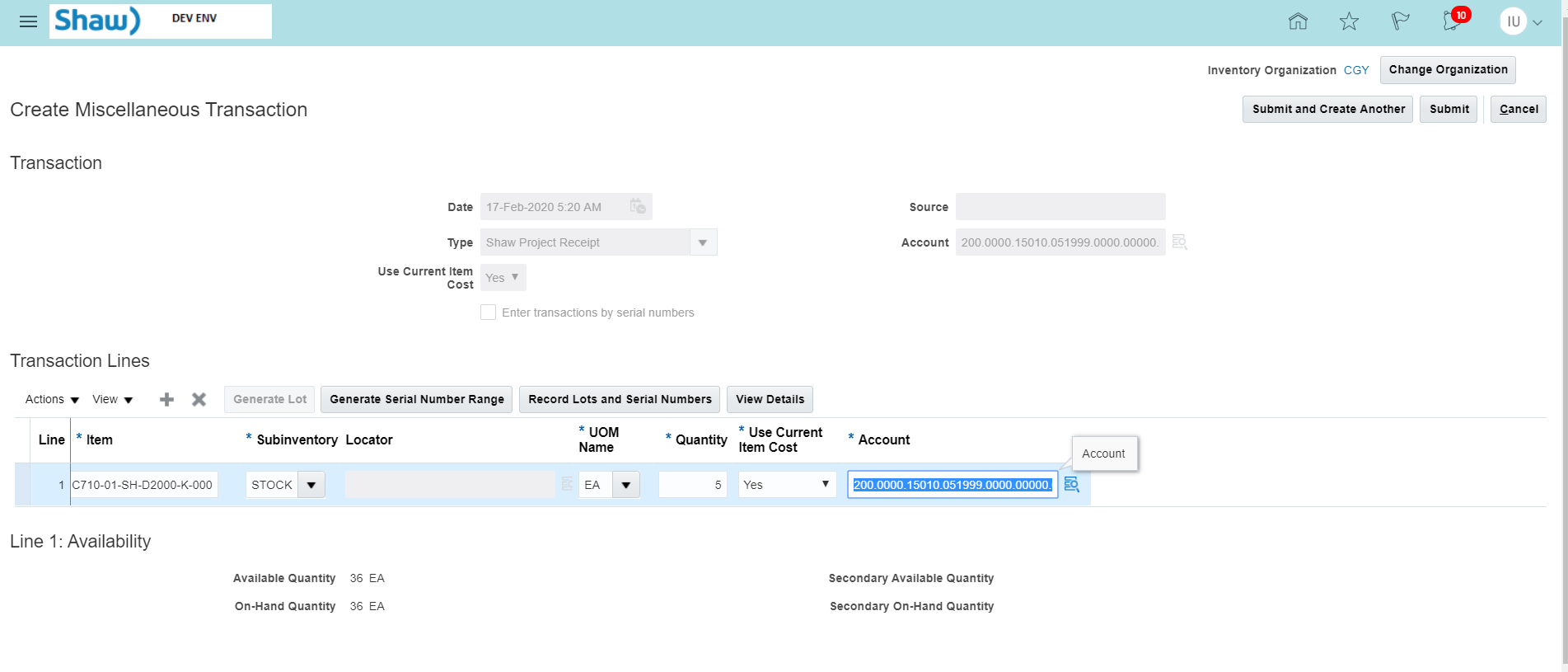
* **Supply Chain Execution>Inventory Management>Create Miscellaneous Transaction**

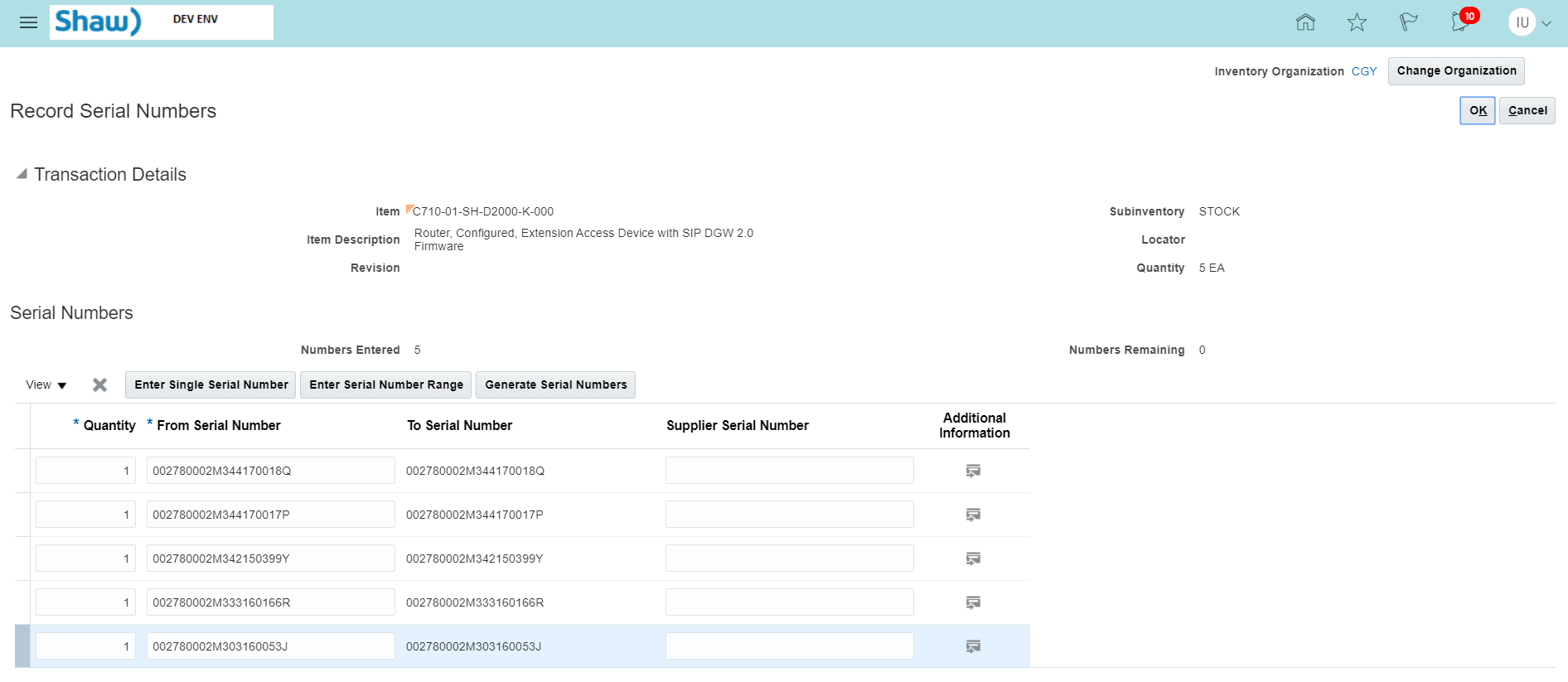
**Enter Organization**

**Transaction\_Type**: Shaw Project Receipt

**Account**: 200.0000.15010.051999.0000.00000.000000.000

* Enter Item Number, Sub inventory, Quantity
* Click the Records lots and serial numbers tab and enter the serial numbers in **enter single serial number** tab

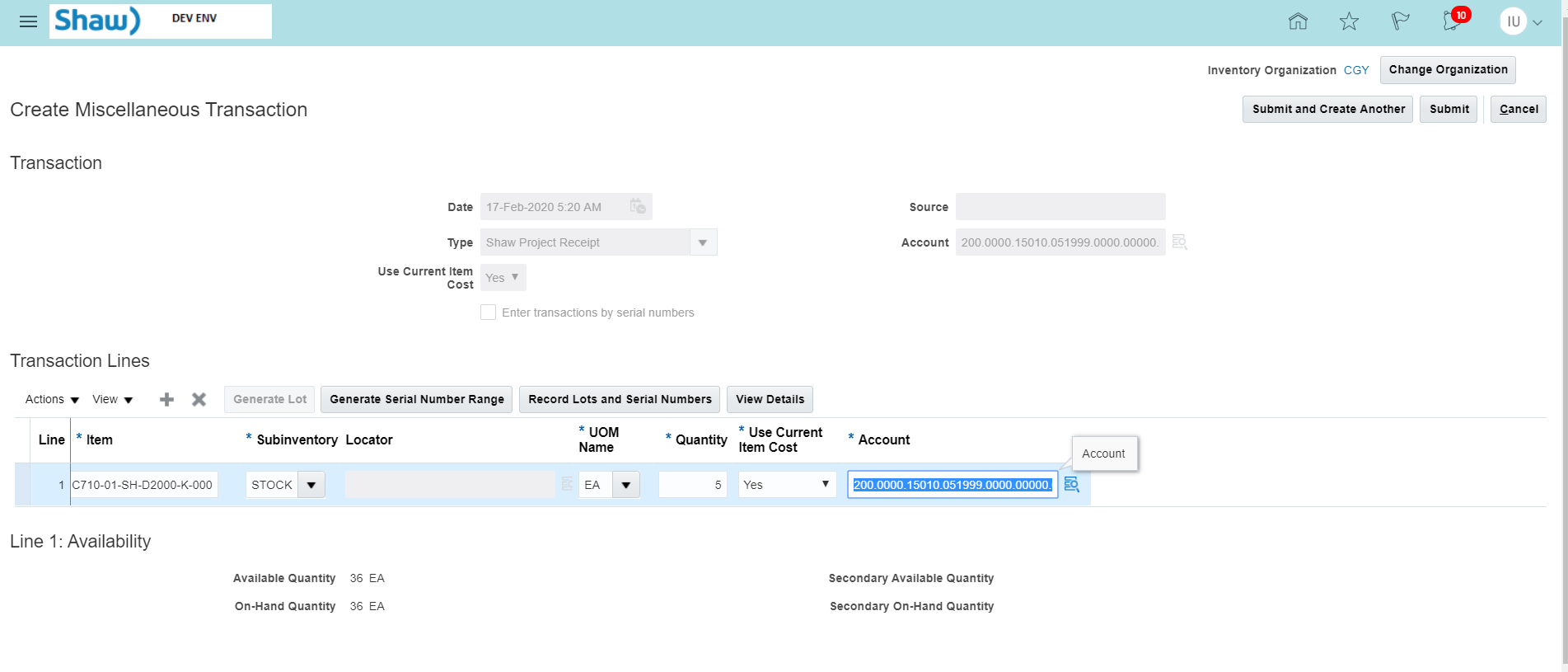




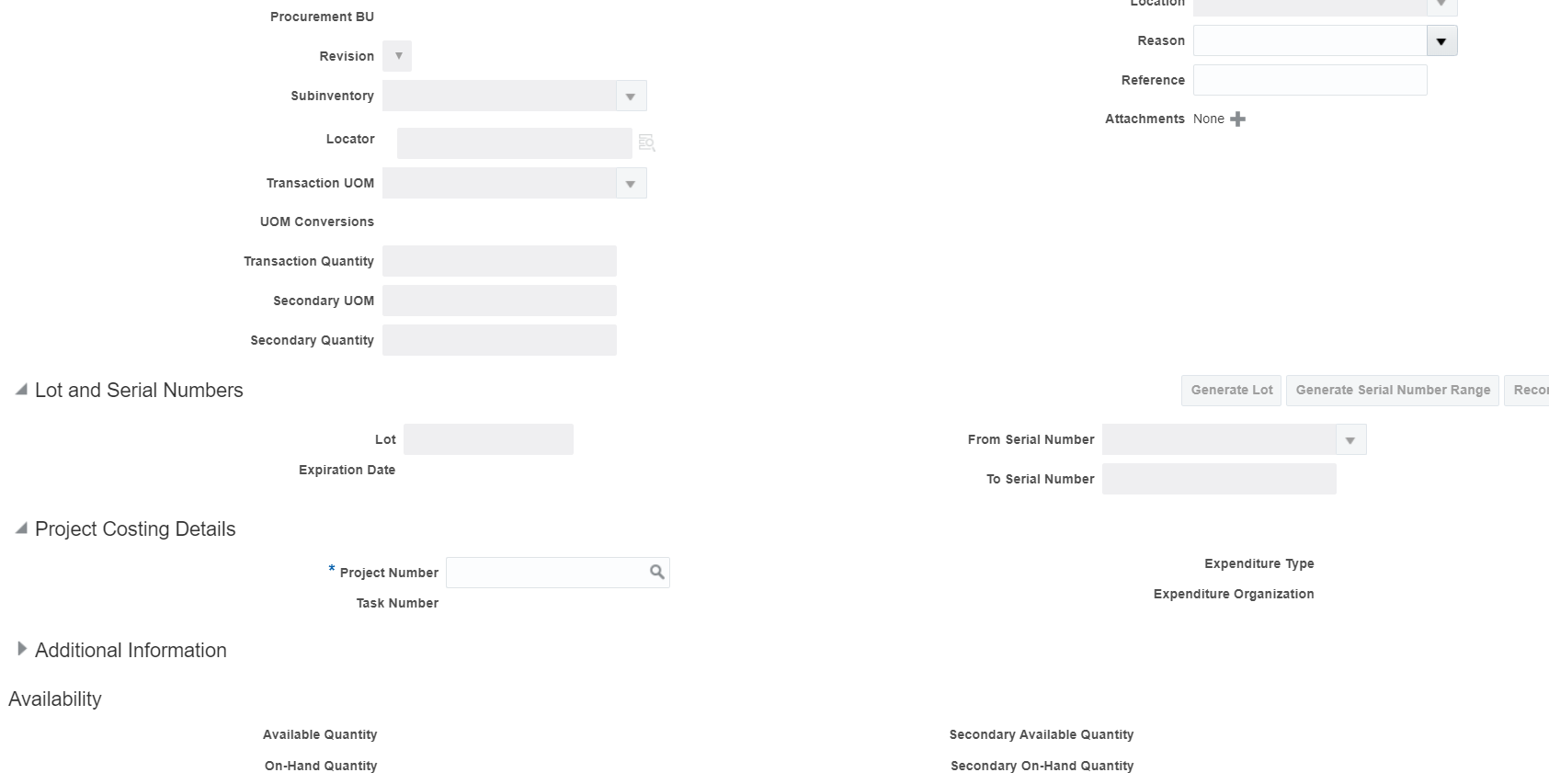


Click Ok button

Click View Details







To get the **Active Project Number and Task Number** run the below query in cloud ERP

select

'''' || a.segment1 || '|' || b.task\_number || ''',',

a.project\_status\_code,

a.segment1,

b.task\_number,

b.CHARGEABLE\_FLAG,

case

when

b.completion\_date > sysdate

then

'Active'

else

'Inactive'

end

Task\_Status

from

pjf\_projects\_all\_vl a, pjf\_tasks\_v b

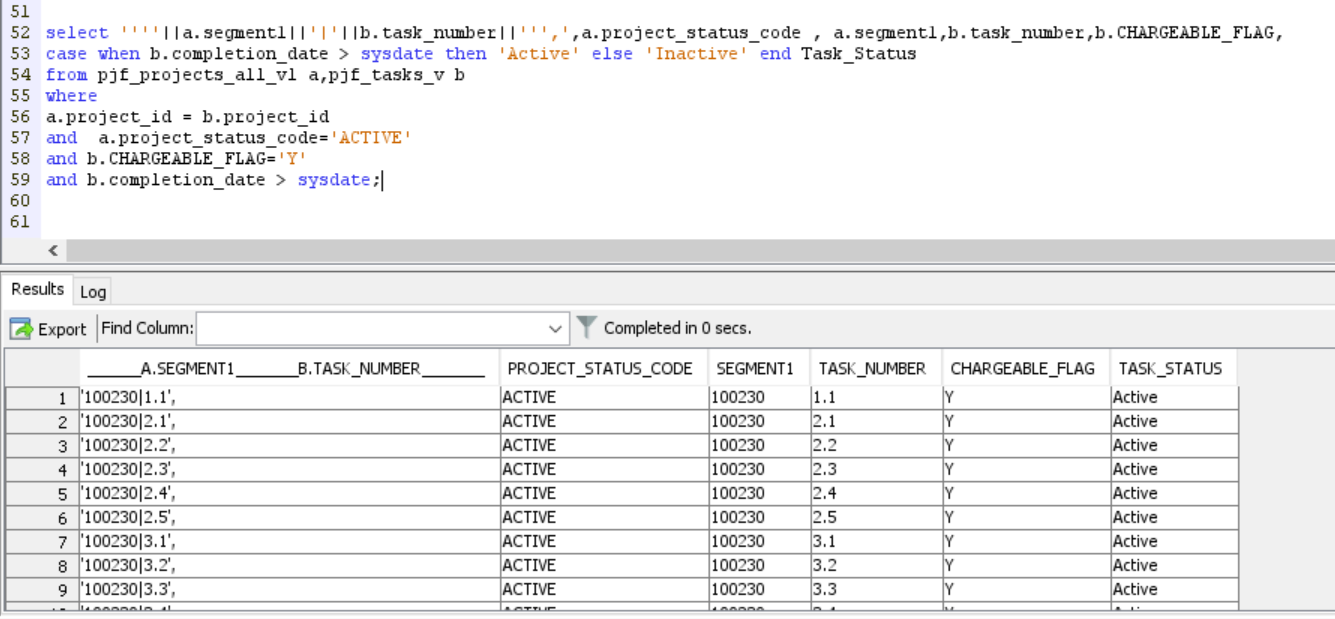
where

a.project\_id = b.project\_id

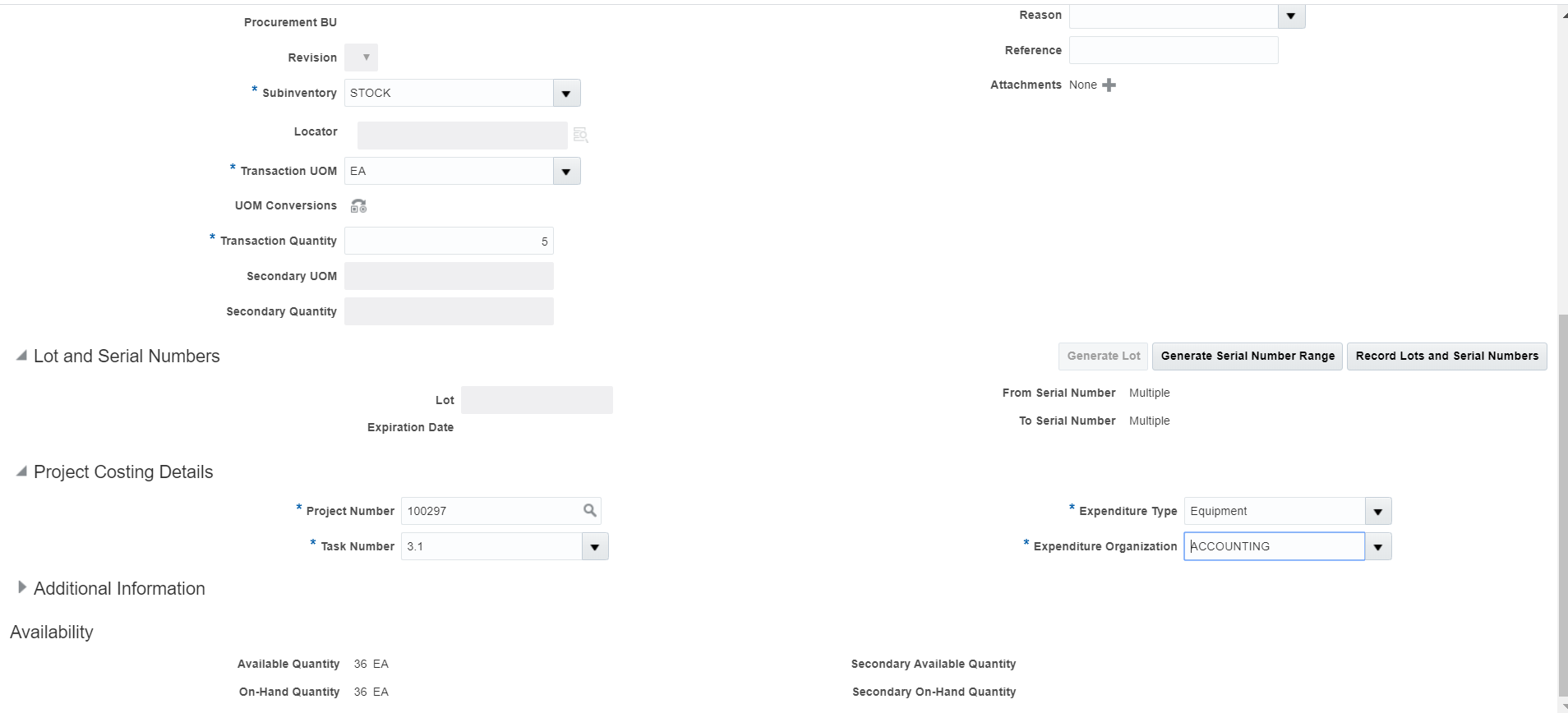
and a.project\_status\_code = 'ACTIVE'

and b.CHARGEABLE\_FLAG = 'Y'

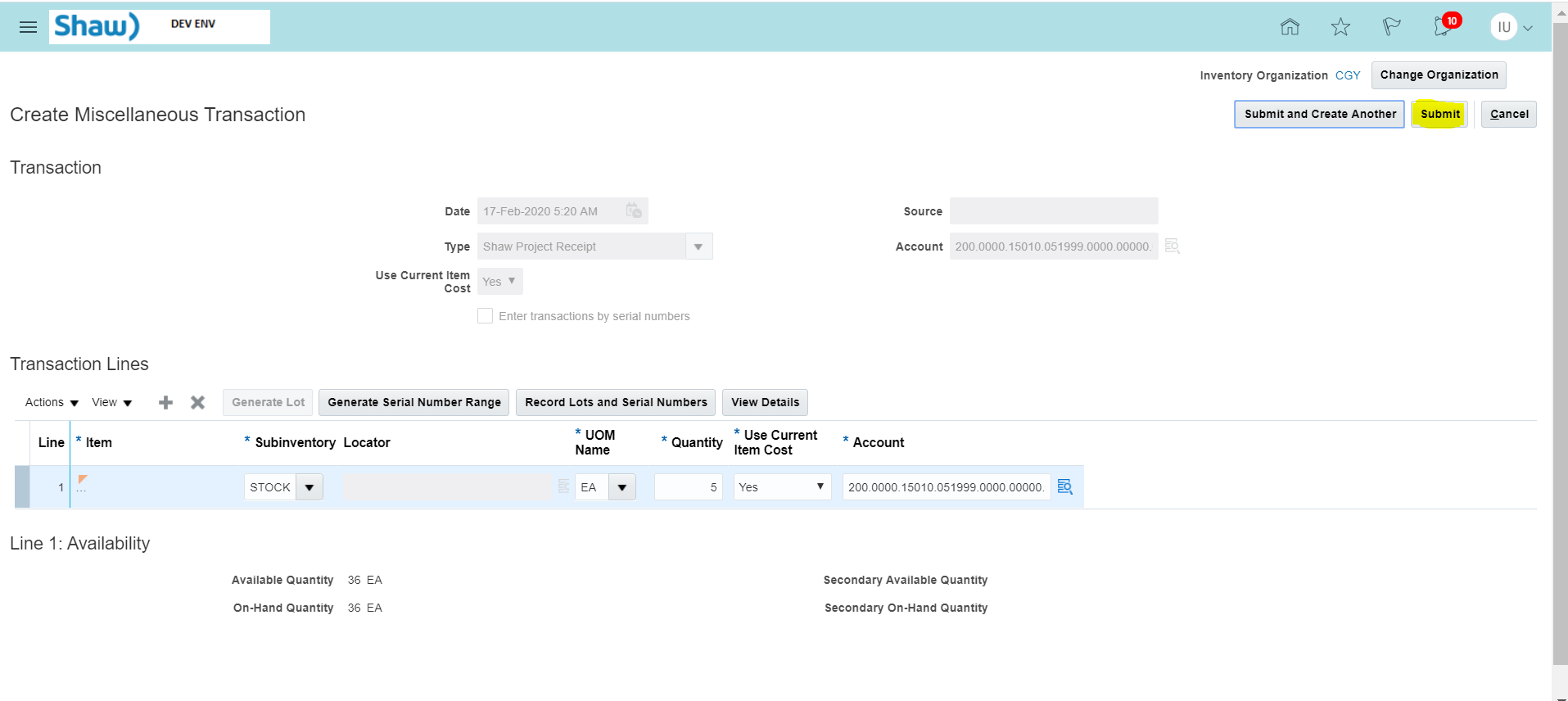
and b.completion\_date > sysdate;



**Enter Active Project Number ,Task Number ,Expenditure Organization : Accounting**

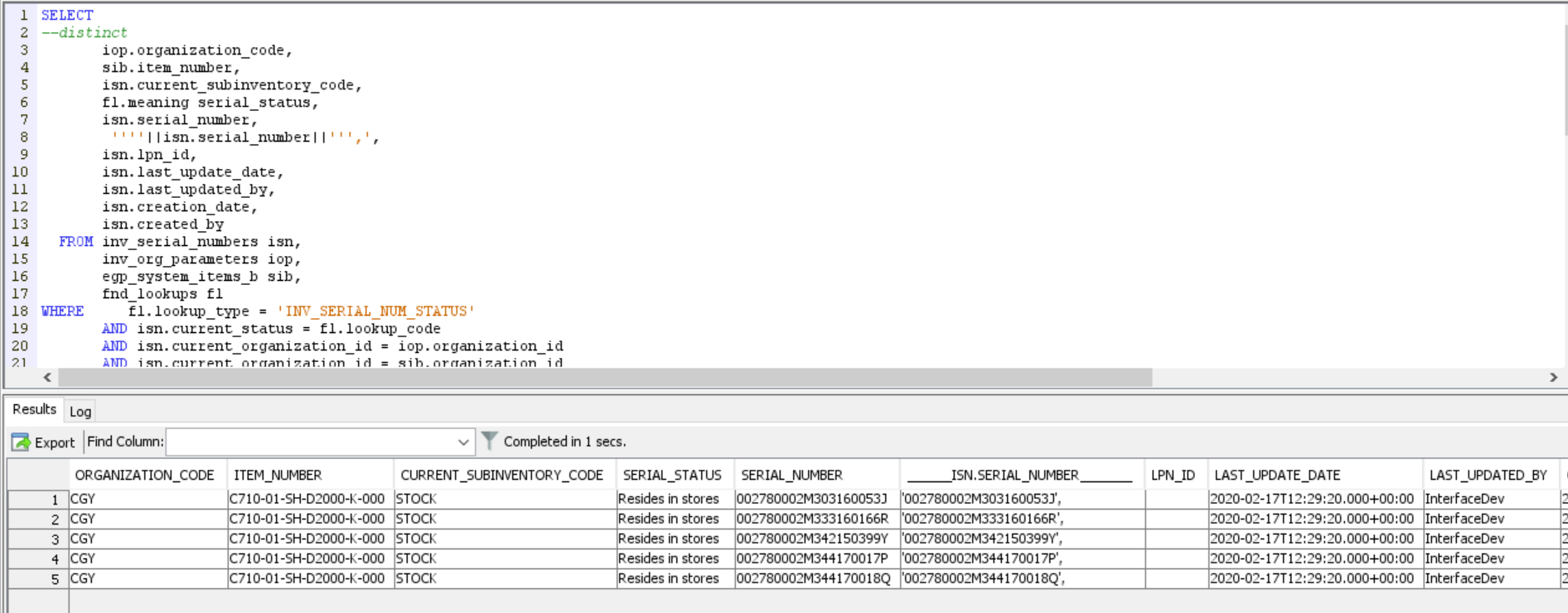


**CLICK OK BUTTON**



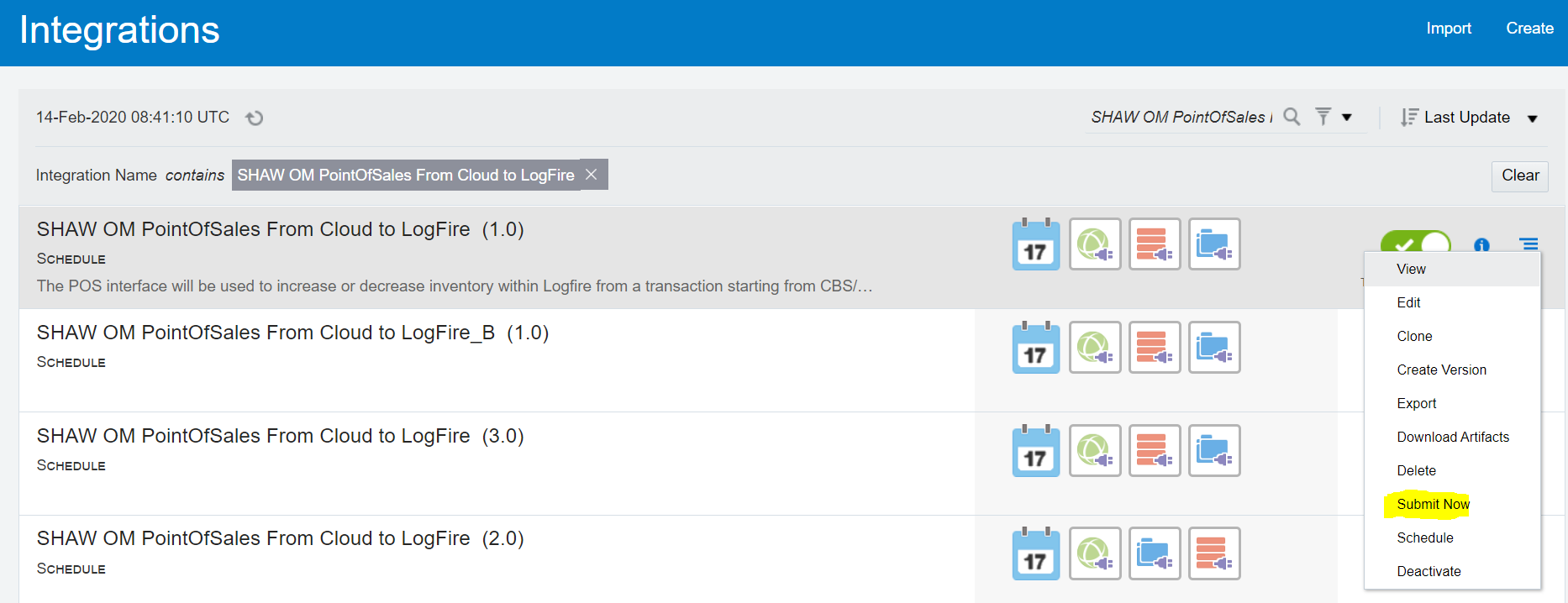
**Click Submit button**

**Check the Status of serial numbers in ERP**



Now , the serial numbers are received in ERP

Run the integration “SHAW OM PointOfSales From Cloud to LogFire”

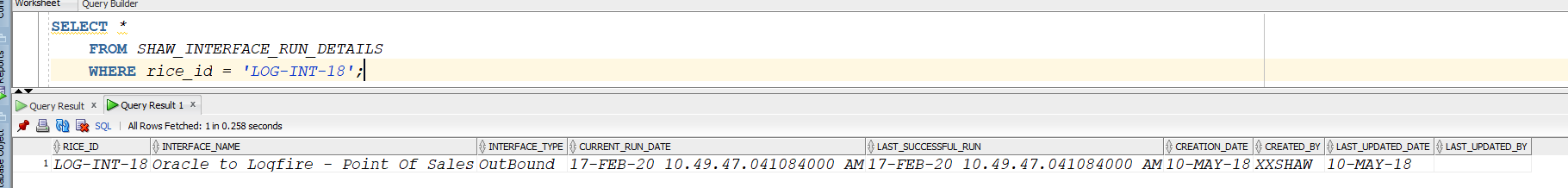


Run the below query to get Current\_Run\_Date and Last\_Successful\_Run

SELECT \*

FROM SHAW\_INTERFACE\_RUN\_DETAILS

WHERE rice\_id = 'LOG-INT-18';



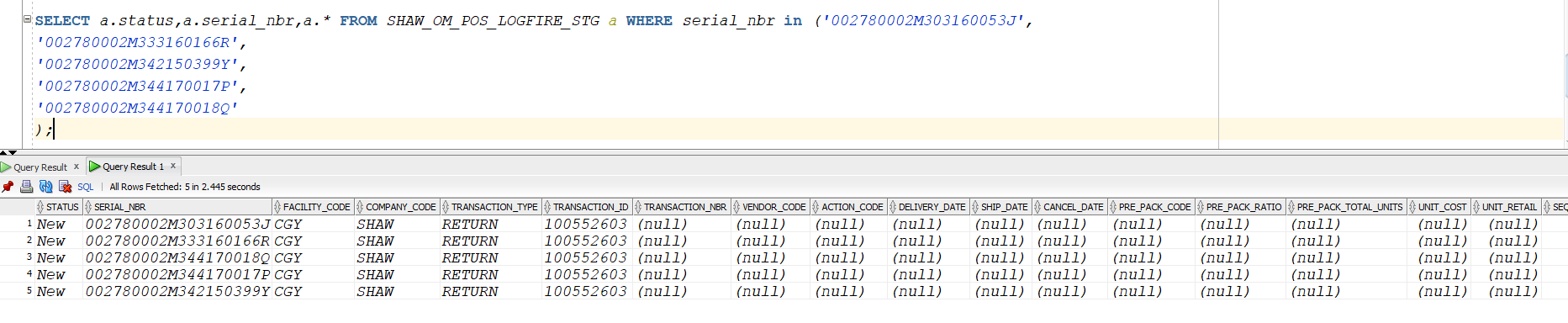
SELECT a.status,a.\* FROM SHAW\_OM\_POS\_LOGFIRE\_STG a WHERE serial\_nbr in ('002780002M303160053J',

'002780002M333160166R',

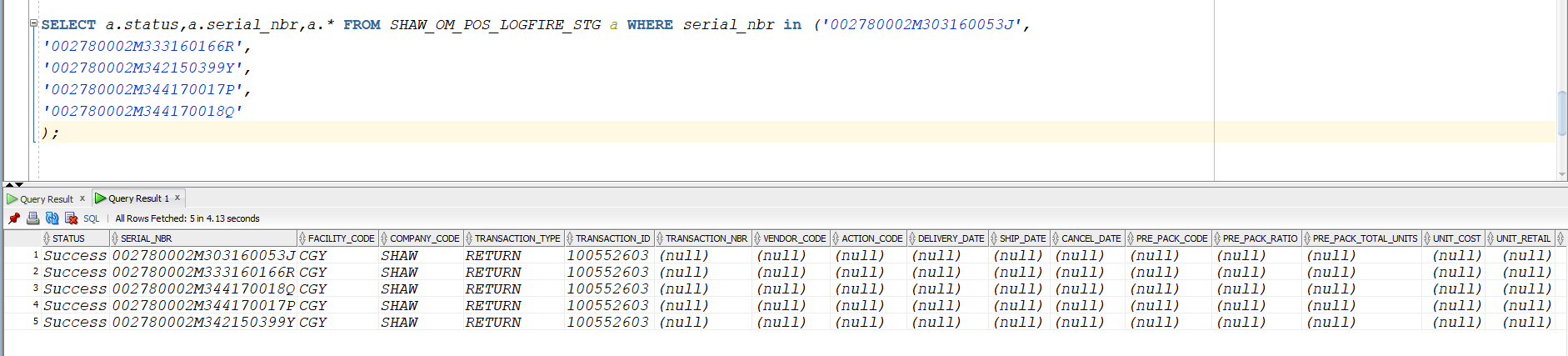
'002780002M342150399Y',

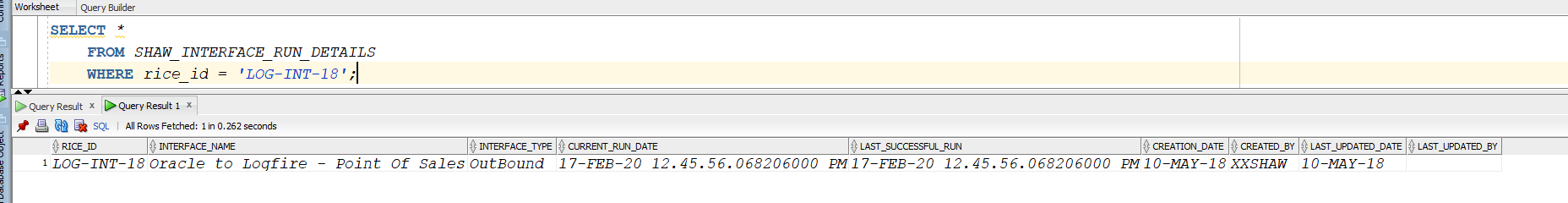
'002780002M344170017P',

'002780002M344170018Q');



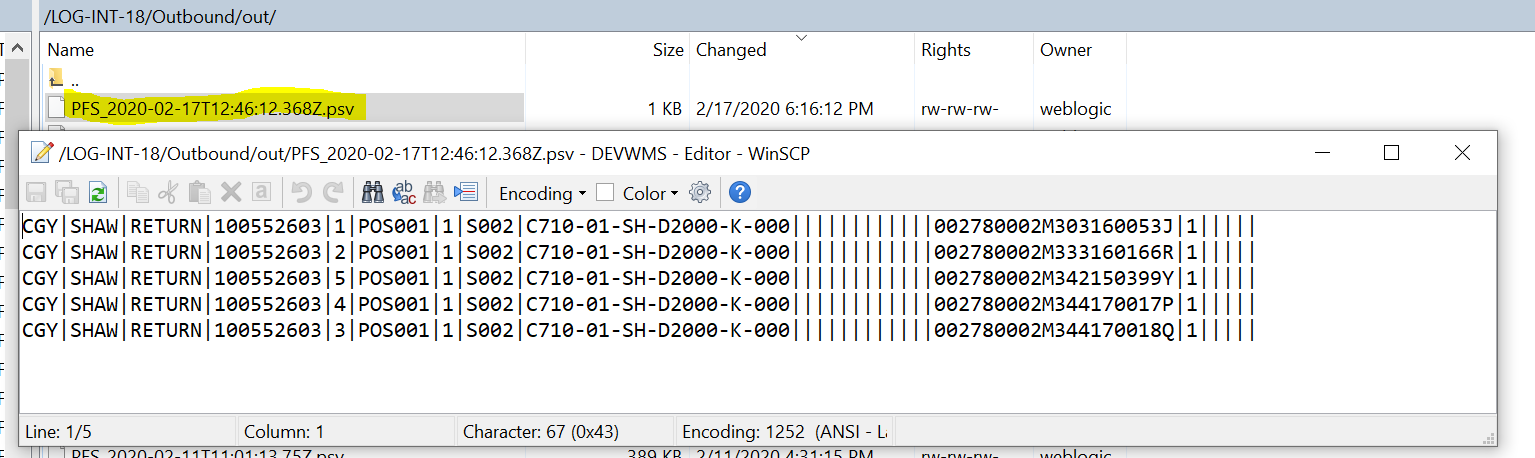
The records got inserted in SHAW\_OM\_POS\_LOGFIRE\_STG

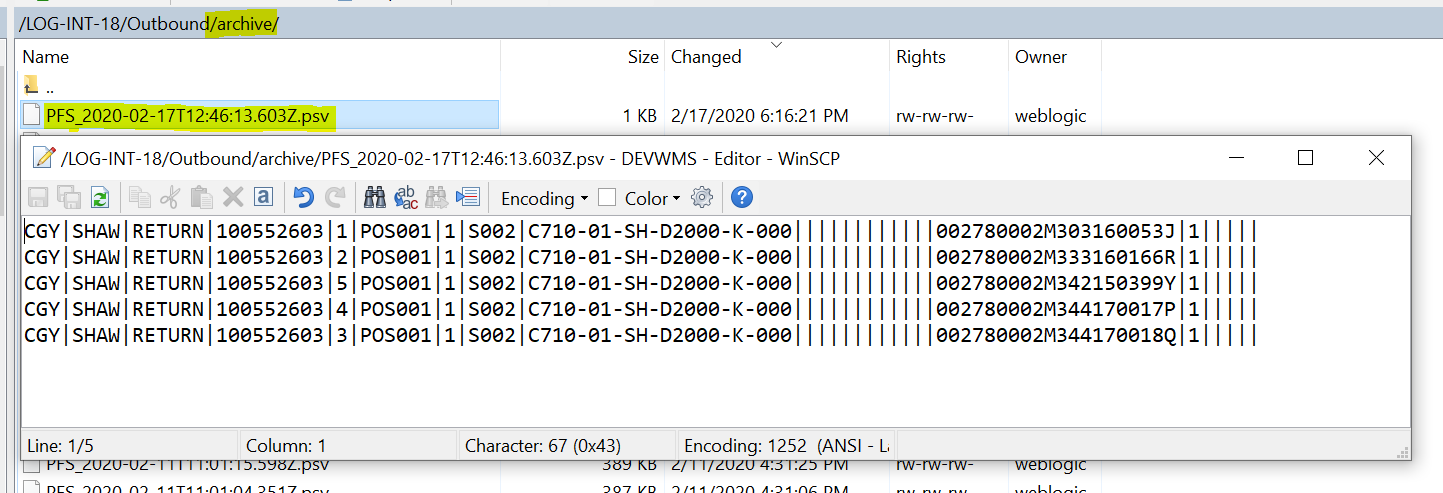
The Records got Processed



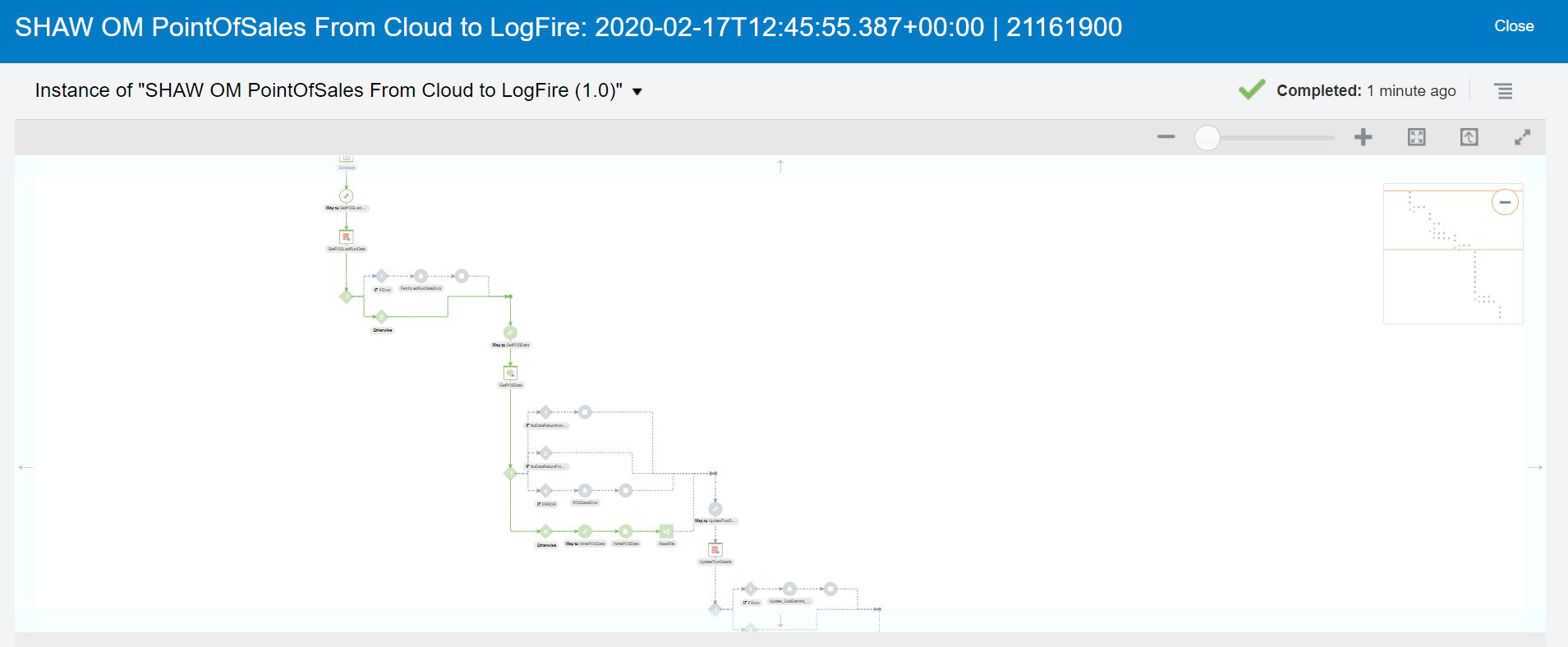
Current\_Run\_Date and Last\_Successful\_Run has been updated.

File is created in Out and Archive folder in FTP Server





Tracking in ICS



**4 TEST CASES FOR LAST SUCCESSFUL RUN DATE**

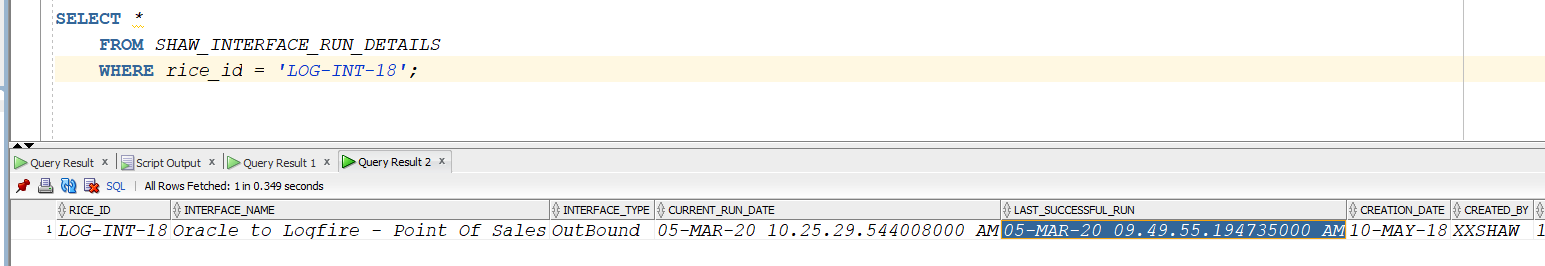
|  |  |  |  |
| --- | --- | --- | --- |
| **Case** | **Systimestamp** | **Current\_Run\_Date** | **Last\_successful\_run\_date** |
| **New/Reprocessed** | **5thMarch 10am** | **5thMarch 10am** | **5thMarch 10am** |
| **New** | **5th March 10.30am** | **5th March 10.30am** | **5th March 10.30am** |
| **Reprocessed** | **5th March 11am** | **5th March 11am** | **5th March 10.30am** |
| **New** | **5th March  11.30am** | **5th March  11.30am** | **5th March  11.30am** |

**1ST Scenario**

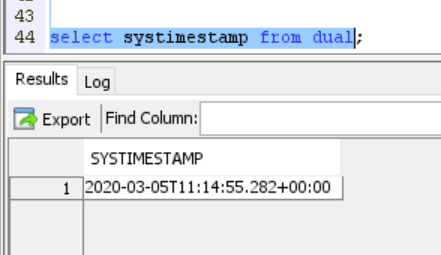
One record reprocessed to ‘New’ from staging.

2 records will be inserted from last successful run date to current rundate.

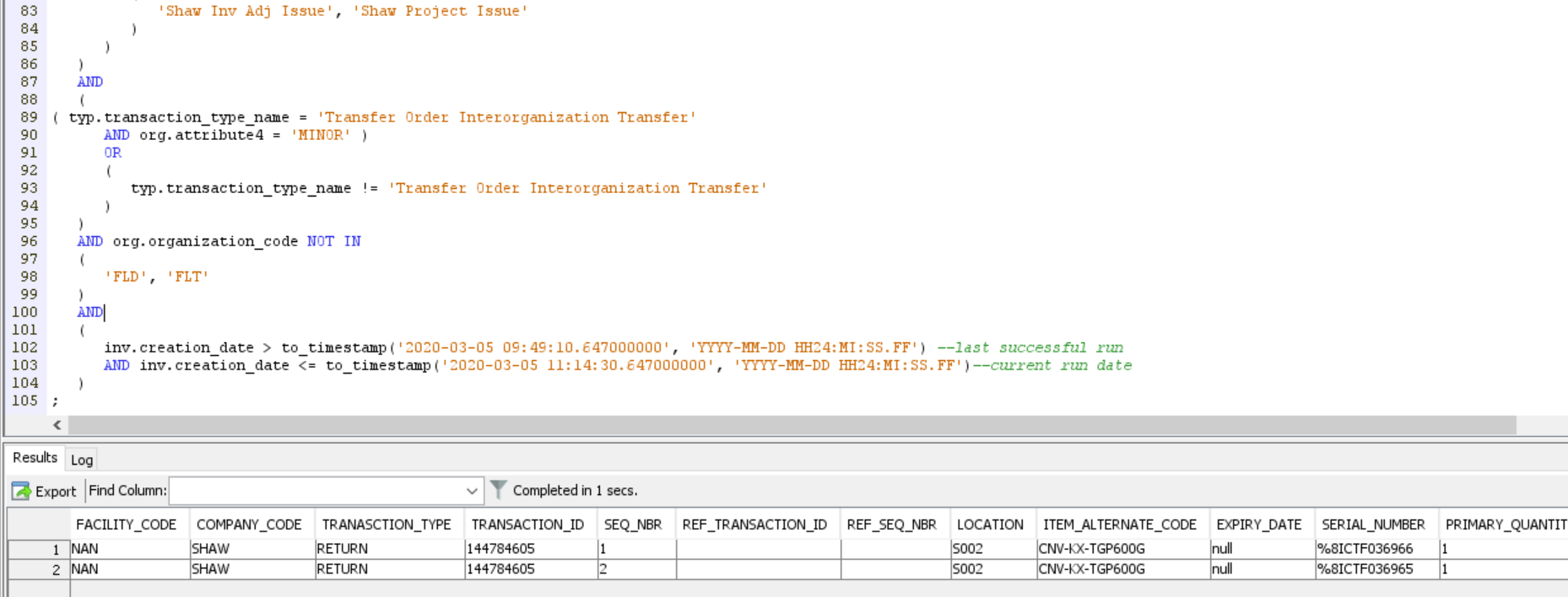
**LAST\_SUCCESSFUL\_RUN\_DATE**



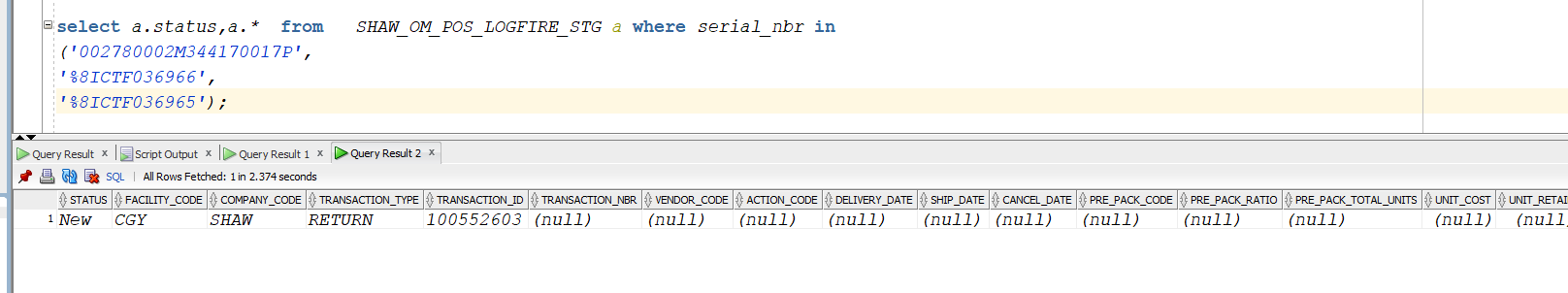
**CURRENT\_RUN\_DATE**



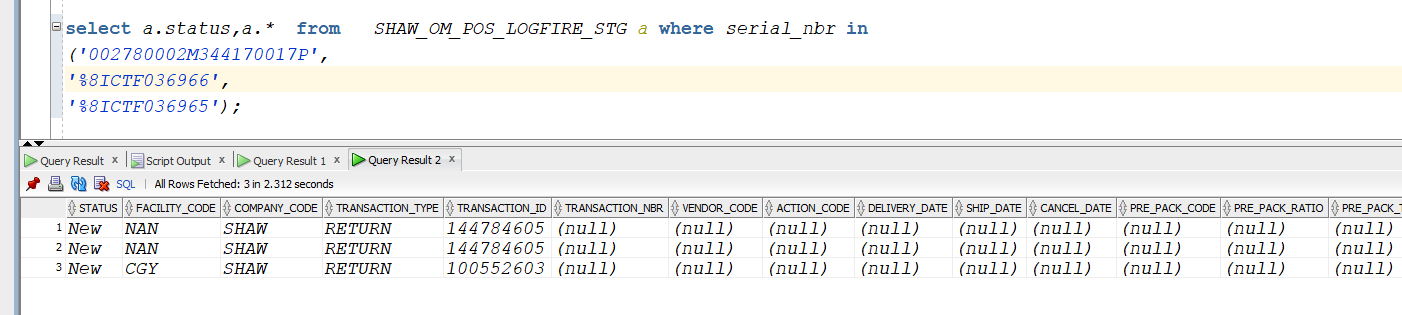
**DATA WHICH WILL BE FETCHED FROM ERP QUERY THROUGH WEB SERVICE CALL IN ICS**



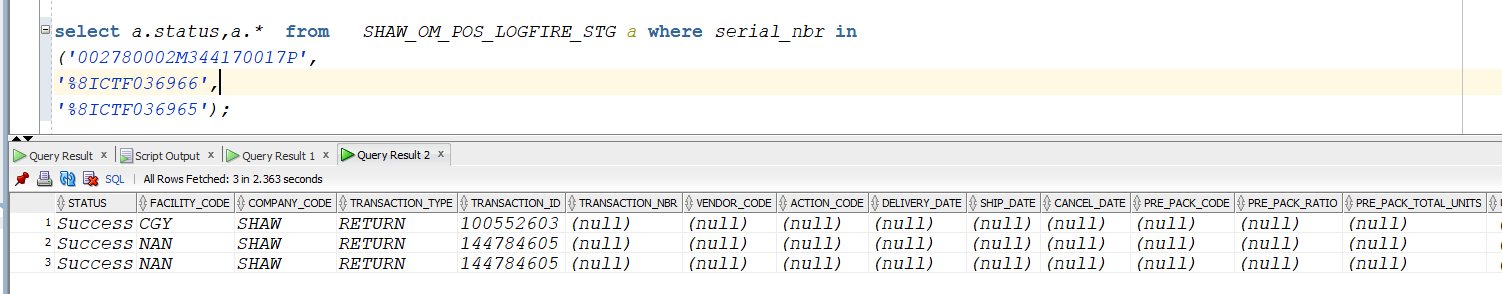
**REPROCESSED RECORD**

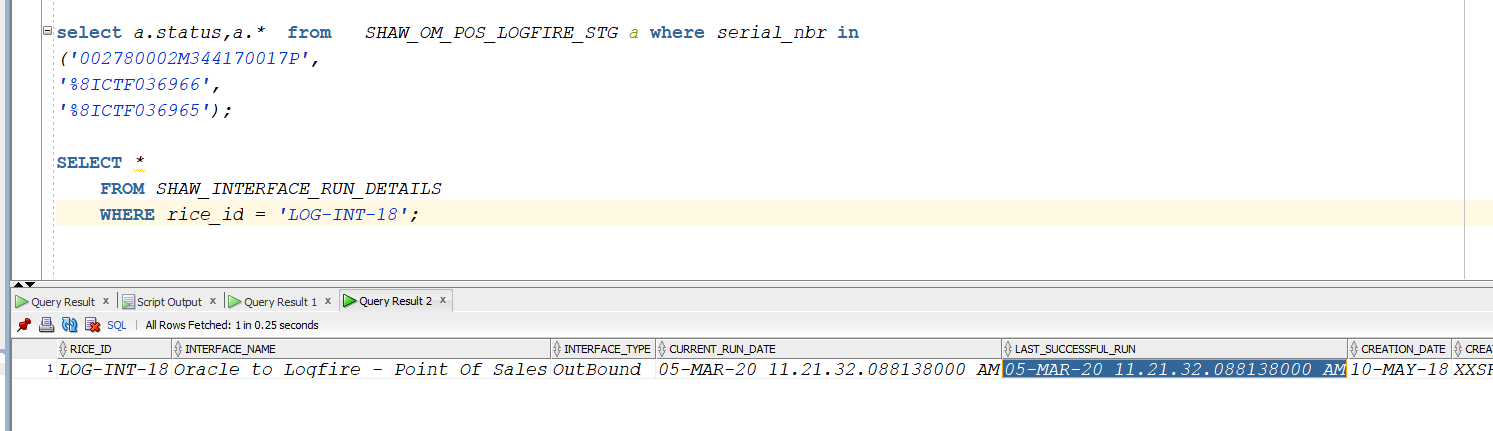


**SUBMIT INTEGRATION**

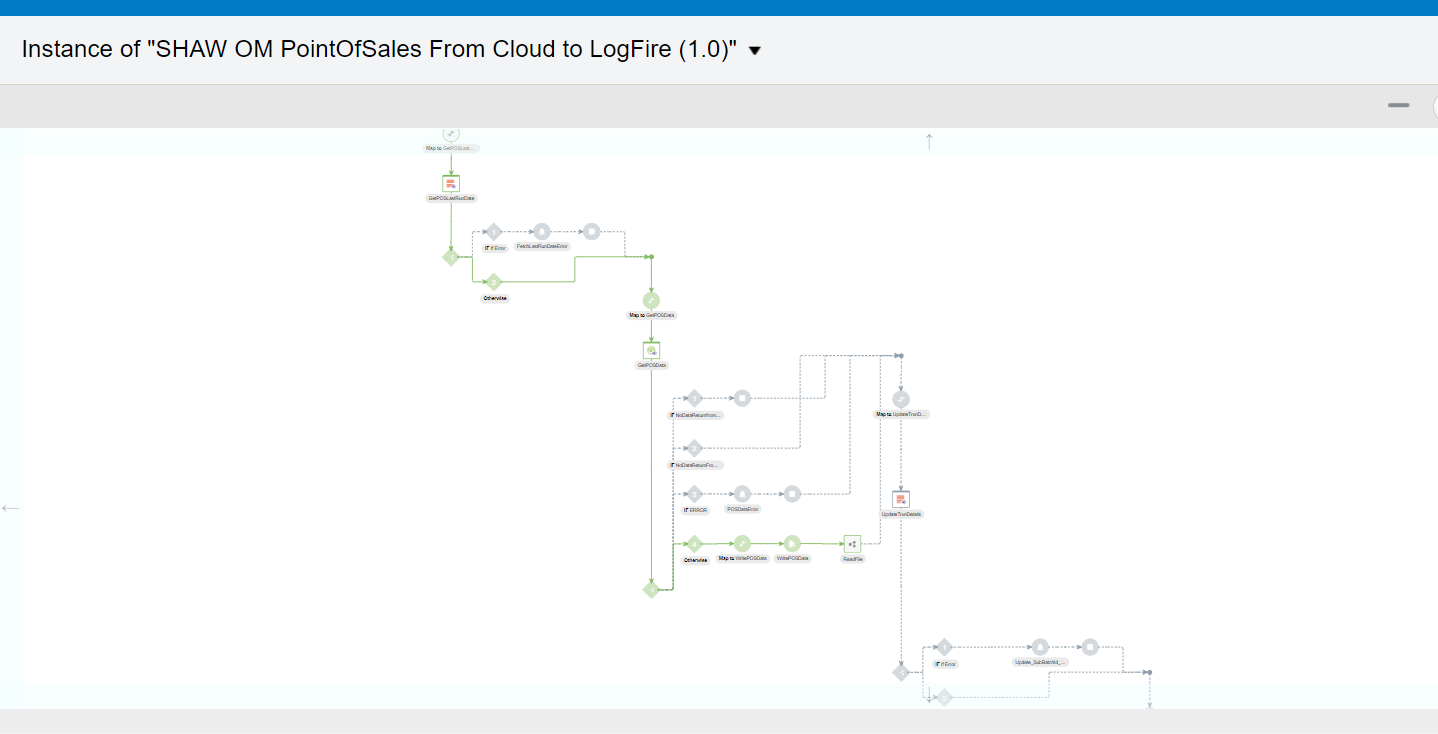


**RECORDS GOT PROCESSED**





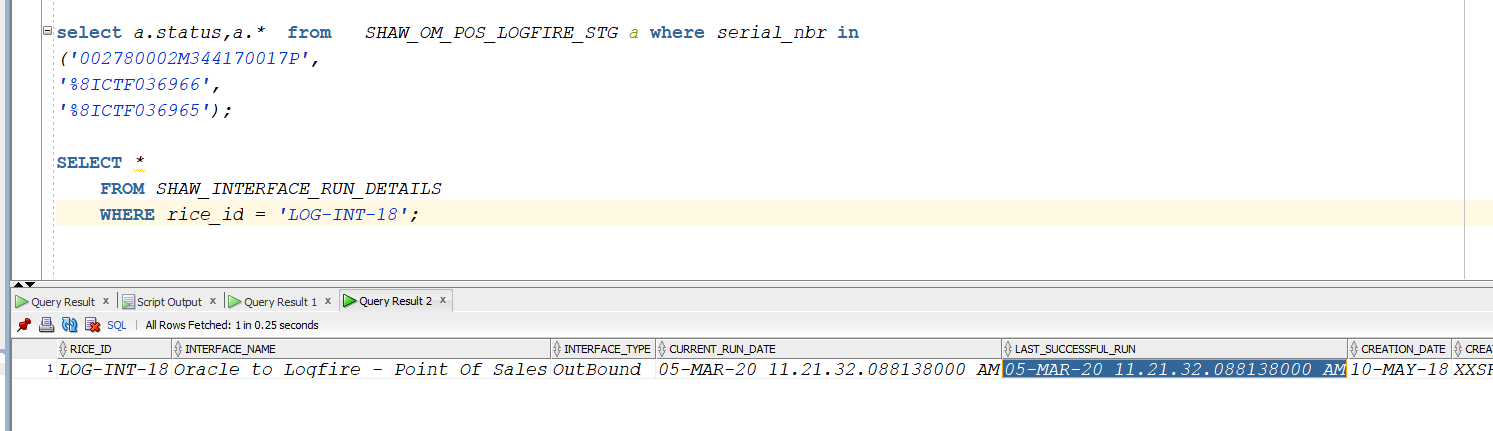
TRACKING IN ICS



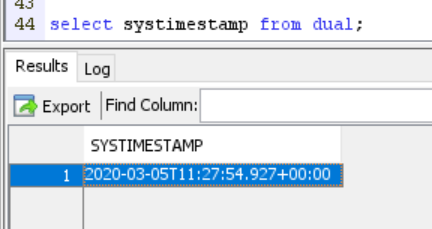
**2nd Scenario**

Two records will be inserted from last successful run date to current run date

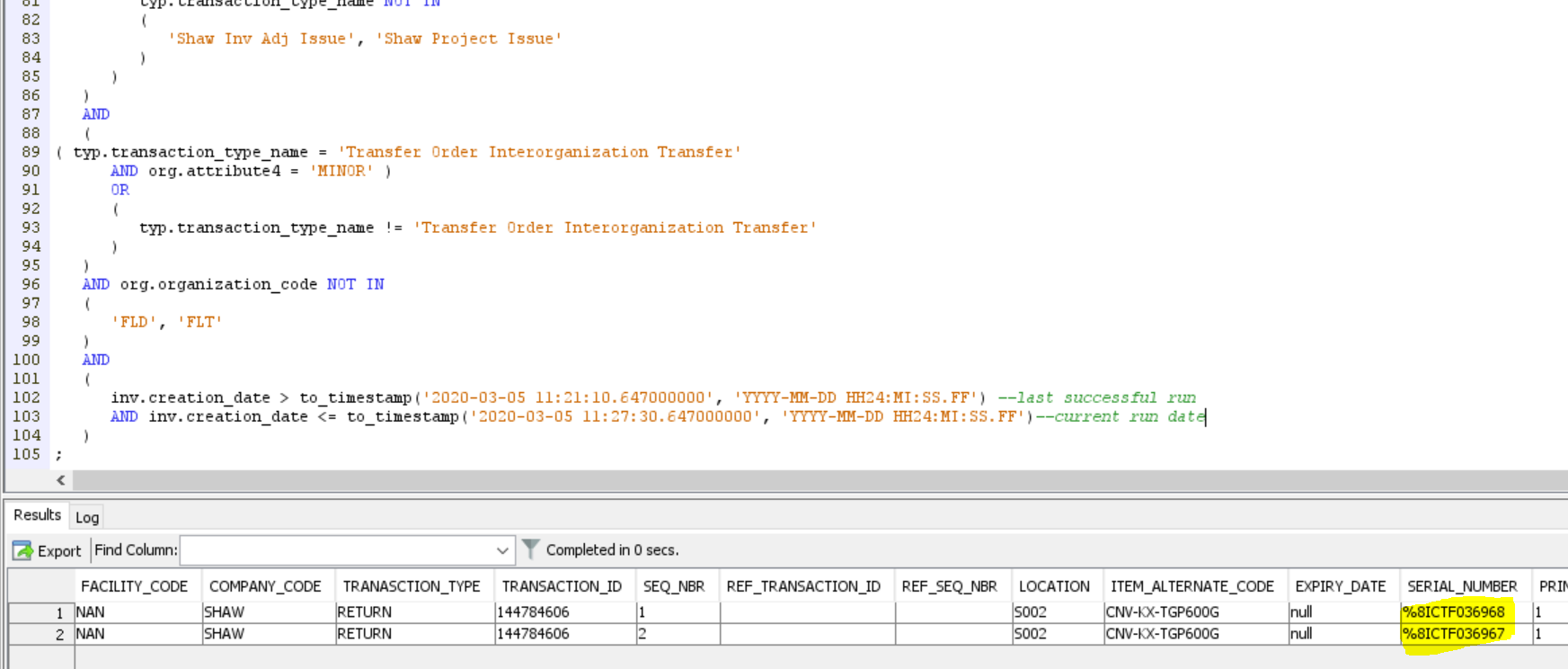
**LAST\_SUCCESSFUL\_RUN\_DATE**

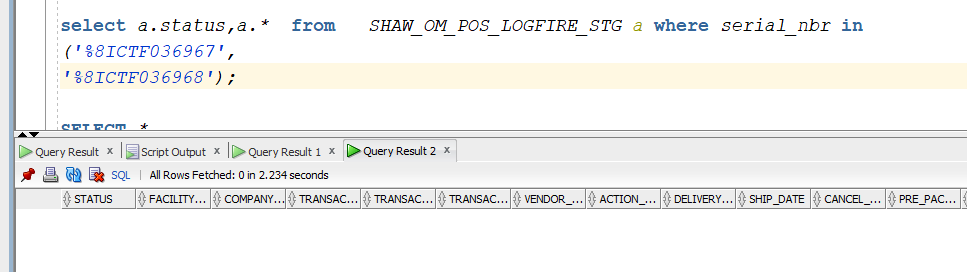


**CURRENT\_RUN\_DATE**

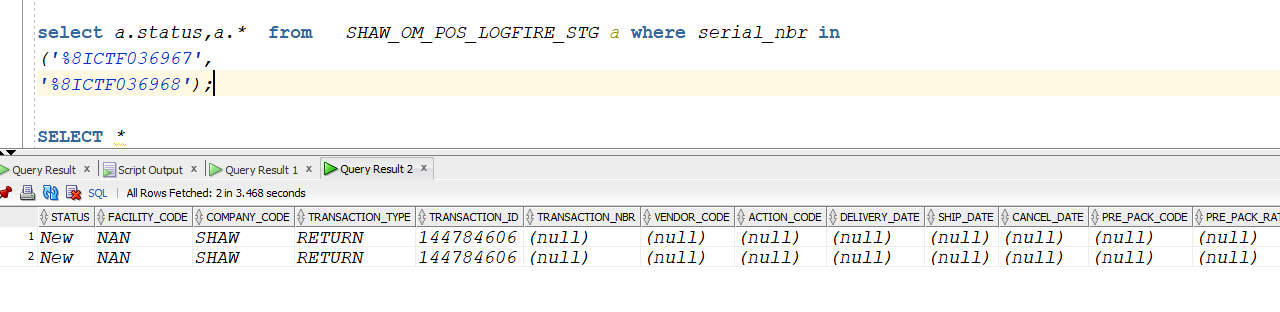


**DATA WHICH WILL BE FETCHED FROM ERP QUERY THROUGH WEB SERVICE CALL IN ICS**

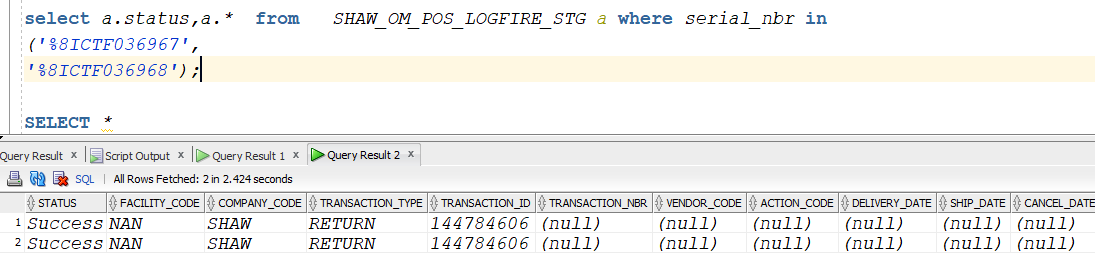


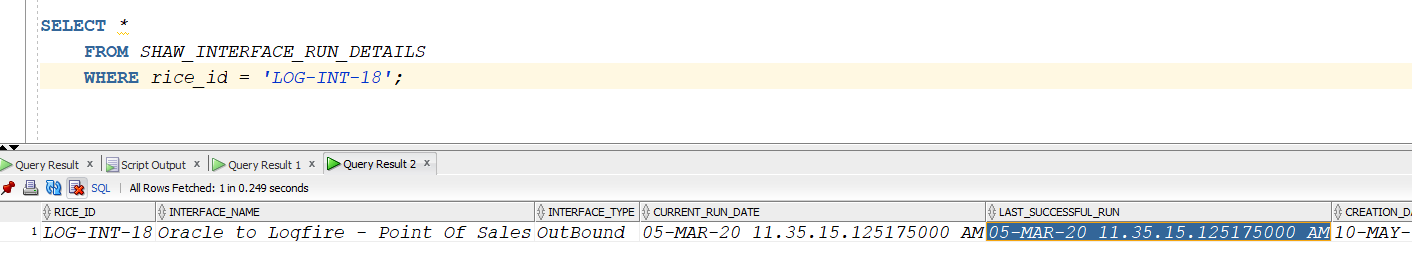


**SUBMIT INTEGRATION**

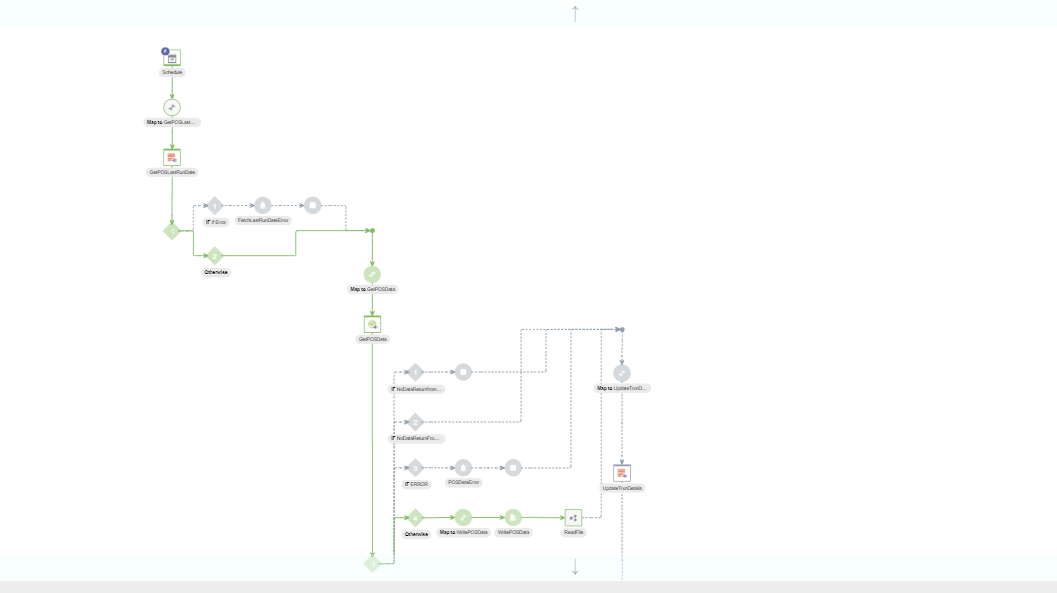


**RECORDS GOT PROCESSED**



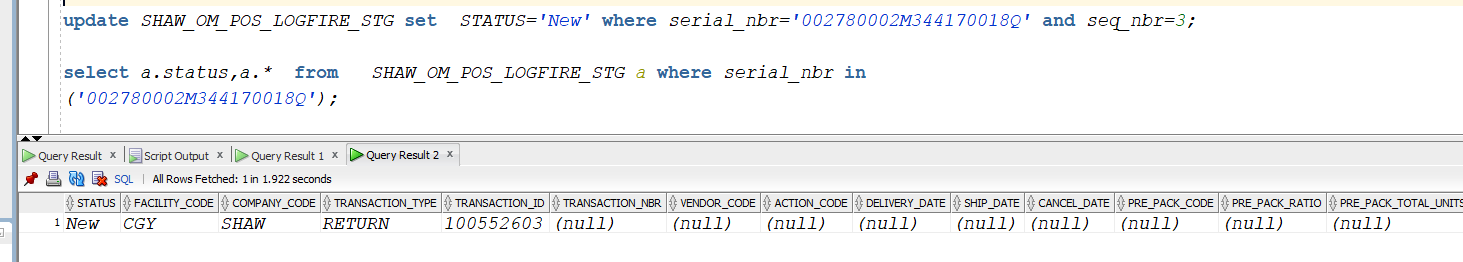


**TRACKING IN ICS**

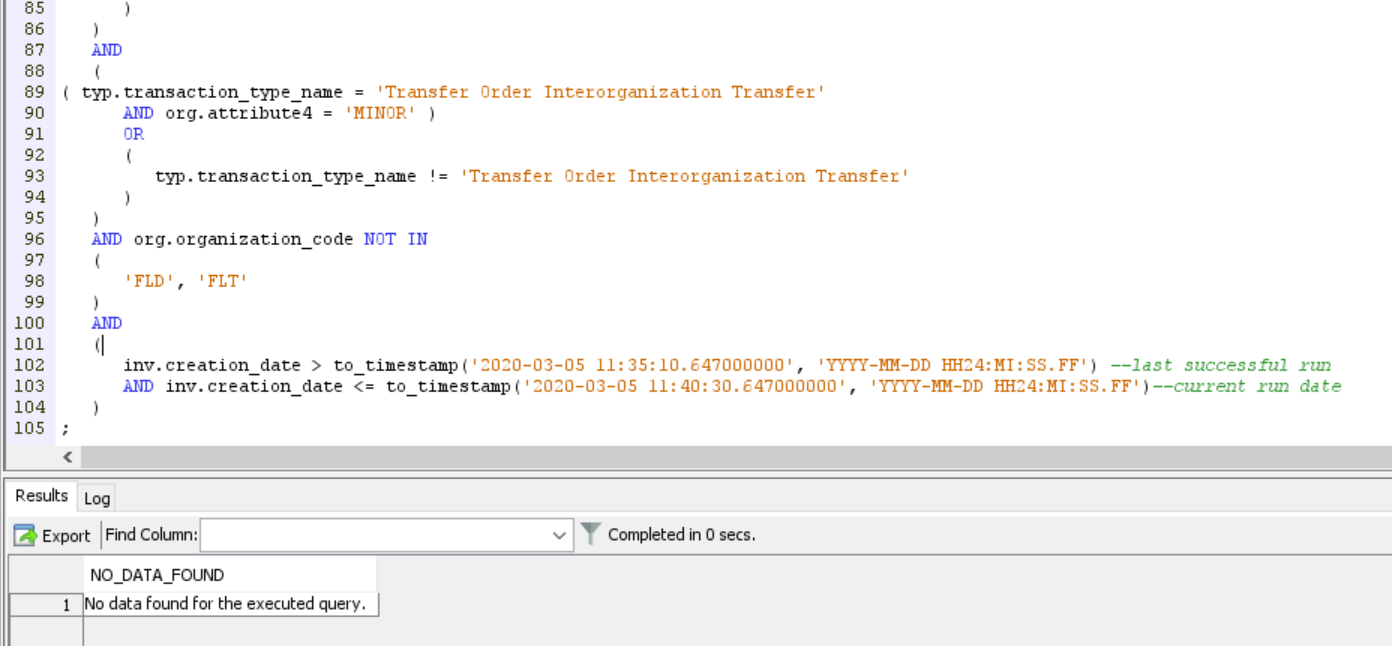


**3rd Scenario**

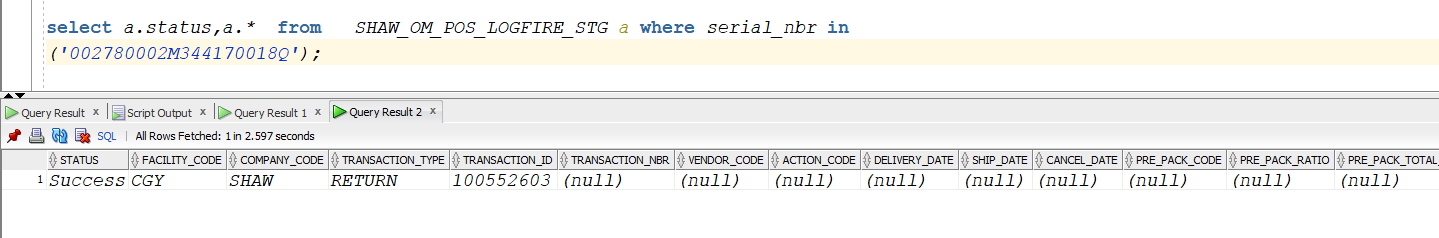
**ONLY REPROCESSED RECORDS**

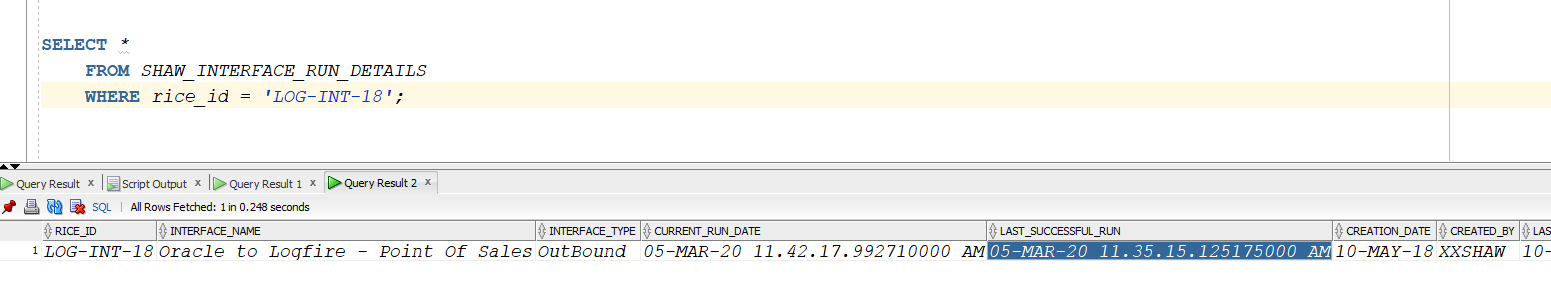


**NO DATA WHICH WILL BE FETCHED FROM ERP QUERY THROUGH WEB SERVICE IN ICS**

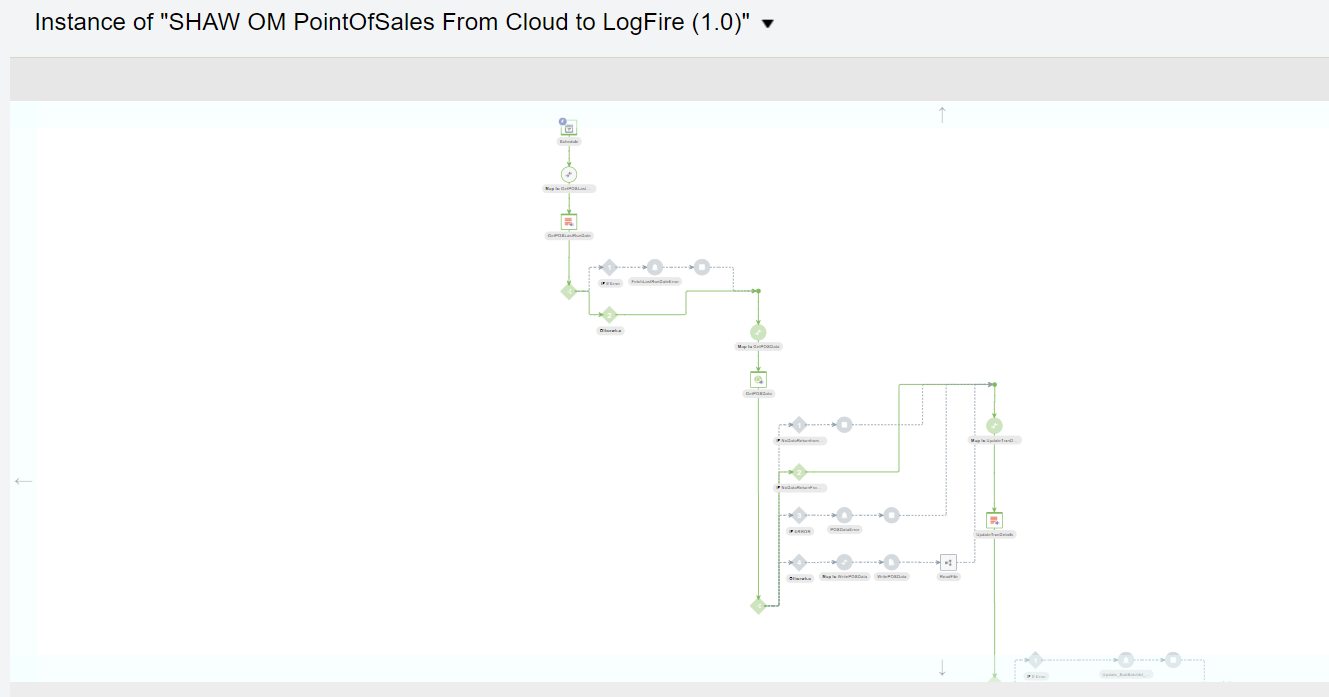


**SUBMIT INTEGRATION**



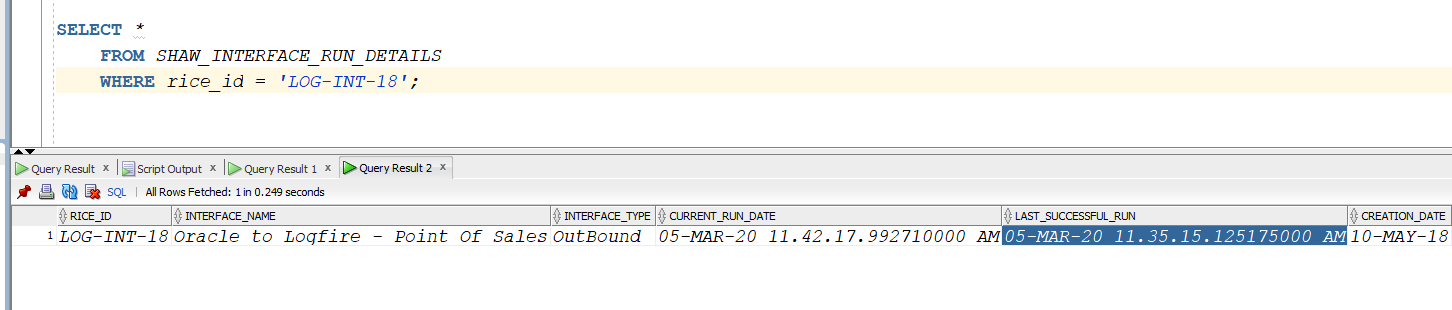


**LAST\_SUCCESSFULL\_RUN\_DATE NOT UPDATED**

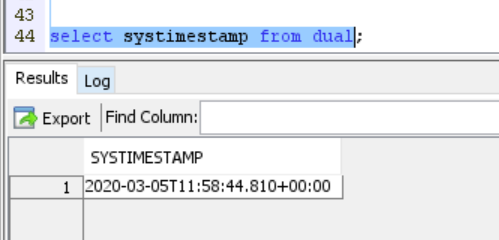


4) **ONLY NEW RECORDS**

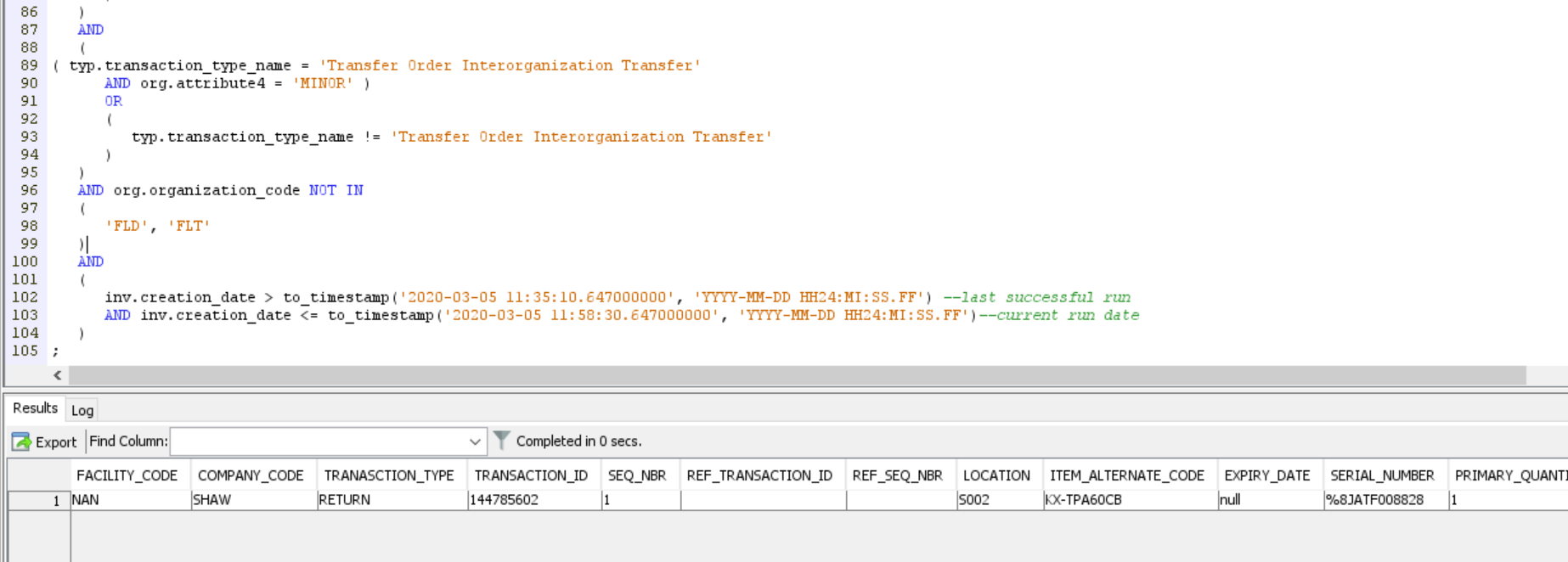
**LAST\_SUCCESSFUL\_RUN**

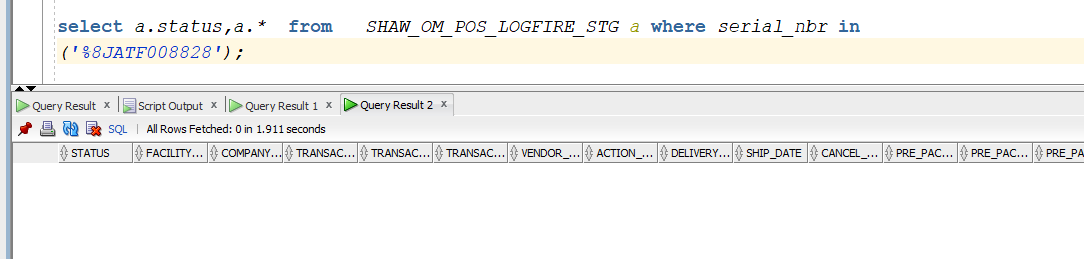


**CURRENT\_RUN\_DATE**

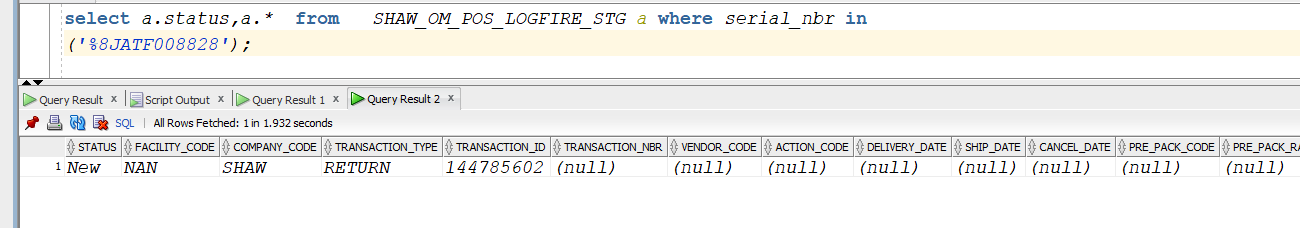


**DATA WHICH WILL BE FETCHED FROM ERP QUERY THROUGH WEB SERVICE IN ICS**

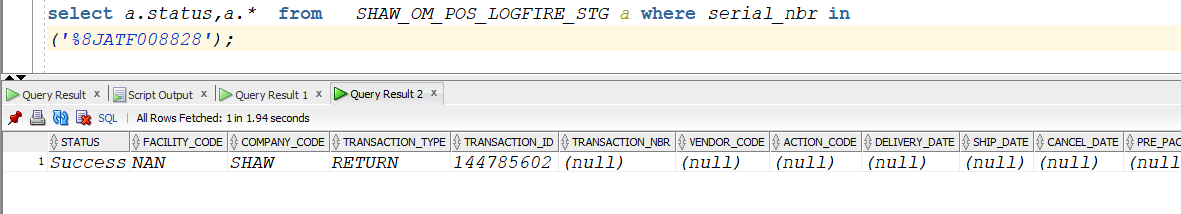


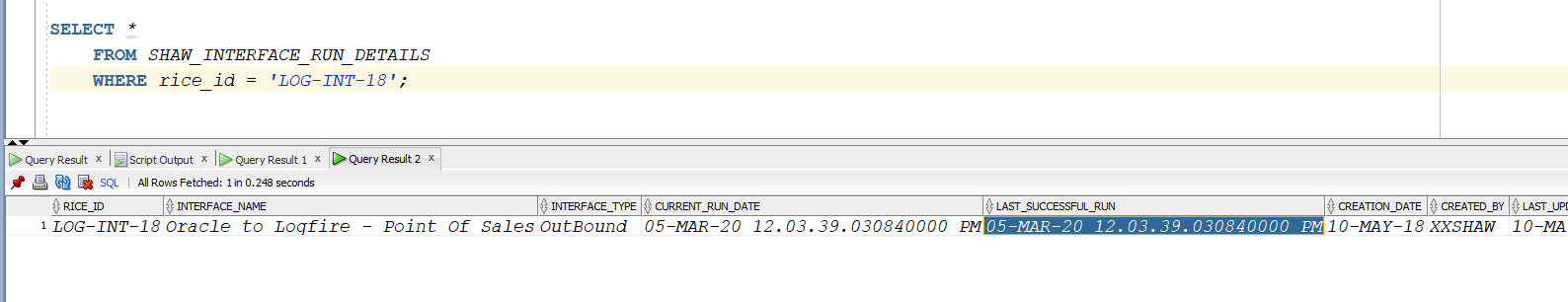


**SUBMIT INTEGRATION**



**RECORDS GOT PROCESSED**





**TRACKING IN ICS**

