



# B&DCS

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### ISSN and SSN Table dividing modifications.

We have been battling speed issues for years with the ISSN and SSN tables we need to find other ways to improve system performances.

I also want to take the opportunity to organise the columns such that any CRUD screen shows the most important columns on screen i.e. 1<sup>st</sup> left side columns.

1. Split the current ISSN table into 2 new tables where:

ISSN\_DX - holds all ISSN records with Status = 'DX'  
ISSN\_OTHER - holds all other ISSN Status records.

Looking at APCD's data on Barcode7 approximately 73% of the current ISSN records would be stored in ISSN\_DX.

I will add new Menu Option = DESPATCHED ISSN's and uses ISSN\_DX table.

We will need to retain a VIEW of the current ISSN table so that existing Reporting tools (at APCD and Bluescope) can still run.

2. Split the SSN table into multiple SSN\_???? Tables such that we can reduce the overall number of columns in each and better suit each site.

I am basing these modifications on Pinpoint, Bluescope, APCD and Alstom data.

But we have a challenge with STATUS\_SSN where approximately 73% of records (apcd) will also have 'DX' status - how do we best divide the SSN up?

Do we have some tables in two parts like the above i.e. SSN\_DX and SSN\_OTHER i.e. 'DX' records in 1 and all other STATUS\_SSN in another?

The main Minder Warehouse SSN screen would be based on using data from the following new tables:

SSN\_DESC - Holds mostly static Description details  
SSN\_LEGACY – Holds data to/from Legacy Systems  
SSN\_GRN - Holds how we received SSN  
SSN\_LOCN – all Location details  
SSN\_STATUS – all Status details  
SSN\_OTHER – All User defined OTHER fields  
SSN\_DIMS – Dimensions and UOM's  
SSN\_IMAGES – All images  
SSN\_MUSEUM – ALL Museum details (many new fields here)  
SSN\_FINANCE – Financial details  
SSN\_DEPRECN – Depreciation details  
SSN\_DISPOSE – Disposal details  
SSN\_TEST – Safety Testing, Calibration and Inspection details  
SSN\_LOAN – Loan Details

Please note each table has same set up with following whereby the SSN\_XXXXX = Table Name i.e. the SSN\_DESC table has....

**SSN\_DESC\_LAST\_UPDTD\_BY**  
**SSN\_DESC\_LAST\_UPDTD\_DATE**  
**SSN\_DESC\_LAST\_UPDTD\_DEVICE**

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**TABLE = SSN\_DESC** - used to hold mostly static description details, has following columns:

**\*SSN\_ID**  
**SSN\_DESCRIPTION** - populated by current triggers  
**PROD\_ID** -> **SSN\_PROD\_ID**  
**SSN\_TYPE**  
**GENERIC** -> **SSN\_TYPE2** so that it's clearer to Users  
**SSN\_SUB\_TYPE** -> **SSN\_TYPE3** so that it's clearer to Users  
**BRAND** -> **SSN\_BRAND**  
**MODEL** -> **SSN\_MODEL**  
**SERIAL\_NUMBER** -> **SSN\_SERIAL\_NO**  
**SSN\_COLOUR**    **CODE** - New Field reqd for Museum Objects - Use OPTIONS for dropdown list  
**WARRANTY\_EXPIRY\_DATE** -> **SSN\_WARRANTY\_EXPIRY\_DATE**  
- This used by both Assets and APCD sales. Once it is entered it remains for life of SSN hence is static.  
**SSN\_DESC\_LAST\_UPDTD\_BY**  
**SSN\_DESC\_LAST\_UPDTD\_DATE**  
**SSN\_DESC\_LAST\_UPDTD\_DEVICE**

**TABLE = SSN\_LEGACY** – used to hold mainly Fixed Asset Register details even though Assets will also of course require the SSN\_DESC

<b>LEGACY_ID</b>	-> <b>SSN_LEGACY_ID</b>
<b>OLD_SSNI_ID</b>	-> <b>SSN_OLD_SSNI_ID</b>
<b>PARENT_SSNI_ID</b>	-> <b>SSN_PARENT_SSNI_ID</b>
<b>ALT_NAME</b>	-> <b>SSN_ALT_NAME</b>
<b>RETICULATION</b>	-> <b>SSN_RETICULATION</b>
<b>VERSION</b>	-> <b>SSN_VERSION</b>
<b>VERSION_DATE</b>	-> <b>SSN_VERSION_DATE</b>
<b>PRODUCT</b>	-> <b>SSN_EXT_PROD_ID</b>
	- External Supplier's Product Code
<b>LICENCE_NUMBER</b>	-> <b>SSN_LICENCE_NO</b>
<b>PDF_DESCRIPTION</b>	-> <b>SSN_PDF_DESCR</b>
	- Prefer to move into SSN_MUSEUM table if not being used by non-museum sites.
<b>NOTES</b>	-> <b>SSN_NOTES</b>
<b>SSN_GROUP</b>	 <b>not sure what we use this for and maybe better in another SSN_ Table??</b>
<b>SSN_LEGACY_LAST_UPDTD_BY</b>	
<b>SSN_LEGACY_LAST_UPDTD_DATE</b>	
<b>SSN_LEGACY_LAST_UPDTD_DEVICE</b>	

**TABLE = SSN\_GRN** - How the Object (SSN) was delivered to the Warehouse and has the following fields (again can we prefix all field names with SSN\_?):

\***SSN\_ID**  
**GRN** -> **SSN\_GRN**  
**ORIGINAL\_QTY** -> **SSN\_ORIGINAL\_QTY**  
**SSN\_ORIGINAL\_QTY\_F**  
    - not sure what this is used for??  
**PO\_ORDER** -> **SSN\_PO\_ORDER**  
**PO\_LINE** -> **SSN\_PO\_LINE**  
**SUPPLIER\_ID** -> **SSN\_SUPPLIER\_ID**  
**PO\_RECEIVE\_DATE** -> **SSN\_PO\_RECVD\_DATE**  
    - we should remove duplication with PURCHASE\_DATE?  
**LOT\_BATCH\_NO** -> **SSN\_LOT\_BATCH\_NO**  
**USE\_BY\_DATE** -> **SSN\_USE\_BY\_DATE**  
**SSN\_BEST\_BEFORE\_DATE** - New Field  
**CREATE\_DATE** -> **SSN\_CREATE\_DATE** Not sure if this should be here  
**CREATED\_BY** -> **SSN\_CREATED\_BY**  
**SSN\_GRN\_LAST\_UPDTD\_BY**  
**SSN\_GRN\_LAST\_UPDTD\_DATE**  
**SSN\_GRN\_LAST\_UPDTD\_DEVICE**

**TABLE = SSN\_LOCN**

This Table is designed to hold all SSN Location properties where it has the following fields (again can we prefix all field names with SSN\_?):

<b>*SSN_ID</b>	
<b>WH_ID</b>	-> SSN_WH_ID
<b>LOCN_ID</b>	-> SSN_LOCN_ID
<b>INTO_DATE</b>	-> SSN_INTO_DATE
<b>CURRENT_QTY</b>	-> SSN_CURRENT_QTY
	- I agree this may not seem obvious in this table but where else?
<b>PREV_WH_ID</b>	-> SSN_PREV_WH_ID
<b>PREV_LOCN_ID</b>	-> SSN_PREV_LOCN_ID
<b>DT_PREV_INTO</b>	-> SSN_DT_PREV_INTO
<b>PREV_LOCN_DATE</b>	-> SSN_PREV_LOCN_DATE
	- is this duplication of DT_PREV_INTO?
<b>PARENT_LOCN_ID</b>	-> SSN_PARENT_LOCN_ID
<b>HOME_LOCN_ID</b>	-> SSN_HOME_LOCN_ID
<b>IP_ADDRESS</b>	-> SSN_IP_ADDRESS
	- Make sure it holds IPV6?
<b>AUDITED</b>	-> SSN_AUDITED
<b>AUDITED_DATE</b>	-> SSN_AUDITED_DATE
<b>AUDIT_RECOUNT_QTY</b>	-> SSN_AUDIT_RECOUNT_QTY
<b>AUDIT_RECOUNT_DATE</b>	-> SSN_AUDIT_RECOUNT_DATE
<b>AUDIT_RECOUNT_BY</b>	-> SSN_AUDIT_RECOUNT_BY
<b>LABEL_LOCN</b>	-> SSN_LABEL_LOCN
<b>LABEL_DATE</b>	-> SSN_LABEL_DATE
<b>PRINTED_BY</b>	-> SSN_PRINTED_BY
<b>SSN_LOCN_LAST_UPDTD_BY</b>	
<b>SSN_LOCN_LAST_UPDTD_DATE</b>	
<b>SSN_LOCN_LAST_UPDTD_DEVICE</b>	

**TABLE = SSN\_STATUS**

This table is designed to hold all Status type data including Hazard status and which has the following fields (again can we prefix all field names with SSN\_?):

**\*SSN\_ID**

**STATUS\_SSN** -> **SSN\_STATUS**  
**STATUS\_SSN\_DATE** -> **SSN\_STATUS\_DATE**  
**STATUS\_CODE** -> **SSN\_STATUS\_CODE**  
**STATUS\_CODE\_DATE** -> **SSN\_STATUS\_CODE\_DATE**  
**LOAN\_STATUS** -> **SSN\_LOAN\_STATUS**  
**HAZARD\_STATUS** -> **SSN\_HAZARD\_STATUS**  
**HAZARD\_WARNING** -> **SSN\_HAZARD\_WARNING**

**SSN\_INOPERABLE\_VALUE\_TF** -> New Field for Museum Object - e.g. 'T' = weapon has been made inoperable. I do not wish to mix with OTHER3 fields

**OBJECT\_STATUS** -> **SSN\_OBJECT\_STATUS**

Need to use for Museum reporting where Object is Accessioned (i.e. part of Collection) or DeAccessioned

**SSN\_STATUS\_LAST\_UPDTD\_BY**

**SSN\_STATUS\_LAST\_UPDTD\_DATE**

**SSN\_STATUS\_LAST\_UPDTD\_DEVICE /\* length = 28 characters \*/**

**TABLE = SSN\_OTHER**

Holds all the User defined OTHERx fields and which has the following fields (again can we prefix all field names with SSN\_?):

\***SSN\_ID**

OTHER1	-> SSN_OTHER1
OTHER2	-> SSN_OTHER2
OTHER3	-> SSN_OTHER3
OTHER4	-> SSN_OTHER4
OTHER5	-> SSN_OTHER5
OTHER6	-> SSN_OTHER6
OTHER7	-> SSN_OTHER7
OTHER8	-> SSN_OTHER8
OTHER9	-> SSN_OTHER9
OTHER10	-> SSN_OTHER10
OTHER11	-> SSN_OTHER11
OTHER12	-> SSN_OTHER12
OTHER13	-> SSN_OTHER13
OTHER14	-> SSN_OTHER14
OTHER15_DATE	-> SSN_OTHER15_DATE
OTHER16_DATE	-> SSN_OTHER16_DATE
OTHER17_QTY	-> SSN_OTHER17_QTY
OTHER18_QTY	-> SSN_OTHER18_QTY
OTHER19	-> SSN_OTHER19
OTHER20	-> SSN_OTHER20
SSN_OTHER21_CODE_255	- New
SSN_OTHER22_CODE_8K	- New
SSN_OTHER23_CODE_32K	- New
SSN_OTHER24_NOTES	- New
SSN_OTHER25_NOTES	- New
SSN_OTHER_LAST_UPDTD_BY	
SSN_OTHER_LAST_UPDTD_DATE	
SSN_OTHER_LAST_UPDTD_DEVICE	/* length = 27 characters */

**TABLE = SSN\_DIMS**

Holds dimensions and UoMs and which has the following fields (again can we prefix all field names with SSN\_?):

**\*SSN\_ID**

DIMENSION\_X -> SSN\_DIMENSION\_X

DIMENSION\_Y -> SSN\_DIMENSION\_Y

DIMENSION\_Z -> SSN\_DIMENSION\_Z

DIMENSION\_INNER\_DIA WIDTH (DOUBLE PRECISION) - **new field** required

DIMENSION\_OUTER\_DIA WIDTH (DOUBLE PRECISION) - **new field** required

DIMENSION\_X\_UOM -> **SSN\_DIMENSION\_UOM** and used for all Dimensions?

UOM -> **SSN\_ORDER\_UOM**

- So that it's not confused with PROD\_PROFILE UOM's?

**SSN\_SALE\_UOM**

STORAGE\_UOM -> SSN\_STORAGE\_UOM

NET\_WEIGHT -> SSN\_NET\_WEIGHT

NET\_WEIGHT\_UOM -> SSN\_NET\_WEIGHT\_UOM

SSN\_DIMS\_LAST\_UPDTD\_BY

SSN\_DIMS\_LAST\_UPDTD\_DATE

SSN\_DIMS\_LAST\_UPDTD\_DEVICE /\* length = 26 characters \*/

**TABLE = SSN\_IMAGES**

We do have an Images table but not sure which to use should we convert to using IMAGES table?:

```
*$SN_ID
OBJECT_IMAGE1      -> SSN_OBJECT_IMAGE1
OBJECT_IMAGE2      -> SSN_OBJECT_IMAGE2
OBJECT_IMAGE3      -> SSN_OBJECT_IMAGE3
HAZARD_IMAGE1      -> SSN_HAZARD_IMAGE1
HAZARD_IMAGE2      -> SSN_HAZARD_IMAGE2
HAZARD_IMAGE3      -> SSN_HAZARD_IMAGE3
SSN_IMAGES_LAST_UPDTD_BY
SSN_IMAGES_LAST_UPDTD_DATE
SSN_IMAGES_LAST_UPDTD_DEVICE /* length = 28 characters */
```

**TABLE = SSN\_MUSEUM**

This table is specifically for Museums but I have more fields to be added to suit 4RAR.

**RECORD\_ID** - we should be adding this as standard

**\*SSN\_ID**

**OBJECT\_NAME** current, change to -> **SSN\_OBJECT\_NAME**  
**OBJECT\_NUMBER** current, change to -> **SSN\_OBJECT\_NO**  
**COLLECTION\_TYPE** - VARCHAR(5) -> **SSN\_COLLECTION\_TYPE** - Uses OPTIONS  
**COLLECTION\_NAME** current, change to -> **SSN\_COLLECTION\_NAME**  
**FILE\_NUMBER** current, change to-> **SSN\_FILE\_NO** (shorten NUMBER to NO)  
**ACCESSION** - VARCHAR ( 80 ) current, change to -> **SSN\_ACCESSION**.  
- Used to hold Catalogue no. or Accession no.

**SSN\_ACQUISITION\_METHOD\_CODE** - We will use dropdown from OPTIONS e.g.  
'DONATED', 'Purchased at Auction', 'Swapped'.

**SSN\_ACQUISITION\_APPRVD\_BY\_PERSON** - Museum Staff who approved acquisition  
**SSN\_ACQUISITION\_APPRVD\_DATE**

**SSN\_ACQUISITION\_ACCEPTED\_VALUE\_FT (DEFAULT ='T')** - If = 'T' and

**SSN\_ACQUISITION\_METHOD\_CODE\_TWO** – 'DN' = 'DONATED' then must send  
Acknowledgement otherwise send Refusal Letter

**SSN\_ACCEPT\_REFUSE\_NOTES\_NOTES** - Records details of Letter sent accepting or  
refusing Acquisition

**SSN\_ACCEPTED\_REASON\_CODE\_CODE\_TWO** – 'PC' = Permanent Collection, 'LC' =  
Loan Collection, 'EC' = Education Collection – use OPTIONS

**SSN\_ACCEPTED\_REFUSED\_SENT\_TIMESTAMP**

**SSN\_SIGNIFICANCE\_CODE\_CODE\_TWO** – 'AS' = Aesthetic, 'HI' = Historical  
Importance, others maybe 'SO' =Social, 'HT' =Historical Technical, 'RS'= Research,  
Representativeness, Rarity value - Use OPTIONS table.

**SSN\_SIGNIFICANCE\_NOTES\_COMMENTS**

**SSN\_SOURCE\_ID\_PERSON** - This may be different to the **GRN.SUPPLIER\_ID** i.e. a  
Donor and with details in PERSON\_ADDRESS table.

**SSN\_SOURCE\_SIGNATURE\_VALUE\_TF** - Used for Gifts and where Donor's signature is  
required approving their donation. 'F' means they do not have signature.

**SSN\_PREV\_OWNER\_COMMENTS** – Used to record where Object acquired from and  
relationship to Museum i.e. 'George Smith, Deceased Estate. John Smith, son has  
donated to Museum.'

**SSN\_RELEVANCE\_PERIOD\_CODE** - e.g. '< 1898', '1939 - 1945'...  
- We will use dropdown from OPTIONS table

**SSN\_MADE\_BY\_ORIGIN\_CODE** - e.g. 'Rhine Region, Germany', 'Vietnam' – Museum  
may not know manufacturer.

**SSN\_MADE\_BY\_CODE** - Manufacturer, Artist, Photographer, Author - This is not same  
as BRAND. Maybe a letter, painting, photograph, book, technical publication..

**SSN\_MADE\_BY\_MARKINGS\_CODE** - Artist Signature, Maker's Mark/s.

**SSN\_MARKINGS\_LOCATION\_CODE** - Location of Artist Signature, Maker's Mark on  
Object e.g. 'Bottom RH Corner'

**SSN\_MADE\_BY\_PERIOD\_CODE** - e.g. '< 1898', '1939 - 1945' – Not the same as  
Relevance Period. We will use dropdown from OPTIONS

**SSN\_OBJECT\_USED\_AREA\_COMMENTS** - Where was Object used e.g. 'Vietnam War'

**SSN\_HISTORY\_NOTES\_BLOB\_SUB\_TYPE\_TEXT**

**SSN\_HISTORY\_REFERENCES\_COMMENTS**

**SSN\_CONSERVATION\_REPORT\_VALUE\_TF (DEFAULT ='F')**.

Used to report which Objects have not been assessed and reported for conservation.

**SSN\_CONSERVATION\_NOTES\_NOTES\_BLOB\_SUB\_TYPE\_TEXT**

**SSN\_CONSERVATION\_REPORT\_DATE**

**SSN\_CONSERVATION\_NOTES\_BY\_PERSON\_VARCHAR( 10 )**

**SSN\_ASSOCIATED\_ITEMS\_NOTES\_BLOB\_SUB\_TYPE\_TEXT**

**SSN\_DEACCESSIONED\_VALUE\_TF** If Object fails conservation => T, may not yet have been Disposed and will not be part of Museum's Inventory.

**SSN\_DEACCESSIONED\_DATE\_TIMESTAMP**

**SSN\_DEACCESSIONED\_BY**

**SSN\_MUSEUM\_LAST\_UPDTD\_BY**

**SSN\_MUSEUM\_LAST\_UPDTD\_DATE**

**SSN\_MUSEUM\_LAST\_UPDTD\_DEVICE** /\* length = 28 characters \*/

**TABLE = SSN\_FINANCE**

Holds mainly Financial related details and which has the following fields (again can we prefix all field names with SSN\_?):

<b>*SSN_ID</b>	
<b>SSN_SALE_PRICE</b>	
<b>COMPANY_ID</b>	-> SSN_COMPANY_ID
<b>PURCHASE_PRICE</b>	-> SSN_PURCHASE_PRICE
<b>PURCHASE_QTY</b>	-> SSN_PURCHASE_QTY
<b>PURCHASE_DATE</b>	-> SSN_PURCHASE_DATE
<b>ACQUISITION_COST</b>	-> SSN_ACQUISITION_COST. This is used by Depreciation and Museums screens. Includes Freight and other commissioning costs.
<b>SSN_RECEIPT_NO INVOICE_NUMBER - VARCHAR ( 15 )</b>	- <b>new field</b> for Museums when items are purchased without Purchase Orders.
<b>SSN_VALUATION_METHOD_CODE - New Field</b>	required for MUSEUMs and Depreciation
<b>INSURED_VALUE</b>	-> SSN_INSURED_VALUE
<b>SSN_VALUED_BY PERSON</b>	- <b>New Field</b> required for Musuem
<b>DIVISION_ID</b>	-> SSN_DIVISION_ID
<b>COST_CENTER</b>	-> SSN_COST_CENTER
<b>DEPARTMENT_ID</b>	-> SSN_DEPARTMENT_ID
<b>SSN_TAX_APPLICABLE</b>	
<b>GOV_TAX</b>	-> SSN_GOV_TAX - not sure what used for??
<b>LEASED</b>	-> SSN_LEASED
<b>LEASE_EXPIRY_DATE</b>	-> SSNLEASE_EXPIRY_DATE
<b>LEASOR</b>	-> SSNLEASOR
<b>LEGACY_LEDGER_SALE_CODE</b>	-> SSN_LEGACY_SALE_PROD_ID_CODE
<b>LEGACY_LEDGER_DEPOSIT_CODE</b>	-> SSN_LEGACY_DEPOSIT_CODE
<b>LEGACY_LEDGER_PURCHASE_CODE</b>	-> SSN_LEGACY_PURCHASE_CODE
<b>LEGACY_LEDGER_SALE_SSN_ID_CODE</b>	-> SSN_LEGACY_SALE_SSN_ID_CODE
<b>SSN_FINANCE_LAST_UPDTD_BY</b>	
<b>SSN_FINANCE_LAST_UPDTD_DATE</b>	
<b>SSN_FINANCE_LAST_UPDTD_DEVICE</b>	/* length = 29 characters */

**TABLE = SSN\_DEPRECN**

Which has the following fields (again can we prefix all field names with SSN\_?):  
Note new fields and the order of columns.

<b>*SSN_ID</b>	
COMMISSIONED_DATE	-> SSN_COMMISSIONED_DATE
DEPRECiate	-> SSN_DEPRECiate
DEPRECiate_DATE	-> SSN_DEPRECiate_DATE
DEPRECiation_LIMIT	-> SSN_DEPRECiation_LIMIT
TERMINATION_VALUE	-> SSN_TERMINATION_VALUE
DEPRECiate_METHOD1	-> SSN_DEPRECiate_METHOD1
BOOK_VALUE1	-> SSN_BOOK_VALUE1
DEPRECiated_VALUE1	-> SSN_DEPRECiated_VALUE1
DEPSTART_PERIOD1	-> SSN_DEPSTART_PERIOD1
DEPEND_PERIOD1	-> SSN_DEPEND_PERIOD1
FREEZE_VALUE1	-> SSN_FREEZE_VALUE1
FREEZE_DATE	-> SSN_FREEZE_DATE1
DEPRECiate_METHOD2	-> SSN_DEPRECiate_METHOD2
BOOK_VALUE2	-> SSN_BOOK_VALUE2
DEPRECiated_VALUE2	-> SSN_DEPRECiated_VALUE2
DEPSTART_PERIOD2	-> SSN_DEPSTART_PERIOD2
DEPEND_PERIOD2	-> SSN_DEPEND_PERIOD2
FREEZE_VALUE2	-> SSN_FREEZE_VALUE2
SSN_FREEZE_DATE2	
DEPRECiate_METHOD3	-> SSN_DEPRECiate_METHOD3
BOOK_VALUE3	-> SSN_BOOK_VALUE3
DEPRECiated_VALUE3	-> SSN_DEPRECiated_VALUE3
DEPSTART_PERIOD3	-> SSN_DEPSTART_PERIOD3
DEPEND_PERIOD3	-> SSN_DEPEND_PERIOD3
FREEZE_VALUE3	-> SSN_FREEZE_VALUE3
SSN_FREEZE_DATE3	
LIFE_PERIODS1	-> SSN_LIFE_PERIODS1
LIFE_PERIODS2	-> SSN_LIFE_PERIODS2
SSN_LIFE_PERIODS3	
LIFE_UNITS_USED	-> SSN_LIFE_UNITS_USED
LIFE_UNITS	-> SSN_LIFE_UNITS
SSN_DEPRECN_LAST_UPDTD_BY	
SSN_DEPRECN_LAST_UPDTD_DATE	
SSN_DEPRECN_LAST_UPDTD_DEVICE /* length = 29 characters */	

**TABLE = SSN\_DISPOSE**

Which has the following fields (again can we prefix all field names with SSN\_?):

\***SSN\_ID**  
**DISPOSED** -> **SSN\_DISPOSE**  
**DISPOSAL\_COST** -> **SSN\_DISPOSAL\_COST** indicates payment to dispose.  
**DISPOSAL\_PRICE** -> **SSN\_DISPOSAL\_INCOME** to indicate income received.  
**DISPOSAL\_DATE** -> **SSN\_DISPOSE\_DATE**  
**DISPOSAL\_NOTES** -> **SSN\_DISPOSE\_NOTES**  
**SSN\_DISPOSE\_METHOD\_CODE** - New Field for Museums - use **OPTIONS**  
**SSN\_DISPOSE\_LAST\_UPDTD\_BY**  
**SSN\_DISPOSE\_LAST\_UPDTD\_DATE**  
**SSN\_DISPOSE\_LAST\_UPDTD\_DEVICE** /\* length = 29 characters \*/

**TABLE = SSN\_TEST**

Which has the following fields (again can we prefix all field names with SSN\_?):  
We do not need the LOAN in field names.

*SSN_ID	
QUESTION_ID	-> SSN_QUESTION_ID
ANSWER_ID	-> SSN_ANSWER_ID
LOAN_SAFETY_CHECK	-> SSN_SAFETY_CHECK
LOAN_LAST_SAFETY_CHECK_DATE	-> SSN_SAFETY_LAST_CHECK_DATE
LOAN_SAFETY_PERIOD_NO	-> SSN_SAFETY_PERIOD_NO
LOAN_SAFETY_PERIOD	-> SSN_SAFETY_PERIOD
LOAN_SAFETY_PASS	-> SSN_SAFETY_PASS
LOAN_SAFETY_TAG_COLOUR	-> SSN_SAFETY_TAG_COLOUR
LOAN_CALIBRATE_CHECK	-> SSN_CALIBRATE_CHECK
LOAN_LAST_CALIBRATE_CHECK_DATE	-> SSN_CALIBRATE_LAST_CHECK_DATE
LOAN_CALIBRATE_PERIOD_NO	-> SSN_CALIBRATE_PERIOD_NO
LOAN_CALIBRATE_PERIOD	-> SSN_CALIBRATE_PERIOD
LOAN_CALIBRATE_PASS	-> SSN_CALIBRATE_PASS
LOAN_INSPECT_CHECK	-> SSN_INSPECT_CHECK
LOAN_LAST_INSPECT_CHECK_DATE	-> SSN_INSPECT_CHECK_DATE
LOAN_INSPECT_PERIOD_NO	-> SSN_INSPECT_PERIOD_NO
LOAN_INSPECT_PERIOD	-> SSN_INSPECT_PERIOD
LOAN_INSPECT_NOTES	-> SSN_INSPECT_NOTES
SSN_INSPECT_PASS VALUE_TF	- <u>NEW FIELD REQUIRED.</u>
SSN_TEST_LAST_UPDTD_BY	
SSN_TEST_LAST_UPDTD_DATE	
SSN_TEST_LAST_UPDTD_DEVICE /* length = 26 characters */	

**TABLE = SSN\_LOAN**

Which has the following fields (again can we prefix all field names with SSN\_?):  
We need more field to enable graphical display of Booked Loan Dates.  
Note the SSN\_STATUS Table holds the current Loan Status

Note RECORD\_ID is the unique key for multiple records with same SSN\_ID

<b>*RECORD_ID</b>	- enables multiple Loan Bookings
<b>SSN_ID</b>	
<b>SSN_LOAN_ORDER_NO</b>	PICK_ORDER - i.e. Transfer Order No.
<b>LOAN_PERIOD_NO</b>	-> SSN_LOAN_PERIOD_NO
<b>LOAN_PERIOD</b>	-> SSN_LOAN_PERIOD
<b>SSN_LOAN_START_DATE</b>	- new field – Planned Issue date – not actual
<b>SSN_LOAN_START_ACT_DATE</b>	- new field – actual issued date
<b>SSN_LOAN_RETURN_DATE</b>	- new field – Expected Return date – not actual
<b>SSN_LOAN_RETURN_ACT_DATE</b>	- new field – Actual Returned date
<b>SSN_LOAN_COMPLETED</b>	VALUE_TF – Used to flag loan issue and then when returned => 'T' or if forced because loan terminated due to being lost and ready for archiving.
<b>LOAN_COST_BASE</b>	-> SSN_LOAN_COST_BASE
<b>SSN_LOAN_LAST_UPDTD_BY</b>	
<b>SSN_LOAN_LAST_UPDTD_DATE</b>	
<b>SSN_LOAN_LAST_UPDTD_DEVICE</b>	/* length = 26 characters */