

**Data Elements in the Harvard  
Reporting System**

Date: 5/15/2003

**Data Object: ARRIVALS**

Attribute	Indexed
ADM_DOC_ID	Y
ADM_SEQUENCE_ID	Y
DATE_ARRIVAL	Y
DATE_SHIPMENT	N
LINE_NUMBER	N
NOTE	N
NUMBER_UNITS_ARRIVED	N

**Data Object:  
BIBLIOGRAPHY\_SHORT\_RESERVES**

Attribute	Indexed
BIB_DOC_ID	Y
YEAR	Y
AUTHOR	Y
TITLE	Y
IMPRINT	Y
ISBN_ISSN	Y
CATALOG_NUMBER	Y
SID	Y
RESERVES_REPORTING_1	Y
H28_UNIT_NOTE	Y
USER_DEF_5	Y

**Data Object:  
BUDGET\_REPORT\_CONSOLIDATED  
(calculations for custom Budget  
summary reports)**

Attribute	Indexed
BUDGET_ID	Y
TUB	Y
ORG	Y
TUB.ORG	N
FUND	Y
ACTIVITY	Y
SUB	Y
ROOT	Y
BUDGET_YEAR	Y
ALLOC_ADDED	N
ALLOC_CARRYOVER	N
ALLOC_INITIAL	N
ALLOC_TOTAL	N
ALLOC_TRANSFER	N
AMOUNT_ENCUMBERED	N
CASH_BALANCE	N
FREEBALANCE	N
PAID	N
PAID_AND_ENCUMBERED	N

PCNT_ALLOC_ENCUM_PAID	N
PCNT_ALLOC_PAID	N

**Data Object:  
BUDGET\_TRANS\_ENCUMBRANCES**

Attribute	Indexed
ENCUM_ADM_DOC_ID	Y
ENCUM_ADM_SEQUENCE_ID	Y
ENCUM_BUDGET_ID	Y
ENCUM_TUB	Y
ENCUM_ORG	Y
ENCUM_FUND	Y
ENCUM_ACTIVITY	Y
ENCUM_SUB	Y
ENCUM_ROOT	Y
ENCUM_BUDGET_YEAR	Y
ENCUM_DATE_OPEN	Y
ENCUM_DATE_CURRENCY	Y
ENCUM_NOTE	N
ENCUM_DEBIT_OR_CREDIT	N
ENCUM_E_CURRENCY	N
ENCUM_CURRENCY_RATIO	N
ENCUM_SUM_ORIGINAL_AS_	N
E_PRICE	
ENCUM_SUM_ACTIVE	N
ENCUM_SUM_LOCAL	N

**Data Object:  
BUDGET\_TRANS\_INVOICES**

Attribute	Indexed
INV_BUDGET_ID	Y
INV_TUB	N
INV_ORG	N
INV_FUND	N
INV_ACTIVITY	N
INV_SUB	N
INV_ROOT	N
INV_BUDGET_YEAR	N
INV_ADM_DOC_ID	N
INV_ADM_DOC_SEQUENCE_I	N
D	
INV_CURRENCY	N
INV_CURRENCY_DATE	N
INV_CURRENCY_RATIO	N
INV_DEBIT_OR_CREDIT	N
INV_HAS_BEEN_PAID	Y
INVOICE_LINE_NUMBER	N
INVOICE_NUMBER	Y
INV_NOTE	N
INV_OBJECT_CODE	N
INV_OPEN_DATE	Y
INV_SUM_LOCAL	N
INV_SUM_ORIGINAL	N
INV_USER_NAME	N

INV_VENDOR_ID	Y
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**Data Object: BUDGETS**

Attribute	Indexed
BUDGET_ID	Y
TUB	Y
ORG	Y
TUB.ORG	N
FUND	Y
ACTIVITY	Y
SUB	Y
ROOT	Y
BUDGET_YEAR	Y
ABSOLUTE_OR_PERCENT_OV ER	N
AMOUNT_MAX_OVER_COMMI T	N
AMOUNT_MAX_OVER_EXPEN DITURE	N
BUDGET_TYPE	Y
DATE_OPEN	N
DATE_VALID_FROM	N
DATE_VALID_TO	N
DEPARTMENT	N
EXTERNAL_BUDGET_ID	N
GROUP_1	N
GROUP_2	N
GROUP_3	N
GROUP_4	N
GROUP_5	N
IS_ANNUAL	N
MAX_OVER_SIGN	N
NAME	N
NOTE_1	N
NOTE_2	N
NOTE_3	N
NOTE_4	N
OBJECT_CODE_LIST	N
PARENT_BUDGET_ID	N
STATUS	N
USE_PARENT_FOR_INV_REP ORT	N

**Data Object: CIRCULATION\_HISTORY**

Attribute	Indexed
ADM_DOC_ID	Y
ITEM_SEQUENCE	N
DATE_EVENT	Y
HOUR_EVENT	Y
LIBRARY	Y
MATERIAL	Y
STATUS_BORROWER	N
STATUS_BORROWER_NATIVE	Y
STATUS_ITEM	Y

TYPE_BORROWER	N
TYPE_BORROWER_NATIVE	Y
TYPE_EVENT	
TYPE_EVENT_NATIVE	Y

**Data Object: COURSES**

Attribute	Indexed
CATALOG_NUMBER	Y
PROXY_COURSE_NUMBER	N
COURSE_NAME	Y
COURSE_NAME_KEY	Y
INSTRUCTOR_NAME	Y
DEPARTMENT	Y
DEPARTMENT_KEY	Y
DATE_FROM	Y
DATE_TO	Y
PERIOD	Y
NUMBER_OF_STUDENTS	Y
WEEKLY_HOURS	N

**Data Object: HOL\_LINKER\_BIB**

Attribute	Indexed
SOURCE_LIBRARY	N
SOURCE_DOC_NUMBER	N
SOURCE_SEQUENCE	N
LIBRARY	N
DOC_NUMBER	Y
LKR_LIBRARY	N
LKR_DOC_NUMBER	Y
LKR_TYPE	Y

**Data Object: INVOICE\_HEADERS**

Attribute	Indexed
INVOICE_NUMBER	Y
AMOUNT_PAID	N
AMOUNT_TOTAL	N
APPROVAL_DEPARTMENT	Y
APPROVAL_NUMBER	Y
CREDIT_OR_DEBIT	N
INVOICE_DATE	Y
INVOICE_TYPE	Y
PAYMENT_DATE	N
PAYMENT_STATUS	N
RECEIVED_DATE	N
VENDOR_ID	Y
AMOUNT_DISCOUNTED	N
AMOUNT_INSU	N
AMOUNT_NET	N
AMOUNT_OVER	N
AMOUNT_SHIP	N
AMOUNT_VAT	N
CHECK_PAYMENT_NUMBER	N
CURRENCY_USED_FOR_INVO	N

ICE	
DATE_SHIPPED	N
EXPLICIT_RATIO	N
NOTE	N
ORIG_INVOICE_NUMBER	N
VAT_RECEIVER	N

**Data Object: INVOICE\_LINES**

Attribute	Indexed
ADM_DOC_ID	Y
ADM_SEQUENCE_ID	Y
AMOUNT_NET	N
AMOUNT_TOTAL	N
CREDIT_OR_DEBIT	N
DATE_FROM	Y
DATE_RANGE	N
DATE_TO	N
INVOICE_LINE_NUMBER	N
INVOICE_NUMBER	Y
NOTE	N
NUMBER_OF_UNITS	N
OBJECT_CODE	Y
PRICE_LISTED	N
VENDOR_ID	Y

**Data Object: ITEMS**

Attribute	Indexed
ADM_DOC_ID	Y
SEQUENCE_NUMBER	Y
BARCODE	Y
BARCODE_LENGTH_Calculatio	N
n	
CALL_NUMBER	N
CALL_NUMBER_KEY	Y
CALL_NUMBER_TYPE	N
CATALOGER	N
CHRONOLOGICAL_I	N
CHRONOLOGICAL_J	N
CHRONOLOGICAL_K	N
CHRONOLOGICAL_L	N
CHRONOLOGICAL_M	N
COLLECTION	Y
COPY_ID	N
DATE_ARRIVAL	Y
DATE_EXPECTED_ARRIVAL	Y
DATE_ISSUE	N
DATE_LAST_RETURN	N
DATE_LAST_SHELF	N
DATE_OPEN	Y
DATE_UPDATE	Y
DESCRIPTION	N
ENUMERATION_A	N
ENUMERATION_B	N
ENUMERATION_C	N

ENUMERATION_D	N
ENUMERATION_E	N
ENUMERATION_F	N
GAP_INDICATOR	N
HOL_DOC_NUMBER_X	Y
HOUR_LAST_RETURN	N
ITEM_PROCESS_STATUS	N
ITEM_STATISTIC	Y
ITEM_STATUS	N
LINKING_NUMBER	N
LOCATION_TEMPORARY	N
MATERIAL	Y
NOTE_CIRCULATION	N
NOTE_INTERNAL	N
NOTE_OPAC	N
NUMBER_OF_COMPLETED_L	N
OANS	
ORDER_NUMBER	N
PRICE	N
REC_KEY_2	N
REC_KEY_3	N
REMOTE_STORAGE_ID	N
SUB_LIBRARY	Y
TITLE_SUPPLEMENT_OR_IND	N
EX	
TYPE_85X	N

NOTE: Z30 snapshot  
intentionally excludes: Z30-  
ALPHA  
Z30-CALL-NO-2-TYPE  
Z30-CALL-NO-2  
Z30-CALL-NO-2-KEY  
Z30-INVENTORY-NUMBER  
Z30-INVENTORY-DATE  
Z30-PRICE  
Z30-PAGES  
Z30-ENUMERATION-G  
Z30-ENUMERATION-H

**Data Object: LOAN\_HISTORY**

Attribute	Indexed
ADM_DOC_ID	Y
SEQUENCE_ID	Y
BORROWER_STATUS	Y
BORROWER_TYPE	Y
DATE_DUE	N
DATE_DUE_ORIGINAL	N
DATE_LAST_RENEW	N
DATE_LOANED	Y
DATE_RECALL_DUE	N
DATE_RECALLED	N
DATE_RETURNED	Y
HOUR_DUE	N
HOUR_LOANED	N
HOUR_RETURNED	N

ITEM_PROCESS_STATUS	N
ITEM_STATUS	Y
LETTER_DATE	N
LETTER_NUMBER	N
LOAN_CATALOGER_NAME	N
LOAN_NUMBER	Y
MATERIAL	N
MODE_RENEWAL	N
NOTE_1	N
NOTE_2	N
NUMBER_OF_RENEWALS	N
PATRON_ID	Y
PROXY_ID	N
RENEW_CATALOGER_NAME	N
RETURN_CATALOGER_NAME	N
STATUS_LOAN	N
SUB_LIBRARY	Y
TYPE_RECALL	N

**Data Object: LOANS**

Attribute	Indexed
ADM_DOC_ID	Y
SEQUENCE_ID	Y
BORROWER_STATUS	Y
BORROWER_TYPE	Y
DATE_DUE	N
DATE_DUE_ORIGINAL	N
DATE_LAST_RENEW	N
DATE_LOANED	Y
DATE_RECALL_DUE	N
DATE_RECALLED	N
DATE_RETURNED	Y
HOUR_DUE	N
HOUR_LOANED	N
HOUR_RETURNED	N
ITEM_PROCESS_STATUS	N
ITEM_STATUS	Y
LETTER_DATE	N
LETTER_NUMBER	N
LOAN_CATALOGER_NAME	N
LOAN_NUMBER	Y
MATERIAL	N
MODE_RENEWAL	N
NOTE_1	N
NOTE_2	N
NUMBER_OF_RENEWALS	N
PATRON_ID	Y
PROXY_ID	N
RENEW_CATALOGER_NAME	N
RETURN_CATALOGER_NAME	N
STATUS_LOAN	N
SUB_LIBRARY	Y
TYPE_RECALL	N

**Data Object:**

**MARC\_DATA\_BIBLIOGRAPHIC**  
**(parsed except for noted exceptions)**

Attribute	Indexed	
BIB_DOC_ID	Y	
FMT_FORMAT	Y	From Z13
AUTHOR	N	From Z13
AUTHOR_CODE	N	From Z13
TITLE_DISPLAY	N	From Z13
TITLE_SORT	Y	From Z13
TITLE_CODE	N	From Z13
IMPRINT	N	From Z13
IMPRINT_CODE	N	From Z13
ISBN_ISSN	Y	From Z13
ISBN_POSITIONS_1-10	N	Calculated field in query tool
ISBN_ISSN_CODE	N	From Z13
LDR_ARCHIVAL_FLAG	Y	
LDR_BIB_ENCODING_LEVEL	Y	
LDR_BIB_TYPE_LEVEL	Y	
TAG_001_BIB_DOC_NO_CHEC	Y	
K_DIG		
TAG_005_DATE_UPDATE	Y	
TAG_008_DATE_ON_FILE	Y	
TAG_008_DATE_TYPE	Y	
TAG_008_DATE1	Y	
TAG_008_DATE2	Y	
TAG_008_LANGUAGE	Y	
TAG_008_PLACE_PUB	Y	
TAG_008_POSITION_21	Y	
TAG_008_POSITION_33	Y	
TAG_008_POSITION_39	Y	
TAG_010_LCCN	Y	
TAG_040_SUBFLD_A	Y	
TAG_040_SUBFLD_C	Y	
TAG_050_SUBFLD_A	Y	
TAG_H01_HULPR_NUMBER	Y	
TAG_STA_BIB_REC_STATUS	Y	

**Data Object: MARC\_DATA\_HOLDINGS**  
**(parsed)**

Attribute	Indexed
HOLDINGS_DOC_NO	Y
LDR_HOLDINGS_ENCODING_LEVEL	N
LDR_HOLDINGS_TYPE	Y
TAG_005_DATE_UPDATE	Y
TAG_007_POSITIONS_00_01	Y
TAG_008_ACQ_METHOD	Y
TAG_008_DATE_ON_FILE	Y
TAG_008_RECEIPT_STATUS	Y
TAG_852_IND_1_CALL_NO_SC	Y
HEME	
TAG_852_SUBFLD_2	N
TAG_852_SUBFLD_B_SUBLIB	Y

TAG_852_SUBFLD_C_COLLEC	Y
TION	
TAG_852_SUBFLD_H_CLASS_	Y
PART	
TAG_852_SUBFLD_I_ITEM_PA	N
RT	
TAG_852_SUBFLD_M_SUFFIX	N
TAG_852_SUBFLD_X_INTERN	N
AL_NOTE	
TAG_852_SUBFLD_Z_PUBLIC_	N
NOTE	
TAG_H01_HULPR_NUMBER	Y
TAG_H08_CATALOGING_STAT	Y
US	
TAG_H09_REPORTING_FIELD	Y
TAG_H13_SUBFLD_F	N
TAG_H77_RELATED_BIB_DOC	Y
_NO	
TAG_H77_RELATED_TITLE	N
TAG_OWN	Y
TAG_STA_RECORD_STATUS	N
TAG_XPR_SUBFLD_B_DATE	Y

**Data Object: ORDERS**

Attribute	Indexed
ORDER_NUMBER_1	Y
ARRIVAL_STATUS	Y
DATE_ORDER	Y
INVOICE_STATUS	N
MATERIAL_TYPE	N
METHOD_OF_ACQUISITION	N
ORDER_GROUP	Y
ORDER_LOCAL_PRICE (USD)	N
ORDER_STATUS	Y
ORDER_TYPE	Y
ORDER_UNIT	N
ORDERING_SUB_LIBRARY	N
VENDOR_ID	Y
ADM_DOC_ID	Y
ADM_SEQUENCE_ID	Y
AUTO_CLAIM	N
DATE_CLAIM	N
DATE_CLAIM_ORIGINAL	N
DATE_OPEN	N
DATE_STATUS_UPDATE	N
DATE_SUBSCRIPTION_FROM	N
DATE_SUBSCRIPTION_RENE	N
W	
DATE_SUBSCRIPTION_TO	N
DELIVERY_TYPE	N
ISBN	Y
LETTER_TYPE	N
LIBRARY_NOTE	N
MAX_NO_ARRIVAL_DAYS	N
NUMBER_UNITS	N

ORDER_CURRENCY	N
ORDER_DELIVERY_TYPE	N
ORDER_FINAL_PRICE	N
ORDER_LISTED_PRICE	N
ORDER_NOTE	N
ORDER_NUMBER_2	Y
ORDER_NUMBER_3	Y
ORDER_TERM_PERCENT	N
ORDER_TERM_SIGN	N
QUANTITY_TEXT	N
RUSH	N
SEND_METHOD	N
TARGET_DIRECT	N
TARGET_TEXT	N
TOTAL_PRICE	N
UNIT_PRICE	N
VENDOR_CONTACT	N
VENDOR_REFERENCE_NUMB ER	N
Z68_TARGET_ID	N
X_E_PRICE	N

**Data Object: SUBSCRIPTIONS**

Attribute	Indexed
ADM_DOC_ID	Y
SEQUENCE_COPY	N
SEQUENCE_NUMBER_ADDITI ONAL	N
SEQUENCE_WITHIN_COPY	N
CHECK_IN_NOTE	N
CLAIM	N
CLAIM_2	N
CLAIM_3	N
CLAIM_4	N
COLLECTION	N
COPY_FROM_DATE	Y
COPY_ID	N
COPY_TO_DATE	N
DELAY	N
DELIVERY_TYPE	N
DIRECT_DELIVERY	N
HOL_DOC_NUMBER_X ID	N
ITEM_STATISTIC	N
ITEM_STATUS	Y
LABEL	N
LOCATION	N
LOCATION_2	N
LOCATION_2_TYPE	N
LOCATION_TYPE	N
NOTE	N
ORDER_NUMBER	Y
REMOTE_STORAGE_ID	N
SUB_LIBRARY	Y
TEMP_LOCATION	Y

VENDOR_CODE	Y
VENDOR_ORDER_NUMBER	Y

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Linking tables

**Data Object: ADM\_LINKER\_BIB**

Attribute	Indexed
SOURCE_LIBRARY	N
SOURCE_DOC_NUMBER	N
SOURCE_SEQUENCE	N
LIBRARY	N
DOC_NUMBER	Y
LKR_LIBRARY	N
LKR_DOC_NUMBER	Y
LKR_TYPE	Y

**Data Object:**

**ADM\_LINKER\_RESERVES**

Attribute	Indexed
SOURCE_LIBRARY	N
SOURCE_DOC_NUMBER	N
SOURCE_SEQUENCE	N
LIBRARY	N
DOC_NUMBER	Y
LKR_LIBRARY	N
LKR_DOC_NUMBER	Y
LKR_TYPE	Y

**Data Object: HOL\_LINKER\_BIB**

Attribute	Indexed
SOURCE_LIBRARY	N
SOURCE_DOC_NUMBER	N
SOURCE_SEQUENCE	N
LIBRARY	N
DOC_NUMBER	Y
LKR_LIBRARY	N
LKR_DOC_NUMBER	Y
LKR_TYPE	Y

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**Join Conditions**

Relationship between  
'INVOICE\_HEADERS' and  
'INVOICE\_LINES'

REPORTING.INVOICE\_HEADERS.VENDOR\_ID =  
REPORTING.INVOICE\_LINES.VENDOR\_ID  
REPORTING.INVOICE\_HEADERS.INVOICE\_NUMBER =  
REPORTING.INVOICE\_LINES.INVOICE\_NUMBER

Relationship between 'ARRIVALS ' and  
'ORDERS'

REPORTING.ARRIVALS.ADM\_DOC\_ID \*=  
REPORTING.ORDERES.ADM\_DOC\_ID  
REPORTING.ARRIVALS.ADM\_SEQUENCE\_ID \*=  
REPORTING.ORDERES.ADM\_SEQUENCE\_ID

Relationship between  
'BUDGET\_TRANS\_ENCUMBRANCES'  
and 'ORDERES'

REPORTING.BUDGET\_TRANS\_ENCUMBRANCES.ADM\_DOC\_ID =  
REPORTING.ORDERES.ADM\_DOC\_ID  
REPORTING.BUDGET\_TRANS\_ENCUMBRANCES.ADM\_SEQUENCE\_ID =  
REPORTING.ORDERES.ADM\_SEQUENCE\_ID

Relationship between 'INVOICE\_LINES'  
and 'ORDERES'

REPORTING.INVOICE\_LINES.ADM\_DOC\_ID =  
REPORTING.ORDERES.ADM\_DOC\_ID  
REPORTING.INVOICE\_LINES.ADM\_SEQUENCE\_ID =  
REPORTING.ORDERES.ADM\_SEQUENCE\_ID

Relationship between 'ORDERES' and  
'SUBSCRIPTIONS'

REPORTING.ORDERES.ADM\_DOC\_ID =  
REPORTING.SUBSCRIPTIONS.ADM\_DOC\_ID  
REPORTING.ORDERES.ADM\_SEQUENCE\_ID =  
REPORTING.SUBSCRIPTIONS.SEQUENCE\_COPY

Relationship between  
'BUDGET\_TRANS\_INVOICES' and  
'INVOICE\_LINES'

REPORTING.BUDGET\_TRANS\_INVOICES.VENDOR\_ID =  
REPORTING.INVOICE\_LINES.VENDOR\_ID  
REPORTING.BUDGET\_TRANS\_INVOICES.INVOICE\_NUMBER =  
REPORTING.INVOICE\_LINES.INVOICE\_NUMBER  
REPORTING.BUDGET\_TRANS\_INVOICES.INVOICE\_LINE\_NUMBER =  
REPORTING.INVOICE\_LINES.INVOICE\_LINE\_NUMBER

Relationship between 'RES\_ITEMS' and  
'RES\_ADM\_LINKER\_BIB'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.ADM\_LINKER\_BIB.LKR\_DOC\_NUMBER

Relationship between 'ITEMS' and  
'ADM\_LINKER\_BIB'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.ADM\_LINKER\_BIB.LKR\_DOC\_NUMBER

Relationship between  
'RES\_MARC\_DATA\_BIBLIOGRAPHIC'  
and 'RES\_ADM\_LINKER\_BIB'

REPORTING.MARC\_DATA\_BIBLIOGRAPHIC.BIB\_DOC\_ID =  
REPORTING.ADM\_LINKER\_BIB.DOC\_NUMBER

Relationship between  
'MARC\_DATA\_BIBLIOGRAPHIC' and  
'ADM\_LINKER\_BIB'

REPORTING.MARC\_DATA\_BIBLIOGRAPHIC.BIB\_DOC\_ID =  
REPORTING.ADM\_LINKER\_BIB.DOC\_NUMBER

Relationship between 'RES\_ITEMS' and  
'RES\_CIRCULATION\_HISTORY'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.CIRCULATION\_HISTORY.ADM\_DOC\_ID  
REPORTING.ITEMS.SEQUENCE\_NUMBER =  
REPORTING.CIRCULATION\_HISTORY.ITEM\_SEQUENCE

Relationship between 'ITEMS' and  
'CIRCULATION\_HISTORY'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.CIRCULATION\_HISTORY.ADM\_DOC\_ID  
REPORTING.ITEMS.SEQUENCE\_NUMBER =  
REPORTING.CIRCULATION\_HISTORY.ITEM\_SEQUENCE

Relationship between 'RES\_ITEMS' and  
'RES\_ADM\_LINKER\_RESERVES'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.ADM\_LINKER\_RESERVES.LKR\_DOC\_NUMBER

Relationship between 'ITEMS' and  
'ADM\_LINKER\_RESERVES'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.ADM\_LINKER\_RESERVES.LKR\_DOC\_NUMBER

Relationship between  
'RES\_BIBLIOGRAPHY\_SHORT\_RESER  
VES' and  
'RES\_ADM\_LINKER\_RESERVES'

REPORTING.BIBLIOGRAPHY\_SHORT\_RESERVES.BIB\_DOC\_ID  
= REPORTING.ADM\_LINKER\_RESERVES.DOC\_NUMBER

Relationship between  
'BIBLIOGRAPHY\_SHORT\_RESERVES'  
and 'ADM\_LINKER\_RESERVES'

REPORTING.BIBLIOGRAPHY\_SHORT\_RESERVES.BIB\_DOC\_ID  
= REPORTING.ADM\_LINKER\_RESERVES.DOC\_NUMBER

Relationship between  
'MARC\_DATA\_HOLDINGS' and  
'HOL\_LINKER\_BIB'

REPORTING.MARC\_DATA\_HOLDINGS.HOLDINGS\_DOC\_NO =  
REPORTING.HOL\_LINKER\_BIB.LKR\_DOC\_NUMBER

Relationship between 'BUDGETS' and  
'BUDGET\_REPORT\_CONSOLIDATED'

REPORTING.BUDGETS.BUDGET\_ID =  
REPORTING.BUDGET\_REPORT\_CONSOLIDATED.BUDGET\_ID

Relationship between  
'MARC\_DATA\_BIBLIOGRAPHIC' and  
'HOL\_LINKER\_BIB'

REPORTING.MARC\_DATA\_BIBLIOGRAPHIC.BIB\_DOC\_ID =  
REPORTING.HOL\_LINKER\_BIB.DOC\_NUMBER

Relationship between 'RES\_ITEMS' and  
'RES\_LOANS'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.LOANS.ADM\_DOC\_ID  
REPORTING.ITEMS.SEQUENCE\_NUMBER =  
REPORTING.LOANS.SEQUENCE\_ID

Relationship between 'ITEMS' and  
'LOANS'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.LOANS.ADM\_DOC\_ID  
REPORTING.ITEMS.SEQUENCE\_NUMBER =  
REPORTING.LOANS.SEQUENCE\_ID

Relationship between 'RES\_ITEMS' and  
'RES\_LOAN\_HISTORY'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.LOAN\_HISTORY.ADM\_DOC\_ID  
REPORTING.ITEMS.SEQUENCE\_NUMBER =  
REPORTING.LOAN\_HISTORY.SEQUENCE\_ID

Relationship between 'ITEMS' and  
'LOAN\_HISTORY'

REPORTING.ITEMS.ADM\_DOC\_ID =  
REPORTING.LOAN\_HISTORY.ADM\_DOC\_ID  
REPORTING.ITEMS.SEQUENCE\_NUMBER =  
REPORTING.LOAN\_HISTORY.SEQUENCE\_ID

Relationship between 'ORDERS' and  
'ADM\_LINKER\_BIB'

REPORTING.ORDERS.ADM\_DOC\_ID =  
REPORTING.ADM\_LINKER\_BIB.LKR\_DOC\_NUMBER

Relationship between  
'RES\_BIBLIOGRAPHY\_SHORT\_RESER  
VES' and 'RES\_COURSES'

REPORTING.BIBLIOGRAPHY\_SHORT\_RESERVES.USER\_DEF\_  
1 = REPORTING.COURSES.COURSE\_NUMBER

Relationship between  
'BIBLIOGRAPHY\_SHORT\_RESERVES'  
and 'COURSES'

REPORTING.BIBLIOGRAPHY\_SHORT\_RESERVES.USER\_DEF\_  
1 = REPORTING.COURSES.COURSE\_NUMBER

Relationship between  
'RES\_MARC\_DATA\_HOLDINGS' and  
'RES\_ITEMS'

REPORTING.MARC\_DATA\_HOLDINGS.HOLDINGS\_DOC\_NO =  
REPORTING.ITEMS.HOL\_DOC\_NUMBER\_X