Implementing YBP Book Ordering Workflows in Aleph

Configuring Multiple Systems to Achieve a Common Purpose

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UT Libraries and ExLibris

- Began Aleph conversion in February 2003
- Switch-to-production in September 2003
- Currently on Aleph v.15.5

UT Libraries and YBP

- YBP customer since early 1980s
- Acquire books via:
  - Book Ordering by Library Selectors
  - Automatic Book Approval plans
- Outsource:
  - Brief order bibs (YBP)
  - Full Marc bibs (OCLC Promptcat)
  - Physical processing (YBP)

2003/04 stats with YBP:

- 19,000 books purchased
  - Book ordering – 6,800
  - Approval plans – 12,200
- $825,000 spent
  - Book ordering – $342,000
  - Approval plans – $483,000

Focus of today's presentation:

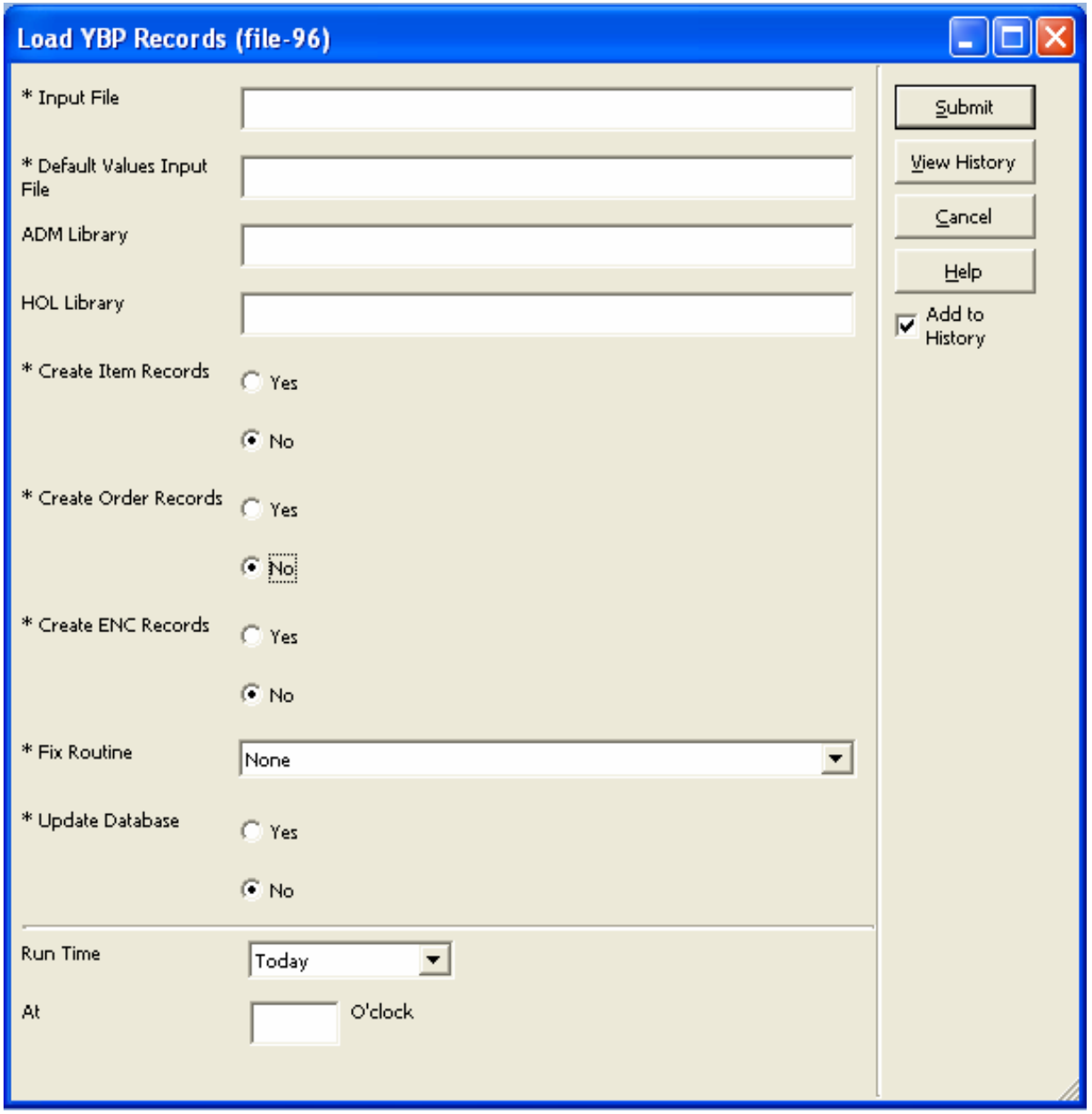
- Book Ordering by Library selectors
  - Our desires and goals for setup
  - Overview of new workflow
- To-Do items
- Question/answer session

What could Aleph do for us?

- Load brief and full MARC records to create:
  - Bibs
  - Holdings
  - “Temp” Items
  - Orders
  - Budget Encumbrances
- Overlay brief order bibs with full MARC bibs
- Create new items/holdings with correct barcodes, sublibraries, etc

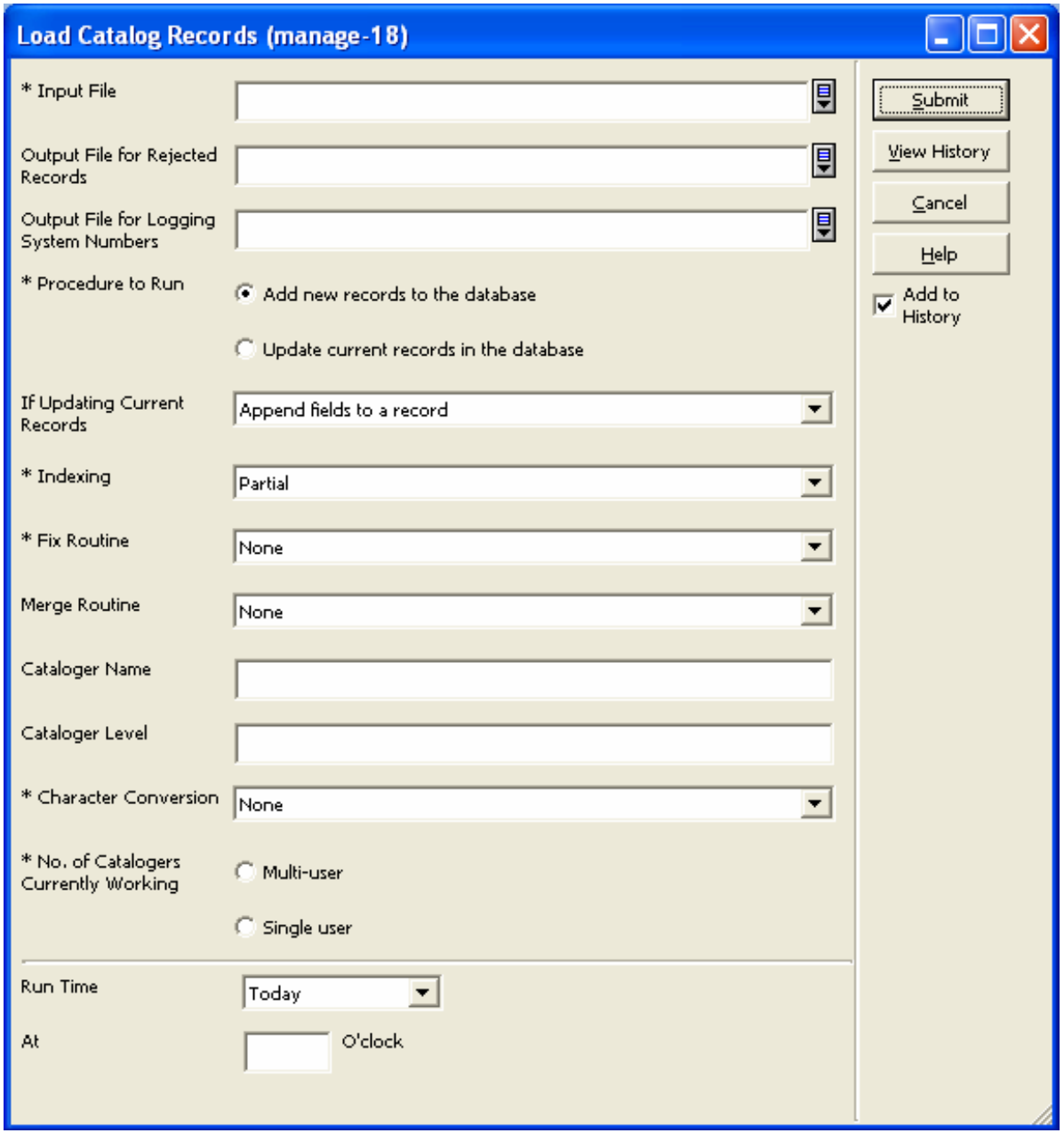
file-96 bib loader can create:

- Bibs
- Holdings
- “Temp” Items
- Orders
- Budget Encumbrances



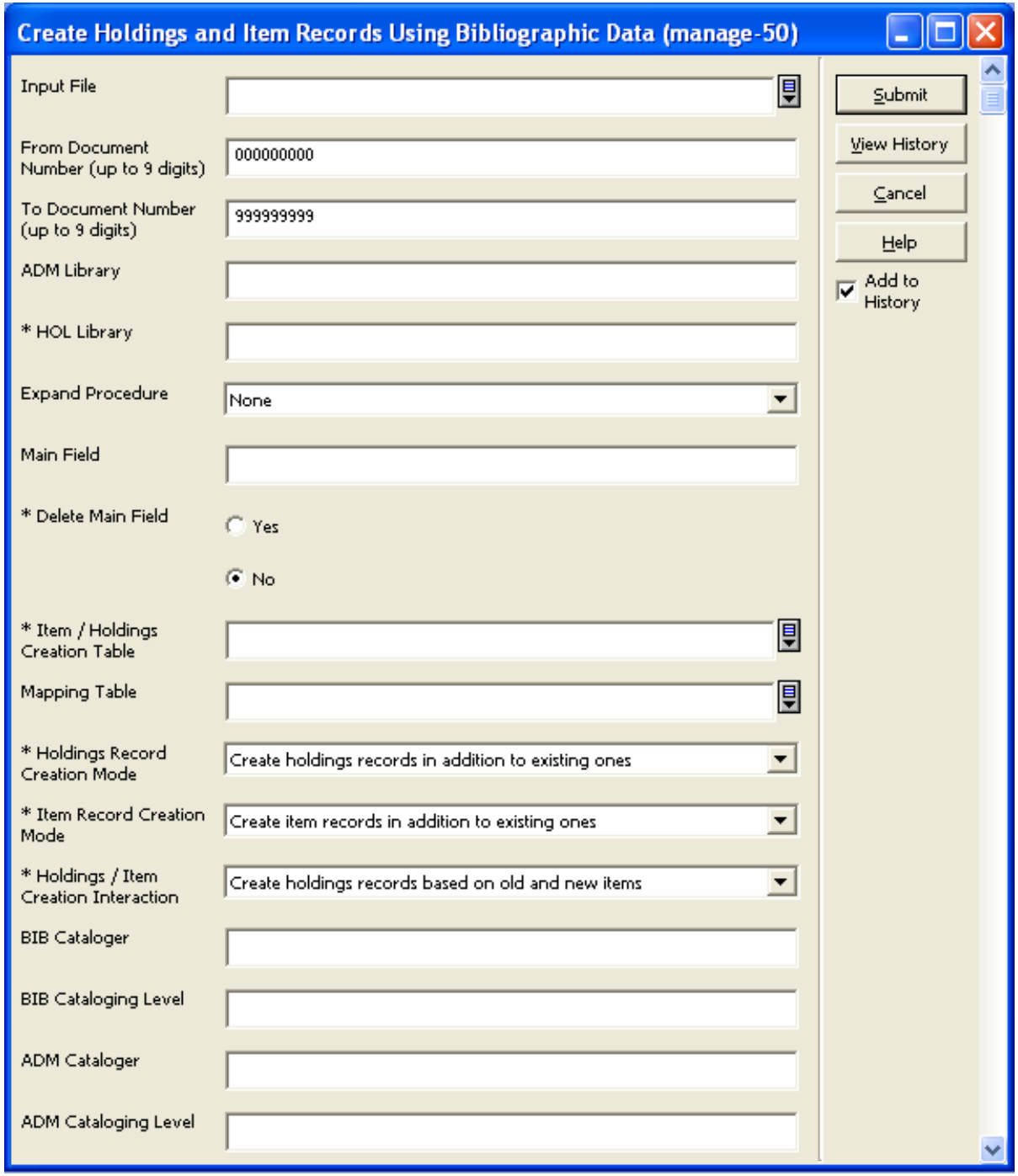
manage-18 bib loader can:

- Update existing bibs with incoming bibs

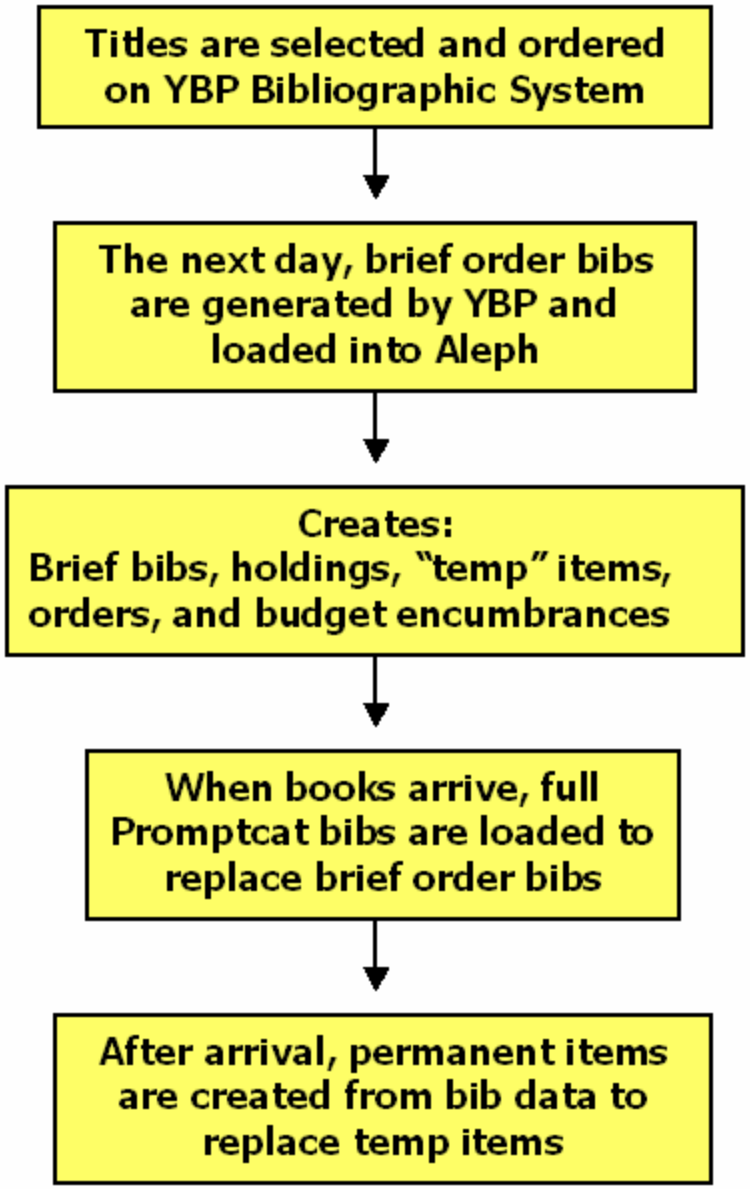


manage-50 can:

- Create “full” holdings and items based on bib data
- Add to or replace existing holdings/items



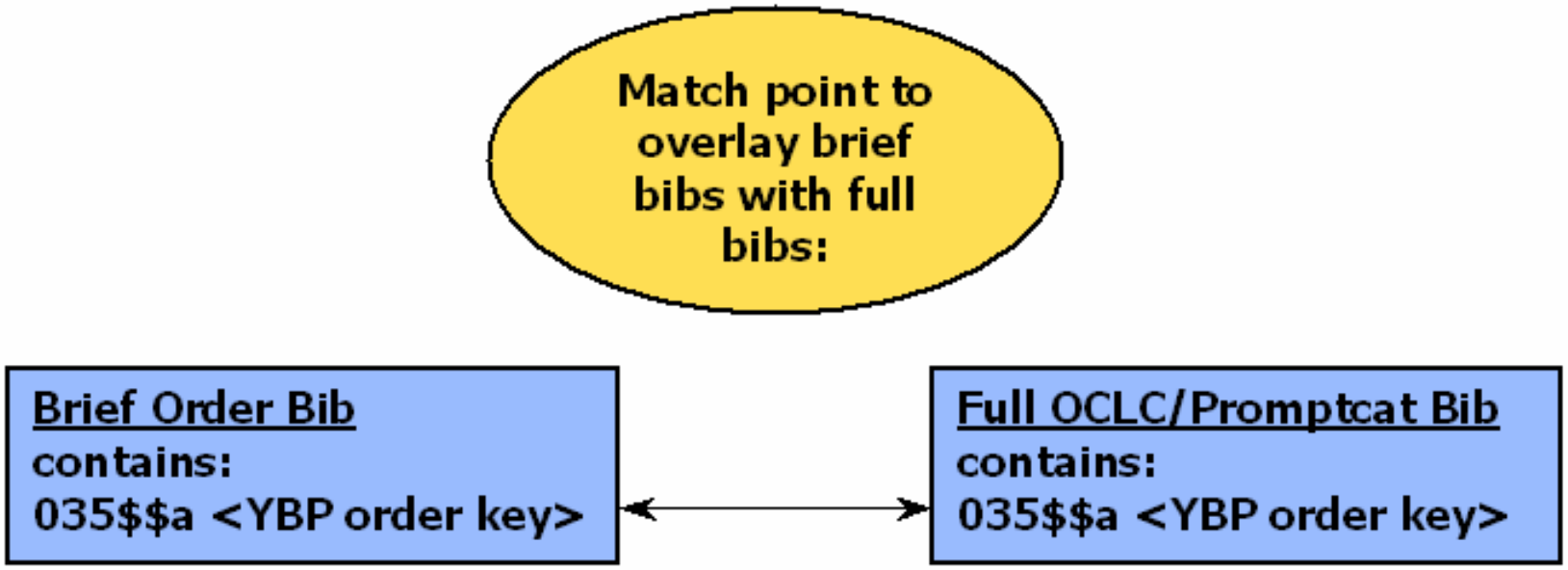
Desired Book Ordering Workflow:



Desires/Goals for YBP book ordering:

- All orders are placed on YBP system (Gobi2); no orders sent from Aleph
  - Collection Development librarians ‘select’ titles
  - Tech Services staff order selections
  - Brief order bibs for all books
- Receive OCLC Promptcat bib records for all YBP books (100% return ratio), containing item information in 949 field
  - Full bibs for most books
  - Brief data bibs for those not matching profile
- Tech Services Librarian manages Aleph record loads
- Staff/students arrive and invoice the titles in Aleph

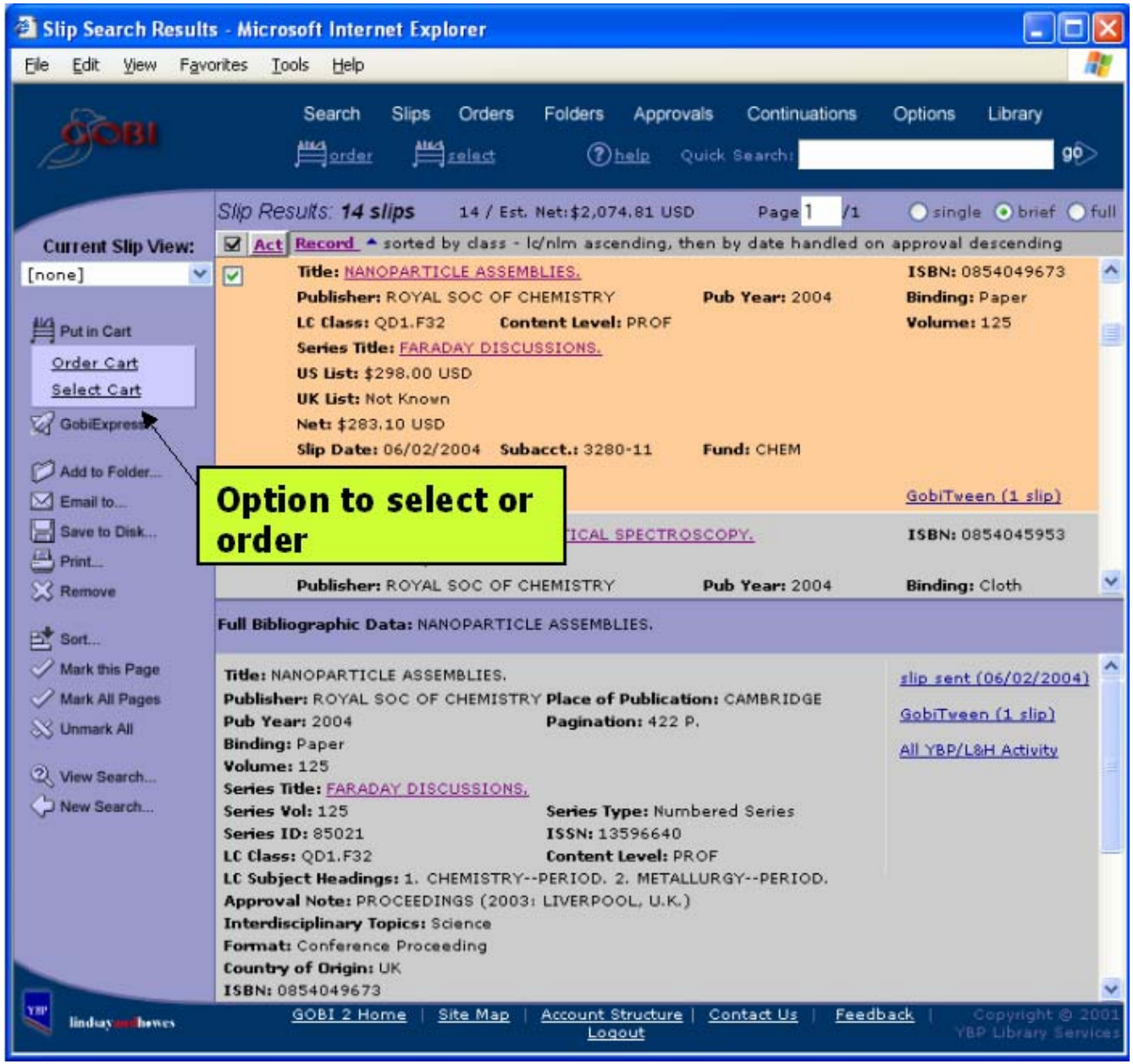
How do the full bibs overlay the brief bibs?



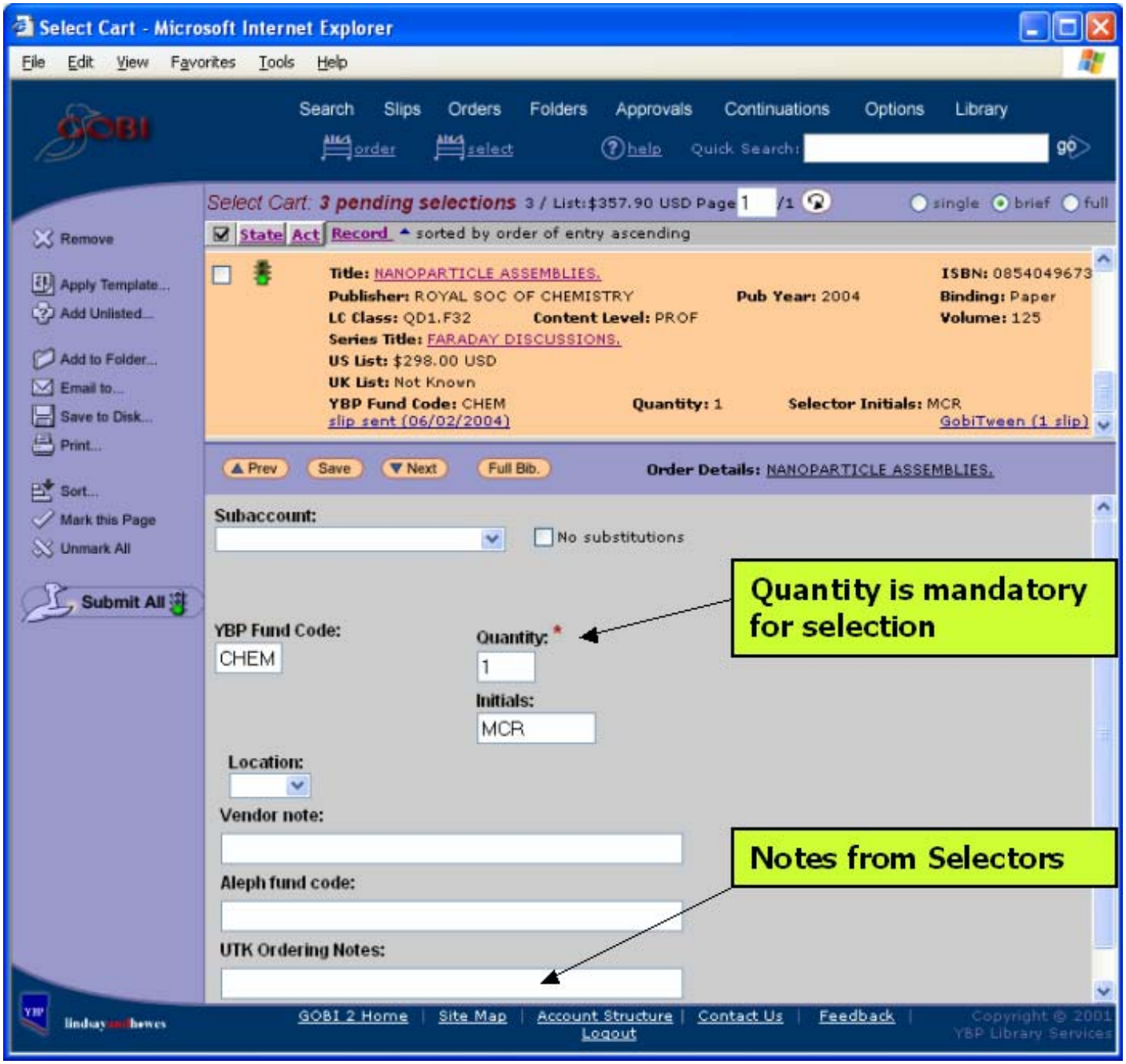
To create the ‘extras’ Aleph requires incoming bibs to contain certain fields:

- 049$$a – location code
- 980$$a – invoice/order date
- 980$$b – list price
- 980$$f – invoice number
- 980$$g – number of copies
- 981$$b – Aleph budget code
- 949$$b – barcode
- 949$$k – collection
- 949$$l – sublibrary
- 949$$m – material type
- 949$$n – item status

We customized YBP's system to fit our needs:

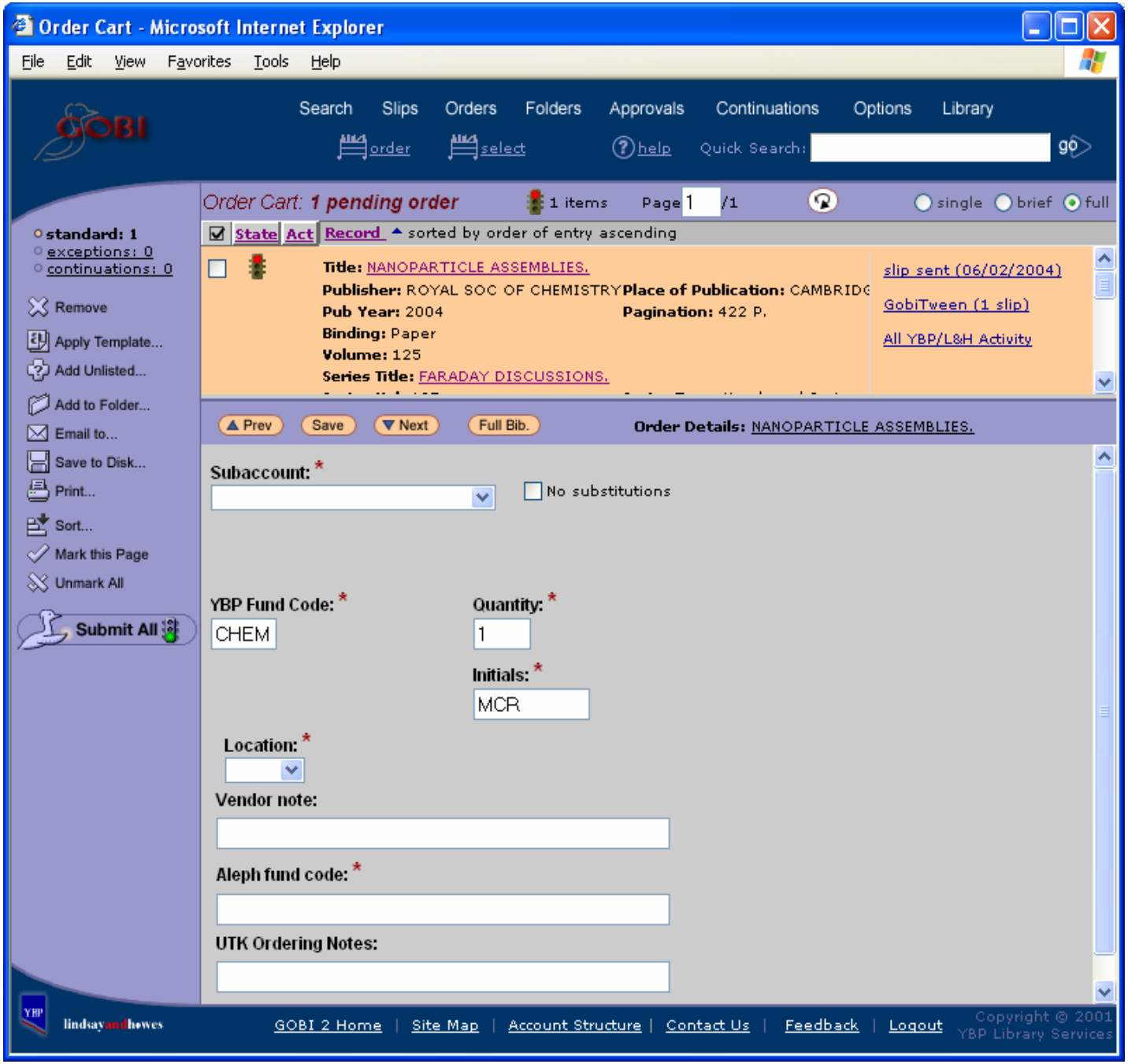


- Librarians have 'select' privileges
- TechServ staff have 'order' privileges



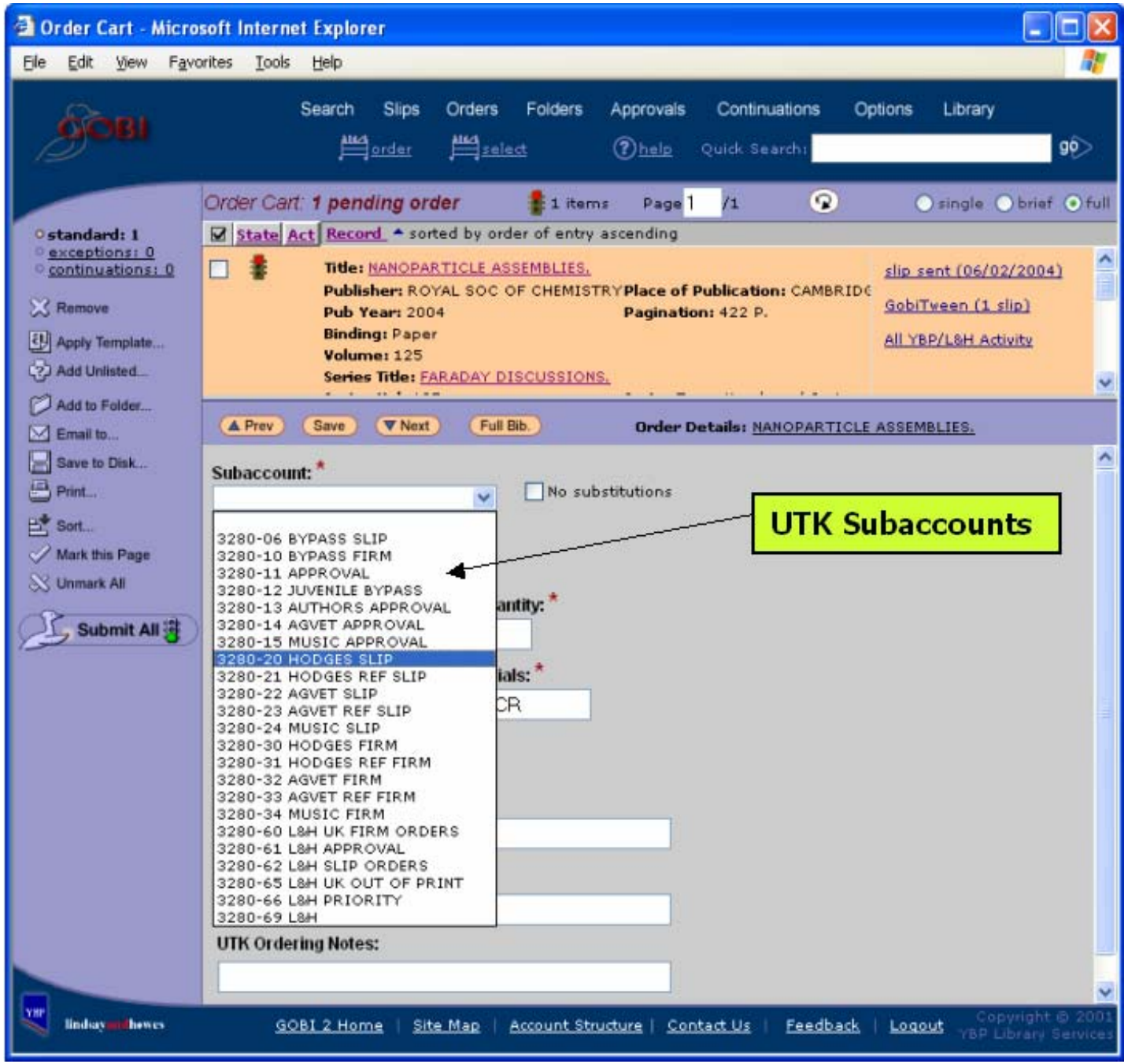
GOBI2: Selection screen

- Selectors can add order notes



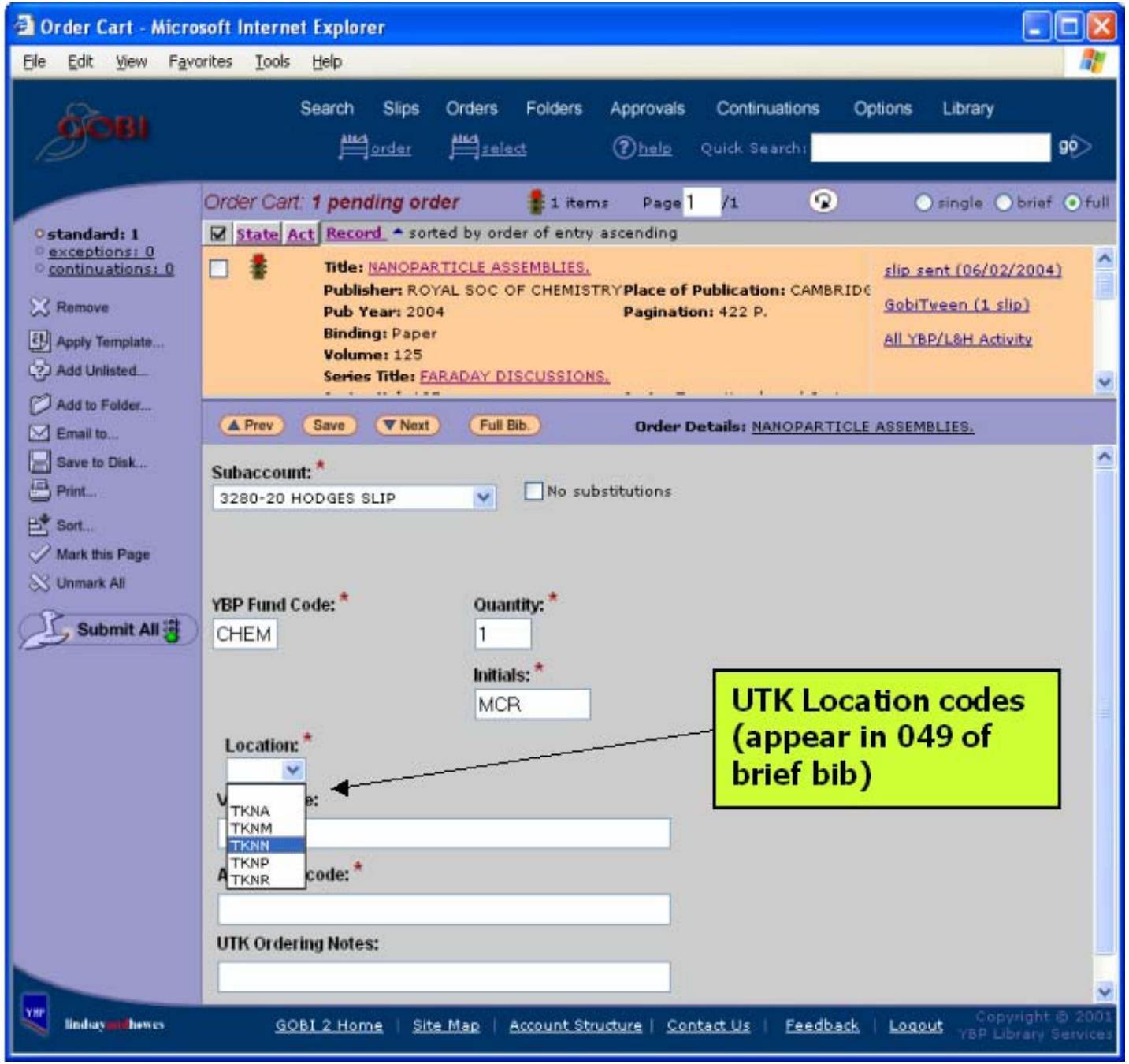
GOBI2: Order screen

- Subaccount
- YBP Fund Code
- Quantity
- Initials
- Location
- Aleph Fund Code



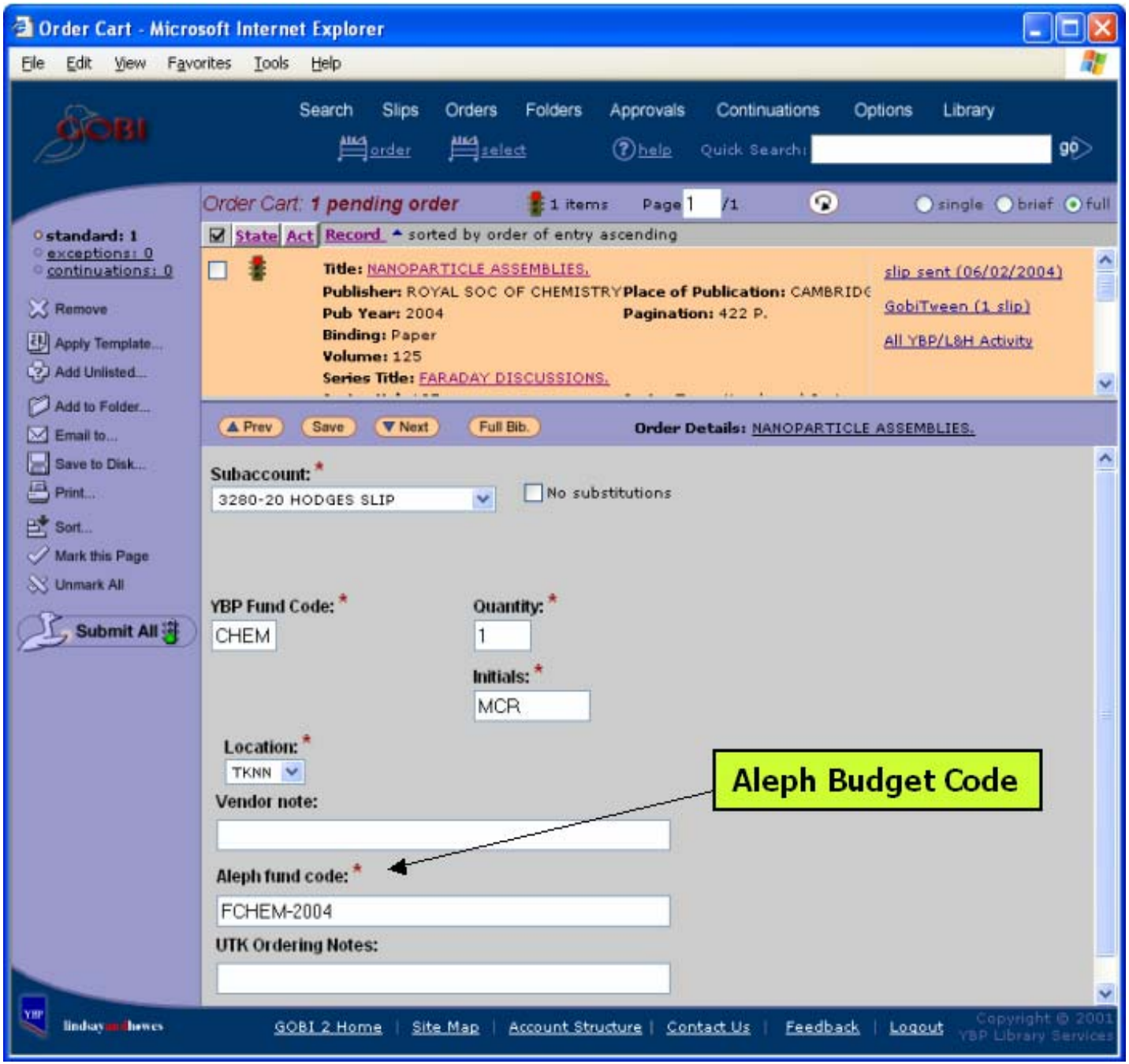
GOBI2: Order screen

- Drop-down list of UTK Subaccounts



GOBI2: Order screen

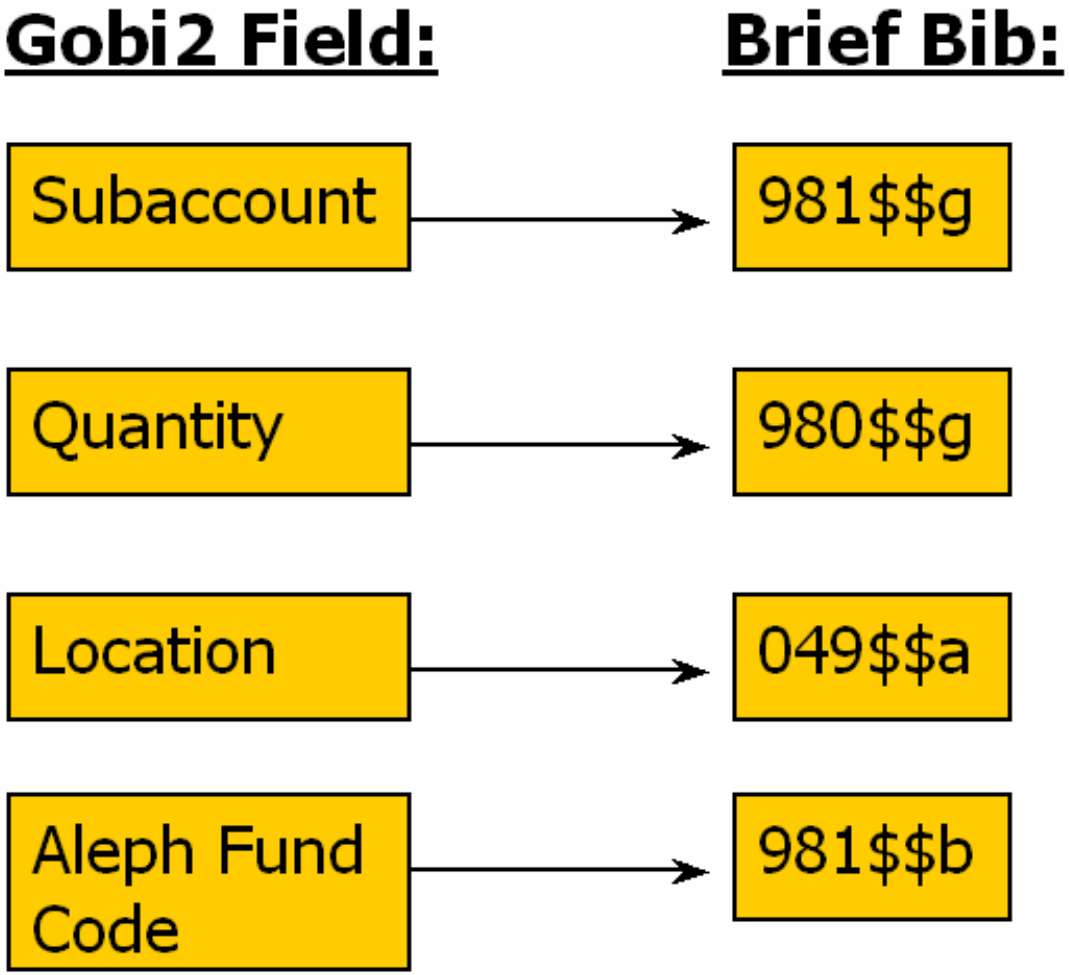
- Drop-down list of Locations



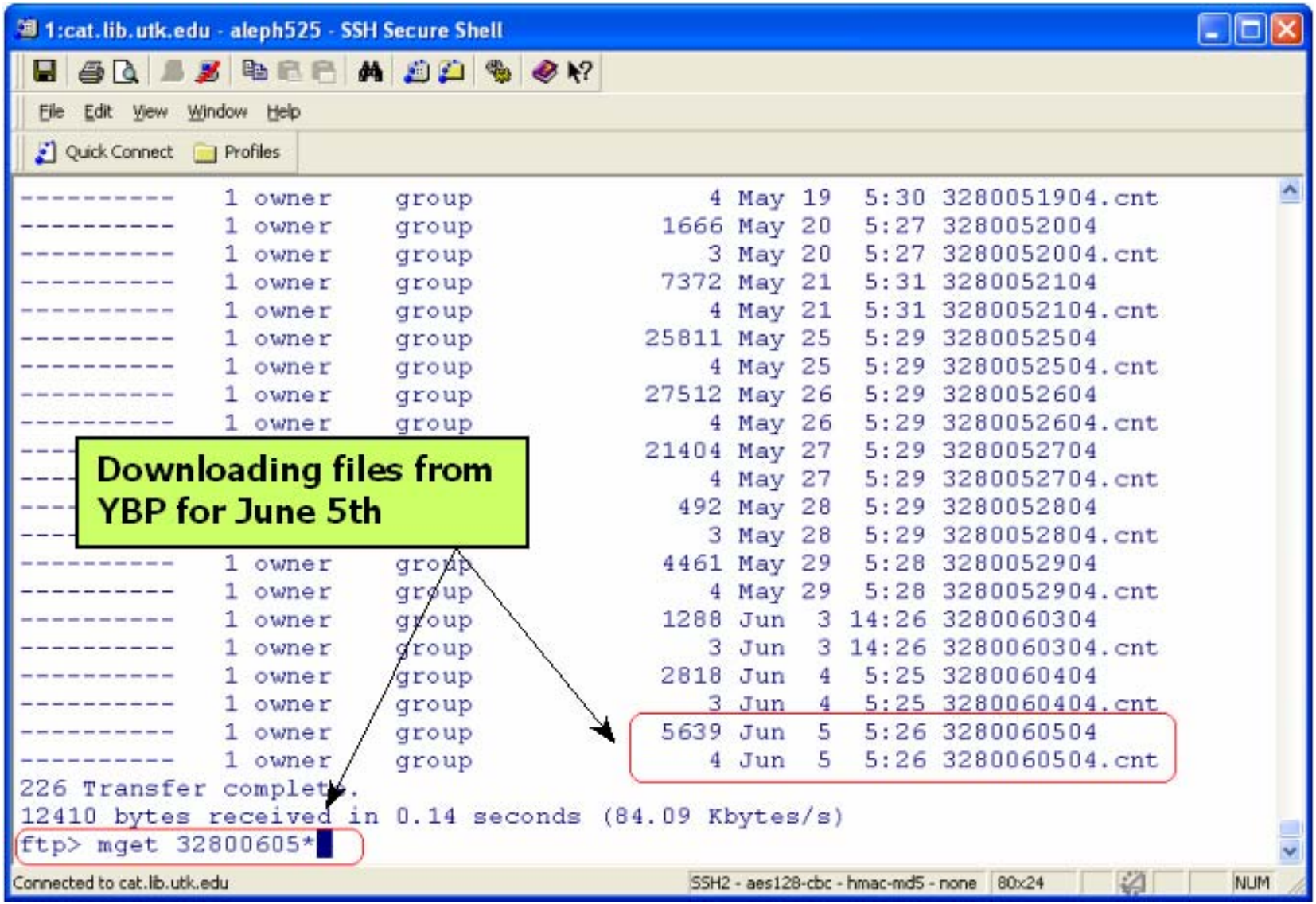
GOBI2: Order screen

- Correct Aleph budget is entered

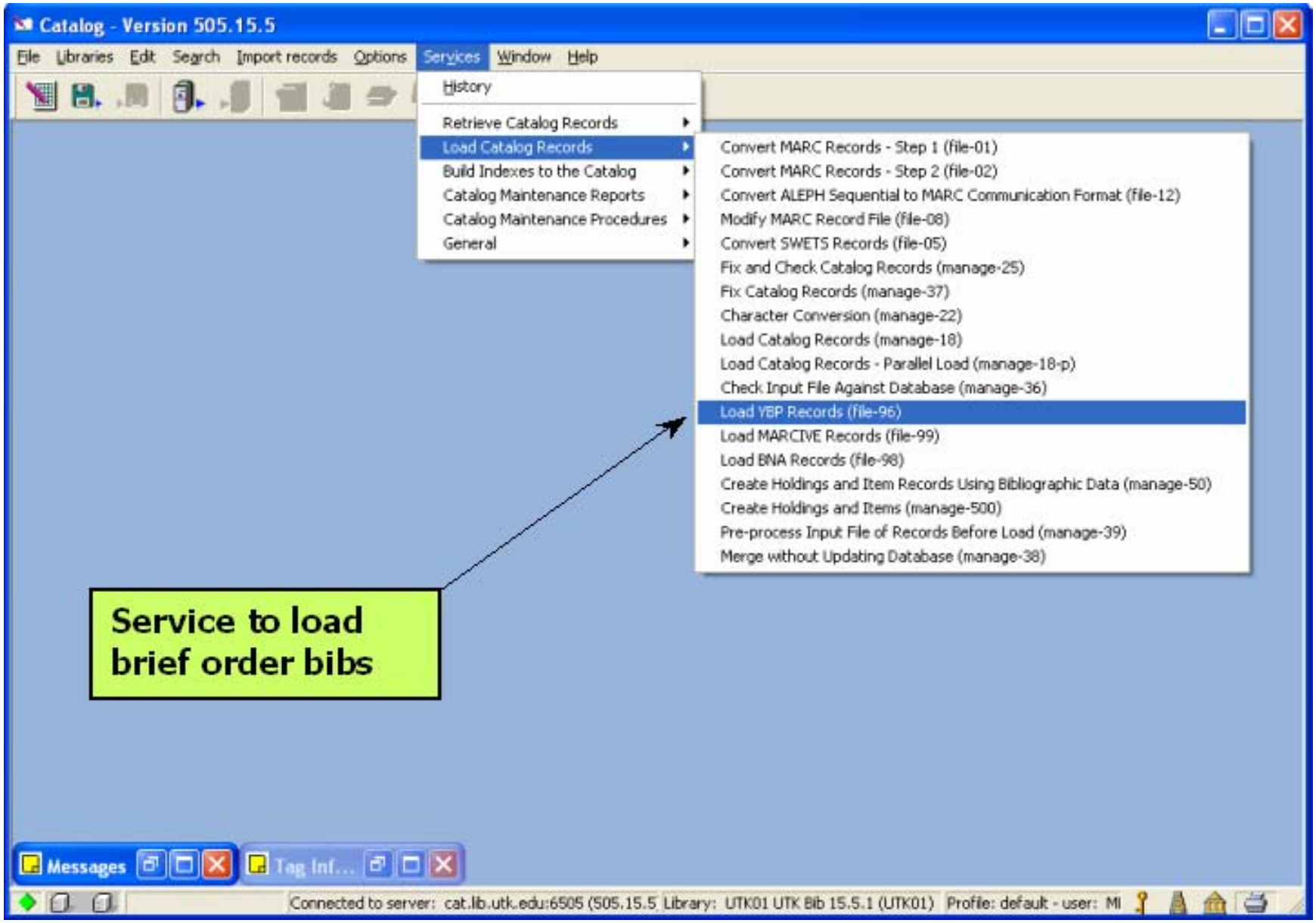
Data fields for each title ordered are mapped from the YBP system to the brief order bibs...



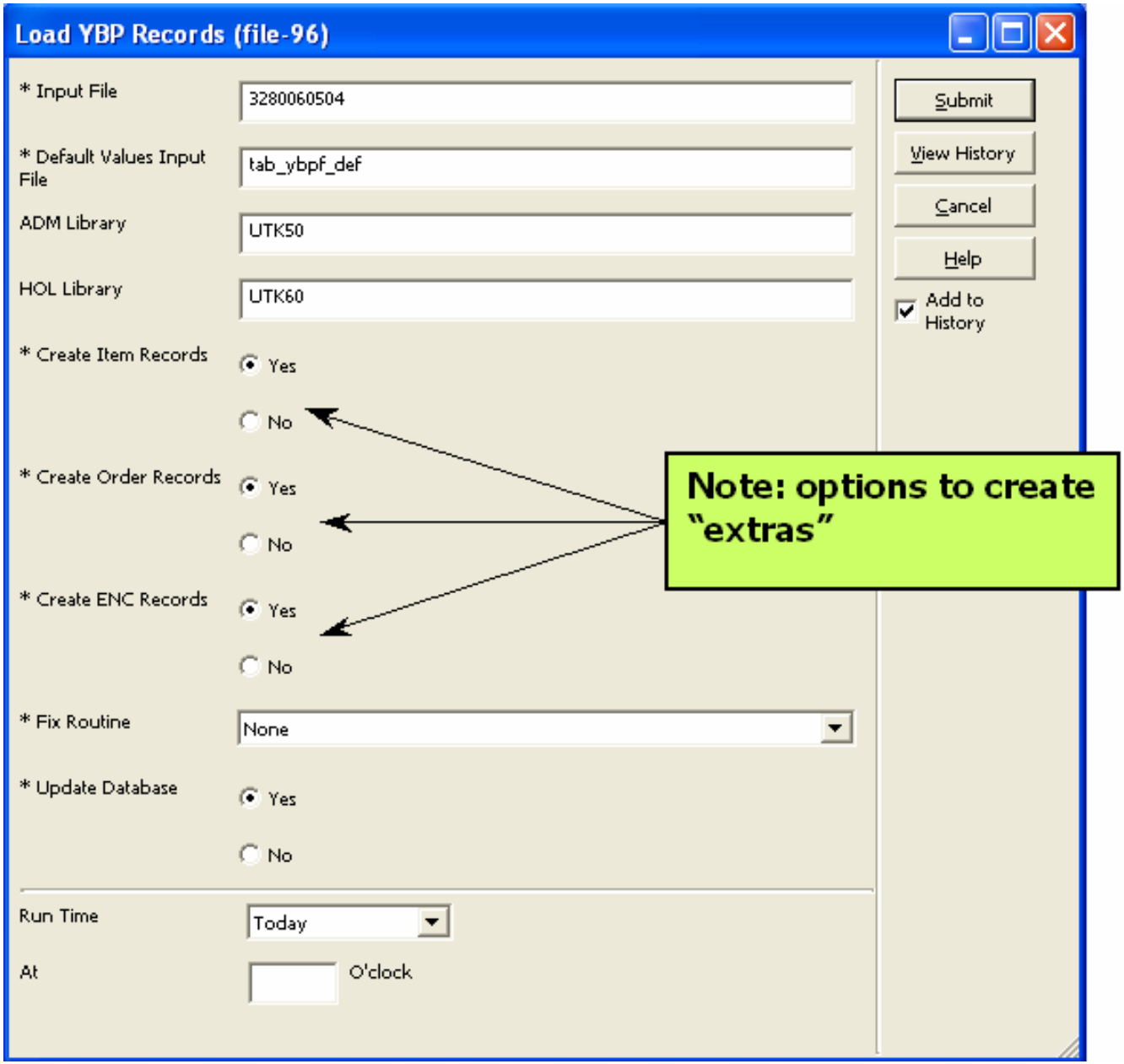
…which are supplied the next day as bib files on YBP's FTP server:



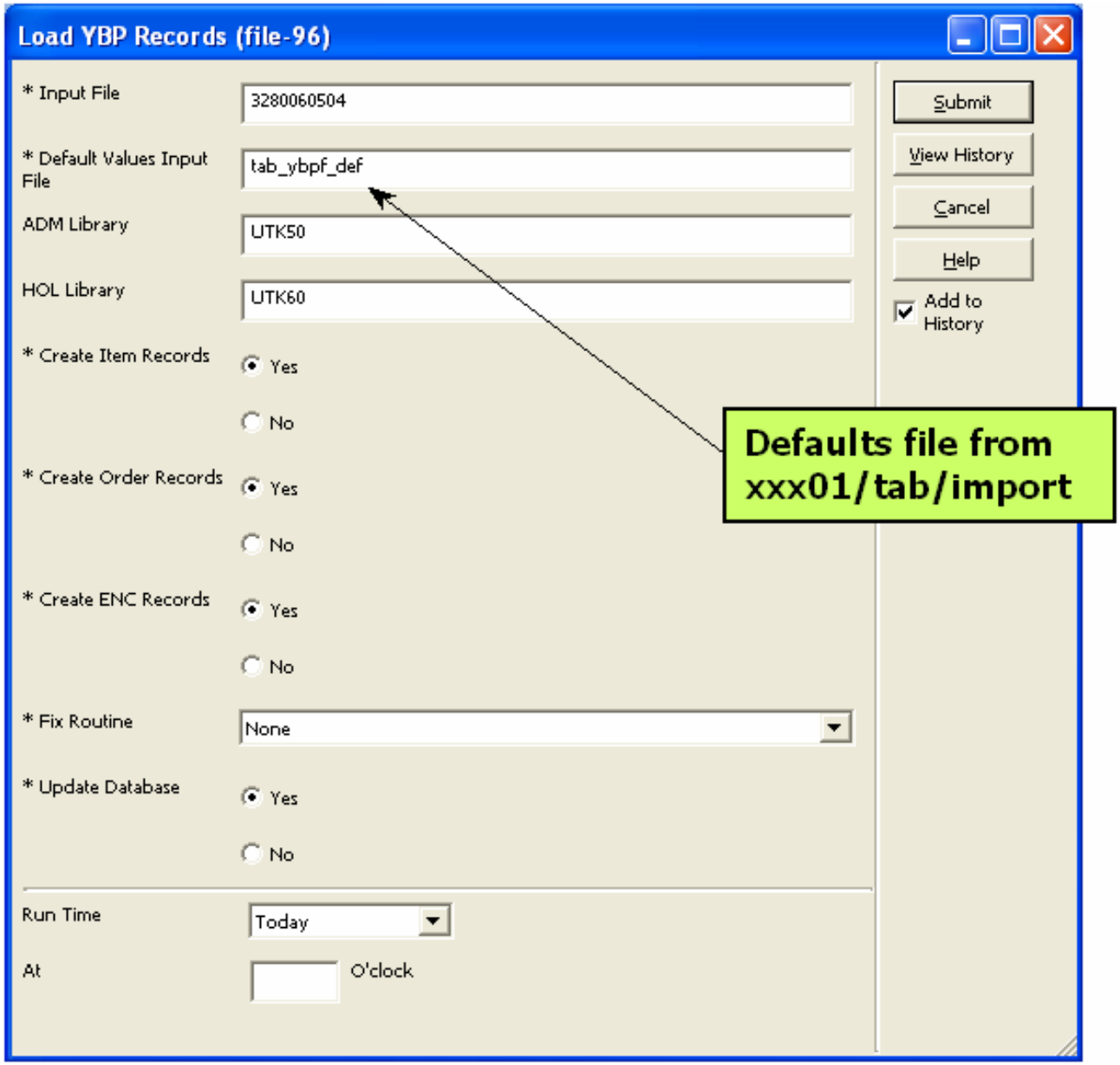
Loading brief bibs to Aleph: file-96



file-96: YBP record loader



file-96: YBP record loader



Aleph table used by file-96:

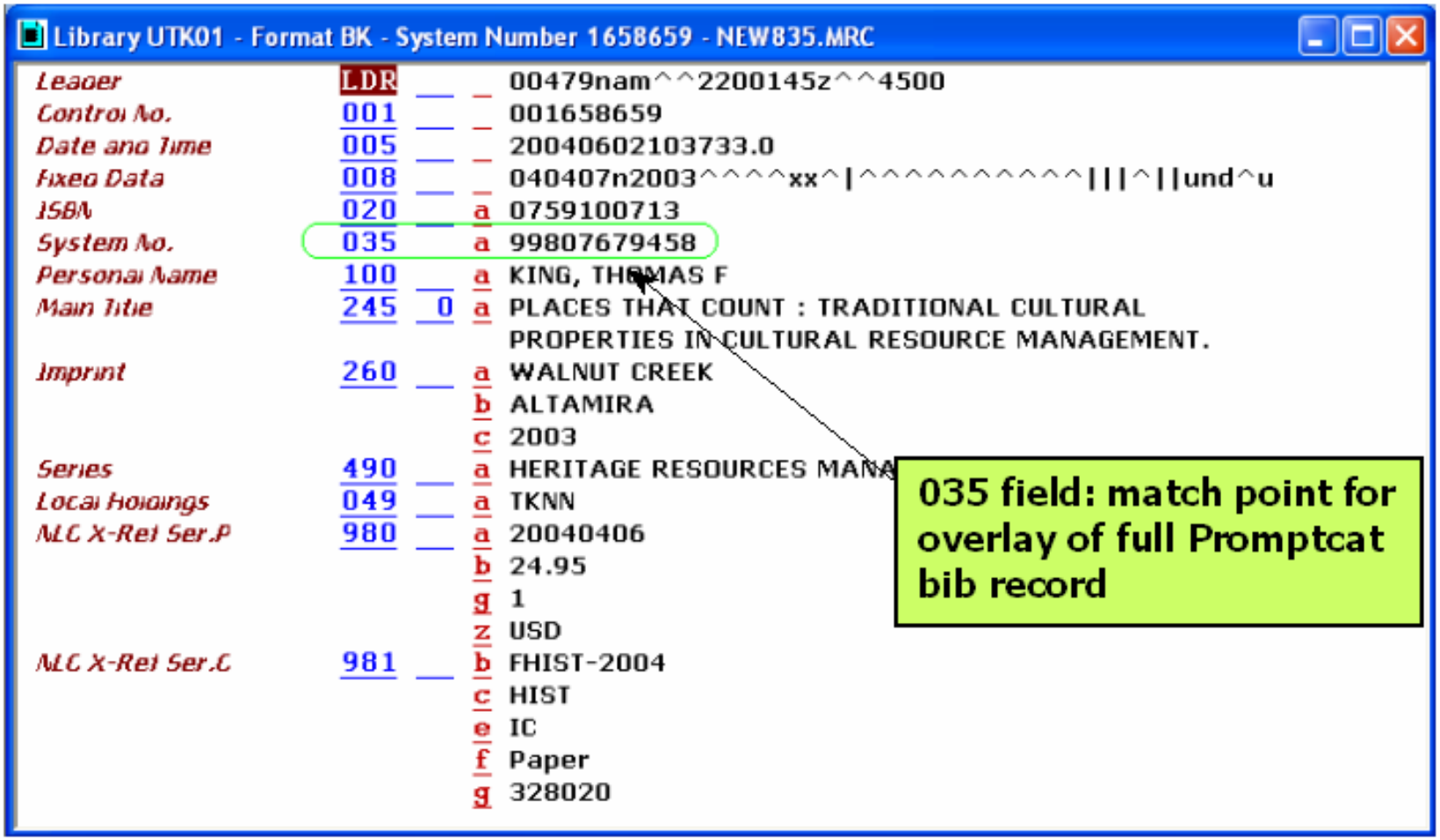
```
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!-!!!!!!!!!!-!!!!!!!!!!
CATALOGER                       ########## MROGERS2
ORDER-SEQ                       ########## mono
Z30-SUB-LIBRARY                 TKNN       H
Z30-SUB-LIBRARY                 TKNA       AGVET
Z30-SUB-LIBRARY                 TKNM       MUS
Z30-SUB-LIBRARY                 TKNP       MAP
Z30-SUB-LIBRARY                 TKNR       HREF
Z30-COLLECTION                  TKNN       STACK
Z30-COLLECTION                  TKNA       STACK
Z30-COLLECTION                  TKNM       STACK
Z30-COLLECTION                  TKNP       STACK
Z30-COLLECTION                  TKNR       REF
Z30-MATERIAL                    ########## BOOK
Z30-ITEM-STATUS                 ########## 01
Z30-CATALOGER                   ########## MROGERS2
Z30-CALL-NO-TYPE                ########## 0
Z30-ITEM-PROCESS-STATUS         ########## OR
Z68-SUB-LIBRARY                 TKNN       H
Z68-SUB-LIBRARY                 TKNA       AGVET
Z68-SUB-LIBRARY                 TKNM       MUS
Z68-SUB-LIBRARY                 TKNP       MAP
Z68-SUB-LIBRARY                 TKNR       HREF
Z68-ORDER-TYPE                  ########## M
Z68-ORDER-STATUS                ########## SV
Z68-ARRIVAL-STATUS              ########## P
Z68-VENDOR-CODE                 ########## YBPF
Z68-RUSH                        ########## N
Z68-DELIVERY-TYPE               ########## C
Z68-E-CURRENCY                  ########## USD
Z68-METHOD-OF-ACQUISITION       ########## P
Z68-ORDER-DELIVERY-TYPE         ########## LE
Z68-MATERIAL-TYPE               ########## M
Z68-SEND-METHOD                 ########## PRINT
Z68-TARGET-DIRECT               ########## X
Z68-ORDERING-UNIT               ########## MAIN
Z68-INVOICE-STATUS              ########## P
Z68-ORDER-GROUP                 ########## MAIN
Z601-VENDOR-CODE                ########## YBPF
Z601-USER-NAME                  ########## MROGERS2
Z601-CURRENCY                   ########## USD
Z601-TYPE                       ########## ENC
Z601-BUDGET-NUMBER              ########## YBP-2004
Z601-ORIGINAL-SUM               ########## 0010
```

tab_ybpf_def
loader defaults table for file-96

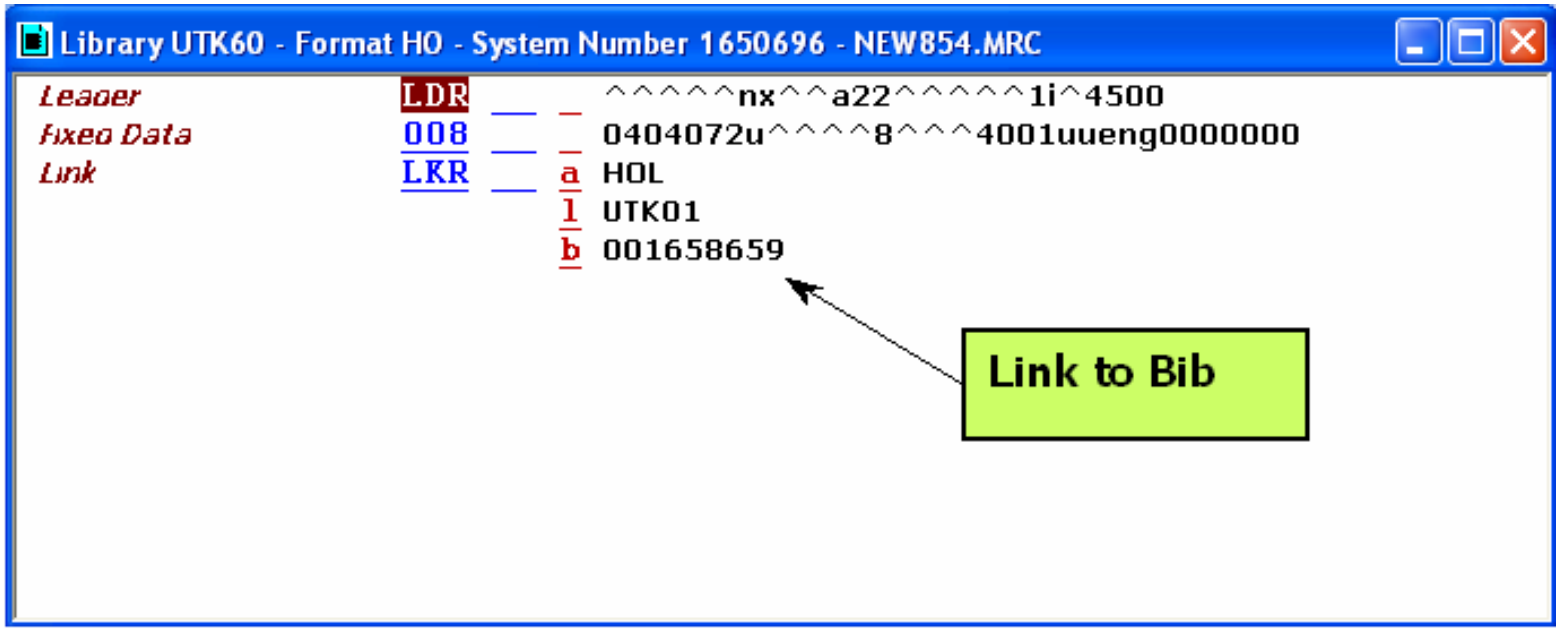
located in:
xxx01/tab/import

Values not specified in ExLibris documentation

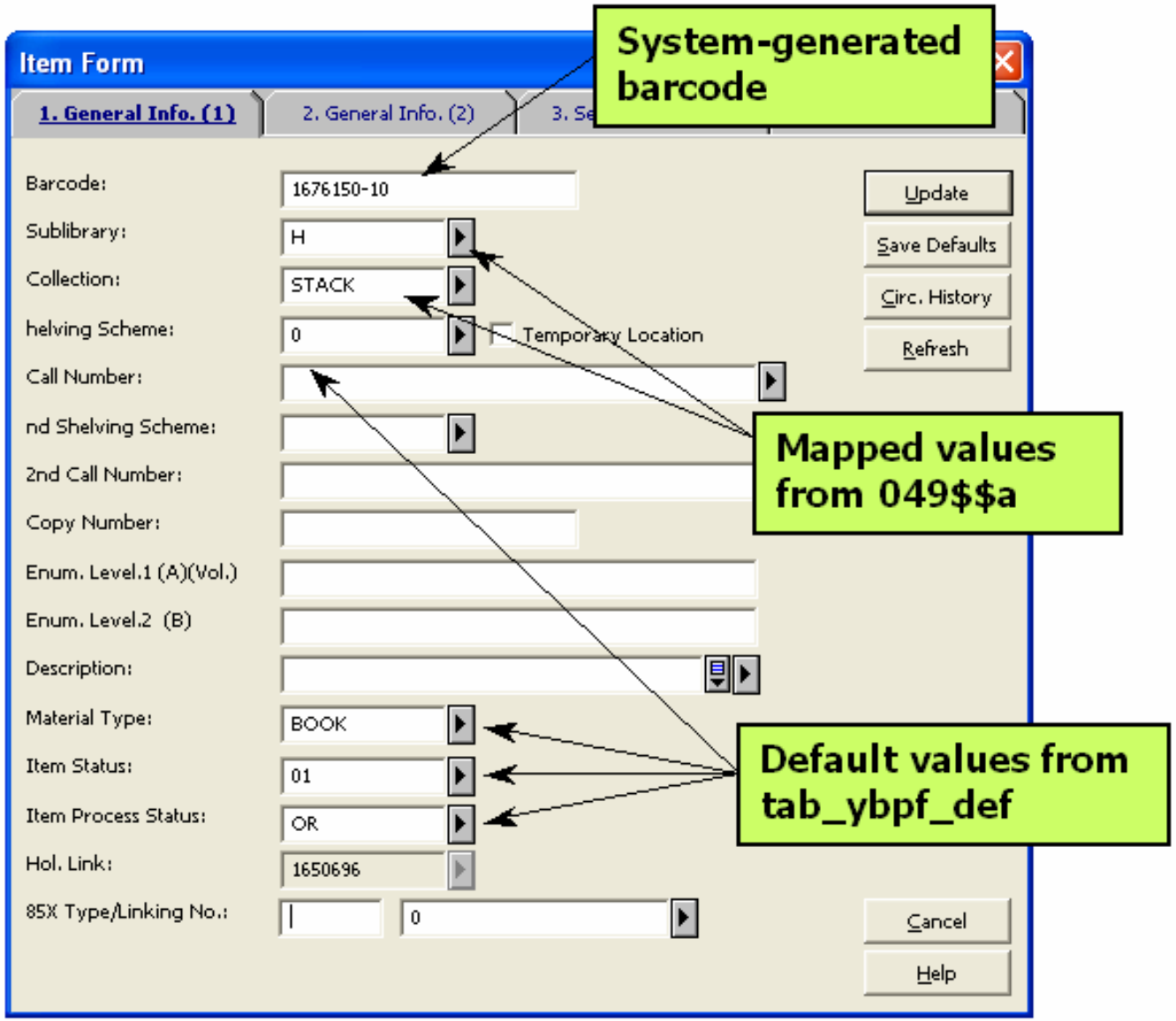
After submitting file-96, the brief bib (in ALL CAPS) is created in a matter of seconds...



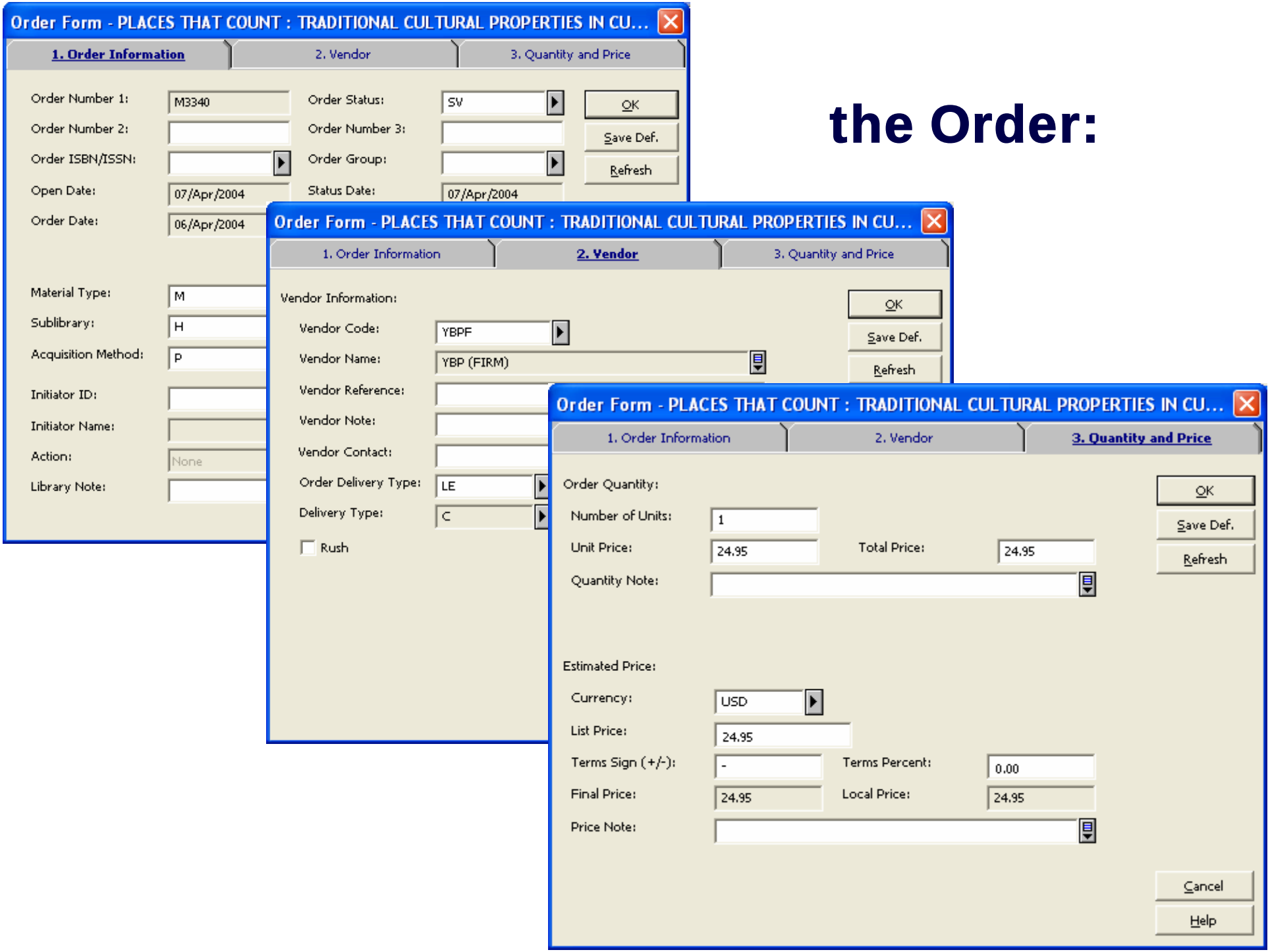
...along with a Holdings record:



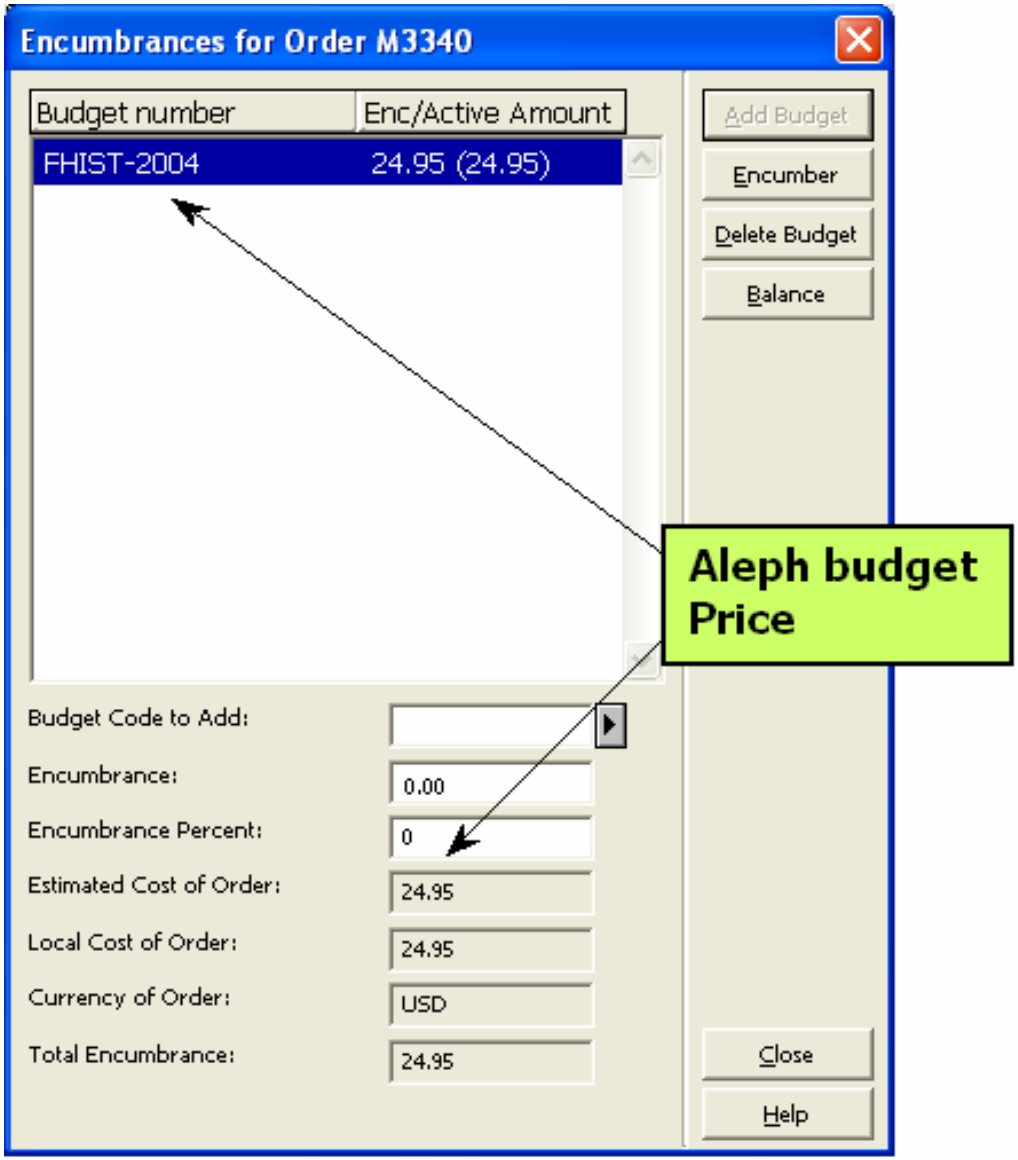
a “temporary” item:



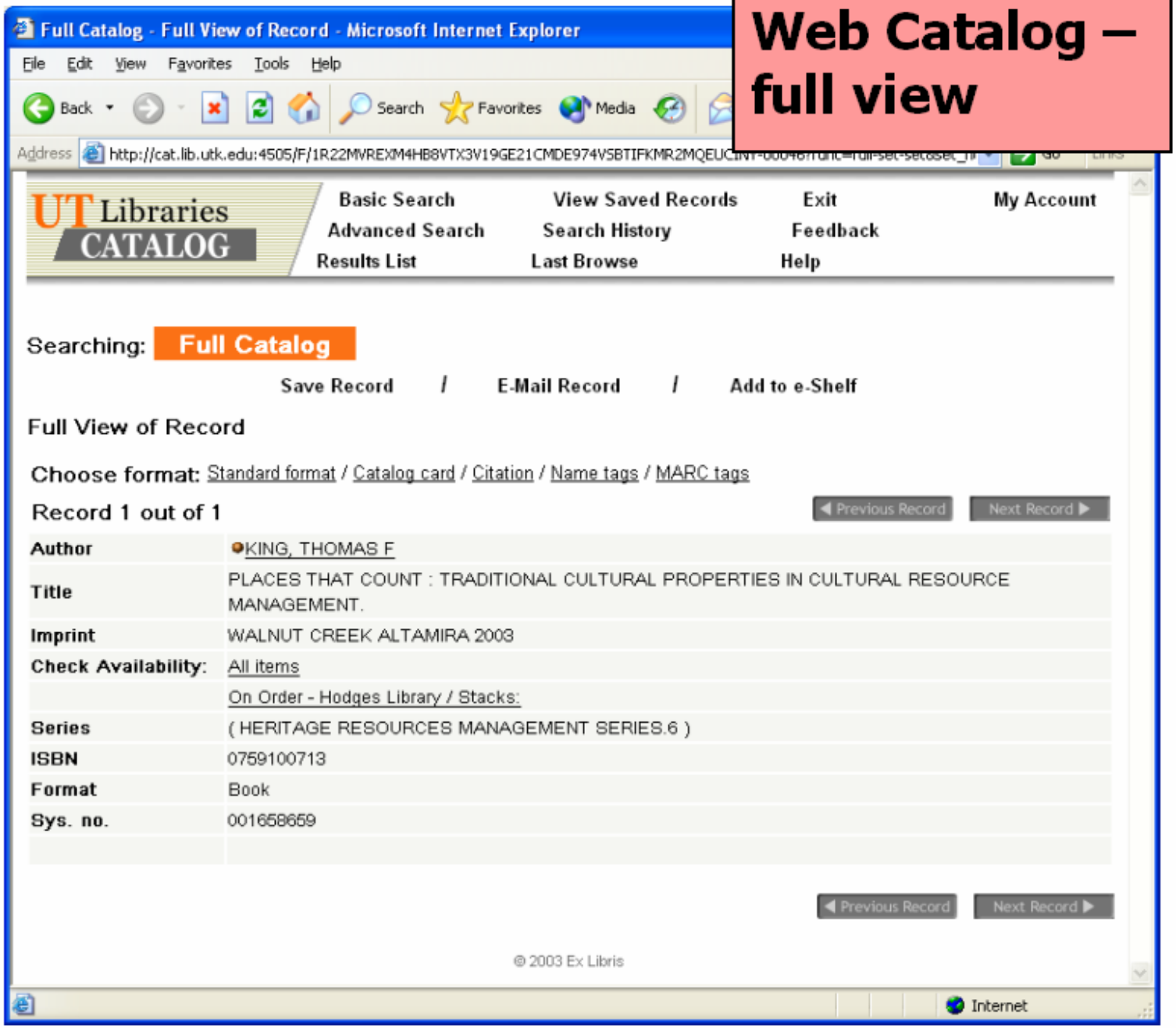
the Order:


Order Form - PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CU...
1. Order Information
2. Vendor
3. Quantity and Price
Order Number 1: M3340
Order Number 2:
Order ISBN/ISSN:
Open Date: 07/Apr/2004
Order Date: 06/Apr/2004
Order Status: SV
Order Number 3:
Order Group:
Status Date: 07/Apr/2004
OK
Save Def.
Refresh
Material Type: M
Sublibrary: H
Acquisition Method: P
Initiator ID:
Initiator Name:
Action: None
Library Note:
Vendor Information:
Vendor Code: YBPF
Vendor Name: YBP (FIRM)
Vendor Reference:
Vendor Note:
Vendor Contact:
Order Delivery Type: LE
Delivery Type: C
Rush
Order Quantity:
Number of Units: 1
Unit Price: 24.95
Total Price: 24.95
Quantity Note:
Estimated Price:
Currency: USD
List Price: 24.95
Terms Sign (+/-): -
Terms Percent: 0.00
Final Price: 24.95
Local Price: 24.95
Price Note:
Cancel
Help

and the Budget Encumbrance.



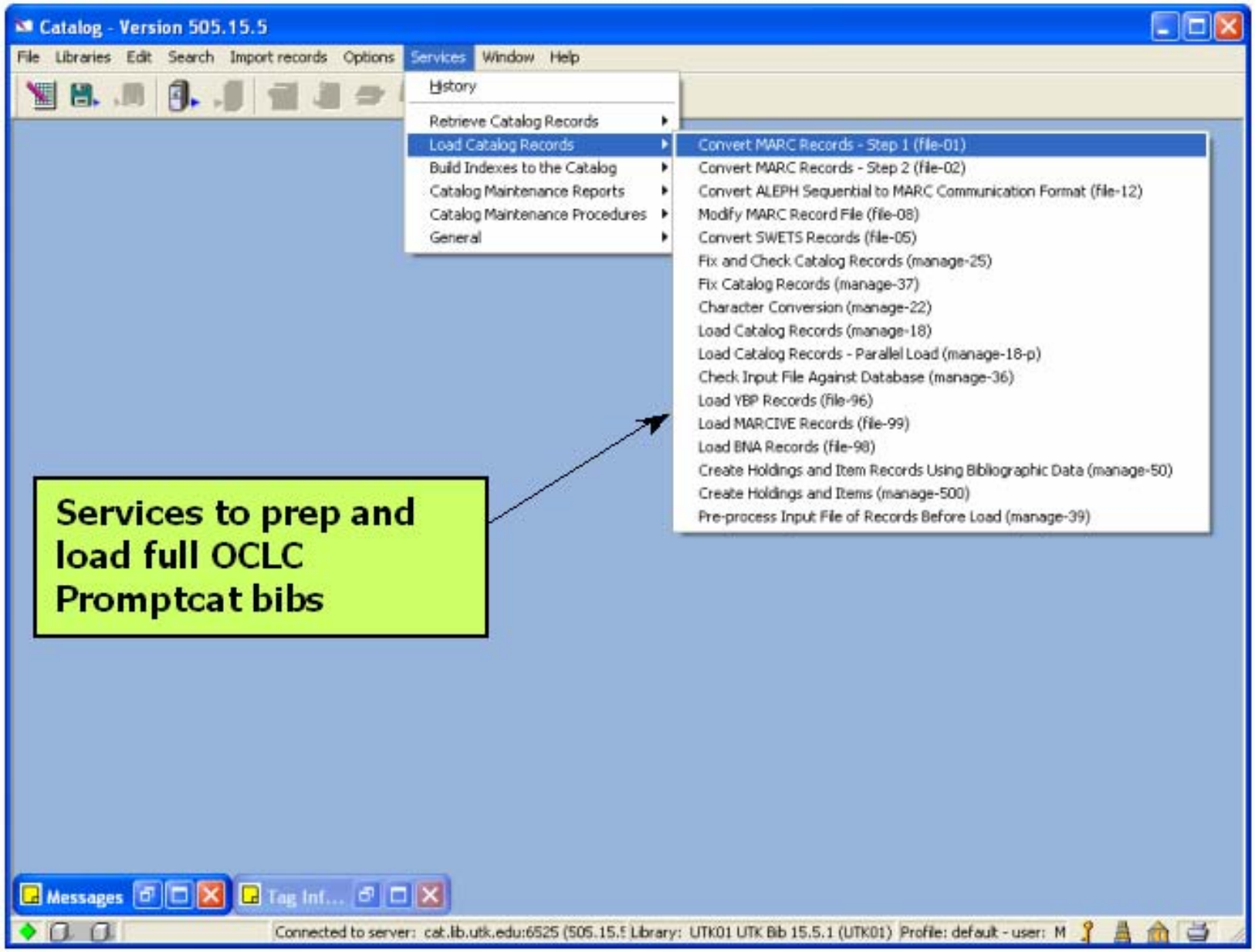
Web Catalog – full view

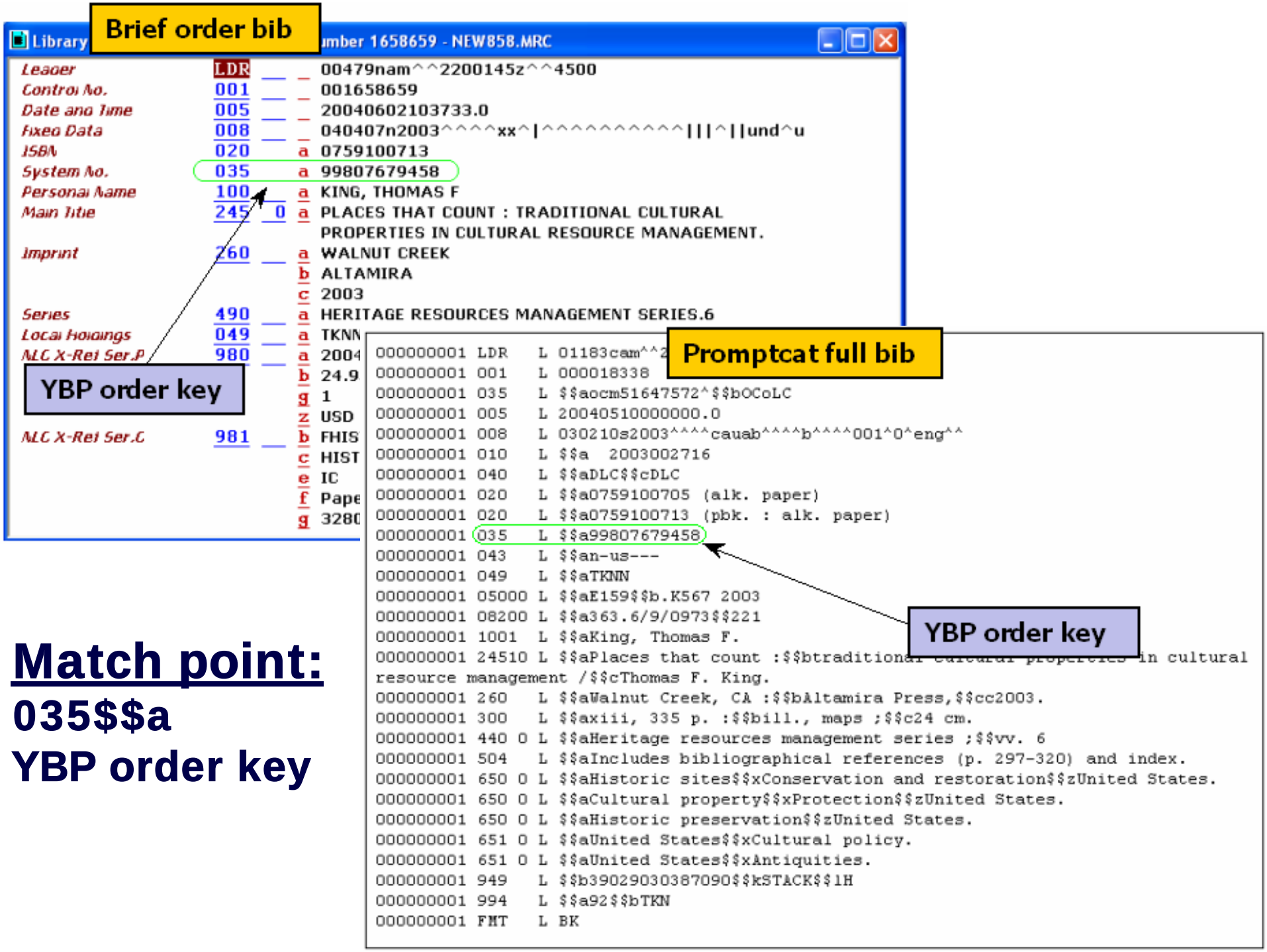


Aleph Cataloging services for loading full OCLC Promptcat bibs:

- file-01, file-02 - Convert to Aleph sequential
- manage-37 - Move OCLC# from 001 to 035
- manage-22 - Character conversion
- manage-36 - Check for duplicates
- manage-38 - Merge fields for unique matches
- manage-18 - Load/overlay unique matches

Loading full bibs to Aleph: Cataloging services





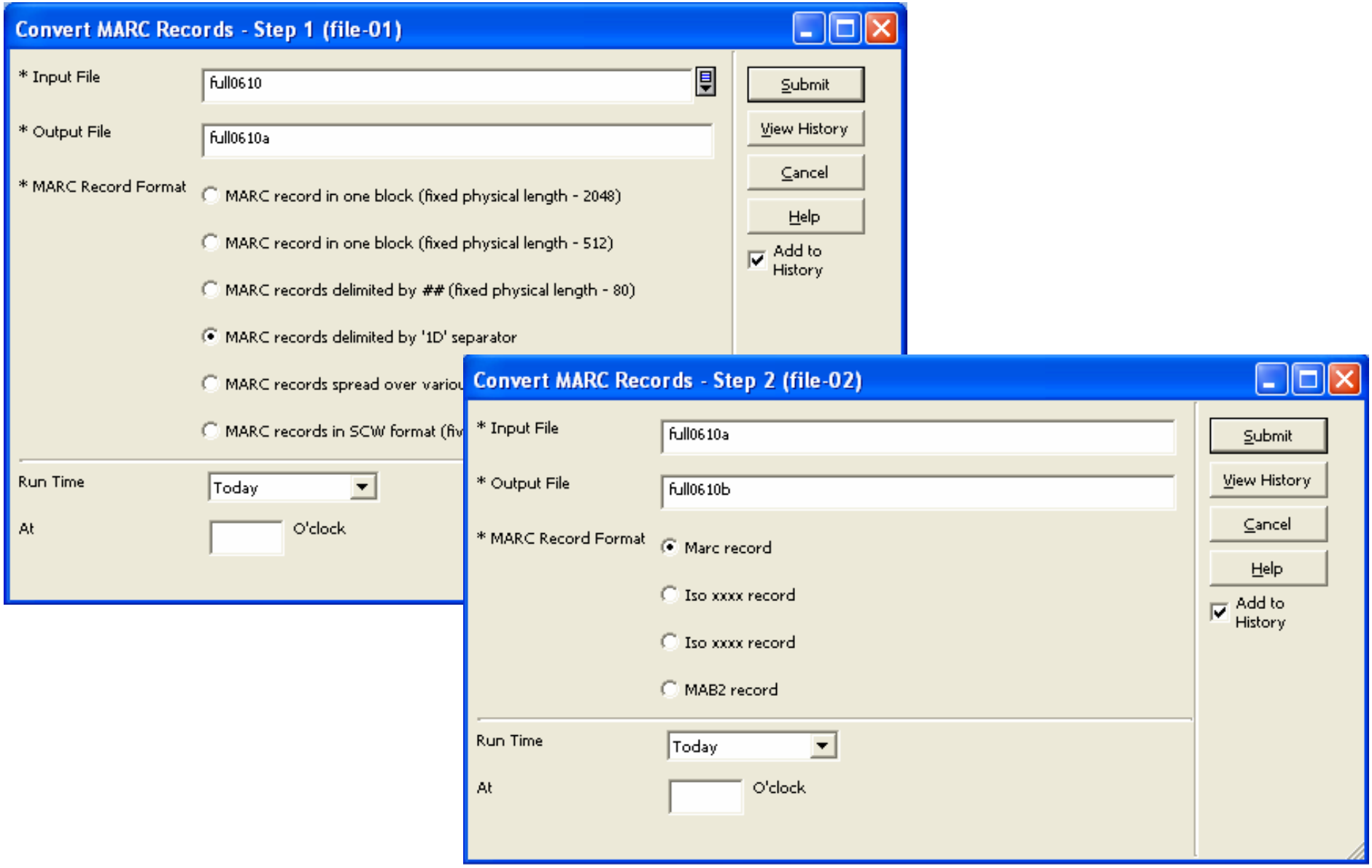
Match point:

035$$a

YBP order key

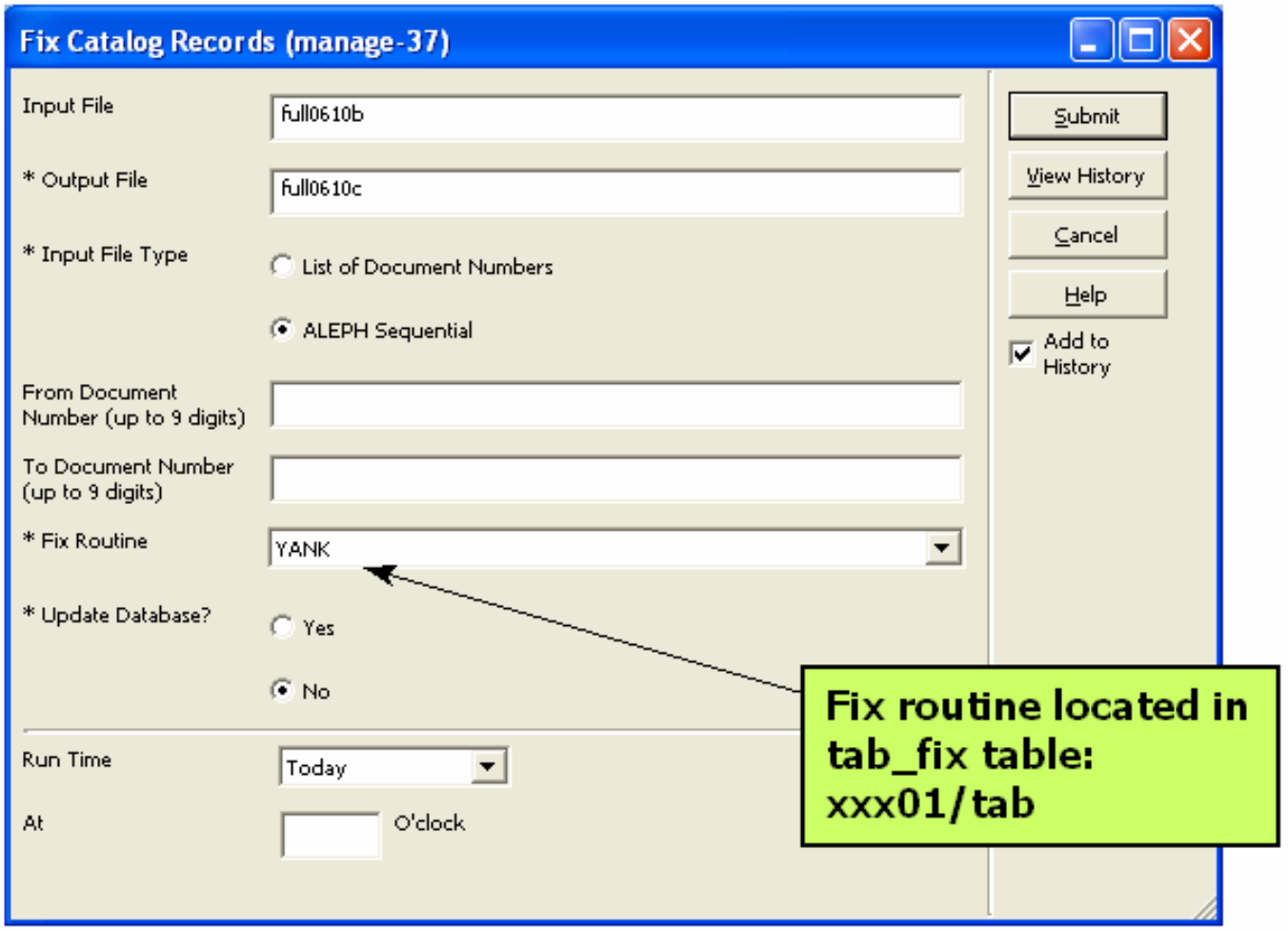
file-01, file-02

Converts file to Aleph Sequential



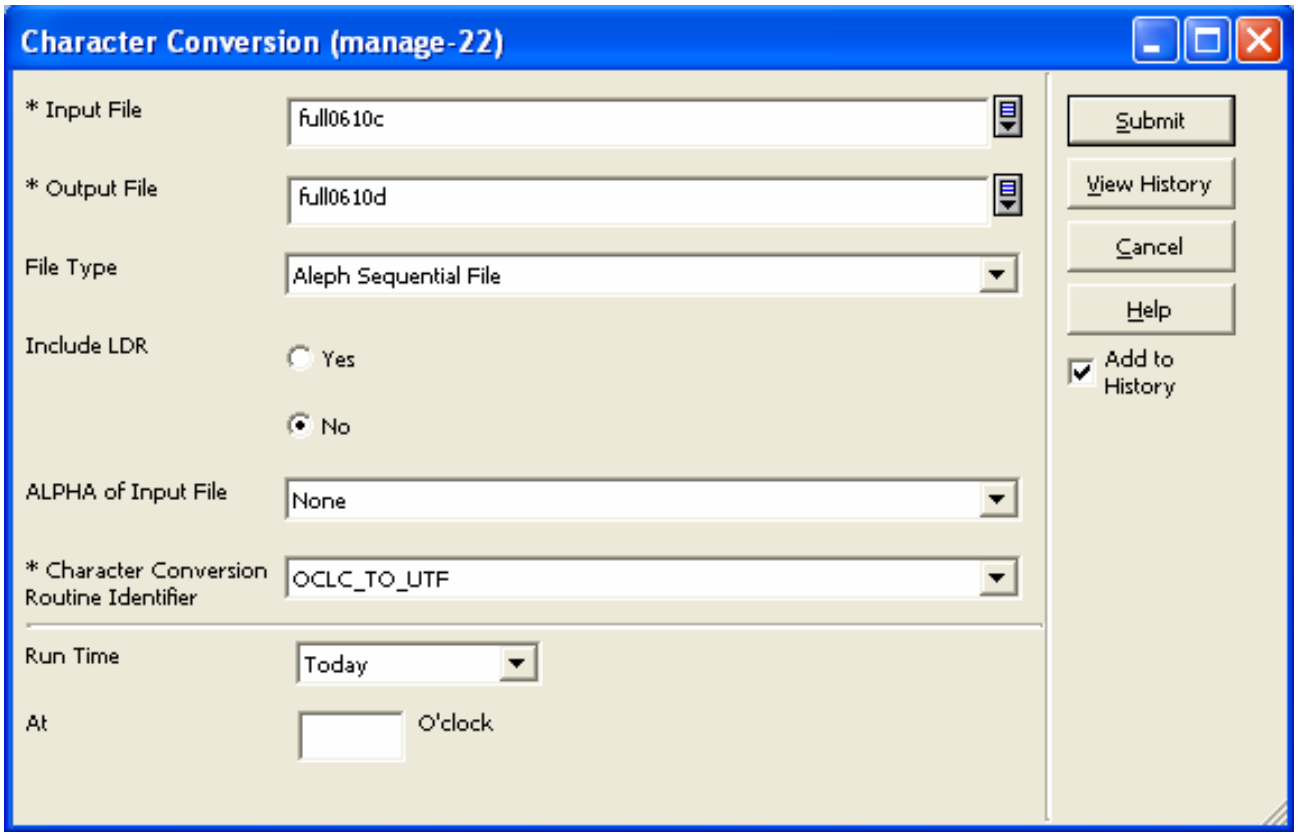
manage-37

Moves OCLC# from 001 to 035

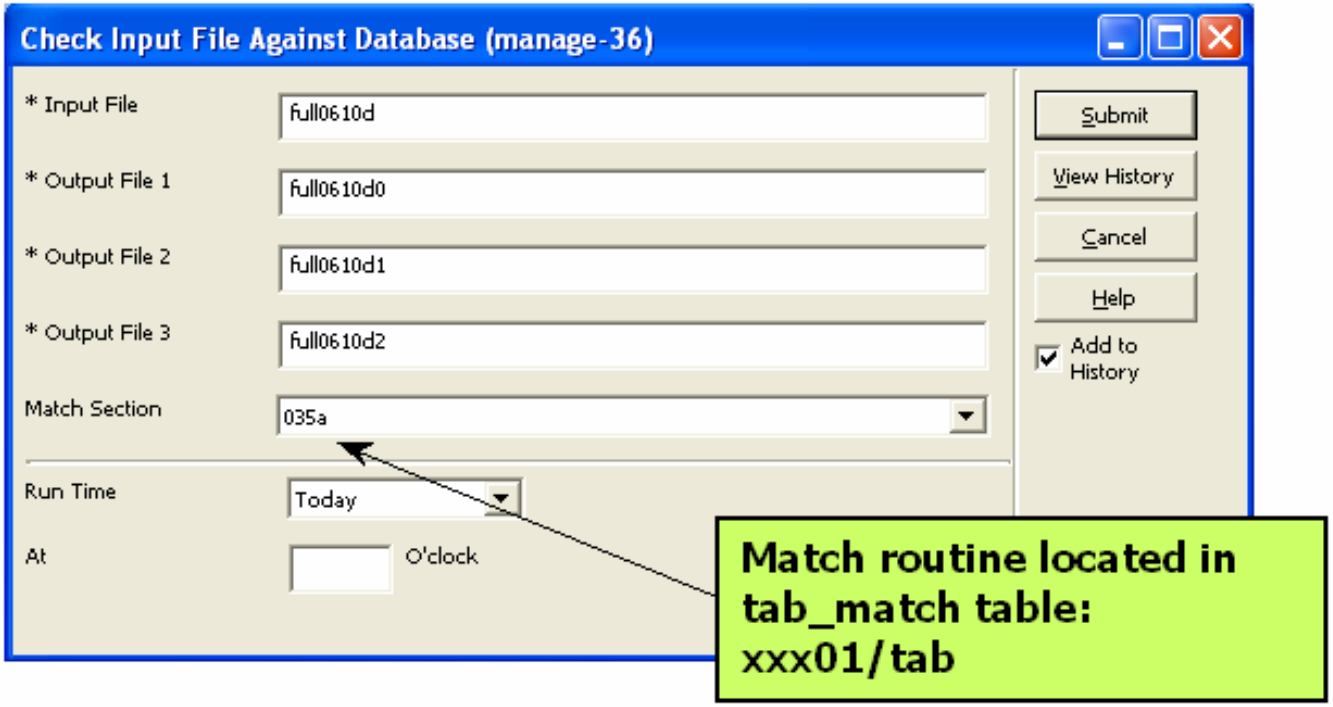


manage-22

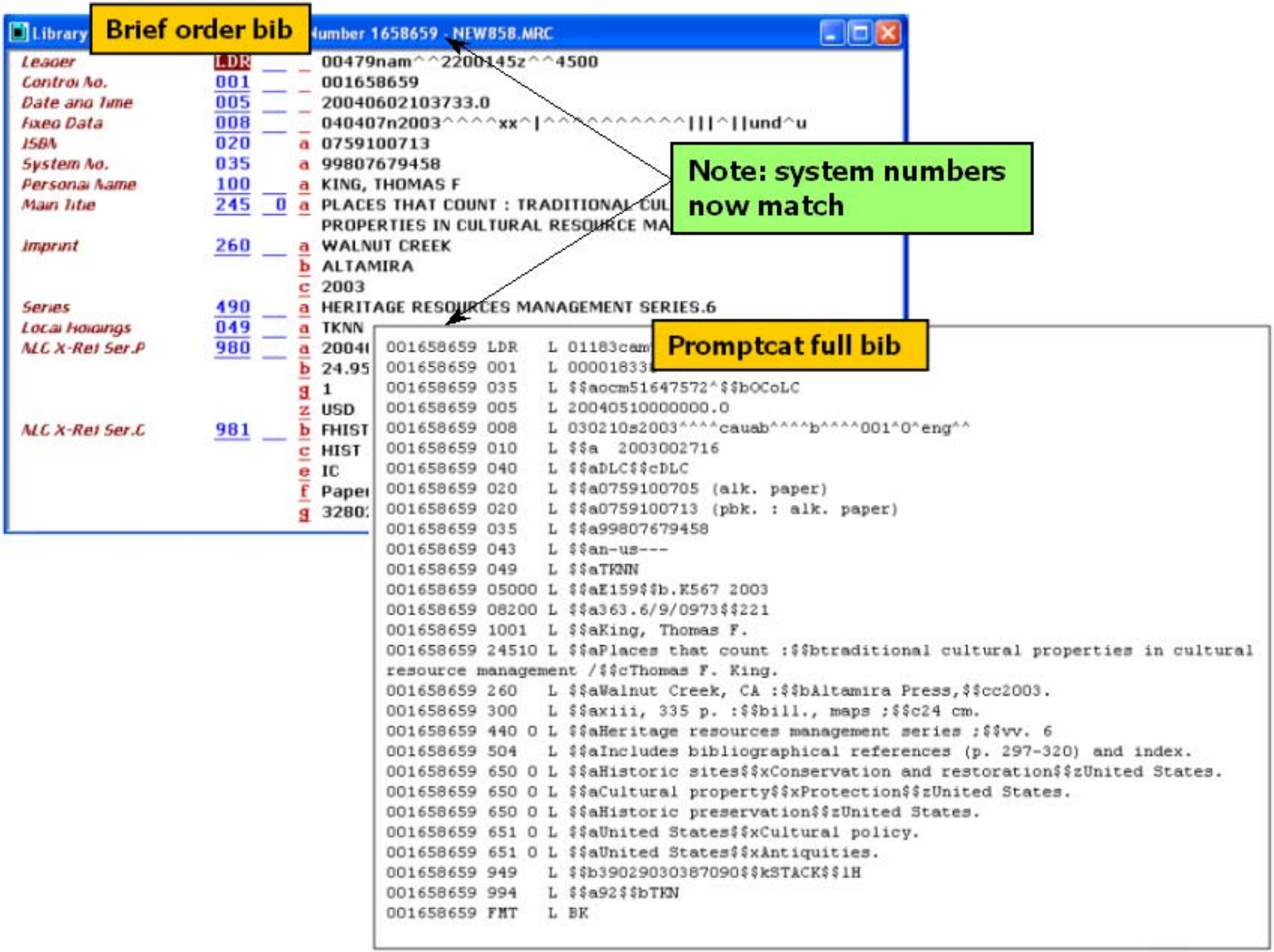
Character conversion from OCLC to UTF



manage-36
Check for duplicates



- Output file 1= no matches
- Output file 2= one-to-one matches
- Output file 3= multiple matches


Brief order bib
Library
Number 1658659 - NEW858.MRC
Leader LDR 00479nam^^2200145z^^4500
Control No. 001 001658659
Date and Time 005 20040602103733.0
Fixed Data 008 040407n2003^^^^xx^|^^^^^^^^^^|||^||und^u
ISBN 020 a 0759100713
System No. 035 a 99807679458
Personal Name 100 a KING, THOMAS F
Main Title 245 0 a PLACES THAT COUNT : TRADITIONAL CUL
PROPERTIES IN CULTURAL RESOURCE MA
Imprint 260 a WALNUT CREEK
b ALTAMIRA
c 2003
Series 490 a HERITAGE RESOURCES MANAGEMENT SERIES.6
Local Holdings 049 a TKNN
NLC X-Ref Ser.P 980 a 2004
b 24.95
g 1
z USD
NLC X-Ref Ser.C 981 b FHIST
c HIST
e IC
f Paper
g 3280
Note: system numbers now match
Promptcat full bib
001658659 LDR L 01183cam
001658659 001 L 00001833
001658659 035 L $$aocm51647572^$$bOCoLC
001658659 005 L 20040510000000.0
001658659 008 L 030210s2003^^^^cauab^^^^b^^^^001^0^eng^^
001658659 010 L $$a 2003002716
001658659 040 L $$aDLC$$cDLC
001658659 020 L $$a0759100705 (alk. paper)
001658659 020 L $$a0759100713 (pbk. : alk. paper)
001658659 035 L $$a99807679458
001658659 043 L $$an-us---
001658659 049 L $$aTKNN
001658659 05000 L $$aE159$$b.K567 2003
001658659 08200 L $$a363.6/9/0973$$221
001658659 1001 L $$aKing, Thomas F.
001658659 24510 L $$aPlaces that count :$$btraditional cultural properties in cultural resource management /$$cThomas F. King.
001658659 260 L $$aWalnut Creek, CA :$$bAltamira Press,$$cc2003.
001658659 300 L $$axiii, 335 p. :$$bill., maps ;$$c24 cm.
001658659 440 0 L $$aHeritage resources management series ;$$vv. 6
001658659 504 L $$aIncludes bibliographical references (p. 297-320) and index.
001658659 650 0 L $$aHistoric sites$$xConservation and restoration$$zUnited States.
001658659 650 0 L $$aCultural property$$xProtection$$zUnited States.
001658659 650 0 L $$aHistoric preservation$$zUnited States.
001658659 651 0 L $$aUnited States$$xCultural policy.
001658659 651 0 L $$aUnited States$$xAntiquities.
001658659 949 L $$b39029030387090$$kSTACK$$1H
001658659 994 L $$a92$$bTKN
001658659 FMT L BK

We retain certain fields in the brief bibs by using a merge routine:

tab_merge_overlay

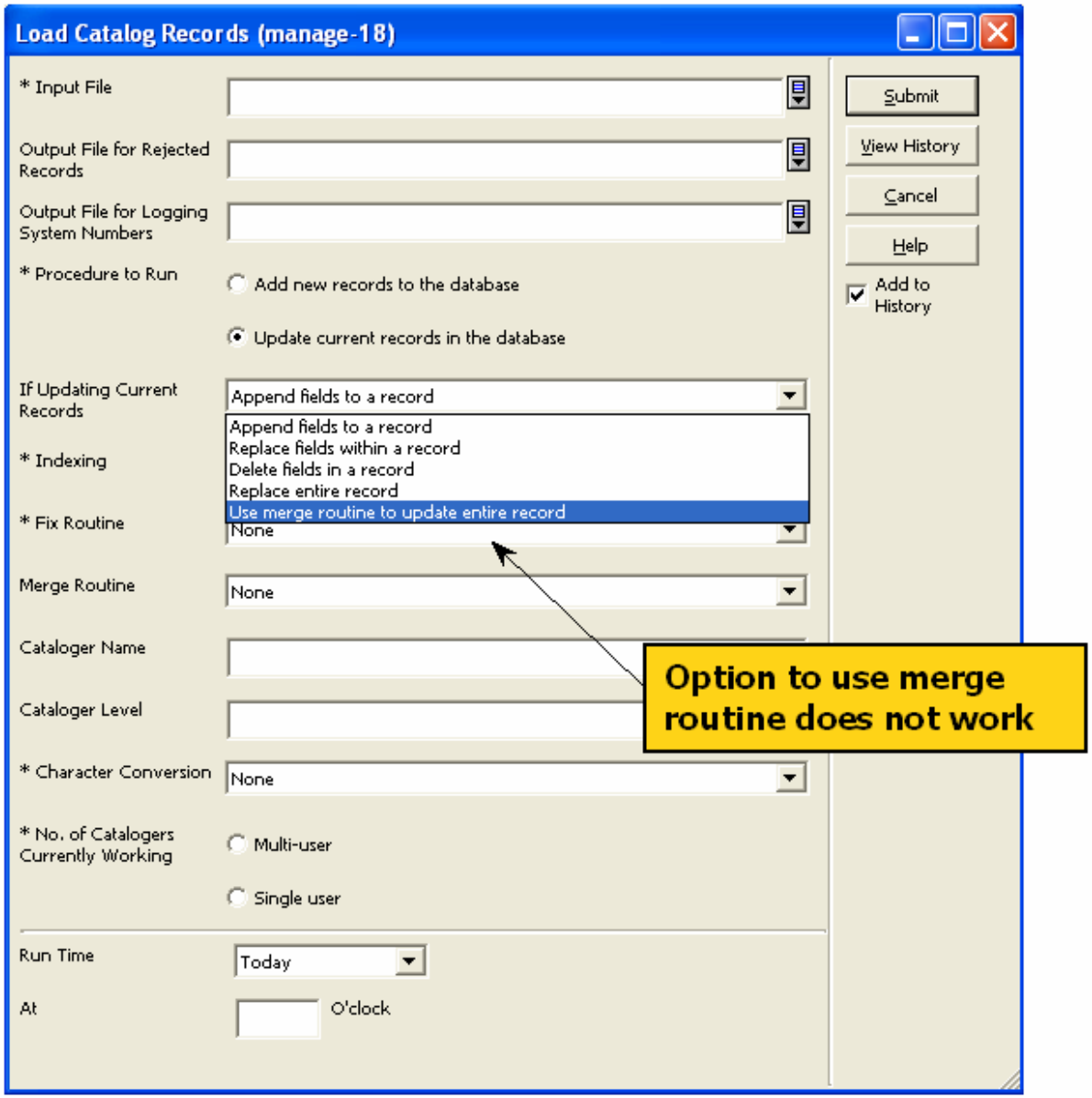
```
!1 2 3           4
!!-!-!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

01 1 N #####
01 1 Y 980##
01 1 Y 981##
01 1 Y CAT
01 2 Y #####

02 1 N #####
02 2 Y #####

03 1 N #####
03 1 Y 099##
03 1 Y 501##
03 1 Y 59###
03 1 Y 690##
03 1 Y 790##
03 1 Y 791##
03 1 Y 793##
03 1 Y 852##
03 1 Y CAT
03 1 Y 049##
03 2 Y #####
03 2 N 099##
```

-Aleph table

located in xxx01/tab

determines which tags in incoming and existing bib records to keep or discard

However, manage-18 has a bug (merge routines do not work):



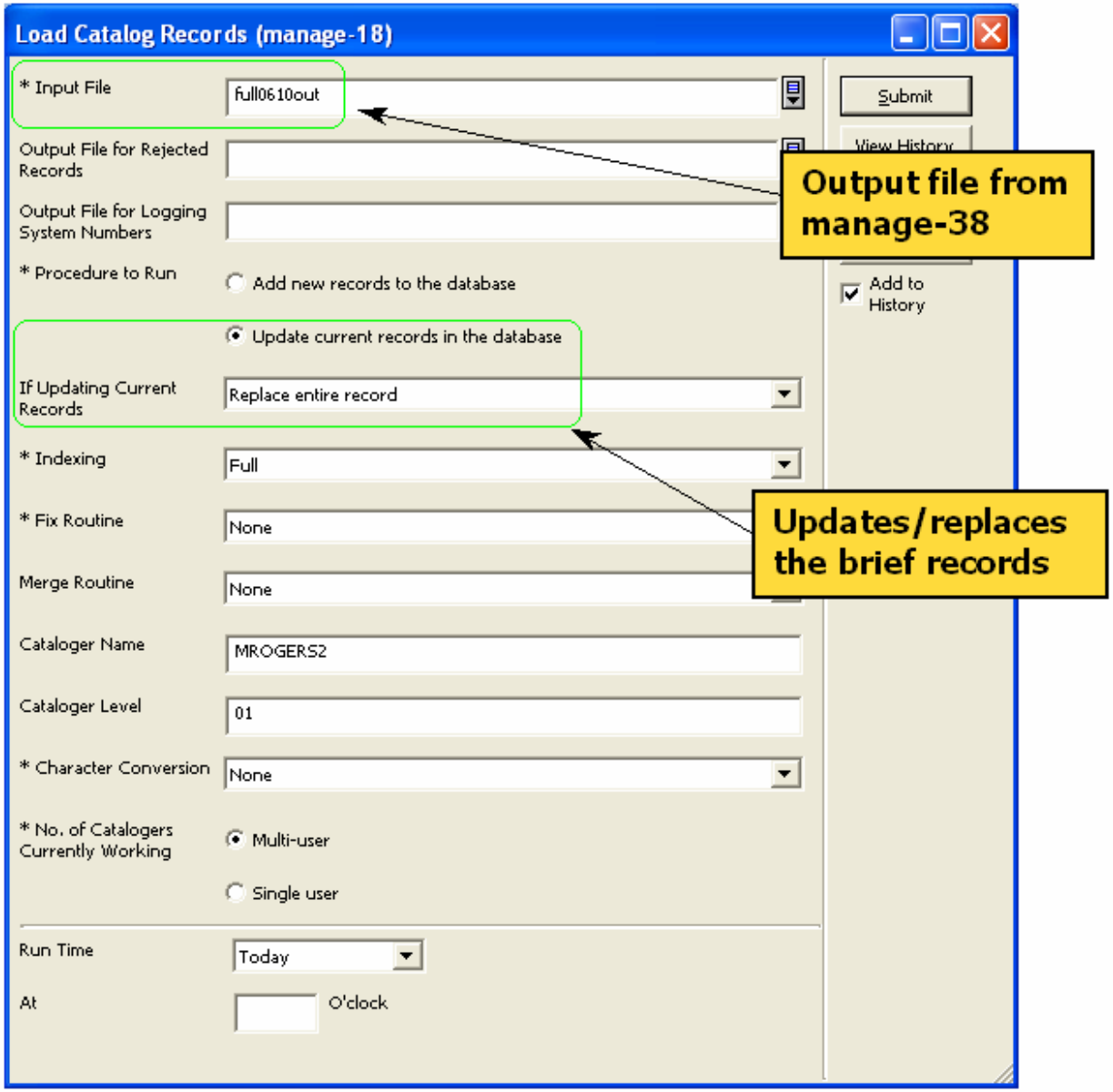
manage-38 - work-around

Entered as shell command at unix; performs a merge routine over a file of records

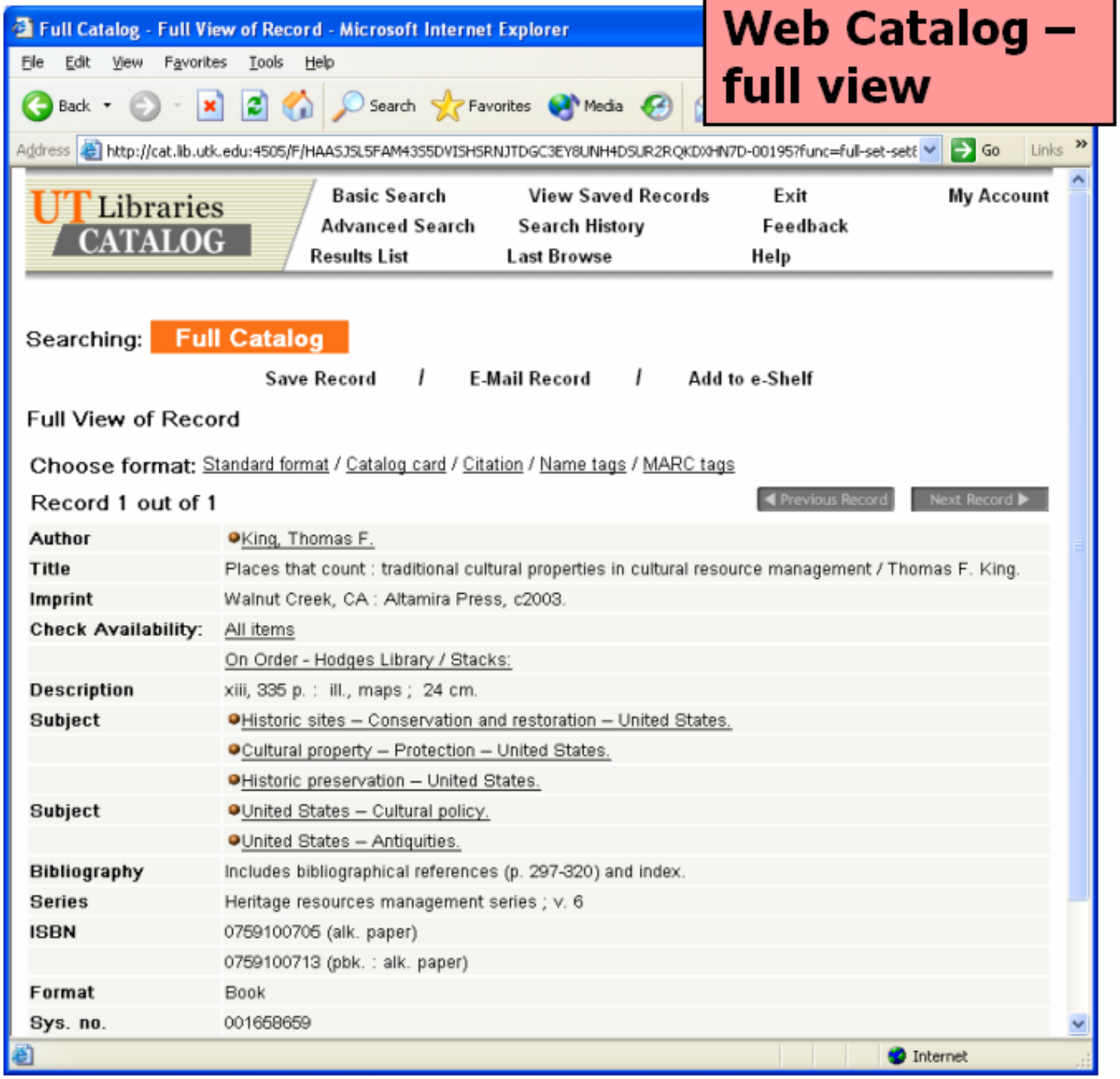
```
csh -f $aleph_proc/p_manage_38
UTK01,full0610d1,full0610out,full0610rpt,OVERLAY-01
```

- UTK01 = active library
- full0610d1 = input file
- full0610out = output file
- full0610rpt = report file
- OVERLAY-01 = merge routine from tab_merge_overlay

Output file of manage-38 becomes the input file for the bib loader (manage-18):



Web Catalog – full view

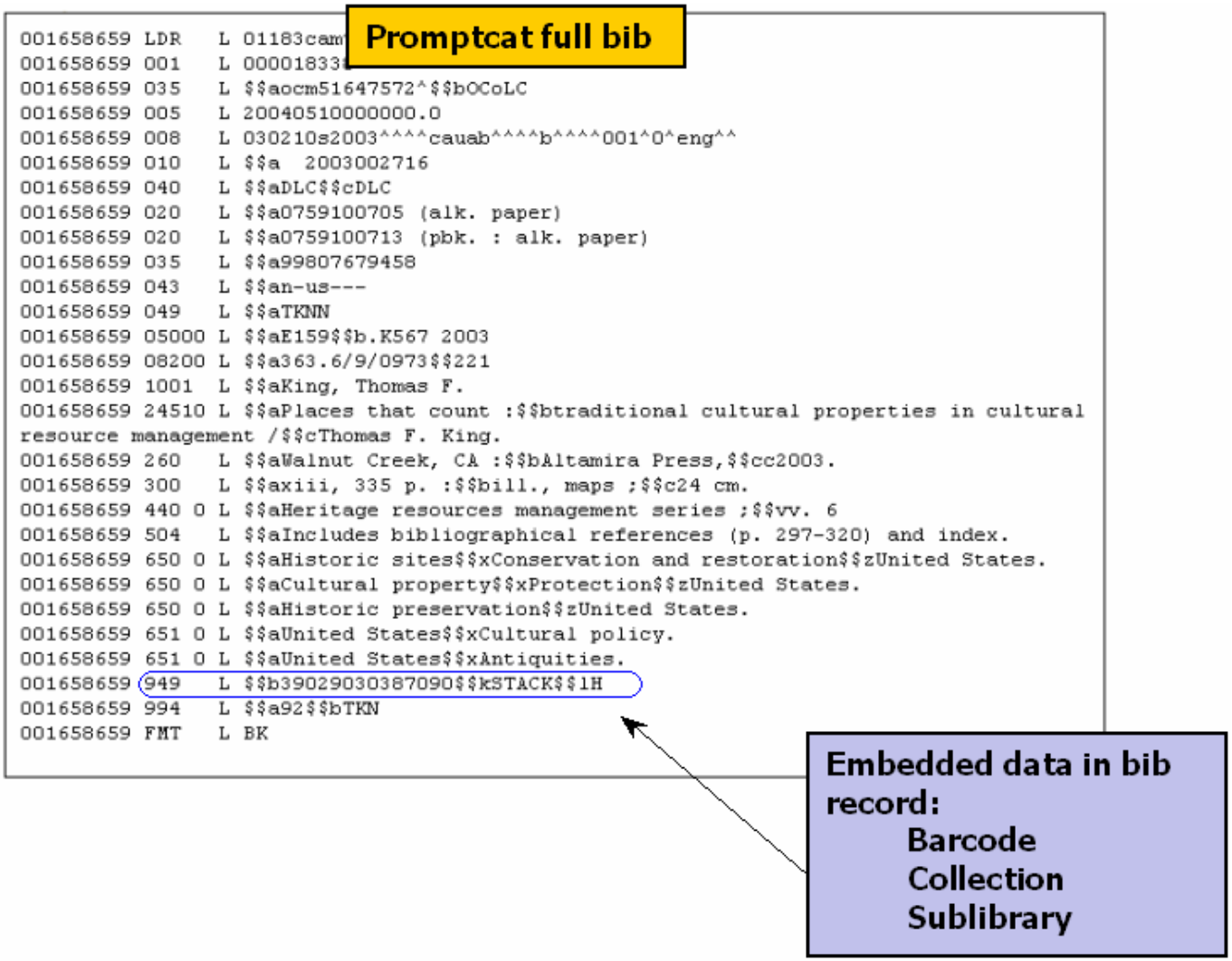


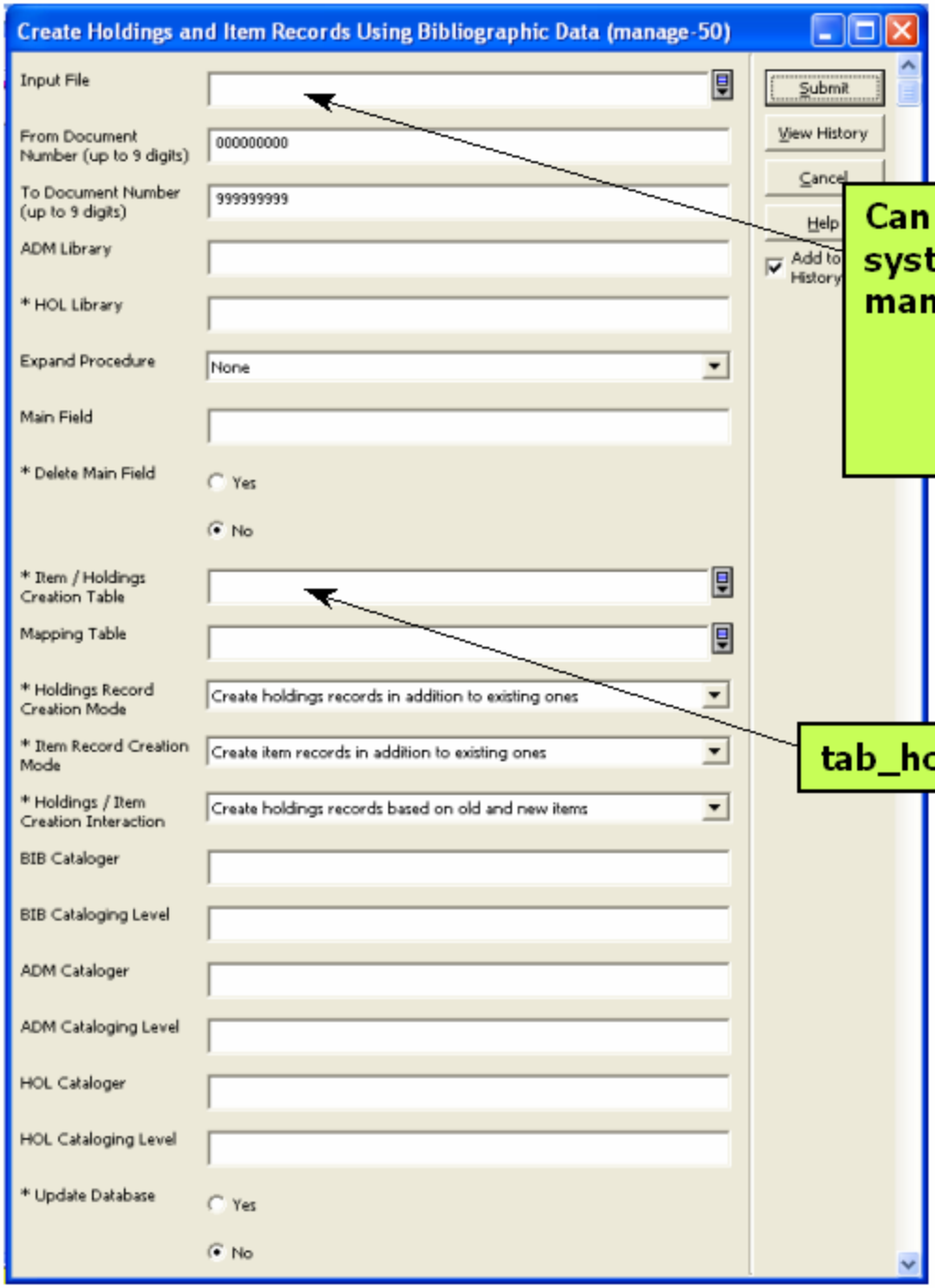
To Do:

Implement manage-50

- Aleph Cataloging service to create new holdings and items from embedded bib data
- Run after the full bibs have been loaded and all items arrived/invoiced

Item data comes embedded in OCLC Promptcat records:




Create Holdings and Item Records Using Bibliographic Data (manage-50)
Input File
From Document Number (up to 9 digits)
000000000
To Document Number (up to 9 digits)
999999999
ADM Library
* HOL Library
Expand Procedure
None
Main Field
* Delete Main Field
Yes
No
* Item / Holdings Creation Table
Mapping Table
* Holdings Record Creation Mode
Create holdings records in addition to existing ones
* Item Record Creation Mode
Create item records in addition to existing ones
* Holdings / Item Creation Interaction
Create holdings records based on old and new items
BIB Cataloger
BIB Cataloging Level
ADM Cataloger
ADM Cataloging Level
HOL Cataloger
HOL Cataloging Level
* Update Database
Yes
No
Submit
View History
Cancel
Help
Add to History
Can use doc_log file of system numbers from manage-18
located in:
alephe/scratch
tab_hol_item_create_ybp

Creation table for Items and Holdings:

tab_hol_item_create_ybp
located in:
xxx01/tab/import

```
!!!!!!!!!!!!!!!!!!!!!!!!!!!!-!!!!!!!!!!-!-!!!!!!!!!!-!!!!!-!!!!!!!!!!-!!!!!-!!!!!!!!!!-!!!!!-!!!!!!!!!!-!!!!!
SUB-LIBRARY                    N b          949## l
COLLECTION                     N c          949## k
CALL-NO                        N hi         090## ab          050## ab
Z30-BARCODE                    N            949## b
Z30-ITEM-STATUS                N            949## n
Z30-MATERIAL                   N            949## m
```

Map-To fields in Holdings and Items

Values embedded in full OCLC/Promptcat bibs

Must ask YBP/Promptcat to supply two more subfields in 949 of full bibs:

Incoming full Promptcat bib

```
001658659 LDR   L 01183cam^^2200337^a^45'0
001658659 001   L 000018338
001658659 035   L $$aocm51647572^$$bOCoLC
001658659 005   L 20040510000000.0
001658659 008   L 030210s2003^^^^cauab^^^^b^^^^001^0^eng^^
001658659 010   L $$a  2003002716
001658659 040   L $$aDLC$$cDLC
001658659 020   L $$a0759100705 (alk. paper)
001658659 020   L $$a0759100713 (pbk. : alk. paper)
001658659 035   L $$a99807679458
001658659 043   L $$an-us---
001658659 049   L $$aTKNN
001658659 05000 L $$aE159$$b.K567 2003
001658659 08200 L $$a363.6/9/0973$$221
001658659 1001  L $$aKing, Thomas F.
001658659 24510 L $$aPlaces that count :$$btraditional cultural properties in cultural
resource management /$$cThomas F. King.
001658659 260   L $$aWalnut Creek, CA :$$bAltamira Press,$$cc2003.
001658659 300   L $$axiii, 335 p. :$$bill., maps ;$$c24 cm.
001658659 440 0 L $$aHeritage resources management series ;$$vv. 6
001658659 504   L $$aIncludes bibliographical references (p. 297-320) and index.
001658659 650 0 L $$aHistoric sites$$xConservation and restoration$$zUnited States.
001658659 650 0 L $$aCultural property$$xProtection$$zUnited States.
001658659 650 0 L $$aHistoric preservation$$zUnited States.
001658659 651 0 L $$aUnited States$$xCultural policy.
001658659 651 0 L $$aUnited States$$xAntiquities.
001658659 949   L $$b39029030387090$$kSTACK$$lH
001658659 994   L $$a92$$bTKN
001658659 FMT   L BK
```

949 subfields to add:
$$m - Material Type
$$n - Item Status

In Conclusion:

- Four months of development
  - Missing values in tab_ybpf_def
  - Work-around for tab_merge_overlay (manage-38)
  - Other conversion issues
- Time savings per week (approx. 250 books)
  - Old workflow – total 65 hours
    - Download OCLC bibs and create holdings, items, orders, encumbrances; arrive and invoice books
  - New workflow – total 8 hours
    - 30 minutes to load all bib files and create new items
    - 1 hour to resolve no matches/multiple matches
    - 6.5 hours to arrive and invoice books
- Workflow runs very smoothly!

Thank you for your time and attention!

Any questions?

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