### New MD Editor Series: Prediction Patterns









#### MARC Holdings Basics for Serials

- MARC Holdings Records contain 4 basic components:
  - Location where the item can be found in the library
  - Items held
    - Monograph: Number of copies
    - Multi-part: Number of volumes that make a complete set
    - Serial: Volumes and issues
  - Publication patterns (serials only)
    - Expected publication date
    - Issue number(s)
  - Notes
    - Information associated with the item
    - Holdings statements (library has)









#### MARC Holdings Fields Defined for Prediction Patterns

- Required MARC Holdings fields for publication patterns:
  - 853 Captions and Pattern Basic Bibliographic Unit
    - Series volumes
    - Journal issues
  - 854 Captions and Pattern-Supplementary Material
    - Supplement
    - Loose-leaf releases
  - 855 Captions and Pattern-Indexes
    - Includes indexes









#### Other MARC Holdings Fields Defined For Serials

- Other MARC Holdings fields (not required for publication patterns in Alma):
  - 863 -865: Enumeration and chronology (numbering and dates)
    - 863: Enumeration and Chronology Basic Bibliographic Unit is used with MARC 853
    - 864: Enumeration and Chronology Supplementary Material is used with MARC 854
    - 865: Enumeration and Chronology Captions and Patterns Indexes is used with MARC 855
    - 863-865 are not used to create prediction patterns in Alma
  - 866-868 textual holdings (free-text enumeration and chronology information)
    - Can be used instead with 853-855/863-865 combination
      - 866: Textual Holdings Basic Bibliographic Unit is used with MARC 853
      - 867: Textual Holdings Supplementary Material is used with MARC 854
      - 868: Textual Holdings-Indexes is used with MARC 854
    - 866-868 are not used to create prediction patterns in Alma
  - 876-878 item level information about the copy
    - Used with MARC 852
    - 876-878 are not used to create prediction patterns in Alma



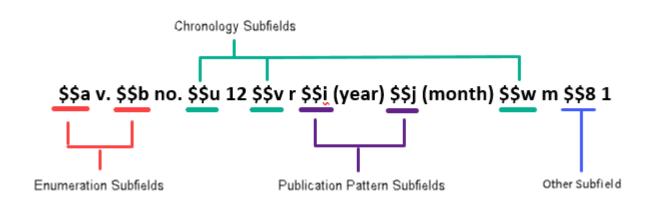






#### MARC 853, 854, and 855 Subfields

- MARC 853, 854, and 855 are made up of:
  - Enumeration captions
    - \$\$a \$\$h
  - Chronology captions
    - \$\$i \$\$m
  - Publication pattern subfields
    - \$\$u \$\$y
  - Other fields and subfields
    - \$\$t Copy
    - \$\$8 Field link and sequence number
    - 590 Local holdings notes field









#### Enumeration Captions (Enumeration/Enum)

- Enumeration captions are sequential designators used by the publisher to identify an individual bibliographic unit and/or physical parts of the bibliographic unit
- Enumeration subfields are \$\$a \$\$h
- Enumeration subfields are usually paired with a captions, such as:
  - o vol.
  - o no.
  - $\circ$  iss.
  - o pt.
- Enumerations captions are not repeatable

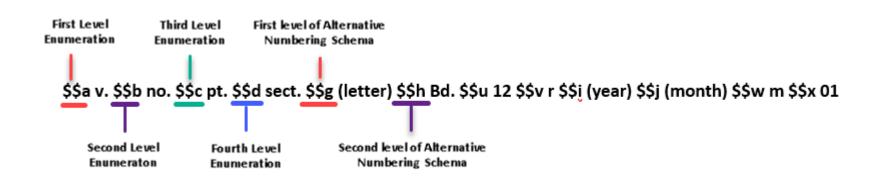






#### **Enumeration Captions (Enumeration/Enum)**

<b>Enumeration Subfield</b>	Enumeration Caption Definition
\$\$a	Highest/First level of enumeration
\$\$b	Second level of enumeration
\$\$c	Third level of enumeration
\$\$d	Fourth level of enumeration
\$\$g	Highest/First level of an alternative numbering scheme
\$\$h	Second level of an alternative numbering scheme







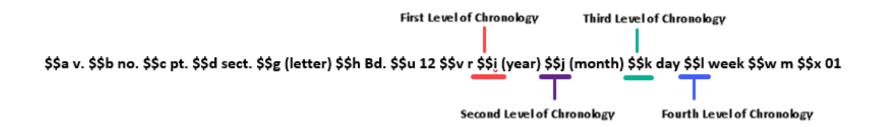




#### **Chronology Captions (Enumeration)**

- Chronology captions contain the dates used by the publisher on the item in hand to identify the individual bibliographic unit of a serial, such as the date of publication, date of coverage, etc.
- Chronology captions are not repeatable

Chronology Subfield	Chronology Subfield Definition
\$\$i	First level of chronology
\$\$j	Second level of chronology
\$\$k	Third level of chronology
\$\$1	Fourth level on chronology
S\$m	Alternative numbering scheme









#### Prediction Patterns Numeric Values for Months and Seasons

Months and seasons are represented in Alma as numeric values, unless the description templates are configured to use the alphabetical value for months and season

Month	# Value
January	01
February	02
March	03
April	04
May	05
June	06
July	07
August	08
September	09
October	10
November	11
December	12

Season	# Value
Spring	21
Summer	22
Fall	23
Winter	24

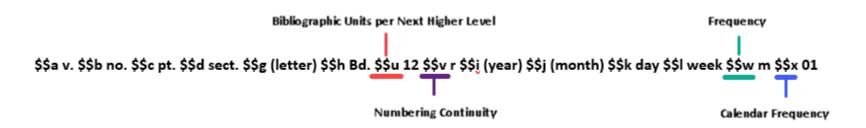






#### **Publication Pattern Subfields**

Publication Pattern Subfields	Publication Pattern Subfields Definition
\$\$u - Bibliographic units per next higher level	Total number of parts or units that comprise the next higher level of enumeration
\$\$v - Numbering continuity	Continuous numbering (c) or numbering restarts at completion (r)
\$\$w - Frequency	Indicated the publication frequency of the item. Subfield ‡w is not related to a specific caption and it is added after last chronology caption being used
\$\$x – Calendar Change	Indicates the chronological point at which the highest-level increments or changes
\$\$y – Regularity Pattern	Describes the regularity of the publishing pattern coded in subfield ‡w











#### Other Fields

• The following "other fields" do not include all the remaining subfields that can be used in a MARC holdings 853, 854, 855

Other Fields Subfields	Other Fields Subfields Definition
\$\$t	Copy number
\$\$8	Field link and sequence number
590	Local Notes

\$\$a v. \$\$b no. \$\$c pt. \$\$d sect. \$\$g (letter) \$\$h Bd. \$\$u 12 \$\$v r \$\$j (year) \$\$j (month) \$\$k day \$\$l week \$\$w m \$\$x 01 \$\$8 1

Linking Field







## Creating Prediction Patterns In Alma

#### Required Roles to Work With Holdings Records

- One of the following roles is required to allow a users to create and edit holdings records in Alma:
  - **Physical Inventory Operator**
  - **Physical Inventory Operator Limited**
  - Purchase Manager
  - **Purchase Operator**
  - Repository Manager
- The following role is required to allow a user to delete holdings records:
  - Physical Inventory Operator Extended











#### **Prediction Patterns**

- Prediction patterns are used to create serial items in advance for receiving and claiming purposes
  - Predicted items use the "Issue date" from the "Next predicted item information" + "Subscription interval"from the POL to create the Expected date of arrival
  - PO Lines that are associated with predicted items must include the "claiming grace period" for automated claims processing
- Prediction patterns allows users to:
  - Track and predict future items
  - Easier and more efficient check-in
  - Naming consistency
  - Claiming
- The MARC record is a good source to gather publication frequency information
  - View MARC 310 (Current publication frequency) in the bib records prior to creating publication patterns









#### Requirements to Use Prediction Patterns

- Requirements to use prediction patterns in Alma:
  - 1. Description templates configured
  - 2. Associated POL with a POL type of Journal Subscription or Physical -Subscription
  - 3. Active subscription
  - 4. MARC Holdings field 853, 854, or 855:
  - 5. Next predicted item information
  - 6. Expected item(s) populated



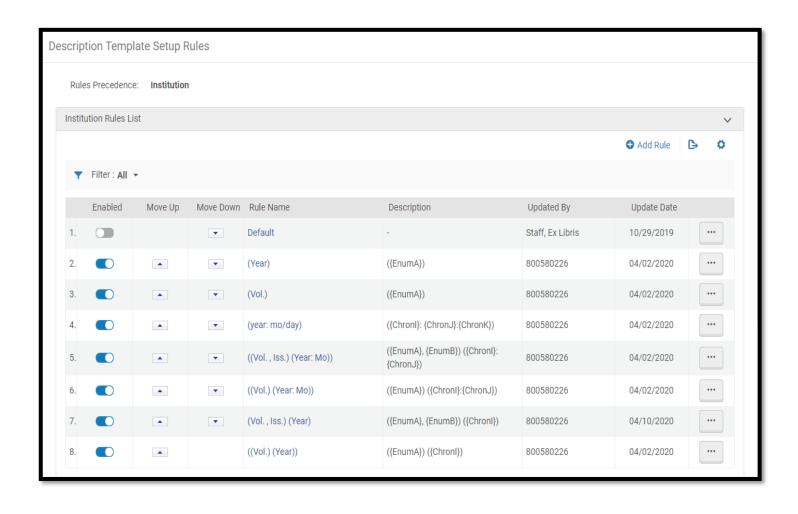






#### **Description Templates**

- Description templates are used to format the item description for display in the item record and in Primo VE
  - Alma will use the default description template if no other description templates have not been configured by the institution
- Description templates are created based on an institution's policy







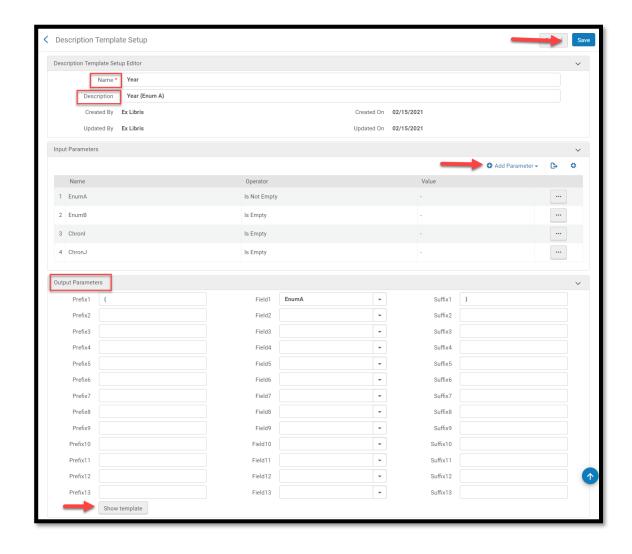




#### **Description Templates**

To configure description templates:

- 1. Go to Configuration>Resources>General>Description **Templates**
- Click Add Rule
- Name: [Type in a name for the rule]
- Description: [Add description of the rule]
- Click Add Parameter
  - Add parameters based on the rule with the appropriate conditions
  - Add as many parameters as necessary
- Fill out the Output Parameters based on the rule
- Click **Show Template** to view how it will display
- Click Save







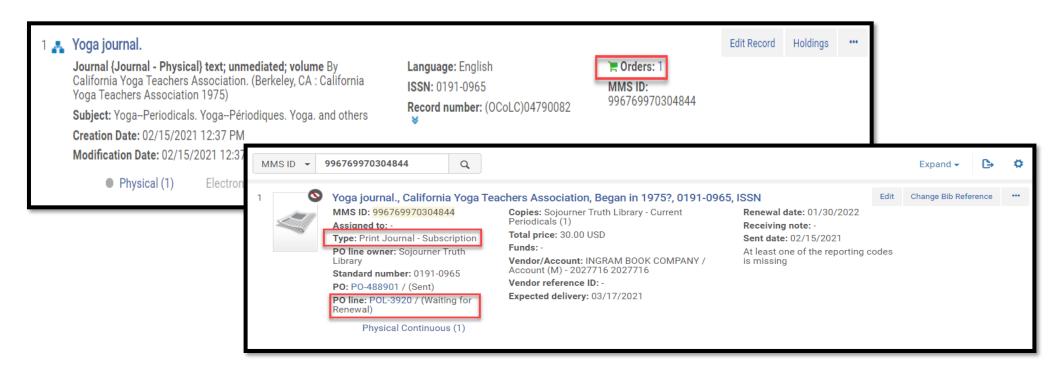






#### Associated POL with an Active Subscription Requirements

- Requirements for the associated POL with an active subscription:
  - POL type of Print Journal Subscription/Physical Subscription
  - POL status of "Waiting for renewal"
  - Subscription interval
  - Subscription from date is within the range of the items being predicted





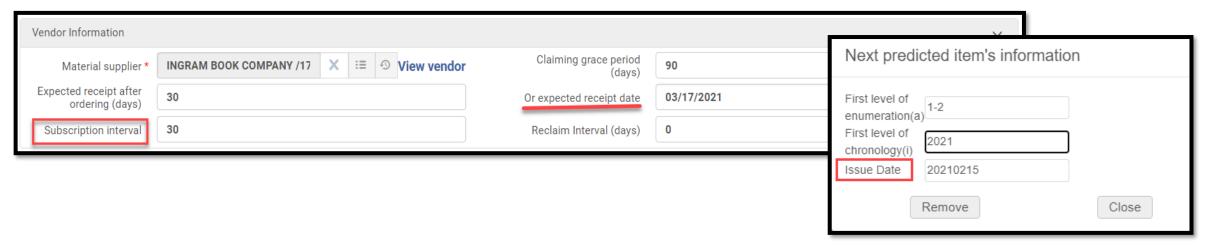




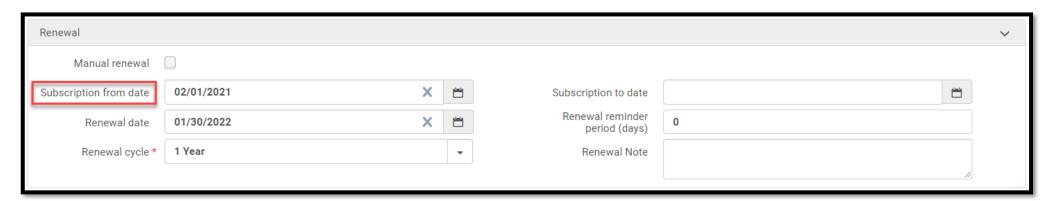


#### Associated POL with an Active Subscription Requirements

"Issue date" + "Subscription interval" = "Expected date of arrival"



The Subscription from date needs to be within the range of items being predicted











#### MARC Holdings field 853, 854, or 855

- MARC 853, 854, and/or 855 are required to created publication patterns in Alma
  - The publication frequency and dates for expected items are created from these fields
- MARC Holdings fields 853, 854, 855 can be added:
  - 1. Using "Expand from template"
    - Allows the user to select a pre-existing templates to populate MARC fields
    - The pre-existing MARC holdings fields can be edited
  - 2. Manually
    - User can manually add MARC holdings 853, 854, or 855 with associated fields
- Multi-level serials prediction patterns can be created in a MARC Holdings record for more complex serials
  - o Example; a monthly serials with an annual index and annual supplement
    - 853 is used for the basic serial pattern of monthly
    - 854 is used to predict the annual supplement
    - 855 is used to predict the annual index

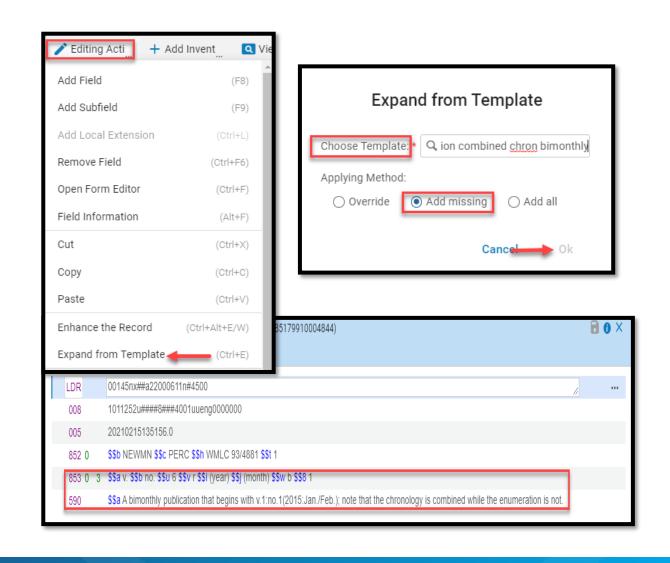






#### Adding MARC Holdings 853 Using a Template

- To add a MARC holdings 853 using a template:
  - Open the physical serials record in the MD Fditor
  - Click Editing Actions>Expand from template (Ctrl+E)
  - "Expand from Template" screen pops-up
    - 1. Choose Template: [Select the template from the drop-down]
    - 2. Applying Method: [Select one of the methods]
      - Override
      - Add Missing
      - Add All
  - Click **Ok**



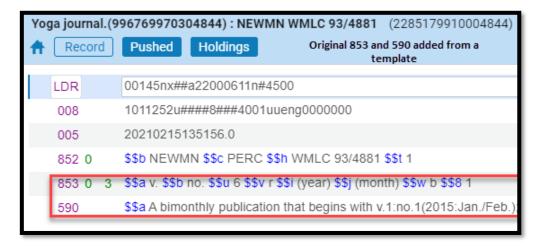






#### Adding MARC Holdings 853 Using a Template

- To add a MARC holdings 853 using a template:
  - 5. Fields from the template have been added
  - 6. Edit MARC 853 if applicable
  - 7. Edit MARC 590 if applicable
  - Add corresponding 863 (not required for prediction patterns)
    - Click Editing Actions>Add Field (F8)
    - 2. Type 863 in the MARC tag
    - 3. Select the appropriate indicators
    - 4. Add appropriate subfields
  - 9. Click the *Save* icon







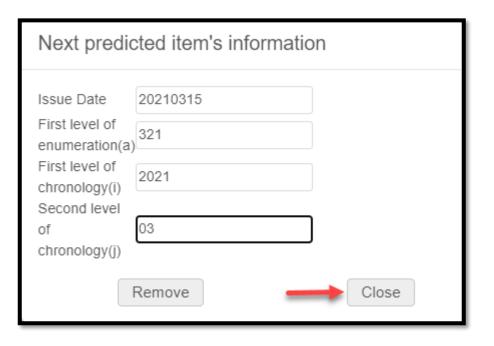






#### "Next Predicted Item Information"

- To populate the "Next predicted item information":
  - 1. Click into MARC 853
  - 2. Click on **Record Actions**>**Next Predicted** Item's Information
  - 3. The "Next Predicted Items" screen pops-up
    - Populate the enumeration/chronology fields
    - Edit the Issue Date if Applicable
  - 4. Click Close



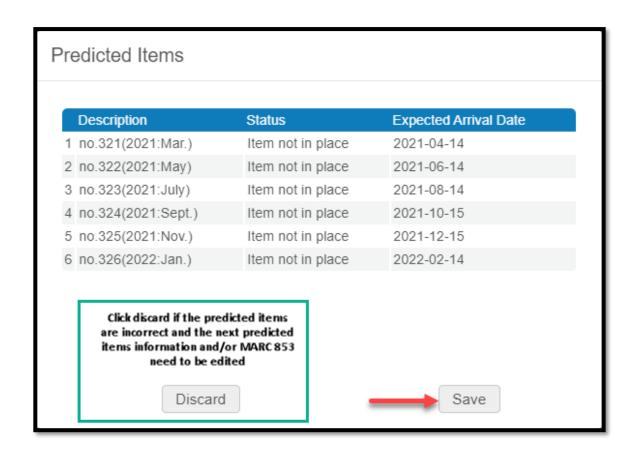






#### Populate the "Expected Item Information"

- To populate the "Expected Item Information":
  - 1. Click Record Actions>Open Predicted items
  - 2. The "Predicted Items" screen pop-ups
  - 3. Review the predicted item description information
  - 4. Click one:
    - Discard
      - Click discard if the description information is incorrect
      - Edit the "Next predicted items information" and/or MARC 853
    - Save
      - If the description information looks correct
  - 5. Save and Release (Ctrl+Alt+R) the holdings record after the predicted items have been generated





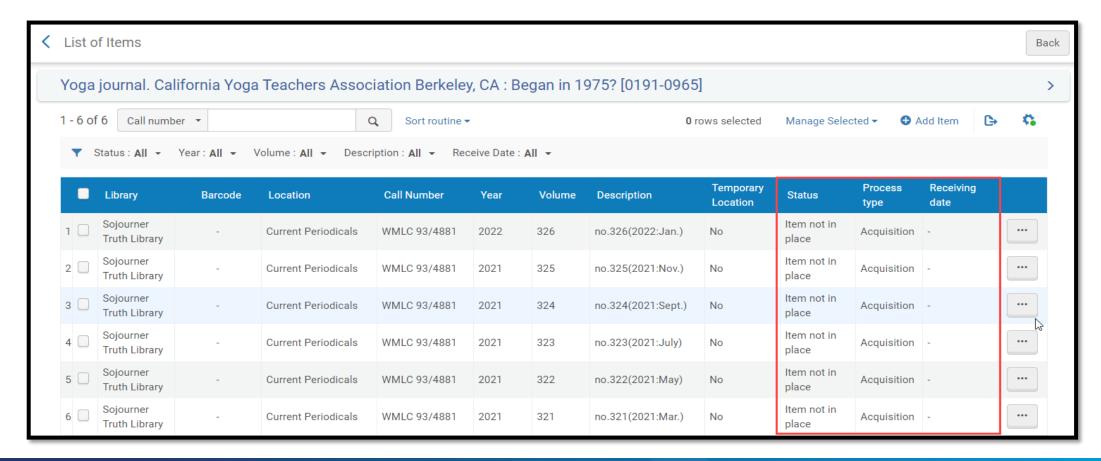






#### View Expected Items from the "List of Items"

- To view expected items from the "List of Items":
  - 1. Perform a repository search for the titles
  - 2. Click *Items* from the ellipses











#### Expected Items Waiting to be Recieved

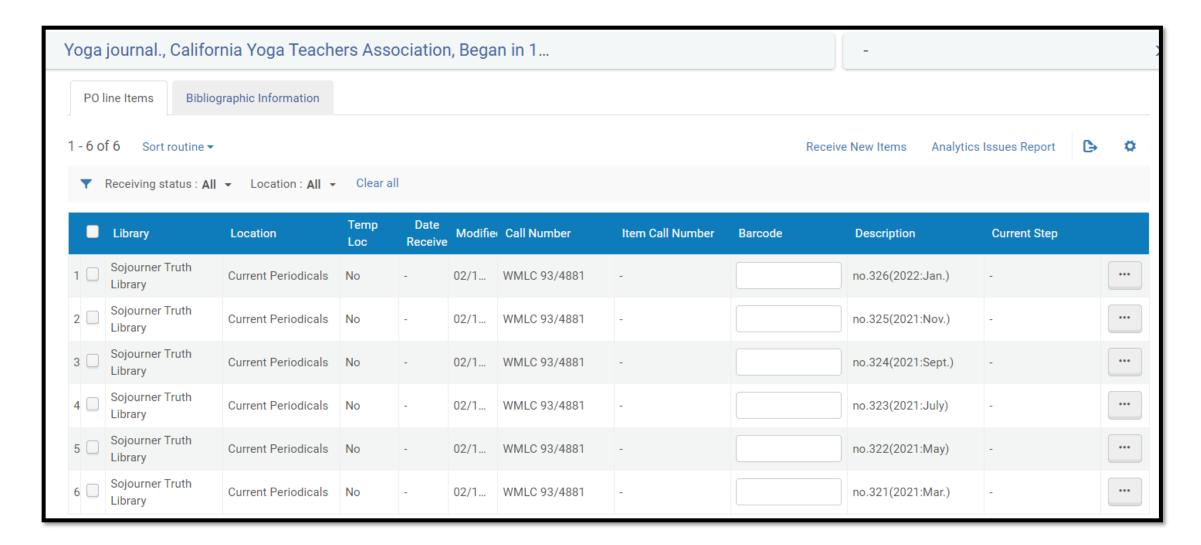
- The items are ready to be received once the "Open Predicted Items" have been generated
- One of the following Roles is required to receive in Alma:
  - Receiving Operator
  - Receiving Operator Limited
- To receive items:
  - 1. Select the "Receiving Library" from the Location drop-down menu
  - 2. Go to Acquisitions>Receiving and Invoicing>Receiving
  - 3. Click on the **Continuous** tab
  - 4. Search for the title
  - 5. Click *Manage Items* from the ellipses







#### Expected Items Waiting to be Received



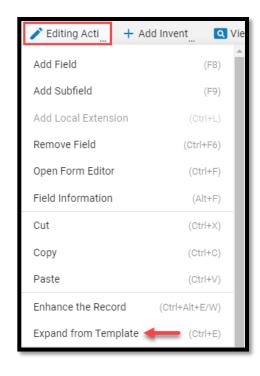


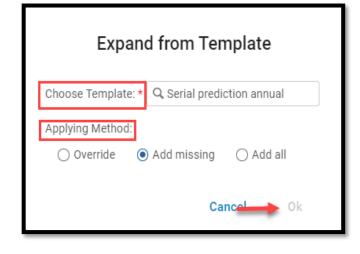






- To add a MARC holdings 853/54/855:
  - Open the physical serials record in the MD Editor
  - Add MARC 853 by clicking *Editing* **Actions>Expand from template** (Ctrl+E)
  - "Expand from Template" screen pops-up
    - 1. Choose Template: [Select the template from the drop-down]
    - 2. Applying Method: [Select one of the methods]
      - Override
      - Add Missing
      - Add All
  - Click **Ok**







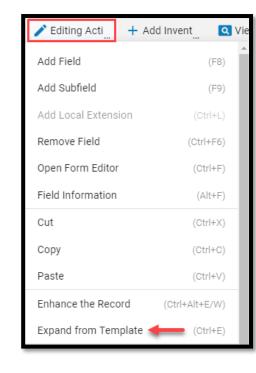


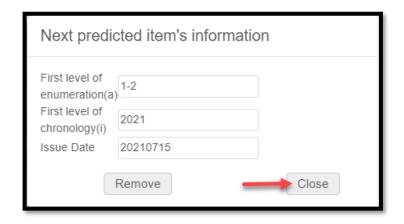






- To add a MARC holdings 853/54/855:
  - Add MARC 854 by clicking *Editing* **Actions>Expand from template** (Ctrl+E)
  - "Expand from Template" screen pops-up
    - 1. Choose Template: [Select the template from the drop-down]
    - 2. Applying Method: [Select one of the methods]
      - Override
      - Add Missing
      - Add All
  - Click **Ok**







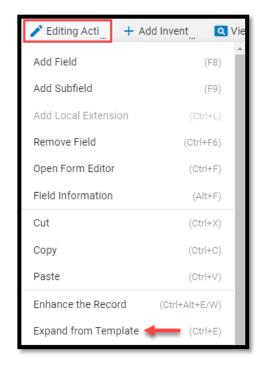


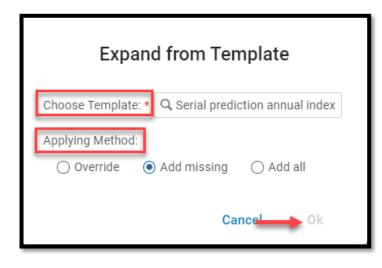






- To add a MARC holdings 853/54/855:
  - Add MARC 855 by clicking *Editing* **Actions>Expand from template** (Ctrl+E)
  - "Expand from Template" screen pops-up
    - Choose Template: [Select the template from the drop-down]
    - 2. Applying Method: [Select one of the methods]
      - Override
      - Add Missing
      - Add All
  - 10. Click *Ok*







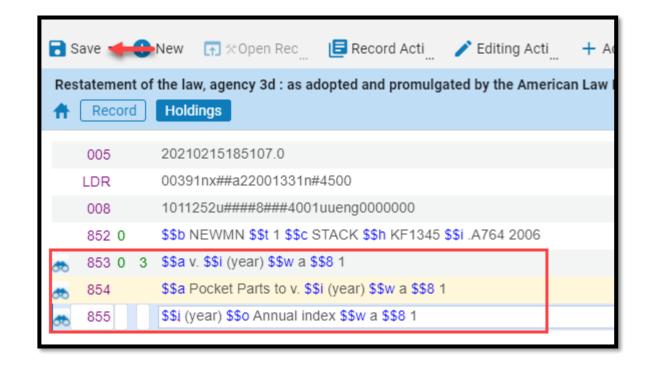








- To add a MARC holdings 853/854/855 using a template:
  - 9. Fields from the template have been added
  - 10. Edit MARC 853, 854, or 855 if applicable
  - 11. Edit MARC 590 if applicable
  - 12. Add corresponding 863/864/865 (not required for prediction patterns)
    - 1. Click Editing **Actions>Add Field** (F8)
    - 2. Type 863 in the MARC tag
    - 3. Select the appropriate indicators
    - 4. Add appropriate subfields
  - 13. Click the *Save* icon





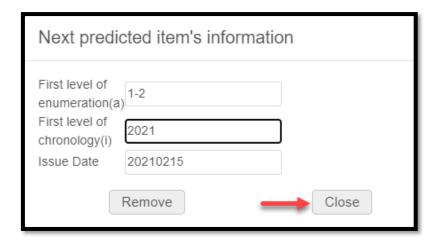






- 14. Click into MARC 853
- 15. Click on **Record Actions>Next Predicted Item's Information**
- 16. The "Next Predicted Items" screen pops-up
- 17. Populate the enumeration/chronology fields
- 18. Click *Close*
- 19. Repeat steps 14-18 for adding 854 and 855

Next predicted item's information	
First level of enumeration(a First level of chronology(i) Issue Date	2021 20210215 Remove Close



Next predicted item's information	
Cilionology(i	2021
	Remove

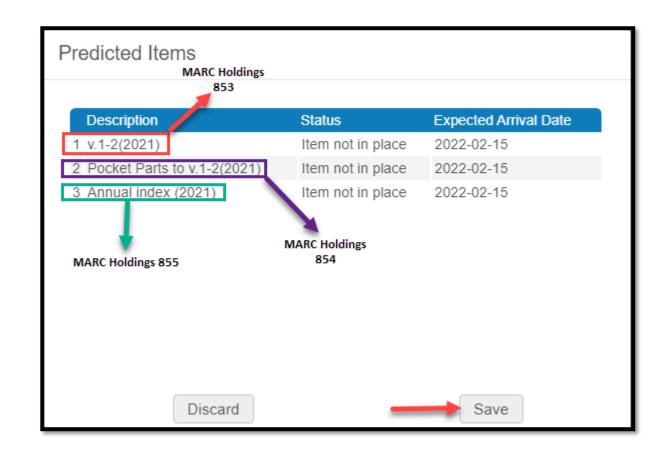








- 20. Click into MARC 853
- 21. Click **Record Actions>Open Predicted Items**
- 22. The "Predicted Items" screen pop-ups
- 23. Review the predicted item description information for MARC 853/854/855
- 24. Click one:
  - Discard
    - Click discard if the description information is incorrect
    - Edit the "Next predicted items information" and/or MARC 853
  - Save  $\bigcirc$ 
    - If the description information looks correct
- **25.** Save and Release (Ctrl+Alt+R) the holdings record after the predicted items have been generated



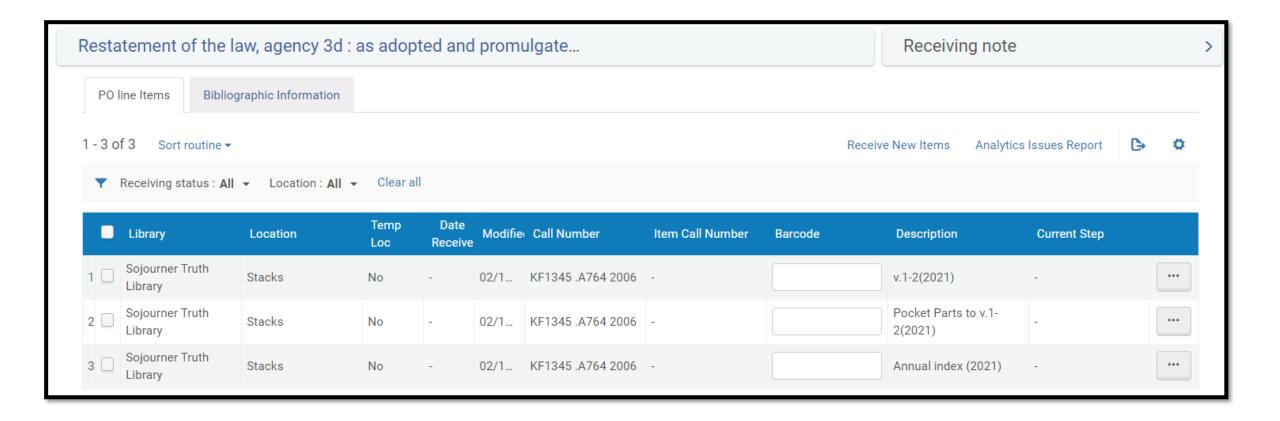
















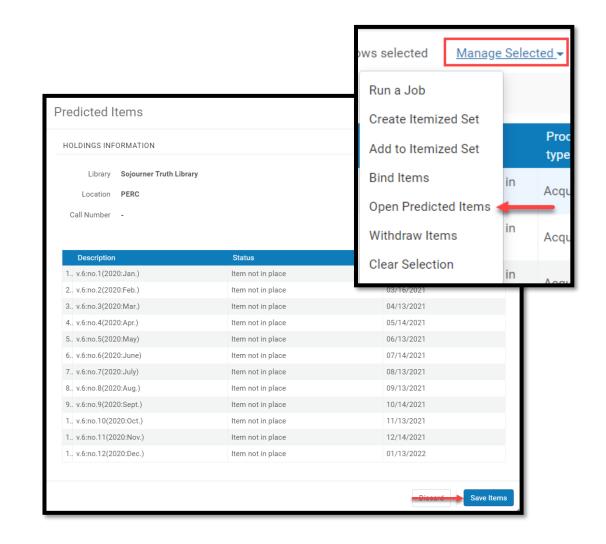




## Predicting Next Items from the List if Items

#### Predicting Next Items from the "List of Items"

- To create new predicted items from the "List of Items" the following is required:
  - 1. MARC 853, 854, and/or 855 in the MARC holdings record
  - 2. Previously predicted items that contain:
    - Next predicted item information
    - Expected item populated
- To create newly predicted items from the "List of Items"
  - 1. Perform a repository search for the serials title
  - 2. Click Items from the ellipses
  - 3. Click the *Manage Selected* drop-down menu
  - 4. Click **Open Predicted Items**
  - 5. Click Save *Items*











### **Supporting Documentation**

#### **Supporting Documentation**

#### **SUNY Documentation:**

o <u>Prediction Patterns</u>

#### MARC Holdings Field Documentation:

- o <u>Library of Congress</u>
- o OCLC

#### Ex Libris Documentation:

- o <u>Prediction Patterns</u>
- o <u>Print Serials Prediction Patterns</u>





