MAVES
3PL Made Visible

MABUG 2024

San Diego, California

Driving Success through Innovation:

Profitability Unleashed

MABUG 2024

Lot Sets

Sindhuja Badri

Monday April 15, 2024 from10:00 – 10:30

AGENDA

- Introduction
- Overview
- Topics:
  - Components
  - Sets
  - Other
- Conclusion
- Question and Answers

Introduction

- Lot Control /Rotation is a “critical” service provided by 3PLs to Clients
- VL has a number of capabilities to assist you with this important task
- Like many things, you may be unaware of capabilities that will provides increased efficiency and accuracy.

Overview

- Can you define Lots for your specific Client/Product requirements?
- What Data can be created for Lots?
- How may the Data be populated?
- Can they be changed later?
- What Reports/Queries exist to view them?

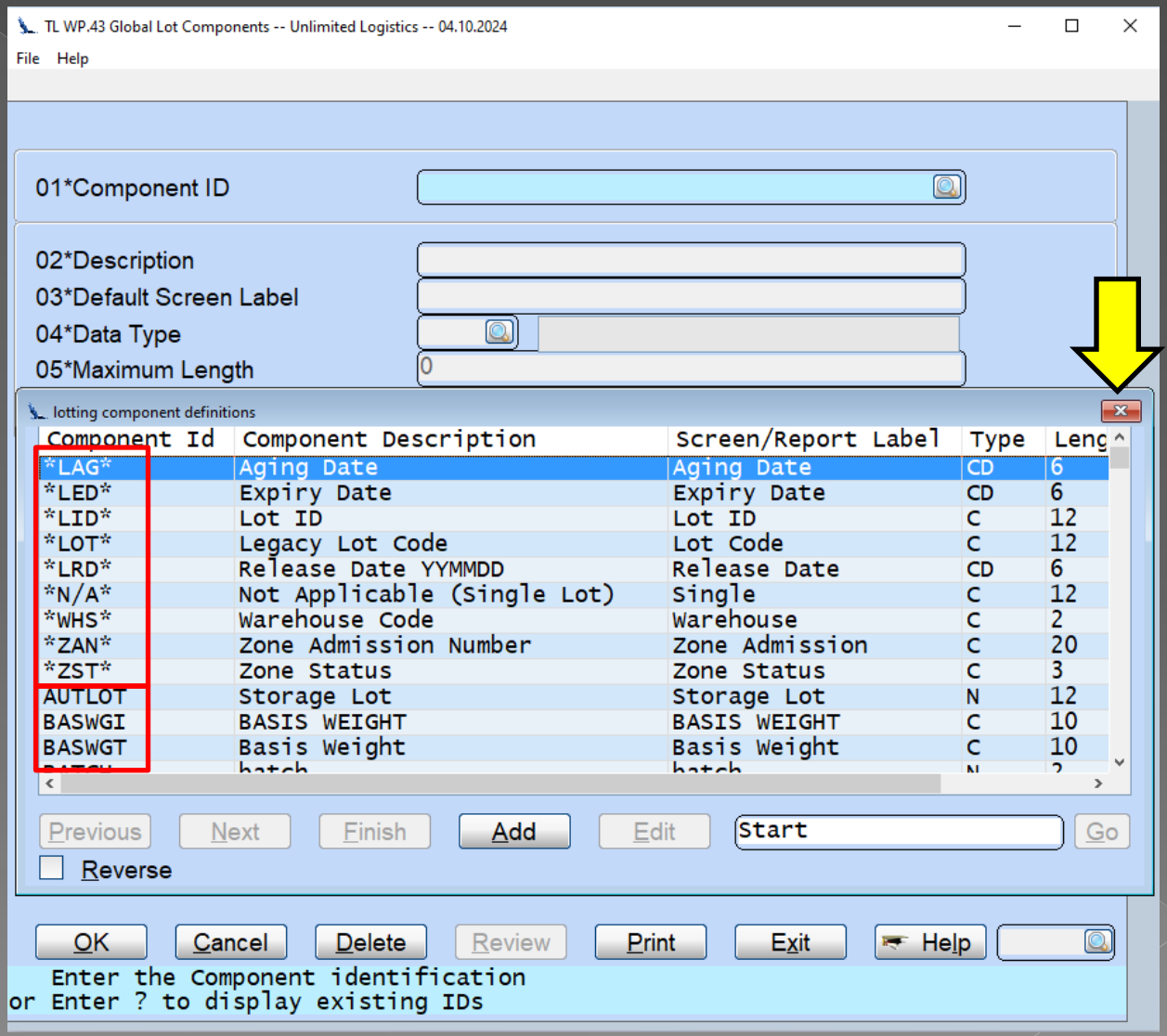
Components

- System vs. User Defined
- Data Types
- Allowed Values

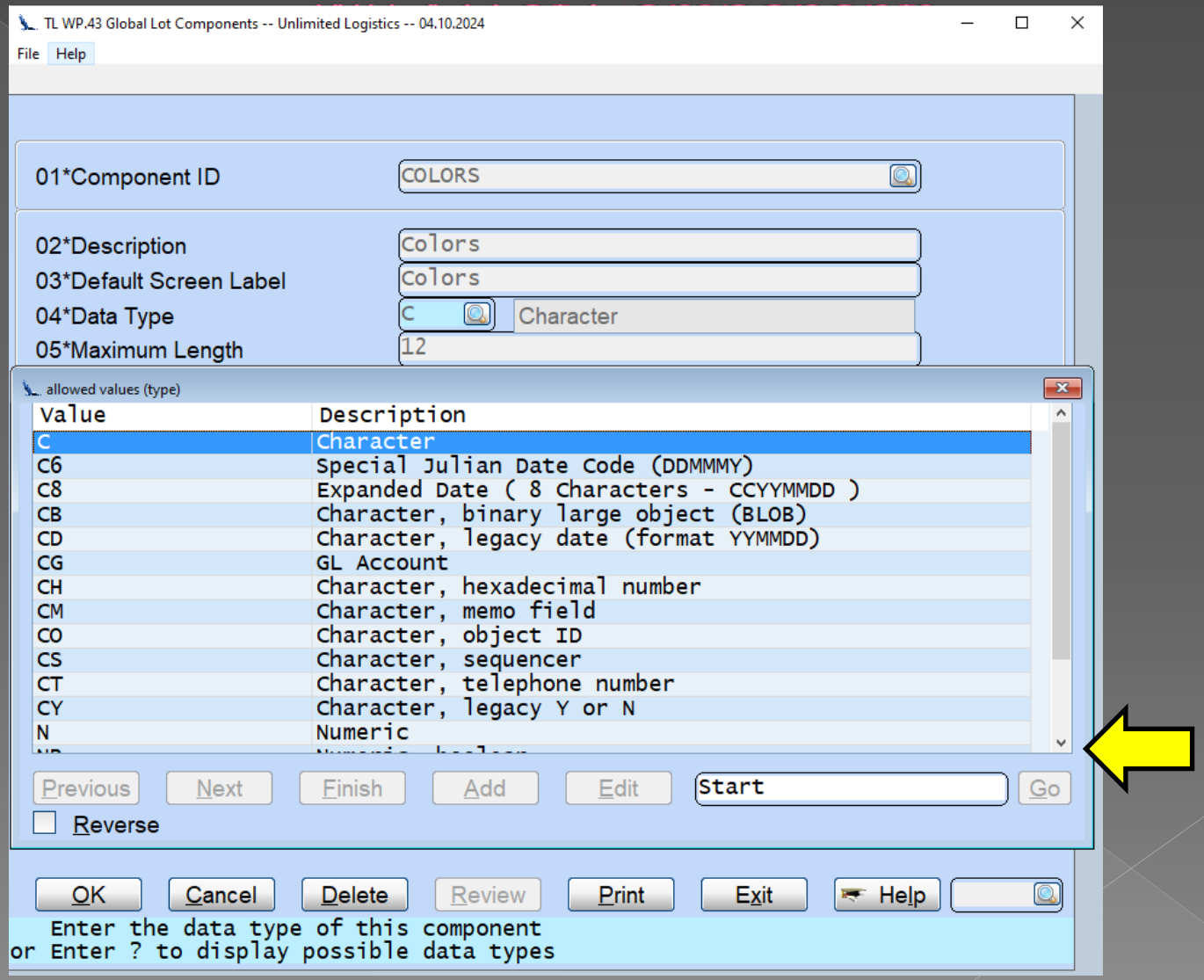
WP.43 Lot Components System vs. User Defined

System Defined

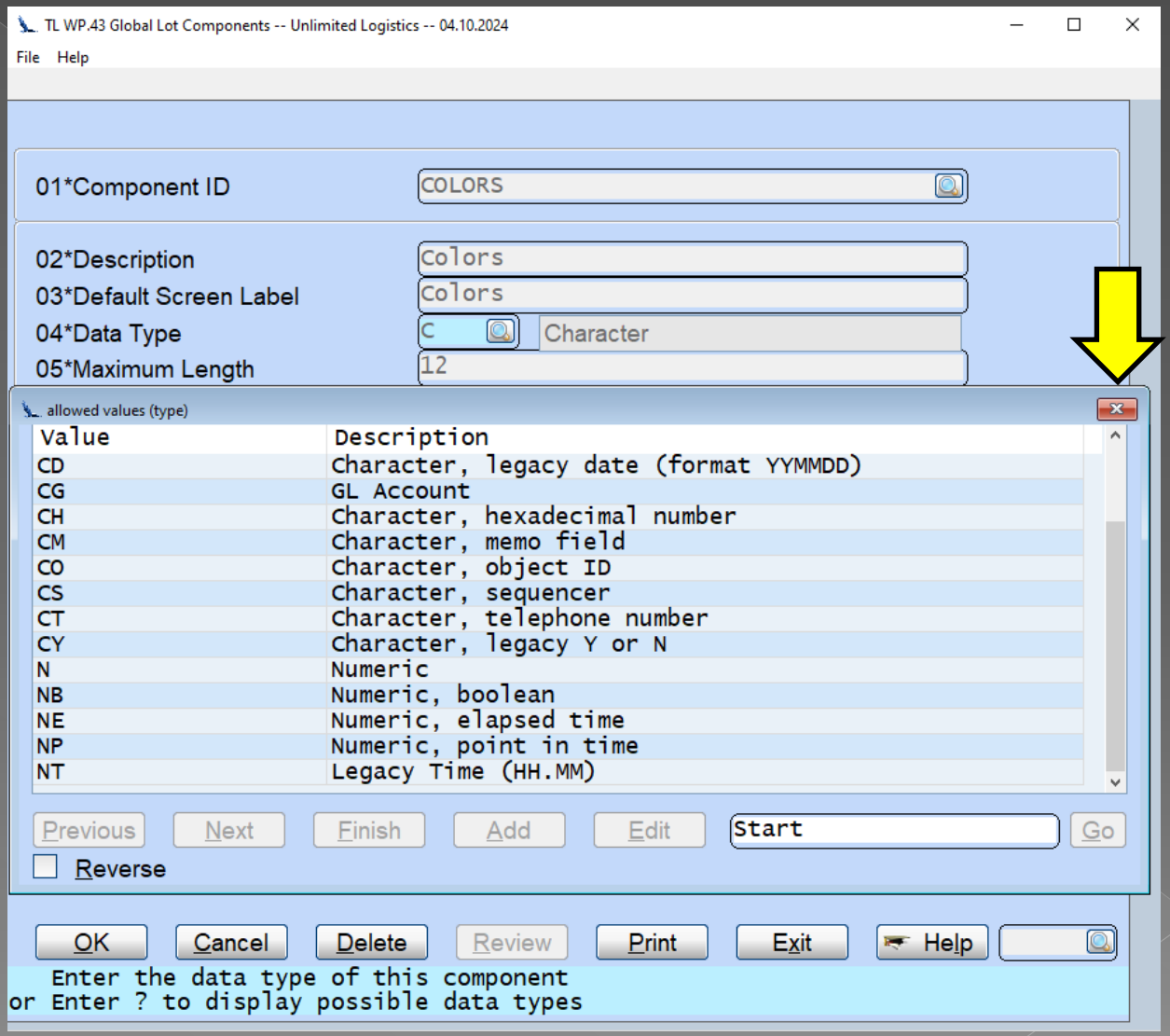
User Defined



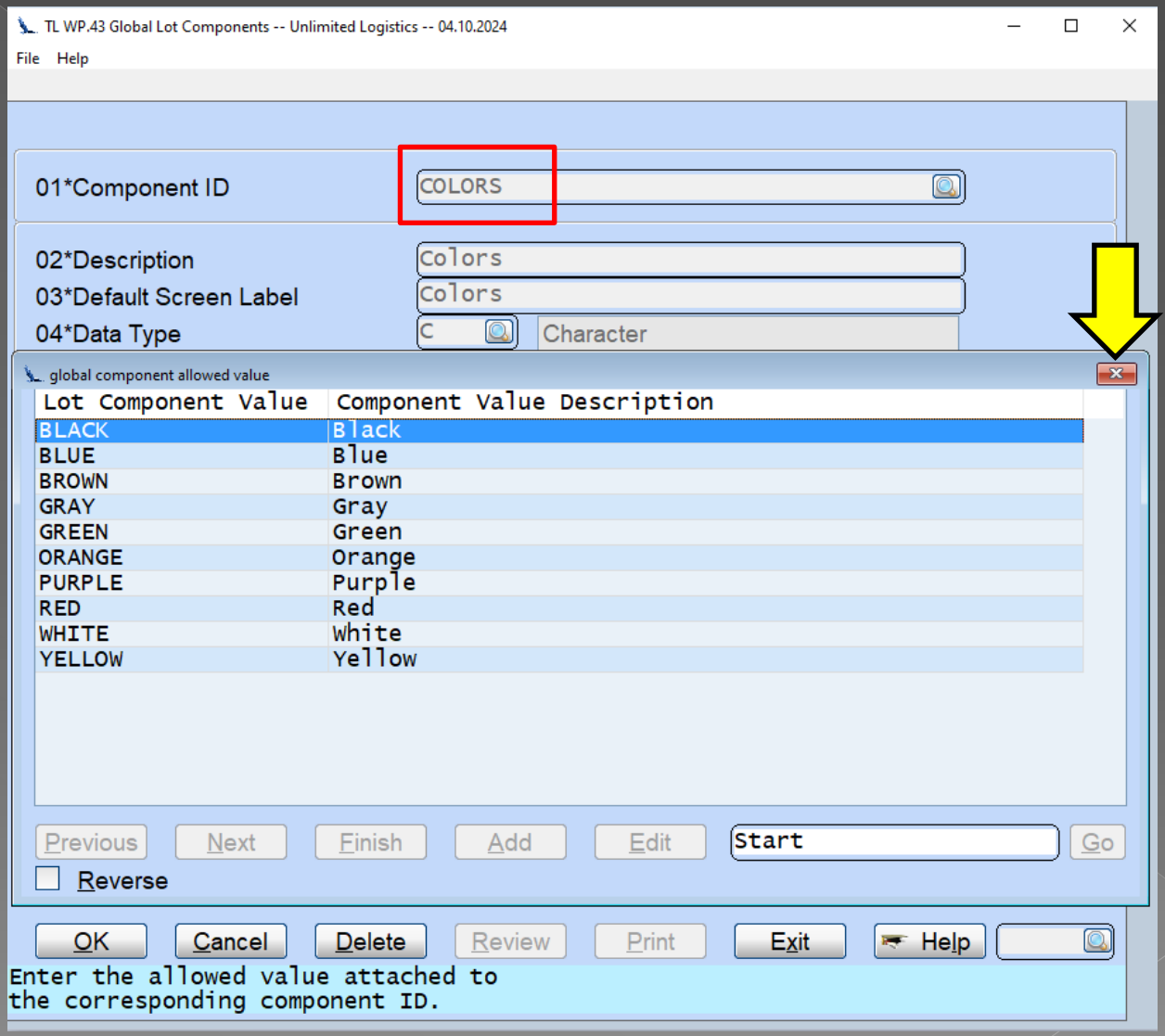
WP.43 Lot Components Data Types



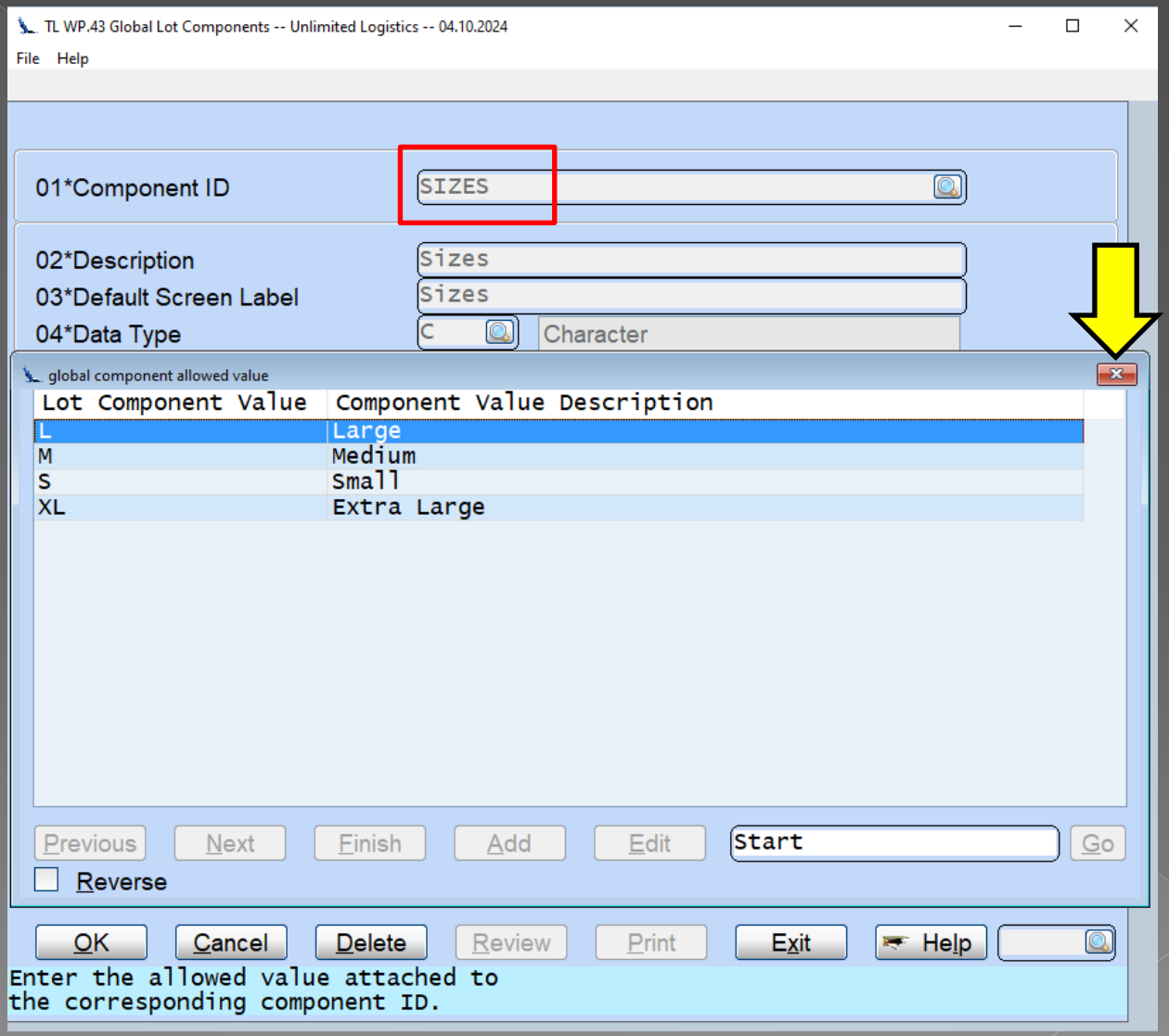
WP.43 Lot Components Data Types



WP.43 Lot Components Allowed Values



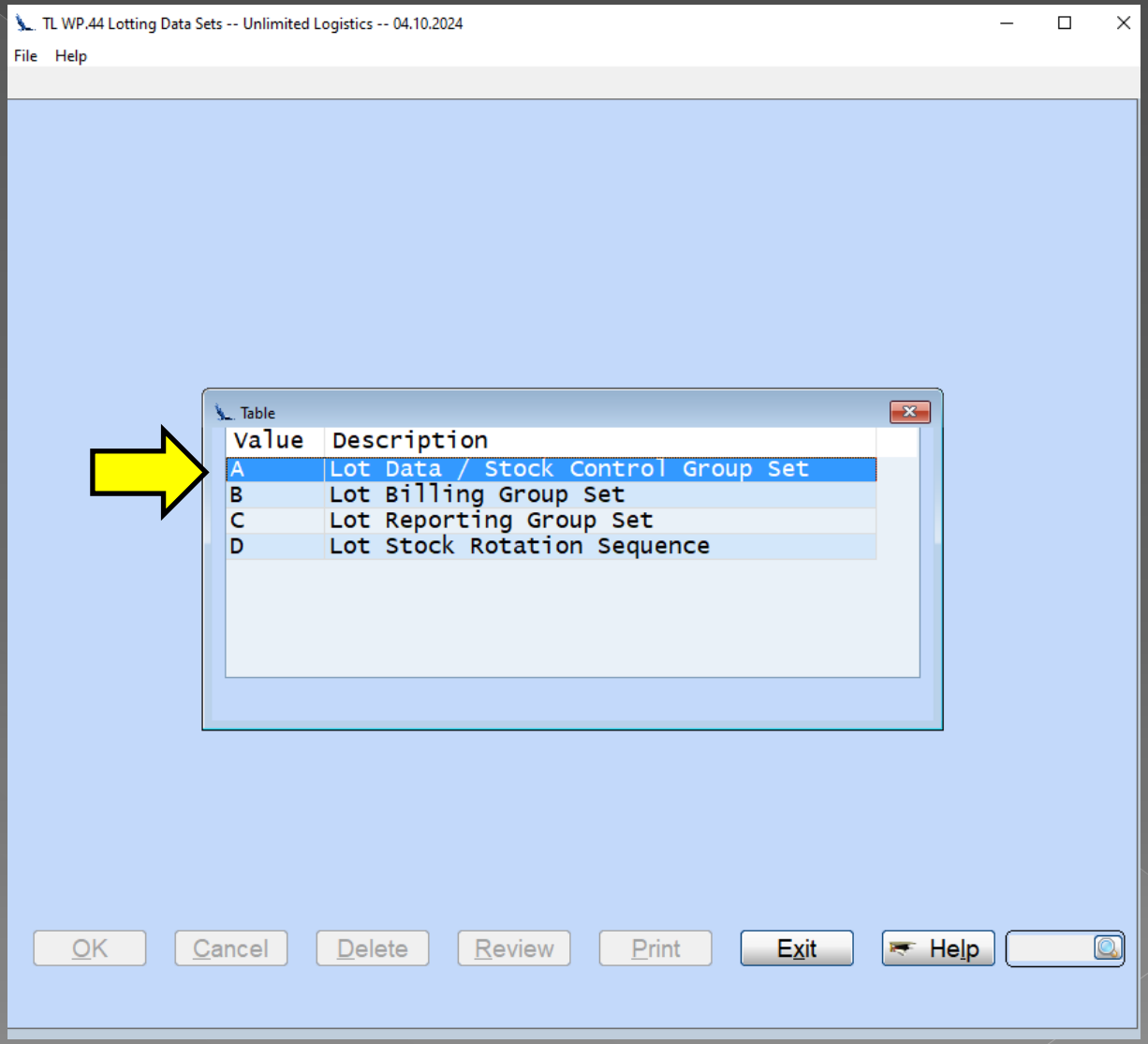
WP.43 Lot Components Allowed Values



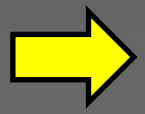
Sets

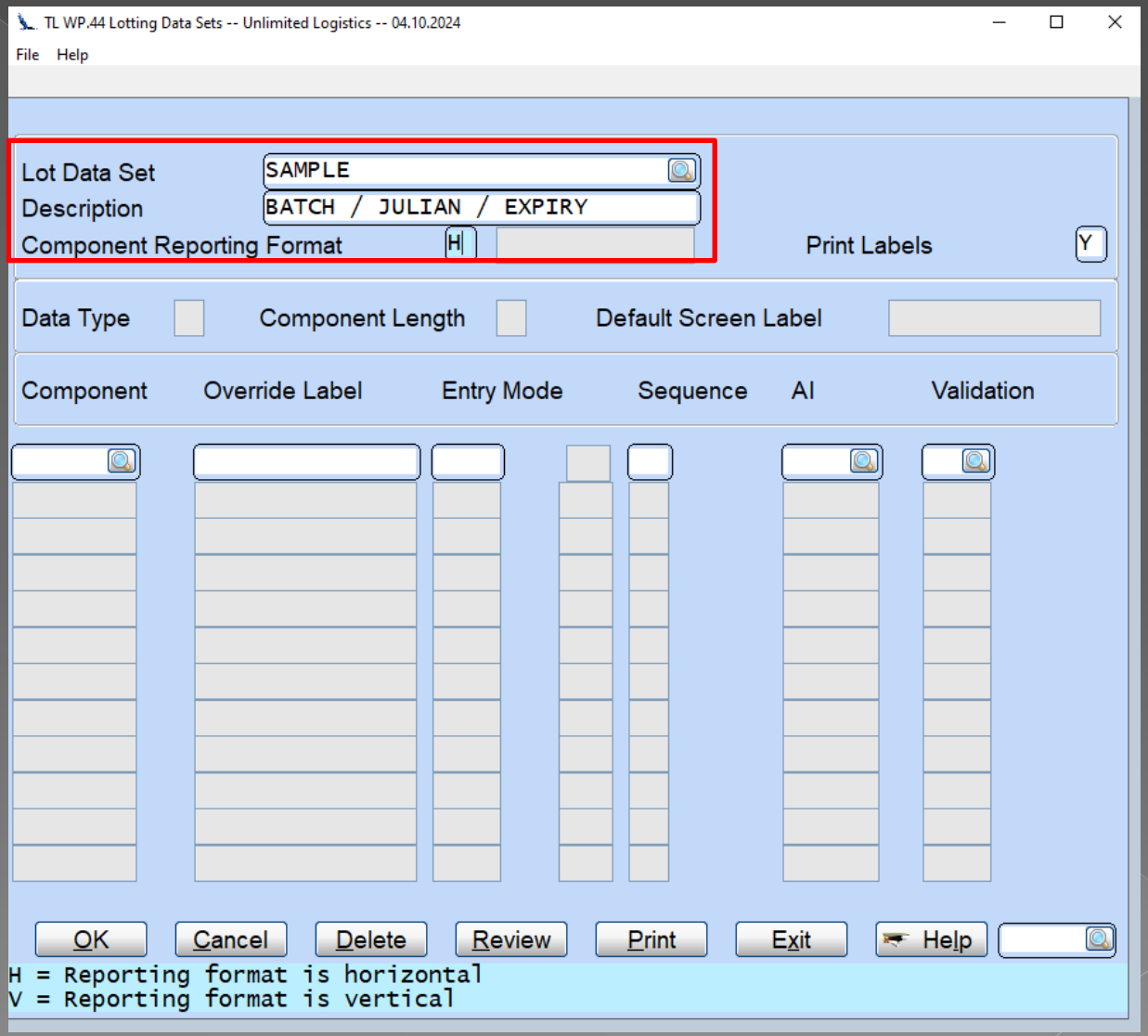
- Views
  - Control
    - Billing
    - Reporting
    - Rotation
- Entry Modes (for Lot Components)
  - User Entered
  - Derived Date
  - Copied
  - Application Identifier
  - System Generated

WP.44 Lotting Data Sets Stock Control View

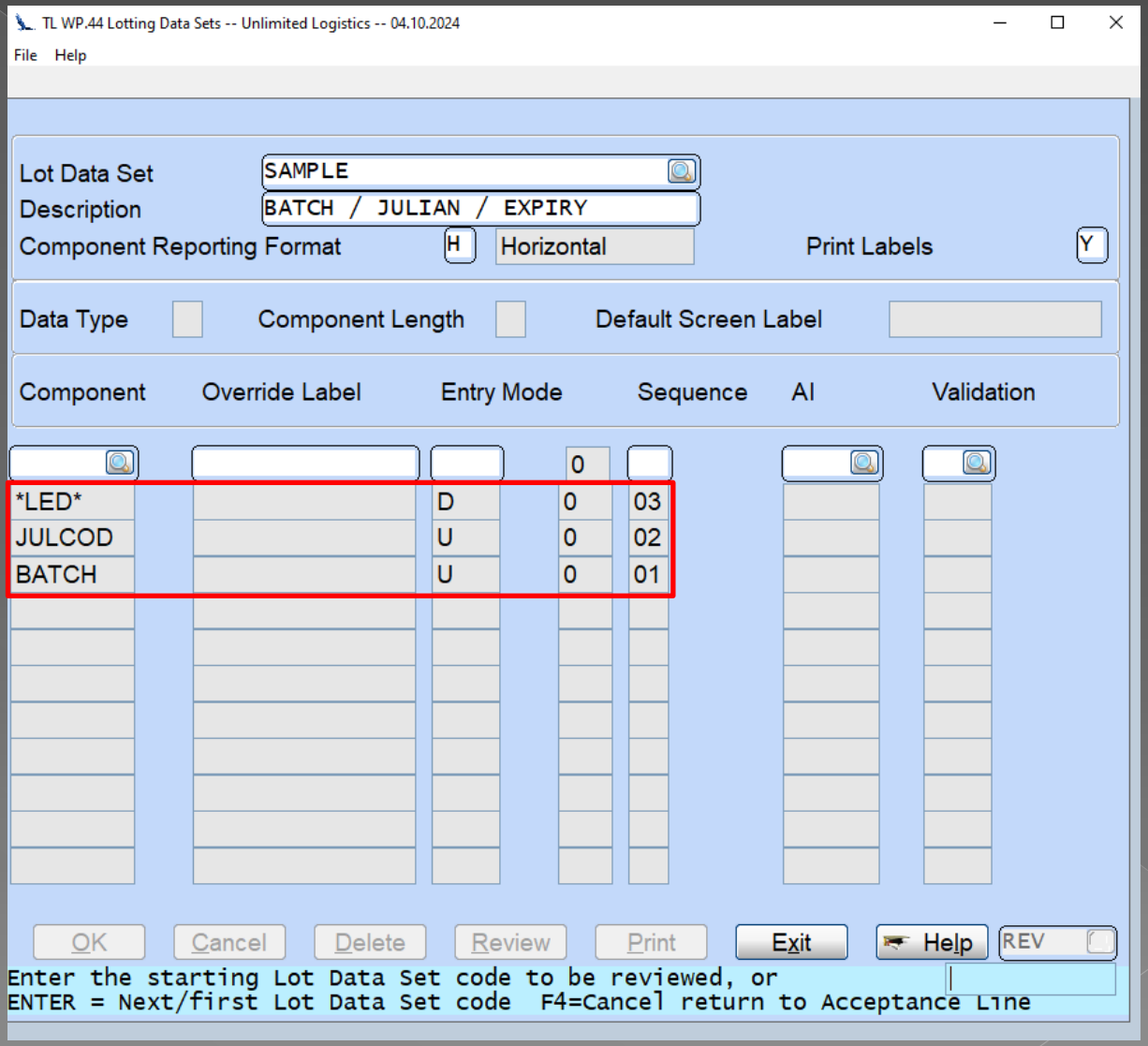


WP.44 Lotting Data Sets
Stock Control View - Header

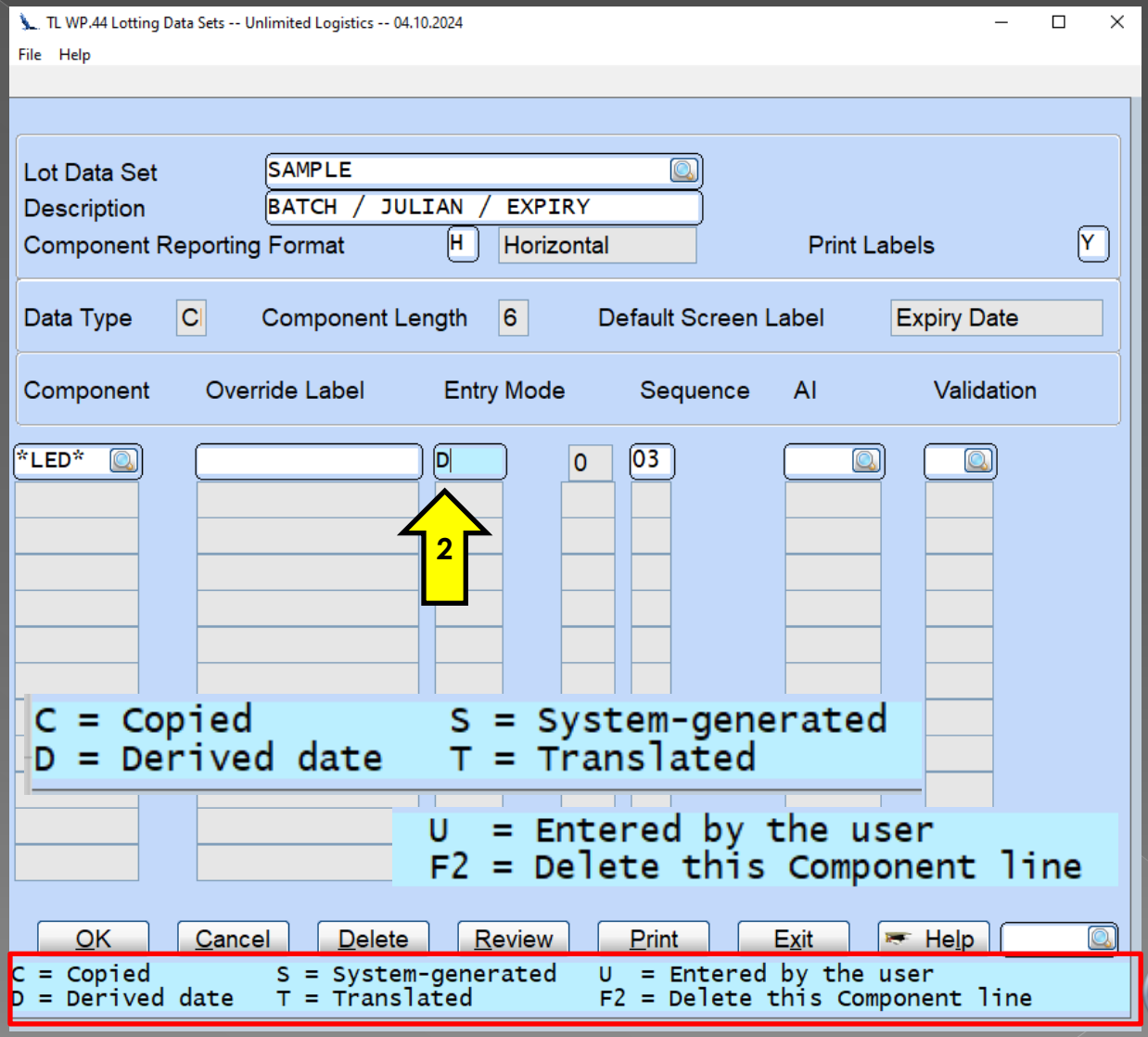




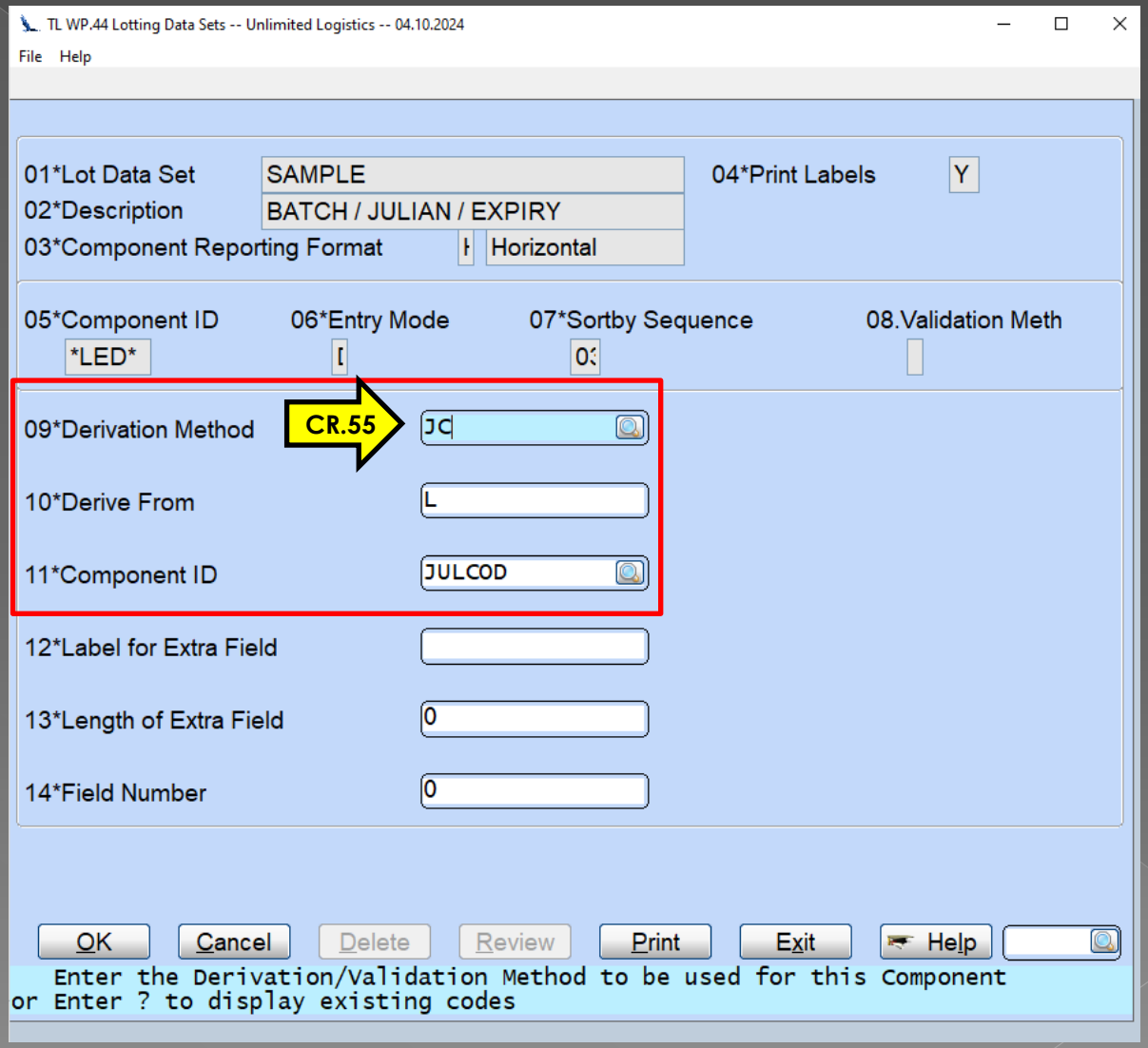
WP.44 Lotting Data Sets
Stock Control View - Components



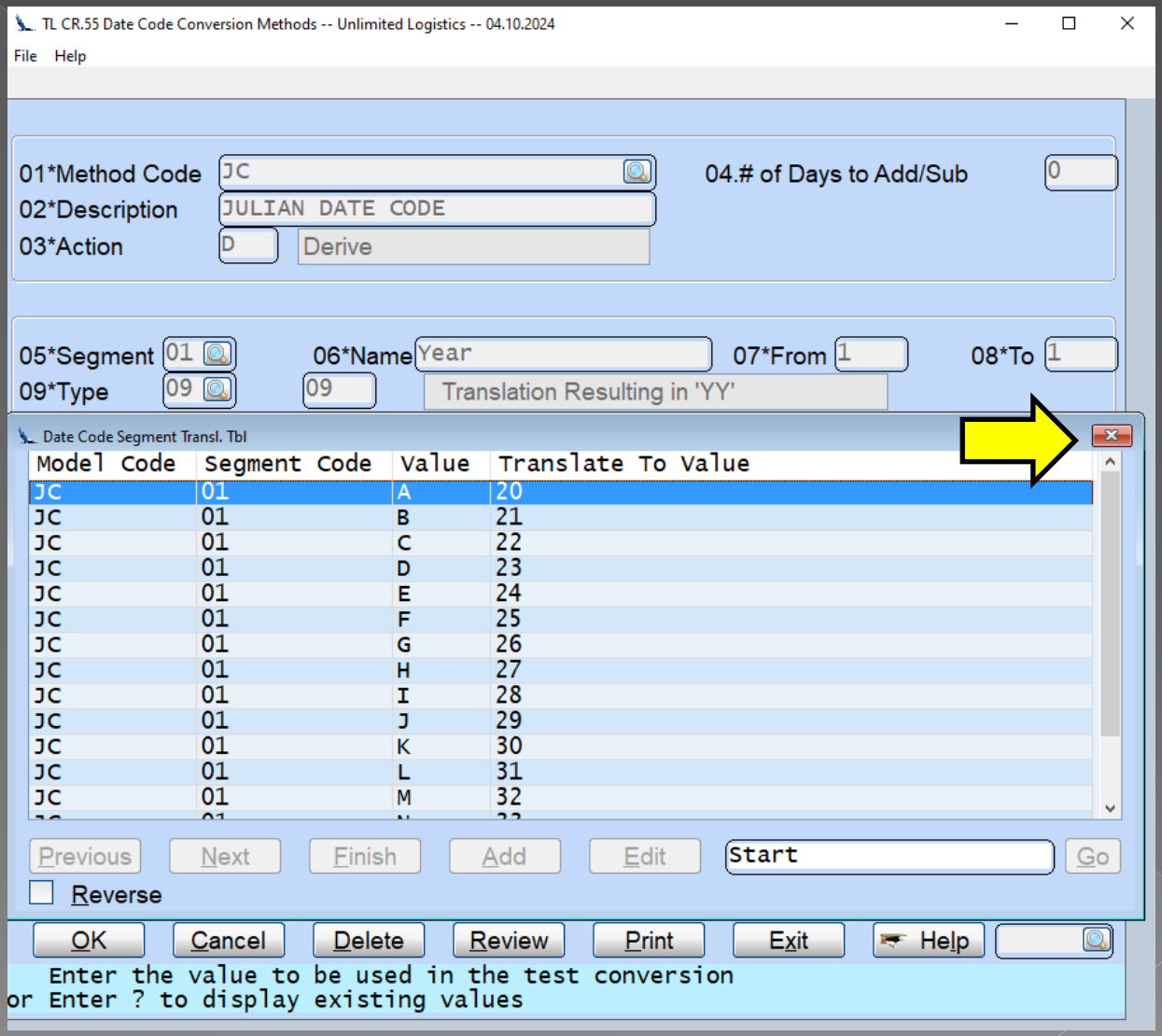
WP.44 Lotting Data Sets Entry Modes



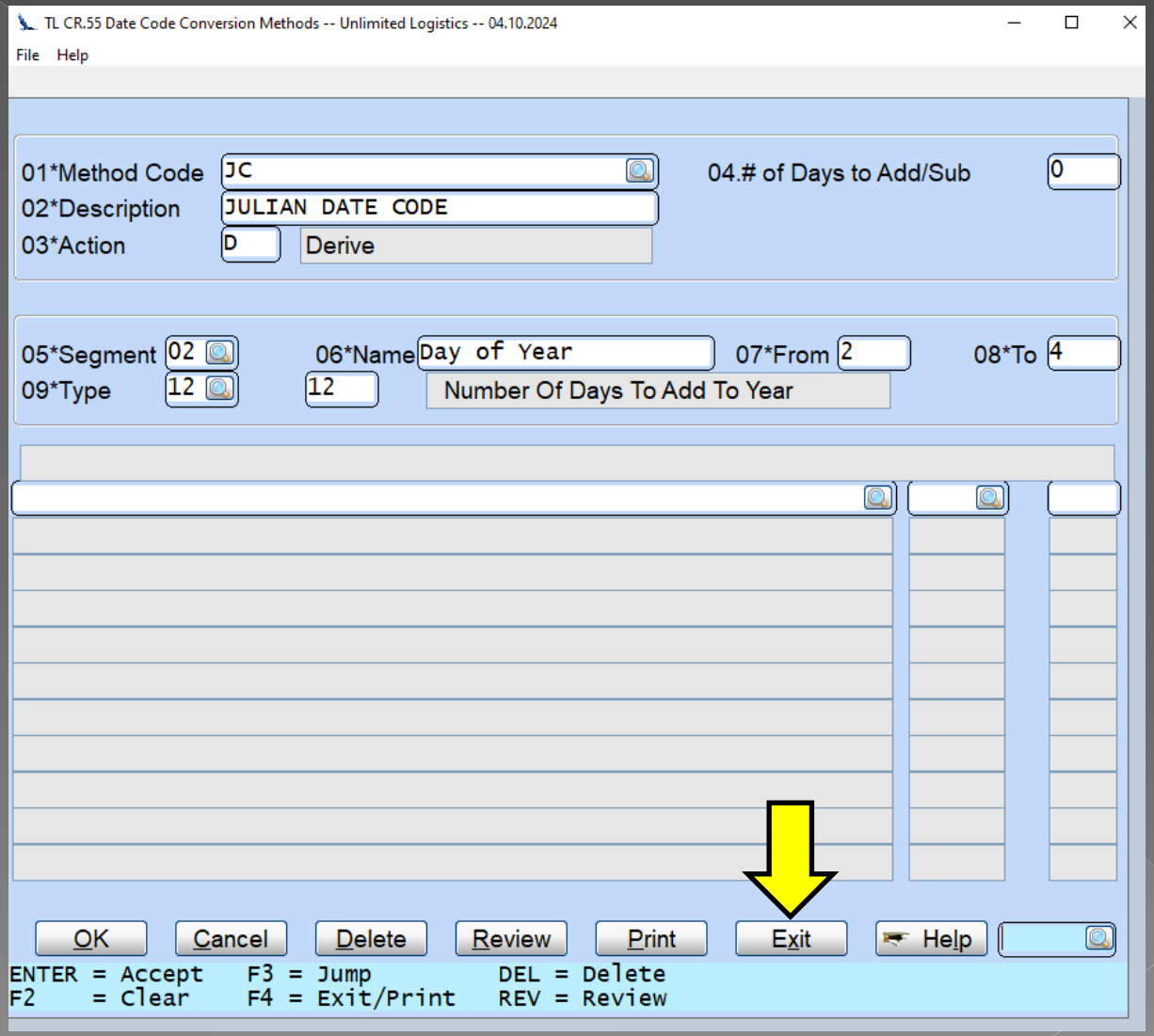
WP.44 Lotting Data Sets Entry Mode - Derive



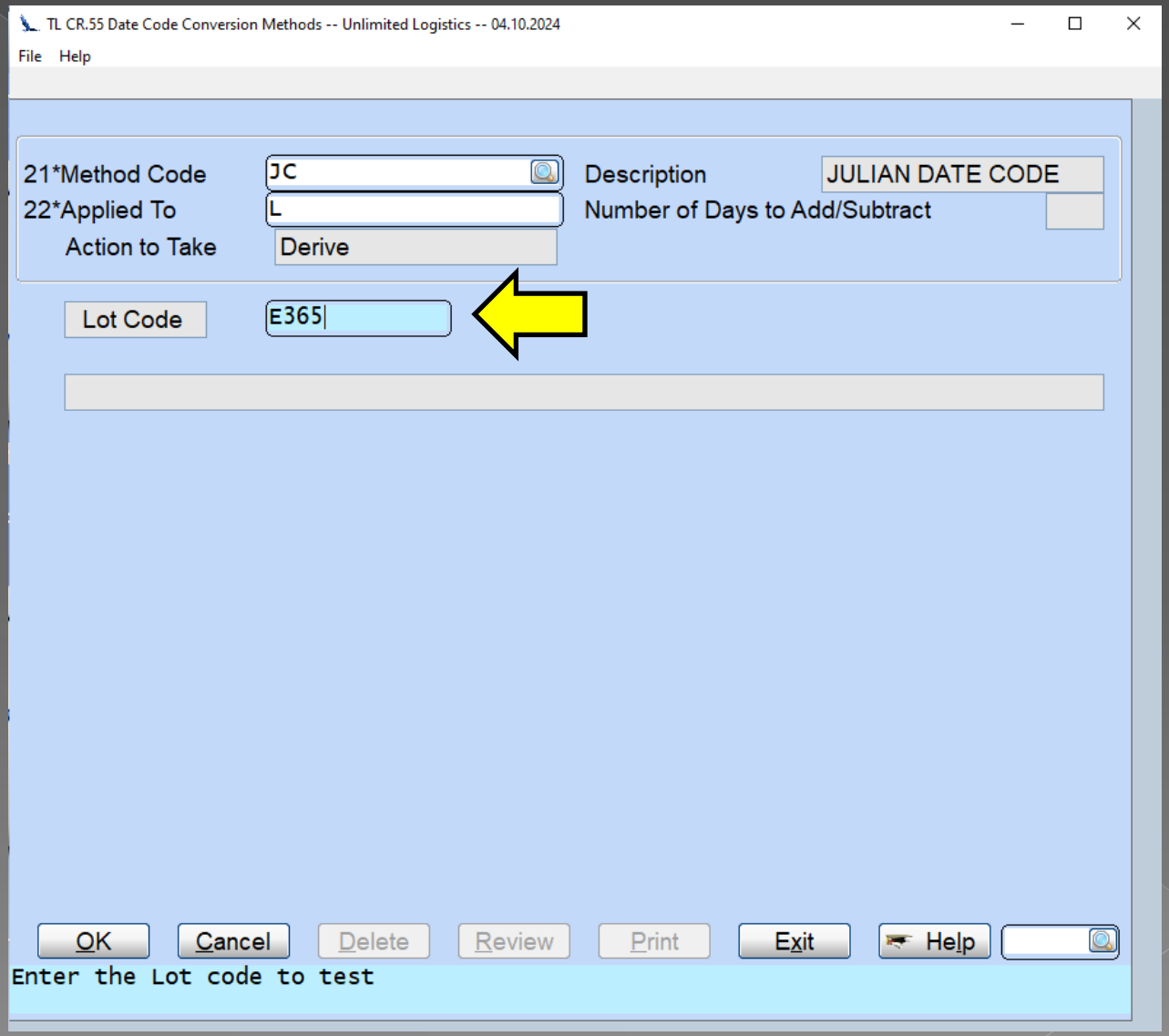
CR.55 Date Code Conversion Method Translate Code to a Year (YY)



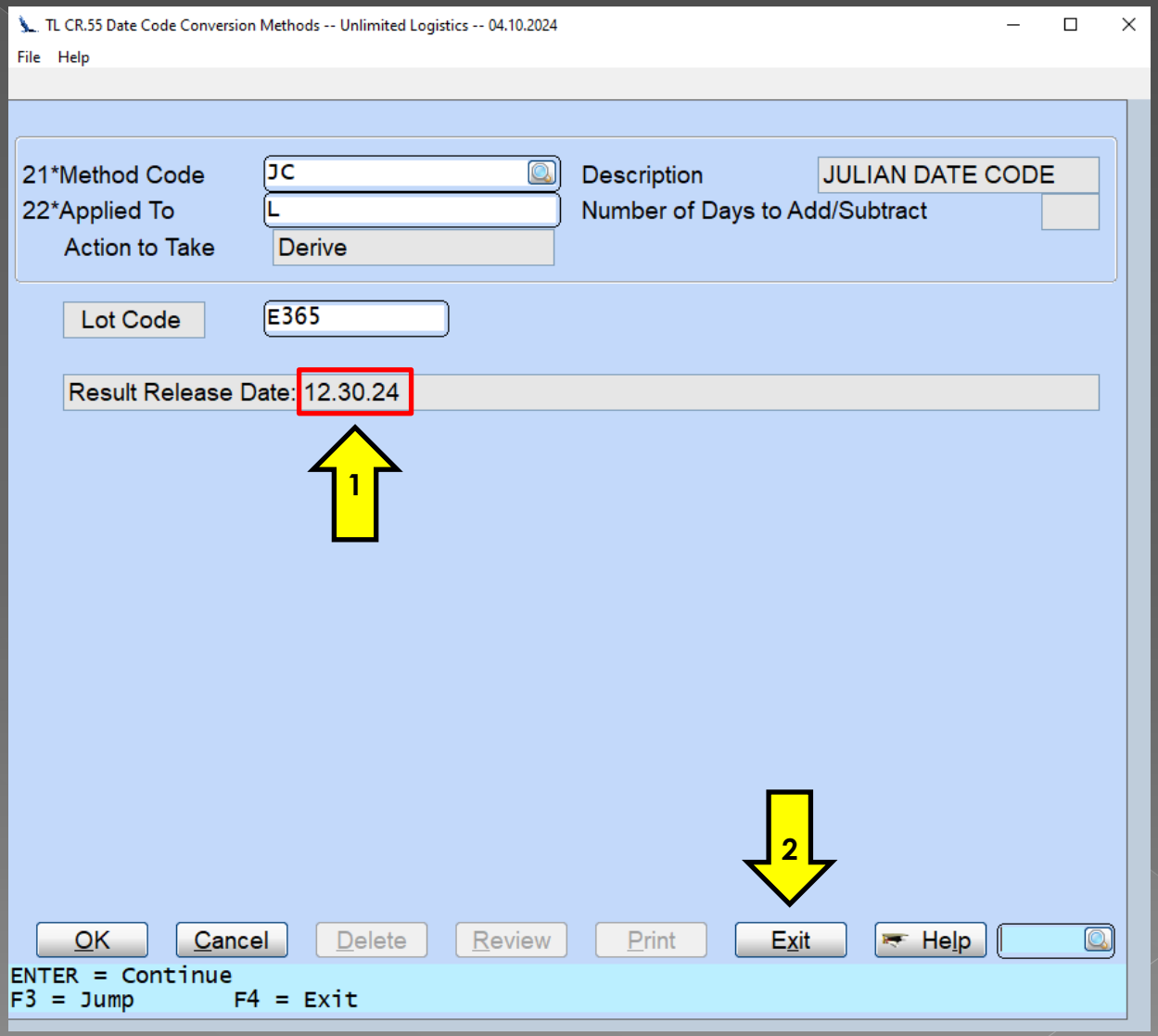
CR.55 Date Code Conversion Method # of Days to Add to the Year



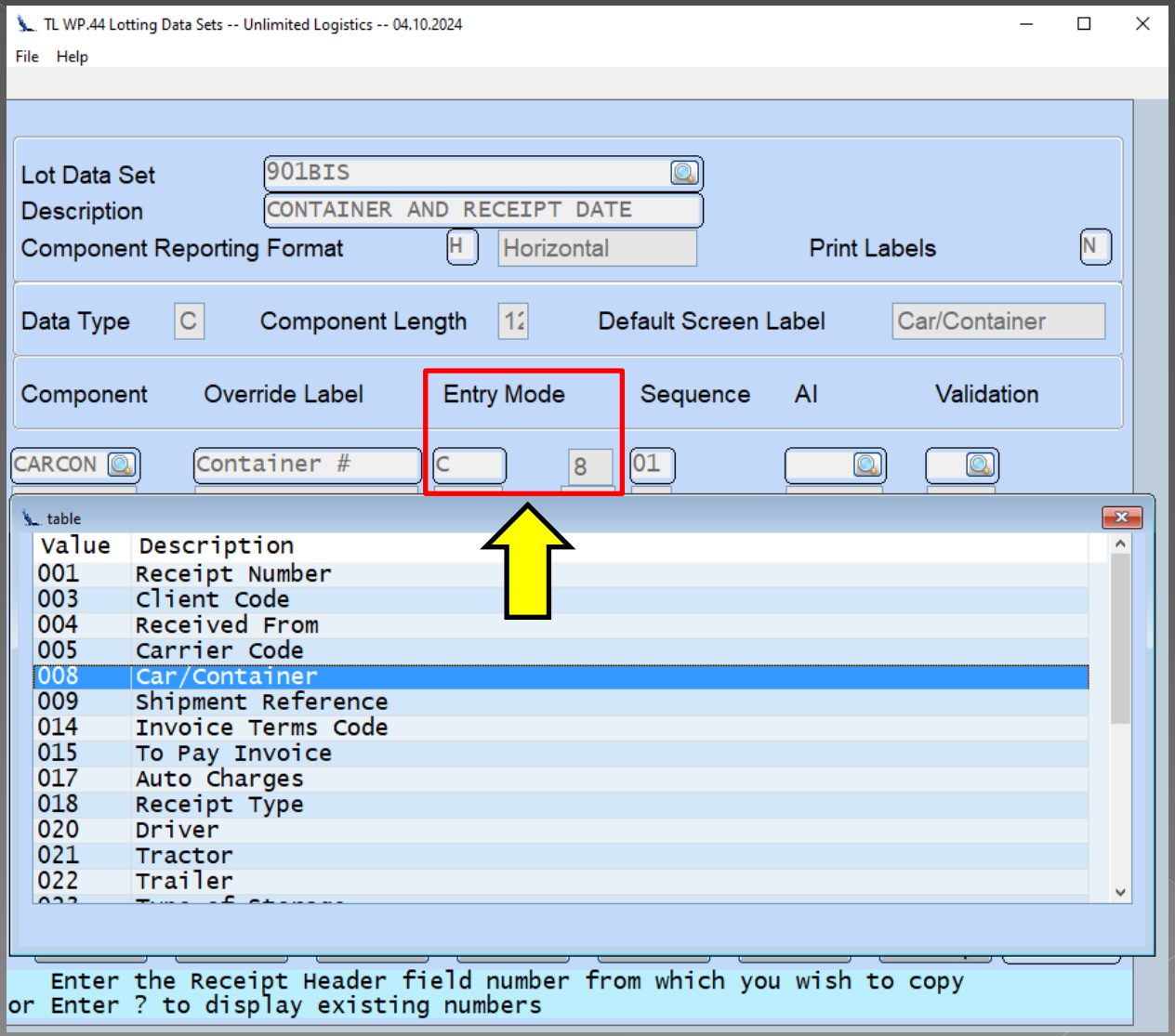
CR.55 Date Code Conversion Method Test Method



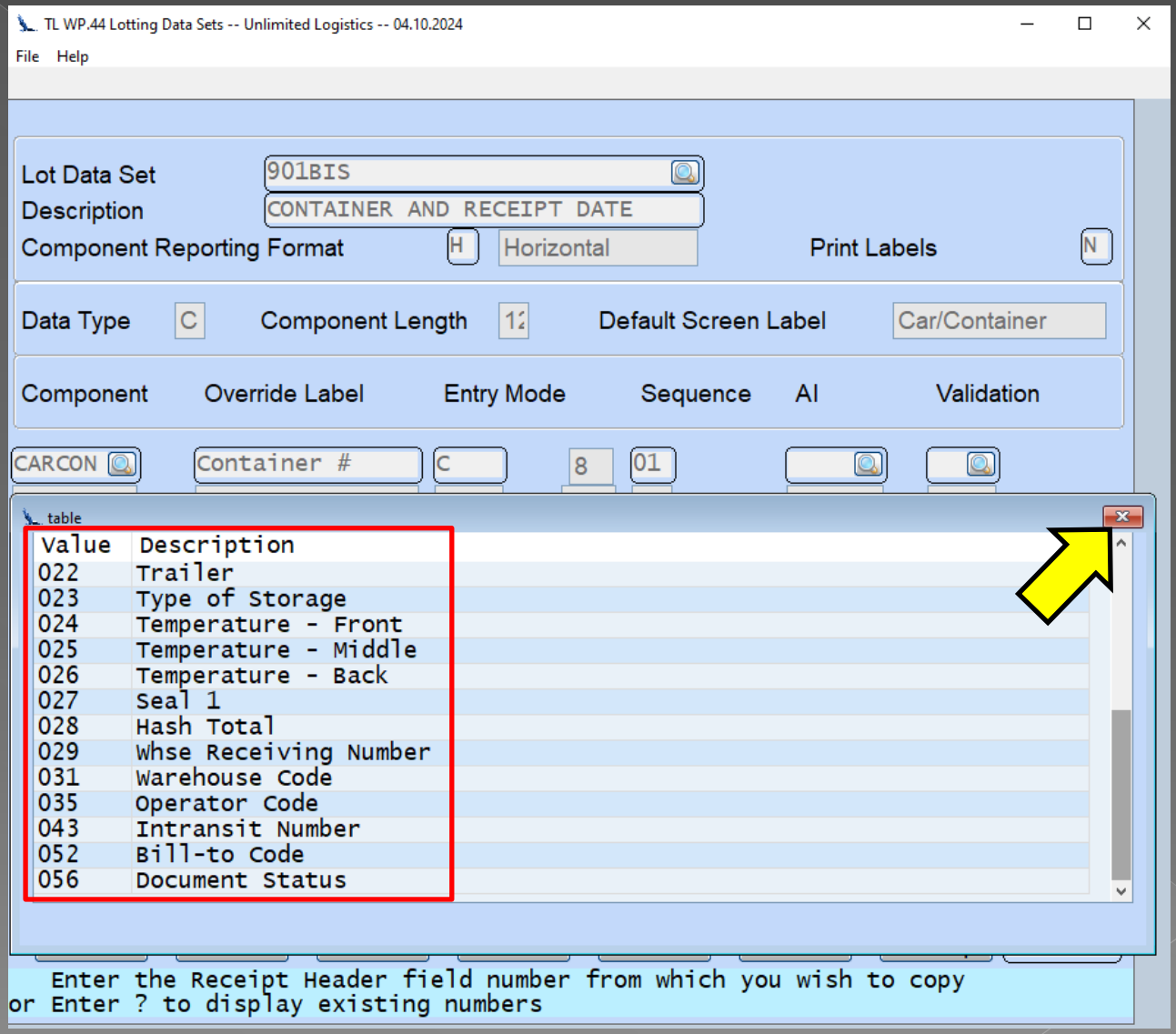
CR.55 Date Code Conversion Method Verify Method



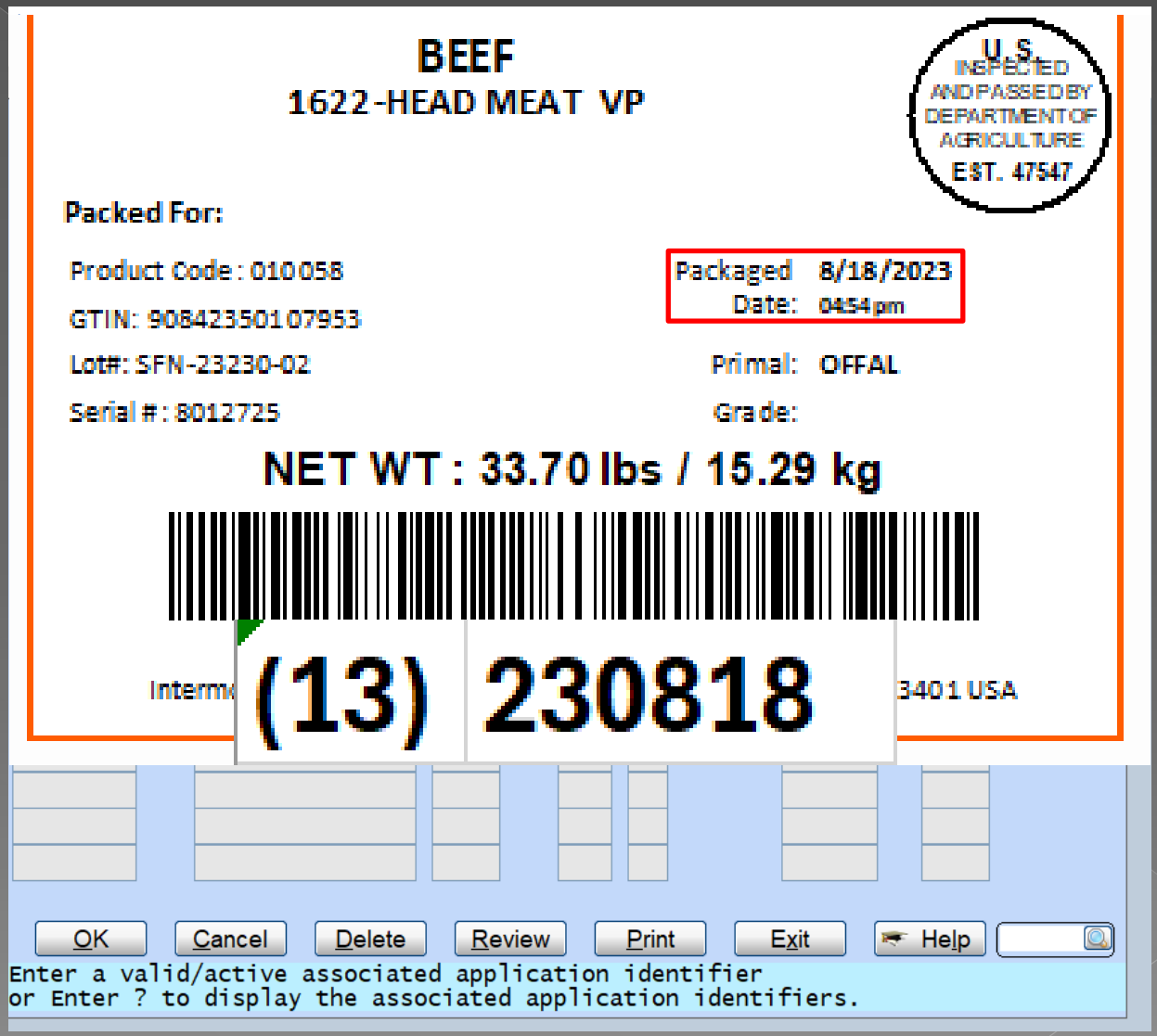
WP.44 Lotting Data Sets Entry Mode - Copy



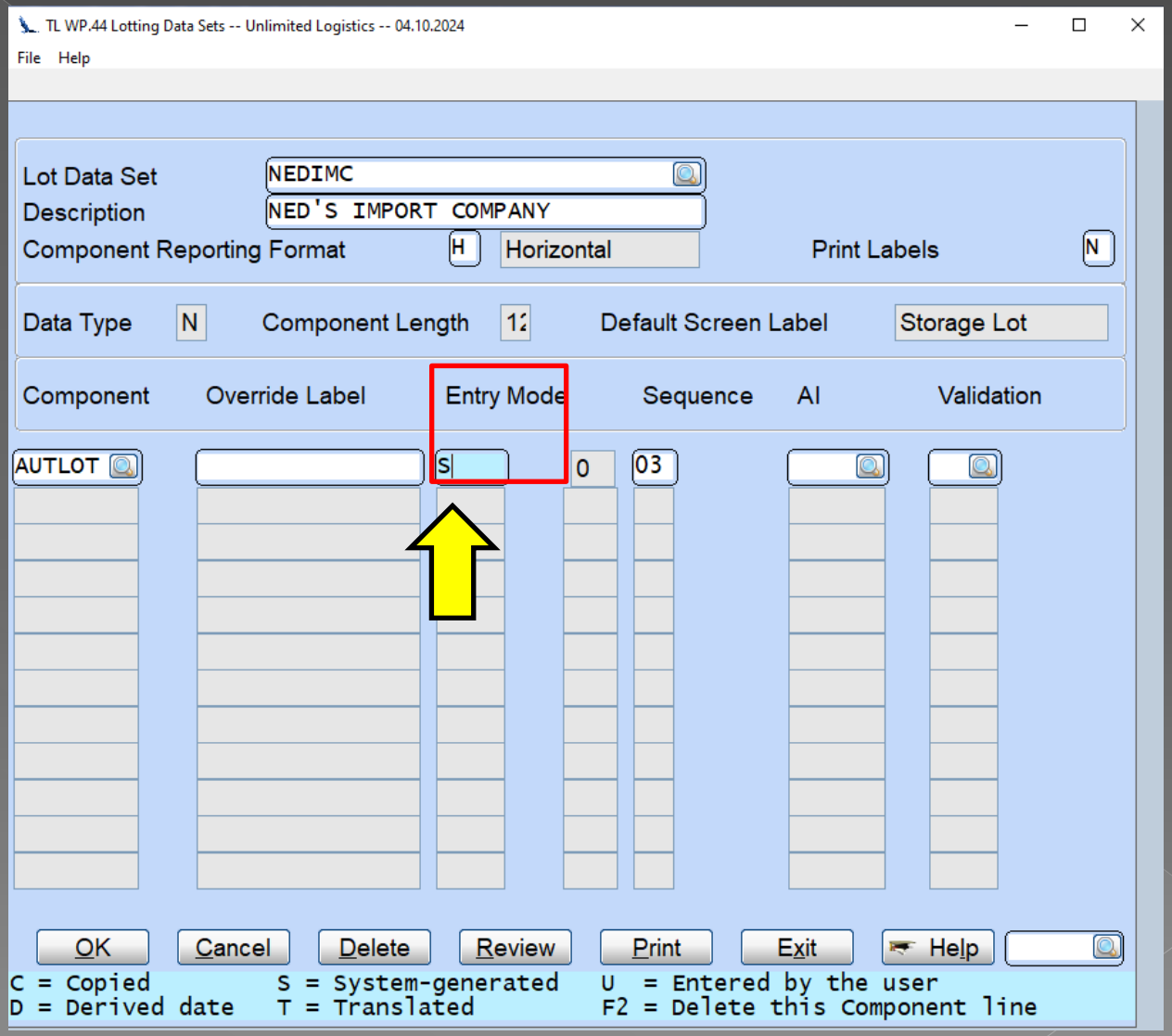
WP.44 Lotting Data Sets
Entry Mode – Other Copy from Options



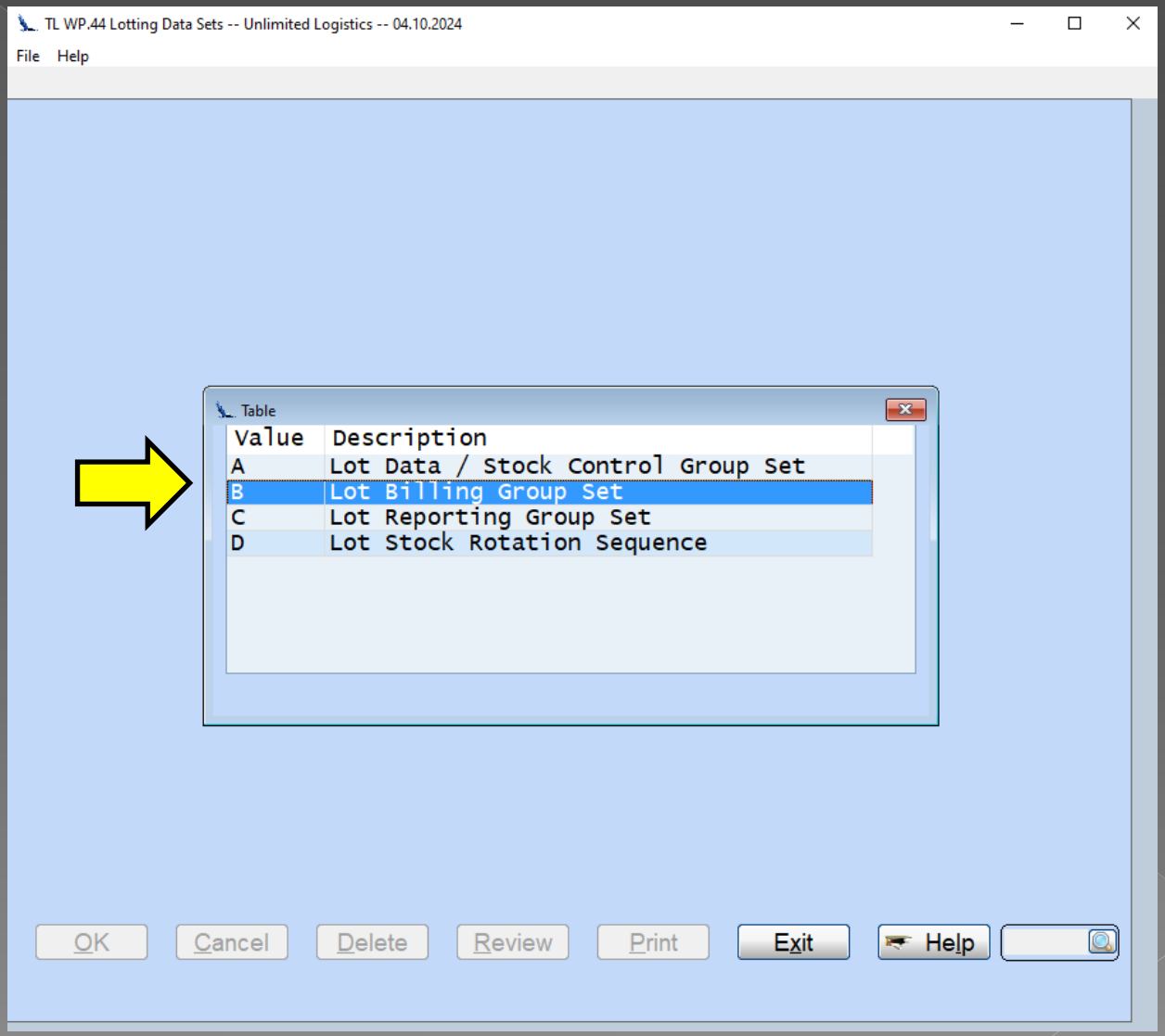
WP.44 Lotting Data Sets
Entry Mode - Application Identifier (AI)



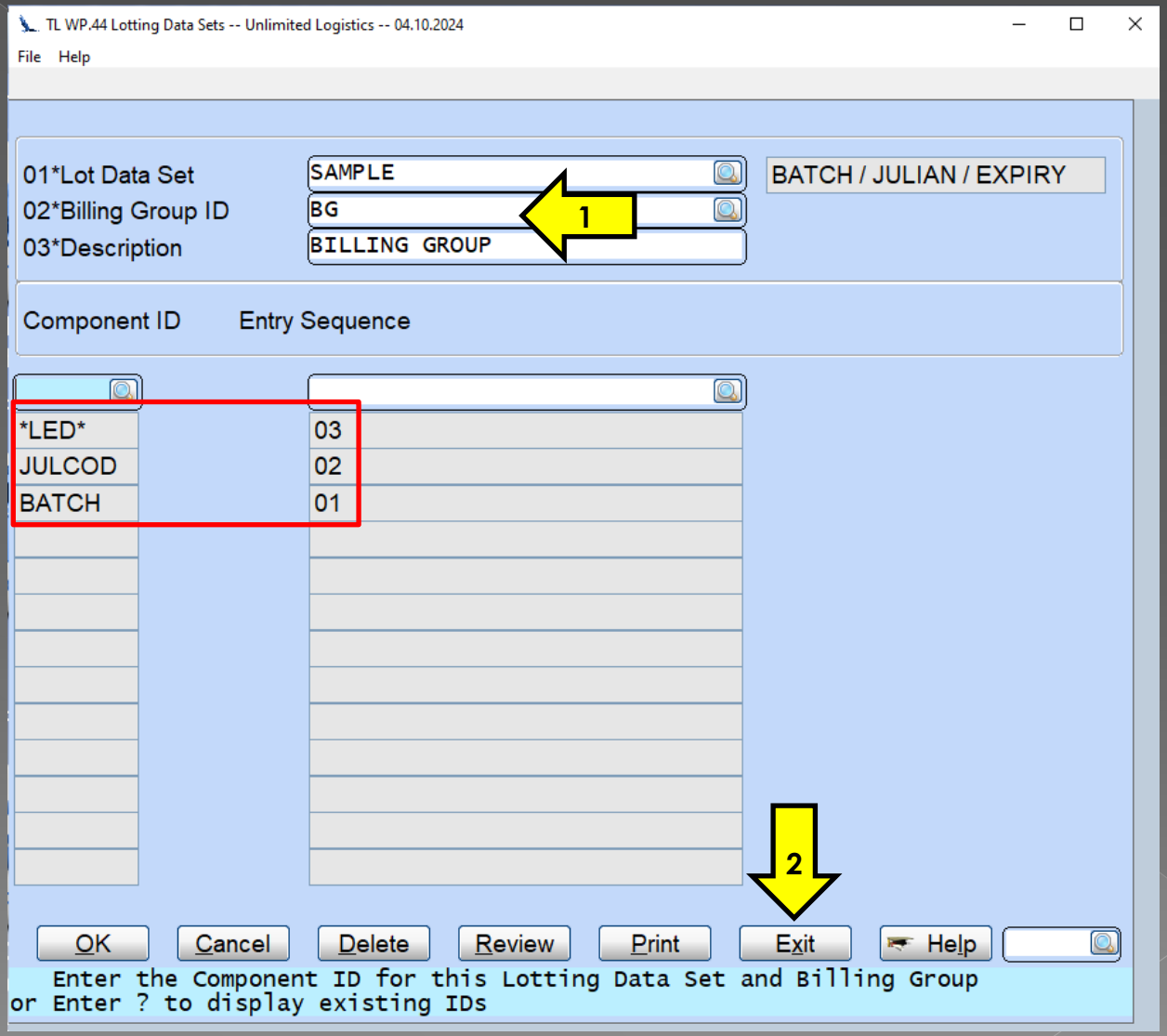
WP.44 Lotting Data Sets
Entry Mode - System Generated



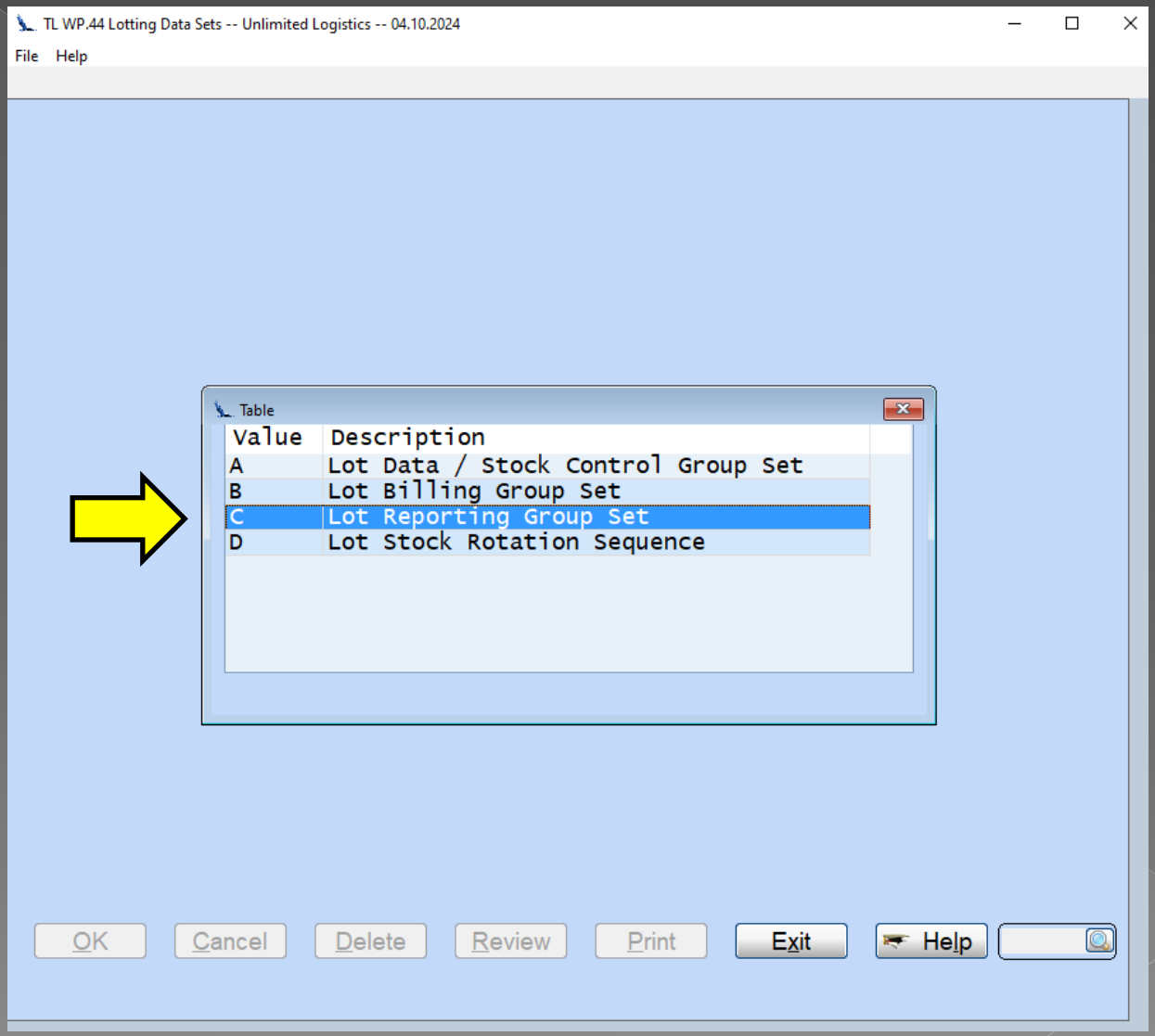
WP.44 Lotting Data Sets Billing Views



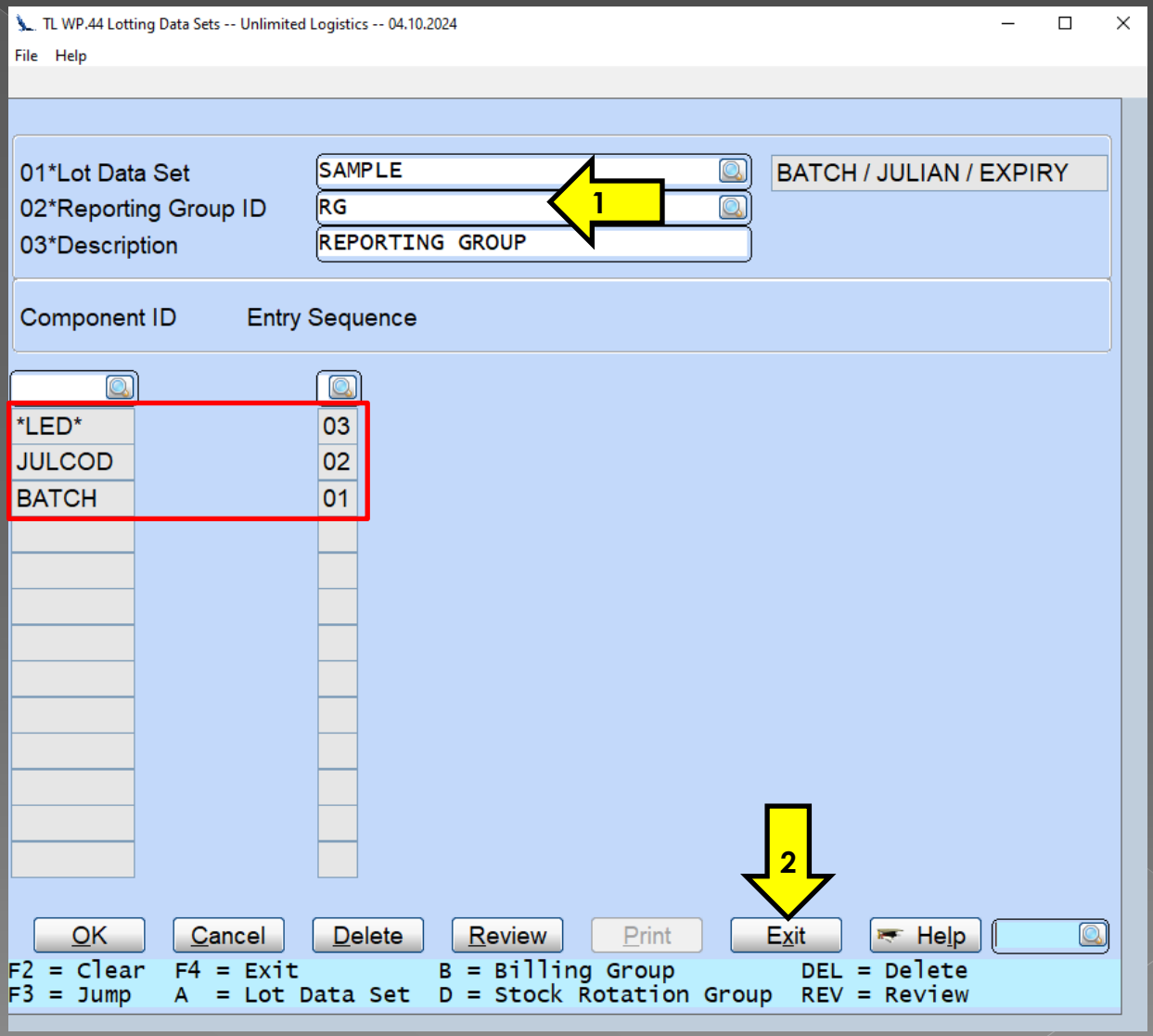
WP.44 Lotting Data Sets Billing Views



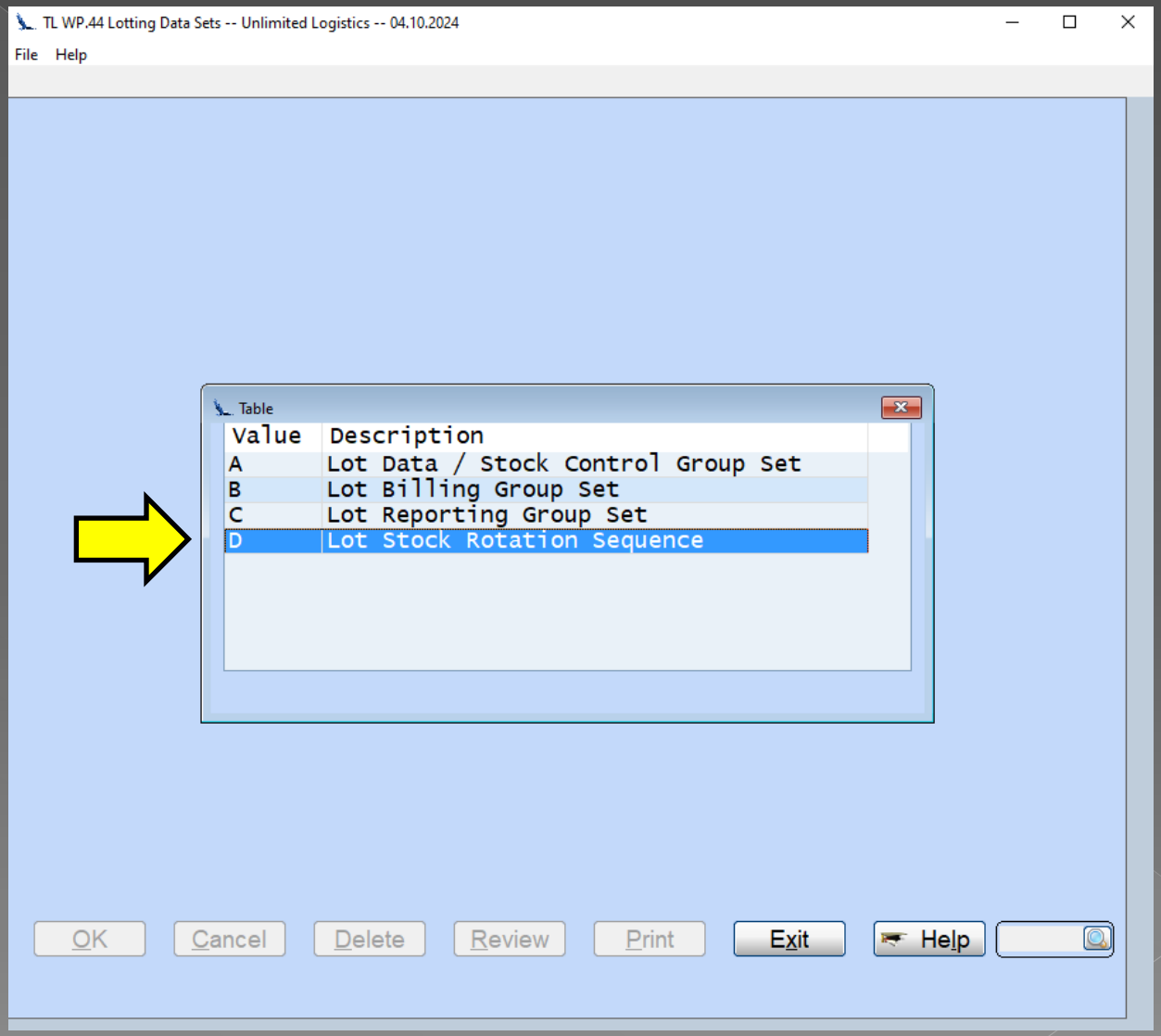
WP.44 Lotting Data Sets Reporting Views



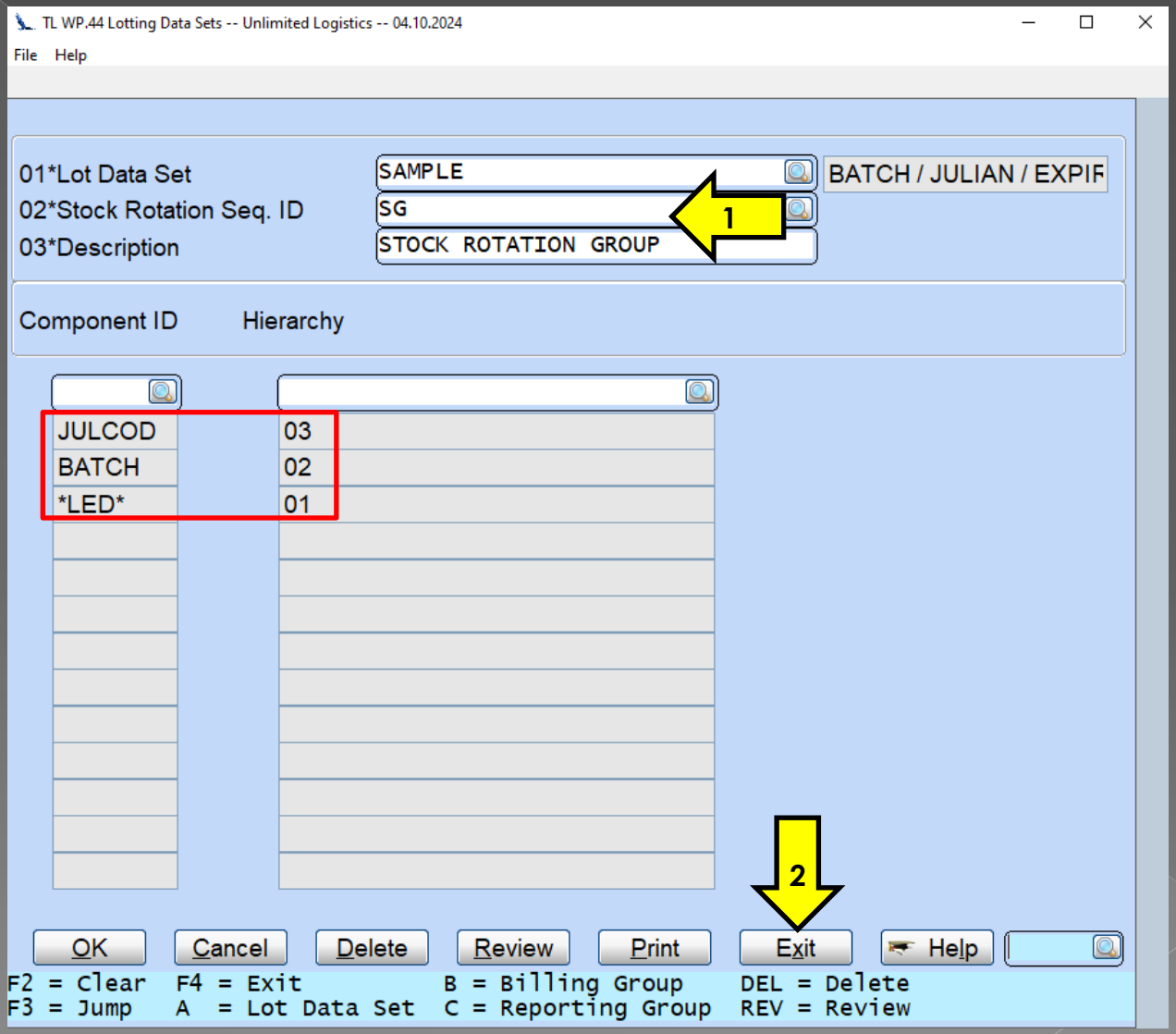
WP.44 Lotting Data Sets Reporting Views



WP.44 Lotting Data Sets Rotation Views



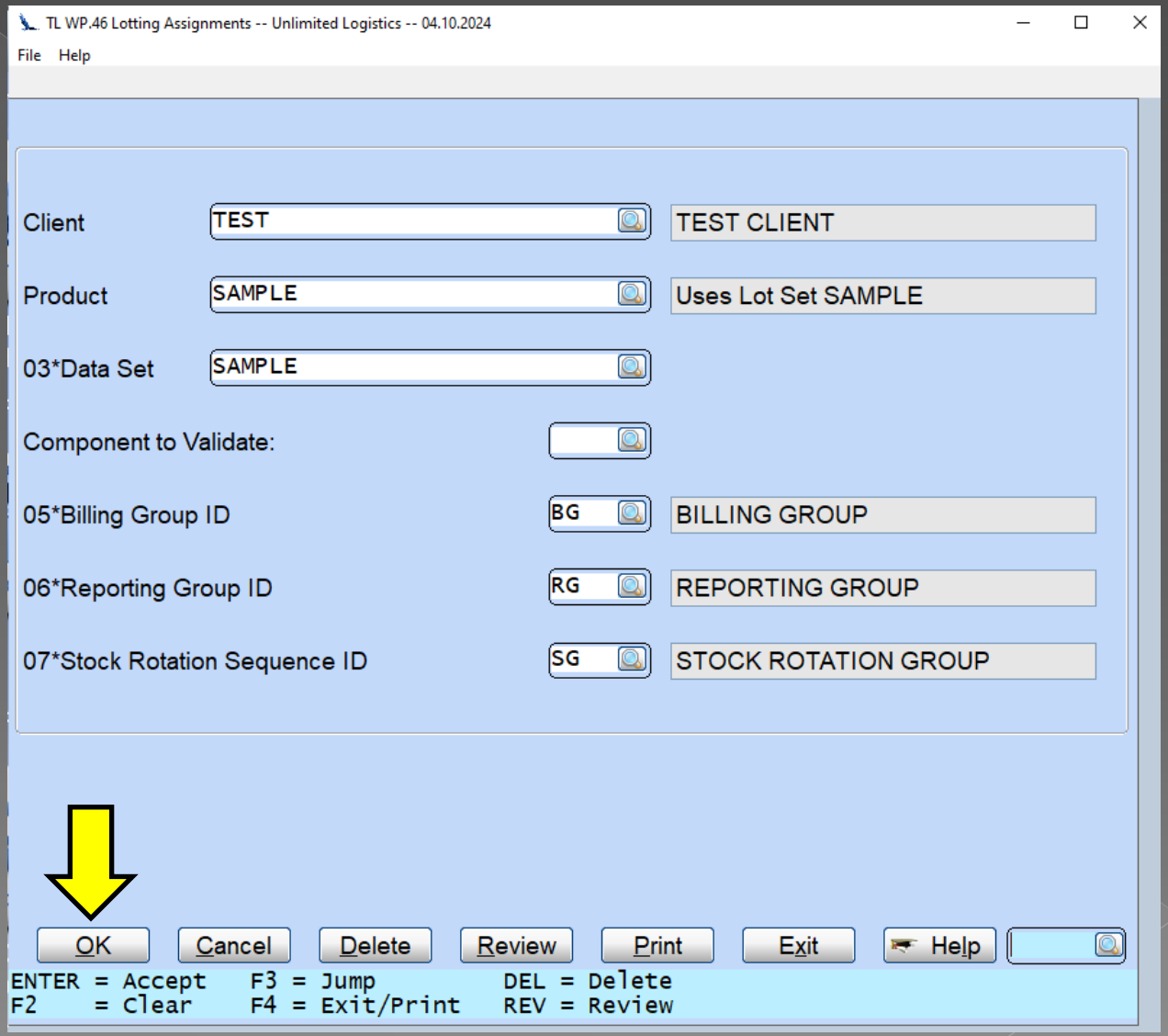
WP.44 Lotting Data Sets Rotation Views



Other

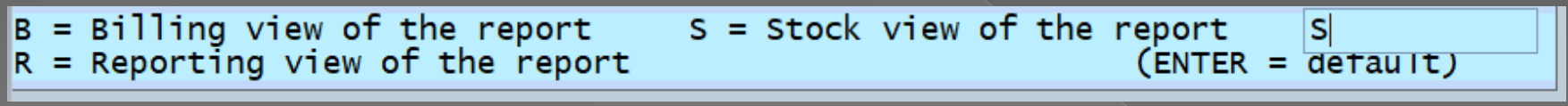
- Assignment
- Reports by Lot Set View
- Lot Set Changes
- HighViews

WP.46 Lotting Assignment
Link Clients/Products to a Lot Set



Reports by Lot Set View

- The System will prompt the User to select a Lot Set View for the following Reports:
  - IC.03 Activity Reports – On Request
  - IC.23 Activity Report by Lot Sequence
  - IC.07 Product Lot Stock Balances
  - IC.27 Stock Balances by Lot Sequence



Lot Set Changes

- WP.47 Lot Set Change - Definition
- WP.48 Lot Set Change - Check
- WP.49 Lot Set Change - Preview Report
- WP.50 Lot Set Change - Commit

Business Scenario/Requirement:

Old/From Lot Set				
Lot Set	***Component***	***Description***	***Data***	***Length***
MULTIL	*LOT*	Legacy Lot Code	Alphanumeric	12

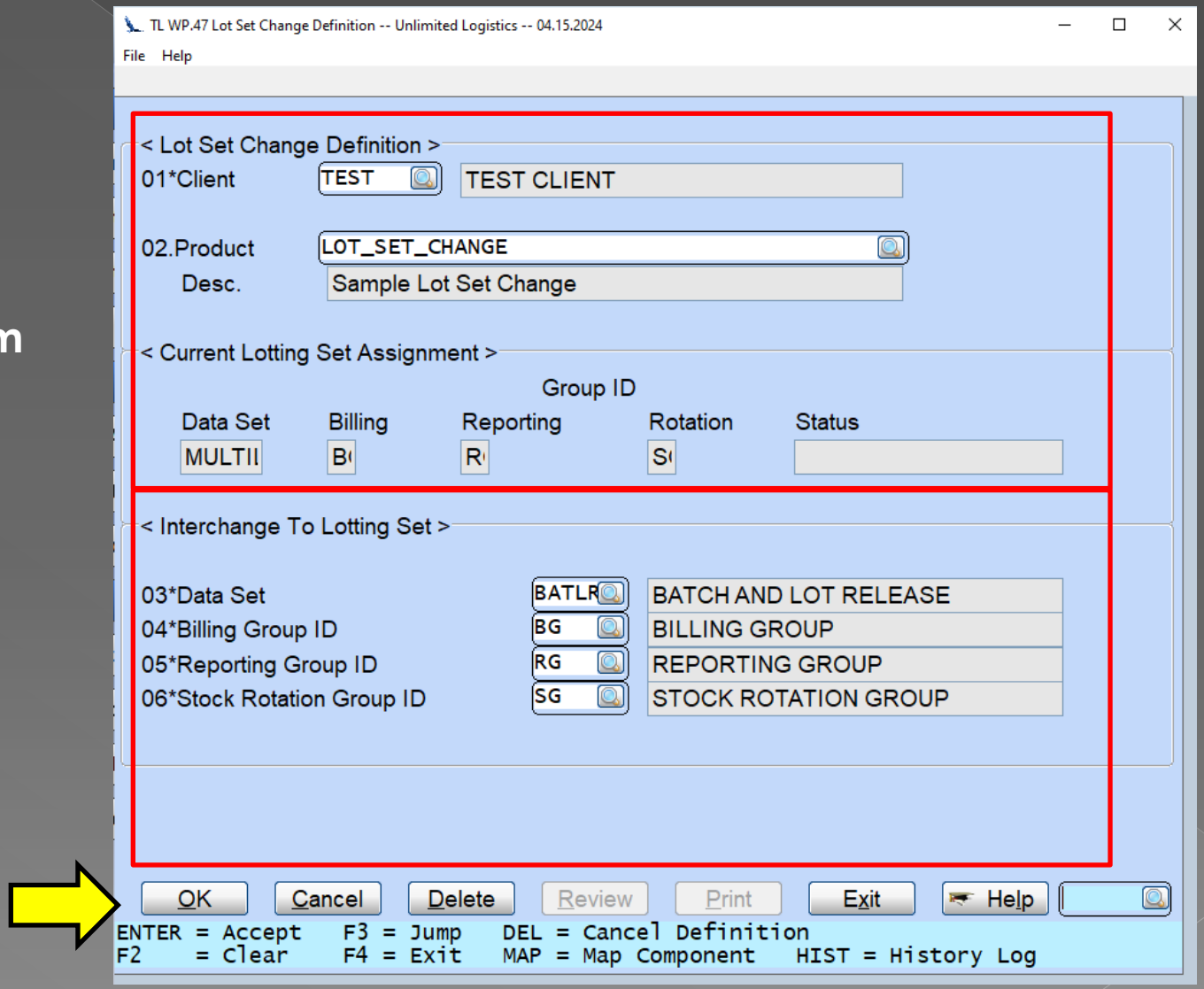
New/To Lot Set				
Lot Set	***Component***	***Description***	***Data***	***Length***
BATLRD	BATCHN	Batch Number	Alphanumeric	12
	LRD	Lot Release Date	Date	6

Mapping				
From		***To***		
Lot Set	***Component***	***Lot Set***	***Component***	***Population Method***
MULTIL	*LOT*	BATLRD	BATCHN	Copy
		BATLRD	*LRD*	Original Receipt Date

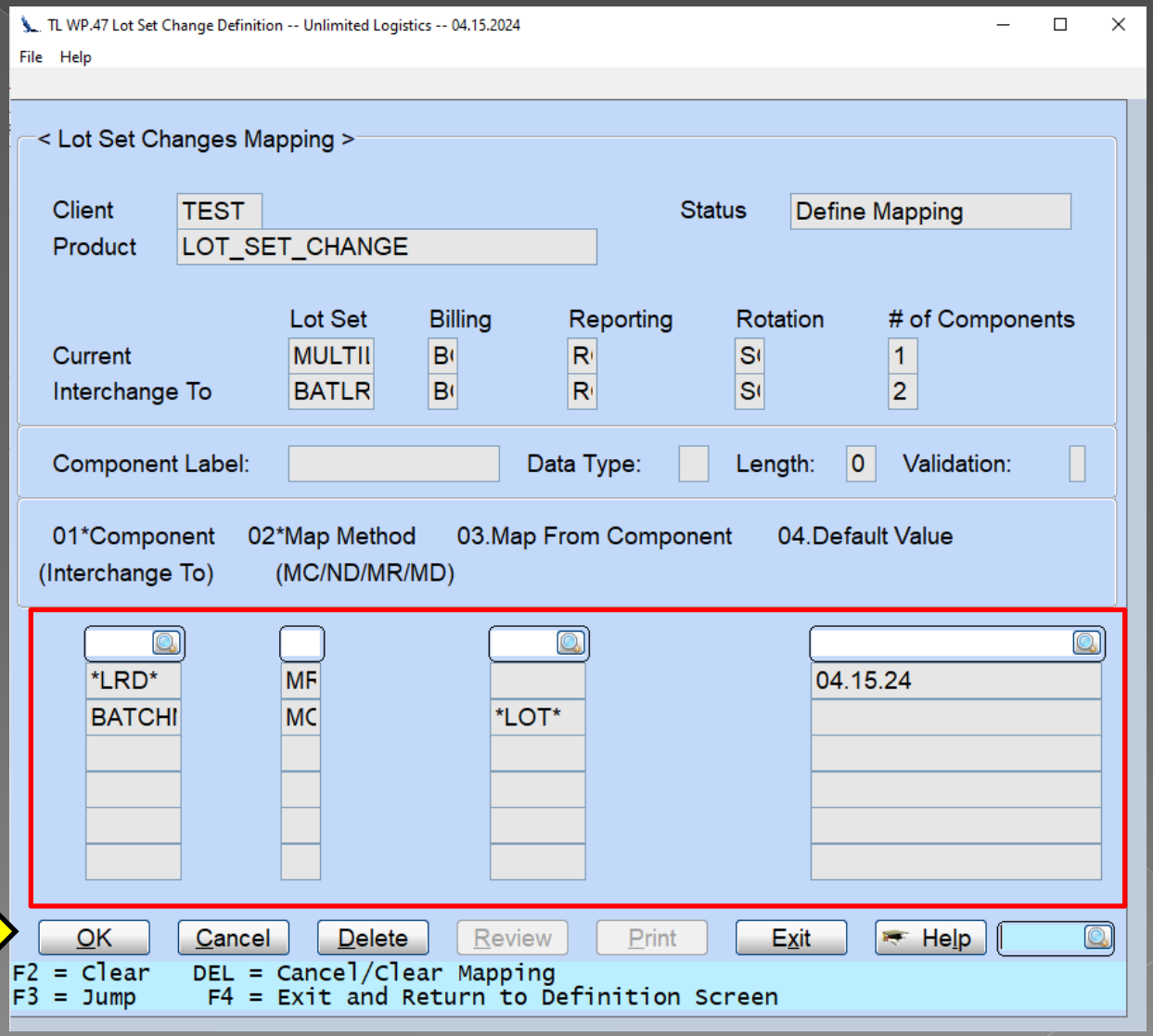
WP.47 Lot Set Change - Definition

From

To



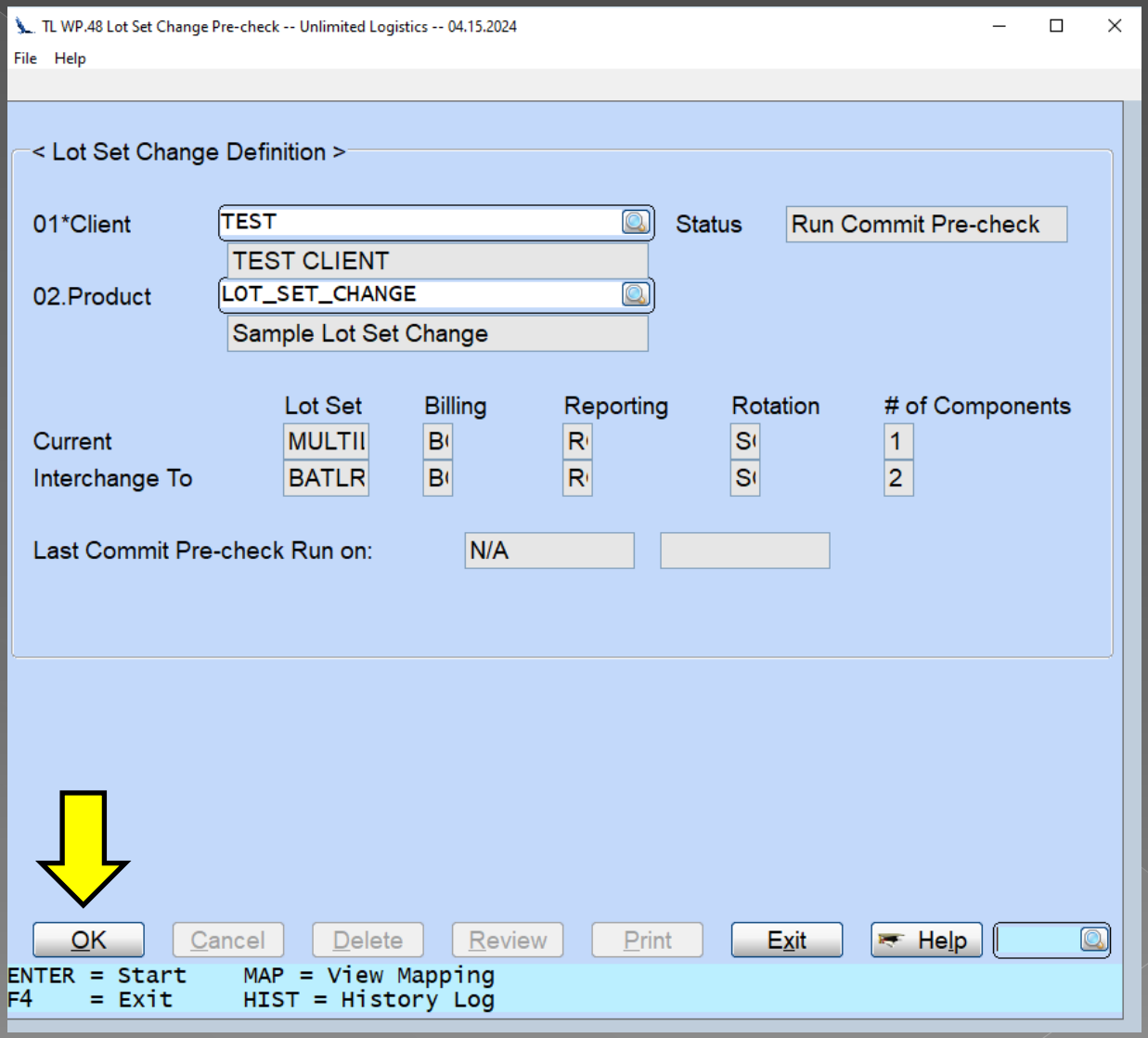
WP.47 Lot Set Change - Definition



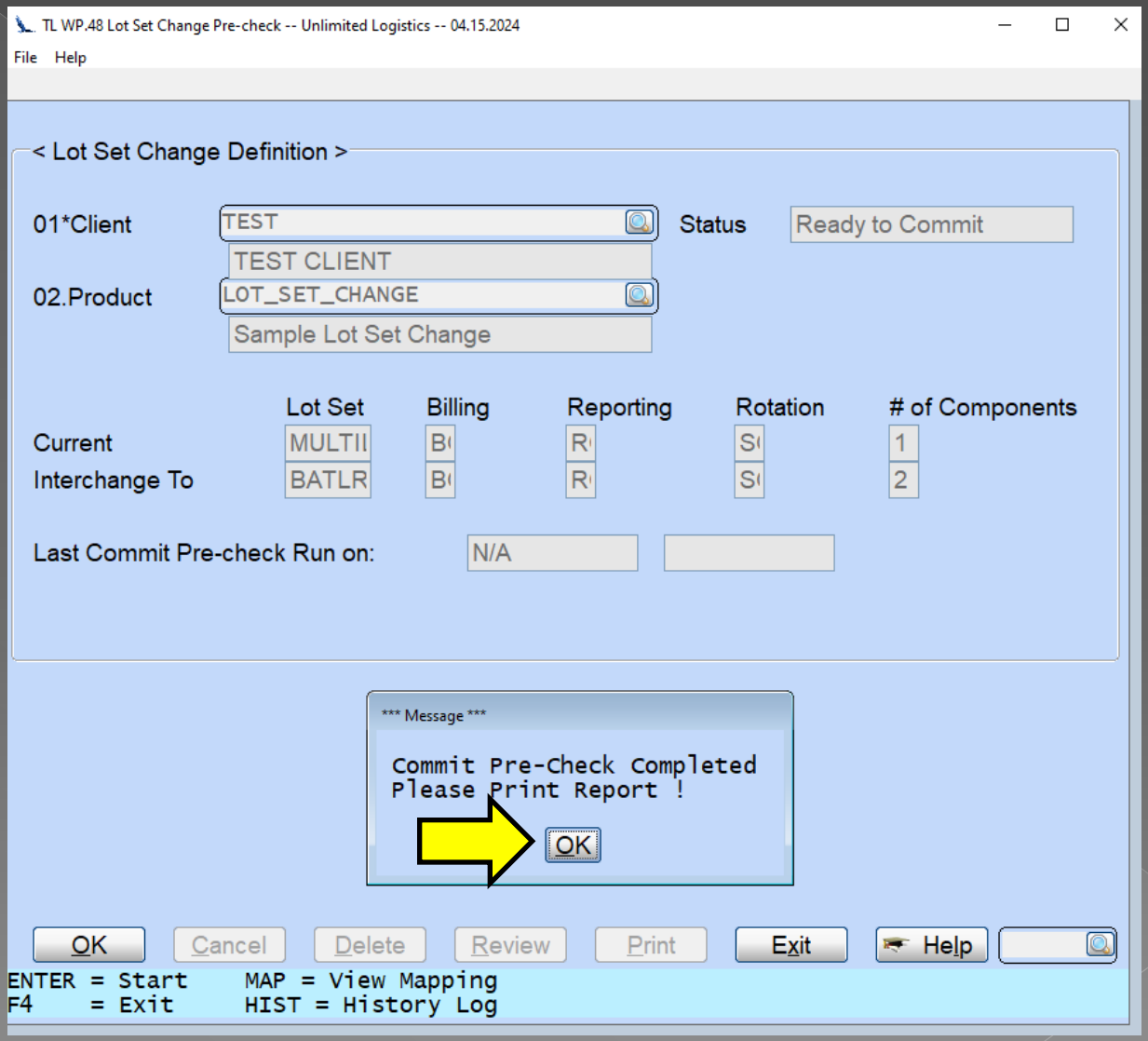
MR = From Lot's Original Receipt Date

MC = From a Component

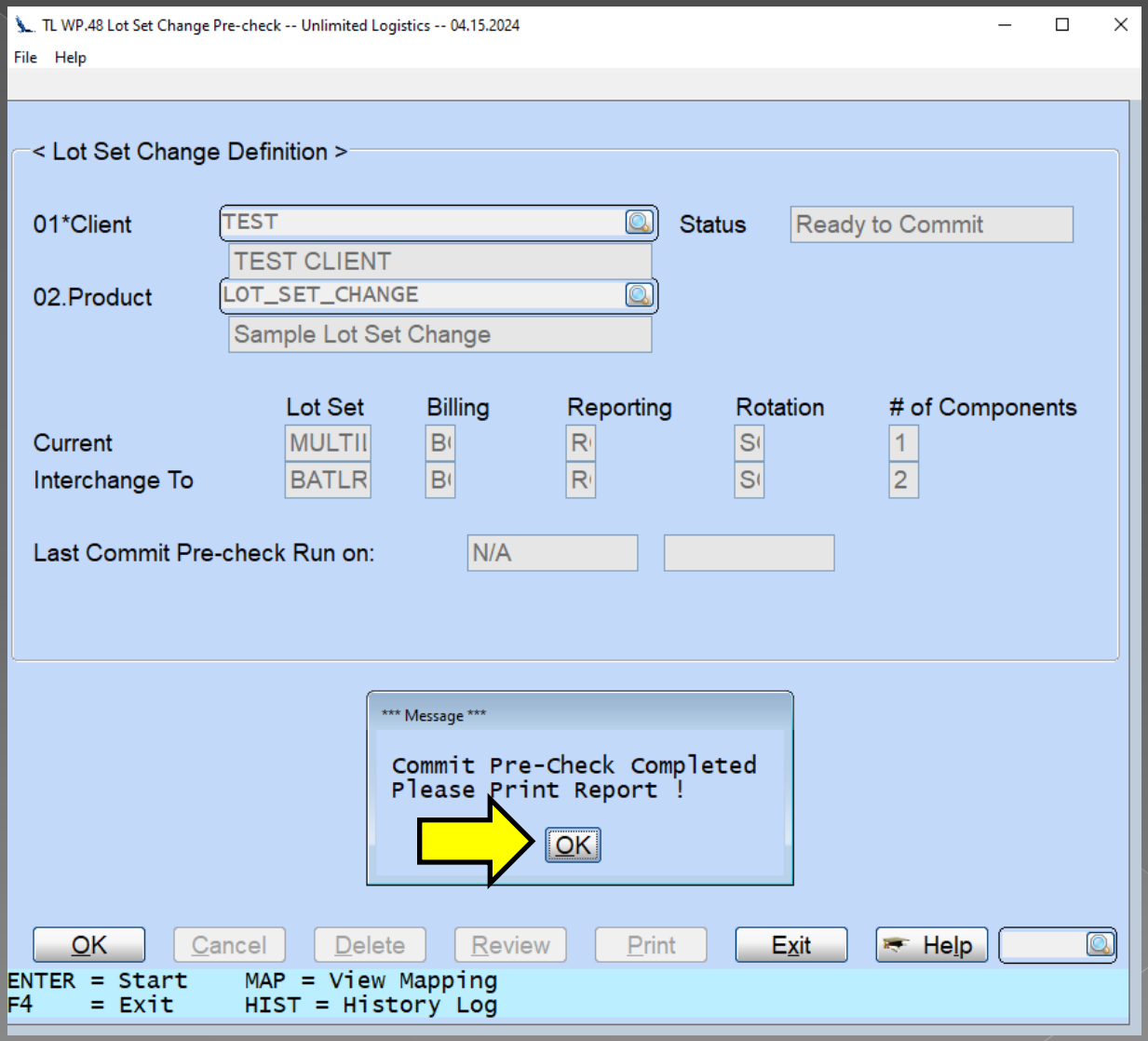
WP.48 Lot Set Change - Check



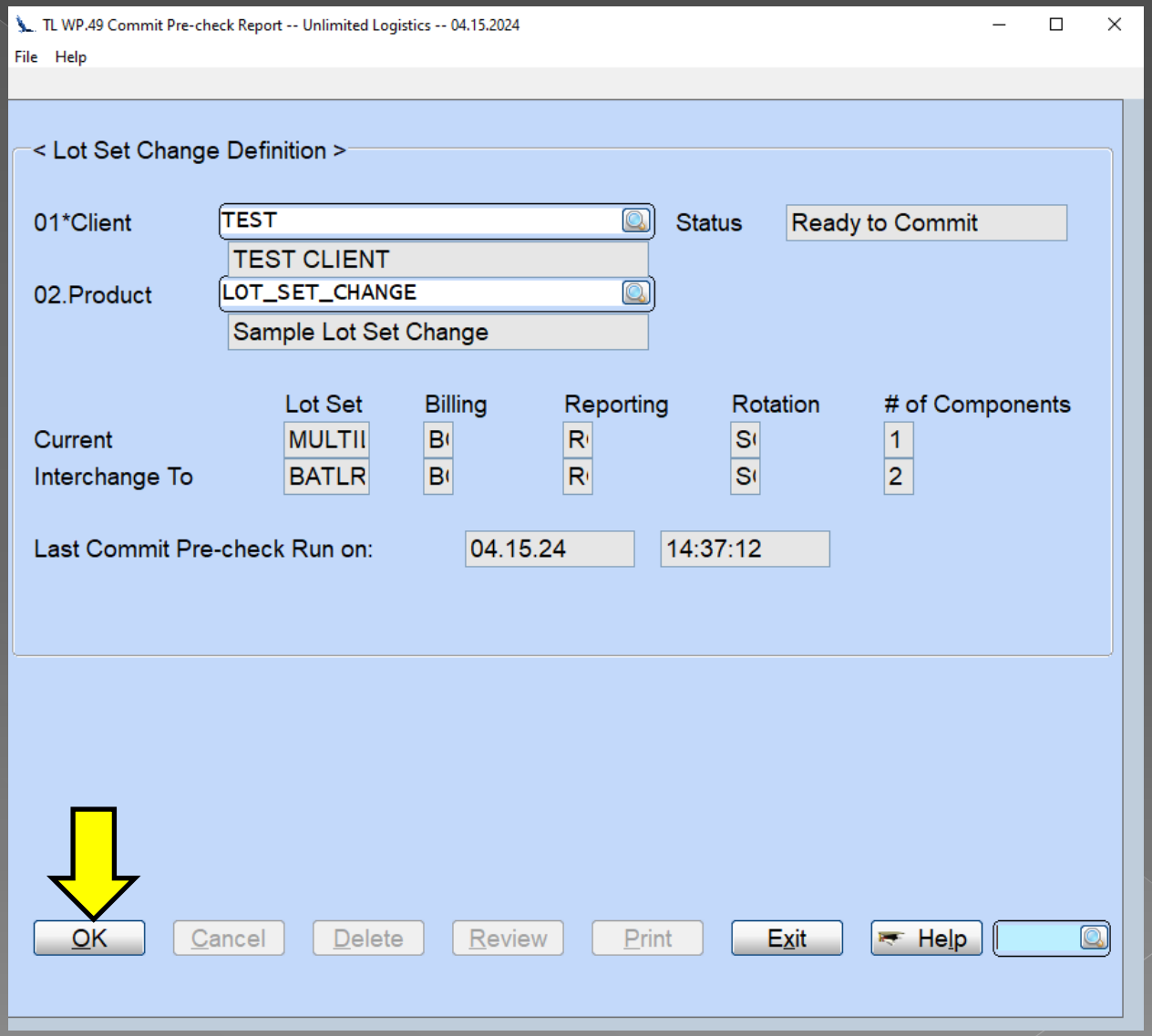
WP.48 Lot Set Change - Check



WP.48 Lot Set Change - Check



WP.49 Lot Set Change – Preview Report

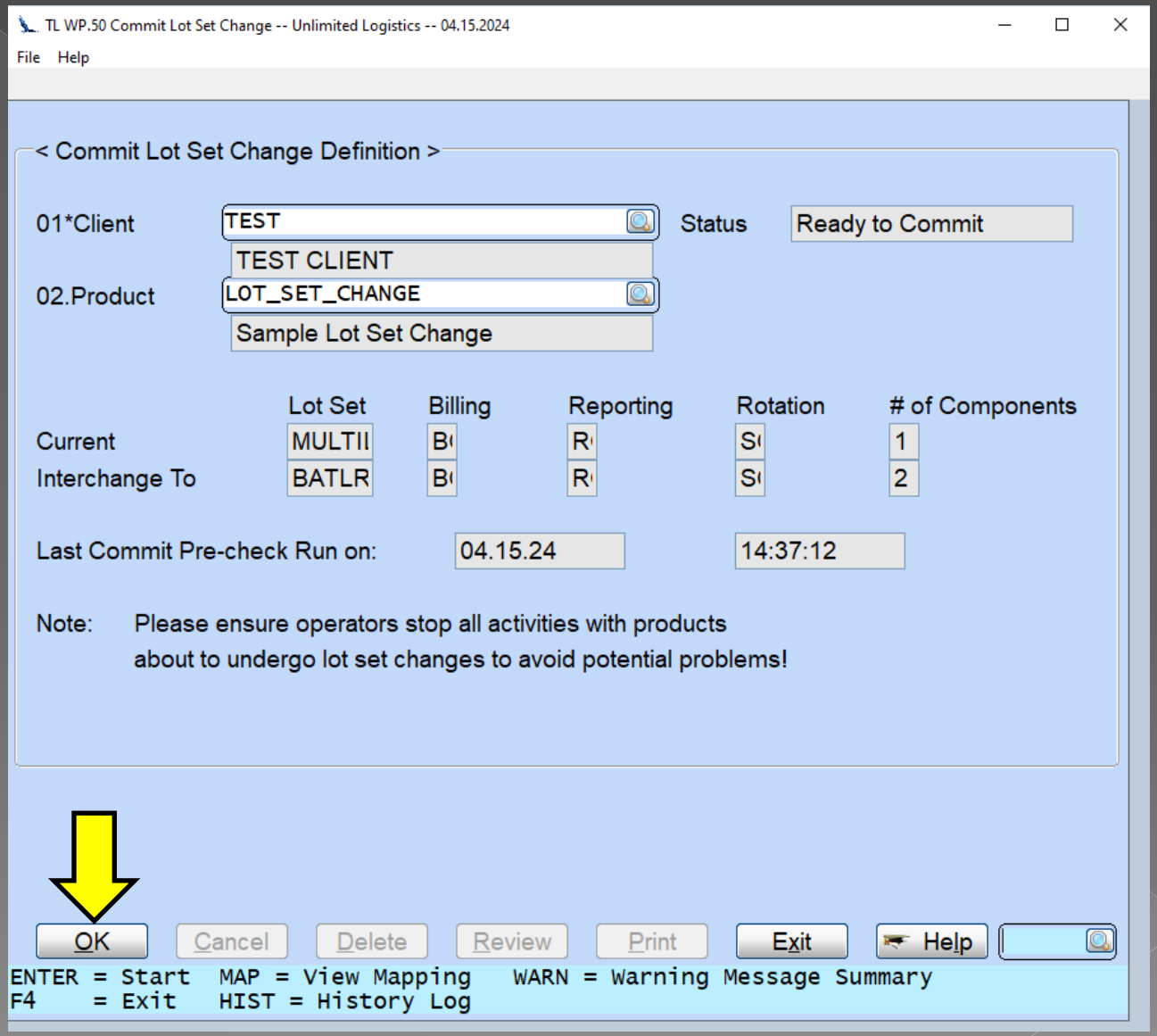


WP.49 Lot Set Change – Preview Report

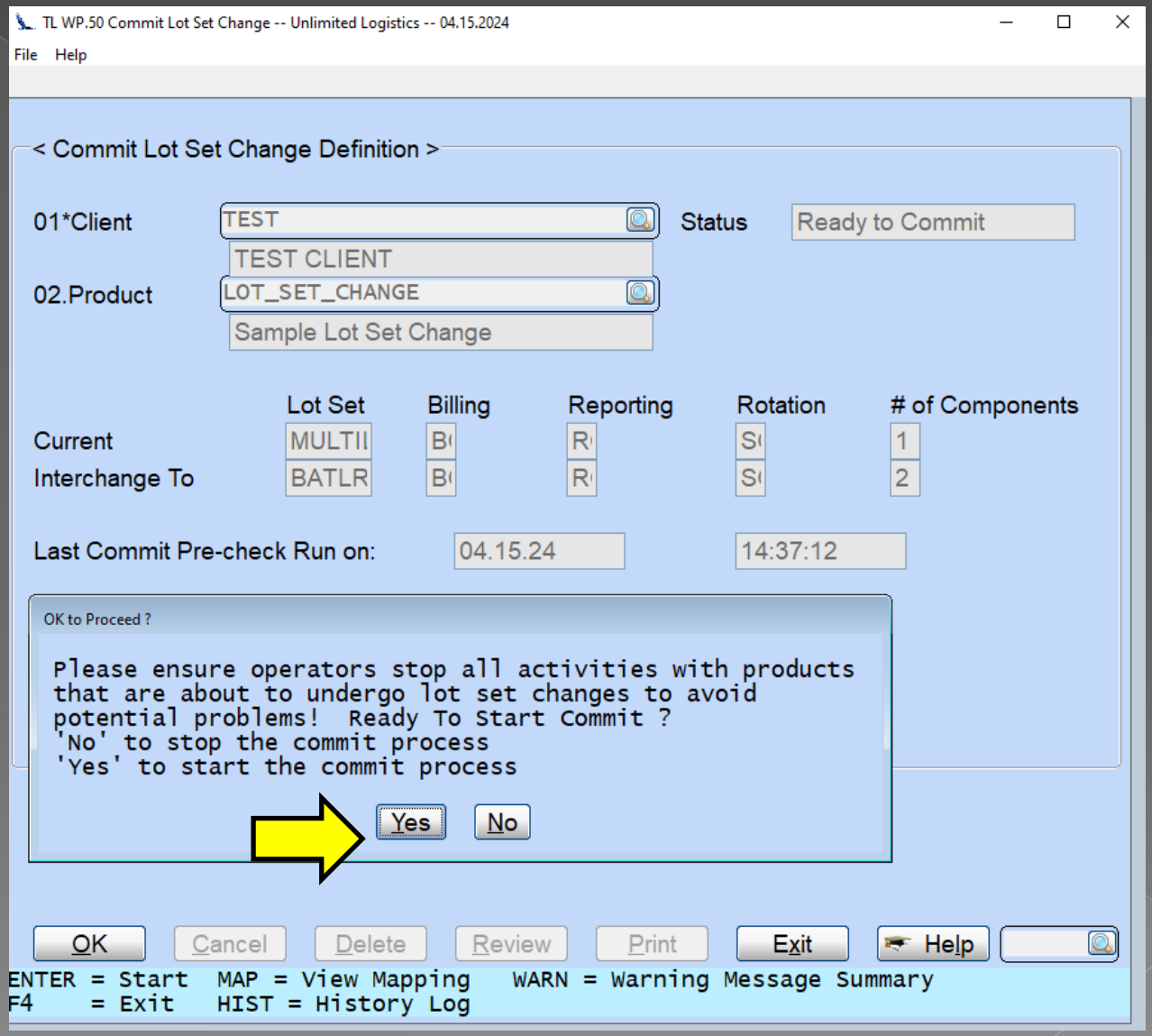
```
Unlimited Logistics                                                                                    WP.49
Lot Set Change: Commit Pre-check Report for TEST   LOT_SET_CHANGE Generated on: 04.15.24               Page 1
Report Printed as of 04.15.24
-------------------------------------------------------------------------------------------------------------
 Client Product Code                    New Lot Set Information                  Current Lot Set Information

 TEST   LOT_SET_CHANGE                  Lot Set: BATLRD                          Lot Set: MULTIL
                  Component Component Label  Data  Mapping Details             Component Component Label
-------------------------------------------------------------------------------------------------------------
  Stock Components: BATCHN    Batch Number     C     Map from Component: *LOT*  *LOT*     Lot Code
                    *LRD*     Release Date     CD

    Billing Group: BATCHN     Batch Number                                      *LOT*     Lot Code
                   *LRD*      Release Date

  Reporting Group: BATCHN     Batch Number                                      *LOT*     Lot Code
                   *LRD*      Release Date

   Rotation Group: *LRD*      Release Date                                      *LOT*     Lot Code
                   BATCHN     Batch Number
```

```
Unlimited Logistics                                                                                    WP.49
Lot Set Change: Commit Pre-check Report for TEST   LOT_SET_CHANGE Generated on: 04.15.24               Page 2
Report Printed as of 04.15.24
-------------------------------------------------------------------------------------------------------------
 Client Product Code                    New Lot Data                             Existing Lot Data

 TEST   LOT_SET_CHANGE

   Lot Components: Batch Number   : L110202-001                                  Lot Code       : L110202-001
                   Release Date   : 04.15.24
    Billing Comps: Batch Number   : L110202-001                                  Lot Code       : L110202-001
                   Release Date   : 04.15.24
  Reporting Comps: Batch Number   : L110202-001                                  Lot Code       : L110202-001
                   Release Date   : 04.15.24
   Rotation Comps: Release Date   : 04.15.24                                     Lot Code       : L110202-001
                   Batch Number   : L110202-001

   Lot Components: Batch Number   : L110202-002                                  Lot Code       : L110202-002
                   Release Date   : 04.15.24
    Billing Comps: Batch Number   : L110202-002                                  Lot Code       : L110202-002
                   Release Date   : 04.15.24
  Reporting Comps: Batch Number   : L110202-002                                  Lot Code       : L110202-002
                   Release Date   : 04.15.24
   Rotation Comps: Release Date   : 04.15.24                                     Lot Code       : L110202-002
                   Batch Number   : L110202-002

   Lot Components: Batch Number   : L110202-003                                  Lot Code       : L110202-003
                   Release Date   : 04.15.24
    Billing Comps: Batch Number   : L110202-003                                  Lot Code       : L110202-003
                   Release Date   : 04.15.24
  Reporting Comps: Batch Number   : L110202-003                                  Lot Code       : L110202-003
                   Release Date   : 04.15.24
   Rotation Comps: Release Date   : 04.15.24                                     Lot Code       : L110202-003
                   Batch Number   : L110202-003


End of report.
```

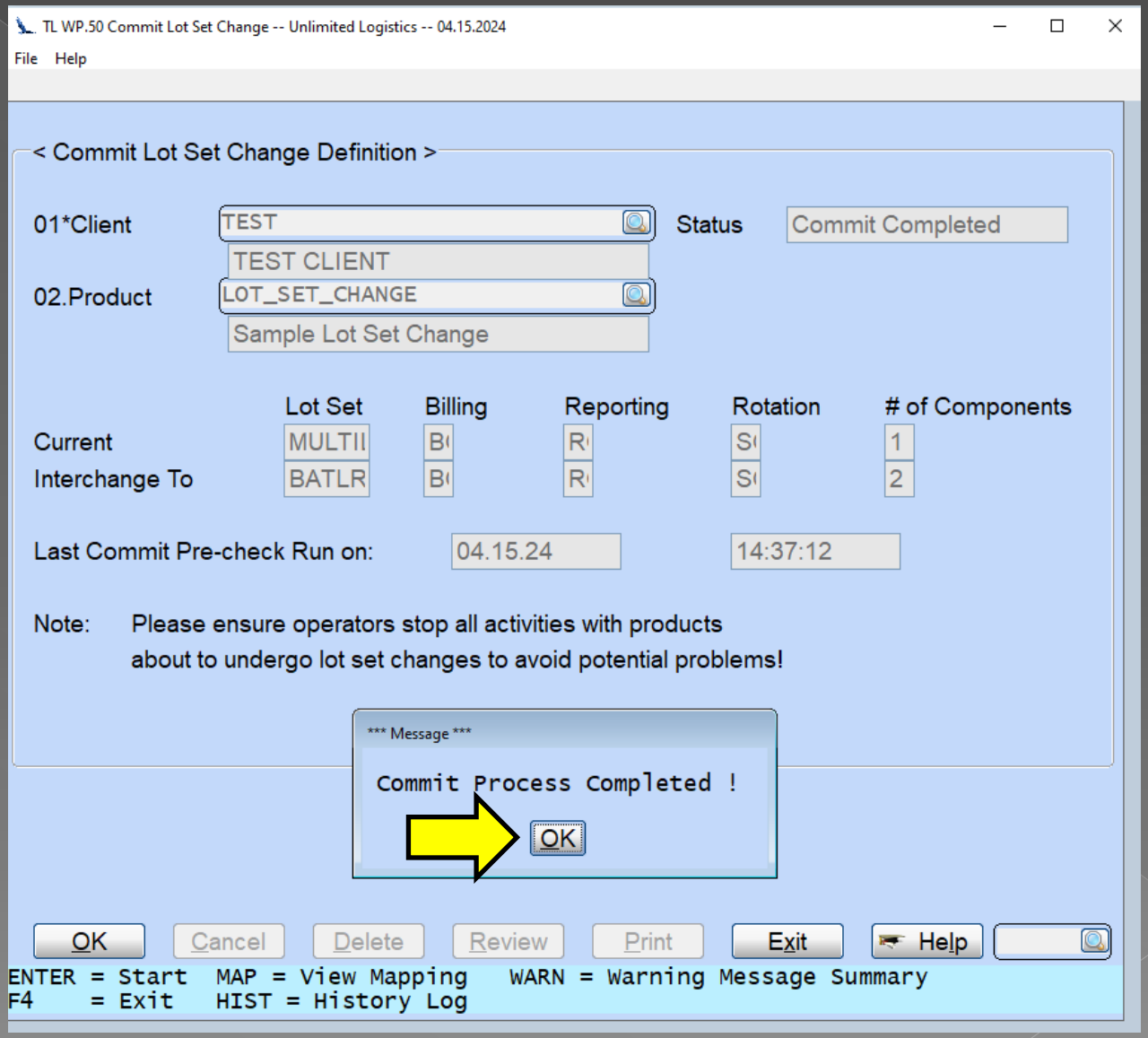
WP.50 Lot Set Change – Commit



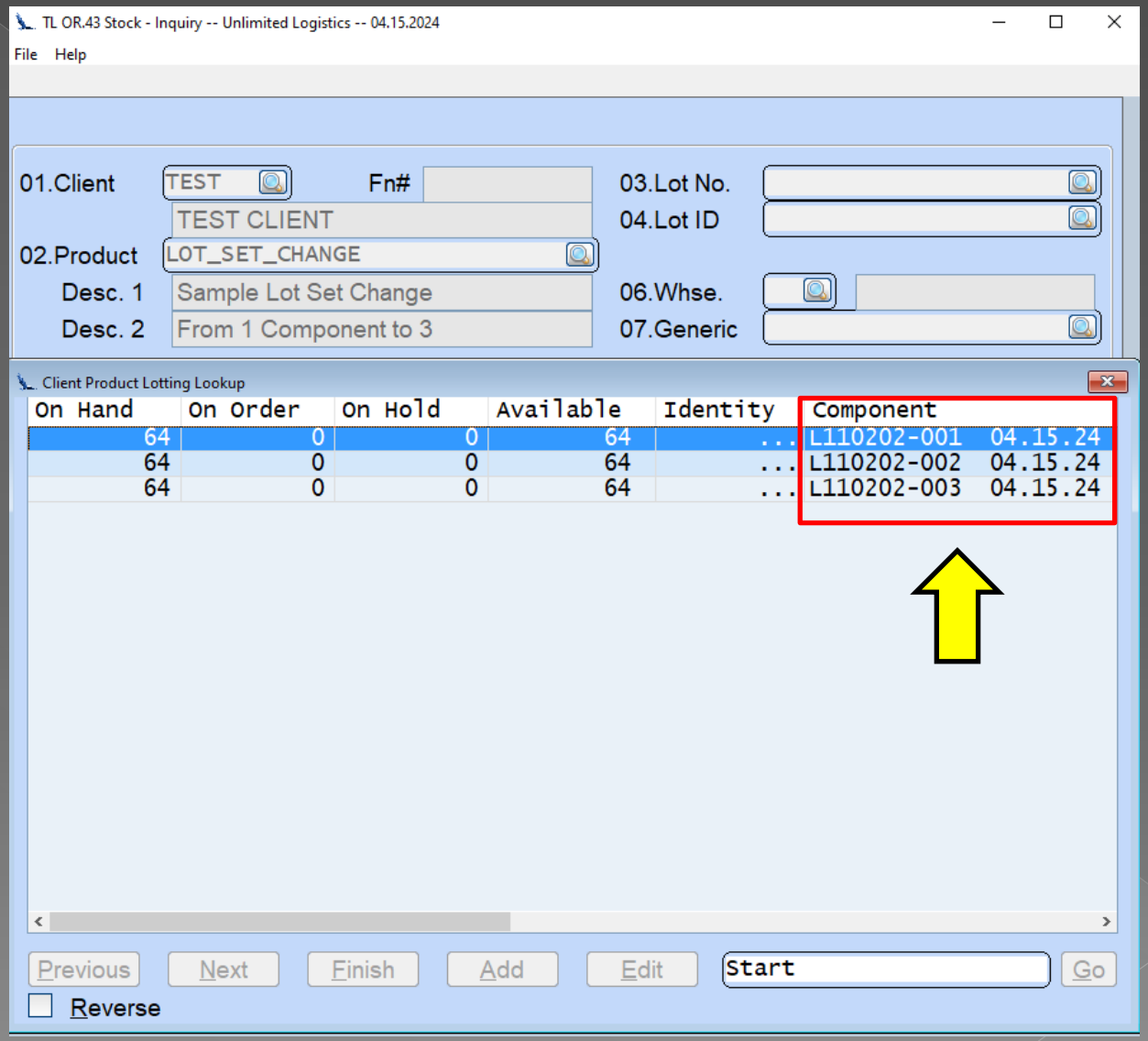
WP.50 Lot Set Change – Commit



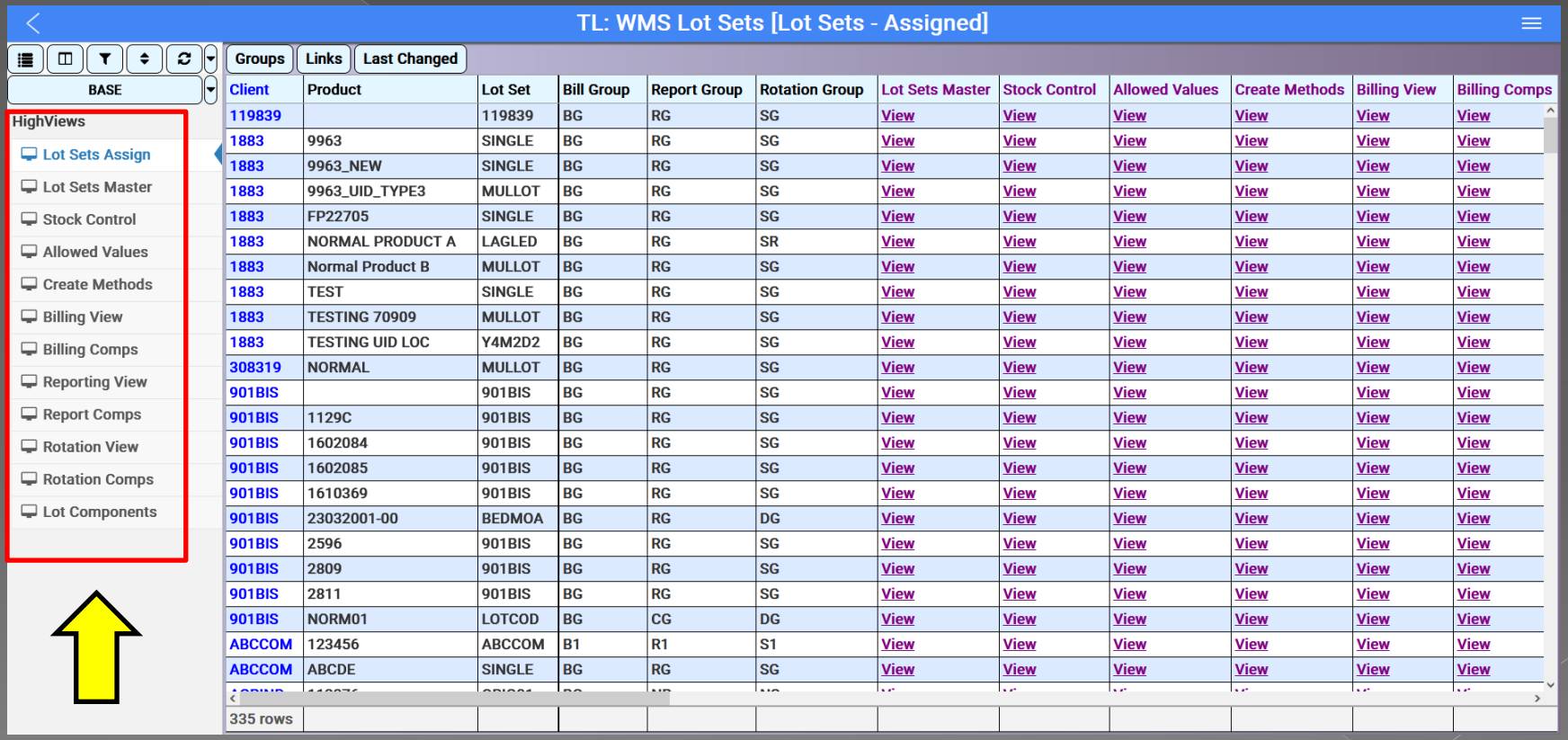
WP.50 Lot Set Change – Commit



OR.43 Stock Inquiry – View Changes



WMS Lot Sets HighView



Client	Product	Lot Set	Bill Group	Report Group	Rotation Group	Lot Sets Master	Stock Control	Allowed Values	Create Methods	Billing View	Billing Comps
119839		119839	BG	RG	SG	View	View	View	View	View	View
1883	9963	SINGLE	BG	RG	SG	View	View	View	View	View	View
1883	9963_NEW	SINGLE	BG	RG	SG	View	View	View	View	View	View
1883	9963_UID_TYPE3	MULLOT	BG	RG	SG	View	View	View	View	View	View
1883	FP22705	SINGLE	BG	RG	SG	View	View	View	View	View	View
1883	NORMAL PRODUCT A	LAGLED	BG	RG	SR	View	View	View	View	View	View
1883	Normal Product B	MULLOT	BG	RG	SG	View	View	View	View	View	View
1883	TEST	SINGLE	BG	RG	SG	View	View	View	View	View	View
1883	TESTING 70909	MULLOT	BG	RG	SG	View	View	View	View	View	View
1883	TESTING UID LOC	Y4M2D2	BG	RG	SG	View	View	View	View	View	View
308319	NORMAL	MULLOT	BG	RG	SG	View	View	View	View	View	View
901BIS		901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	1129C	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	1602084	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	1602085	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	1610369	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	23032001-00	BEDMOA	BG	RG	DG	View	View	View	View	View	View
901BIS	2596	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	2809	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	2811	901BIS	BG	RG	SG	View	View	View	View	View	View
901BIS	NORM01	LOTCOD	BG	CG	DG	View	View	View	View	View	View
ABCCOM	123456	ABCCOM	B1	R1	S1	View	View	View	View	View	View
ABCCOM	ABCDE	SINGLE	BG	RG	SG	View	View	View	View	View	View

Conclusion

- Defining Lots

Questions and Answers