MAVES
3PL Made Visible

MABUG 2024

San Diego, California

Driving Success through Innovation:

Profitability Unleashed

MABUG 2024

Directed Put Away

Tim Legere

Wednesday April 17, 2024 09-00 to 10:00

AGENDA

- Introduction
- Overview
- Demonstration
- Configurations
- Conclusion
- Question and Answers

Introduction

- Ever ponder the GREAT Philosophical Questions of Humanity …
  - 1. Which came first, the Chicken or the Egg?
  - 2. Why did the Chicken cross the Road?
  - 3. Most importantly, where was the Chicken **supposed to be going**?
- Find out the answers to these Questions (and more) in this Presentation!

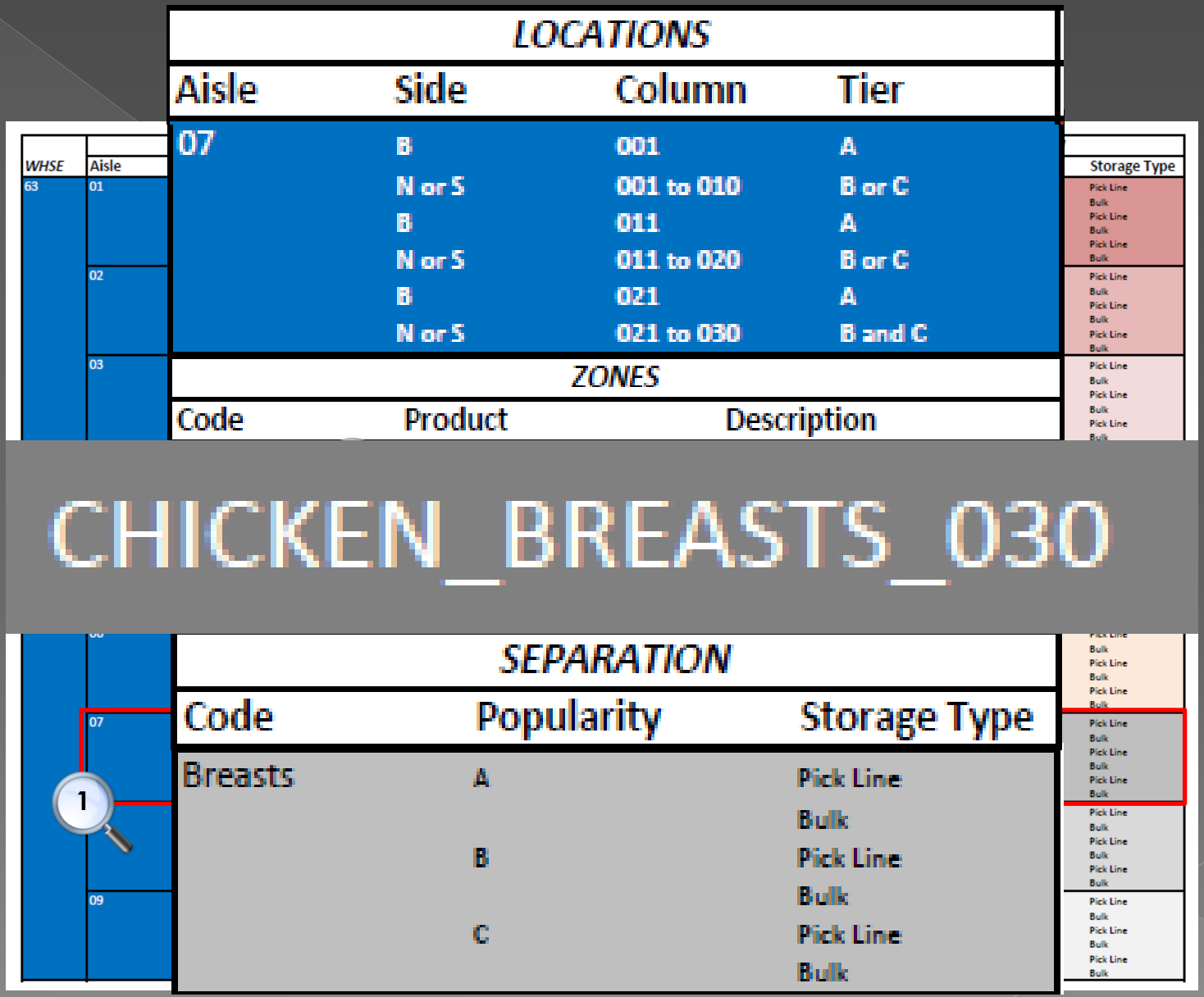
Overview

- Seriously now …
  - What does the actual process "look like" when the System recommends a Location?
  - Where and what configurations are available/required to activate/use Directed Put Away?
  - Is it possible to activate it for just some Facilities and some Clients/Products?
  - Let's find out shall we?

Demonstration

- Scenario:
  - We'll be receiving a Conveyance of 64 Cases of **Chicken** Breasts into Inventory
  - The System will need to determine the best Put Away Location in Warehouse 63
  - Before we begin the demonstration, we'll look at:
    - Valid Warehouse 63 Locations and
    - Occupied and Available Locations

Warehouse 63



LOCATIONS

Aisle	Side	Column	Tier
07	B	001	A
	N or S	001 to 010	B or C
	B	011	A
	N or S	011 to 020	B or C
	B	021	A
	N or S	021 to 030	B and C

ZONES

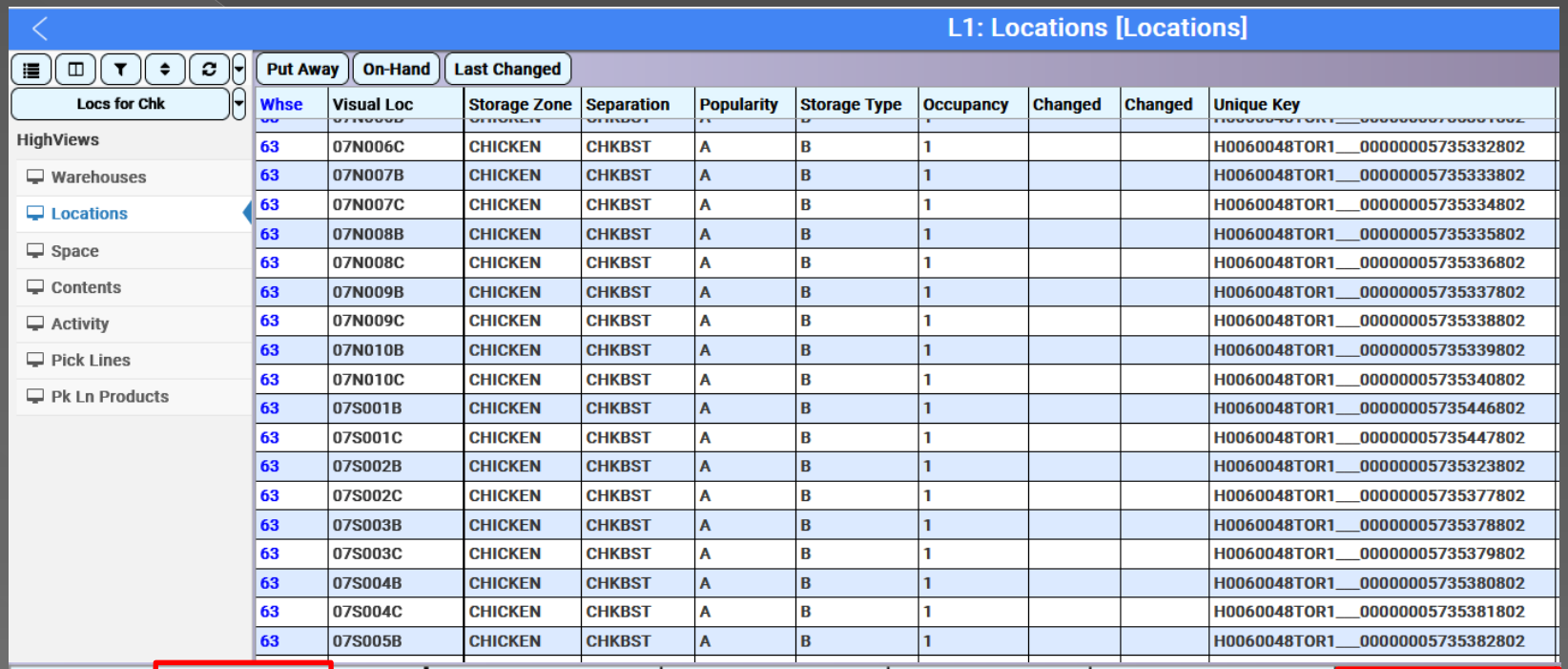
Code	Product	Description

CHICKEN_BREASTS_030

SEPARATION

Code	Popularity	Storage Type
Breasts	A	Pick Line
		Bulk
	B	Pick Line
		Bulk
	C	Pick Line
		Bulk

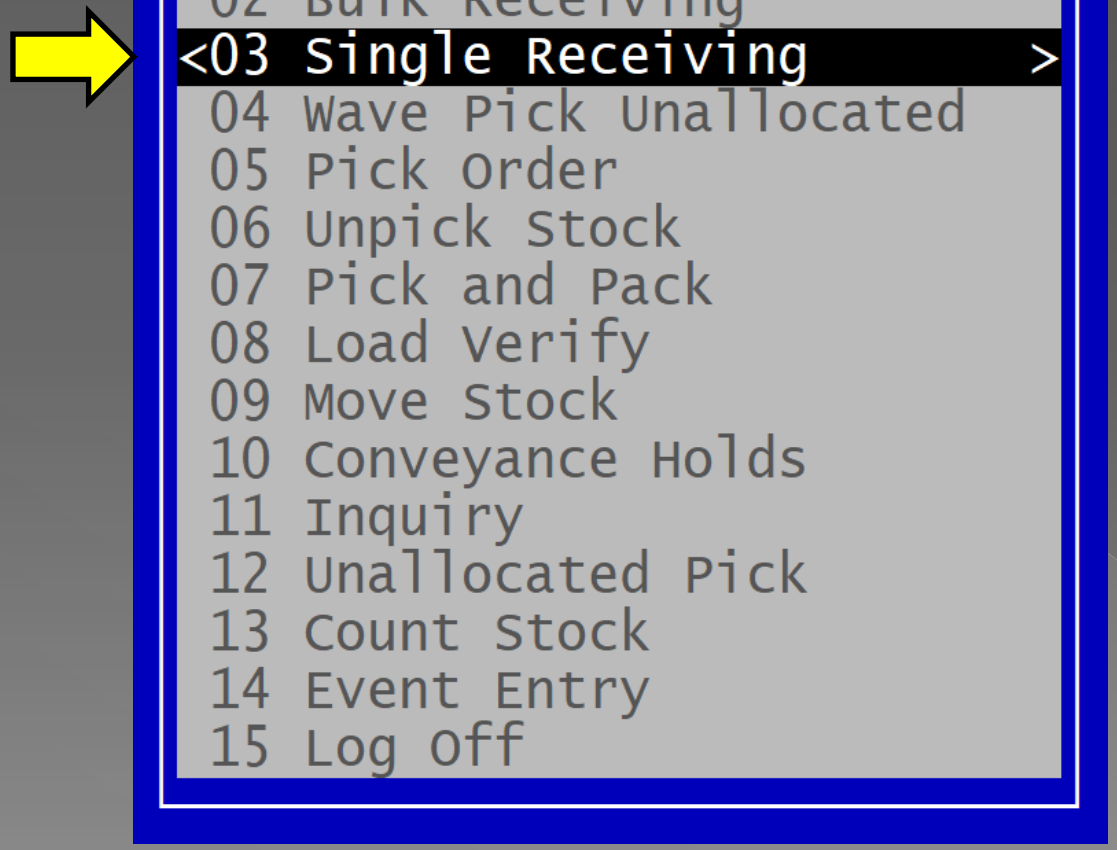
Warehouse 63
WMS Locations HighView



Whse	Visual Loc	Storage Zone	Separation	Popularity	Storage Type	Occupancy	Changed	Changed	Unique Key
63	07N006C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735332802
63	07N007B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735333802
63	07N007C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735334802
63	07N008B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735335802
63	07N008C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735336802
63	07N009B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735337802
63	07N009C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735338802
63	07N010B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735339802
63	07N010C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735340802
63	07S001B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735446802
63	07S001C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735447802
63	07S002B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735323802
63	07S002C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735377802
63	07S003B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735378802
63	07S003C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735379802
63	07S004B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735380802
63	07S004C	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735381802
63	07S005B	CHICKEN	CHKBST	A	B	1			H0060048TOR1___00000005735382802

Whse	Visual Loc	Storage Zone	Separation	Popularity	Storage Type	Occupancy
63	07S008C	CHICKEN	CHKBST	A	B	0
63	07S009B	CHICKEN	CHKBST	A	B	0
63	07S009C	CHICKEN	CHKBST	A	B	1
63	07S010B	CHICKEN	CHKBST	A	B	0
63	07S010C	CHICKEN	CHKBST	A	B	0

Demo:
RF.01 Single Receiving by Conveyance Directed Put Away



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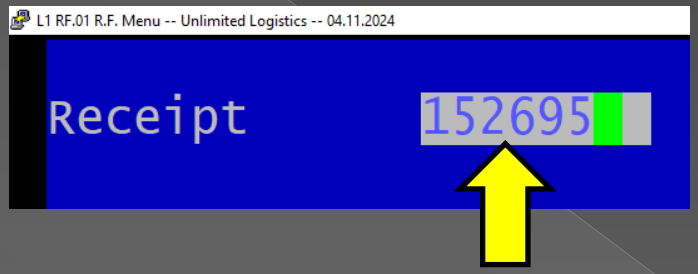

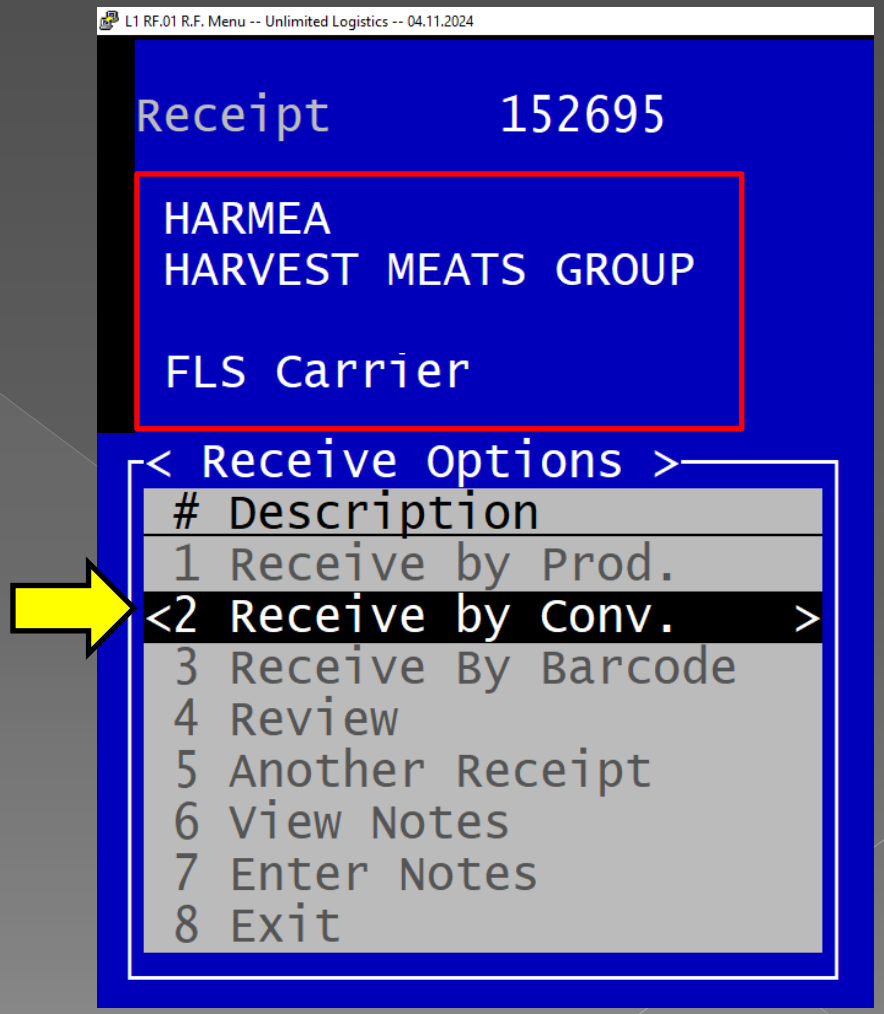

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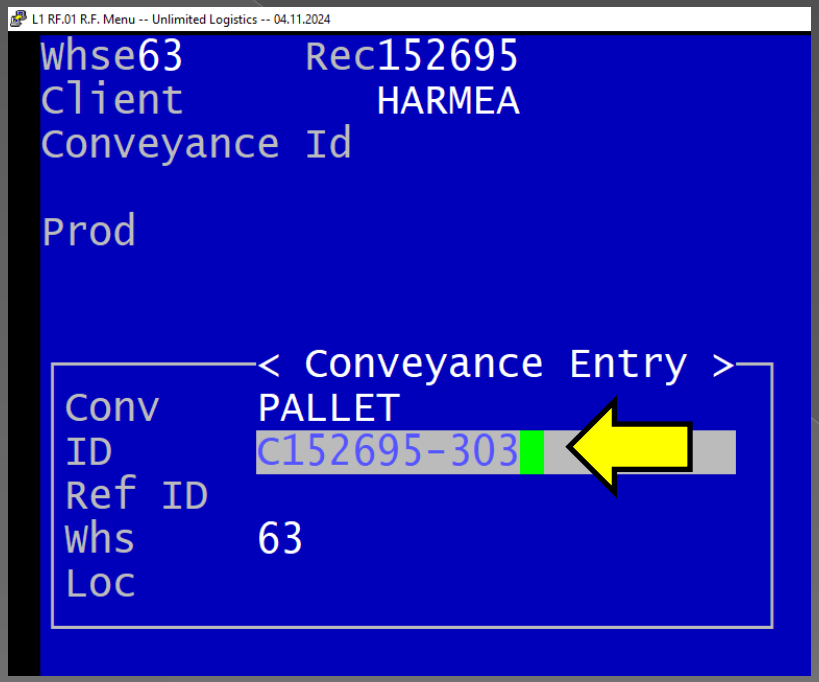

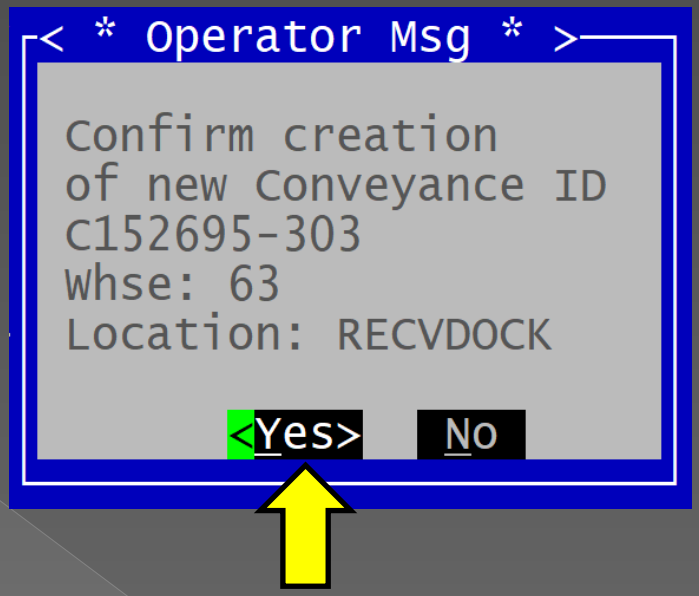

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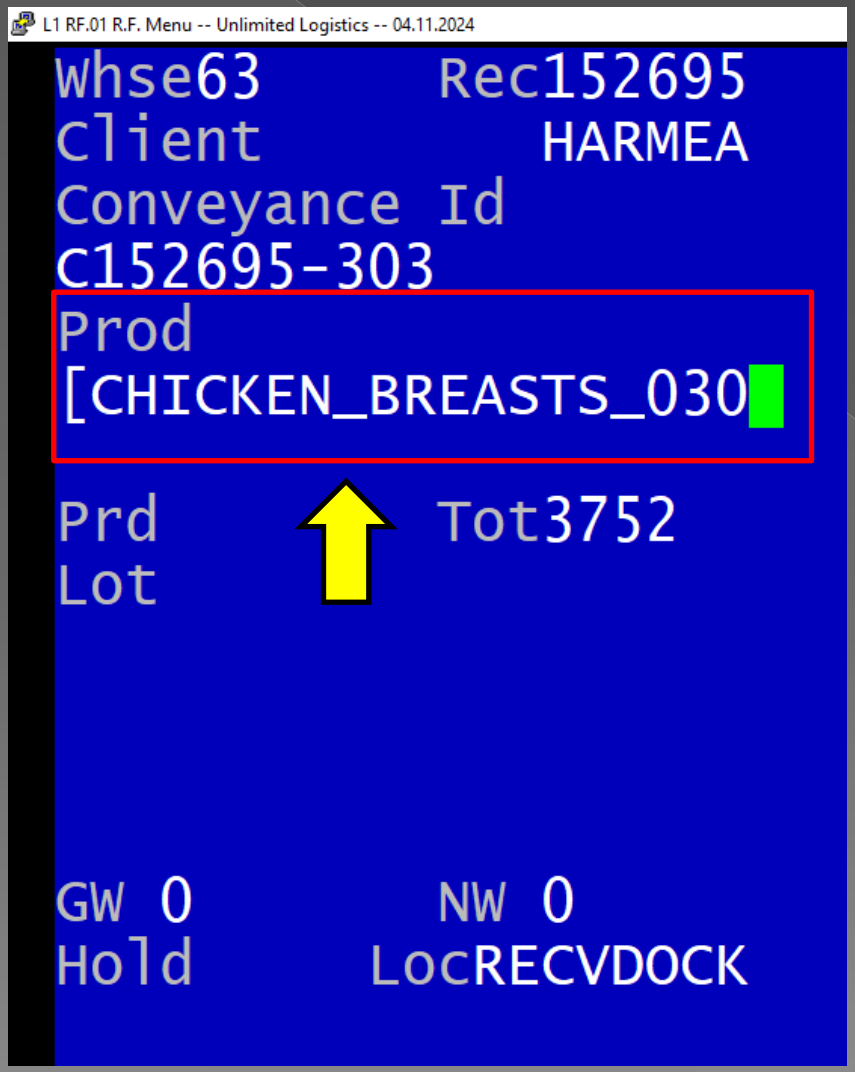

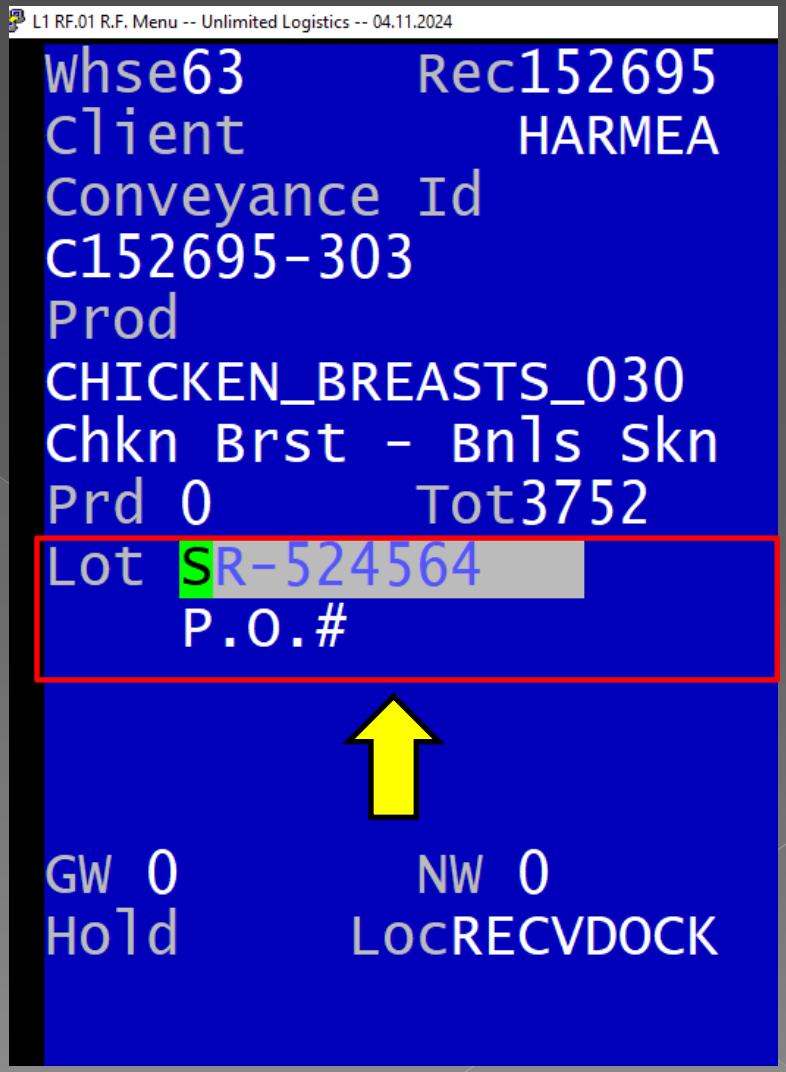

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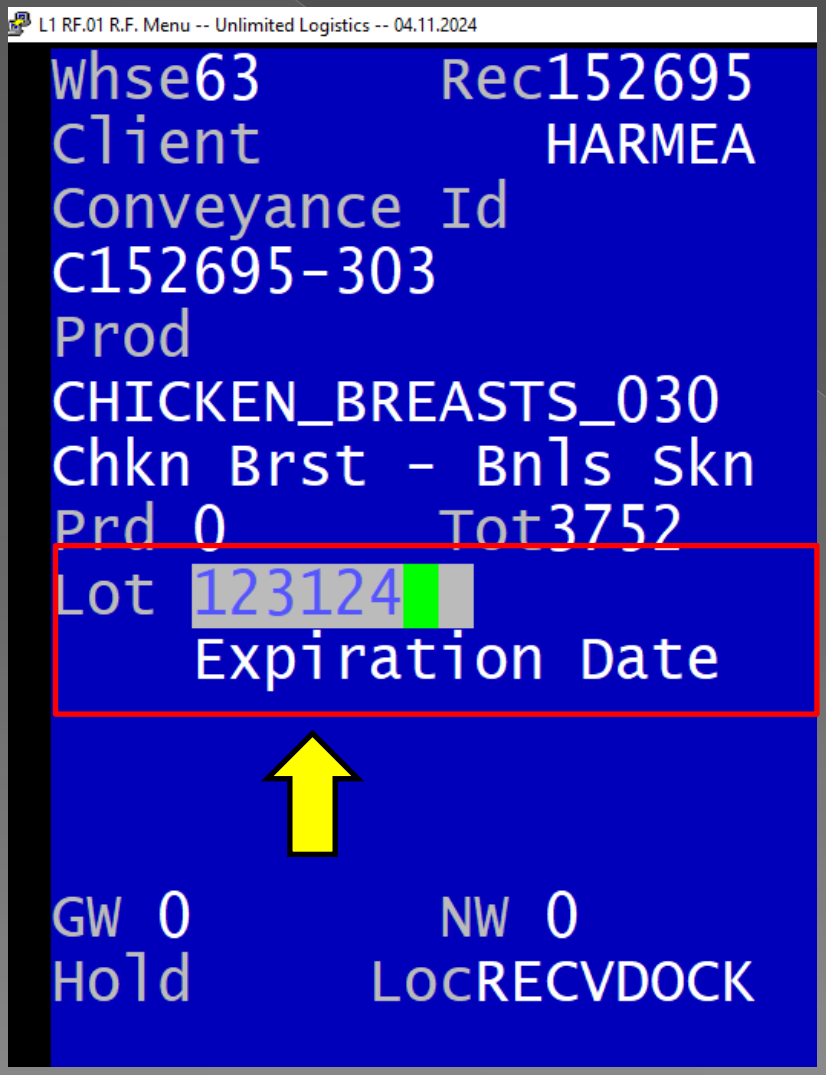

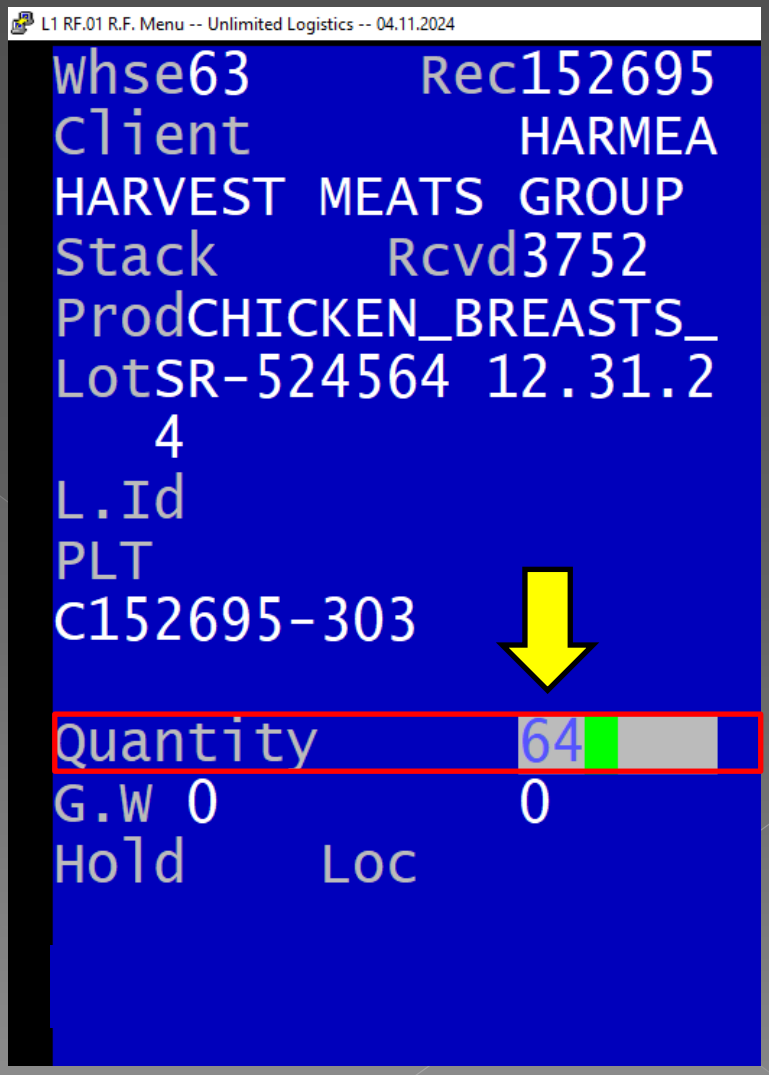

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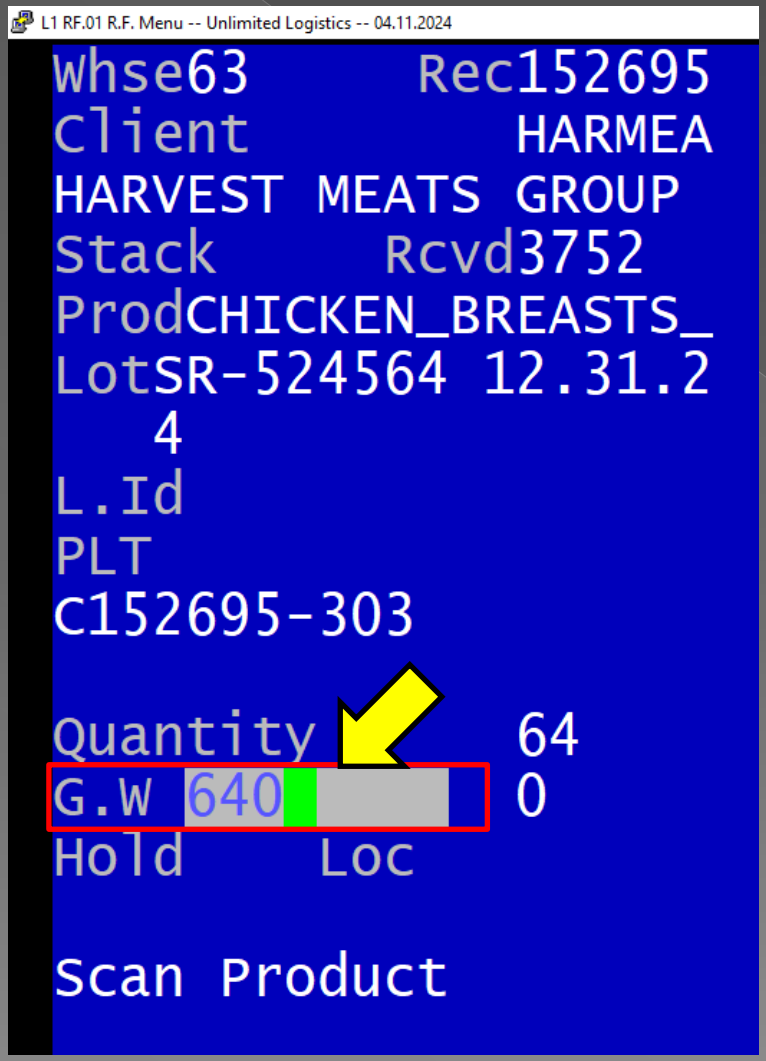

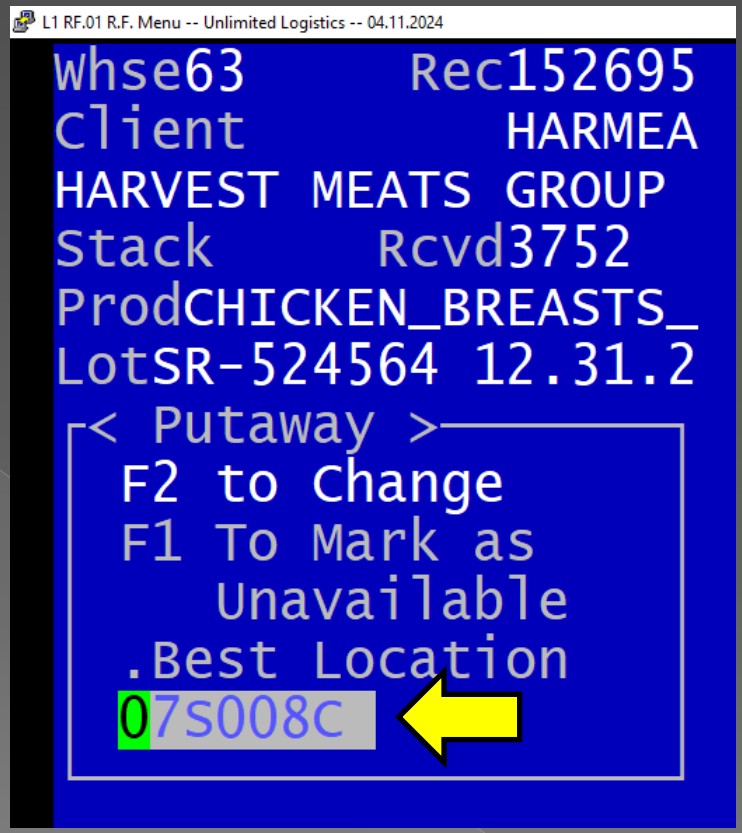

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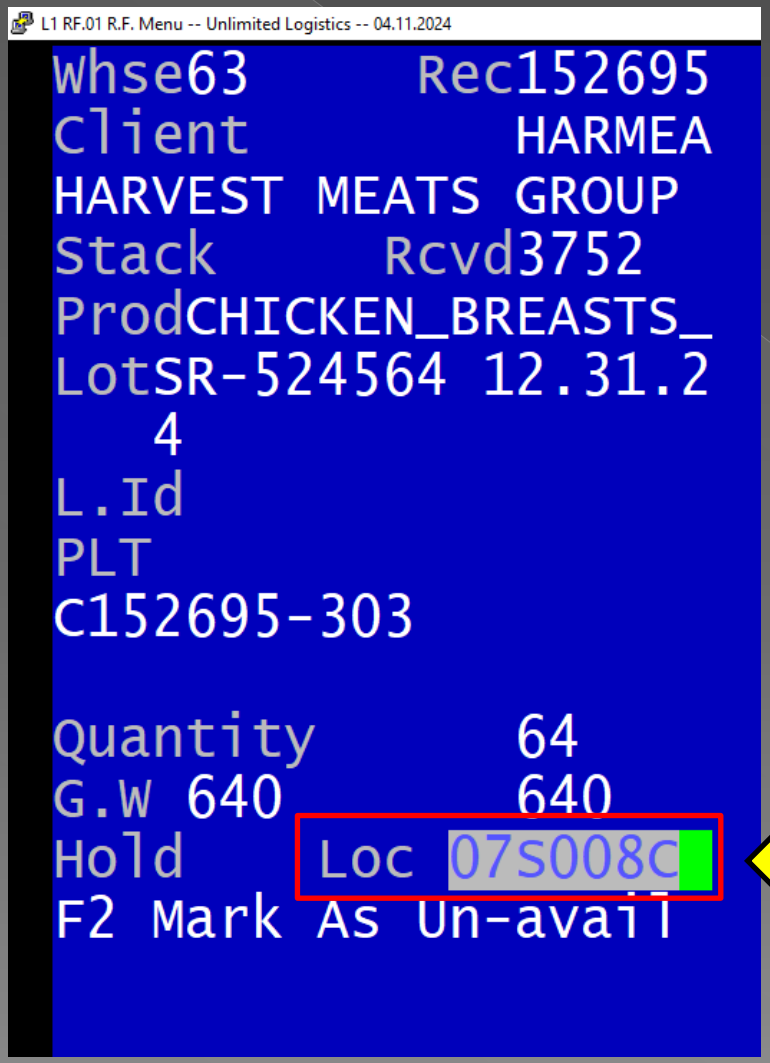
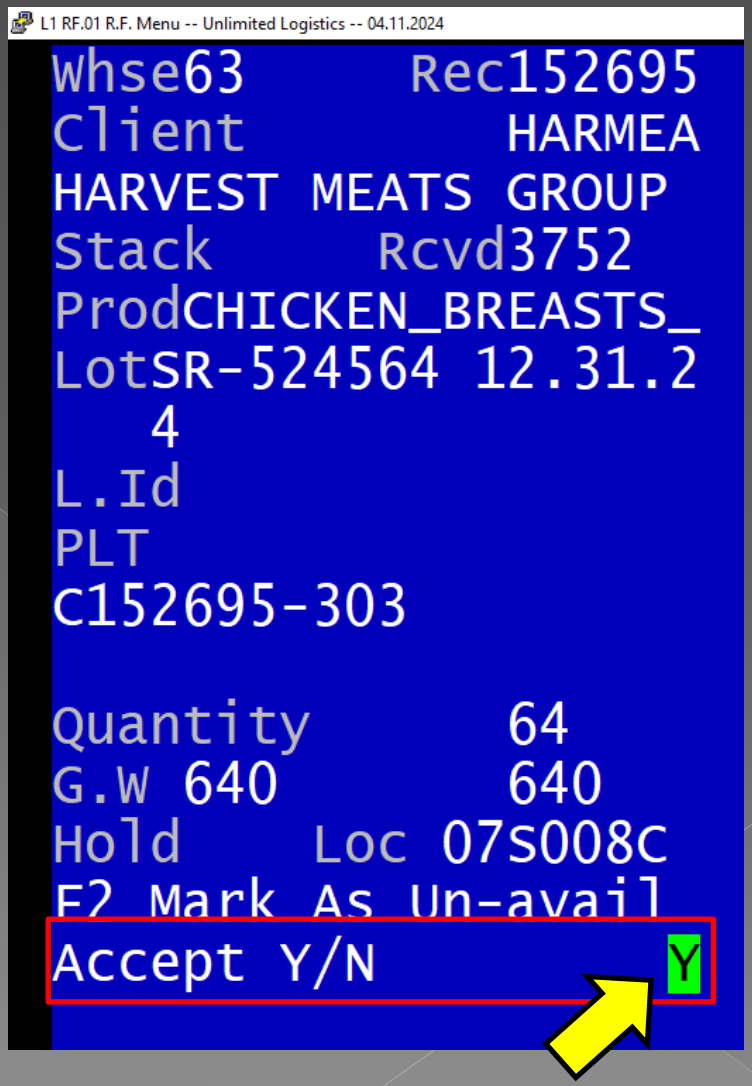
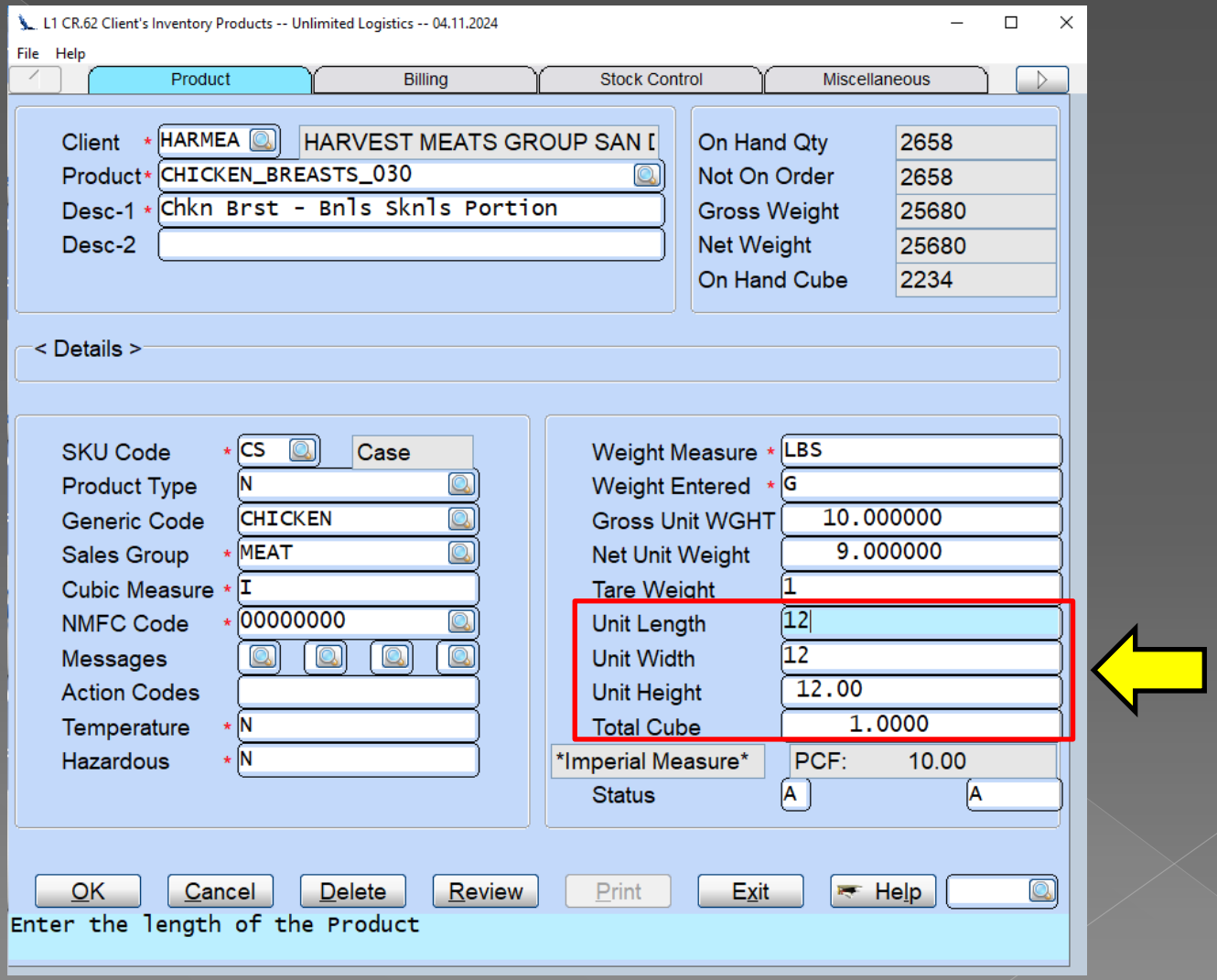




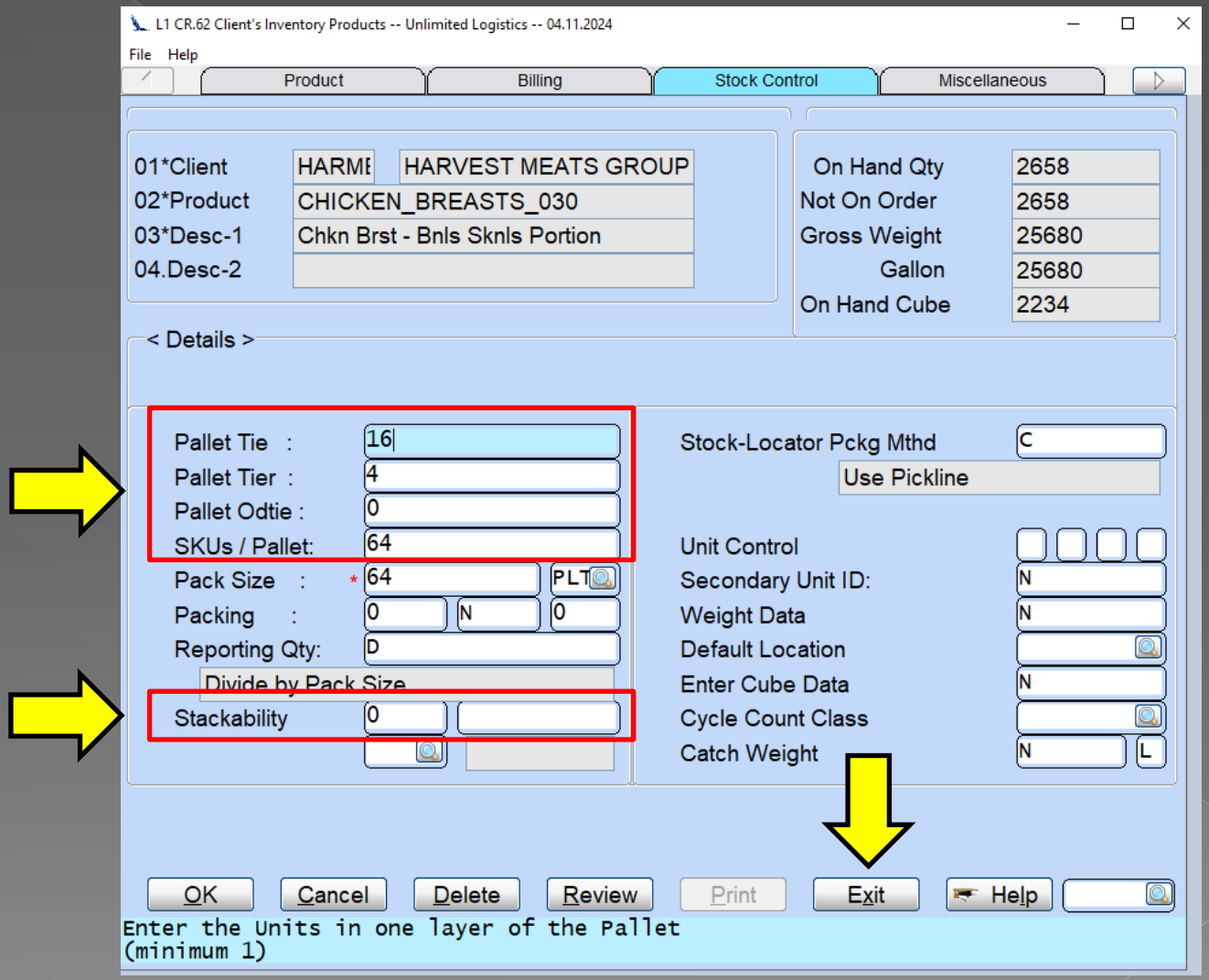
Configurations - Space

- CR.62 Product Master (Dimensions)
- CR.11 Conveyance Objects (Dimensions)
- SL.81 Location Dimensions
- SL.90 Location Master
- SL.99 Space Management Control

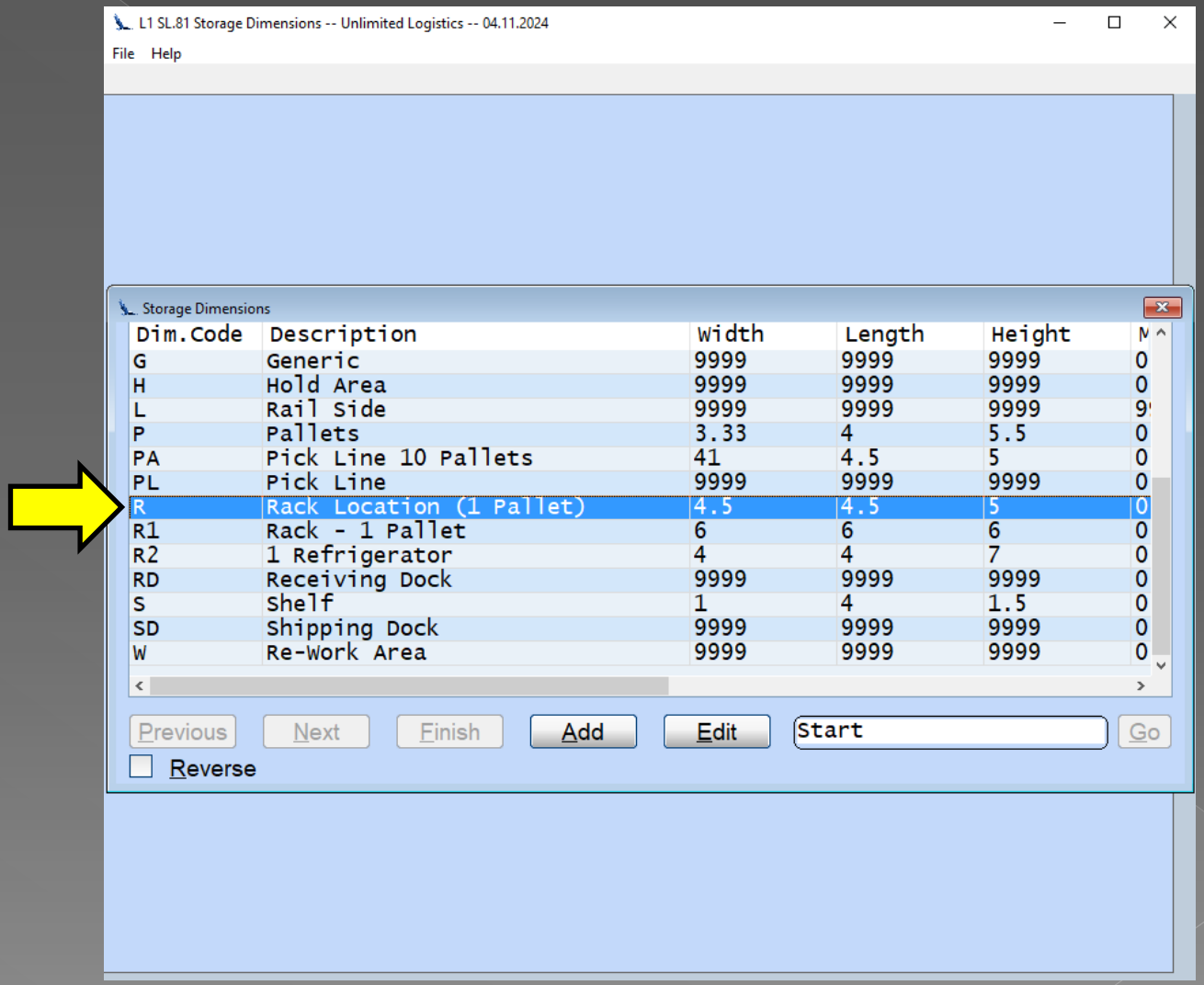
CR.62 Product Master Dimensions



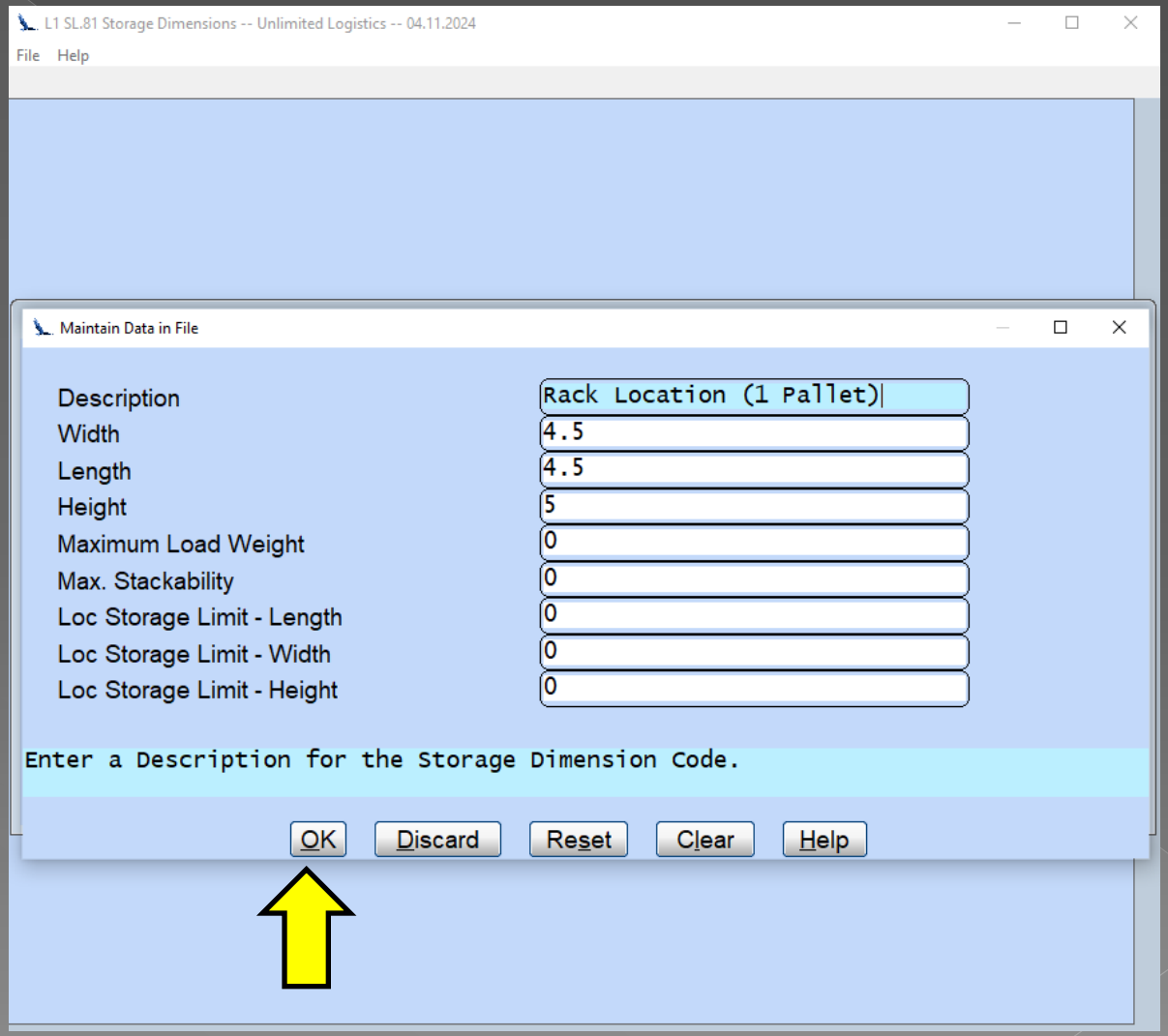
CR.62 Product Master
Pallet Configuration and Stackability



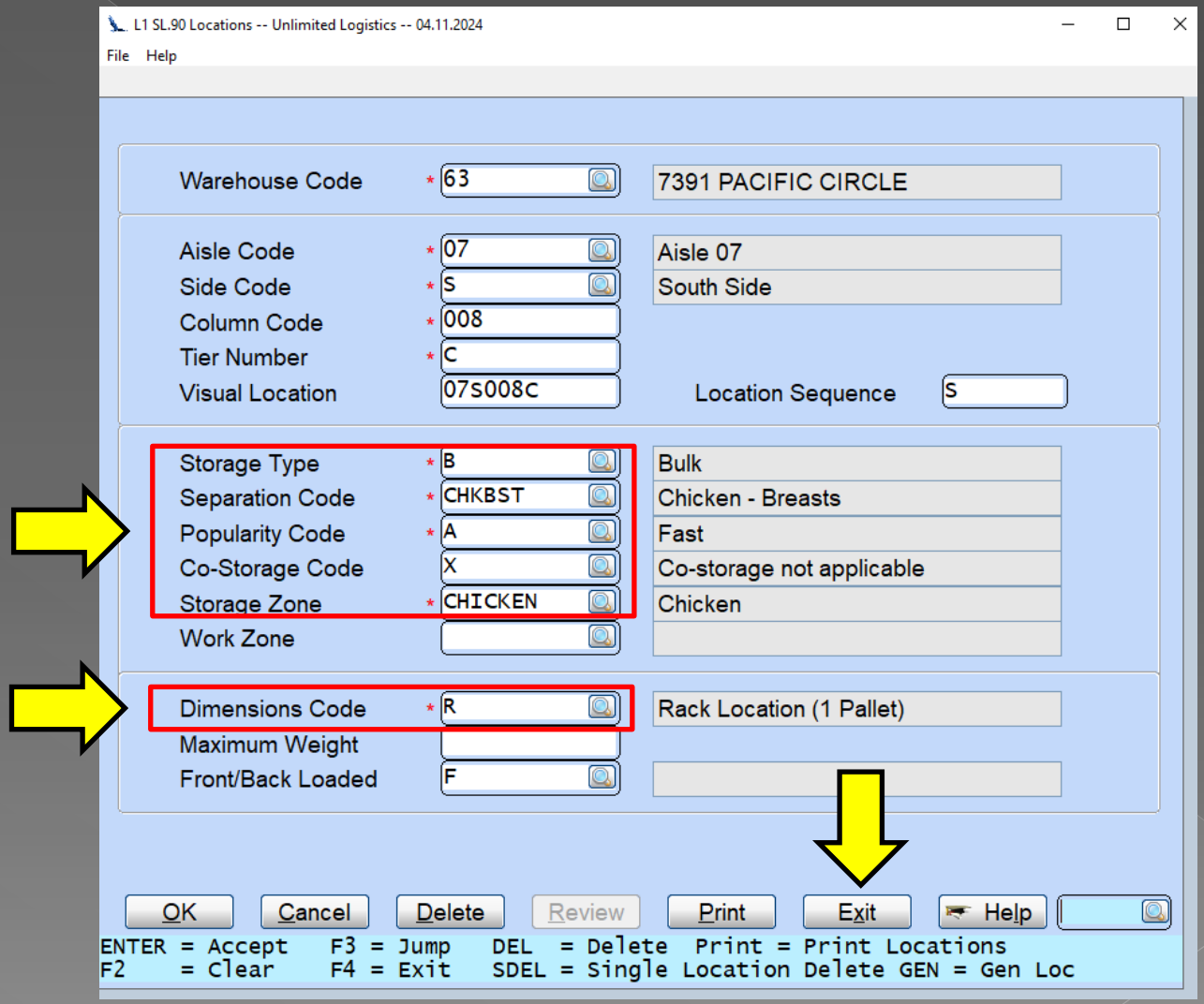
SL.81 Storage Dimensions



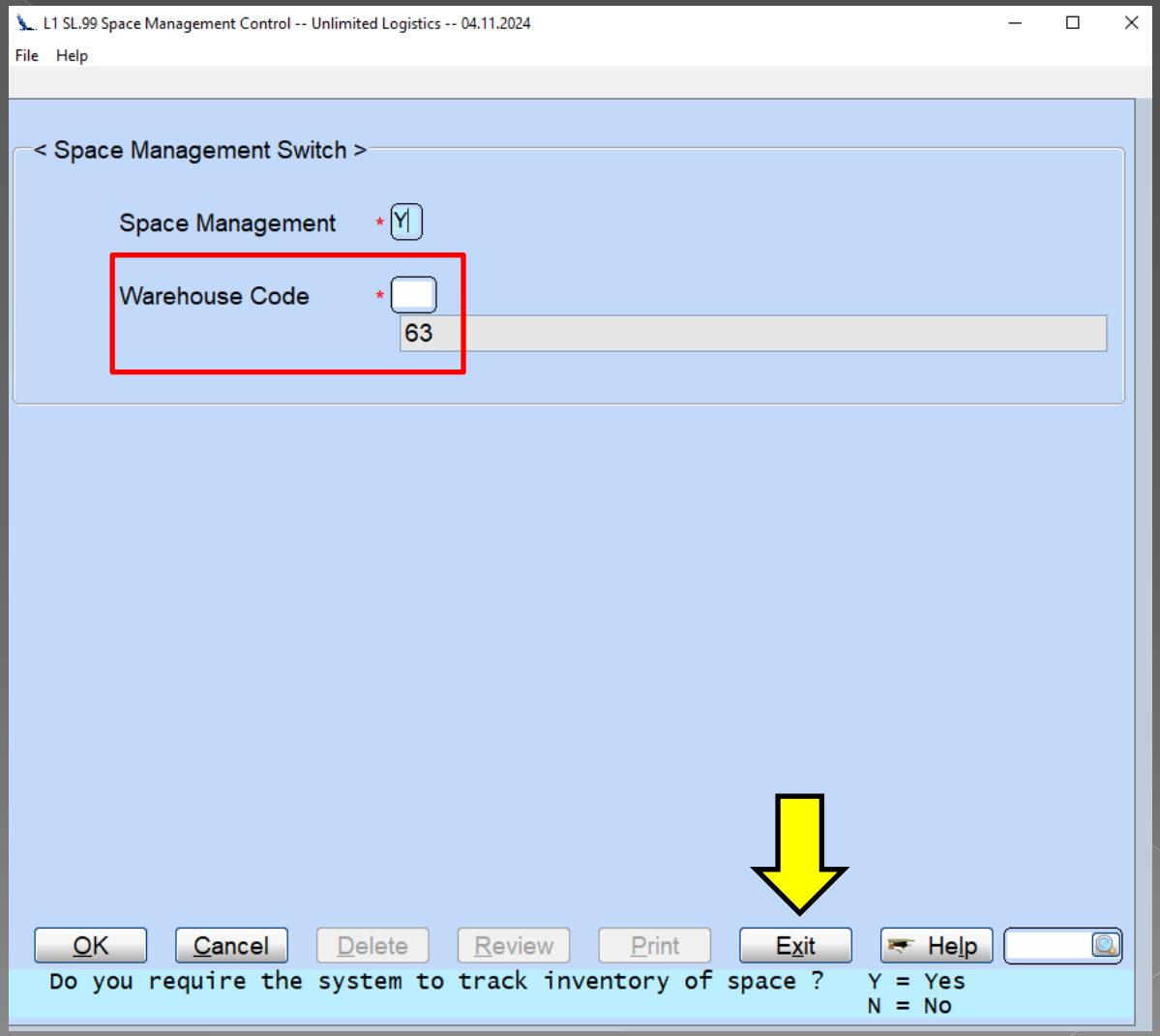
SL.81 Location Dimensions



SL.90 Location Master



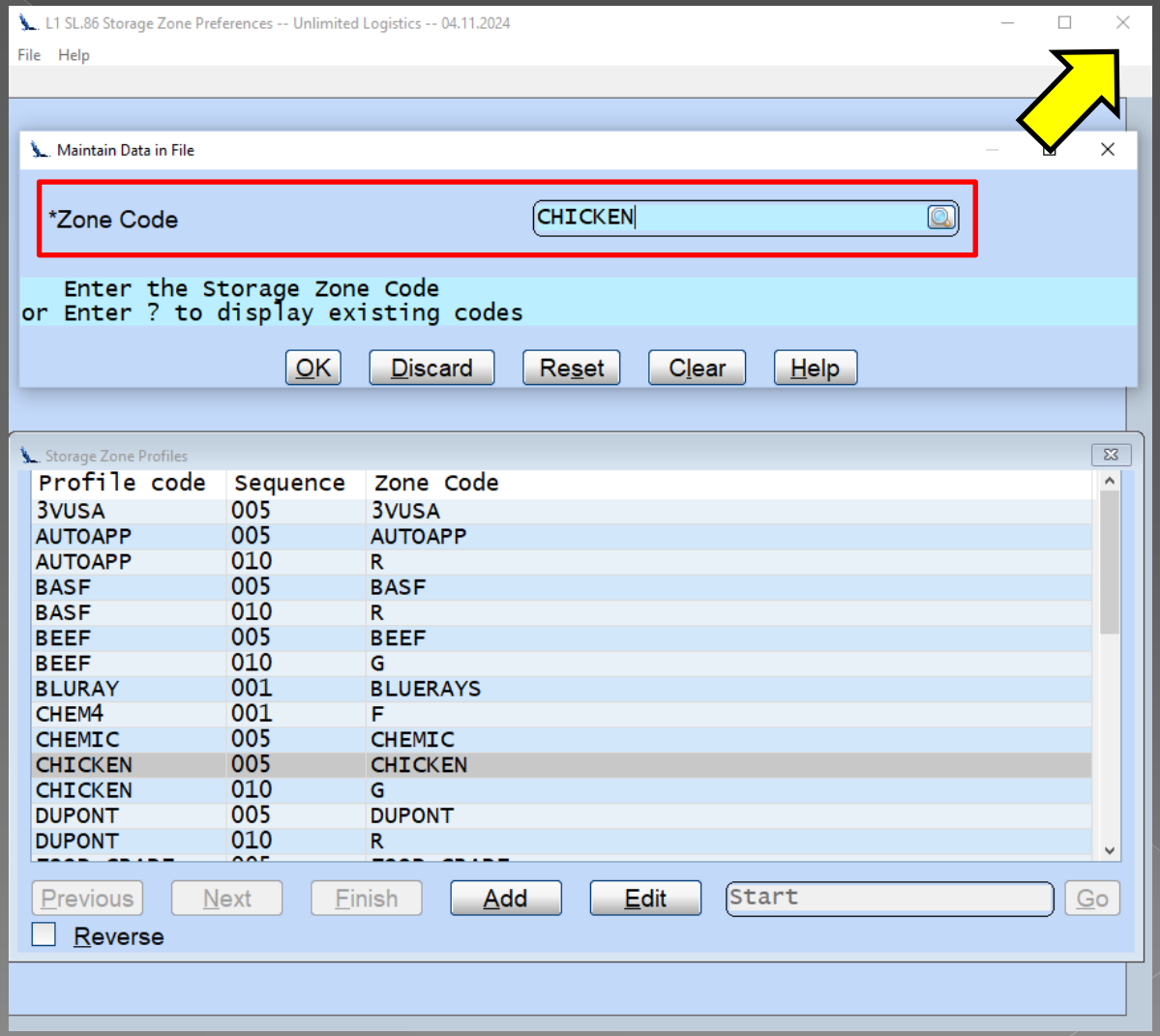
SL.99 Space Management Control



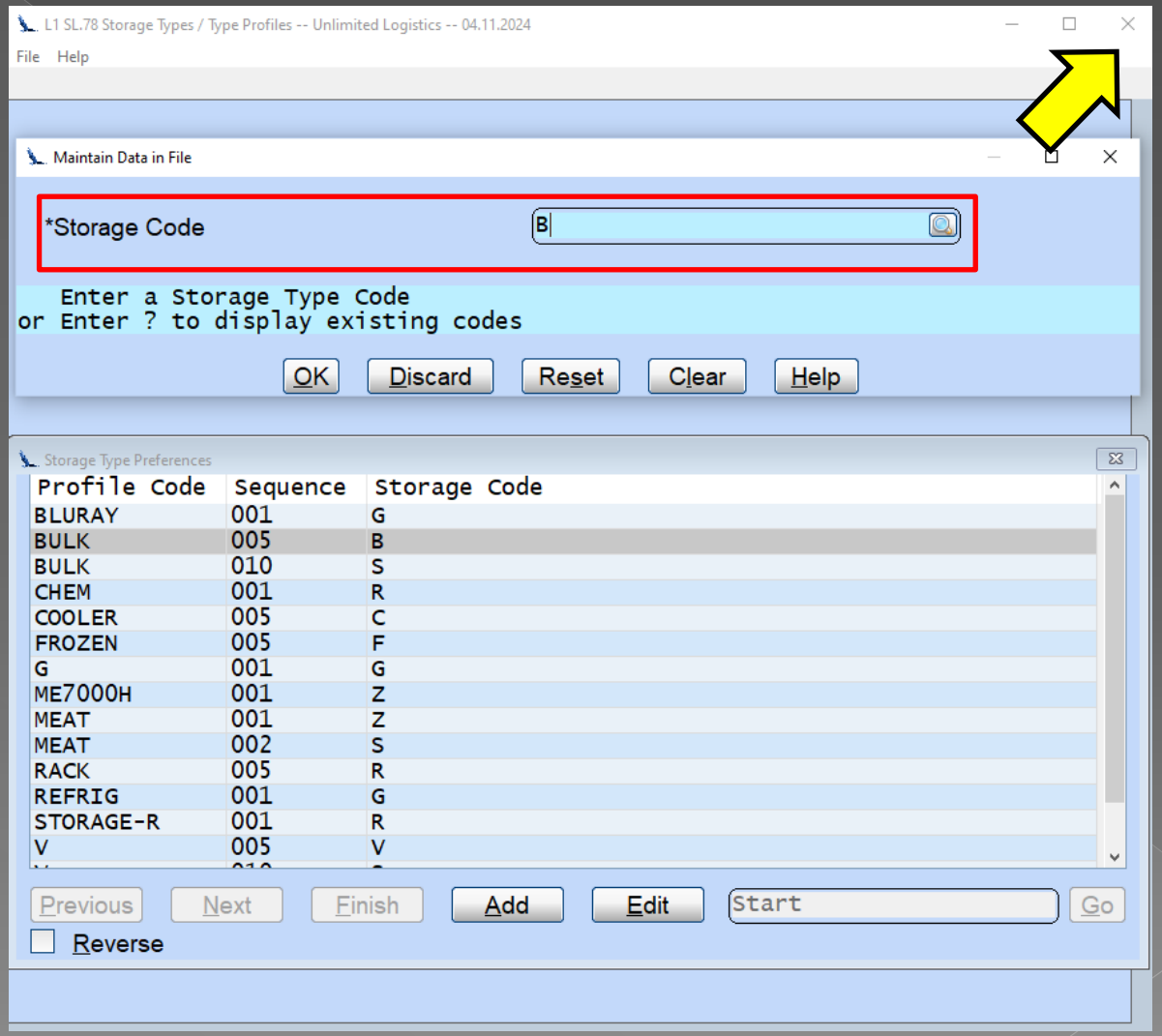
Configurations - Profiles

- SL.86 Storage Zone Profiles
- SL.78 Storage Type Profiles
- SL.80 Popularity Code Profiles
- SL.82 Separation Code Profiles

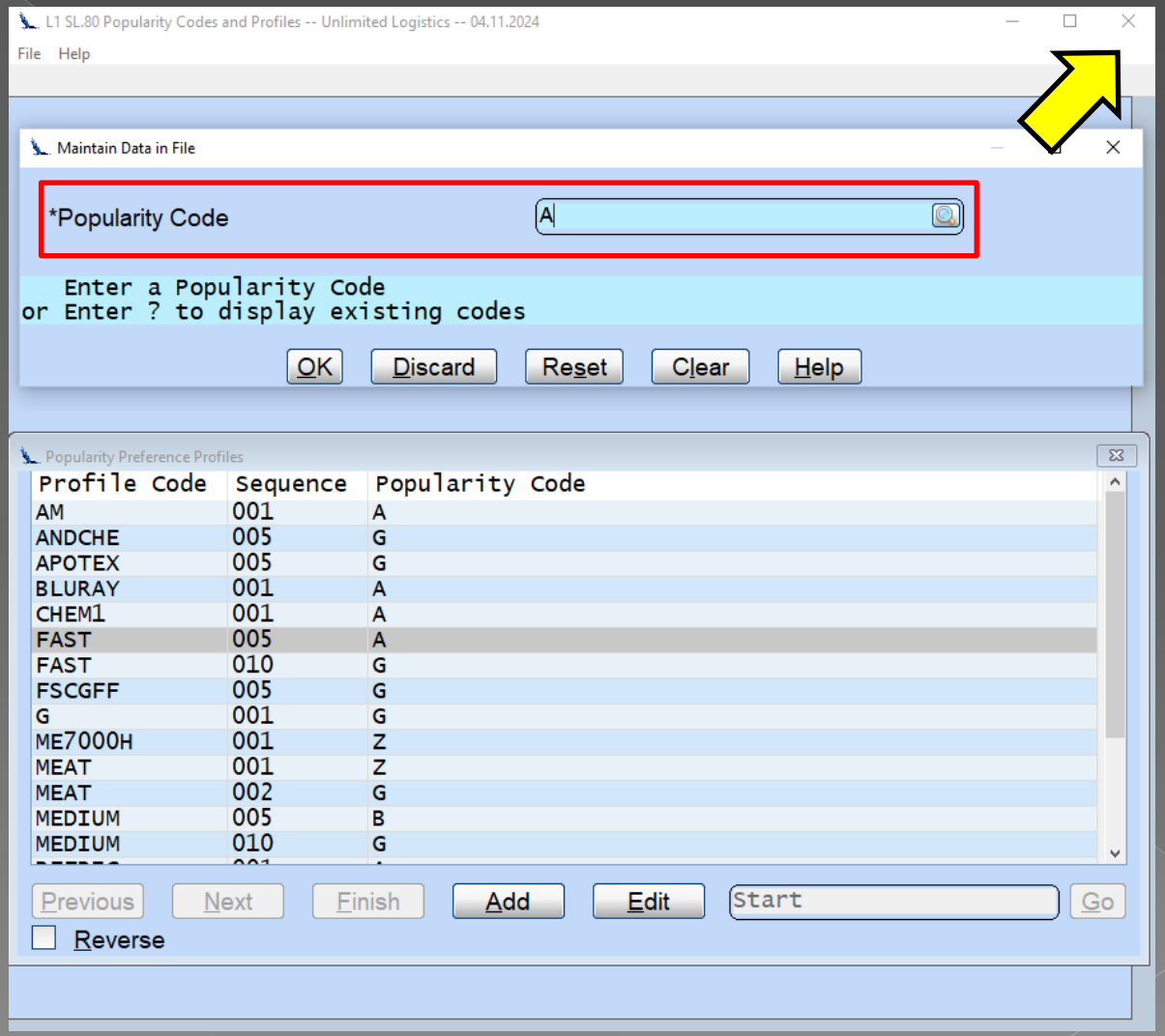
SL.86 Storage Zone Profiles



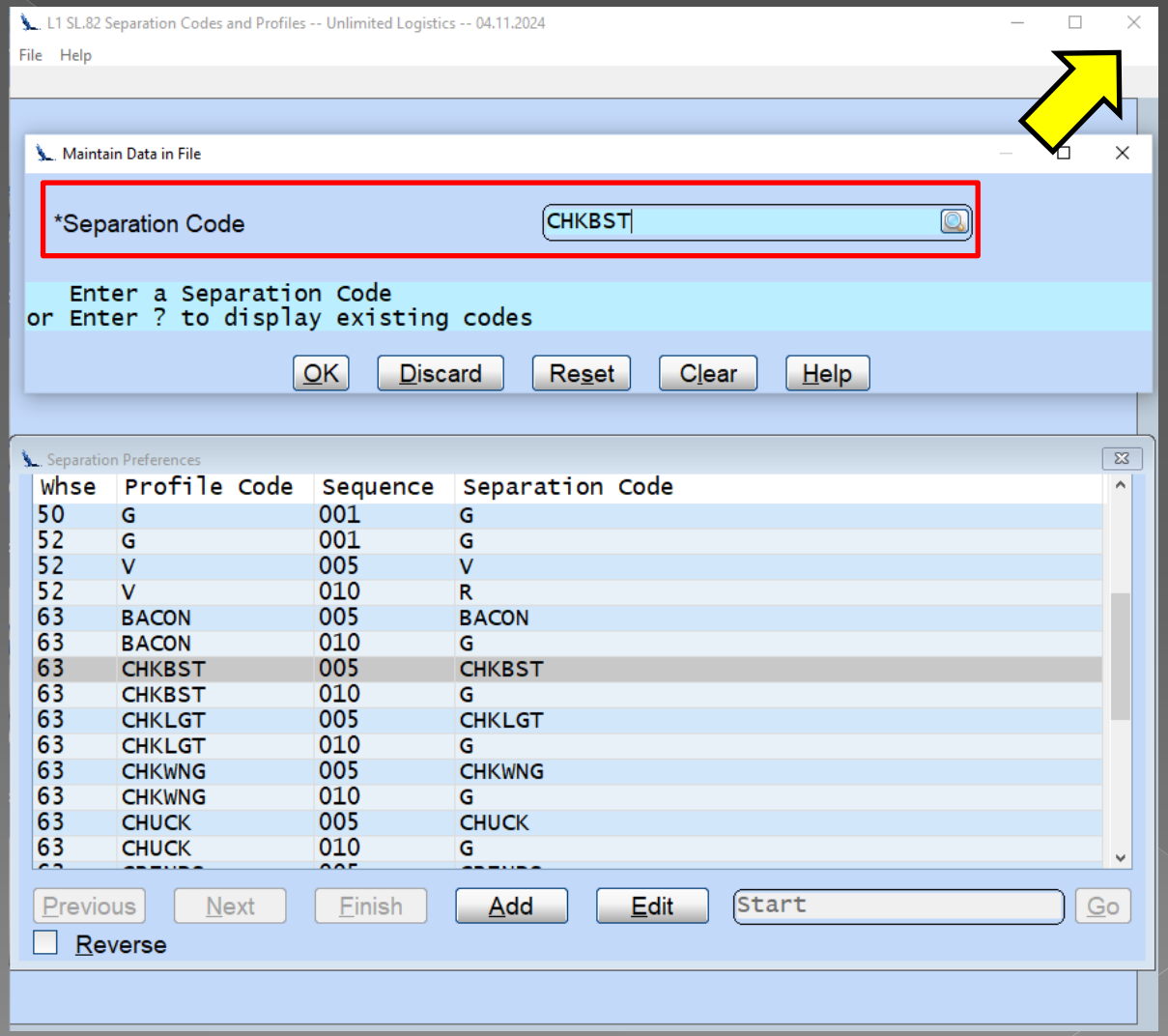
SL.78 Storage Type Profiles



SL.80 Popularity Code Profiles

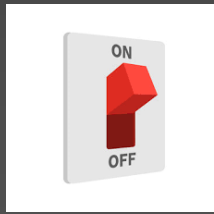


SL.82 Separation Code Profiles



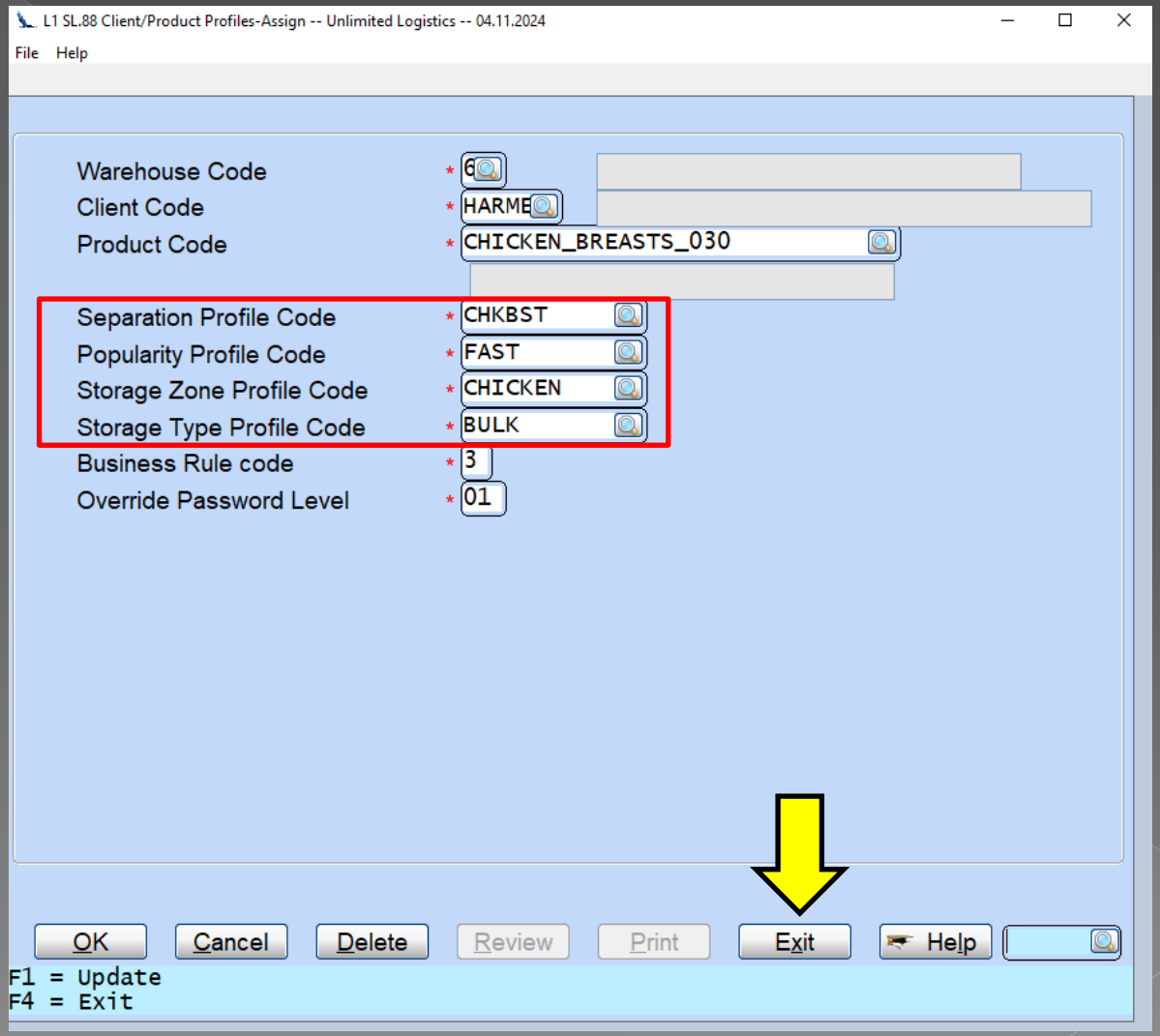
Whse	Profile Code	Sequence	Separation Code
50	G	001	G
52	G	001	G
52	V	005	V
52	V	010	R
63	BACON	005	BACON
63	BACON	010	G
63	CHKBST	005	CHKBST
63	CHKBST	010	G
63	CHKLGT	005	CHKLGT
63	CHKLGT	010	G
63	CHKWNG	005	CHKWNG
63	CHKWNG	010	G
63	CHUCK	005	CHUCK
63	CHUCK	010	G

Configurations – Activate

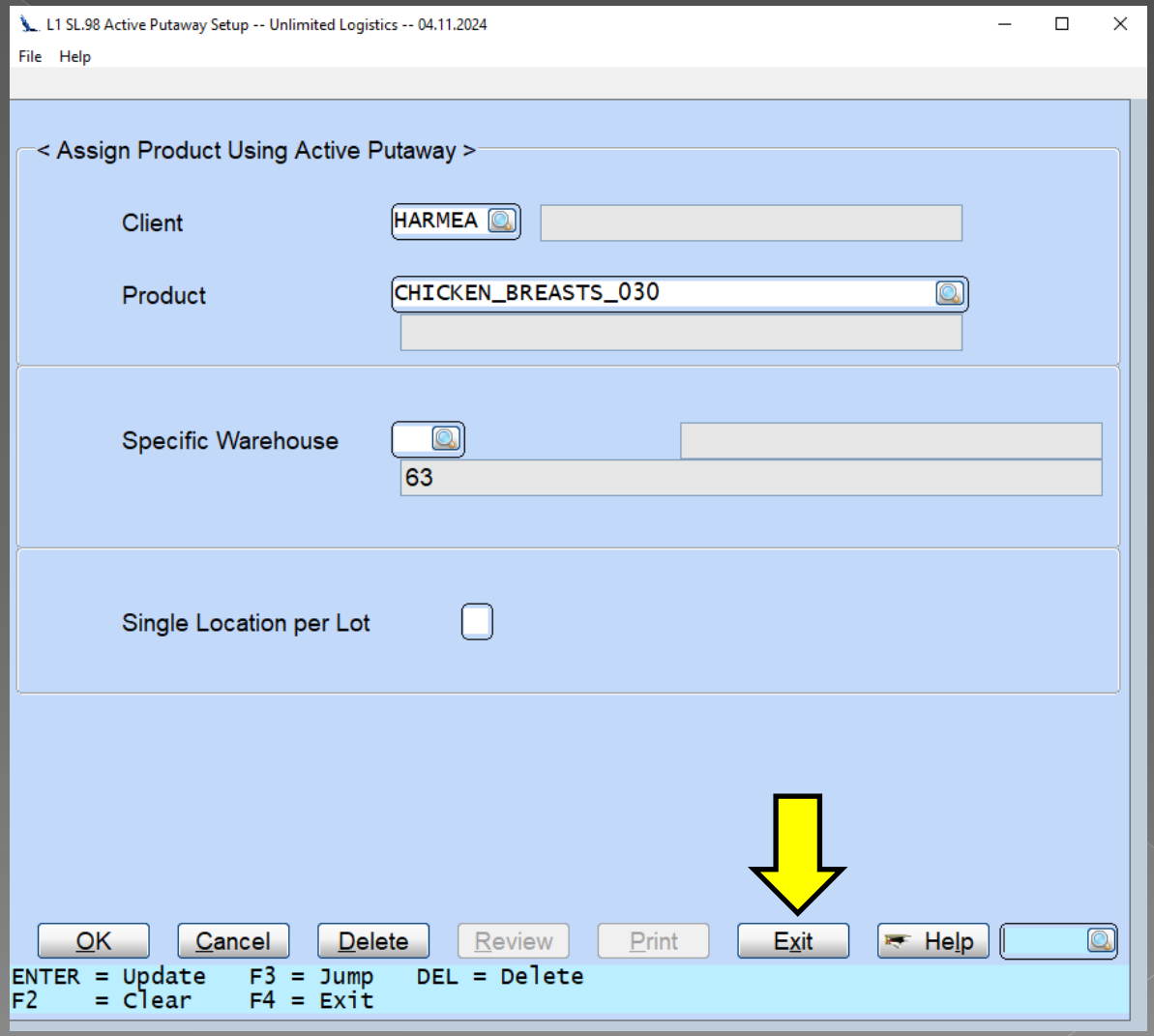


- SL.88 Client/Product Profiles - Assign
- SL.98 Active Put Away Set-Up

SL.88 Client/Product Profiles Assignment



SL.98 Active Put Away Set-Up



Conclusion

- Before implementing Directed Put Away you may use:
  - Use User Directed
    - Put it anywhere
  - Verified Directed
    - System will warn if it's incorrect
    - Will record "Overrides" to Discrepancy Report
  - Activate Space Management without Directed
- Finally, you can turn on Directed Put Away for specific Warehouses, Client and Products.

Questions and Answers