



Complexity in Mixed Cargo Terminals

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Navis

A photograph of a shipping yard with several stacks of colorful shipping containers (white, blue, yellow, red, green) under a blue sky with light clouds. The containers are stacked in a way that shows their height and variety of colors.

Agenda

- Introduction
- Dimension Considerations
- Handling vs Charging
- Service Complexities



About me - Shane Holdsworth

- 18 years in the Terminal Operating Software space

Pre-Navis:

- Jade Software Master Terminal code
- Building society finance software code

Navis

- 1 year at Navis in professional services APAC

Mixed Cargo Terminal Challenges

- Who's doing what in our processes and systems?
 - Operations - move it quickly and efficiently
 - Customers and CSR/Agencies/Management - report and communicate on time (real-time vs retrospective)
 - Finance - charge accurately and comprehensively



Dimension Considerations

- Dimensions for handling, reporting and charging
 - Weight
 - Volume
 - Density
 - Stowage Factor
 - Linear
 - Density
- Accurate conversions



Handling vs Charging

- Break bulk
 - CRC steel discharge in MT, charge in MT over 30MT free storage daily
 - Pulp paper bales discharge by quantity, charge storage by FRT
- Bulk
 - Liquid - discharged and store in litres or MT?
 - Dry - Managing piles (in, out, survey), charge in cubic metres or MT
- How many widgets can I load on a truck?



Service Complexities

- Packaging plant services
 - Reshaping and repackaging
- Self service storage
 - Dirty container store pick up and drop off fast gate
- Special handling service and equipment
 - LME
 - Hazardous storage
- Dry bulk filling services
 - Container filling
- Log services
 - Grading and assembly
 - Reticketing
- Storage charge premiums
 - Covered vs open air vs reefer store



THANK YOU!



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