User Guide - Marine

Date: 15-May-18

About the Document

Revision History			
Version	Date	Description of Change(s)	Author(s)
1.0	15-May-2018	Initial version	Ravi

Table of Contents

1 SCOPE AND OVERVIEW

The document covers functions related to Marine module in iTOMS. Below are the list of topics covered.

1. Vessel Registration
2. Voyage Registration
3. Voyage Operations

2 OBJECTIVES

The objective of the document is to aid business users in familiarizing Marine module features and functionalities available in iTOMS in carrying out day to day terminal operations.

3 VESSEL REGISTRATION

"Vessel Registration" function is used to register a new vessel, view / modify existing vessel details in iTOMS. This chapter lists the pre-requisites setups and explains the steps to register / modify vessel details in iTOMS.

3.1 Pre-requisite setups

The Vessel screen is dependent on the below master setups.

1. Vessel type
2. Country
3. Ship Dimension min and max limits

The above master setups can be defined using "Admin" module of iTOMS

Vessel type is used to identify type of vessel ex. Pure Car Truck carriers, Barge, etc., One or more vessel types are to be defined in the setup prior to vessel registration.

Country is used to identify the jurisdiction under whose laws the vessel is registered or licensed. This field is denoted as "*Flag*" in vessel registration.

Ship Dimension setup is used to define min and max values applicable for length, breadth, weight and height of a vessel. This is useful for ensuring proper values are entered for ship dimensions.
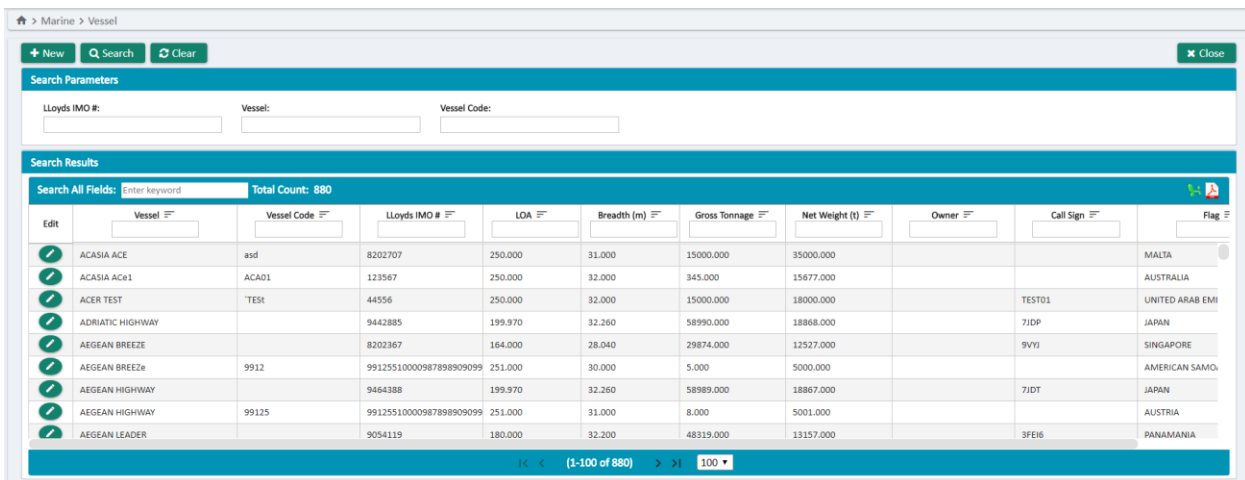
3.2 Vessel Function

User can perform the below functions using vessel registration screen in iTOMS

1. Register a new Vessel
2. Query and Modify existing Vessel Details

3.2.1 Register a new Vessel

Navigation - Marine -> Vessel

Click on "Vessel" menu item available under "Marine" module. This will open the below window.

Click on

 - To register a new vessel

 - To close the screen

On pressing "New", a new window is opened, that allows user to enter details required for registering a vessel, its dimensions, contact and owner details

The screen is divided into header and detail section

3.2.1.1 Header Section

In this section user can enter vessel name, code and other header level details. Below are the fields available at header level.

1. LLoyds IMO #: Mandatory. This is a unique reference to identify a vessel under IMO.

2. Vessel Type: Mandatory. This field is populated with a list of values that are defined using "Vessel Type" screen in "Admin" module. Select a valid vessel type to denote the type of Vessel. Ex. Is it Pure car carrier, Barge etc.?

3. Vessel Name: Mandatory. Free text field to capture vessel name.

4. Vessel Code: Mandatory. Enter a unique code for the Vessel. System validates that the code is unique in iTOMS. The validation is done at the time of saving the vessel

5. Calls Sign: Optional. Free text field to capture call sign designated for the vessel. Merchant and naval vessels are assigned call signs by their national licensing authorities.

6. Flag: Mandatory. List of values are provided from "Country" setup in Admin module. Flag is used to identify the jurisdiction under whose laws the vessel is registered or licensed. Select applicable value from the list.

7. Built Year: Enter the year of manufacture of the vessel

3.2.1.2 Detail Section

The detail section has separate tabs for capturing additional information like owner, vessel dimensions, contact details etc.

There are three tabs provided to capture this information

3.2.1.3 Owner

This section allows to capture owner details for the vessel. This tab is not mandatory and can be left blank.

Below are the fields available in this tab.

1. Owner: free text field to capture Owner of the vessel.

2. Address: free text field to capture address of the owner

3. Address1: free text field to capture additional info on address

4. Address2: free text field to capture additional info on address

5. City: free text field to capture city name

6. State: free text field to capture state name

7. Country: Select a value from the list.

8. Pincode: free text field to capture Zip code of the address.

3.2.1.4 Vessel Details

The "Details" tab allows to capture vessel dimensions and other properties.

1. LOA (m): Mandatory. Enter overall length of the vessel in meters. The value entered in this field is validated with min and max limits set for length of the ship, in "Ship Dimension" master setup.

   This value is used in berth planning, and for billing in some terminals for calculating dockage charges.

2. Breadth (m): Mandatory. Enter breadth of the vessel in meters. The value entered in this field is validated with min and max limits set for breadth of the ship, in "Ship Dimension" master setup.

3. Max Draft (m): Optional. Enter maximum draft of the vessel in meters.

4. Gross Tonnage (t), Net Weight (t), Dead Weight (t): Mandatory elements to be defined for the vessel. Enter applicable values in tonnes.

   The value entered in Net Weight is validated with min and max limit set for the vessel in "Ship Dimension" master setup.

5. Stern Ramp Capacity (t): Optional. Enter stern ramp capacity of the vessel in tonnes.

6. Height of Main Deck (m): Optional. Enter the value in meters.

7. Stern Ramp Length (m), Stern Ramp Width (m), Stern Ramp Opening Height (m): Optional elements. User can enter applicable values in meters.

8. No. Of Decks: Mandatory attribute. Enter no. of decks available on the vessel.

9. Remarks: Optional. Free text field to capture any specific remarks

3.2.1.5 Contacts

This tab is used to capture contact details for the vessel. Before entering contact details, user needs to enter mandatory information in header and detail sections. System validates for the same and user is prompted for any missing information.
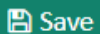
If all the mandatory attributes in header section are filled in, then system adds an empty row in this tab. Below are the attributes available for capturing contact details.

1. Name: Optional attribute. Free text field. User needs to enter contact person name

2. Email: Mandatory attribute. User needs to enter email ID of the contact person.

3. Work #, Mobile #, Fax: Optional elements. User can enter contact numbers and fax details

iTOMS allows multiple contacts to be created for the vessel. Press "Add" to add an empty row and in order to fill in details for another contact.
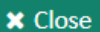
After filling in necessary information in header, and detail tabs

Click on

🖫 Save - To save details entered in header and detail tabs. System validates that the mandatory attributes are filled in and prompts message accordingly. If all the required details are captured, the vessel is registered in the system and can be used across application modules

✖ Close - To discard the details entered and to close the screen. System navigates back to main screen. The changes will be discarded.

3.2.2 Query and Modify existing Vessel Details
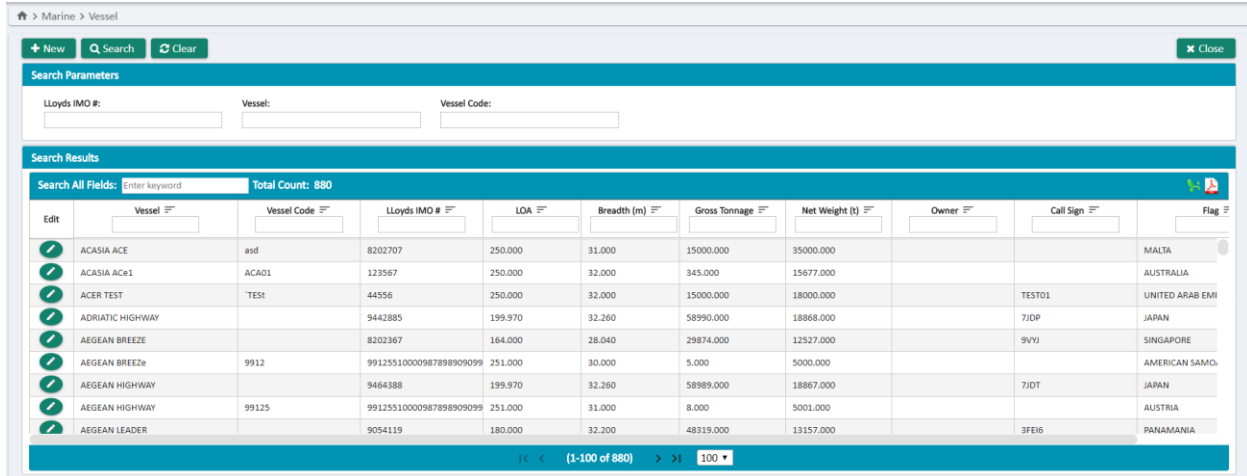
Navigation - Marine -> Vessel

Click on Vessel function in Marine module. This will display existing vessels registered in the system.

Below search parameters are provided to search for a specific vessel

1. Lloyds IMO #

2. Vessel
3. Vessel Code

After entering partial text in any of the above attributes click on "Search" to retrieve matching vessels.

Once matching vessels are retrieved, click on "Edit" icon ( ) available against the vessel record

    -    To open vessel details in a new window and to modify attributes

Below window is displayed to the user

Modify any of the attributes and click on

    -    to save the changes made to attributes

    -    to discard changes and to navigate to main vessel screen

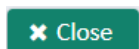## 3.3   Vessel Registration Rules & Validations

At the time of saving vessel setup, iTOMS performs the following validations.

1. Mandatory attributes: Below are the mandatory attributes for vessel registration. System ensures that a value is specified in these attributes. If left blank, prompts the user with appropriate message with missing information and does not save the record

   - Vessel Type
   - Vessel Name
   - Vessel Code
   - Flag
   - LOA
   - Breadth
   - Net Weight
   - Dead Weight
   - No. of decks

   If contact details are entered, contact email attribute becomes mandatory

2. Duplicate Vessel Code check: During save system validates that same vessel code is not set up already.

4   VOYAGE REGISTRATION

Voyage information flows into iTOMS through EDI inbound message. This function is used to view voyage details and also provides facility for the user to modify any information that did not flow into the system correctly.

Using this function user can also add a new voyage, if the information did not flow from EDI

This chapter lists the pre-requisites setups and explains the steps to view / modify / add voyage in iTOMS.

4.1   Pre-requisite setups

This function is dependent on the below setups.

1. Vessel Registration – Mandatory setup. Define vessel details using this setup.
2. Berth setup – Mandatory. Define available berths at the terminal.

3. Voyage type – Mandatory. Define voyage types
4. Port setup – Mandatory. Define POL, POD ports for the voyage
5. Carrier – Mandatory. Define carrier details
6. Delay type, Delay reason – Optionally mandatory. Required if user needs to capture Delay details
7. Document type – Optionally mandatory. Required if user needs to upload documents

Except for Vessel Registration, rest of the above master setups can be defined using "Admin" module of iTOMS.

Vessels are defined using "Marine" module.

4.2 Voyage Function

Users can perform below functions using Voyage menu Marine module

1. Define a new Voyage
2. Query and Modify existing Voyage schedules
3. Cancel a Voyage
4. Reconcile Voyage operations
5. Close Operations for a Voyage

4.2.1 Define a new Voyage

Navigation - Marine -> Voyage

Though voyage information flows into iTOMS through EDI, system has flexibility to define a new voyage manually. This section explains the steps required for creating a voyage.

Click on "Voyage" menu item available under "Marine" module. This will open the below window.

Click on

    -    To register a new voyage

    -    To search for existing voyages based on search parameters

    -    To clear search parameters

    -    To navigate to Berth Planning function in Planning module

    -    To close the screen

On pressing "New", a new window is opened, that allows user to enter details required for registering a new voyage and its details like port rotation, capture movements, delays, etc.

The screen is divided into header and detail section

4.2.1.1 Header Section

In this section user needs to select a vessel, define whether it is import or export voyage, assign a berth, etc. Below are the fields available at header level.

1. Vessel: Mandatory. Select a vessel from the list. The list displays all active vessels defined in iTOMS. If a new vessel is required, define the same using "Marine -> Vessel" function. The steps to define a new vessel is explained in previous chapter.

2. Activity: Mandatory. Select one of the below values

    a. IMPORT – to restrict voyage for import operations viz. Discharge cargo etc.
    b. EXPORT – to restrict voyage for export operations viz. Load cargo etc.
    c. BOTH – to perform both import and export operations.

3. Type: Valid values "Non Coastal" & "Coastal". Defaulted to "Non Coastal".

4. Service Route: Optional. This is used to auto populate port rotation. The setup needs to be defined in Admin module

5. Berth: List of values are provided from "Berth" setup in Admin module. Select a berth used by the vessel at the terminal. The berths are planned prior to voyage arrival. This is done in "Planning" module using "Berth Planning" function.

6. Voyage Load #, Voyage Discharge #:

    WWL internally uses different voyage numbers for Load and Discharge operations for the same vessel. From iTOMS perspective it will be a single voyage. These fields capture WWL voyage reference numbers. System automatically populates these values when processing Vessel Schedule message.

7. Minimum Draft(m): Optional. Enter minimum draft for the vessel.

8. Priority: Mandatory. Available values "Yes" / "No"". Select "Yes" if this voyage needs to be given priority in berth planning.

9. IRR: Available values "Yes" / "No". The IRR feature is used if vessel is berthed at a different terminal (not of our own) and to bring in cargo into terminal through Gate

10. Operations Close: Available values "Yes" / "No". If operations are closed for the voyage select "Yes" in this field.

After entering above details user can optionally save voyage record or enter remaining details as explained in "Detail Section" and Save. System generates a unique VCN # automatically and is populated in the header.

4.2.1.2 Detail Section

User can additionally capture information on port rotation, carrier, movements, delays etc.

List of tabs available for additional information

- Vessel Details
- Port Rotation
- Carrier
- Movements
- Delays
- Documents

Refer to below sections for more details on these tabs.

4.2.1.2.1 Vessel Details

This tab is for display only. Vessel details such as Vessel type, LOA, Breadth, No. of Decks, Gross Tonnage, Dead Weight are displayed

4.2.1.2.2 Port Rotation

Click on this tab, to capture port rotation information for the voyage viz. ports visited by the vessel in this voyage, activity type, estimated and actual arrival / departure times at the port

Below are the attributes available to capture port rotation details

- ➤ Port Name: Mandatory. Select the port from list of values. The list is populated from "Location" setup in "Admin" module. If the port to be listed in the voyage is not available, add the same using Admin -> Location setup.

- ➤ Activity: Mandatory. Select the activity value from the list viz. IMPORT / EXPORT / BOTH

- ➤ ETA: Enter estimated arrival time of the vessel at this port

- ➤ ETD: Enter estimated sailing time of the vessel at this port

- ➤ ATA: Enter actual arrival time

- ➤ ATD: Enter actual sailing time

Click on

[Add] - To add another port to the voyage

[Cancel] - To cancel the information entered in this tab. All the records entered in "Port Rotation" and not yet saved are discarded. Use "Delete" button **[🗑]** available next to each port record in order to delete specific port.

In order to save port rotation details, click on

[Update] - The button is available on top left of the screen

4.2.1.2.3 Carrier

Click on this tab to define carriers for the voyage. This is required if multiple carriers have cargo booked on this voyage. System allows to define a "Main Carrier" amongst the carriers listed in this tab.

Below are the attributes available to capture carrier details

➢ Carrier: Mandatory. Select the carrier responsible for transporting the cargo. The list is populated from master setup. Carriers are defined using customer registration screen. The customer type should be "Shipping Line"

➢ Activity: Optional. Select the activity value from the list viz. IMPORT / EXPORT / BOTH

➢ Voyage Load #, Voyage Discharge #, Voyage Both: Optional.

➢ Main Carrier: Check the box if this is the main carrier. Only one carrier can be selected as main carrier. The various operational activities (Load, Discharge, etc.) are charged to main carrier.

Click on

[Add] - To add another carrier to the voyage

[Cancel] - To cancel the information entered in this tab. All the records entered in the tab and not yet saved are discarded. Use "Delete" button **[🗑]** available next to each record in order to delete specific carrier.

Click on

[Update] - To save carrier details. The button is available on top left of the screen

4.2.1.2.4 Movements

Click on this tab to capture vessel movement details at the port viz. date and time vessel arrived at the port, berthing date at the terminal, sailed date and time etc.

If vessel is moving b/w berths, iTOMS allows to capture movement details at each berth. This can be captured by using "Additional Movements" button

Below are few important attributes in this tab

1. Berthed At (First Line): Enter date & time when vessel is berthed at the terminal. When this value is entered, while saving, system validates that there is no other vessel still berthed at the same terminal. Vessel is available for Discharge / Load operations only after it is berthed at the terminal
2. Cargo Operation Commenced At: Enter date & time when the cargo operations like Discharge / load have commenced for the vessel.
3. Cargo Operation Completed At: Enter date & time when all the cargo operations like Discharge / load have completed for the vessel.
4. Flag Hoisted At: Flag hoisted when a ship is about to sail. Enter date & time when flag hoisted for the vessel.
5. Sailed At: Enter date & time when vessel has sailed from the terminal. The berth will become available for next vessel after this date. Once vessel is sailed, the voyage does not appear in Discharge / Load functions.

4.2.1.2.5 Delays

Use this tab to capture delays that happened for the voyage. System allows to capture the reasons for the delay and the duration the vessel is held up. The delay reasons are grouped logically. User needs to select delay type and the reason. List of values are provided for these two attributes which can be maintained by the user using Admin module.
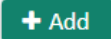
Below are the attributes available to capture delay information

➤ Delay From: Mandatory. Enter start date / time of the delay. User can enter manually (the format is specified in the field) or select the same from calendar

➤ Delay To: Mandatory. Enter end date / time of the delay. User can enter manually (the format is specified in the field) or select the same from calendar

➤ Delay Type: Mandatory. Select a valid delay type from the list. The delay types can be setup in Admin module. User can add a new delay type if it is not yet defined in the list.

➢ Delay Reasons: Mandatory. Select a valid reason from the list. If a reason is not available in the list, it can be added in Admin module
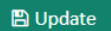
1. Remarks: Optional. Free text field to capture any additional remarks

Click on

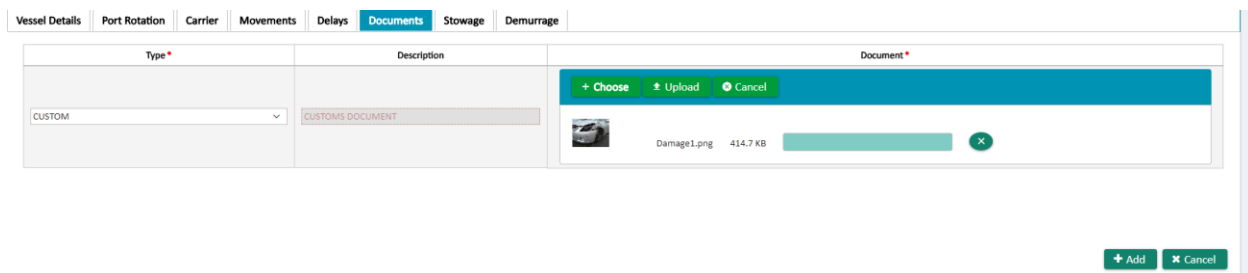**+ Add** - To add another delay occurrence to the voyage

✗ Cancel - To cancel the details entered. Systems clear the delay records that are not yet saved.

Click on

🖫 Update - To save details entered in this tab. The button is available on top left of the screen

4.2.1.2.6 Documents

Use this tab to upload relevant documents as a reference for the voyage. System allows to add multiple documents.

Below are the steps for document uploading

➢ Select Document Type from the list. The difference types could be Custom, Commercial, etc.

➢ Click on "Choose" button. This will open an explorer window. Select the document to be uploaded.

➢ If a wrong document is selected, it can be removed by clicking on the cancel **⊗** button next to the document

➢ Click on Upload button to upload the selected document

➢ User can add multiple documents by clicking on "Add" button available in the tab (bottom right corner).

Click on
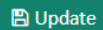
[🖫 Update]   -   To save document entered. The button is available on top left of the screen

4.2.2 Query and Modify existing Voyage Details

Navigation - Marine -> Voyage

Click on Voyage function in Marine module. This will display all existing voyages registered in the system.

To restrict the search to a particular voyage (s), enter one or more attributes available in selection criteria window

Below are the available options to restrict the search

1. Vessel / VCN / Voyage #: List search is provided. Enter min. 3 or more characters for the list to display matching voyages.

2. Vessel: List of values is available. Select a value from the list in order to search voyages against a particular vessel.

3. Voyage Load #, Voyage Discharge #, Voyage Both #: Enter details to limit the search based on these values.

4. Berth: Select a value from the list to limit the search specific to a berth

5. Voyage Status: Valid values are Berthed, Sailed, Cancelled, Closed. Select a value from the list to limit the search based on status.

User needs to enter at least 1 search parameter in order to retrieve the results.

Click on

[🔍 Search]   -   To retrieve results based on values entered in search parameters. User will be prompted with a message if search parameters are not entered
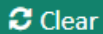
⟳ Clear   - To clear search criteria

On clicking "Search", iTOMS retrieves matching voyages based on search criteria and displays them in search results

The voyage records are highlighted with a color code based on their status. Below color combination is used for each status

▢ Berthed   ▢ Sailed   ▢ Cancelled   ▢ Closed

In order to modify details on a voyage, click on "Edit" (✎) icon available on each record. This will open main window for the voyage. The details corresponding to the voyage are displayed on the screen

User can modify details as required in header and in detail sections (port rotation, carrier, movements, etc.). User needs to click on "Update" button to save the changes done to the voyage record.

4.2.3 Cancel a Voyage

Users can cancel a Voyage record that was created by mistake. Th record will not get deleted in the system. It will be visible in Voyage screen but will not be available for any other transactions on Voyage.

Follow the below steps

1. Query for the Voyage as explained in previous section
2. Click on "Edit" icon available on the left side of Voyage record
3. This will open "Voyage Details" window
4. In the header section, select "Yes" in Cancel Flag
5. Click on "Update" button to save the changes
6. System validates to check if there are any cargo operations done on the Voyage. If so will prompt a message to the user and the cancel flag will be reverted to "No"
7. If there are no cargo operations done on the voyage, iTOMS will set cancel flag to "Yes".

4.2.4 Reconcile Voyage operations

The reconciliation function allows users to view and perform below activities.

1. Get a summary of cargo units loaded / discharged in a voyage vis-à-vis total VINs available
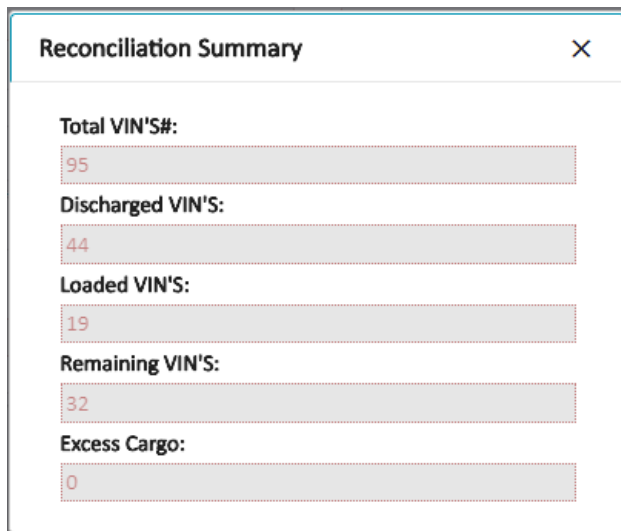2. For an Import Voyage

a. Delete excess cargo units from manifest if they are not valid and so discharge operation cannot be done

b. View cargo units that were discharged from Voyage, but are not in manifest

3. For Export Voyage

a. Change VCN to another voyage, if the cargo is not getting loaded in voyage listed in the Booking.

b. Perform Shut Out operation if cargo will not get loaded in the voyage and new voyage details are not available.

The process is required to ensure load / discharge operations are completed for all cargo units before closing the voyage for operational purposes.

4.2.4.1 Reconciliation Summary

Query for the voyage and click on "Edit" button to open Voyage Details screen.

Click on   Reconciliation Summary   to view summary of cargo units loaded / discharged vis-à-vis total VIN available in manifest / booking. Below window is displayed to user on clicking "Reconciliation Summary""

Reconciliation Summary   ✕

Total VIN'S#:

95

Discharged VIN'S:

44

Loaded VIN'S:

19

Remaining VIN'S:

32

Excess Cargo:

0

1. Total VINs: Total cargo units that are planned to get loaded / discharged from the voyage. This value comes from Manifest / Booking.

2. Discharged VINs: No. of cargo units that are discharged from the voyage for import operation

3. Loaded VINs: No. of cargo units that are loaded on the voyage for export operation

4. Remaining VINs: No. of cargo units pending to be Loaded / Discharged from the voyage

5. Excess Cargo: No. of cargo units discharged from the voyage that are not part of Manifest

4.2.4.2 Reconciliation

Click on "Reconciliation" button to perform manifest / booking correction as per business / operational requirements

Below window is displayed on clicking "Reconciliation". The window has below three tabs
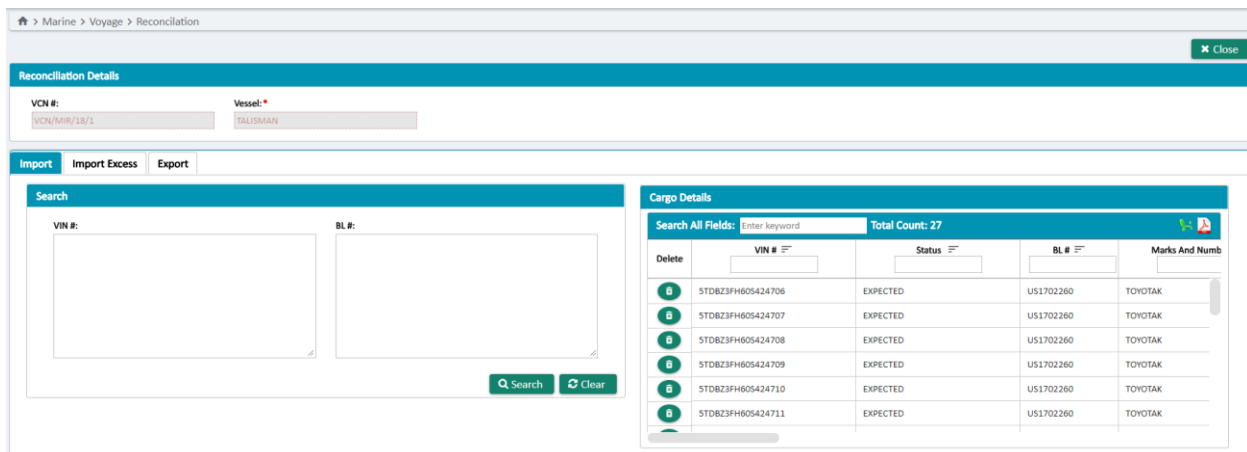
1. Import
2. Import Excess
3. Export

Detail explanation is given below for each of the tab

4.2.4.2.1 Import

The Import tab allows users to view / delete cargo units that are not yet discharged from the voyage. By default, system retrieves all cargo units that are pending to be discharged. The list can be filtered based on search criteria available on the left panel.

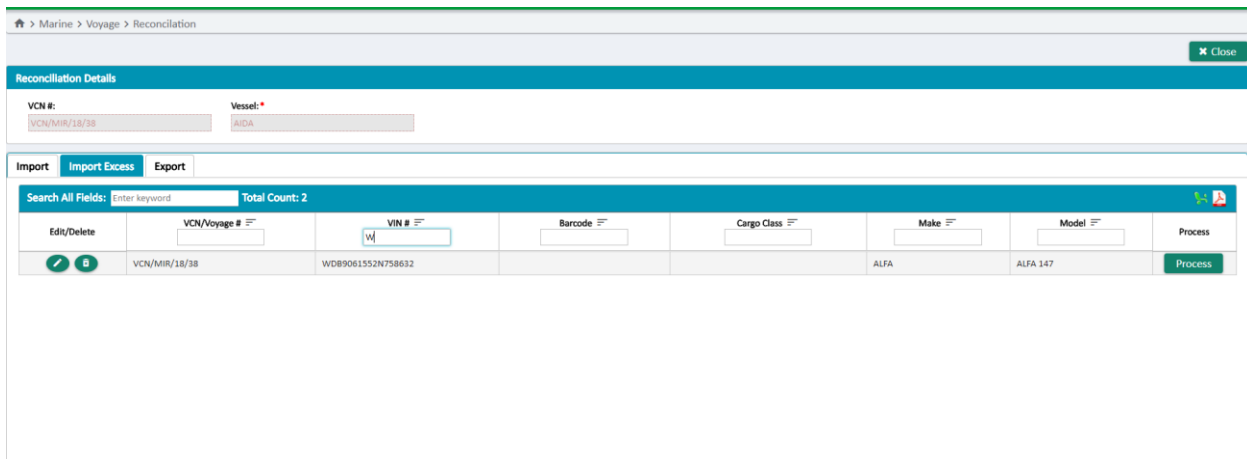User can search based on one or more VINs / BL #.

Enter these details on the left pane and click on search to retrieve cargo units. The right pane will refresh and display cargo units that pertain to the search.

User can review the cargo units that are displayed on the right pane, and in case of any corrections like a) if the cargo is not getting discharged from the voyage, b) if the unit is wrongly entered in manifest, the same can be removed by clicking on "Delete" button provisioned next to each cargo record

On clicking "Delete", user is prompt withed a confirmation message. If user confirms to go ahead with delete, system validates if there are any child operations carried out on the cargo. If there are no child operations, system will go ahead and remove the cargo line item from manifest. If there are child operations system will prevent deletion of cargo

4.2.4.2.2 Import Excess

This tab will display cargo units that are discharged from voyage (this discharge is recorded through mobile scan) but are not part of initial manifest.

Click on edit icon 🖉 to update details on the cargo unit

After entering required details click on **Process** to add the excess cargo in Manifest. System validates for completeness of date. User needs to enter the below mandatory attributes before processing the cargo unit

1. BL#
2. Barcode
3. Cargo Class
4. Cargo Type
5. Cargo
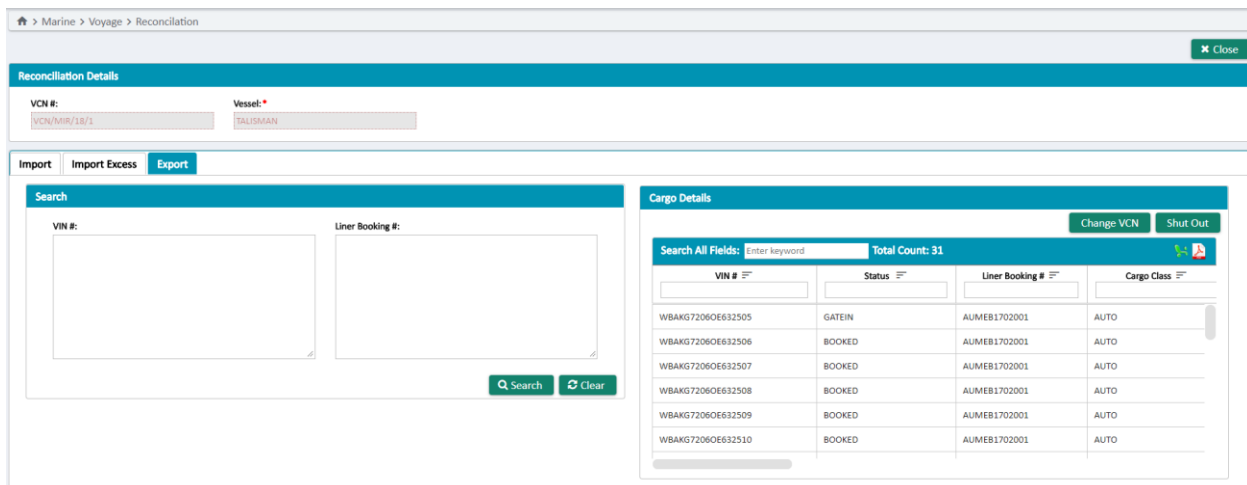6. Make
7. Model
8. Customer Name

9. Carrier
10. Weight

If the record is not valid, user can delete the same by clicking delete 🗑 button

4.2.4.2.3 Export

The Export tab allows users to view cargo units that are pending to be loaded. By default, system retrieves all cargo units which are not yet loaded. The list can be filtered based on search criteria available on the left panel.

User can search based on one or more VINs / Liner Booking #.

Enter these details on the left pane and click on search to retrieve cargo units. The right pane will refresh and display cargo units that pertain to the search.

Select one / more units (using CTRL + click) User can review the cargo units that are displayed on the right pane, and can perform voyage correction if needed

Click on "Change VCN" to correct voyage and POD details for the cargo. The cargo will be planned for shipment on the new voyage.

Click on "Shut Out" to remove voyage link on the cargo. This is needed in case cargo is not being shipped in the current voyage and new voyage info is not yet available for the cargo

4.2.5 Close Operations for Voyage

Users need to close the voyage in the system, after requisite operations have been completed on the vessel (viz. Load, Discharge etc.) and it is sailed from the port. This is needed to mark operations completion on the voyage from system perspective. The closed voyages will not be listed in operational screens.

Follow the below steps

1. Query for the Voyage as explained in previous sections
2. Click on "Edit" icon available on the left side of Voyage record
3. This will open "Voyage Details" window
4. In the header section, select "Yes" in "Operations Close" attribute
5. Click on "Update" button to save the changes
6. System validates to check if there are any cargo units pending to be loaded / discharged from the vessel. If so it will prompt a message to the user and will stop setting the attribute to "Yes".
7. If there are no pending units, iTOMS will set "Operations Close" attribute to "Yes".

4.3 Voyage Rules & Validations

Below are the rules & validations implemented in Voyage function

1. Mandatory attributes - Below are the mandatory attributes for voyage registration. System ensures that a value is specified in these attributes. If left blank, prompts the user with appropriate message with missing information and does not save the record
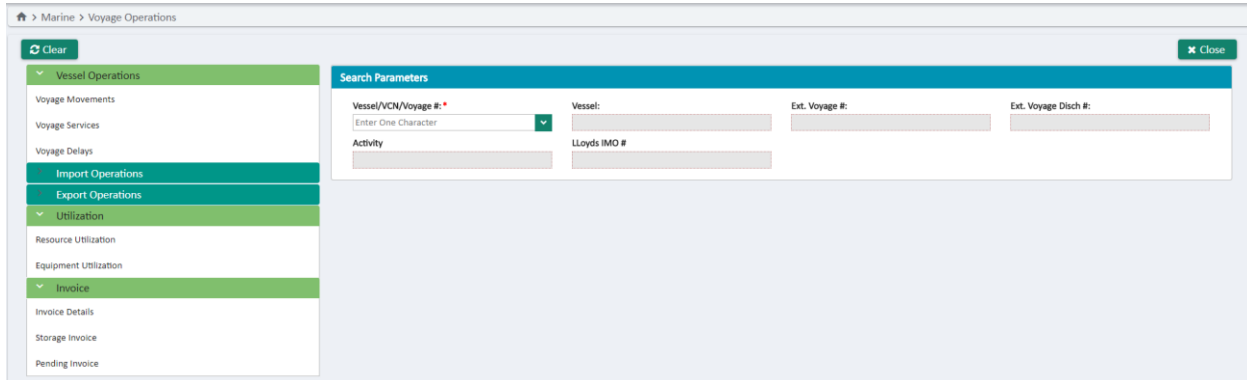   - Vessel
   - Activity
   - Berth

   If port rotation details are entered, port name and activity attributes become mandatory

2. Cancel Voyage – There should not be any cargo operations performed on the voyage

3. Operations Close – All cargo units should have been loaded / discharged and vessel is sailed from the port
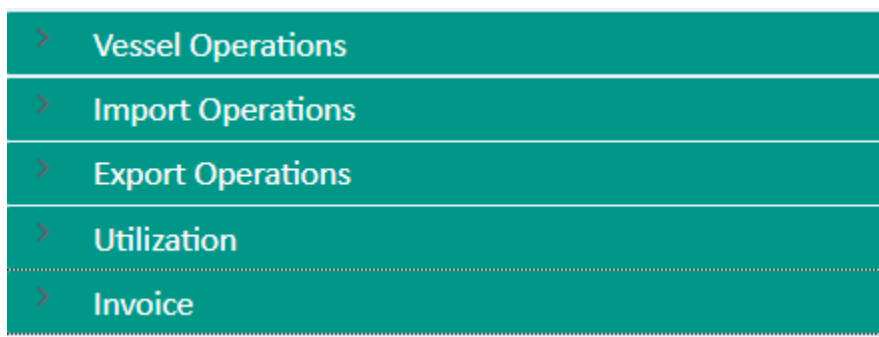
5 VOYAGE OPERATIONS

Navigation: Marine -> Voyage Operations

This function facilitates to view voyage related summary at one place. User can view voyage movements, voyage delays, import / export operations completed, equipment utilization and invoice details.

Enter one or more characters on VCN / Voyage # field (right pane) to limit the search. User can enter a VCN # or vessel name or Ext Voyage reference # to filter matching voyages.

Select a voyage from the list. User can view various operations done on this voyage from left pane.

Click on each of these options to view details pertaining to them

5.1 Vessel Operations

User can view Voyage movements, services done for the voyage and delays of any

Click on each of these links to view respective details.

- Voyage movements: This link displays berth movements, voyage arrival date, customs clearance date etc.
- Voyage Services: This link displays various services done for the vessel during its status at the terminal
- Voyage Delays: Displays delays captured for the vessel

5.2   Import Operations

User can view details of various import operations performed for the Voyage

Click on each of these links to view respective details.

- Manifest Details: This link displays bill of lading wise cargo summary
- Discharge: This link displays discharge summary. User can view the details grouped based on BL# and for each cargo class
- Storage: Displays summary of units stored in each yard. Data is grouped based on BL#
- Gate: These details are for truck transport. Displays no. of Gate passes created for the voyage and total units on the gate pass. The details are grouped based on BL# and cargo class
- Barge: These details are for Barge transport. Displays no. of Gate passes created for the voyage and total units on the gate pass. The details are grouped based on BL# and cargo class
- Customs: Displays BL# and cargo class wise summary of total units for which the customs clearance is completed.
- Delivery Order: Displays delivery order summary
- Damage Recording: Displays damage details viz. damage unit, damage code, severity, damage area etc.
- Hold & Release: Displays hold and release dates if any for cargo units

5.3   Export Operations

User can view details of various export operations performed for the Voyage
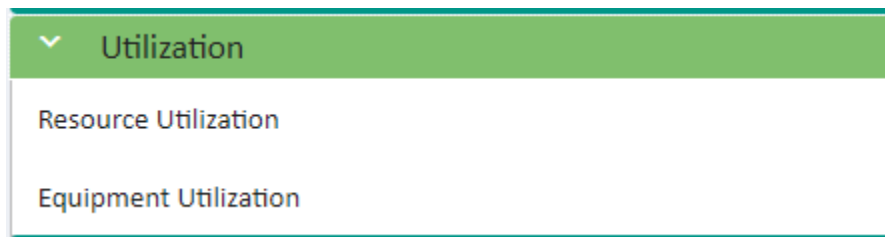

Click on each of these links to view respective details.

- Booking Details: This link displays total cargo units in booking. The details are displayed for each booking, cargo class, customer and make.
- Gate: These details are for cargo coming through truck transport. Displays no. of Gate passes created for the voyage and total units on the gate pass. The details are grouped based on Booking# and cargo class
- Barge: These details are for cargo coming through Barge transport. Displays no. of Gate passes created for the voyage and total units on the gate pass. The details are grouped based on Booking# and cargo class
- Storage: Displays summary of units stored in each yard. Data is grouped based on Booking#
- Load: This link displays load summary. Details are grouped based on Booking#, cargo class, customer and make.
- Customs: Displays Booking and cargo class wise summary of total units for which the customs is completed.
- Damage Recording: Displays damage details viz. damage unit, damage code, severity, damage area etc.
- Hold & Release: Displays hold and release dates if any for cargo units

5.4   Utilization

User can view details of resource and equipment utilization for the Voyage

Click on each of these links to view respective details.

- Resource Utilization: Displays resources utilization in performing various cargo operations for the voyage
- Equipment Utilization: Displays equipments utilized for performing activities / cargo services for the voyage

5.5   Invoice

User can view invoices generated for the voyage and pending invoice details.

⌄	Invoice
Invoice Details
Storage Invoice
Pending Invoice
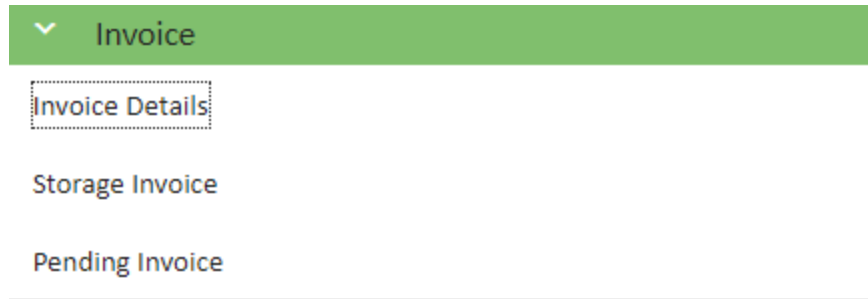
Click on each of these links to view respective details.

- Invoice Details: Displays Invoices generated and marked as "Final" for the voyage.
- Storage Invoice: Displays storage invoices generated for the cargo for the voyage.
- Pending Invoice: Displays pending invoice details. User can view services performed, total units, invoice done units and pending units for each Booking /BL