



**VnVCS**  
V&V Comptech Systems

# **BLIQ**

Bulk and Liquid Terminal  
Complete Solution

## Introduction

**BLIQ – Proposed Bulk and Liquid Management Software** Solution provides complete business process through system process and automation. BLIQ covers all modules of Bulk and Liquid terminal operations which involves, vessel schedule, planning, documentation, gate process, billing, tank operation, transportation process and many more. BLIQ having EDI Engine which can be configure by user and auto schedule based on local needs, UN-EDIFACT requirements, Port Community needs, Custom requirements, line requirements etc. BLIQ designed specifically for Liquid and Bulk. Daily workflow requirements such as Berth Planning, TDR, tariffs handling, estimates, surveys, work orders, status updates, invoices, and statistics.

**BLIQ** design web architecture which can be deploy in Intranet and Internet platform includes cloud architecture.

## Introduction

### Modules covered in BLIQ

- PCS Interface
- Portal for Customer
- Marine Operation
- Vessel Scheduling / Berth planning
- Cargo and Vessel Documentation
- Vessel and Cargo Operations
- TDR Generation
- Gate Operation
- Work Order Generation
- Tariff Handling, Invoicing and Billing
- SAP Interface
- EDI Engine for UN-EDIFACT, PCS and Customs ICEGATE

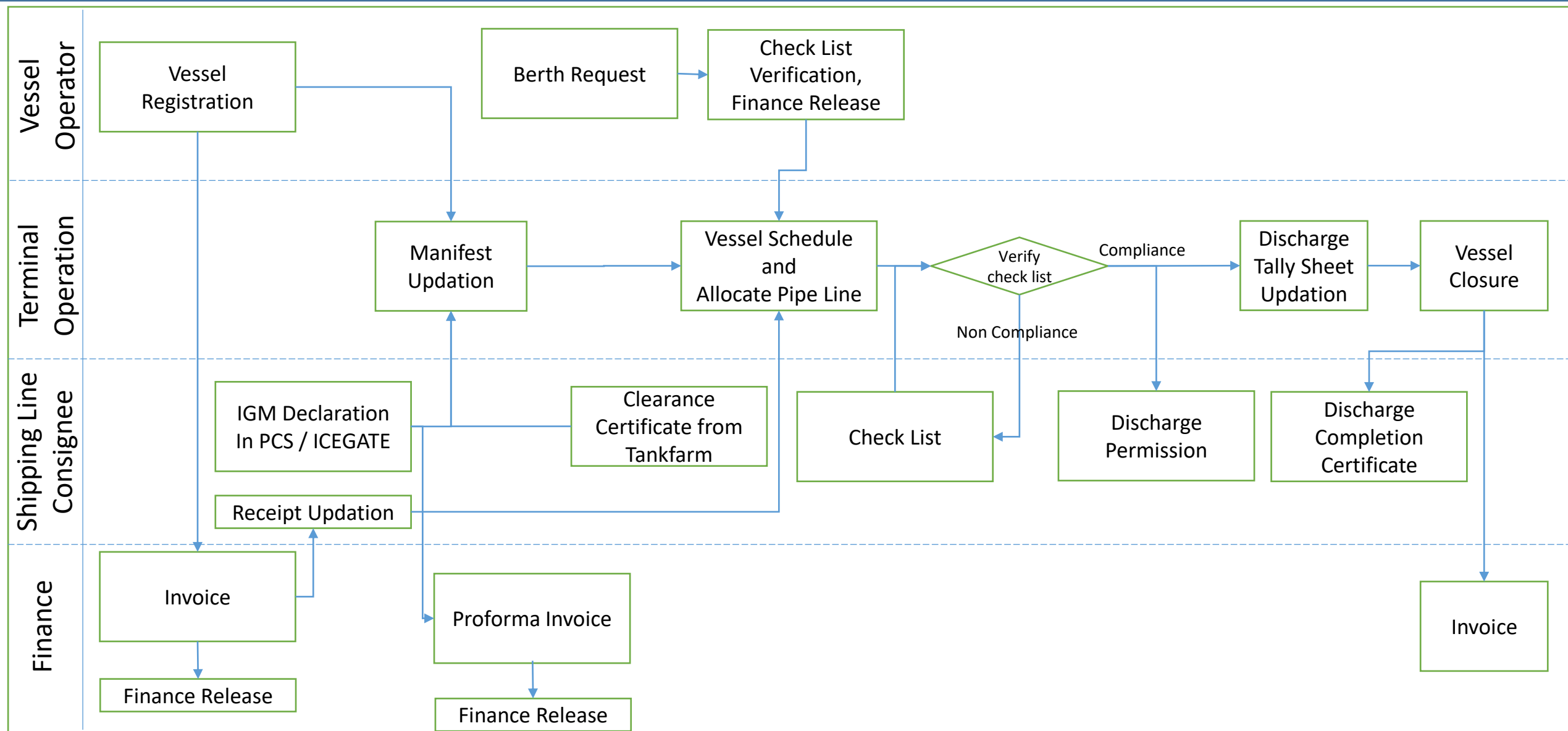
## Salient features and Value Added Services

- **BLIQ** instant alerts and messages to the responsible Managers
- System enable to interface with 3<sup>rd</sup> Party Systems; no manual involvement required for data exchange
- System having facility for auto mailing process; which sends mail to customers and internal users
- System interface with EDI Exchange
- System works on Web architecture with robust technology
- System having internal document management system; which maintains scan pictures; documents with respect to each user interactions
- Customizable solution based on local requirements
- Rich reports and dashboards

## Architecture and Securities

- HTTPS protocol secure the system from hacking and other interference
  - User control and access control availed in the system to provide limited usage to the user
  - Internal audit process maintains each and every activity recorded with time and user
  - Internal algorithm facility availed to avoid data level security
- 
- Operating System for DB Server and Application server is on Windows
  - Database is in MS SQL Server
  - Development is on asp.net framework 4.0 with Angular JS and JQuery

## Process Flow



# Operation Process

## Operations

### Vessel Registration in Portal

- System facilitates to update vessel registration in portal by Vessel Operator / Main Agent.
- If Vessel Profile already exist; system open the respective profile to avoid repeated data entry for vessel operator
- System send mail to respective department for berthing plan and Request confirmation.
- System facilitates to upload Safety Management Certificate Scan copy

IMSBilling/Master Vessel Master

User: admin Change Password Logout Help

Setup Masters Reports

#### Vessel Profile

Vessel Code:

Vessel Type:

Vessel Owner:

Vessel Operator:

Vessel Name:

Country Flag:

Port of Registry:

IMO Number :

Call Sign :

MMSI Number :

Official Number :

P&I :

Certificate Type :

Certificate Upload :

Certificate Number :

LOA :

Beam :

Depth :

GRT :

NRT :

Bridge Position :

Self Sustainable Gear : ☐

Certificate Validity Date :

Last Port	Next Port	ETA	ETB	ETD

Remarks :



## Operations

### Vessel Registration through PCS Message

EDI Exchange							
EDI File	Vessel Name	Vessel Operator	Vessel Type	VOYAGE	VCN NO	Received Date	Status
VESPRO	APL SIGMA	APL	CONTAINER			2/1/2016 13:12	received
VESPRO	MSC ALBANA	MSC	CONTAINER			2/1/2016 13:12	
CALINF	SCI VIRAT	SCI	CONTAINER			2/1/2016 13:12	received
BERMAN	M T SEA FOUTUNE	ASP	LIQUID	A109	A10002	2/1/2016 13:12	received
BERALT	LEWEK LEWEK SHIFT	LLS	BULK	A140	A10020	2/1/2016 13:12	received
PAYSTS	CMACGM MAUPASS ANT	CMA	CONTAINER	A138	A10201	2/1/2016 13:12	received
CALINF	MS EUPHARATES	MSK	CONTAINER			2/1/2016 13:12	received
PAYSTS	E. R. AMSTERDAM	NOL	CONTAINER	A187	A10202	2/1/2016 13:12	received

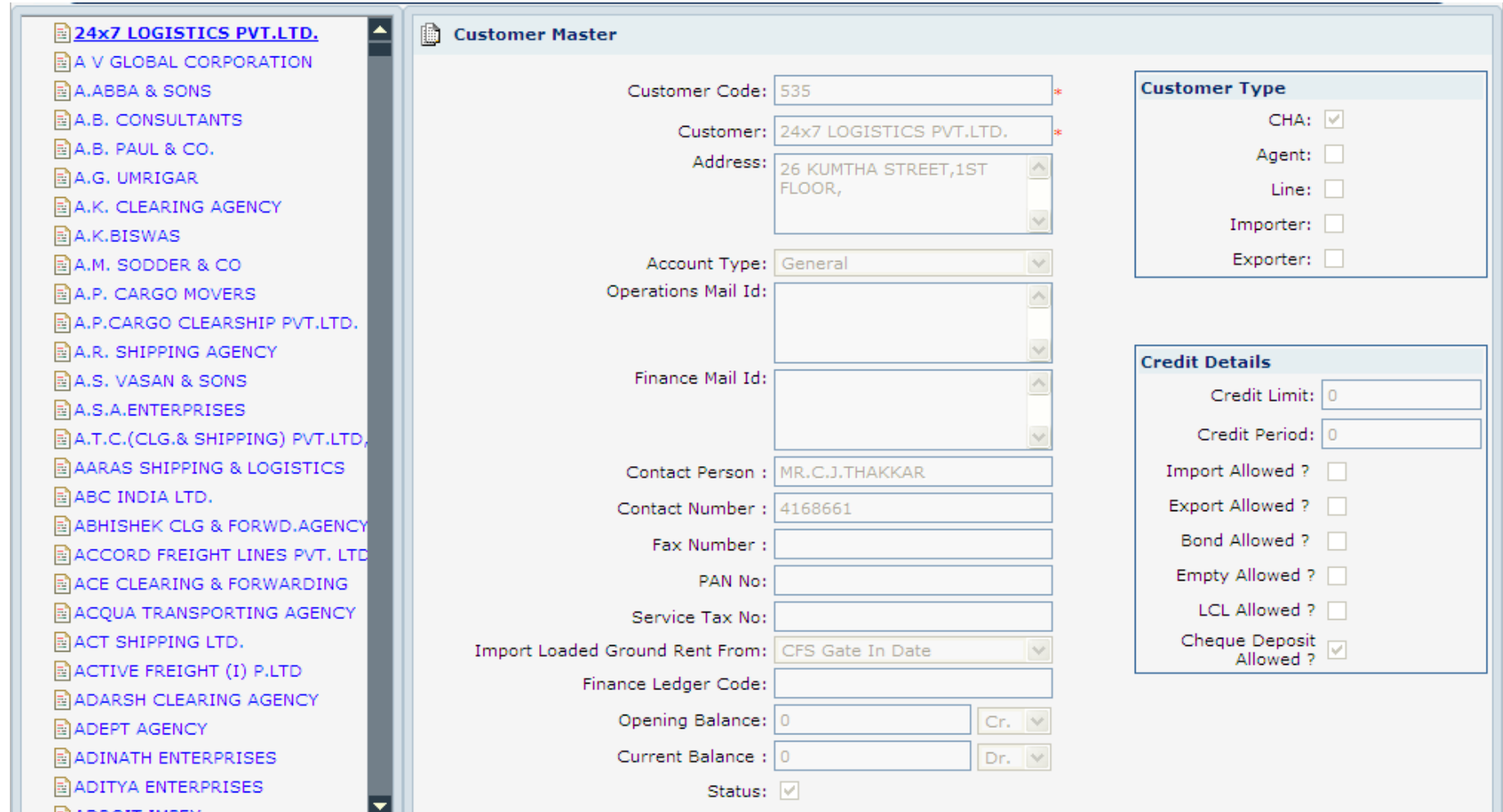
- System facilitates to update vessel registration using PCS EDI Messages
- System facilitates to update information from PCS EDI Message **VESPRO** for the Vessels which are already registered in the Portal
- System capable of handling EDI Messaging with PCS respect to EDI acknowledgment and other processes
- System having feature to update **CALINF** PCS Edi file for VCN allotment
- Portal facilitates to the Vessel Operating Agent to track the status of Vessel Registration and billing
- System sends Message to Operation for CALINF for VCN Allocation. System sends message to Finance for approval

## Master Management

## Operations

### Customer Profile

- System provides to define all customers like Shipping Line, VOA, Agents, Exporters, Importer (Consignee) or CHA
- Customer master interface with finance system using Ledger code mapping
- Credit control facility availed based on duration of open invoices and Credit Values
- System maintain account type as PDA / Credit / General customer with Ledger balances



**Customer Master**

Customer Code: 535 \*

Customer: 24x7 LOGISTICS PVT.LTD. \*

Address: 26 KUMTHA STREET,1ST FLOOR,

Account Type: General

Operations Mail Id:

Finance Mail Id:

Contact Person : MR.C.J.THAKKAR

Contact Number : 4168661

Fax Number :

PAN No:

Service Tax No:

Import Loaded Ground Rent From: CFS Gate In Date

Finance Ledger Code:

Opening Balance: 0 Cr.

Current Balance : 0 Dr.

Status: ☒

**Customer Type**

CHA: ☒

Agent: ☐

Line: ☐

Importer: ☐

Exporter: ☐

**Credit Details**

Credit Limit: 0

Credit Period: 0

Import Allowed ? ☐

Export Allowed ? ☐

Bond Allowed ? ☐

Empty Allowed ? ☐

LCL Allowed ? ☐

Cheque Deposit Allowed ? ☒

## Operations

### Finance Approval

- After **CALINF** received from Vessel Operator, system sends a mail to Finance for the approval. User open the approval screen for Approval
- System shows PDA Balance and Estimated Amount (System generates estimate based on parameters, User can edit the estimated amount)
- If PDA balance less than the required amount, system will not allow to approve the vessel for VCN allotment
- System provides to approve by pressing Approved Button
- System sends mail and intimation to Operations for VCN Allotment

#### Finance Approval

Vessel Name	Vessel Operator	Vessel Type	ETA	ETB	PDA Balance	Estimated Value	Net Balance	Status
APL SIGMA	APL	CONTAINER	2/1/2016 13:12	2/1/2016 13:12	1490000	510000	980000	Approved
MSC ALBANA	MSC	CONTAINER	2/1/2016 13:12	2/1/2016 13:12	3212600	690000	2522600	Approved
SCI VIRAT	SCI	CONTAINER	2/1/2016 13:12	2/1/2016 13:12	1809000	598000	1211000	Approved
MT SEA FOUTUNE	ASP	LIQUID	2/1/2016 13:12	2/1/2016 13:12	2900000	791200	2108800	Approved
LEWEK LEWEK SHIFT	LLS	BULK	2/1/2016 13:12	2/1/2016 13:12	123000	320000	-197000	
CMACGM MAUPASS ANT	CMA	CONTAINER	2/1/2016 13:12	2/1/2016 13:12	3018000	901200	2116800	Approved
MS EUPHARATES	MSK	CONTAINER	2/1/2016 13:12	2/1/2016 13:12	2988000	932000	2056000	Approved
E. R. AMSTERDAM	NOL	CONTAINER	2/1/2016 13:12	2/1/2016 13:12	1804000	480000	1324000	Approved

## Operations

### VCN Number Allotment

- Once Finance Approval done, system populates data for VCN allocation
- User need to update VCN Number, system automatically send CALINV EDI to PCS System
- System automatically send mail to Vessel Operator for VCN allotment confirmation for further process

VCN Nbr Allotment

Vessel Name	Vessel Operator	Vessel Type	VCN NO
APL SIGMA	APL	CONTAINER	
MSC ALBANA	MSC	CONTAINER	
SCI VIRAT	SCI	CONTAINER	
M T SEA FOUTUNE	ASP	LIQUID	A10002
LEWEK LEWEK SHIFT	LLS	BULK	A10020
CMACGM MAUPASS ANT	CMA	CONTAINER	A10201
MS EUPHARATES	MSK	CONTAINER	
E. R. AMSTERDAM	NOL	CONTAINER	A10202

## Operations

### Berthing Request

- System facilitates to download BERMAN PCS Edi file for berthing request
- System facilitates to request through portal also
- System facilitates to upload all the documents required for berth allocation through Portal like Tank Form Readiness, Customs Clearance etc

EDI Exchange							
EDI File	Vessel Name	Vessel Operator	Vessel Type	VOYAGE	VCN NO	Received Date	Status
VESPRO	APL SIGMA	APL	CONTAINER			2/1/2016 13:12	received
VESPRO	MSC ALBANA	MSC	CONTAINER			2/1/2016 13:12	
CALINF	SCI VIRAT	SCI	CONTAINER			2/1/2016 13:12	received
BERMAN	M T SEA FOUTUNE	ASP	LIQUID	A109	A10002	2/1/2016 13:12	received
BERALT	LEWEK LEWEK SHIFT	LLS	BULK	A140	A10020	2/1/2016 13:12	received
PAYSTS	CMACGM MAUPASS ANT	CMA	CONTAINER	A138	A10201	2/1/2016 13:12	received
CALINF	MS EUPHARATES	MSK	CONTAINER			2/1/2016 13:12	received
PAYSTS	E. R. AMSTERDAM	NOL	CONTAINER	A187	A10202	2/1/2016 13:12	received

## Operations

### Cargo Declaration Information upload in Portal

- System facilitates to upload excel file for cargo declaration /IGM details along with references
- System maintain the excel in audit / check list for reference

IGM No	Item No	BL Number	Consignee	CHA	Cargo Description	Quantity	Weight in Mton	Agent	POL	POD	Origin	Destination	Tank Form	Tank Number	HAZ	HAZ Class	IMDG	UN Number

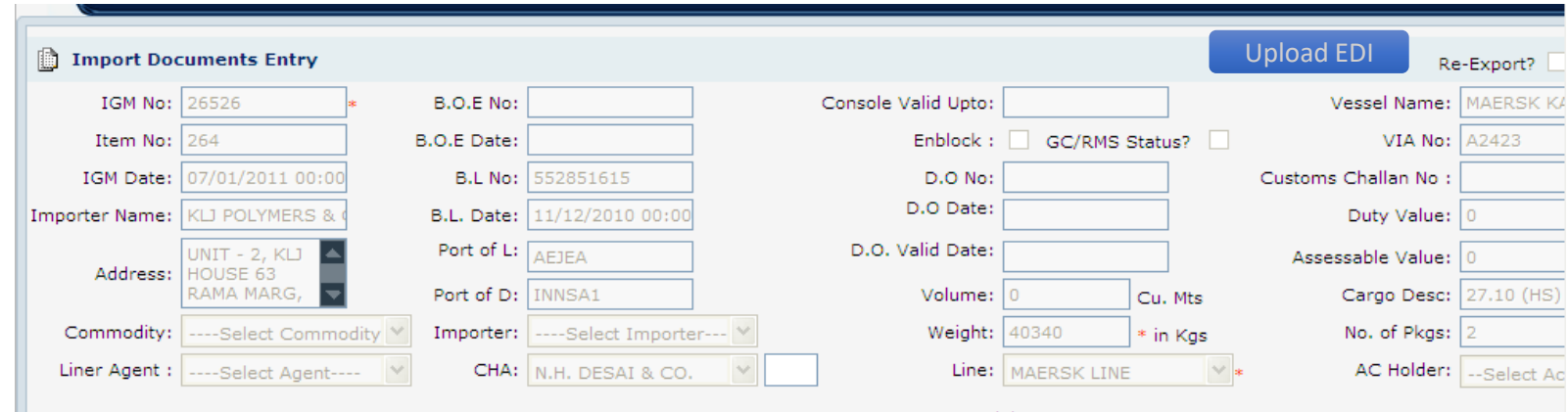
**Import Documents Entry** Back To Port Remark Back to Port Back to Port Transportation : ---Select--- Mode of L

IGM No: *	B.O.E No:	Console Valid Upto:	Vessel Name:	Berthing Date:
Item No:	B.O.E Date:	Enblock : <input type="checkbox"/> GC/RMS Status? <input type="checkbox"/>	VIA No:	Default Custom Exam % : 0
Cont No:		Notify Party	Notify Party Address	
IGM Date:	B.L No:	D.O No:	Customs Challan No :	Perishable ? <input type="checkbox"/>
Importer Name:	B.L. Date:	D.O Date:	Duty Value:	From Location:
Address:	Port of L:	D.O. Valid Date:	Assessable Value:	Package Type:
Commodity: ---Select Commodity---	Port of D:	Volume: Cu. Mts	Cargo Desc:	Console Agent : ---Select Agent---
Liner Agent : ---Select Agent---	Importer: ---Select Importer---	Weight: * in Kgs	No. of Pkgs:	Forwarder : ---Select Forwarder---
LCL Cargo Type: SELECT	CHA: ---Select Cha---	Line: ---Select Line---	AC Holder: --Select Account Holdr	Third Party Account: ---Select Forwarder---
Split Item : <input type="checkbox"/>		SMTP ? <input type="checkbox"/>	TP ? <input type="checkbox"/>	

## Operations

### IGM Filing from Portal

- System facilitates to upload IGM file from Portal for Cargo.
- System facilitates to update manually
- System facilitates to upload the scanned Hard copy of IGM for reference
- Based on IGM file upload; system process the manifest updation for further operation



**Import Documents Entry** Upload EDI Re-Export?

IGM No: 26526 *	B.O.E No:	Console Valid Upto:	Vessel Name: MAERSK KA
Item No: 264	B.O.E Date:	Enblock: <input type="checkbox"/> GC/RMS Status? <input type="checkbox"/>	VIA No: A2423
IGM Date: 07/01/2011 00:00	B.L No: 552851615	D.O No:	Customs Challan No:
Importer Name: KLJ POLYMERS & C	B.L Date: 11/12/2010 00:00	D.O Date:	Duty Value: 0
Address: UNIT - 2, KLJ HOUSE 63 RAMA MARG,	Port of L: AEJEA	D.O Valid Date:	Assessable Value: 0
Commodity: ----Select Commodity--	Port of D: INNSA1	Volume: 0 Cu. Mts	Cargo Desc: 27.10 (HS)
Liner Agent: ----Select Agent----	Importer: ----Select Importer---	Weight: 40340 * in Kgs	No. of Pkgs: 2
	CHA: N.H. DESAI & CO.	Line: MAERSK LINE *	AC Holder: --Select Ac

## Operations

### DO Submission for Cargo Delivery in Portal

- With respect to cargo, DO updation provision in Portal for CHA

**Work Order for Sea Cargo**

IGM No:	<input type="text"/>	Item No:	<input type="text"/>	BL No:	<input type="text"/>	*	Commodity:	<input type="text"/>	
Work Order No:	<input type="text"/>	Vendor:	<input type="text" value="PEARL FREIGHT"/>	*	D.O No:	<input type="text"/>	BOE No:	<input type="text"/>	
Work Order Date:	<input type="text"/>	CHA:	<input type="text"/>	*	D.O Valid Date:	<input type="text"/>	BOE Date:	<input type="text"/>	
Duty Value:	<input type="text"/>	Assessable Value:	<input type="text"/>	GC/RMS Status?	<input type="checkbox"/>	Importer:	<input type="text"/>	Importer Address:	<input type="text"/>
IEC Code:	<input type="text"/>	Remarks:	<input type="text"/>						



## Operations

### Reference Document Check List Updation for Vessel through Portal


- System facilitates to upload vessel Documents in Portal.
- Duty Receipts, Safety Documents able to upload in Check list process
- System allow to upload file in portal; system sends notification to concerned departments for uploaded files
- System facilitates to define documents other than standard requirement
- System facilitates to authenticate the receipt of document from JNPT to customer with digital signature

Check List for Documents					
Vessel Name :	M.T. FRONT ARROW	VIA No:	A0320	VIA Date:	7/1/2016
Document Name	Upload Status	Upload Date	Approval Status	Approval Copy	
VIA FORM	YES	2/1/2016 13:12	Approved	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
COPY OF TONNAGE & ISM CERTIFICATE	NO			<a href="#">Upload File</a>	<a href="#">Download Copy</a>
COPY OF VOUCHER FOR THE PAYMENT OF VRC	YES	2/1/2016 13:12	Pending	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
DECLARATION OF TOTAL QUANTITY TO BE DISCHARGE	YES	2/1/2016 13:12	Approved	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
TANK FORM DECLARATION	YES	2/1/2016 13:12	Approved	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
NOC FROM TANK FARM OPERATION	YES	2/1/2016 13:12	Approved	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
DISCHARGE PERMISSION FOR CUSTOM	YES	2/1/2016 13:12	Approved	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
BILL OF LADING	YES	2/1/2016 13:12	Pending	<a href="#">Upload File</a>	<a href="#">Download Copy</a>
<a href="#">Add New Document</a>					

## Operations

### Wharfage Invoice Generation

- Based on Documentation process, system facilitates to generate invoice for Wharfage and other marine charges
- System able to configure cargo Tariff charges based on different parameters like Cargo Commodity, Weight, Volume etc.
- Once payment done; Finance release activate for the vessel and NOC from Finance will send to Customer. Copy of NOC send to Operation for further process
- System facilitates to upload scan copy of documents for references
- System facilitates to take the invoice copy from portal for payment
- System facilitates to upload NEFT / RTGS payment receipt in portal for further process


**Invoice Proforma Generation**

### Proforma Invoice

Proforma No: 2

Proforma Date : 01/03/2017

Invoice No:

Invoice Date:

Vessel Code/Voyage : TEST2 \*

Vessel Name: MAX PRIDE

Agent: A041 \*

LOA: 129

Billable Details	Qty	Rate	Currency	Currency Rate	Amount	Service Tax	Total Amount
<input type="checkbox"/> Consolidated Marine Charges	1.00	1,800.00	5	1.00	1,800.00	180.00	1,980.00

Total :

180.00

1,980.00

Round Off :

1,980.00

Note:

NOTE: The actual invoice value will

Save

Add Item

Add

Search

Print

Exit

Delete

## Operations

### Payment Receipt Updation in Portal

- System facilitates to update Payment receipt with respect to Pro-forma Invoice or direct payment to the PDA account
- System facilitates to upload NEFT / RTGS payment receipt in portal for further process
- System sends mail to finance for verification
- Once Finance verified the payment acceptance; system facilitates to confirm the payment receipt. PDA will be update automatically

**Import Receipt**

Billing Party :

PDA Amount :

Remarks :

Invoice No	Invoice Ref No	Invoice Date	Invoice Amount	Service Tax	Amount
<input type="checkbox"/> 0	<input type="text"/>	<input type="text"/>	0	0	0
<input type="checkbox"/> 0	<input type="text"/>	<input type="text"/>	0	0	0
<input type="checkbox"/> 0	<input type="text"/>	<input type="text"/>	0	0	0

Invoice Ref No	TDS Type	TDS Customer	Payment Mode	DD / Cheque No	DD / Cheque Date	Bank Details	Amount
--Select--	--Select--	--Select--	Cheque	<input type="text"/>	<input type="text"/>	---Select---	0
--Select--	--Select--	--Select--	Cheque	<input type="text"/>	<input type="text"/>	---Select---	0

## Operations

### Tank Form Readiness Updation

- System maintain Tank Operator Master with Tank specifications
- System maintain Pipe specification and other details in Pipe master
- In portal, system provides to define Tank Readiness details with respect to Vessel
- Once user update readiness, information transfer to operation
- System provides to update confirmation of tank readiness, mail will be sent to appropriate authority

**Tank Form Updation**

Vessel Name :  VIA No:  VIA Date:

Tank Operator	Tank Name	Capacity	Using Pipe	Pipe Type

**Edit Record - Tank Master**

Tank No \*    
 Alias Name    
 Date of Calibration    
 Valid Upto    
 Alias for Bill    
 ID

Volume & Other Details		Calibration details		Hire Details	
Capacity *	2,522,113.000 Ltrs	Class of Storage	A	Junction No	0
Natural Volume	2,522.113 KL	Coated	<input type="checkbox"/>	Type of Coat	<input type="text"/>
Nominal Height	1,010.000 Cms	Custom Approved	<input checked="" type="checkbox"/>	Type of Tank	MS
Reference Height	1,025.800 Cms	Heating Coils	<input type="checkbox"/>	Bldg. Mat. & Coat	<input type="text"/>
Total Height	1,025.800 Cms	Dedicated ?	<input checked="" type="checkbox"/>	Private	<input type="text"/>
Safe Height	930.500 Cms	W. H. Lic	<input type="text"/>	Valid Upto	<input type="text"/>
Volume	2,390.175 KL	Commissioned in	<input type="text"/>	Remark for Empty Tanks	<input type="text"/>
Calibrated Upto	982.500 Cms				
Nominal Internal Dia	18.000 Mtrs				
Pipeline Dia	0.000 Mm				
Length of Pipeline	0.000 Mtrs				

## Operations

### Vessel Readiness Pendency

- System facilitates to monitor Vessel Readiness pendency online for JNPT Operation
- User able to view all documents loaded by Vessel Operator, CHA and other stake owners

Vessel Readiness Pendency						
Vessel name	Vessel Type	VCN No	VOA	ETA	Vessel Document Status	Cargo Document Status
MT SEA FORTUNE	LIQUID	A10002	ASP	2/1/2016 13:12	Completed	Completed
LEWEK LEWEK SHIFT	BULK	A10020	LLS	2/1/2016 13:12	Completed	Pending

Berth Allotment

## Operations

### Berth Planning

- System allows planning department to do Berth Planning for scheduled vessel.
- System validates date and berth clashes and alert to planner
- Anchorage information maintain while planning.

Vessel Schedule

Vessel Code:
Vessel Operator:
Call Sign:
IMO Number:
Official Number:
MMSI Number:

Name:
LOA:
GRT:
NRT:
Registered Port:

Type:
Beam:
Announced By:
Owner:
Country Flag:

In Voyage:
In Call:
Out Voyage:
Out Call:
Port Voyage #:
Port Rotation #:
Dangerous Goods?:
Security Level:
Master Name:

Previous Port:
Next Port:
Side:
Berthing Quay:
Arrival Draft:
Departure Draft:
Berthing Port:
Safety Officer:
Current Status:

Bollard From:
Bollard To:
Bow:
Bridge Position:
Stern:
Clearance Fwd:
Clearance Aft:
Crew Numbers:

Arrival Time Sheet

	Estimated	Actual
ETA		
Anchorage Arrival		
Anchorage Departure		
Berthing Time		

Departure Time Sheet

	Estimated	Actual
ATA		
Anchorage Arrival		
Anchorage Departure		
Berthing Time		

Save

Cancel

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## Operations

### Confirmation for Vessel Operation

- System facilitates to verify all required document and facilitates operations department to release for load and discharge process
- System allows only after Finance release and required document submission

**Vessel Schedule**
Ready for Vessel Operation

Vessel Code:

Vessel Operator: ---Select Vessel Operator---

Call Sign:

IMO Number:

Official Number:

MMSI Number:

In Voyage:  \*

In Call:

Out Voyage:

Out Call:

Port Voyage #:

Port Rotation #:

Dangerous Goods?: ☐

Security Level: Level - 1

Master Name:

Name:  x >

LOA: ABIS CARDIFF  
ABOU KARIM  
ABIS ALBUFEIRA  
ABDULRAHMAN KING

GRT:

NRT:

Registered Port:

Previous Port:

Next Port:

Side: ---Select Berthing Side---

Berthing Quay: ---Select Quay---

Arrival Draft:

Departure Draft:

Berthing Port:

Safety Officer:

Current Status:

Type:

Beam:

Announced By:

Owner:

Country Flag:

Bollard From: ---Select---  meters

Bollard To: ---Select---  meters

Bow:

Bridge Position:   meters

Stern:

Clearance Fwd:

Clearance Aft:

Crew Numbers:

Arrival Time Sheet			
	Estimated	Actual	
ETA	<input type="text"/> <input type="text"/> <input type="text"/>	ATA	<input type="text"/> <input type="text"/> <input type="text"/>
Anchorage Arrival	<input type="text"/> <input type="text"/> <input type="text"/>	Anchorage Arrival	<input type="text"/> <input type="text"/> <input type="text"/>
Anchorage Departure	<input type="text"/> <input type="text"/> <input type="text"/>	Anchorage Departure	<input type="text"/> <input type="text"/> <input type="text"/>
Berthing Time	<input type="text"/> <input type="text"/> <input type="text"/>	Berthing Time	<input type="text"/> <input type="text"/> <input type="text"/>

Departure Time Sheet			
	Estimated	Actual	
Berth Dept Time	<input type="text"/> <input type="text"/> <input type="text"/>	Berth Dept Time	<input type="text"/> <input type="text"/> <input type="text"/>
Anchorage Arrival	<input type="text"/> <input type="text"/> <input type="text"/>	Anchorage Arrival	<input type="text"/> <input type="text"/> <input type="text"/>
Anchorage Departure	<input type="text"/> <input type="text"/> <input type="text"/>	Anchorage Departure	<input type="text"/> <input type="text"/> <input type="text"/>
ETD	<input type="text"/> <input type="text"/> <input type="text"/>	ATD	<input type="text"/> <input type="text"/> <input type="text"/>

Save
Cancel

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## Operations

### Vessel Closure

- System facilitates close vessel operation which includes
- Marine Service
- Cargo Operation (Bulk or Liquid)
- Vessel Schedule Closing
- System facilitates to upload documents related to discharge tally sheet; load tally sheet and other references
- System sends notification to customer and Finance for billing

Operation Job Orders Finance Setup Masters Reports

**Vessel Closure** Vessel Closed : ☐

Voyage No:  Vessel Name:  Vessel Operator:  Billing Party:    
Vessel Length:  Announced By:  Owner:  Vessel Type:    
In Voyage:  Port Voyage #:  Previous Port:  Next Port:    
In Call:  Port Rotation #:  Berthing Quay:  Bollard From:  meters   
Out Voyage:  Arrival Draft:  Side:  Bollard To:  meters   
Out Call:  Departure Draft:  Current Status:  Dangerous Goods?: ☐

Arrival Time Sheet				Departure Time Sheet			
Estimated		Actual		Estimated		Actual	
ETA:	<input type="text"/>	ATA:	<input type="text"/>	Berth Dept Time:	<input type="text"/>	Berth Dept Time:	<input type="text"/>
Anchorage Arrival Time:	<input type="text"/>	Anchorage Arrival Time:	<input type="text"/>	Anchorage Arrival Time:	<input type="text"/>	Anchorage Arrival Time:	<input type="text"/>
Anchorage Dept Time:	<input type="text"/>	Anchorage Dept Time:	<input type="text"/>	Anchorage Dept Time:	<input type="text"/>	Anchorage Dept Time:	<input type="text"/>
Berthing Time:	<input type="text"/>	Berthing Time:	<input type="text"/>	BTD:	<input type="text"/>	ATD:	<input type="text"/>

**Arrival Job Orders**

JobDetails	Resource	Sch. Start time	Sch. End time	Booked By	Job Allocated Time	Depart from Base Station	Arrival at Vessel	Job Completion Time	Back to Base Station	Delay Time	Internal/ External	Remark
				0							External	
				0							External	
				0							External	
				0							External	

**Departure Job Orders**

JobDetails	Resource	Sch. Start time	Sch. End time	Booked By	Job Allocated Time	Depart from Base Station	Arrival at Vessel	Job Completion Time	Back to Base Station	Delay Time	Internal/ External	Remark
				0							External	
				0							External	
				0							External	
				0							External	

**Other Job Orders**

JobDetails	Resource	Sch. Start time	Sch. End time	Job Start Time	Job End Time	Qty
						0
						0
						0
						0


Search Exit



## Operations

### Final Billing

- System facilitates to generate final invoice based on IGM filing, cargo declaration and operation
- System facilitates to generate invoice for Vessel Operation and Cargo Operation such as Port Dues, Pilotage, Berth Hire, Cargo Handling etc

 **Invoice Generation**

**Invoice**

Invoice No:

Vessel Code/Voyage:  \*

Agent:  \*

Vessel Name:

LOA:

Billable Details	Qty	Rate	Amount	VAT	Total Amount
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Total :

Round Off :

Note:

Add

Search

Delete

Exit

## Reports

### Operational Reports

- Vessel Schedule Report
- DPR – Daily Performance Report
- Terminal Departure Report
- Berth Occupancy Report
- Gate in Report
- Gate Out Report
- MIS Report
- Wizard for user driven report management

## Reports

### Finance Reports

- Invoice Register
- Estimation approval Pendency Report
- NOC Report
- Invoice Pendency Report
- Reconciliation Report
- Vendor Payment and Activity Report

# Thank You