

# Requirement Specification

For

PHX-38816

As a system, Phoenix should have a new web service to receive LCL/FCL Booking information from the third party

Version 0.2

Prepared By

Scan-IT

## Change History

Date	Version	Description	Updated by
09-09-2020	0.1	Initial draft	Scan-IT
15-09-2020	0.2	Revised as per feedback	Scan-IT

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**Jira Summary**

JIRA ID	Type	Summary	Page No.	Customer Approval Date	Estimate(Hours)
<a href="#">PHX-38816</a>	New Feature	As a system, Phoenix should have a new web service to receive LCL/FCL Booking information from the third party	5 to 20		TBD



## 1. Introduction

### 1.1. Executive Summary, Description & Objective (Business Requirement) \*

Currently, Phoenix is receiving Booking information via a legacy function from a third party like STI/SSC Online.

### 1.2. Project Scope \*

#### 1.2.1. In Scope

- A. Phoenix will have a new web service to receive LCL/FCL Booking information from a third party.
- B. This new web service will perform the below activities:
  - a. Validate data type and length of each parameter of web service & send a response if any errors. Booking will not be added to Phoenix if an error is found.
  - b. Insert Booking information in the Phoenix database.
  - c. Stamp notes in Booking as per existing function for below events:
    - i. Preliminary Booking Created
    - ii. ECOM Note (for below information)
      - 1. Cargo Details
      - 2. Hazardous Details
      - 3. Remarks
      - 4. HS Code
      - 5. Notes
      - 6. AES
      - 7. Assured Party
      - 8. Commercial Invoice Value
      - 9. Rate Details
- C. The system will display consolidated cargo details in Phoenix, Booking screen if received multiple line items from a third party (Same as the existing function while receiving Booking from STI/SSC Online).
- D. The system will display additional information in Phoenix – Booking screen as per the existing function when the user will open Booking the first time in the Phoenix screen. Example: Display Customer Details, Sales Representative based on received Customer Code.
- E. The system will add booking information in the EMT environment as well, as per the existing function (recently implemented logic in the legacy function while receiving Booking from the third party).

#### 1.2.2. Out of Scope

- A. The web service will not perform any data validation of the information received.
- B. Phoenix is not receiving Booking information from Scan-Shipping Online currently.
- C. No Changes in the existing function of receiving Online/EDI Booking in Phoenix.
- D. No Changes in the existing function of transmitting Booking XML to SACO.
- E. No Changes in the existing function of transmitting Booking from Phoenix, Booking screen.
- F. No Changes in the existing function of Shipment Transfer.
- G. No Changes in the Booking.
- H. No Changes in the Single Lot.
- I. No Changes in the Bill of Lading.



- J. No Changes in the Export File.
- K. No Change in Import File.
- L. No Changes in the Arrival Notice.
- M. No Changes in Cargo Load Plan.
- N. No Changes in any export and import documents.
- O. No Changes in the timeline.
- P. No Change in eDocs.
- Q. No Change in the Basic and advanced search.
- R. No changes in the old e-docs center.
- S. No changes in existing functionalities; Ocean, Airfreight, Accounting, Finance, etc. Some of the existing functionalities are as follows;
  - a) Common module - Shipment Search, Organization Search, Rate Search, etc.
  - b) Ocean module - Quote, Single Lot, File Setup, Arrival Notice, Cargo Planning, etc.
  - c) Airfreight module - Booking/Shipment, International Master Consol, Warehouse, Profit Share, Air Import
  - d) Finance module - Credit/Debit Invoice, Cash Receipts, Return Check Processing, Voucher Processing, etc.
  - e) Dashboard - Task Manager Dashboards, Agent Balance Dashboard, File Profitability Dashboard, Ocean Volume Dashboard, etc.
- T. No change in existing statistical reports and documents. Some of the existing reports and documents are as follows;
  - a) Reports (Customer Statements, Customer Analysis, Invoice Posting Report, Invoice Aging Report, etc.)
  - b) Documents (Invoice Documents, Booking Confirmation Document, Quote Confirmation Document, Trucking Instruction Document, Cargo Receipt Notification Document, Bill of Lading Document, Arrival Notice Document, Export, and Import Manifest Documents, AWB Document, etc.)

### 1.2.3. References

N/A

## 2. Functional Requirement \*

### 2.1. Feature Toggle

#### 2.1.1. Toggle Tree

Parent	Child
N/A	N/A

#### 2.1.2. Toggle Description

Feature Toggle Name	Toggle Description	Toggle Level	Default Value
N/A	N/A	N/A	N/A

## 2.2. Functional

### A. List of web service parameters.

Parameter	Mandatory?	Database Type/Max Length	Sample Value	Case Sensitive	Multiple Occurrence
Main Details					
type	M	VARCHAR2(1 CHAR)	F	N	
bookingNumber	M	NUMBER(8)	10578572	N	
quoteNumber	O	NUMBER(8)	10455893	N	
terms	O	VARCHAR2(4 CHAR)	CFCF	N	
carrierCode	O	VARCHAR2(10 CHAR)	HDMU	N	
carrierBookingNumber	O	VARCHAR2(30 CHAR)	TXLB436534	N	
serviceContract	O	VARCHAR2(20 CHAR)	78412	N	
userReference	O	VARCHAR2(40 CHAR)	XYZ	N	
clauseCode	O	VARCHAR2(40 CHAR)	CHINA	N	Yes upto 5
clauseName	O	VARCHAR2(40 CHAR)	CUST.CLR.CLAUSE	N	
clauseDescription	O	VARCHAR2(2000 CHAR)	CARGO MUST CLEAR AT PORT OF DISCHARGE- CANNOT BE MOVED IN BOND.	N	
pickupNeeded	O	VARCHAR2(1 CHAR)	Y	N	
prepaidCollect	O	VARCHAR2(1 CHAR)	P	N	
controllingEntity	O	VARCHAR2(5 CHAR)	ORG DEST WWA	N	
rateControllingEntity	O	VARCHAR2(10 CHAR)	ORG DEST WWA	N	
modeOfTransport	O	VARCHAR2(20 CHAR)	Ocean	N	
directLoading	O	VARCHAR2(1 CHAR)	N	N	
billingCompany	O	VARCHAR2(100 CHAR)	01 - SHIPCO TRANSPORT INC	N	
handlingOffice	M	VARCHAR2(4 CHAR)	HOU	N	
status	O	VARCHAR2(1 CHAR)	I	N	
createdBy	O	VARCHAR2(50 CHAR)	ECOM	N	
createdOn	O	DATE	29-May-20	N	
receivedFrom	O	VARCHAR2(10 CHAR)	S/E	N	
wwaAppType	O	VARCHAR2(2 CHAR)	MO/ME	N	
source	O	VARCHAR2(20 CHAR)	globeassist/stionline/ssconline/scanonline	N	
Document Details					
type	O	VARCHAR2(100 CHAR)	Shipping Instruction	N	Yes
reference	O	VARCHAR2(40 CHAR)	10578572	N	
requiredByDate	O	DATE	11-Jun-20	N	
requiredByTime	O	VARCHAR2(7 CHAR)	5:00pm	N	
receivedDate	O	DATE	11-Jun-20	N	
receivedTime	O	VARCHAR2(7 CHAR)	07:38PM	N	
expirationDate	O	DATE	11-Jun-20	N	
customsOffice	O	VARCHAR2(12 CHAR)		N	
comments	O	VARCHAR2(200 CHAR)		N	
document	O	BLOB		N	
Customer Details					
customerCode	M	VARCHAR2(10 CHAR)	AIRGRPHOU	N	
customerName	O	VARCHAR2(40 CHAR)	RADIANT GLOBAL LOGISTICS, INC.	N	
customerAddress1	O	VARCHAR2(40 CHAR)	RADIANT CONTAINER LINES	N	

customerAddress2	O	VARCHAR2(40 CHAR)	2700 GREENS ROAD	N	
customerAddress3	O	VARCHAR2(40 CHAR)	SUITE 300 BUILDING E	N	
customerPhone	O	VARCHAR2(40 CHAR)	1-718-917-8610	N	
customerFax	O	VARCHAR2(40 CHAR)	1-516-371-2979	N	
customerNamedAccountCode	O	VARCHAR2(100 CHAR)	FEDMU	N	
customerNamedAccountName	O	VARCHAR2(100 CHAR)	Federal Mogul	N	
customerContactName	O	VARCHAR2(40 CHAR)	KATHRYN RODRIGUEZ	N	
customerTelephoneNumber	O	VARCHAR2(20 CHAR)	281-449-7000	N	
customerMobileNumber	O	VARCHAR2(20 CHAR)	281-449-7000	N	
customerEmail	O	VARCHAR2(200 CHAR)	KRODRIGUEZ@AIRGROUP-IAH.COM	N	
customerReference	O	VARCHAR2(80 CHAR)	CUSTREF	N	
shipperCode	O	VARCHAR2(10 CHAR)	TESTATSSH	N	
shipperName	O	VARCHAR2(40 CHAR)	RADIANT GLOBAL LOGISTICS, INC.	N	
shipperAddress1	O	VARCHAR2(40 CHAR)	RADIANT CONTAINER LINES	N	
shipperAddress2	O	VARCHAR2(40 CHAR)	2700 GREENS ROAD	N	
shipperAddress3	O	VARCHAR2(40 CHAR)	SUITE 300 BUILDING E	N	
shipperContact	O	VARCHAR2(40 CHAR)	TESTATSSH	N	
shipperPhone	O	VARCHAR2(40 CHAR)	1-718-917-8610	N	
shipperFax	O	VARCHAR2(40 CHAR)	1-516-371-2979	N	
shipperNamedAccountCode	O	VARCHAR2(100 CHAR)	FEDMU	N	
shipperNamedAccountName	O	VARCHAR2(100 CHAR)	Federal Mogul	N	
shipperReference	O	VARCHAR2(80 CHAR)	SHPREF	N	
consigneeCode	O	VARCHAR2(10 CHAR)	TESTFIONA	N	
consigneeName	O	VARCHAR2(40 CHAR)	RADIANT GLOBAL LOGISTICS, INC.	N	
consigneeAddress1	O	VARCHAR2(40 CHAR)	RADIANT CONTAINER LINES	N	
consigneeAddress2	O	VARCHAR2(40 CHAR)	2700 GREENS ROAD	N	
consigneeAddress3	O	VARCHAR2(40 CHAR)	SUITE 300 BUILDING E	N	
consigneeContact	O	VARCHAR2(40 CHAR)	TESTATSSH	N	
consigneePhone	O	VARCHAR2(40 CHAR)	1-718-917-8610	N	
consigneeFax	O	VARCHAR2(40 CHAR)	1-516-371-2979	N	
consigneeNamedAccountCode	O	VARCHAR2(100 CHAR)	FEDMU	N	
consigneeNamedAccountName	O	VARCHAR2(100 CHAR)	Federal Mogul	N	
consigneeReference	O	VARCHAR2(80 CHAR)	CONREF	N	
forwarderCode	O	VARCHAR2(10 CHAR)	TESTFIONA	N	
forwarderName	O	VARCHAR2(40 CHAR)	RADIANT GLOBAL LOGISTICS, INC.	N	
forwarderAddress1	O	VARCHAR2(40 CHAR)	RADIANT CONTAINER LINES	N	
forwarderAddress2	O	VARCHAR2(40 CHAR)	2700 GREENS ROAD	N	
forwarderAddress3	O	VARCHAR2(40 CHAR)	SUITE 300 BUILDING E	N	
forwarderPhone	O	VARCHAR2(40 CHAR)	1-718-917-8610	N	
forwarderContact	O	VARCHAR2(40 CHAR)	TESTATSSH	N	
forwarderReference	O	VARCHAR2(80 CHAR)	FWREF	N	
purchaseOrder	O	VARCHAR2(20 CHAR)	PO	N	
trackingCode1	O	VARCHAR2(20 CHAR)	TCAIST	N	
trackingCode2	O	VARCHAR2(20 CHAR)	TCAIST	N	
wwaReference	M	VARCHAR2(30 CHAR)	10578572USHOU01	N	
<b>Routing Details</b>					
preCarriageType	O	VARCHAR2(6 CHAR)	Vessel	N	
preCarriageBy	O	VARCHAR2(60 CHAR)	VILIIA	N	
vesselCode	O	VARCHAR2(10 CHAR)	9806081	N	



vesselName	O	VARCHAR2(50 CHAR)	ONE CYGNUS	N	
voyage	O	VARCHAR2(10 CHAR)	005W	N	
placeOfReceiptCode	O	VARCHAR2(4 CHAR)	DLS	N	
placeOfReceiptName	O	VARCHAR2(40 CHAR)	HASLET, TX	N	
placeOfReceiptEtd	O	DATE	10-Jun-20	N	
consolidationCfsCode	O	VARCHAR2(5 CHAR)	GUR	N	
consolidationCfsName	O	VARCHAR2(40 CHAR)	LA GUAIRA	N	
consolidationCfsETD	O	DATE	5-Jun-20	N	
portOfLoadingCode	O	VARCHAR2(4 CHAR)	LGB	N	
portOfLoadingName	O	VARCHAR2(40 CHAR)	LONG BEACH,CA	N	
portOfLoadingEts	O	DATE	22-Jun-20	N	
transshipmentPort1	O	VARCHAR2(5 CHAR)	LGB	N	
transshipmentPort1Name	O	VARCHAR2(40 CHAR)	LONG BEACH,CA	N	
transshipmentPort1Eta	O	DATE	44004	N	
transshipmentPort12	O	VARCHAR2(5 CHAR)	LGB	N	
transshipmentPort2Name	O	VARCHAR2(40 CHAR)	LONG BEACH,CA	N	
transshipmentPort2Eta	O	DATE	44004	N	
transshipmentPort3	O	VARCHAR2(5 CHAR)	LGB	N	
transshipmentPort3Name	O	VARCHAR2(40 CHAR)	LONG BEACH,CA	N	
transshipmentPort3Eta	O	DATE	44004	N	
portOfDischargeCode	O	VARCHAR2(4 CHAR)	YOK	N	
portOfDischargeName	O	VARCHAR2(40 CHAR)	YOKOHAMA	N	
portOfDischargeEta	O	DATE	7-Jul-20	N	
deconsolidationCfsCode	O	VARCHAR2(5 CHAR)	DLL	N	
deconsolidationCfsName	O	VARCHAR2(40 CHAR)	THE DALLES, OR	N	
deconsolidationCfsEta	O	DATE	7-Jul-20	N	
destinationCfsCode	O	VARCHAR2(5 CHAR)	ACM	N	
destinationCfsName	O	VARCHAR2(40 CHAR)	CHASKA,MN	N	
destinationCfsEta	O	DATE	7-Jul-20	N	
placeOfDeliveryCode	O	VARCHAR2(4 CHAR)	YOK	N	
placeOfDeliveryName	O	VARCHAR2(40 CHAR)	YOKOHAMA	N	
placeOfDeliveryEta	O	DATE	7-Jul-20	N	
locationInformationPublic	O	VARCHAR2(2000 CHAR)	AS FROM MARCH 1ST, 2014 AFR - ADVANCE FILING RULES TO JAPAN REQUIRE TO PROVIDE FOLLOWING INFO BEFORE DOCUMENTATION	N	
locationInformationPrivate	O	VARCHAR2(2000 CHAR)		N	
warehouseCode	O	VARCHAR2(10 CHAR)	YOUNWH - YOUNGS TRANSPORT LTD	N	
warehouseName	O	VARCHAR2(100 CHAR)	YOUNWH - YOUNGS TRANSPORT LTD	N	
deliveryReference	O	VARCHAR2(25 CHAR)	77436/89548110	N	
routingDetailsDeliveryDate	O	DATE	4-Jun-20	N	
routingDetailsDeliveryTime	O	VARCHAR2(7 CHAR)	12:00	N	
documentDeliveryCode	O	VARCHAR2(20 CHAR)	BALCO	N	
documentDeliveryName	O	VARCHAR2(200 CHAR)	BALTCOM	N	
documentDeliveryContact	O	VARCHAR2(200 CHAR)	JEAN/IBIS	N	
documentCutoffDate	O	DATE	12-Jun-20	N	
documentCutoffTime	O	VARCHAR2(7 CHAR)	12:00PM	N	
<b>Equipment Details</b>					
pickupContainerAtCode	O	VARCHAR2(10 CHAR)	BNSFDLS	N	
pickupContainerAtName	O	VARCHAR2(40 CHAR)	BNSF RAILROAD-ALLIANCE (FAC: T926)	N	
pickupContainerAtAddress1	O	VARCHAR2(40 CHAR)	1111 INTERMODAL PARKWAY	N	
pickupContainerAtAddress2	O	VARCHAR2(40 CHAR)	HASLET TX 76052	N	
pickupContainerAtAddress3	O	VARCHAR2(40 CHAR)		N	

pickupContainerAtState	O	VARCHAR2(5 CHAR)		N	
pickupContainerAtZipCode	O	VARCHAR2(40 CHAR)		N	
pickupContainerAtPhone	O	VARCHAR2(40 CHAR)	817-224-7164	N	
pickupContainerAtDate	O	DATE	18-Aug-20	N	
pickupContainerAtTimeFrom	O	VARCHAR2(7 CHAR)	10:00AM	N	
pickupContainerAtTimeTo	O	VARCHAR2(7 CHAR)	10:15am	N	
pickupChassisAtCode	O	VARCHAR2(10 CHAR)	AAFNM	N	
pickupChassisAtName	O	VARCHAR2(40 CHAR)	BNSF RAILROAD-ALLIANCE (FAC: T926)	N	
pickupChassisAtAddress1	O	VARCHAR2(40 CHAR)	1111 INTERMODAL PARKWAY	N	
pickupChassisAtAddress2	O	VARCHAR2(40 CHAR)	HASLET TX 76052	N	
pickupChassisAtAddress3	O	VARCHAR2(40 CHAR)		N	
pickupChassisAtState	O	VARCHAR2(5 CHAR)		N	
pickupChassisAtPhone	O	VARCHAR2(40 CHAR)	817-224-7164	N	
pickupChassisAtDate	O	DATE	19-Aug-20	N	
pickupChassisAtTimeFrom	O	VARCHAR2(7 CHAR)	11:00AM	N	
pickupChassisAtTimeTo	O	VARCHAR2(7 CHAR)	11:15am	N	
returnContainerTo	O	VARCHAR2(10 CHAR)	BNSFDLS	N	
returnContainerToName	O	VARCHAR2(100 CHAR)	BNSF RAILROAD-ALLIANCE (FAC: T926)	N	
returnContainerToAddress1	O	VARCHAR2(40 CHAR)	1111 INTERMODAL PARKWAY	N	
returnContainerToAddress2	O	VARCHAR2(40 CHAR)	HASLET TX 76052	N	
returnContainerToAddress3	O	VARCHAR2(40 CHAR)		N	
returnContainerToContact	O	VARCHAR2(20 CHAR)		N	
returnContainerToPhone	O	VARCHAR2(40 CHAR)	817-224-7164	N	
returnContainerToDeliveryDate	O	DATE	20-Aug-20	N	
returnContainerToDeliveryTimeFrom	O	VARCHAR2(7 CHAR)	4:30PM	N	
returnContainerToDeliveryTimeTo	O	VARCHAR2(7 CHAR)	4:45am	N	
returnChassisToCode	O	VARCHAR2(20 CHAR)	TGETXIMP	N	
returnChassisToName	O	VARCHAR2(40 CHAR)	BNSF RAILROAD-ALLIANCE (FAC: T926)	N	
returnChassisToAddress1	O	VARCHAR2(40 CHAR)	1111 INTERMODAL PARKWAY	N	
returnChassisToAddress2	O	VARCHAR2(40 CHAR)	HASLET TX 76052	N	
returnChassisToAddress3	O	VARCHAR2(40 CHAR)		N	
returnChassisToState	O	VARCHAR2(5 CHAR)		N	
returnChassisToZipCode	O	VARCHAR2(40 CHAR)		N	
returnChassisToPhone	O	VARCHAR2(40 CHAR)	817-224-7164	N	
returnChassisToDeliveryDate	O	DATE	21-Aug-20	N	
returnChassisToDeliveryTimeFrom	O	VARCHAR2(7 CHAR)	12:00PM	N	
returnChassisToDeliveryTimeTo	O	VARCHAR2(7 CHAR)	12:30am	N	
<b>Trucking Details</b>					
pickupCargoAtCode	O	VARCHAR2(10 CHAR)	AIRESCIM	N	
pickupCargoAtName	O	VARCHAR2(40 CHAR)	BNSF RAILROAD-ALLIANCE (FAC: T926)	N	
pickupCargoAtAddress1	O	VARCHAR2(40 CHAR)	1111 INTERMODAL PARKWAY	N	
pickupCargoAtAddress2	O	VARCHAR2(40 CHAR)	HASLET TX 76052	N	
pickupCargoAtAddress3	O	VARCHAR2(40 CHAR)		N	
pickupCargoAtContact	O	VARCHAR2(40 CHAR)		N	
pickupCargoAtPhone	O	VARCHAR2(40 CHAR)	817-224-7164	N	
truckerCode	O	VARCHAR2(10 CHAR)	ITGCHI	N	
truckerName	O	VARCHAR2(40 CHAR)	ITG TRANSPORTATION SERVICES, INC.	N	
truckerAddress	O	VARCHAR2(40 CHAR)	1500 EISENHOWER LANE	N	
truckerCity	O	VARCHAR2(40 CHAR)	SUITE 100	N	
truckerZipCode	O	VARCHAR2(40 CHAR)	LISLE IL 60532	N	
truckerContact	O	VARCHAR2(40 CHAR)	DEBBIE WIORA	N	
truckerPhone	O	VARCHAR2(40 CHAR)	1-630-725-4684	N	
pickupInstructions1	O	VARCHAR2(78 CHAR)	**HAZMAT**	N	
pickupInstructions2	O	VARCHAR2(78 CHAR)		N	



pickupInstructions3	O	VARCHAR2(78 CHAR)		N	
pickupInstructions4	O	VARCHAR2(78 CHAR)		N	
pickupDate	O	DATE	6-Jun-20	N	
pickupTimeFrom	O	VARCHAR2(7 CHAR)	2:00AM	N	
pickupTimeTo	O	VARCHAR2(7 CHAR)	2:00PM	N	
deliveryDate	O	DATE	11-Jun-20	N	
deliveryTime	O	VARCHAR2(7 CHAR)	22:15	N	
Trucking Charge Details					
chargeCode	O	VARCHAR2(4 CHAR)	TRU	N	Yes
chargeDescription	O	VARCHAR2(50 CHAR)	TRUCKING	N	
currency	O	VARCHAR2(3 CHAR)	USD	N	
income	O	NUMBER(25,2)	3	N	
expense	O	NUMBER(25,2)	1	N	
Cargo Details					
Actual					
marksAndNumbers	O	VARCHAR2(200 CHAR)	STERIS	N	
pieces	O	NUMBER(6)	1	N	
lotComments	O	VARCHAR2(40 CHAR)	Bonded	N	
packaging	O	VARCHAR2(40 CHAR)	Crates	N	
numberOfContainers1	O	NUMBER(3)	1	N	
containerSize1	O	VARCHAR2(3 CHAR)	20	N	
containerType1	O	VARCHAR2(10 CHAR)	STD	N	
numberOfContainers2	O	NUMBER(6)	22	N	
containerSize2	O	VARCHAR2(3 CHAR)	20	N	
containerType2	O	VARCHAR2(10 CHAR)	STD	N	
numberOfContainers3	O	NUMBER(6)	33	N	
containerSize3	O	VARCHAR2(3 CHAR)	20	N	
containerType3	O	VARCHAR2(3 CHAR)	STD	N	
descriptionOfGoods1	O	VARCHAR2(35 CHAR)	CLASS 8, UN1908	N	
descriptionOfGoods2		VARCHAR2(35 CHAR)	CLASS 8, UN1908	N	
descriptionOfGoods3		VARCHAR2(35 CHAR)	CLASS 8, UN1908	N	
descriptionOfGoods4		VARCHAR2(35 CHAR)	CLASS 8, UN1908	N	
descriptionOfGoods5	O	VARCHAR2(35 CHAR)	CLASS 8, UN1908	N	
WeightKg	O	NUMBER(12,3)	1	N	
VolumeCbm	O	NUMBER(12,3)	2	N	
WeightLbs	O	NUMBER(12,3)	2.205	N	
VolumeCbf	O	NUMBER(12,3)	70.629	N	
hazardousFlag	O	VARCHAR2(3 CHAR)	Y/N/E/L	N	
Actual - Hazardous Details					
imoClass	O	VARCHAR2(20 CHAR)	8.0	N	Yes
imoSubclass	O	VARCHAR2(20 CHAR)	1.3G	N	
unNumber	O	VARCHAR2(10 CHAR)	1908	N	
imoPage	O	VARCHAR2(10 CHAR)	IP	N	
packagingGroup	O	VARCHAR2(4 CHAR)	II	N	
flashpointCelcius	O	NUMBER(4)	2	N	
flashpointFahrenheit	O	NUMBER(4)	36	N	
pieces	O	NUMBER(6)	34	N	
packaging	O	VARCHAR2(40 CHAR)	Boxes	N	
weight	O	NUMBER(12,3)	44	N	
shippingName	O	VARCHAR2(40 CHAR)	SN	N	
technicalName	O	VARCHAR2(40 CHAR)	TN	N	
placard1	O	VARCHAR2(15 CHAR)	P1	N	
placard2	O	VARCHAR2(15 CHAR)	P2	N	
emergencyNumber	O	VARCHAR2(20 CHAR)	984983	N	

emergencyContact	O	VARCHAR2(20 CHAR)	3949389	N	
Actual - Dimensions					
length	O	NUMBER(12,3)	22	N	Yes
width	O	NUMBER(12,3)	33	N	
height	O	NUMBER(12,3)	44	N	
unitCode	O	VARCHAR2(3 CHAR)	I	N	
unitName	O	VARCHAR2(20 CHAR)	Inches	N	
pieces	O	NUMBER(6)	55	N	
volumeCbm	O	NUMBER(12,3)	28.791	N	
volumeCbf	O	NUMBER(12,3)	1016.736	N	
weightKg	O	NUMBER(12,3)	55	N	
weightLbs	O	NUMBER(12,3)	121.254	N	
Customs Declared					
marksAndNumbers	O	VARCHAR2(200 CHAR)	CD MARKS	N	
pieces	O	NUMBER(6)	3	N	
documentReference	O	VARCHAR2(25 CHAR)	1591012838099	N	
packaging	O	VARCHAR2(40 CHAR)	Bundles	N	
descriptionOfGoods	O	VARCHAR2(200 CHAR)	CD DESCRIPTION OF GOODS	N	
weightKg	O	NUMBER(12,3)	4.5	N	
volumeCbm	O	NUMBER(12,3)	5.5	N	
weightLbs	O	NUMBER(12,3)	9.921	N	
volumeCbf	O	NUMBER(12,3)	194.231	N	
hazardousFlag	O	VARCHAR2(1 CHAR)	Yes	N	
Customs Declared - Hazardous Details					
imoClass	O	VARCHAR2(10 CHAR)	8.0	N	Yes
imoSubclass	O	VARCHAR2(10 CHAR)	1.3G	N	
unNumber	O	VARCHAR2(20 CHAR)	1908	N	
imoPage	O	VARCHAR2(20 CHAR)	IP	N	
packagingGroup	O	VARCHAR2(10 CHAR)	II	N	
flashpointCelcius	O	NUMBER(5)	2	N	
flashpointFahrenheit	O	NUMBER(5)	36	N	
pieces	O	NUMBER(6)	34	N	
packaging	O	VARCHAR2(40 CHAR)	Boxes	N	
weight	O	NUMBER(12,3)	44	N	
shippingName	O	VARCHAR2(200 CHAR)	SN	N	
technicalName	O	VARCHAR2(200 CHAR)	TN	N	
placard1	O	VARCHAR2(30 CHAR)	P1	N	
placard2	O	VARCHAR2(30 CHAR)	P2	N	
emergencyNumber	O	VARCHAR2(20 CHAR)	984983	N	
emergencyContact	O	VARCHAR2(20 CHAR)	3949389	N	
Custom Details					
filingType	O	VARCHAR2(1 CHAR)	Y	N	
scacCode	O	VARCHAR2(4 CHAR)	HDMU	N	
filingAs	O	VARCHAR2(30 CHAR)	Shipment Value Above \$2500	N	
itnNumber	O	VARCHAR2(20 CHAR)	X20200611217522	N	
Rate Details					
rateOfExchangeType	O	VARCHAR2(2 CHAR)	L/M/Blank	N	
ROE Details					
currency	O	VARCHAR2(3 CHAR)	USD	N	Yes
rateOfExchange	O	NUMBER(12,6)	1	N	
ratingType	O	VARCHAR2(1 CHAR)	M	N	
chargeGroup	O	VARCHAR2(5 CHAR)	OFR/FOB/PLC	N	

Rates					
chargeCode	O	VARCHAR2(4 CHAR)	OFR	N	Yes
chargeName	O	VARCHAR2(50 CHAR)	Ocean Freight	N	
originDestination	O	VARCHAR2(1 CHAR)	O	N	
prepaidCollect	O	VARCHAR2(1 CHAR)	P	N	
basis	O	VARCHAR2(3 CHAR)	WM	N	
equipmentDetails	O	VARCHAR2(50 CHAR)	1X20-STANDARD DRY CONTAINER	N	
rate	O	NUMBER(25,2)	1401	N	
currency	O	VARCHAR2(3 CHAR)	USD	N	
calculatedAmount	O	NUMBER(25,2)	1401	N	
localAmount	O	NUMBER(25,2)	1401	N	
vendor	O	VARCHAR2(6 CHAR)	HYUXX	N	
vendorReference	O	VARCHAR2(30 CHAR)		N	
applyVat	O	VARCHAR2(1 CHAR)	Y	N	
vatPercent	O	NUMBER(6,3)	10	N	
vatCode	O	VARCHAR2(10 CHAR)	21	N	
vatText	O	VARCHAR2(50 CHAR)	VAT	N	
Additional Information					
commercialInvoiceValue	O	NUMBER(25,2)	10	N	
assuredParty	O	VARCHAR2(100 CHAR)		N	
hsCode	O	NUMBER(10)			
comments	O	VARCHAR2(3000 CHAR)	TEST	N	
notes	O	VARCHAR2(3000 CHAR)	CONFIRMATION OF YOUR BOOKING	N	

- B. Receive LCL/FCL Booking information via web service in Phoenix.
- C. Phoenix will display booking details correctly on the Booking screen.

Dashboard
Search - Shipment
Search - Shipment
Booking
33005551

Notes
Documents
Open All
Clear All
Preview
Save
efoxs
Select Action
Form Completed 50%

Main Details
4% Completed
Type FCL Booking Reference 33005551 Quote Number Terms Carrier Code Carrier Booking Number
Service Contract User Reference Clauses Pickup Needed Y - Yes Prepaid/Collect Select
Controlling Entity Please Select Mode Of Transport Ocean
More Details
Transmit To Billing Company 01 - SHIPCO TRANSPORT INC Handling Office NYC Status Preliminary Created By ECOM
Created On 20-JUL-2020 Updated By Updated On 20-JUL-2020 Received From

Document Details
100% Completed
Customer Details
100% Completed
Customer Code TEST Customer's Contact Name CONTACT VDATAR
Customer Details SHIPCO Sales Representative Telephone Number Mobile Number
Customer Email VDATAR@SHIPCO.COM.SOLA@SCAN-IT.COM.SG 37 character(s)
Customer Reference SHR12 CTC Rate Profile Additional Profile AccuRate Profile STANDARD
More Details
Shipper Code Consignee Code
Shipper Details Consignee Details
Shipper Reference FR12 Consignee Reference CR12
Forwarder Code Forwarder Details
Forwarder Reference FR12
Purchase Order Tracking Code WWA Reference 33005551USNYC01

Routing Details
0% Completed
Pre-Carriage Type Select Pre-Carriage By Vessel Code Vessel Name Voyage
Place Of Receipt Code NYC Place Of Receipt Name NEW YORK ETD Place Of Receipt Region NAME
Load Code NYC Load Name NEW YORK ETS Load Port Region NAME
Discharge Code BKK Discharge Name BANGKOK ETA Discharge Port Region 0022
Deconsolidation Code Deconsolidation Name ETA Deconsolidation Region
Place Of Delivery Code BKK Place Of Delivery Name BANGKOK ETA Place Of Delivery Region 0022
Location Information(Public) Location Information(Private) Doc. Delivery Doc. Cutoff Date
Doc. Contact Doc. Cutoff Time

Equipment Details
0% Completed
Pickup Container at Code Pickup Chassis at Code Return Container to Return Chassis to Code
Pickup Container at Details Pickup Chassis at Details Return Container to Details Return Chassis to Details
Pickup Date Pickup Time From To Pickup Date Pickup Time From To Delivery Date Delivery Time From To Delivery Date Delivery Time From To

Trucking Details
75% Completed
Pickup Cargo At Code Trucker Code Pickup Instructions TIME: 06:00:00 Pickup Date 23-JUL-2020
Pickup Cargo At Details SHIPCO ADDRESS123 NEW YORK CITY, NEW YORK STATE 410201 Trucker Details Pickup Time 06:00 06:20
CONTACT VDATAR 43958945649
Charge Description Currency USD Income Expense
Total Income Total Expense Profit/Loss

Cargo Details
33% Completed
Number of Containers Container Type Description of Goods Kg Clm Lbs Cbf Hazardous Y - Yes
Please Select X 20 BOXES, 1 LBS, HAZ Y 0.454 1
Please Select
Please Select
IMO Class IMO Subclass UN Number IMO Page Packaging Group Flashpoint (C) Flashpoint (F) Pieces Packaging Weight Shipping Name
2.1 Flt 1234 0 0 Please Select 0 SN
Technical Name Placard 1 Placard 2 Emergency Number Emergency Contact

Custom Details
100% Completed
Filing Type SCAC Code Filing As ITN number
N - No Shipment value above \$2500

Rate Details
100% Completed
Ocean Freight / Origin Charges Expand Shipment Summary Details Expand Rate of Exchange Print PLC in Booking Confirmation Expand Charge Details Modify Rates Rating Type Manual Rating
Name Origin/Destination Prepaid/Collect Basis Equipment Details Rate Calculated Amount Amount (In Local Currency) Vendor Vendor Reference
USD 0 USD 0 USD 0

Figure 1 Phoenix - Ocean Freight - Booking

D. Phoenix will add notes stamp in Booking as per the existing function.

Event Details	User / Locations	Date / Time	Description	Notes Shown On
ECOM Note	ECOM / New York, USA	2020-07-20 11:24:03 America/New_York	COMMODITY 1 X 20 BOXES, 1 LBS, HAZ: Y HAZ: 2.1., SN, 1234, I Remarks: THIS IS A TEST BOOKING.  FCL BOOKING  NYC OFFICEHSCODE - 090210 PLEASE NOTE THAT ALL HAZARDOUS BOOKINGS ARE CONSIDERED PRELIMINARY AND ARE SUBJECT TO FINAL CONFIRMATION BY SHIPCO AND CARRIER AS TO APPROVAL OF HAZARDOUS MATERIALS AND COMPATIBILITY TO EXPEDITE FINAL APPROVAL AND CONFIRMATION OF YOUR BOOKING, KINDLY FORWARD YOUR DANGEROUS GOODS DECLARATION(DGD) IMMEDIATELY REFERENCING YOUR BOOKING NUMBER. DANGEROUS GOODS DECLARATION (DGD) MUST BE RECEIVED PRIOR TO FINAL BOOKING CONFIRMATION, OTHERWISE BOOKING WILL NOT BE VALID. AES - N "INSURANCE" ASSURED PARTY(SHIPPER) : ASSURED PARTY COMMERCIAL INVO	
ECOM Note	ECOM / New York, USA	2020-07-20 11:24:03 America/New_York	ICE VALUE US \$: 10.00	
Preliminary Booking Created	ECOM / New York, USA	2020-07-20 11:24:03 America/New_York	Preliminary booking created as booking number 33005551	

Figure 2 Ocean Freight - Booking - Notes

## 2.3. Use Cases/Workflows

### 2.3.1. Use Case- UC01

<b>Description</b>	Phoenix will receive FCL Booking from a third party via web service.
<b>Actors</b>	Phoenix Ocean User
<b>Preconditions</b>	N/A
<b>Basic Steps</b>	<ol style="list-style-type: none"> <li>Invoke web service to receive FCL Booking in Phoenix.</li> <li>Go to Phoenix.</li> <li>Go to Ocean Freight -&gt; Booking.</li> </ol>
<b>Business validations/Rules</b>	N/A
<b>Expected Result</b>	<ol style="list-style-type: none"> <li>Verify details on the Booking screen based on request parameters.</li> <li>Verify additional information populated as per the existing function.</li> <li>Verify notes stamp.</li> <li>Verify if the web service performs schema &amp; data validations correctly.</li> </ol>

### 2.3.2. Use Case- UC02

<b>Description</b>	Phoenix will receive LCL Booking from a third party via web service.
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<b>Actors</b>	Phoenix Ocean User
<b>Preconditions</b>	N/A
<b>Basic Steps</b>	<ol style="list-style-type: none"> <li>Invoke web service to receive LCL Booking in Phoenix.</li> <li>Go to Phoenix.</li> <li>Go to Ocean Freight -&gt; Booking.</li> </ol>
<b>Business validations/Rules</b>	N/A
<b>Expected Result</b>	<ol style="list-style-type: none"> <li>Verify details on the Booking screen based on request parameters.</li> <li>Verify additional information populated as per the existing function.</li> <li>Verify notes stamp.</li> <li>Verify if the web service performs schema &amp; data validations correctly.</li> </ol>

### 2.3.3. Use Case- UC03

<b>Description</b>	Phoenix will receive LCL/FCL Booking from SSC Online as per the existing function.
<b>Actors</b>	Phoenix Ocean User
<b>Preconditions</b>	N/A
<b>Basic Steps</b>	<ol style="list-style-type: none"> <li>Go to SSC Online.</li> <li>Make a LCL/FCL Booking.</li> <li>Go to Phoenix.</li> <li>Go to Ocean Freight -&gt; Booking.</li> </ol>
<b>Business validations/Rules</b>	N/A
<b>Expected Result</b>	<ol style="list-style-type: none"> <li>Verify booking information received from SSC Online.</li> <li>Verify additional information populated as per the existing function.</li> <li>Verify notes stamp.</li> </ol>

### 2.3.4. Use Case- UC04

<b>Description</b>	Phoenix will receive LCL/FCL Booking from STI Online as per the existing function.
<b>Actors</b>	Phoenix Ocean User
<b>Preconditions</b>	N/A
<b>Basic Steps</b>	<ol style="list-style-type: none"> <li>Go to STI Online.</li> <li>Make a LCL/FCL Booking.</li> <li>Go to Phoenix.</li> <li>Go to Ocean Freight -&gt; Booking.</li> </ol>



<b>Business validations/Rules</b>	N/A
<b>Expected Result</b>	<ul style="list-style-type: none"> <li>i. Verify booking information received from STI Online.</li> <li>ii. Verify additional information populated as per the existing function.</li> <li>iii. Verify notes stamp.</li> </ul>

### 2.3.5. Use Case- UC05

<b>Description</b>	Phoenix will receive EDI Booking as per the existing function.
<b>Actors</b>	Phoenix Ocean User
<b>Preconditions</b>	N/A
<b>Basic Steps</b>	<ul style="list-style-type: none"> <li>i. Receive EDI Booking into Phoenix.</li> </ul>
<b>Business validations/Rules</b>	N/A
<b>Expected Result</b>	<ul style="list-style-type: none"> <li>i. Go to Ocean Freight -&gt; Booking &amp; verify booking information.</li> <li>ii. Verify additional information populated as per the existing function.</li> <li>iii. Verify notes stamp.</li> </ul>

## 3. WWA Compliance \*

### 3.1. Status Updates/Milestones to Third Party

Sti-Online Status	WWA Status code	WWA Status Name	Trigger Point	Data Fields	Data Fields Length	Impacted	Reason-(What and Why)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

### 3.2. Milestones to Third Party Status Code and Name Mapping

Phoenix Status Code	Phoenix Status Name	Sti-Online Status Code	Sti-Online Status Name	WWA Status code	WWA Status Name
5	Preliminary Booking Created	5	Preliminary Booking Created	5	Booking received, awaiting confirmation
20	Received In Warehouse	20	Received In Warehouse	20	Received In Warehouse
21	Customers Own Container Loaded And Sealed	21	Customers Own Container Loaded And Sealed	31	Customers Own Container Loaded And Seal
22	Container Loaded And Sealed	22	Container Loaded And Sealed	30	Container Loaded And Sealed
23	Confirmed On Board	23	Confirmed On Board	40	Confirmed On Board

24	Warehouse Transfer	24	Warehouse Transfer	24	Warehouse Transfer
25	Preliminary Bill Of Lading Printed	25	Preliminary Bill Of Lading Printed	49	Preliminary Bill Of Lading Printed
26	Bill Of Lading Printed	26	Bill Of Lading Printed	50	Bill of Lading Printed
30	LCL Booking Confirmed	30	LCL Booking Confirmed	10	Booking Confirmed
31	FCL Booking Confirmed	31	FCL Booking Confirmed	10	Booking Confirmed
32	LCL Booking Updated	32	LCL Booking Updated	12	Booking Updated
33	FCL Booking Updated	33	FCL Booking Updated	12	Booking Updated
35	Container Roll/Delay	35	Container Roll/Delay	35	Container Delay/Roll
37	Booking Cancelled	37	Booking Cancelled	11	Booking Cancelled
40	Arrival Notice Issued	40	Arrival Notice Issued	60	Arrival Notice Issued
41	Freight Released	41	Freight Released	70	Freight Available
43	Arrived At Inland CFS	43	Arrived At Inland CFS	70	Freight Available
44	Picked Up By Customer	44	Picked Up By Customer	80	Freight Picked up
45	Picked Up For Delivery	45	Picked Up For Delivery	80	Freight Picked up
46	Delivered	46	Delivered	80	Freight Picked up
48	Devanned At Deconsolidation CFS	48	Devanned At Deconsolidation CFS	62	Container Devanned at deconsolidation CFS
51	Arrived at Transshipment port	51	Arrived at Transshipment port	51	Arrived Transshipment port
52	Container Loaded and Sealed Transshipment port	52	Container Loaded and Sealed Transshipment port	52	Container Loaded and Sealed Transshipment port
53	Confirmed on Board Transshipment port	53	Confirmed on Board Transshipment port	53	Confirmed on Board Transshipment port
60	Preliminary Arrival Notice Issued	60	Preliminary Arrival Notice Issued	59	Preliminary Arrival Notice Issued
61	Arrival Notice Issued	61	Arrival Notice Issued	60	Arrival Notice Issued
62	Updated Arrival Notice Issued	62	Updated Arrival Notice Issued	60	Arrival Notice Issued
93	Cargo is available at Deconsolidation CFS	93	Cargo is available at Deconsolidation CFS	70	Freight Available
110	Arrived At Consolidation CFS	110	Arrived At Consolidation CFS	61	Arrived at deconsolidation CFS

120	Available at deconsolidation CFS	120	Available at deconsolidation CFS	70	Freight Available
140	In Transit To Inland CFS	140	In Transit To Inland CFS	64	Arrived at Inland CFS
150	Arrived At Destination CFS	150	Arrived At Destination CFS	68	Arrived at Destination CFS
160	Picked Up from Warehouse	160	Picked Up from Warehouse	80	Freight Picked up
188	Cargo Returned	188	Cargo Returned	14	Returned to Shipper

### 3.3. Use Cases/Workflows WWA

N/A

## 4. External Interface Requirements

N/A

### 4.1. FTP locations

N/A

## 5. Non-Functional Requirements

### 5.1. Performance \*

Action	Response Time in second	Description
Invoke web service to receive FCL Booking.	< 1	The web service should add Booking information in Phoenix within 1 sec.
Invoke web service to receive LCL Booking.	< 1	The web service should add Booking information in Phoenix within 1 sec.

### 5.2. Scalability

N/A

### 5.3. Language Support \*

Language	Support (Yes / No)
English	Yes
Simplified Chinese	No
Traditional Chinese	No

### 5.4. Feature Analytics \*

Event Name	Trigger Point
N/A	N/A

### 5.5. Applicable for \*

Customer	Support (Yes/No)	Comments
----------	------------------	----------

Shipco Transport	Yes	N/A
SSC Consolidation	Yes	N/A
Scan-Shipping	Yes	Phoenix is not receiving Booking information from Scan-Shipping/Strait Air Online currently
Strait Air	Yes	

#### 5.6. Data Migration

N/A

#### 6. Open Issues

N/A

