VAS | Reefer Cycle Modification

DPW Sokhna

# Document Management Information

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# PROJECT

## OVERVIEW

Modify the VAS to overcome the below issues

1. Planners assign reefers on the 5th tiers with no power supply.
2. Planning team assign reefers before moving to power stacks or assigning reefers in normal dry stacks.
3. Duplication in assigning the same reefers under different PTI requests.
4. Reefer temperature request does not include the reefer locations, ATEB tech must search for each reefer's location on VAS one by one.
5. VAS PTI request does not accept fractions.
6. System temperature does not tally with the physical (and VAS) temperature (the SL can make temperature request on vas system with settings and can also make booking on the same reefer with deferent settings (technical team can’t see the updated setting on.
7. Temp request configuration releases the hold for all reefers (approved and non-approved).
8. Planners not informing ATEB after moving reefers to power stacks.
9. Planning assign reefers on multiple stages and take a long time to assign the whole request- which is misleading as the same reference is repeated and the same reefer is included in the same assigning email- ATEB cannot identify which reefers were newly
10. Failed PTI reefers being re-assigned to new PTI requests.
11. Add search option enabling planners to retrieve the pending PTI\temp requests.

Modify the VAS to add the below points

1. Some SL request releasing empty reefers without PTI. The empty reefer hold must be released manually by the planning team.
2. Customers need to be able to cancel\delete requests otherwise ATEB need to do a fake approval.
3. Some reefers can gate-in without record the setting temperature on the system, which means that it not Appears on the monitoring list of the reefers

## OBJECTIVE

Modify the reefer cycle to meet the customer expectation.

## BUSINESS CASE

Enable Shipping line to do the below:

1. Some SL request releasing empty reefers without PTI. The empty reefer hold must be released manually by the planning team.
2. Customers need to be able to cancel\delete requests otherwise ATEB need to do a fake approval.
3. Some reefers can gate-in without record the setting temperature on the system, which means that it not Appears on the monitoring list of the reefers

## RISKS

Data loss which is handled using backups.

## OUT OF SCOPE

# SERVER REQUESTS

## LIST OF REQUIRED SERVICES

2 Servers with latest version for the VAS modification of .NET framework and latest version of ORACLE client. Load balancer concept need to be implemented to handle the server failure.

2 Servers with latest version for the Technical modification of .NET framework and latest version of ORACLE client. Load balancer concept need to be implemented to handle the server failure.

# ACCESS REQUIREMENTS

## LIST OF USERS

GC\Bulk Truckers’ users.

# DATABASES

## DATABASE SERVER

* Operating System: Windows Server 2012 R2 Standard.
* Processor: Intel® Xeon® CPU E5-2690 v4 @ 2.60 GHz (4 Processors)
* RAM: 32.0 GB
* DB Client: ORACLE 12 - 4.122.1.0
* .NET Framework: 4.5.2 or greater.

# OLD SOURCE CODE

## FRONT-END (*Web Application*)

## BACK-END (*Database*)

# NEW SOURCE CODE

## FRONT-END (*Web Application*)

* **Cancel Reefer Requests:**
  + Shipping line can cancel any reefer requests such as repair, PTI and temperature configuration.
* **Request NON-PTI reefers:**
  + Shipping line can request reefers to be gated out without PTI.
* **Dry Reefers:**
  + Create Dry reefer booking for reefers that will be used as a normal container.

|  |  |  |
| --- | --- | --- |
| File Name | File | Description |
| Create Reefer Requests |  | Shipping line can cancel any reefer requests such as repair, PTI and temperature configuration |
|  |
| Request NON-PTI reefers |  | Shipping line can request reefers to be gated out without PTI |
|  |
| Dry Reefers |  | Create Dry reefer booking for reefers that will be used as a normal container |
|  |

## BACK-END (*Database*)

# SCREENSHOT



