Operating Lease Support System Phase-2 Project for

Functional Specification
FC.AD.1.6
Replacement Unit Approval

Revision 2.0

PT. Berlian Sistem Informasi

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Project Name :	Operating Lease Support System Phase-2

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Revision History

Date	Revision	Description	Author
9/11/2015	0.0	Initialization	Windy Adam
11/1/2016	0.1	Revise screen capture (page 8)	Windy Adam
11/1/2016	1.0	1st Baseline	Windy Adam
24/2/2016	1.1	Revise NBD review: 1. Screen 1 List Replacement Approval, change BAST Status label into Memo Status (page 8) 2. Update running number from BRC into BRU on Screen 5 and 6 (Page 9 and page 10) 3. Update BAST status label definition into Memo Status (page 11)	Windy Adam
10/6/2016	2.0	2nd Baseline	Grand Zah Putra

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Document Approval

By signing this document I acknowledge I have read the document and give the Project Management Team approval to proceed.

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Functional Specification

1 Introduction

1.1 Purpose

Functional Specification is a document to describe the detail of functions system which includes screen design, report, and logic formula. This document will be used for system development.

1.2 Scope

Functional Specification Document contains screen design, screen functionality, process flow, and data structure of AD.1.3 Manage Replacement Unit Preparation.

Here are the scope for AD.1.3 Manage Replacement Unit Preparation:

1. **AD.1.3.11 Display List of Unit Replacement Approval**

   To monitor list of replacement unit approval which replacement type is Special Case. System will display list of special case request replacement unit with status document of each request.

2. **AD.1.3.12 Approve Replacement**

   Approve special case replacement unit request

3. **AD.1.3.13 Reject Replacement**

   Reject special case replacement unit request

   Output from this functions is:
   N/A

1.3 Definition, Acronyms, and Abbreviations

1. OPL = Operating Lease
2. BAST = Berita Acara Serah Terima / Handover Report

1.4 References

This functional specification document refers to **"To Be Design" BSI Unit/ Vehicle Management Process**, module:

1. AD.1.3 Manage Replacement Unit Preparation

2 Configuration

N/A

3   Specification Detail: FC.AD.1.6 Replacement Unit Approval

3.1   Purpose

Replacement Unit Approval is process related to approve or reject special case replacement unit request by authorized person. Will be used by DSF authorized person to approve or reject the submitted special case replacement unit request. These function covered by screen **"Special Case Approval"** which can be accessed via the main screen which is **"List Replacement Approval"**.

3.2   Screen of Configuration Access

Here are the access right for **"Approve/Reject BAST Unit Replacement"** screens users:

User	Create	Read	Update	Print	Authorization
DSF Authorize Person	-	V	V	-	V
PIC Asset Management	-	V	-	-	V
Admin	-	V	V	-	V

Note:
1. Read: related to read submitted BAST Replacement Unit (Approved, Rejected, Submitted, Draft)
2. Update: related to Approve or Reject replacement Unit
3. Authorization: related to access screen of List Replacement Approval

3.3   Screen Functionality

1   Display list of unit replacement approval
2   Approve replacement
3   Reject replacement

3.4   Operation Flow

Below is operation flow for Monitoring and print unit preparation process refer to **To Be Design Document Unit/ Vehicle Management**, AD.1.3 Manage Replacement Unit Preparation:
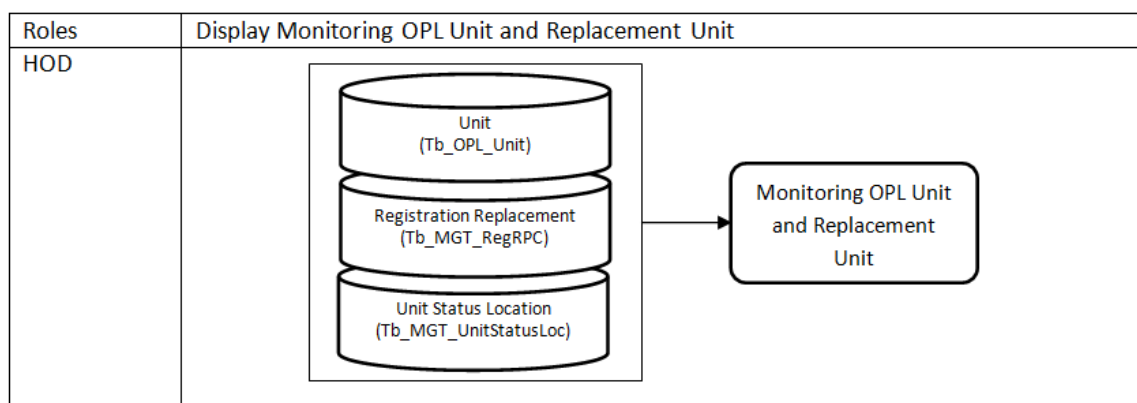
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Roles	Approve Special Memo
Authorized Person	

Roles	Reject Special Memo
Authorized Person	
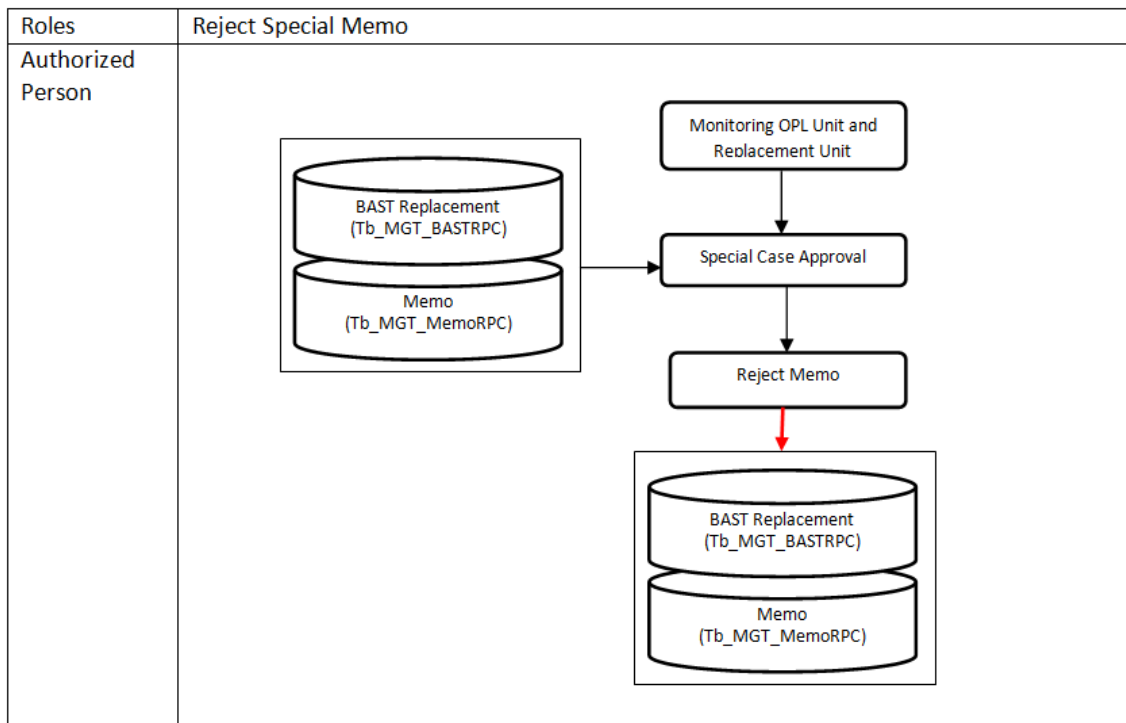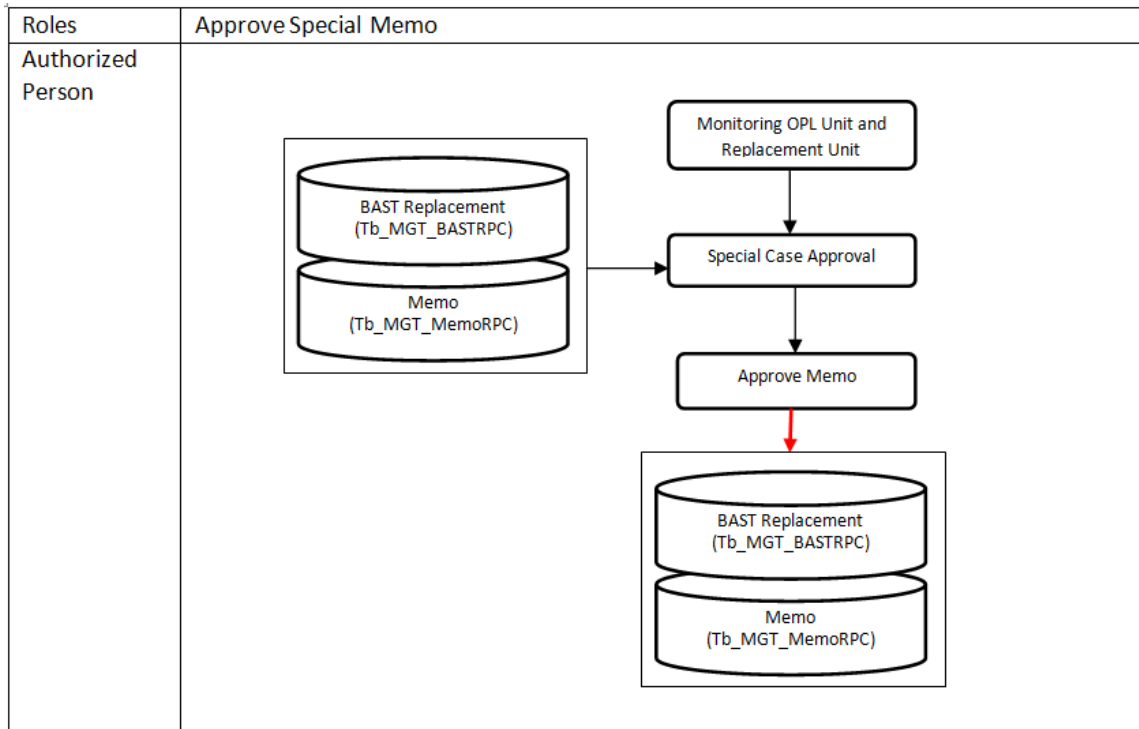
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3.5 Screen Design

- *Initial Screen Monitoring Unit Preparation*

Screen 1. List Replacement Approval

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Screen 2. Special Case Approval (Revise)

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Screen 2. Special Case Approval (Approval)

- *Confirmation Pop Up*
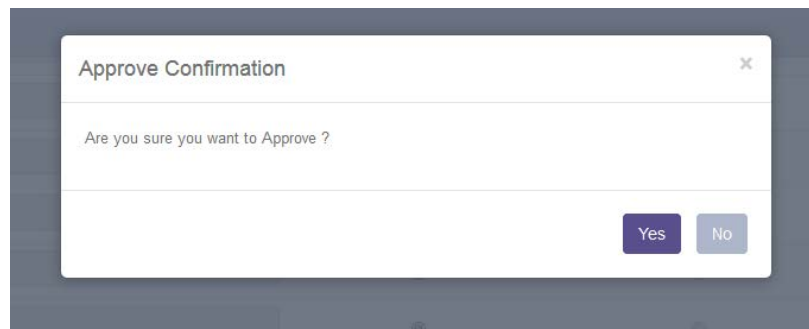
Screen 3. Confirmation Pop Up Approve
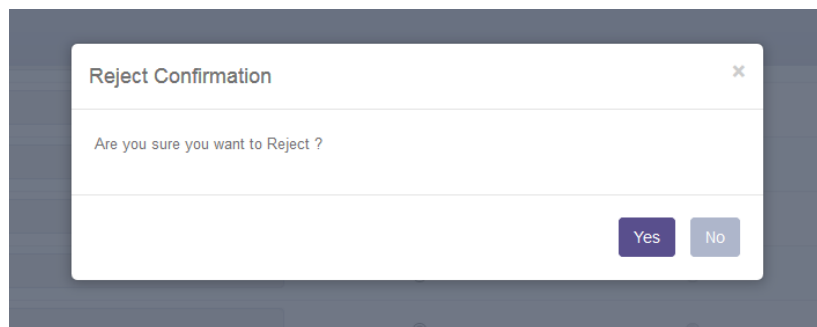
Screen 4. Confirmation Pop Up Reject

Screen 5. Confirmation Pop Up Revise

Screen 6. Confirmation Pop Up Checked

- *Notification Pop Up When Approved Replacement unit*

Screen 7. Notification Pop Up When Approved Replacement Unit

- *Notification Pop Up When Rejected Replacement Unit*
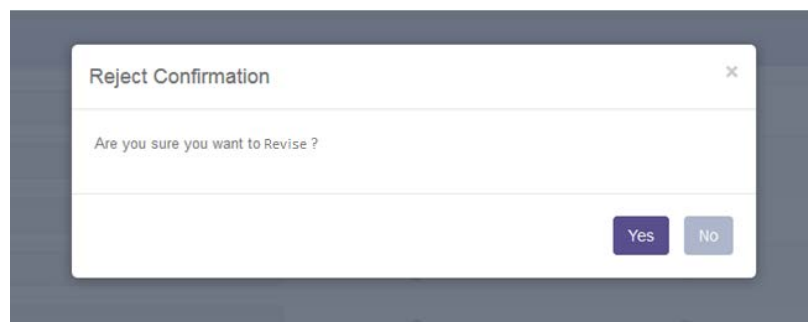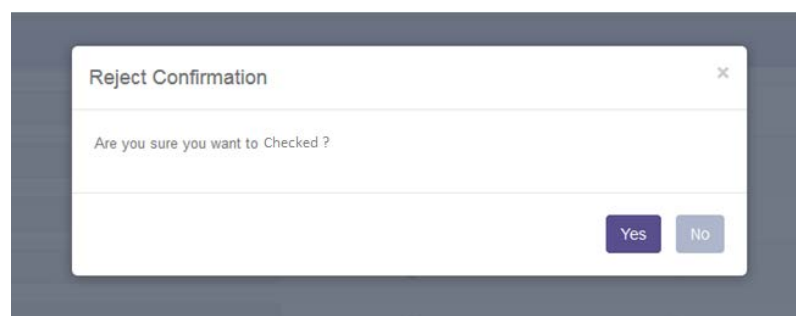

Screen 8. Confirmation Pop Up When Rejected Replacement Unit

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Screen 9. Confirmation Pop Up When Revised Replacement Unit

Screen 10. Confirmation Pop Up When Checked Replacement Unit

3.6 Component Screen Functionality

a. List Replacement Approval
Here are the screen functions from each component in **Screen 1. List Replacement Approval**:

No	Component	Name	Function
Header			
1	Label	List Replacement Approval	Monitoring list replacement approval
2	Button	Back	To display screen *Monitoring OPL Unit and Replacement Unit – Replacement Unit (refer to FC.AD.1.5 Generate BAST Replacement Unit)*
Search Criteria			

3	Drop down box	Search Criteria	To select category for searching replacement approval data
4	Text field	Parameter	To input parameter for searching replacement approval data
5	Date Picker	Start Creation Date	To input start period searching based on creation date
6	Date Picker	End Creation Date	To input end period searching based on creation date
7	Button	Search	To search replacement approval data based on selected criteria
List			
8	Label	BAST Number	To display BAST replacement unit (special case type) number
9	Label	Replacement Police No	To display Replacement Police No
9	Label	Agreement No	To display Agreement No of customer
10	Label	OPL Police No	To display OPL Police No
11	Label	Creation Date	To display Creation Date
12	Label	Memo Status	To display Memo replacement unit (special case type) status ; Draft, Submitted, Rejected, Aproved
13	Label	Created By	To display information creator of BAST replacement unit (special case type) approval
14	Label	Last Approve By	To display DSF authorized person who gives approval BAST replacement unit (special case type)
15	Label	Next Approve By	To display DSF Next authorized person who gives approval BAST replacement unit (special case type)
16	Button	View Memo Replacement Approval	To display BAST replacement which contain replacement unit condition and notes special case to be approved or rejected
17	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
18	Link	First Page	To show the first page entry
19	Link	Previous Page	To show the previous page entry
20	Link	Page Number	To show the page screen according the number
21	Link	Next Page	To show the next page entry
22	Link	Last Page	To show the last page entry

b. Special Case Approval

No	Component	Name	Function
Header			
1	Label	Special Case Approval	Special Case Approval title

2	Button	Back	To cancel process approval replacement unit special case
BAST Information			
3	Text field	BAST No	To display BAST No
4	Text field	Replacement Type	To display Replacement Type (value: Special Case)
5	Text field	Note	To display memo or reason of replacement unit special case
Base Information			
6	Text field	Agreement No	To display agreement number based on replacement unit
7	Text field	Company Name	To display customer company name number based on Agreement Unit
8	Text field	Address	To display Address of customer company name based on Agreement Unit
9	Text field	Telp Number	To display Telp Number of customer company name based on Agreement Unit
10	Text field	PIC Customer	To display PIC Customer of customer company name based on Agreement Unit
Replacement Unit			
11	Text field	Police Number Replacement Unit	To display Police Number of Replacement Unit
12	Text field	Merk/ Vehicle Type	To display Merk/ Vehicle Type of Replacement Unit
13	Text field	Years	To display Years of Replacement Unit
14	Text field	Colour	To display Colour of Replacement Unit
15	Text field	Chassis No	To display Chassis Number of Replacement Unit
16	Text field	Machine No	To display Machine Number of Replacement Unit
17	Text field	STNK Date	To display STNK Date of Replacement Unit
18	Text field	KIR Date	To display KIR Date of Replacement Unit
19	Calendar Picker	Start Date	To display Start Date of usage Replacement Unit
20	Calendar Picker	End Date Estimation	To display End Date estimation of usage Replacement Unit
Unit Component			
21	Calendar Picker	Date Unit Out	To display date Replacement unit Out from DSF Office
22	Text field	KM	To display latest KM of Replacement unit
23	Dropdown	Fuel	To select fuel. Value of dropdown; E, 1/8 , ¼, ½, ¾, F

24	Text field	Driver Name	To display Driver name
25	Text field	Observer Name	To display Observer name
26	Text field	Branch/ Poll	To display Branch/ Poll
27	Text field	Usage Location	To display usage location of Replacement Unit
28	Text field	Remark	To display Remark
29	Label	No	Increment number of row
30	Label	Component	To display component of unit, such as: Starter/Ignition System, Air Condition, STNK, Radio Tape, Catridge/ Remote R, Antena, Lighter/ Pemantik, Asbak, Seat Cover/ Sarung Jok, etc
31	Radio Button	Good	To display Condition of Unit
32	Radio Button	Damage	
33	Radio Button	Missing	
34	Radio Button	Not Exist	
35	Text field	Remark	To display Remark for notes body of paint of car
Footer			
36	Text field	Note	To input Note approval or reject
37	Label	User Name	To display user name of submitter, approver, and rejecter
38	Label	Date	To display Date Time of submittion, approved, and rejection of document replacement unit
39	Label	Status	To display Status of document replacement unit special case; Submitted, Approved, Reject
40	Button	Approve	To approve document replacement unit special case
41	Button	Reject	To reject document replacement unit special case

3.7 Operation Description

No.	Operation Name	Description
1	Initial view of List Replacement Approval	The screen for list of Replacement Approval: 1. Component Status; <table><tr><td>Component</td><td>Name/Caption</td><td>Status</td></tr><tr><td>Label</td><td>List Replacement Approval</td><td>Not Active</td></tr><tr><td>Button</td><td>Back</td><td>Active</td></tr><tr><td>Drop down box</td><td>Search Criteria</td><td>Active</td></tr></table>

		Text field	Parameter	Active	
		Date Picker	Start Creation Date	Active	
		Date Picker	End Creation Date	Active	
		Button	Search	Active	
		Label	BAST Number	Not Active	
		Label	Replacement Police No	Not Active	
		Label	Agreement No	Not Active	
		Label	OPL Police No	Not Active	
		Label	Creation Date	Not Active	
		Label	Memo Status	Not Active	
		Label	Created By	Not Active	
		Label	Approve By	Not Active	
		Button	View BAST Replacement Approval	Active	
		Label	Showing 1 to *n* of *n* entries	Active	
		Link	First Page	Active	
		Link	Previous Page	Active	
		Link	Page Number	Active	
		Link	Next Page	Active	
		Link	Last Page	Active	
2	Initial View of Special Case Approval	The screen for list of Special Case Approval:		

The screen for list of Special Case Approval:

1. Component Status;

Component	Name/Caption	Status	Remark
Label	Special Case Approval	Not Active	
Button	Back	Active	
Text field	BAST No	Not Active	
Text field	Replacement Type	Not Active	
Text field	Note	Not Active	
Text field	Agreement No	Not Active	
Text field	Company Name	Not Active	
Text field	Address	Not Active	
Text field	Telp Number	Not Active	
Text field	PIC Customer	Not Active	
Text field	Police Number Replacement Unit	Not Active	
Text field	Merk/ Vehicle Type	Not Active	
Text field	Years	Not Active	
Text field	Colour	Not Active	
Text field	Chassis No	Not Active	
Text field	Machine No	Not Active	
Text field	STNK Date	Not Active	
Text field	KIR Date	Not Active	
Calendar Picker	Start Date	Not Active	
Calendar Picker	End Date Estimation	Not Active	
Calendar Picker	Date Unit Out	Not Active	
Text field	Usage Location	Not Active	
Text field	KM	Not Active	
Dropdown	Fuel	Not Active	
Text field	Driver Name	Not Active	
Text field	Observer Name	Not Active	
Text field	Branch/ Poll	Not Active	

Text field	Remark	Not Active	
Label	No	Not Active	
Label	Component	Not Active	
Radio Button	Good	Not Active	
Radio Button	Damage	Not Active	
Radio Button	Missing	Not Active	
Radio Button	Not Exist	Not Active	
Text field	Remark	Not Active	
Text field	Note	Not Active	
Label	User Name	Not Active	
Label	Date	Not Active	
Label	Status	Not Active	
Button	Approve	Active	Active If Tb_MGT_BASTRPC.BASTOutStatus = 2 Will not active if Tb_MGT_BASTRPC. BASTOutStatus =1, 3, or 4 Note: 1 = Draft 2 = Submitted 3 = Approved 4 = Rejected
Button	Reject	Active	Active If Tb_MGT_BASTRPC.BASTOutStatus = 2 Will not active if Tb_MGT_BASTRPC. BASTOutStatus =1, 3, or 4 Note: 1 = Draft 2 = Submitted 3 = Approved 4 = Rejected

3	Display list of unit replacement approval	Input:

Input:
1. Access OLSS
2. Select menu Management
3. Select sub menu Monitoring Unit OPL and Unit Replacement
4. Click button Replacement Approval on *Screen Monitoring OPL Unit and Replacement Unit – Replacement Unit (Refer to document FC.AD.1.4 Monitoring and Print Unit OPL and Replacement Unit Report)*
5. Input search criteria category:

Search Criteria	Constraint Input
BAST Number	varchar
Replacement Police No	varchar
Agreement No	varchar
OPL Police No	varchar
Creation Date	Date
Memo Status	varchar
Created By	varchar
Approve By	varchar

6. Select start date and end date to filter data based on the range update date

Date Picker	Constraint Input
Start Creation Date	Cannot greater than End Period
End Creation Date	Cannot less than Start Period

7. Click button search [Search]
8. Select number of show list entries : 10, 25, 50, and 100

Process:
1. User can only select 1 criteria searching to display data
2. When user click button search, system will displays data on List of Replacement Approval based on selected criteria searching, based on below formula:
   2.1 Input search criteria as column name, start creation date, and end creation date:
   2.1.1 If user input Criteria Searching, Start Date, and End Date period, system displays data based on selected criteria searching on selected range update date
   2.1.2 If user input both of Criteria Searching and Start Date, system displays data based on selected criteria searching start from selected update date until the latest update date
   2.1.3 If user input both of Criteria Searching and End Date, system displays data based on selected criteria searching start from the oldest update date until selected update date
   2.1.4 If user input Criteria Searching without Start and End Date, system displays data based on selected criteria searching start from the oldest update date until latest update date
   2.1.5 System displays list of replacement approval special case sort by latest creation date (Tb_MGT_BASTRPC.CreatedDate), with below formula:
   - Tb_MGT_BASTRPC.RPCType = "Special Case" AND Tb_MGT_BASTRPC.BASTType = 1 AND Tb_MGT_BASTRPC.IsBASTOut = 1 or 2 or 3 or 4
   2.1.6 Information that will be display are:
   - BAST Number (source: Tb_MGT_BASTRPC.BASTNumber)
   - Replacement Police No (source: Tb_OPL_Unit.PoliceNo,

<table>
<tr><td></td><td></td><td>

where Tb_MGT_BASTRPC.IdTb_MGT_RegRPC = Tb_MGT_RegRPC.IdTb_MGT_RegRPC AND Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)

- Agreement No (source: Tb_MGT_RegRPC.AgreementNumber, *where Tb_MGT_BASTRPC.IdTb_MGT_RegRPC = Tb_MGT_RegRPC.IdTb_MGT_RegRPC*)
- OPL Police No (source: Tb_OPL_Unit.PoliceNo, *where Tb_MGT_BASTRPC.IdTb_MGT_RegRPC = Tb_MGT_RegRPC.IdTb_MGT_RegRPC AND Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*)
- Creation Date (source: Tb_MGT_BASTRPC.CreatedDate)
- Memo Status (source: *Tb_OPL_Status.StatusName, where Tb_MGT_BASTRPC.IsBASTOut = Tb_ Tb_OPL_Status.IdTb_OPL_Status*) Tb_MGT_BASTRPC.IsBASTOut)
- Created By (source: Tb_MGT_BASTRPC.CreatedBy)
- Approved By (source: Tb_ MGT_ BASTRPC_History.CreatedBy, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve"*)

    2.1.7 System will display error notification, when:
- If data that will be search is not available then system will display notification "Data not found"
- If parameter input is not match with input constraint in data structure then system will display notification "Parameter is not valid"

<u>Output:</u>
1. Display data list of replacement approval

<u>Alternative:</u>
1. Click button view BAST replacement approval to approved or reject replacement unit special case (🟦)

</td></tr>
<tr><td>4</td><td>Approve Replacement</td><td>

<u>Input:</u>
1. *Operation Name 3. Display list of unit replacement approval 1 – 8*
2. Click button 🟦 view BAST replacement approval on **Screen 1. List Replacement Approval**
3. Input Note approval
4. Click button Approve *on* **Screen 2. Special Case Approval (Approval)**
5. Click button Yes on **Screen 3. Confirmation Pop Up Approve**

<u>Process:</u>
1. When user click button 🟦, system will display **Screen 2. Special Case Approval (Approval)**
2. System will display BAST that already created based on Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC. Information that will be displayed are:
- BAST No (source: Tb_MGT_BASTRPC.BASTNumber)
- Replacement Type (source: Tb_MGT_BASTRPC.RPCType)
- Note (source: Tb_MGT_MemoRPC.Descripton, where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC)
- Agreement No (source: Tb_MGT_RegRPC.AgreementNumber
- Company Name → OPLAgreement.CustomerName,

</td></tr>
</table>

where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)
- Address (source: OPLAgreement.Address, *where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*)
- Telp Number (source: Tb_MGT_BASTRPC.TelpNumber)
- PIC Customer (source: Tb_MGT_BASTRPC.PIC)
- Police Number (source: Tb_OPL_Unit.PoliceNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
- Merk/Vehicle type (source: Product.ModelName, *where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
- Years (source: Product.ModelYear, *where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
- Colour (source: Tb_OPL_Unit.Colour, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
- Chassis No (source: Tb_OPL_Unit.ChassisNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
- Machine No (source: Tb_OPL_Unit.MachineNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
- STNK Date (source: Tb_OPL_Unit.StartSTNK, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
- KEUR Date (source: Tb_OPL_Unit.StartKEUR, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
- Start Date (source: Tb_MGT_ BASTRPC.StartDate)
- End Date Estimation (source: Tb_MGT_ BASTRPC.EstDate)
- Date (source: Tb_MGT_BASTRPC.DateOut)
- KM (source: Tb_MGT_ BASTRPC.KMOut)
- Fuel (source: Tb_MGT_ BASTRPC.FuelOut)
- Driver Name (source: Tb_MGT_ BASTRPC.DriverOut)
- Observer Name (source: Tb_MGT_ BASTRPC.ObserverOut)
- Branch/Poll (source: Tb_MGT_ BASTRPC.BranchOut)
- Usage Location (source: Tb_MGT_ BASTRPC.UsageLoc)
- Remark (source: Tb_MGT_ BASTRPC.RemarkOut)
- Unit Component (source: Tb_MGT_ BASTRPCDtl.Description, *where Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC. IdTb_MGT_BASTRPC AND Tb_MGT_BASTRPCDtl.DtlStatus = 1*)

3. System will display Revision history:
- User name (source: source: Tb_ MGT_ BASTRPC_History.CreatedBy, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" , or "Checked", or "Draft", or "Firmed", or "Rejected"*)
- User name (source: source: Tb_ MGT_ BASTRPC_History. CreatedDate, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" , or "Checked", or "Draft", or "Firmed", or "Rejected"*)
- Status (source: Tb_ MGT_ BASTRPC_History.Action, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" , or "Checked", or "Draft", or "Firmed", or "Rejected"*)

4. When user click button Approve then system will update from Tb_MGT_BASTRPC.BASTOutStatus = 2 to Tb_MGT_BASTRPC.BASTOutStatus = 3

5. When Approve button is clicked, System will add a new Log of Create BAST action to Tb_MGT_BASTRPC_History. Data which should be inserted are:

Field Name	Value
ProcessId	NewGUID
OriginalId	Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Approve

6. History Data will be stored in the table Tb_MGT_BASTRPC_History and Tb_ MGT_ BASTRPC_History_Dtl where Tb_MGT_ BASTRPC_History_Dtl is Tb_MGT_ BASTRPC added Tb_MGT_ BASTRPC _History.IdTb_MGT_ BASTRPC_History as a foreign key
7. BAST replacement unit special case that already approve can be print.

Output:
1. System will display **Screen 7. Notification Pop Up When Approved Replacement Unit**

5	Revise Replacement	Input:

Input:
1. *Operation Name 3. Display list of unit replacement approval 1 – 8*
2. Click button 📋 view BAST replacement approval on **Screen 1. List Replacement Approval**
3. Input Note approval
4. Click button Checked *on* **Screen 2. Special Case Approval (Revise)**
5. Click button Yes on **Screen 5. Confirmation Pop Up Revise**

Process:
1. When user click button 📋, system will display **Screen 2. Special Case Approval (Revise)**
2. System will display BAST that already created based on Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC. Information that will be displayed are:
   - BAST No (source: Tb_MGT_BASTRPC.BASTNumber)
   - Replacement Type (source: Tb_MGT_BASTRPC.RPCType)
   - Note (source: Tb_MGT_MemoRPC.Descripton, where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC)
   - Agreement No (source: Tb_MGT_RegRPC.AgreementNumber
   - Company Name → OPLAgreement.CustomerName, where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)
   - Address (source: OPLAgreement.Address, *where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*)
   - Telp Number (source: Tb_MGT_BASTRPC.TelpNumber)
   - PIC Customer (source: Tb_MGT_BASTRPC.PIC)
   - Police Number (source: Tb_OPL_Unit.PoliceNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
   - Merk/Vehicle type (source: Product.ModelName, *where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
   - Years (source: Product.ModelYear, *where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
   - Colour (source: Tb_OPL_Unit.Colour, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)

- Chassis No (source: Tb_OPL_Unit.ChassisNo,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- Machine No (source: Tb_OPL_Unit.MachineNo,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- STNK Date (source: Tb_OPL_Unit.StartSTNK,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- KEUR Date (source: Tb_OPL_Unit.StartKEUR,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- Start Date (source: Tb_MGT_ BASTRPC.StartDate)
- End Date Estimation (source: Tb_MGT_ BASTRPC.EstDate)
- Date (source: Tb_MGT_BASTRPC.DateOut)
- KM (source: Tb_MGT_ BASTRPC.KMOut)
- Fuel (source: Tb_MGT_ BASTRPC.FuelOut)
- Driver Name (source: Tb_MGT_ BASTRPC.DriverOut)
- Observer Name (source: Tb_MGT_ BASTRPC.ObserverOut)
- Branch/Poll (source: Tb_MGT_ BASTRPC.BranchOut)
- Usage Location (source: Tb_MGT_ BASTRPC.UsageLoc)
- Remark (source: Tb_MGT_ BASTRPC.RemarkOut)
- Unit Component (source: Tb_MGT_ BASTRPCDtl.Description, *where Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC. IdTb_MGT_BASTRPC AND Tb_MGT_BASTRPCDtl.DtlStatus = 1*)

3. System will display Revision history:
   - User name (source: source: Tb_ MGT_ BASTRPC_History.CreatedBy,
     where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" , or "Checked", or "Draft", or "Firmed", or "Rejected")
   - User name (source: source: Tb_ MGT_ BASTRPC_History. CreatedDate,
     where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" , or "Checked", or "Draft", or "Firmed", or "Rejected")
   - Status (source: Tb_ MGT_ BASTRPC_History.Action,
     where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" , or "Checked", or "Draft", or "Firmed", or "Rejected")

4. When user click button Approve then system will update from Tb_MGT_BASTRPC.BASTOutStatus = 2 to Tb_MGT_BASTRPC.BASTOutStatus = 5

5. When Approve button is clicked, System will add a new Log of Create BAST action to Tb_MGT_BASTRPC_History. Data which should be inserted are:

Field Name	Value
ProcessId	NewGUID
OriginalId	Tb_MGT_BASTRPC.IdTb_ MGT_BASTRPC
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Revised

6. History Data will be stored in the table Tb_MGT_BASTRPC_History and Tb_ MGT_ BASTRPC_History_Dtl where Tb_MGT_ BASTRPC_History_Dtl is Tb_MGT_ BASTRPC added Tb_MGT_ BASTRPC _History.IdTb_MGT_ BASTRPC_History as a foreign key

7. BAST replacement unit special case that already approve can be print.

		Output: 2. System will display **Screen 9. Notification Pop Up When Approved Replacement Unit**

6	Reject Replacement	Input:
		1. *Operation Name 3. Display list of unit replacement approval 1 – 8*
		2. Click button 📄 view BAST replacement approval on **Screen 1. List Replacement Approval**
		3. Input Note approval
		4. Click button Reject *on* **Screen 2. Special Case Approval (Approval)**
		5. Click button Yes on **Screen 4. Confirmation Pop Up Reject**
		
		Process:
		1. When user click button 📄, system will display **Screen 2. Special Case Approval (Approval)**
		2. System will display BAST that already created based on Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC. Information that will be displayed are:
		  - BAST No (source: Tb_MGT_BASTRPC.BASTNumber)
		  - Replacement Type (source: Tb_MGT_BASTRPC.RPCType)
		  - Note (source: Tb_MGT_MemoRPC.Descripton, where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC)
		  - Agreement No (source: Tb_MGT_RegRPC.AgreementNumber
		  - Company Name → OPLAgreement.CustomerName, where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)
		  - Address (source: OPLAgreement.Address, *where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*)
		  - Telp Number (source: Tb_MGT_BASTRPC.TelpNumber)
		  - PIC Customer (source: Tb_MGT_BASTRPC.PIC)
		  - Police Number (source: Tb_OPL_Unit.PoliceNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
		  - Merk/Vehicle type (source: Product.ModelName, *where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
		  - Years (source: Product.ModelYear, *where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
		  - Colour (source: Tb_OPL_Unit.Colour, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
		  - Chassis No (source: Tb_OPL_Unit.ChassisNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
		  - Machine No (source: Tb_OPL_Unit.MachineNo, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
		  - STNK Date (source: Tb_OPL_Unit.StartSTNK, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
		  - KEUR Date (source: Tb_OPL_Unit.StartKEUR, *where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*)
		  - Start Date (source: Tb_MGT_ BASTRPC.StartDate)
		  - End Date Estimation (source: Tb_MGT_ BASTRPC.EstDate)
		  - Date (source: Tb_MGT_BASTRPC.DateOut)
		  - KM (source: Tb_MGT_ BASTRPC.KMOut)
		  - Fuel (source: Tb_MGT_ BASTRPC.FuelOut)
		  - Driver Name (source: Tb_MGT_ BASTRPC.DriverOut)
		  - Observer Name (source: Tb_MGT_ BASTRPC.ObserverOut)
		  - Branch/Poll (source: Tb_MGT_ BASTRPC.BranchOut)
		  - Usage Location (source: Tb_MGT_ BASTRPC.UsageLoc)

- Remark (source: Tb_MGT_ BASTRPC.RemarkOut)
- Unit Component (source: Tb_MGT_ BASTRPCDtl.Description, *where Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC AND Tb_MGT_BASTRPCDtl.BASTOutValue = 1*)

3. System will display Revision history:
   - User name (source: source: Tb_ MGT_ BASTRPC_History.CreatedBy, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised", or "Checked", or "Draft", or "Firmed", or "Rejected"*)
   - User name (source: source: Tb_ MGT_ BASTRPC_History. CreatedDate, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised", or "Checked", or "Draft", or "Firmed", or "Rejected"*)
   - Status (source: Tb_ MGT_ BASTRPC_History.Action, *where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised", or "Checked", or "Draft", or "Firmed", or "Rejected"*)

4. When user click button rejected then system will update from Tb_MGT_BASTRPC.BASTOutStatus = 2 to Tb_MGT_BASTRPC.BASTOutStatus = 4
5. When Approve button is clicked, System will add a new Log of Create BAST action to Tb_MGT_BASTRPC_History. Data which should be inserted are:

Field Name	Value
ProcessId	NewGUID
OriginalId	Tb_MGT_BASTRPC.IdTb_ MGT_BASTRPC
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Reject

6. History Data will be stored in the table Tb_MGT_BASTRPC_History and Tb_ MGT_ BASTRPC_History_Dtl where Tb_MGT_ BASTRPC_History_Dtl is Tb_MGT_ BASTRPC added Tb_MGT_ BASTRPC _History.IdTb_MGT_ BASTRPC_History as a foreign key
7. BAST replacement unit special case that already approve can be print.

Output:
1. System will display **Screen 8. Notification Pop Up When Rejected Replacement Unit**

7	Checked Replacement	Input: 1. *Operation Name 3. Display list of unit replacement approval 1 – 8* 2. Click button ☰ view BAST replacement approval on **Screen 1. List Replacement Approval** 3. Input Note approval 4. Click button Reject *on* **Screen 2. Special Case Approval (Revise)** 5. Click button Yes on **Screen 6. Confirmation Pop Up Checked** Process: 1. When user click button ☰, system will display **Screen 2. Special Case Approval (Revise)** 2. System will display BAST that already created based on

Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC. Information that will be displayed are:
- BAST No (source: Tb_MGT_BASTRPC.BASTNumber)
- Replacement Type (source: Tb_MGT_BASTRPC.RPCType)
- Note (source: Tb_MGT_MemoRPC.Descripton,
  where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC =
  Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC)
- Agreement No (source: Tb_MGT_RegRPC.AgreementNumber
- Company Name → OPLAgreement.CustomerName,
  where Tb_MGT_RegRPC.IdOPLAgreement =
  OPLAgreement.IdOPLAgreement)
- Address (source:
  OPLAgreement.Address, *where Tb_MGT_RegRPC.IdOPLAgreement =
  OPLAgreement.IdOPLAgreement*)
- Telp Number (source: Tb_MGT_BASTRPC.TelpNumber)
- PIC Customer (source: Tb_MGT_BASTRPC.PIC)
- Police Number (source: Tb_OPL_Unit.PoliceNo,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- Merk/Vehicle type (source: Product.ModelName, *where
  Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*)
- Years (source: Product.ModelYear, *where Tb_MGT_RegRPC.IdRPCUnit
  = Product.IdProduct*)
- Colour (source: Tb_OPL_Unit.Colour,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- Chassis No (source: Tb_OPL_Unit.ChassisNo,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- Machine No (source: Tb_OPL_Unit.MachineNo,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- STNK Date (source: Tb_OPL_Unit.StartSTNK,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- KEUR Date (source: Tb_OPL_Unit.StartKEUR,
  where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
- Start Date (source: Tb_MGT_ BASTRPC.StartDate)
- End Date Estimation (source: Tb_MGT_ BASTRPC.EstDate)
- Date (source: Tb_MGT_BASTRPC.DateOut)
- KM (source: Tb_MGT_ BASTRPC.KMOut)
- Fuel (source: Tb_MGT_ BASTRPC.FuelOut)
- Driver Name (source: Tb_MGT_ BASTRPC.DriverOut)
- Observer Name (source: Tb_MGT_ BASTRPC.ObserverOut)
- Branch/Poll (source: Tb_MGT_ BASTRPC.BranchOut)
- Usage Location (source: Tb_MGT_ BASTRPC.UsageLoc)
- Remark (source: Tb_MGT_ BASTRPC.RemarkOut)
- Unit Component (source: Tb_MGT_ BASTRPCDtl.Description, *where
  Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.
  IdTb_MGT_BASTRPC
  AND Tb_MGT_BASTRPCDtl.BASTOutValue = 1*)
3. System will display Revision history:
- User name (source: source: Tb_ MGT_ BASTRPC_History.CreatedBy,
  *where Tb_ MGT_ BASTRPC_History.Action =
  Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" ,
  or "Checked", or "Draft", or "Firmed", or "Rejected"*)
- User name (source: source: Tb_ MGT_ BASTRPC_History.
  CreatedDate,
  *where Tb_ MGT_ BASTRPC_History.Action =
  Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised" ,
  or "Checked", or "Draft", or "Firmed", or "Rejected"*)
- Status (source: Tb_ MGT_ BASTRPC_History.Action,

where Tb_ MGT_ BASTRPC_History.Action = Tb_OPL_Status.StatusName = "Approve", or "Submitted", "Revised", or "Checked", or "Draft", or "Firmed", or "Rejected")

4. When user click button rejected then system will update from Tb_MGT_BASTRPC.BASTOutStatus = 2 to Tb_MGT_BASTRPC.BASTOutStatus = 4

5. When Approve button is clicked, System will add a new Log of Create BAST action to Tb_MGT_BASTRPC_History. Data which should be inserted are:

Field Name	Value
ProcessId	NewGUID
OriginalId	Tb_MGT_BASTRPC.IdTb_ MGT_BASTRPC
CreatedDate	Sys.CurrentDate
CreatedBy	Sys.CurrentUser
Action	Checked

6. History Data will be stored in the table Tb_MGT_BASTRPC_History and Tb_ MGT_ BASTRPC_History_Dtl where Tb_MGT_ BASTRPC_History_Dtl is Tb_MGT_ BASTRPC added Tb_MGT_ BASTRPC _History.IdTb_MGT_ BASTRPC_History as a foreign key

7. BAST replacement unit special case that already approve can be print.

<u>Output:</u>
2. System will display **Screen 10. Notification Pop Up When Checked Replacement Unit**

6	System error message	<u>Process:</u> 1. Any kind of errors outside of application validation or that which cannot be handled by application such as errors when communication with Database, bugs, overloop, etc will generate error message: "System error. Please contact your administrator" <u>Output:</u> 1. A page with system error message will appear.

3.8 Data Structure

Tb_OPL_Unit

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_OPL_Unit	*integer*	*n/a*	Tb_OPL_Unit.IdTb_OPL_Unit	***Primary Key***	No	Yes
IdProduct	*integer*	*n/a*	Tb_OPL_Unit.IdProduct	***Foreign Key***	No	Yes
PoliceNumber	varchar	*10*	Tb_OPL_Unit.PoliceNumber	- If OPL Unit, source : Tb_MGT_BASTSupCust.PoliceNumber	No	Yes
EngineNumber	varchar	*20*	Tb_OPL_Unit.EngineNumber	- If OPL Unit, source : Tb_MGT_BASTSupCust.MachineNumber	No	Yes

ChassisNumber	varchar	20	Tb_OPL_Unit.ChassisNumber	- If OPL Unit, source : Tb_MGT_BASTSupCust.ChassisNumber	No	Yes
Colour	varchar	20	Tb_OPL_Unit.Colour	- If OPL Unit, source : Tb_MGT_BASTSupCust.Colour	No	Yes
IsOPL	Boolean	n/a	Tb_OPL_Unit.IsOPL	1 = OPL Unit 0 = Replacement Unit	No	Yes
StartSTNK	Date	n/a	Tb_OPL_Unit.StartSTNK		No	Yes
EndSTNK	Date	n/a	Tb_OPL_Unit.EndSTNK		No	Yes
StartKEUR	Date	n/a	Tb_OPL_Unit.StartKEUR		No	Yes
EndKEUR	Date	n/a	Tb_OPL_Unit.EndKEUR		No	Yes
StartInsurance	Date	n/a	Tb_OPL_Unit.StartInsurance		No	Yes
EndInsurance	Date	n/a	Tb_OPL_Unit.EndInsurance		No	Yes
CompanyInsurance	varchar	50	Tb_OPL_Unit.CompanyInsurance		No	Yes
InsuranceNumber	varchar	50	Tb_OPL_Unit.InsuranceNumber		No	Yes
CreatedDate	DateTime	n/a	Tb_OPL_Unit.CreatedDate	- If OPL Unit, source : Tb_MGT_BASTSupCust.LastModifiedDate - If Replacement Unit, Source: Tb_MGT_RegRPC.RegDate	No	Yes
CreatedBy	Varchar	50	Tb_MGT_UnitStatusLoc.CreatedBy	- If OPL Unit, source : Tb_MGT_BASTSupCust.LastModifiedBy - If Replacement Unit, Source: Tb_MGT_RegRPC.CreatedBy	No	Yes

Tb_MGT_RegRPC

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MGT_RegRPC	integer	n/a	Tb_MGT_RegRPC.IdTb_MGT_RegRPC	**Primary key**	No	Yes
RegNo	varchar	20	Tb_MGT_RegRPC.RegNo	**Unique key**	No	Yes
IdBranch	varchar	20	Tb_MGT_RegRPC.IdBranch	**Foreign key**	No	Yes
IdOPLAgreement	integer	n/a	OPLAgreement.IdOPLAgreement	**Foreign key**	No	Yes

IdRPCUnit	*integer*	*n/a*	Tb_OPL_Unit. IdTb_OPL_Unit	***Foreign key***	No	Yes
RPCPoliceNo	*varchar*	*20*	Tb_MGT_RegRPC.RPCPoliceNo		No	Yes
AgreementNumber	*varchar*	*50*	Tb_MGT_RegRPC.AgreementNumber		No	Yes
IdOPLUnit	*integer*	*n/a*	Tb_OPL_Unit. IdTb_OPL_Unit	***Foreign key***	No	Yes
OPLPoliceNo	*varchar*	*20*	Tb_MGT_RegRPC.OPLPoliceNo		No	Yes
IsActive	*Boolean*	*n/a*	Tb_MGT_RegRPC.IsActive		No	Yes
RegDate	*DateTime*	*n/a*	Tb_MGT_RegRPC.RegDate		No	Yes
CreatedBy	*Varchar*	*50*	Tb_MGT_RegRPC.CreatedBy		No	Yes
LastModifiedDate	*DateTime*	*n/a*	Tb_MGT_RegRPC.LastModifiedDate		No	Yes
LastModifiedBy	*Varchar*	*50*	Tb_MGT_RegRPC.CreatedBy		No	Yes
IsDelete	*Boolean*	*n/a*	Tb_MGT_RegRPC.IsDelete		No	Yes
RemarkSys	*varchar*	*100*	Tb_MGT_RegRPC.RemarkSys		No	Yes

Tb_MGT_BASTRPC

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MGT_BASTRPC	*integer*	*n/a*	Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC	***Primary key***	No	Yes
BAST Number	*varchar*	*50*	Tb_MGT_BASTRPC.BASTNumber	***Unique key***	No	Yes
BASTType	*integer*	*n/a*	Tb_MGT_BASTRPC.BASTType	1 = BAST Replacement Unit 2 = BAST OPL Unit	No	Yes
IdTb_MGT_RegRPC	*integer*	*n/a*	Tb_MGT_RegRPC.IdTb_MGT_RegRPC	***Foreign key***	No	Yes
RPCType	*varchar*	*15*	Tb_MGT_BASTRPC.RPCType	Insurance, Special Case, General Repair	No	Yes
BASTOutDate	*Date*	*n/a*	Tb_MGT_BASTRPC.BASTOutDate	*Format display on screen:* MM/dd/yyyy	No	Yes
BASTInDate	*Date*	*n/a*	Tb_MGT_BASTRPC.BASTInDate	*Format display on screen:* MM/dd/yyyy	No	Yes
StartDate	*Date*	*n/a*	Tb_MGT_BASTRPC.StartDate	*Format display on screen:* MM/dd/yyyy	No	Yes
EstDate	*Date*	*n/a*	Tb_MGT_BASTRPC.EstDate	*Format display on screen:* MM/dd/yyyy	No	Yes
EndDate	*Date*	*n/a*	Tb_MGT_BASTRPC.EndDate	*Format display on screen:* MM/dd/yyyy	No	Yes
BASTOutStatus	*integer*	*n/a*	Tb_MGT_BASTRPC.BASTOutStatus	*1 = Draft (BAST already created but has not been submited)* *2 = Submit (BAST*	No	Yes

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
				already submitted)		
BASTInStatus	*integer*	*n/a*	Tb_MGT_BASTRPC. BASTInStatus	*1 = Draft (BAST already created but has not been submited)* *2 = Submit (BAST already submitted)*	No	Yes
KMOut	*decimal*	*5,0*	Tb_MGT_BASTRPC. KMOut		Yes	No
KMIn	*decimal*	*5,0*	Tb_MGT_BASTRPC. KMIn		Yes	No
FuelOut	*varchar*	*5*	Tb_MGT_BASTRPC. FuelOut		Yes	No
FuelIn	*varchar*	*5*	Tb_MGT_BASTRPC. FuelIn		Yes	No
DriverOut	*varchar*	*15*	Tb_MGT_BASTRPC. DriverOut		Yes	No
DriverIn	*varchar*	*15*	Tb_MGT_BASTRPC. DriverIn		Yes	No
ObseverOut	*varchar*	*15*	Tb_MGT_BASTRPC. ObserverOut		Yes	No
ObseverIn	*varchar*	*15*	Tb_MGT_BASTRPC. ObserverIn		Yes	No
BranchOut	*varchar*	*10*	Tb_MGT_BASTRPC. BranchOut		Yes	No
BranchIn	*varchar*	*10*	Tb_MGT_BASTRPC. BranchIn		Yes	No
UsageLoc	*varchar*	*30*	Tb_MGT_BASTRPC. UsageLoc		No	Yes
DamageLoc	*varchar*	*30*	Tb_MGT_BASTRPC. DamageLoc		No	Yes
ReturnLoc	*varchar*	*30*	Tb_MGT_BASTRPC. ReturnLoc		No	Yes
CreatedBy	*varchar*	*50*	Tb_MGT_BASTRPC. CreatedBy		No	Yes
CreatedDate	*DateTime*	*n/a*	Tb_MGT_BASTRPC. CreatedDate		No	Yes
LastModified Date	*DateTime*	*50*	Tb_MGT_BASTRPC. LastModifiedDate		No	Yes
LastModified By	*varchar*	*n/a*	Tb_MGT_BASTRPC. LastModifiedBy		No	Yes
IsDelete	*Boolean*	*n/a*	Tb_MGT_BASTRPC.IsDelete		No	Yes
RemarkSys	*varchar*	*100*	Tb_MGT_BASTRPC. RemarkSys		No	Yes

Tb_MGT_BASTRPCDtl

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MGT_B ASTRPCDtl	*integer*	*n/a*	Tb_MGT_BASTRPCD tl. IdTb_MGT_BASTRP CDtl	***Primary key***	No	Yes

IdTb_MGT_BASTRPC	integer	n/a	Tb_MGT_BASTRPCD tI. IdTb_MGT_BASTRPC	**Foreign key**	No	Yes
Description	varchar	50	Tb_MGT_BASTRPCD tI.Description		Yes	No
BASTOutValue	integer	n/a	Tb_MGT_BASTRPCD tI. BASTOutValue	1 = Good 2 = Damage 3 = Missing 4 = Not Exist	Yes	No
BASTInValue	integer	n/a	Tb_MGT_BASTRPCD tI. BASTOutValue	1 = Good 2 = Damage 3 = Missing 4 = Not Exist		
CreatedBy	varchar	50	Tb_MGT_BASTRPCD tI.CreatedBy		No	Yes
CreatedDate	DateTime	n/a	Tb_MGT_BASTRPCD tI.CreatedDate		No	Yes
LastModified Date	DateTime	50	Tb_MGT_BASTRPCD tI.LastModifiedDate		No	Yes
LastModified By	varchar	n/a	Tb_MGT_BASTRPCD tI.LastModifiedBy		No	Yes
IsDelete	Boolean	n/a	Tb_MGT_BASTRPCD tI.IsDelete		No	Yes
RemarkSys	varchar	100	Tb_MGT_BASTRPCD tI.RemarkSys		No	Yes

Tb_MGT_UnitStatusLoc

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MGT_ UnitStatusLoc	Integer	n/a	Tb_MGT_UnitStatus Loc.Id_Tb_UnitStatusLoc	**Primary key**	No	Yes
IdTb_OPL_Unit	Integer	n/a	Tb_OPL_Unit.IdTb_ OPL_Unit	**Foreign key**	No	Yes
Status	Varchar	20	Tb_MGT_UnitStatus Loc.Status		No	Yes
Location	Varchar	30	Tb_MGT_UnitStatus Loc.Location		No	Yes
StartDate	Date	n/a	Tb_MGT_UnitStatus Loc.StartDate	Format display on screen: MM/dd/yyyy	No	Yes
EstDate	Date	n/a	Tb_MGT_UnitStatus Loc.EstDate	Format display on screen: MM/dd/yyyy	Yes	No
EndDate	Date	n/a	Tb_MGT_UnitStatus Loc.EndDate	Format display on screen: MM/dd/yyyy	Yes	No
TransCode	Integer	n/a	Tb_MGT_UnitStatus Loc.TransCode	Transaction Code: 1. BAST Receiving Delivery = 1 2. BAST Return = 2 3. Regular Maintenance = 3 4. Irregular Maintenance = 4 5. BAST Replacement = 5	No	Yes

LineTrans	Integer	n/a	Tb_MGT_UnitStatus Loc.LineTrans		No	Yes
UpdateDate	DateTime	n/a	Tb_MGT_UnitStatus Loc.UpdateDate		No	Yes
UpdateBy	Varchar	50	Tb_MGT_UnitStatus Loc.UpdateBy		No	Yes
IsDelete	Boolean	n/a	Tb_MGT_UnitStatus Loc.IsDelete		No	Yes
RemarkSys	varchar	100	Tb_MGT_UnitStatus Loc.RemarkSys		No	Yes

Tb_MGT_Current

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MGT_Current	Integer	n/a	Tb_MGT_Current. IdTb_MGT_Current	**Primary key**	No	Yes
IdTb_OPL_Unit	integer	n/a	Tb_OPL_Unit. IdTb_OPL_Unit	**Foreign Key**	No	Yes
IdAgreement	integer	n/a	OPLAgreement. IdOPLAgreement	**Foreign Key**	No	Yes
IdReplacing Unit	integer	n/a	Tb_MGT_RegRPC.Id UnitOPL	**Foreign Key**	No	Yes
ReplacingPL No	varchar	10	Tb_MGT_Current.Re placingPLNo		No	Yes
RPCType	varchar	15	Tb_MGT_ Current.RPCType		No	Yes
IdTb_MGT_ UnitStatusLo c	integer	n/a	Tb_MGT_UnitStatus Loc.Id_Tb_UnitStat usLoc	**Foreign Key**	No	Yes
UpdateDate	DateTime	n/a	Tb_MGT_UnitStatus Loc.UpdateDate		No	Yes
UpdateBy	Varchar	50	Tb_MGT_UnitStatus Loc.UpdateBy		No	Yes
IsDelete	Boolean	n/a	Tb_MGT_Current.Is Delete		No	Yes
RemarkSys	varchar	100	Tb_MGT_Current.Re markSys		No	Yes

Tb_MGT_Memo

Field Name	Data Type	Length	Source	Remarks	Nullable	Mandatory
IdTb_MGT_ Memo	Integer	n/a	Tb_MGT_Memo. IdTb_MGT_Memo	**Primary key**	No	Yes
IdTb_MGT_B ASTRPC	integer	n/a	Tb_MGT_BASTRPC. IdTb_MGT_BASTRP C	**Foreign Key**	No	Yes
MemoNo	varchar	50	Tb_MGT_MemoRPC. MemoNo	**Unique Key**	No	Yes
MemoDate	Date	n/a	Tb_MGT_MemoRPC. MemoDate		No	Yes
Descripton	varchar	50	Tb_MGT_MemoRPC. Descripton		No	Yes
IsMemo	integer	n/a	Tb_MGT_memoRPC.		No	Yes

			IsMemo			
CreatedBy	*varchar*	*50*	Tb_MGT_memoRPC. CreatedBy		No	Yes
CreatedDate	*DateTime*	*n/a*	Tb_MGT_memoRPC. CreatedDate		No	Yes
UpdateDate	*DateTime*	*50*	Tb_MGT_memoRPC. UpdateDate		No	Yes
UpdateBy	*varchar*	*n/a*	Tb_MGT_memoRPC. UpdateBy		No	Yes
IsDelete	*Boolean*	*n/a*	Tb_MGT_memoRPC. IsDelete		No	Yes
RemarkSys	*varchar*	*100*	Tb_MGT_memoRPC. RemarkSys		No	Yes

3.9 Screen Item List

N/A

Project Code :	TM15404A
Project Name :	Operating Lease Support System Phase-2

3.10 Entity Relationship Diagram
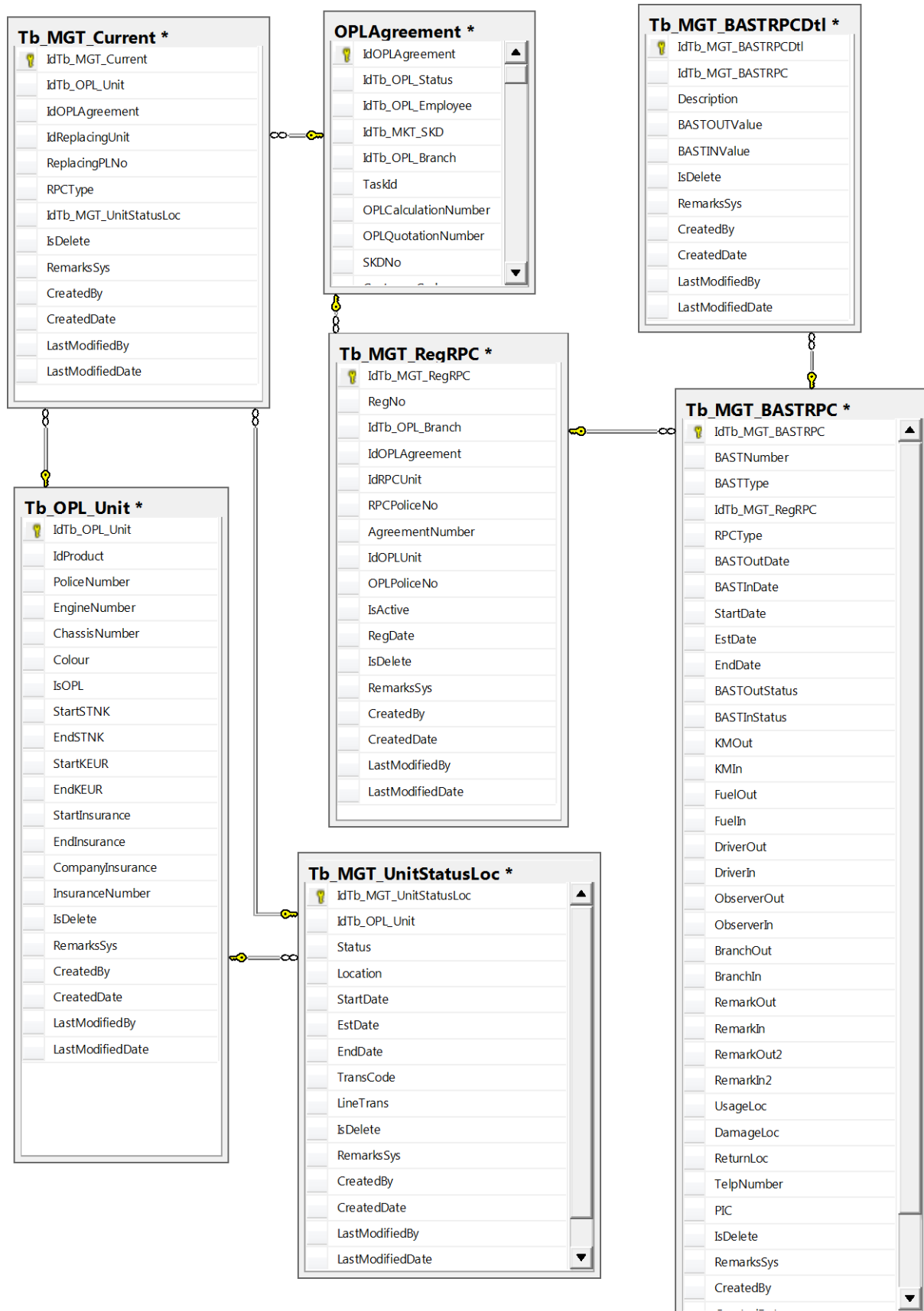
Project Code :	TM15404A
Project Name :	Operating Lease Support System Phase-2

APPENDIX

Configuration Access for Monitoring Unit Preparation:

User	DSF Office	Functions					
		Display List	Create	Edit	View	Print Form	Print Report
PIC OPL HO/Branch	One	V			V		V
	Area						
	All						
	Area						
	All						
Head of Branch	One	V			V		V
	Area						
	All						
Head of Department	One						
	Area						
	All	V			V		V
Regional Manager	One						
	Area	V			V		V
	All						
Advisor	One						
	Area						
	All	V			V		V
Director	One						
	Area						
	All	V			V		V
President Director	One						
	Area						
	All	V			V		V
Shareholder's Meeting	One						
	Area						
	All	V			V		V

Legend:
V = Have the access