Operating Lease Support System Phase-2 Project for

Functional Specification FC.AD.1.5 Generate BAST Replaceement Unit

Revision 2.0

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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 DSF Project Director (page 2 and 3)	Windy Adam
11/1/2016	1.0	1st Baseline	Windy Adam
19/2/2016	1.1	NBD Review: 1. Revise Output Code from RPT into PF (page 6) 2. Revise identifier number RPC into RPU, BRC into BRU, BOP into BOU, and MMO into MRU (page 7) 3. Add description OPL unit at Screen of Configuration Access, and Screen Functionality (page 8) 4. Add screen 5. Replacement Unit Police Number (page 12) 5. Revise screen 7. OPL Unit Police Number (page 13)	Windy Adam
10/6/2016	2.0	2nd Baseline	Grand Zah Putra

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

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

Document Approval

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

Role	Name	Signature	Date
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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 and AD.1.4 Manage Replacement Unit Execution

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

1. **AD.1.3.4 Create Replacement**

   Input data for request replacement unit and Prepare for BAST document Replacement Unit including register replacement unit

2. **AD.1.3.5 Edit Replacement**

   Edit request replacement unit Prepare for editing BAST document Replacement Unit

3. **AD.1.3.6 Submit Replacement**

   Submit replacement data for special cases, which replacement unit request data will be submit to Directors for approval request

4. **AD.1.3.7 View Replacement**

   View detail replacement data that already submit by Asset Management

5. **AD.1.3.8 Print Replacement**

   Print BAST unit Replacement , BAST unit leased

Here are the scope for AD.1.4 Manage Replacement Unit Execution:

1. **AD.1.4.10 Update Replacement Unit Based on BAST Out or In**

   View list of Replacement unit data and update BAST replacement unit result

Output from this functions is:

1. **PF.AD.1.3 BAST OPL Unit**
2. **PF.AD.1.4 BAST Replacement Unit**
3. ***Memo Replacement Unit (new requirement)***

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. AD.1.4 Manage Replacement Unit Execution

2 Configuration

1. Registration Number Replacement Unit:

   00001/RPU/JKT/11/2015

   - Segment 1: 5 digit running number
   - Segment 2: Identifier of number (RPU= Registration Replacement Car)
   - Segment 3: DSF Office short name
   - Segment 4: Month Registration actual date
   - Segment 5: Year BAST actual date

2. BAST Number Replacement Unit:
   00001/BRU/JKT/11/2015

   - Segment 1: 5 digit running number
   - Segment 2: Identifier of number (BRU = BAST Replacement Unit)
   - Segment 3: DSF Office short name
   - Segment 4: Month BAST Replacement actual date
   - Segment 5: Year BAST Replacement actual date

3. BAST Number Operating Lease Unit:
   00001/BOU/JKT/11/2015

   - Segment 1: 5 digit running number
   - Segment 2: Identifier of number (BOU = BAST Operating Lease Unit)
   - Segment 3: DSF Office short name
   - Segment 4: Month BAST Replacement actual date
   - Segment 5: Year BAST Replacement actual date

4. Memo Replacement Unit:
   00001/MRU/JKT/11/2015

   - Segment 1: 5 digit running number
   - Segment 2: Identifier of number (MRU = Memo)
   - Segment 3: DSF Office short name
   - Segment 4: Month BAST Replacement actual date
   - Segment 5: Year BAST Replacement actual date

3 Specification Detail: FC.AD.1.5 Generate BAST Replacement Unit

3.1 Purpose

Generate BAST unit replacement is process related to input replacement unit request for preparing BAST replacement unit and submit BAST result Out and BAST In of Replacement unit and OPL unit. This process includes registering replacement unit mapping to each Agreement number and OPL unit. Outputs of the process are BAST replacement unit and BAST OPL unit Out and In.

This function covered by 3 screens **"Create BAST Unit Replacement"**, **"Edit BAST Unit Replacement"**, and **"View BAST Unit Replaceement"** screens. There is 1 additional screen for registering replacement unit which is "**Registration Replacement Unit**" screen. These 4 screens accessed via the main screen which is **"Monitoring Unit OPL and Replacement Unit"**, (*refer to FC.AD.1.4 Monitoring and Print Unit OPL and Replacement Unit).*

3.2 Screen of Configuration Access

Here are the access right for **"Create / Edit / View BAST Unit Replacement"** screens users:

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

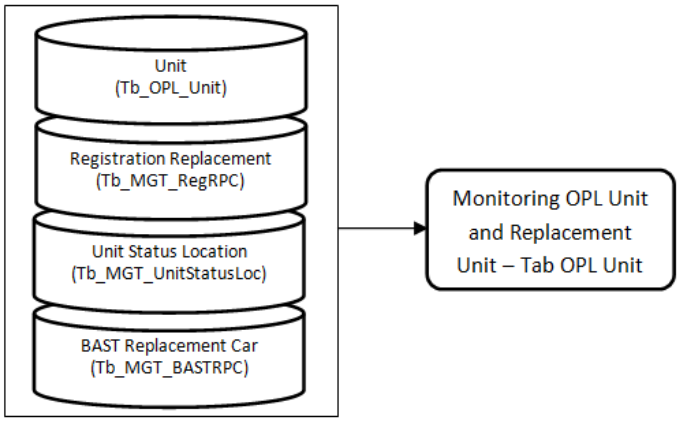
Note:
1. Create: related to creation of BAST OPL Unit and Replacement Unit
2. Read: related to read display BAST OPL Unit and Replacement Unit
3. Update: related to update and submit OPL Unit and Replacement Unit
4. Print: related to print BAST OPL Unit and Replacement Unit
5. Authorization: related to access screen of Monitoring OPL Unit and Replacement Unit

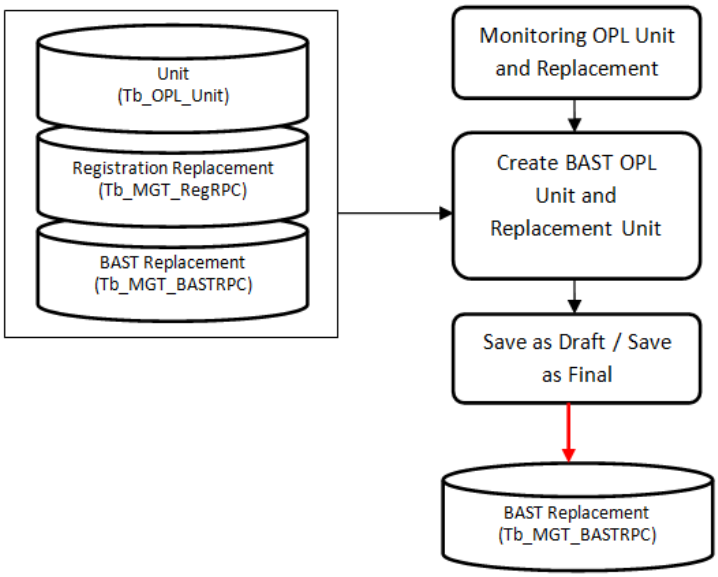
3.3 Screen Functionality

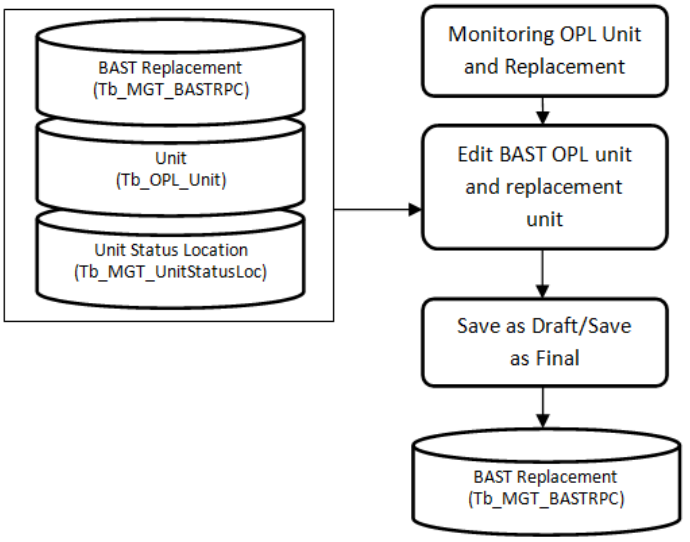
1 Display Monitoring OPL Unit and Replacement Unit
2 Generate BAST OPL Unit and Replacement Unit
3 Edit BAST OPL Unit and Replacement Unit
4 Submit Memo replacement special case
5 View BAST OPL Unit and Replacement Unit
6 Print BAST OPL Unit and Replacement Unit
7 Update OPL Unit and Replacement Unit based on BAST Out or In

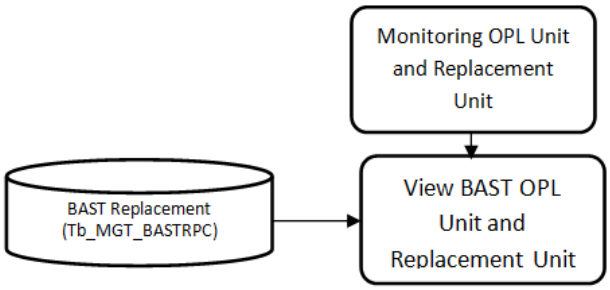
3.4 Operation Flow

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 and AD.1.4 Manage Replacement Unit Execution:

Roles	Display Monitoring OPL Unit and Replacement Unit
PIC Admin	

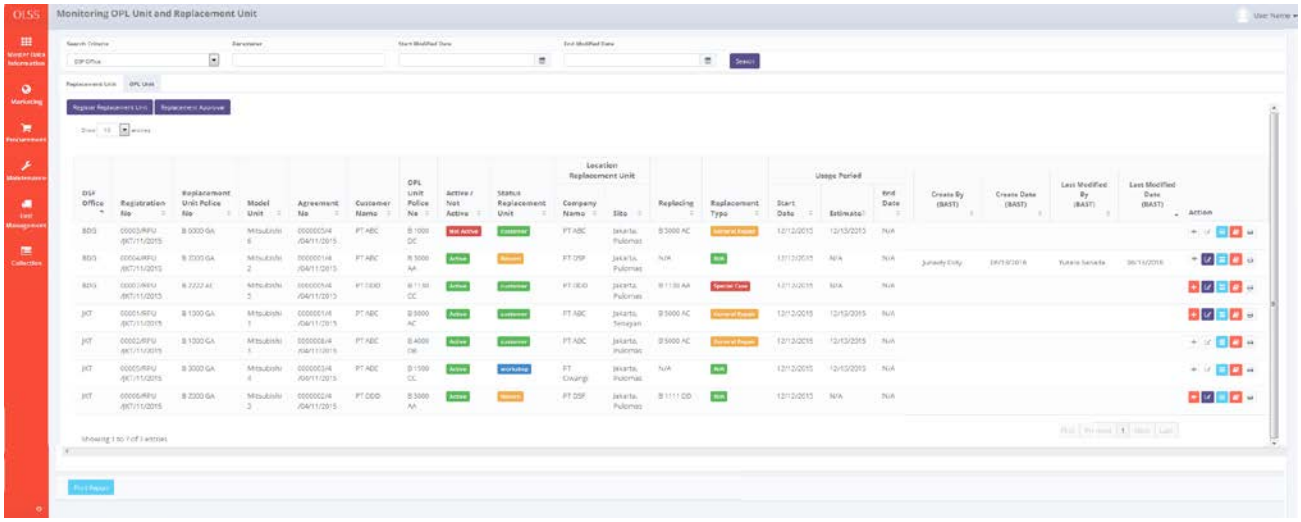
Roles	Create BAST OPL unit and Replacement Unit
PIC Admin	

Roles	Edit BAST OPL Unit and Replacement Unit
PIC Admin	

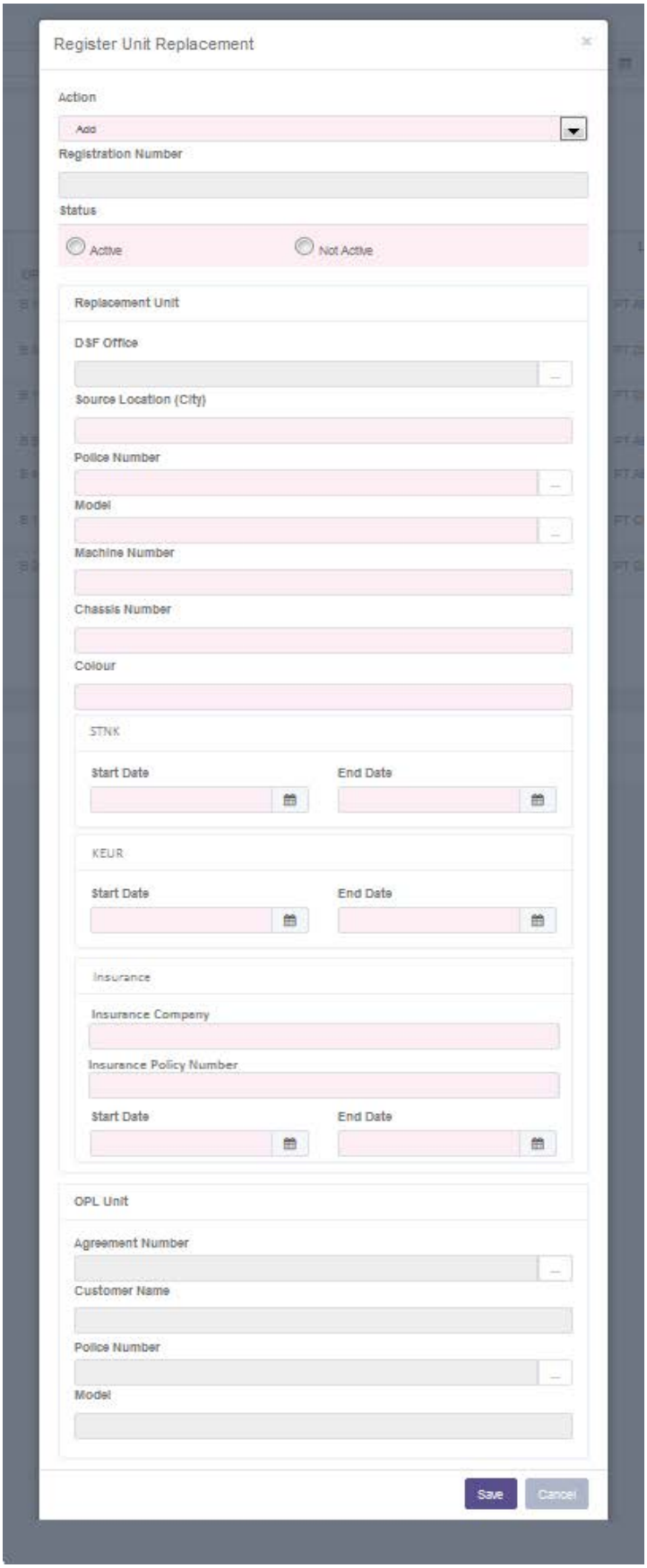
Roles	View BAST OPL Unit and Replacement Unit
PIC Admin	

3.5 Screen Design

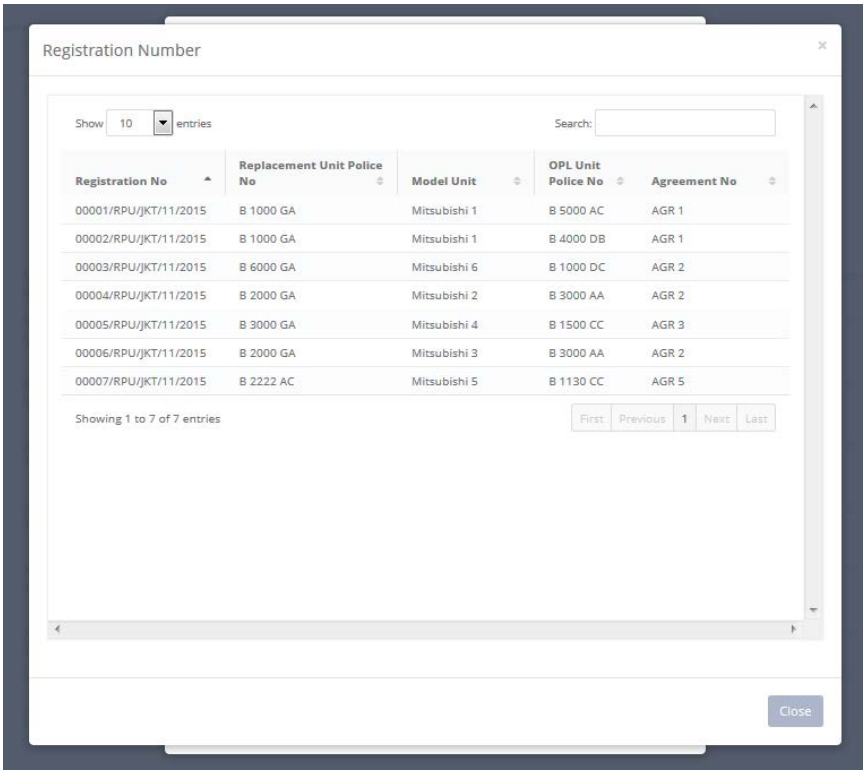
- *Initial Screen Monitoring Unit Preparation*



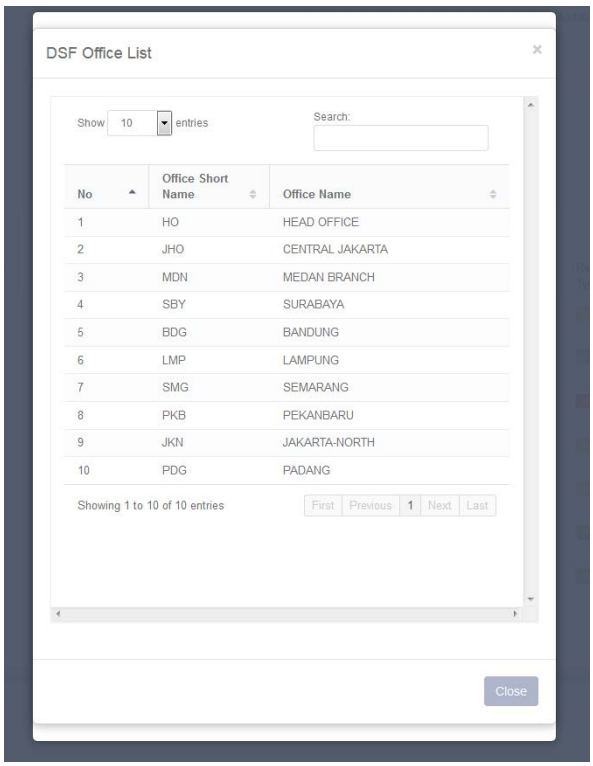
Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit



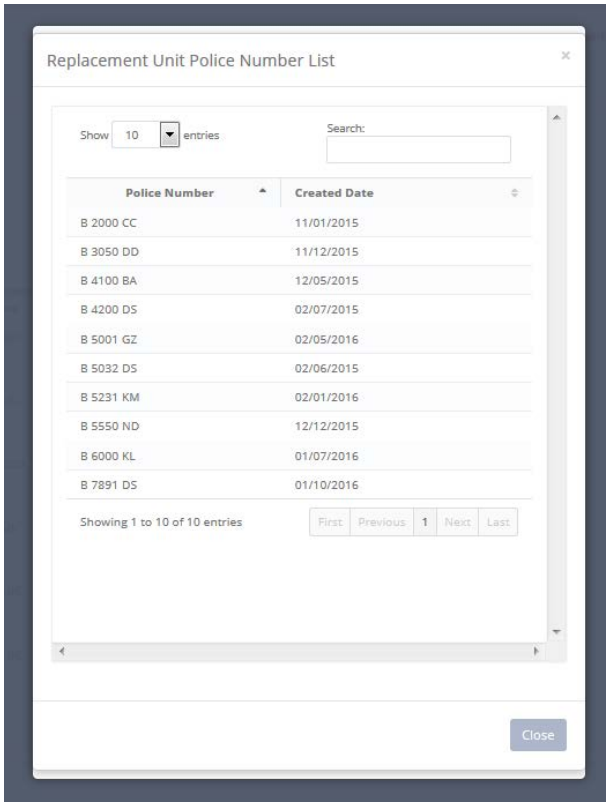
Screen 2. Register Unit Replacement Pop Up Dialog



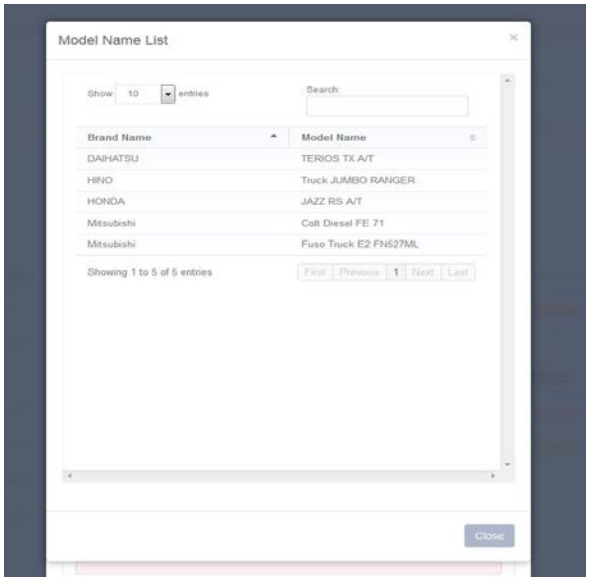
Screen 3. Registration Number Pop Up Dialog



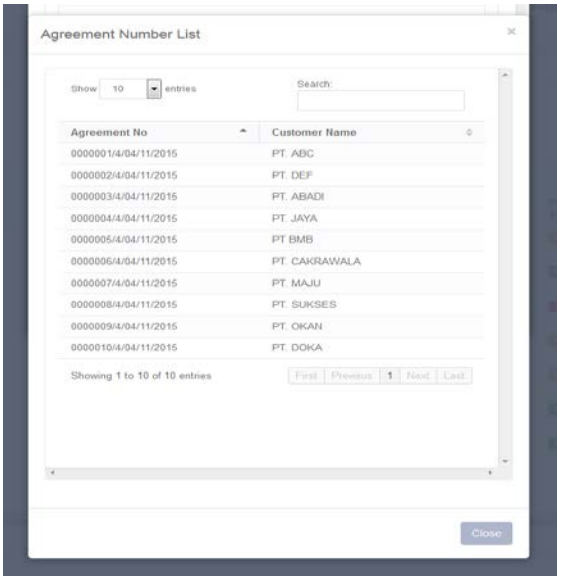
Screen 4. DSF Office List Pop Up Dialog



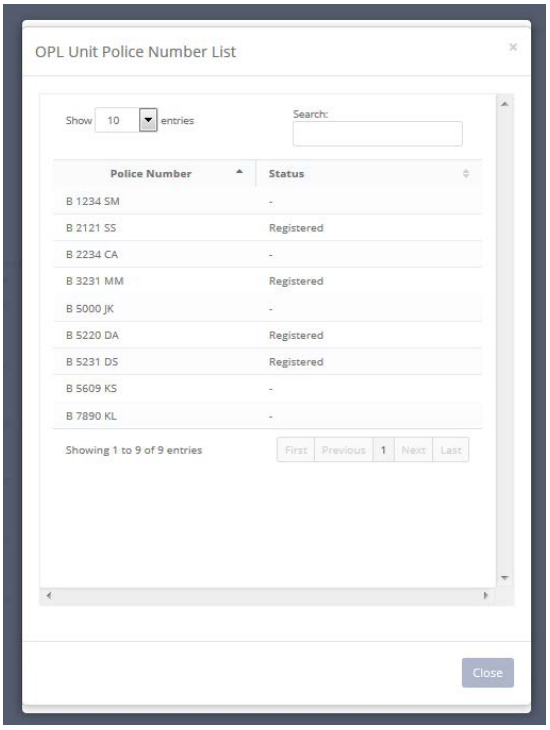
Screen 5. Replacement Unit List Pop Up Dialog



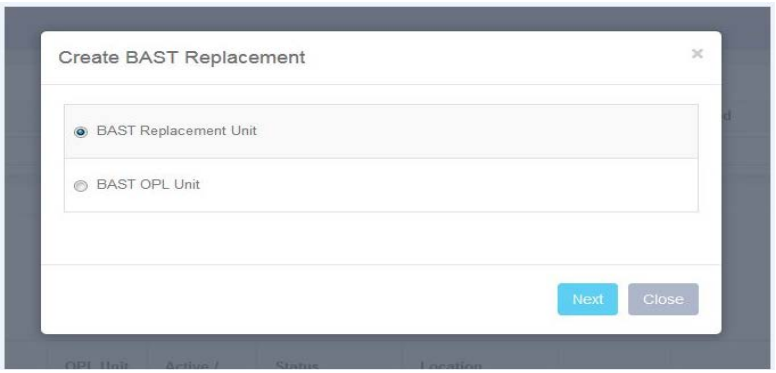
Screen 6. Model Name List Pop Up Dialog



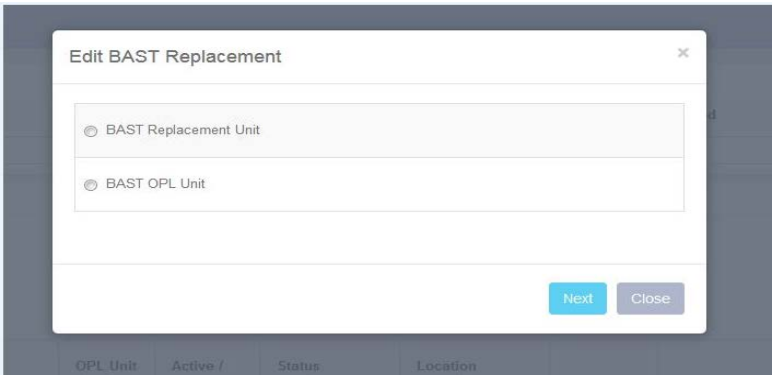
Screen 7. Agreement Number List Pop Up Dialog



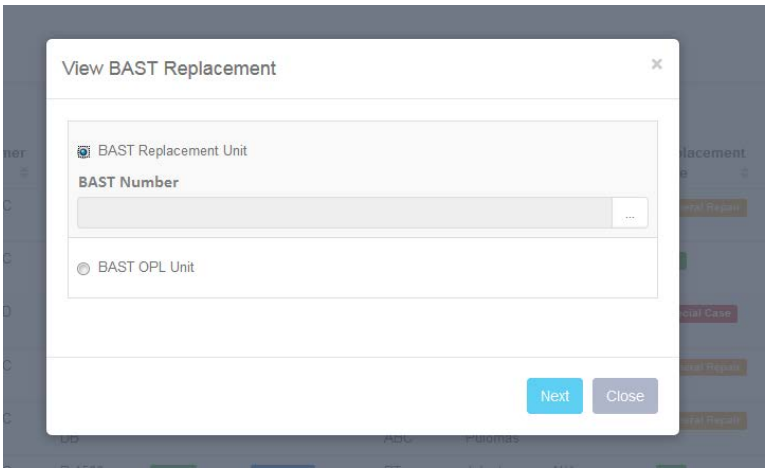
Screen 8. OPL Unit Police Number List Pop Up Dialog



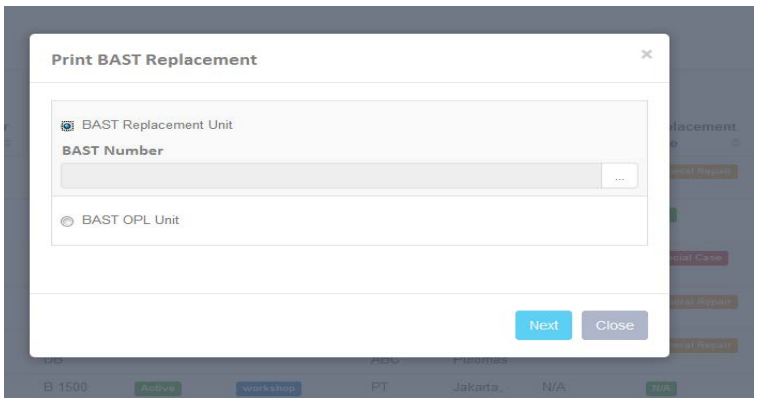
Screen 9. Create BAST OPL Unit and Replacement Unit Pop Up Dialog



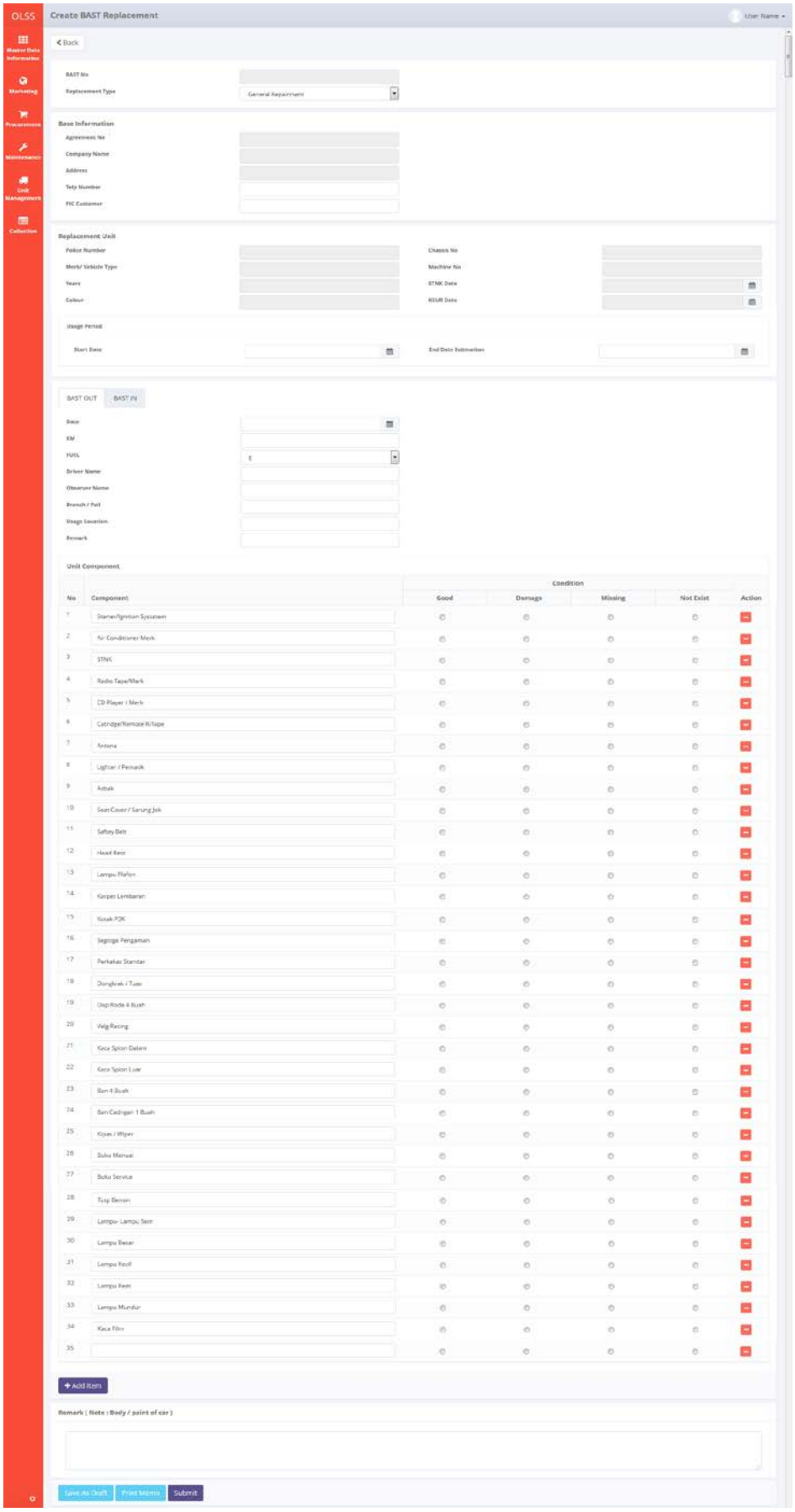
Screen 10. Edit BAST OPL Unit and Replacement Unit Pop Up Dialog



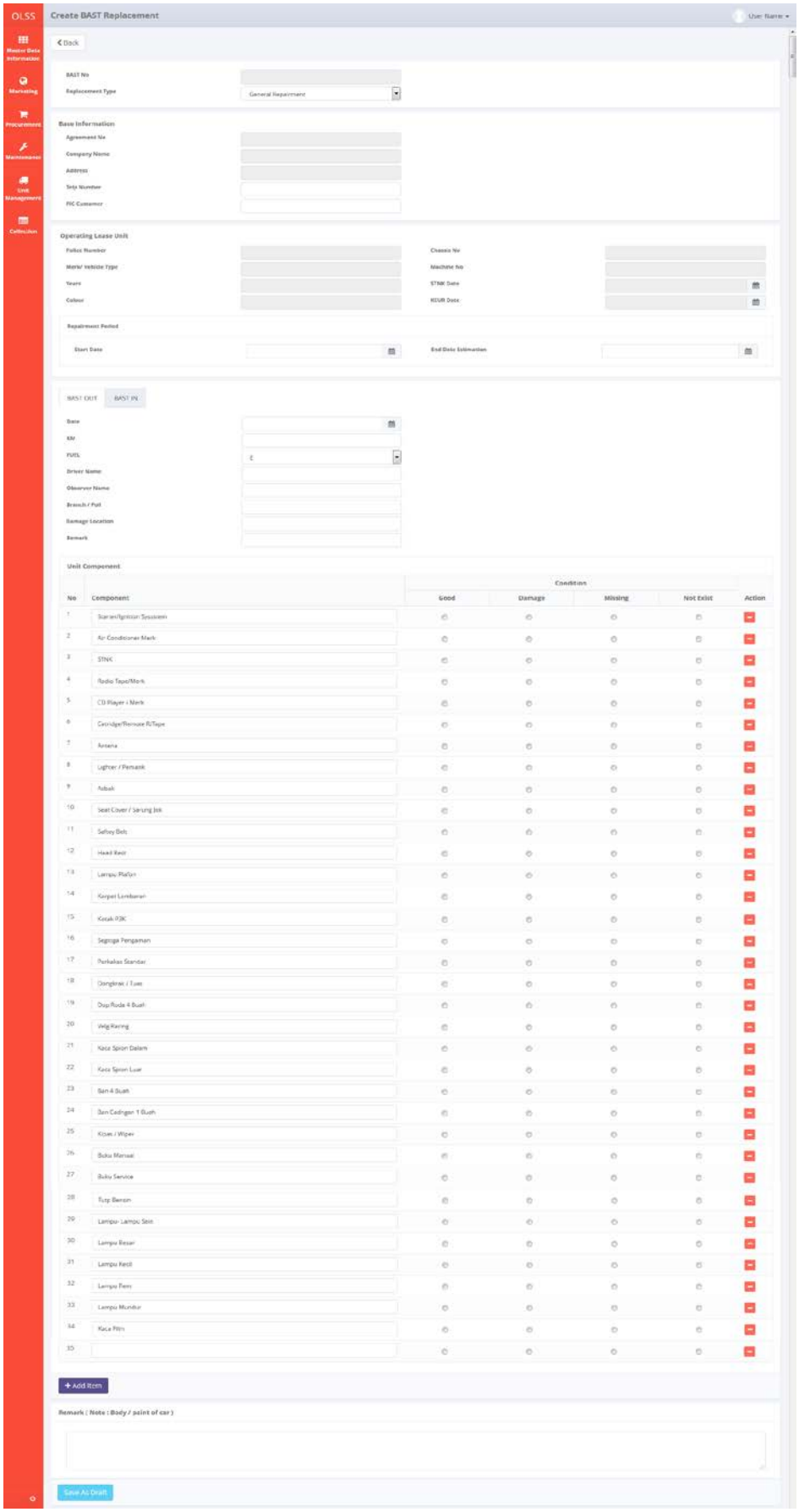
Screen 11. View BAST OPL Unit and Replacement Unit Pop Up Dialog



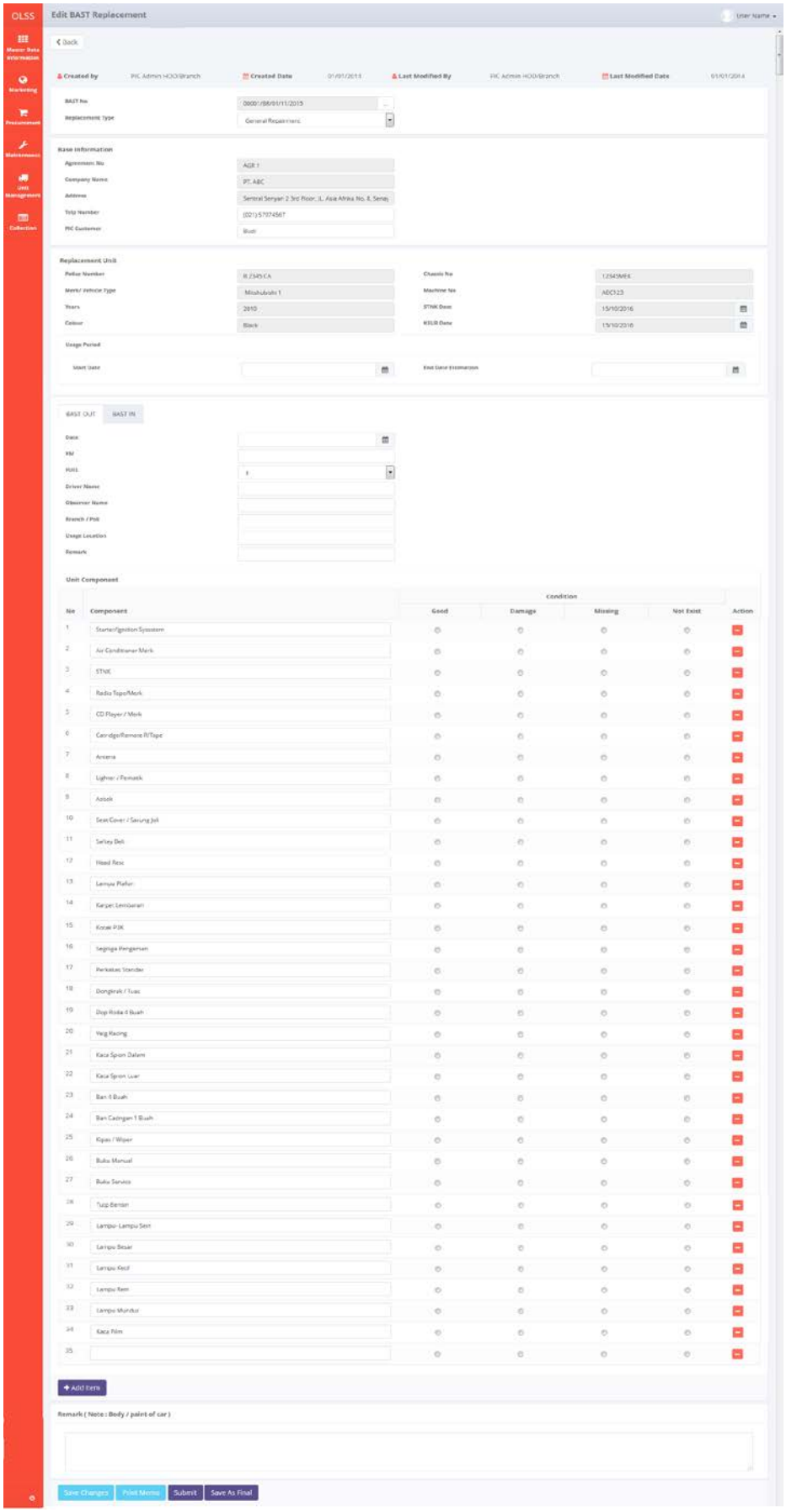
Screen 12. Print BAST OPL Unit and Replacement Unit Pop Up Dialog



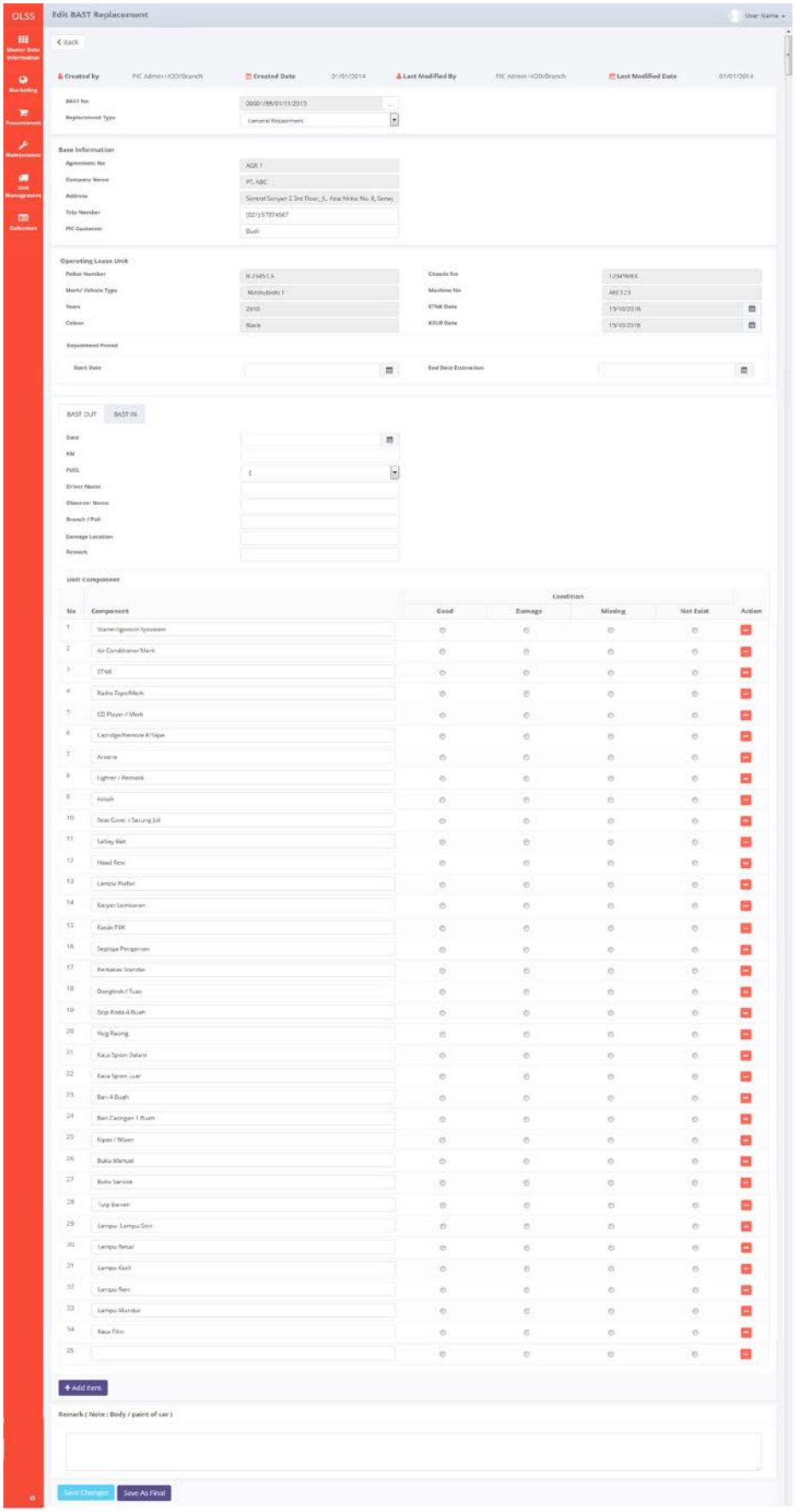
Screen 13. Create BAST Replacement – Replacement Unit



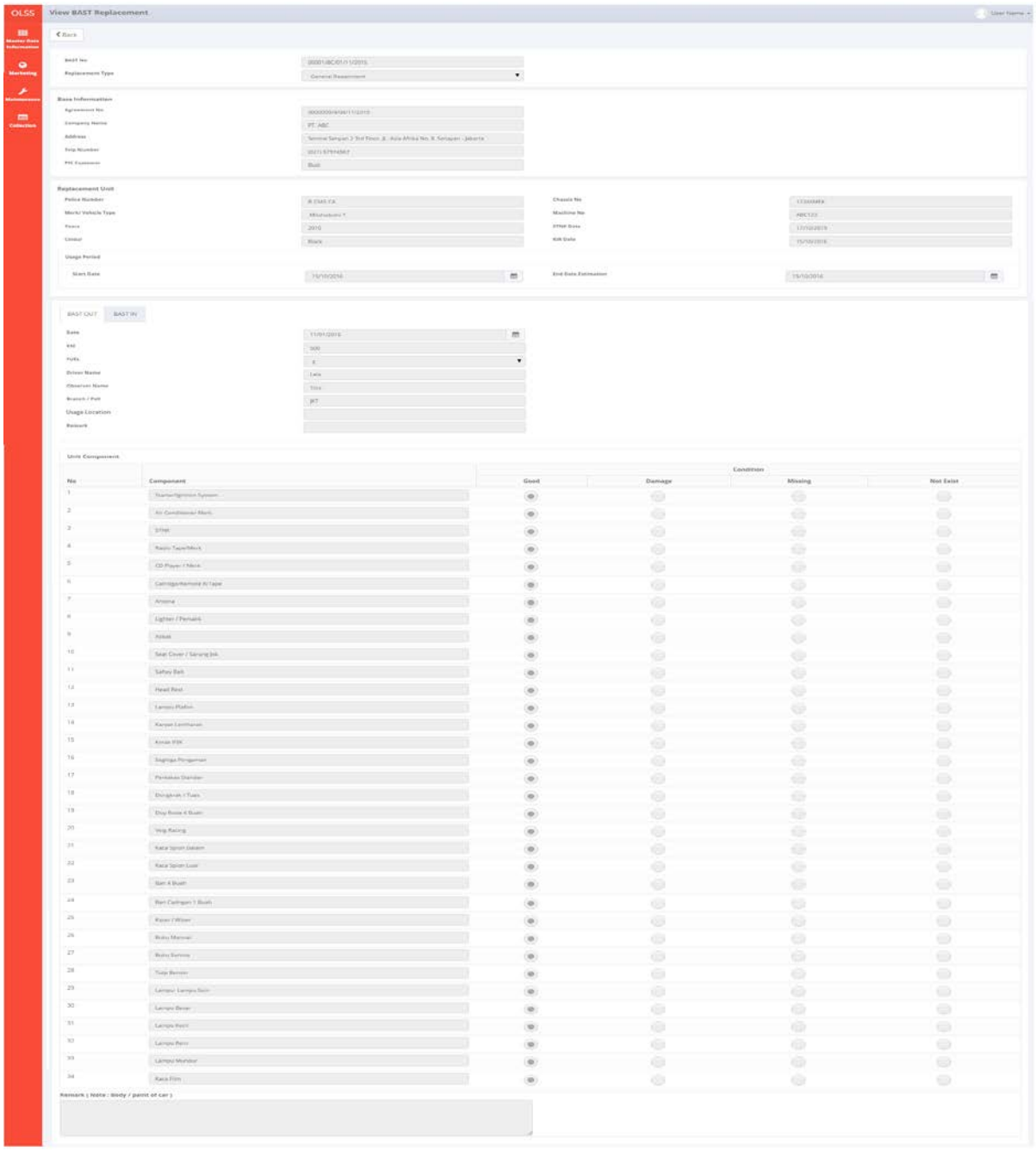
Screen 14. Create BAST Replacement – OPL Unit



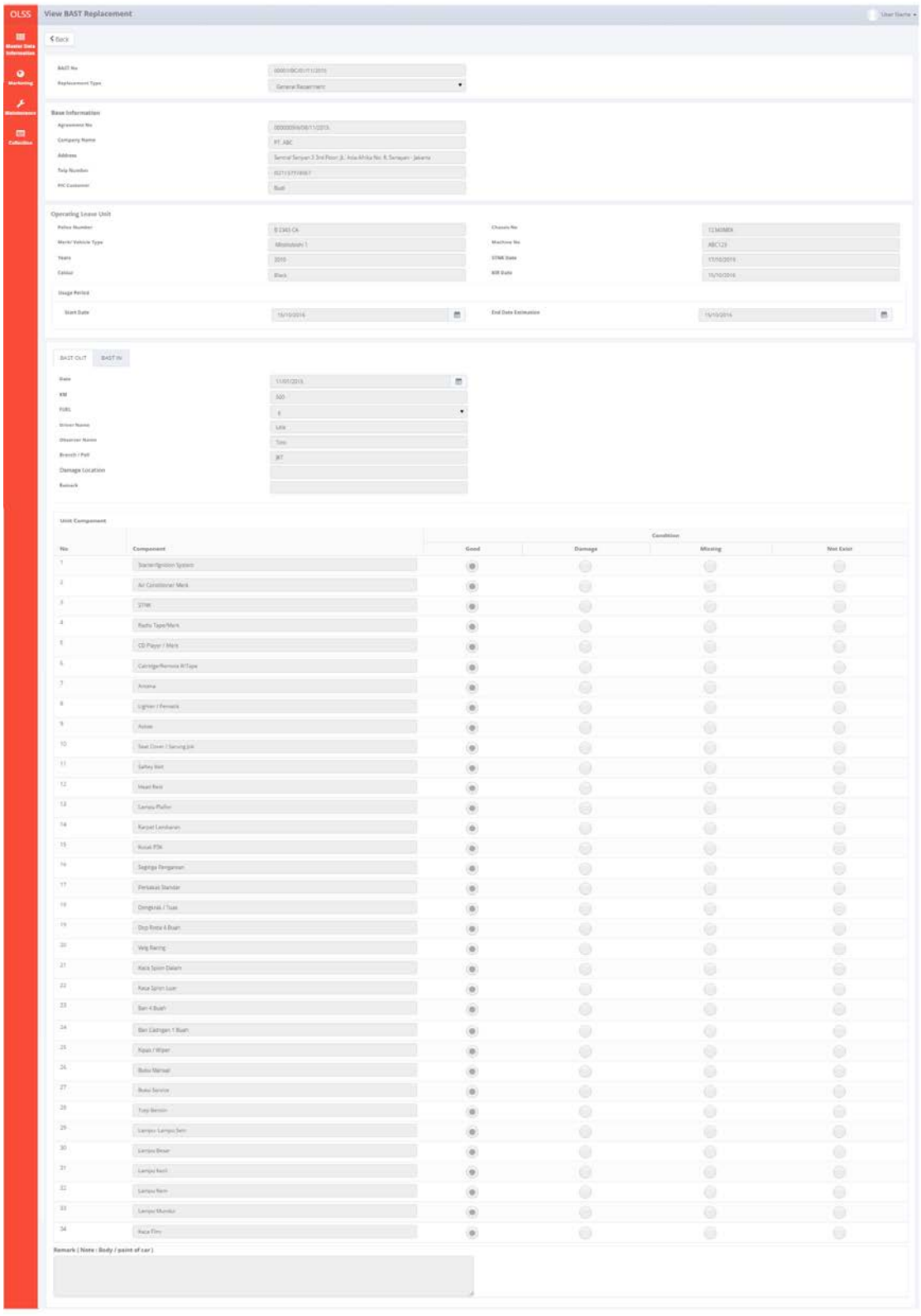
Screen 15. Edit BAST Replacement – Replacement Unit



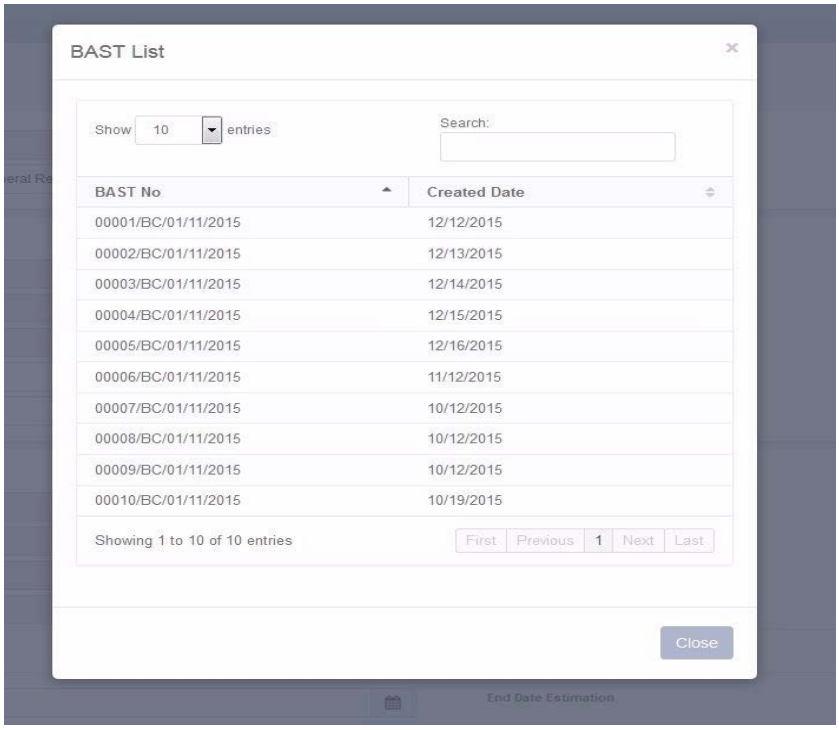
Screen 16. Edit BAST Replacement – OPL Unit



Screen 17. View BAST Replacement – Replacement Unit

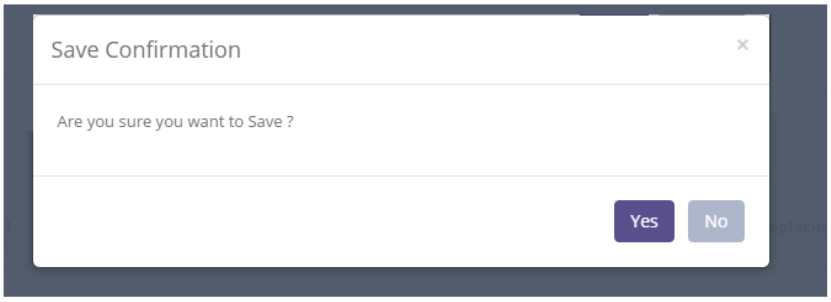


Screen 18. View BAST Replacement – OPL Unit

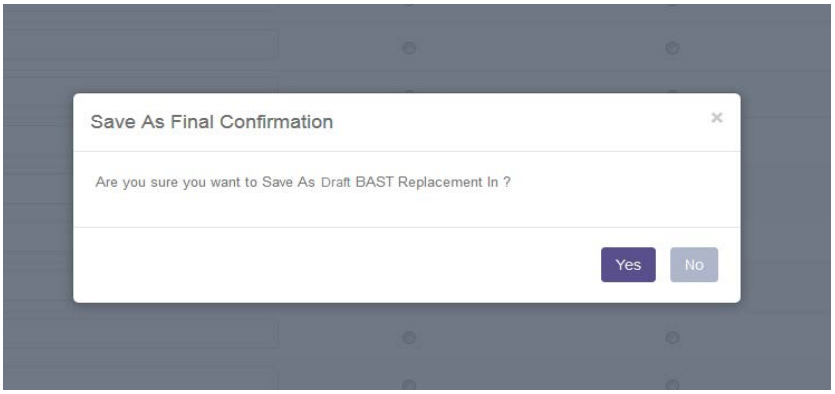


Screen 19. BAST List Pop Up Dialog

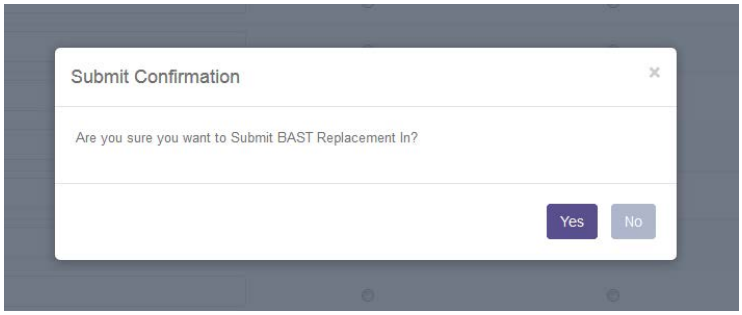
- *Confirmation Pop Up*



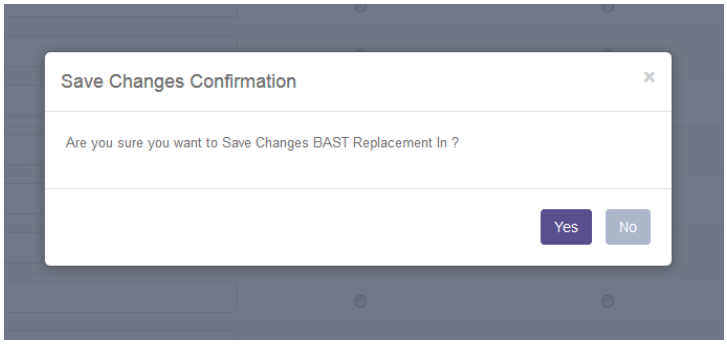
Screen 20. Confirmation Pop Up When Register Replacement Unit



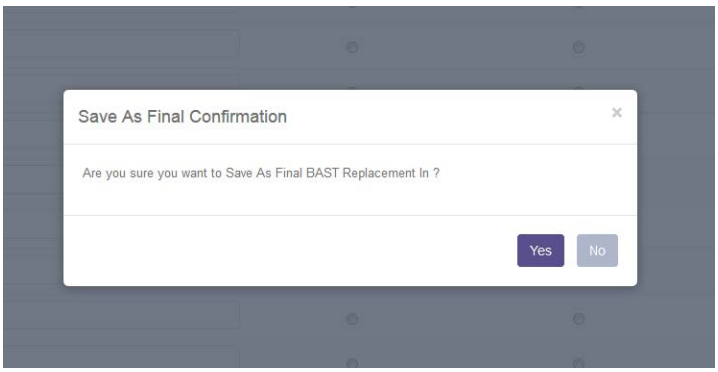
Screen 21. Confirmation Pop Up When Save as Draft BAST Replacement



Screen 22. Confirmation Pop Up When Submit BAST Replacement



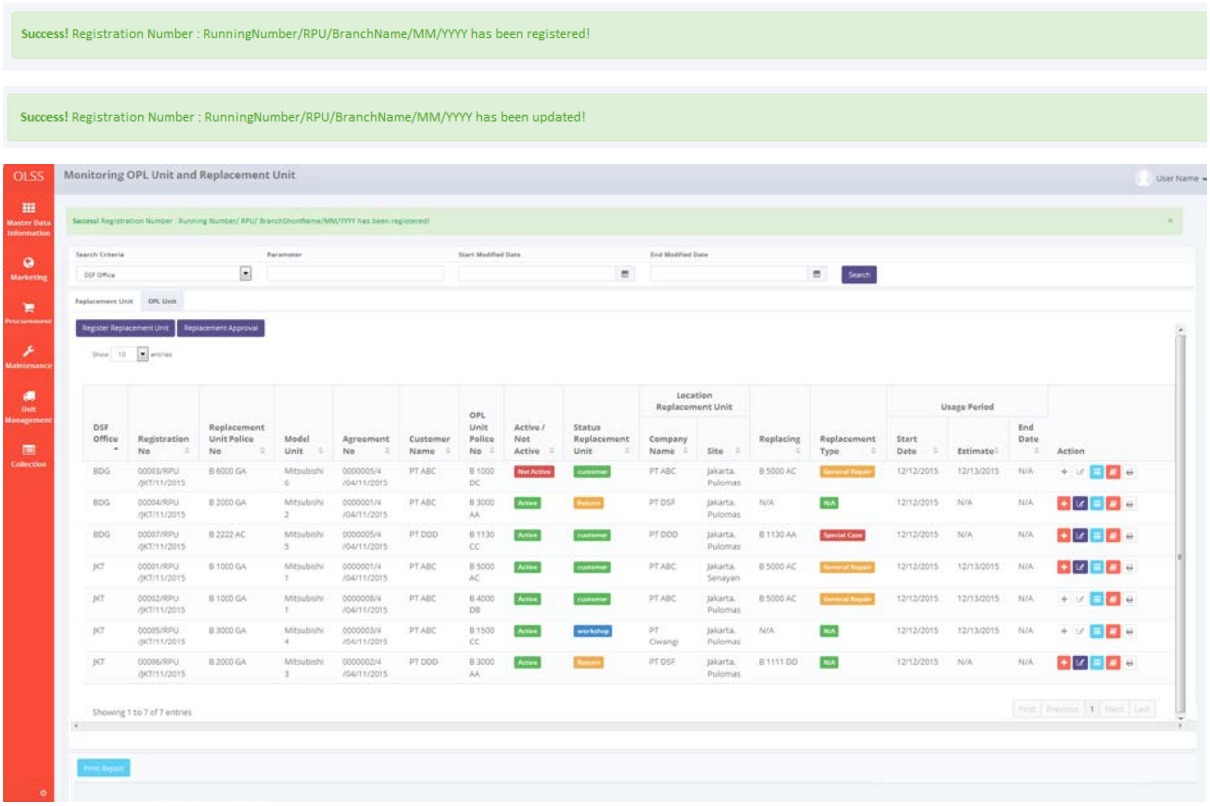
Screen 23. Confirmation Pop Up When Save as Change BAST Replacement



Screen 24. Confirmation Pop Up When Save as Final BAST Replacement

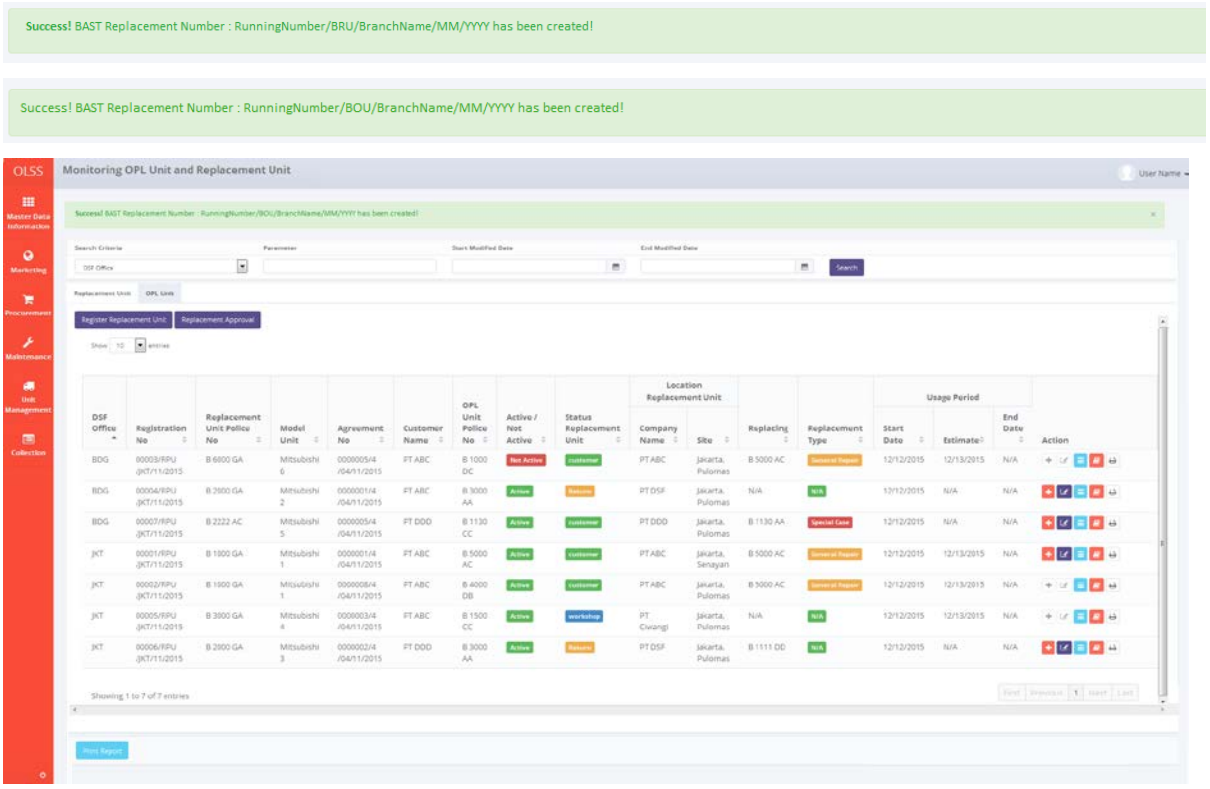
Note: BAST Replacement consist of BAST replacement Out and BAST In. NotificationPop Up for both are same, the difference only on description "Are you sure want to Save As Final/Submit/Save Change BAST Replacement In/ BAST Replacement Out?"

- *Notification Pop Up When Register Replacement Unit*



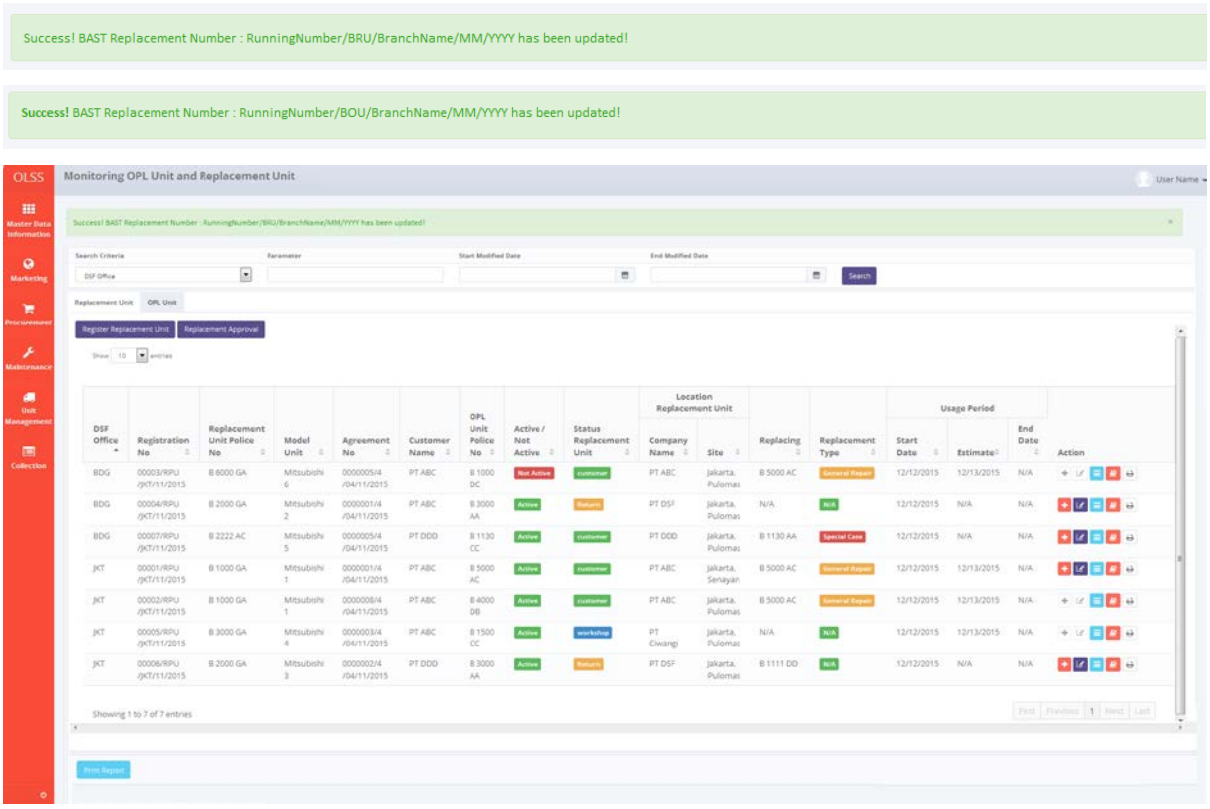
Screen 25. Notification Pop Up When Register Replacement Unit

- *Notification Pop Up When Save as Draft BAST Replacement*



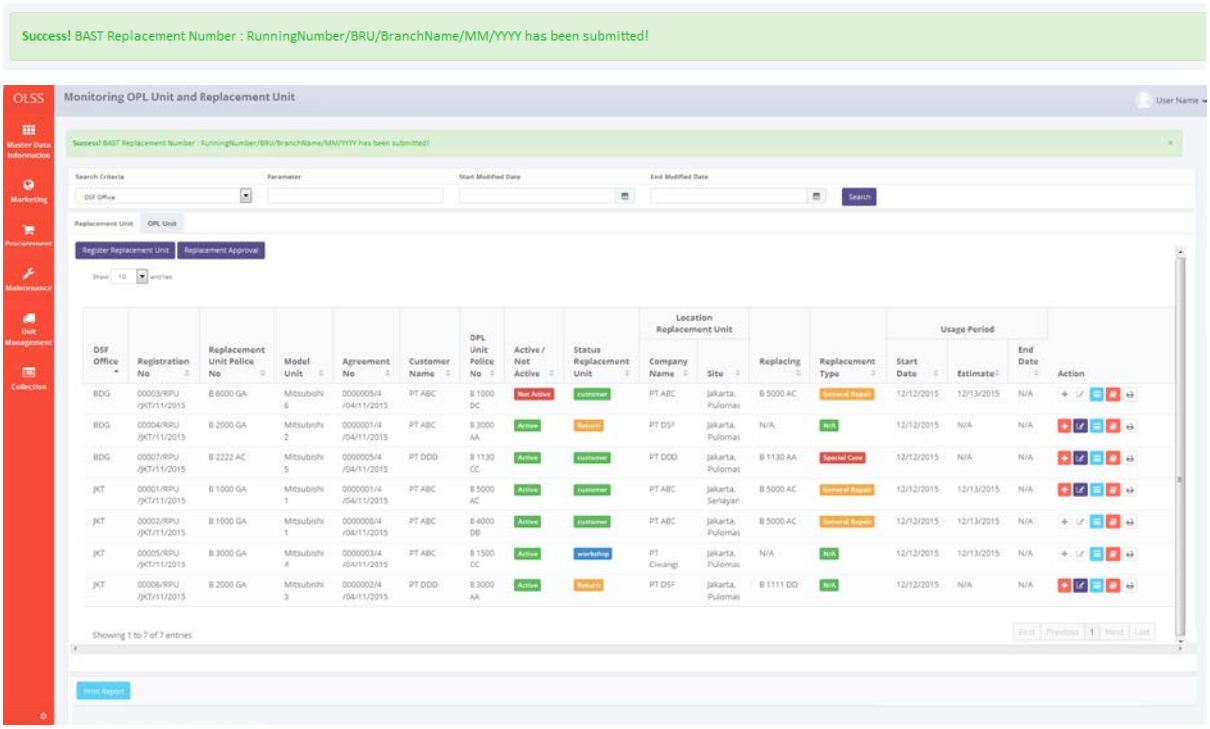
Screen 26. Confirmation Pop Up When Save as Draft BAST Replacement

- *Notification Pop Up When Save Change BAST Replacement*



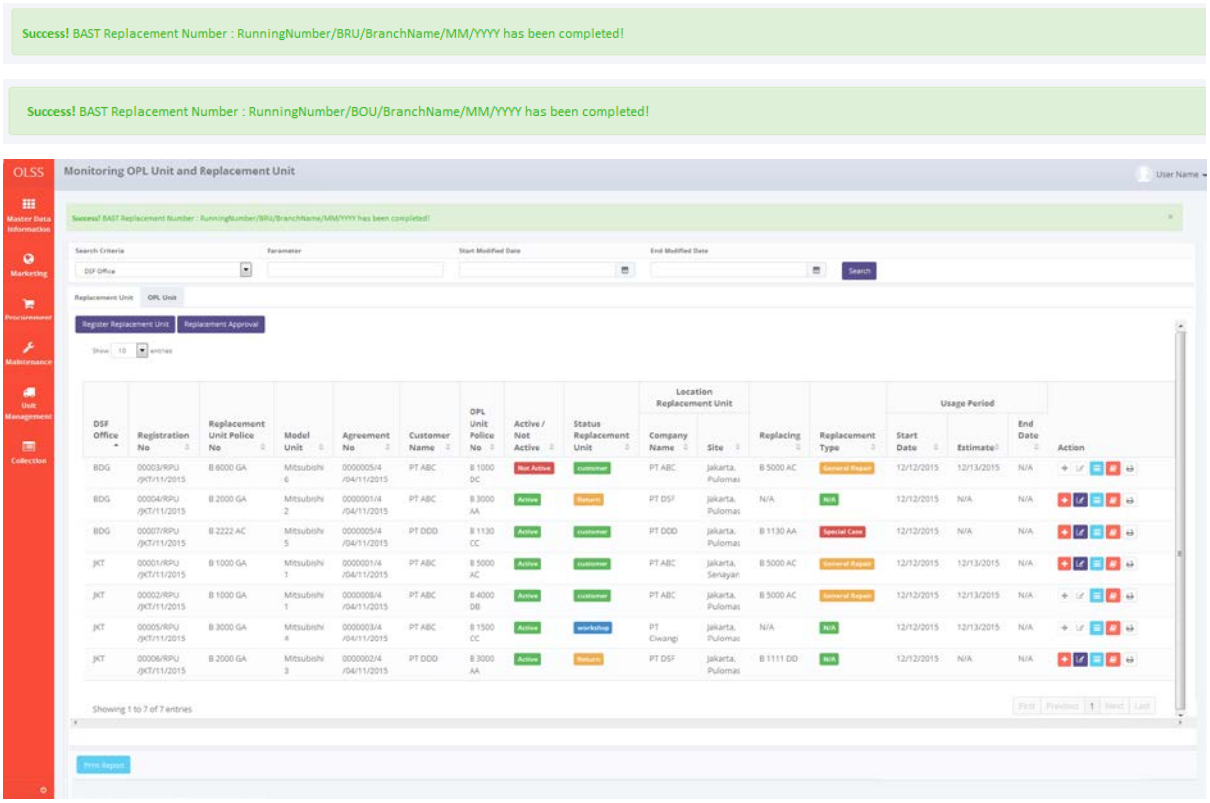
Screen 27. Notification Pop Up When Save Change BAST Replacement

- *Notification Pop Up When Submit BAST Replacement*



Screen 28. Notification Pop Up When Submit BAST Replacement

- *Notification Pop Up When Save as Final BAST Replacement*



Screen 29. Notification Pop Up When Save as Final BAST Replacement

3.6 Component Screen Functionality

a. Monitoring OPL Unit and Replacement Unit – Replacement Unit

Here are the screen functions from each component in **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit tab**:

No	Component	Name	Function
Header			
1	Label	Monitoring OPL Unit and Replacement unit	Monitoring OPL Unit and Replacement Unit title
Search Criteria			
2	Drop down box	Search Criteria	To select category for searching replacement unit data
3	Text field	Parameter	To input parameter for searching replacement unit data
4	Date Picker	Start Modified Date	To input start period based on update date when print replacement unit data report
5	Date Picker	End Modified Date Period	To input end period based on update date when print replacement unit data report
6	Button	Search	To search replacement unit data based on selected criteria

List of Tab			
7	Tab	Monitoring OPL Unit and Replacement Unit – Replacement Unit	To display information availabitily status and location of Replacement Unit
8	Button	Register Replacement Unit	To register replacement unit
9	Button	Approval Replacement	To display list of approval replacement unit due to Special Case (*refer to FC.AD.1.6 Replacement Unit Approval*)
10	Label	DSF Office	To display DSF Office/ Branch of Unit OPL
11	Label	Registration Number	To display registration number of Replacement unit
12	Label	Replacement Unit Police No	To display list Police No of Replacement Unit
13	Label	Model Unit	To display unit model description of Unit Replacement
14	Label	Agreement No	To display list agreement number of OPL unit
15	Label	Customer Name	To display Customer Name based on agreement
16	Label	OPL Unit Police No	To display list Police No of OPL Unit
17	Label	Active/Not Active	To display status Active/ Not Active of Replacement Unit still supports for one unit OPL in Agreement Number
18	Label	Status Replacement Unit	To display Status of Unit; Customer, Return, Workshop, Claim Insurance)
19	Label	Location Replacement Unit – Company Name	To display location of unit (Company name)
20	Label	Location Replacement Unit – Site	To display location of unit (location of company)
21	Label	Replacing	To display information of OPL unit that being replace by replacement unit
22	Label	Replacement Type	To display information of replacement type; General Repair, Special Case, Insurance
23	Label	Usage Period – Start Date	To display information of Start Date Replacement Unit Usage
24	Label	Usage Period – Estimation	To display information of Estimation Replacement Unit Usage
25	Label	Usage Period – End Date	To display information of End Date Replacement Unit Usage
26	Label	Create By (BAST)	To display information Create By BAST
27	Label	Create Date (BAST)	To display information Create Date BAST

28	Label	Last Modified By (BAST)	To display information Last Modified By BAST
29	Label	Last Modified Date (BAST)	To display information Last Modified Date BAST
30	Button	Action – Create BAST	To create BAST of Replacement Unit
31	Button	Action – Edit BAST	To edit BAST of Replacement Unit
32	Button	Action – View BAST	To view BAST of Replacement Unit
33	Button	Action – Print BAST	To print BAST of Replacement Unit
34	Button	Action – View History BAST	To view history BAST of Replacement Unit
35	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
36	Link	First Page	To show the first page entry
37	Link	Previous Page	To show the previous page entry
38	Link	Page Number	To show the page screen according the number
39	Link	Next Page	To show the next page entry
40	Link	Last Page	To show the last page entry
Footer			
41	Button	Print Report	To print report replacement unit report as shown on the list

b. Register Unit Replacement Pop Up Dialog

Here are the screen functions from each component in **Screen 2. Register Unit Replacement Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Register Unit Replacement	Register Unit Replacement title
List of Tab			
2	Dropdown	Action	To select action; 1. Add → Register new data 2. Update → Update existing Data
3	Text field	Registration Number	To display registration Number automatically
4	Radio Button	Status - Active	To select status of replacement unit; Active
5	Radio Button	Status – Not Active	To select status of replacement unit; Active
6	Text field	DSF Office	To select DSF Office short name
7	Text field	Source Location (City)	To input source location of replacement unit
8	Search Box	Police Number	To select and input Police Number of replacement unit

9	Search Box	Model Replacement Unit	To select and display selected Model of Replacement Unit
10	Text field	Machine Number	To input and display machine number of Replacement Unit
11	Text field	Chassis Number	To input and display chassis Number of Replacement Unit
12	Text field	Colour	To input and display colour of unit
13	Calendar Picker	STNK Start Date	To select and display STNK Start Date
14	Calendar Picker	STNK End Date	To select and display STNK End Date
15	Calendar Picker	KEUR Start Date	To select and display KEUR Start Date
16	Calendar Picker	KEUR End Date	To select and display KEUR End Date
17	Text field	Insurance Company	To input and display Insurance Company
18	Text field	Insurance Policy Number	To input and display Insurance Policy Number
19	Calendar Picker	Insurance Start Date	To select and display Insurance Company
20	Calendar Picker	Insurance End Date	To input and display Insurance Company
21	Search Box	Agreement Number	To select and display selected agreement number of OPL Unit
22	Text field	Customer Name	To display customer name automatically based on selected Agreement Number
23	Text field	Police Number OPL Unit	To select Police Number of OPL unit
24	Search Box	Model OPL Unit	To display Model of OPL Unit based on selected agreement number
Footer			
25	Button	Save	To save new or update registration unit replacement data
26	Button	Cancel	To cancel process update or create new registration unit replacement data

c. Registration Number List Pop Up Dialog

Here are the screen functions from each component in **Screen 3. Registration Number List Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Registration Number	Registration Number title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search registration number based on input character searching
List			

4	Label	Registration No	To display registration Number automatically
5	Label	Replacement Unit Police No	To display list Police No of Replacement Unit
6	Label	Model Unit	To display unit model description of Unit Replacement
7	Label	OPL Unit Police No	To display list Police No of OPL Unit based on selected Agreement No
8	Label	Agreement No	To display list agreement number of OPL unit
9	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
10	Link	First Page	To show the first page entry
11	Link	Previous Page	To show the previous page entry
12	Link	Page Number	To show the page screen according the number
13	Link	Next Page	To show the next page entry
14	Link	Last Page	To show the last page entry
Footer			
15	Button	Close	To close pop up windows

d. DSF Office List Pop Up Dialog

Here are the screen functions from each component in **Screen 4. DSF Office List**:

No	***Component***	***Name***	***Function***
Header			
1	Label	DSF Office List	DSF Office title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search DSF Office based on input character searching
List			
4	Label	Office Short Name	To display DSF Office short name
5	Label	Office Name	To display Office Name
6	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
7	Link	First Page	To show the first page entry
8	Link	Previous Page	To show the previous page entry
9	Link	Page Number	To show the page screen according the number
10	Link	Next Page	To show the next page entry
11	Link	Last Page	To show the last page entry

Footer			
12	Button	Close	To close pop up windows

e. Replacement Unit Police Number

Here are the screen functions from each component in **Screen 5. Replacement Unit List pop Up Dialog:**

No	*Component*	*Name*	*Function*
Header			
1	Label	Replacement Unit Police Number List	Replacement Unit Police Number List title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search police number of replacement unit
List			
4	Label	Police Number	To display list of Brand Name Replacement Unit
5	Label	Created Date	To display list of Created Date
6	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
7	Link	First Page	To show the first page entry
8	Link	Previous Page	To show the previous page entry
9	Link	Page Number	To show the page screen according the number
10	Link	Next Page	To show the next page entry
11	Link	Last Page	To show the last page entry
Footer			
12	Button	Close	To close pop up windows

f. Model Name List Pop Up Dialog

Here are the screen functions from each component in **Screen 6. Model Name List Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Model Name List	Model Name List title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search Brand Name and Model Name of Replacement Unit based on input character searching

List			
4	Label	Brand Name	To display list of Brand Name Replacement Unit
5	Label	Model Name	To display list of Model name Replacement Unit
6	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
7	Link	First Page	To show the first page entry
8	Link	Previous Page	To show the previous page entry
9	Link	Page Number	To show the page screen according the number
10	Link	Next Page	To show the next page entry
11	Link	Last Page	To show the last page entry
Footer			
12	Button	Close	To close pop up windows

g. Agreement Number List

Here are the screen functions from each component in **Screen 7. Agreement Number List**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Agreement Number List	Agreement Number List title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search Agreement number based on input character searching
List			
4	Label	Agreement Number	To display list of Agreement Number
5	Label	Customer Name	To display list of customer name of Agreement Number
6	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
7	Link	First Page	To show the first page entry
8	Link	Previous Page	To show the previous page entry
9	Link	Page Number	To show the page screen according the number
10	Link	Next Page	To show the next page entry
11	Link	Last Page	To show the last page entry
Footer			
12	Button	Close	To close pop up windows

h. OPL Police Number List

Here are the screen functions from each component in **Screen 8. OPL Police Number List**:

No	*Component*	*Name*	*Function*
Header			
1	Label	OPL Police Number List	OPL Police Number title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search Police Number of OPL Unit based on input character searching
List			
4	Radio Button	Select Police No	To select Police number of OPL Unit
5	Label	Police Number	To display list of Police number OPL Unit
6	Label	Status	To display list of status unit OPL whether already mapped to Replacement Unit or still not
7	Label	Showing 1 to *n* of *n* entries	Display the entries generated by search engine
8	Link	First Page	To show the first page entry
9	Link	Previous Page	To show the previous page entry
10	Link	Page Number	To show the page screen according the number
11	Link	Next Page	To show the next page entry
12	Link	Last Page	To show the last page entry
Footer			
13	Button	Close	To close pop up windows

i. Create BAST Replacement Pop Up Dialog

Here are the screen functions from each component in **Screen 9. Create BAST Replacement Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Create BAST Replacement	Pop Up Dialog title
Option			
2	Radio Button	BAST Replacement Unit	To select if user want create BAST Replacement Unit
3	Radio Button	BAST OPL Unit	To select if user want create BAST OPL Unit
Footer			

4	Button	Next	To continue process and go to Screen *Screen 13. Create BAST Replacement – Replacement Unit* or *Screen 14. Create BAST Replacement – OPL Unit*
5	Button	Close	To Cancel process and back to *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*

j. Edit BAST Replacement Pop Up Dialog

Here are the screen functions from each component in **Screen 10. Edit BAST Replacement Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Edit BAST Replacement	Pop Up Dialog title
Option			
2	Radio Button	BAST Replacement Unit	To select if user want edit or submit final BAST Replacement Unit
3	Radio Button	BAST OPL Unit	To select if user want edit or submit final BAST OPL Unit
Footer			
4	Button	Next	To continue process and go to Screen *Screen 15. Edit BAST Replacement – Replacement Unit* or *Screen 16. Edit BAST Replacement – OPL Unit*
5	Button	Close	To Cancel process and back to *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*

k. View BAST Replacement Pop Up Dialog

Here are the screen functions from each component in **Screen 11. View BAST Replacement Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	View BAST Replacement	Pop Up Dialog title
Option			
2	Radio Button	BAST Replacement Unit	To select if user want view BAST Replacement Unit
3	Radio Button	BAST OPL Unit	To select if user want view BAST OPL Unit
4	Search Box	BAST Number	To continue process and go to Screen *Screen 17. View BAST Replacement – Replacement Unit* or *Screen 18. View*

			BAST Replacement – OPL Unit
Footer			
5	Button	Next	To continue process and display preview of print out BAST Replacement form
6	Button	Close	To Cancel process and back to *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*

l. Print BAST Replacement Pop Up Dialog

Here are the screen functions from each component in **Screen 12. Print BAST Replacement Pop Up Dialog**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Print BAST Replacement	Pop Up Dialog title
Option			
2	Radio Button	BAST Replacement Unit	To select if user want print BAST Replacement Unit
3	Radio Button	BAST OPL Unit	To select if user want print BAST OPL Unit
4	Search Box	BAST Number	To select BAST Replacement Number to be viewed and go to *Screen 19. BAST List Pop Up Dialog*
Footer			
5	Button	Next	To continue process and display preview of print out BAST Replacement form
6	Button	Close	To Cancel process and back to *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*

m. Create BAST Replacement – Replacement Unit

Here are the screen functions from each component in **Screen 13. Create BAST Replacement – Replacement Unit**:

No	*Component*	*Name*	*Function*
Header			
1	Label	Create BAST Replacement	Create BAST Replacement title
2	Button	Back	To cancel process create BAST replacement
BAST Information			
3	Text field	BAST No	To display BAST No

4	Dropdown	Replacement Type	To select Replacement Type. Value dropdown: - General Repairment - Special Case - Insurance
Base Information			
5	Text field	Agreement No	To display agreement number automatically based on selected replacement unit
6	Text field	Company Name	To display customer company name number automatically based on selected Agreement Unit
7	Text field	Address	To display Address of customer company name automatically based on selected Agreement Unit
8	Text field	Telp Number	To input Telp Number of customer company name manually based on selected Agreement Unit
9	Text field	PIC Customer	To input PIC Customer of customer company name manually based on selected Agreement Unit
Replacement Unit			
10	Text field	Police Number Replacement Unit	To display Police Number of Replacement Unit
11	Text field	Merk/ Vehicle Type	To display Merk/ Vehicle Type of Replacement Unit
12	Text field	Years	To display Years of Replacement Unit
13	Text field	Colour	To display Colour of Replacement Unit
14	Text field	Chassis No	To display Chassis Number of Replacement Unit
15	Text field	Machine No	To display Machine Number of Replacement Unit
16	Text field	STNK Date	To display STNK Date of Replacement Unit
17	Text field	KEUR Date	To display KEUR Date of Replacement Unit
18	Calendar Picker	Start Date	To select Start Date of usage Replacement Unit
19	Calendar Picker	End Date Estimation	To select End Date of usage Replacement Unit
BAST Out and BAST In			
20	Tab	BAST Out	To input or display unit component of BAST replacement Out (deliver replacement unit to customer)
21	Tab	BAST In	To input or display unit component of BAST replacement In (receive replacement unit from customer)
22	Calendar Picker	Date Unit Out	To select date Replacement unit Out from DSF Office (Tab BAST Out)
23	Calendar Picker	Date Unit In	To select date Replacement unit Return to DSF Office (Tab BAST In)

24	Text field	KM	To input latest KM of Replacement unit
25	Dropdown	Fuel	To select fuel. Value of dropdown; E, 1/8 , ¼, ½, ¾, F
26	Text field	Driver Name	To input Driver name
27	Text field	Observer Name	To input Observer name
28	Text field	Branch/ Poll	To input Branch/ Poll
29	Text field	Remark	To input Remark
30	Text field	Usage Location	To input usage location of Replacement Unit (Tab BAST Out)
31	Text field	Return Location	To input return location of Replacement Unit (Tab BAST In)
Unit Component			
32	Label	No	Increment number of row
33	Label	Component	To input 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
34	Radio Button	Good	To select Condition of Unit
35	Radio Button	Damage	
36	Radio Button	Missing	
37	Radio Button	Not Exist	
38	Button	Add Item	To add Unit Component
39	Button	Delete	To delete Unit Component
40	Text field	Remark	To input Remark for notes body of paint of car
41	Button	Delete	To delete row unit component
Footer			
42	Button	Save as Draft	To save BAST Replacement as draft
43	Button	Submit	To Submit replacement unit data due to special case
44	Button	Print Memo	To print Memo due to special case

n. Create BAST Replacement – OPL Unit

Here are the screen functions from each component in **Screen 14. Create BAST Replacement – OPL Unit**:

See components screen of Screen 13. *Create BAST Replacement – Replacement Unit*, with modification component as below:

No	Component	Name	Function
OPL Unit			
1	Text field	Police Number OPL Unit	To display Police Number of OPL Unit
2	Text field	Merk/ Vehicle Type	To display Merk/ Vehicle Type of Replacement Unit
3	Text field	Years	To display Years of Replacement Unit
4	Text field	Colour	To display Colour of Replacement Unit
5	Text field	Chassis No	To display Chassis Number of Replacement Unit
6	Text field	Machine No	To display Machine Number of Replacement Unit
7	Text field	STNK Date	To display STNK Date of OPL Unit
8	Text field	KEUR Date	To display KEUR Date of OPL Unit
9	Calendar Picker	Start Date	To select Start Date of repairment OPL Unit
10	Calendar Picker	End Date Estimation	To select End Date of OPL Unit repairment
BAST Out and BAST In			
11	Tab	BAST Out	To input or display unit component of BAST replacement Out (deliver OPL unit to workshop)
12	Tab	BAST In	To input or display unit component of BAST replacement In (return OPL unit to customer)
13	Calendar Picker	Date Unit Out	To select date OPL unit Out from Customer Office (Tab BAST Out)
14	Calendar Picker	Date Unit In	To select date OPL unit return to Customer Office (Tab BAST In)
15	Text field	Damage Location	To input Damage location of OPL Unit (Tab BAST Out)
16	Text field	Return Location	To input return location of OPL Unit (Tab BAST In)
17	Text field	KM	To input latest KM of OPL unit
18	Dropdown	Fuel	To select fuel. Value of dropdown; E, 1/8 , ¼, ½, ¾, F
19	Text field	Driver Name	To input Driver name
20	Text field	Observer Name	To input Observer name
21	Text field	Branch/ Poll	To input Branch/ Poll
22	Text field	Remark	To input Remark

Then there are several component that will not available:

Footer			
1	Button	Submit	To re-submit replacement unit data due to special case

2	Button	Print Memo	To re-print Memo due to special case

o. Edit BAST Replacement – Replacement Unit

Here are the screen functions from each component in **Screen 15. Edit BAST Replacement – Replacement Unit**:

See components screen of Screen 13. *Create BAST Replacement – Replacement Unit*, with additional and modification component as below:

No	*Component*	*Name*	*Function*
Header			
1	Label	Edit BAST Replacement	Edit BAST Replacement title
BAST Information			
2	Search Box	BAST No	To select BAST Number that will be edited
3	Text field	Replacement Type	To display selected Replacement Type. Value: - General Repairment - Special Case - Insurance
Footer			
4	Button	Save as Change	To save changes or update BAST Replacement
5	Button	Submit	To re-submit replacement unit data due to special case
6	Button	Print Memo	To print Memo due to special case
7	Button	Save as Final	To firm BAST Replacement

p. Edit BAST Replacement – OPL Unit

Here are the screen functions from each component in **Screen 16. Edit BAST Replacement – OPL Unit**:

See components screen of Screen 13. *Create BAST Replacement – OPL Unit*, with additional and modification component as below:

No	*Component*	*Name*	*Function*
Header			
1	Label	Edit BAST Replacement	Edit BAST Replacement title
BAST Information			
2	Search Box	BAST No	To select BAST Number that will be edited
3	Text field	Replacement Type	To display selected Replacement Type. Value: - General Repairment - Special Case - Insurance

Footer			
4	Button	Save as Change	To save changes or update BAST Replacement
5	Button	Save as Final	To firm BAST Replacement

Then there are several component that will not available:

Footer			
1	Button	Submit	To re-submit replacement unit data due to special case
2	Button	Print Memo	To re-print Memo due to special case

q. View BAST Replacement – Replacement Unit

Here are the screen functions from each component in **Screen 17. View BAST Replacement – Replacement Unit**:

See components screen of Screen 13. *Create BAST Replacement – Replacement Unit*, all component will be Not Active and there are some modification as below:

No	***Component***	***Name***	***Function***
Header			
1	Label	View BAST Replacement	View BAST Replacement title

Then there are several component that will not available:

Footer			
1	Button	Save as Draft	To save draft of BAST Replacement
2	Button	Submit	To re-submit replacement unit data due to special case
3	Button	Print Memo	To re-print Memo due to special case

r. View BAST Replacement – OPL Unit

Here are the screen functions from each component in **Screen 18. View BAST Replacement – OPL Unit**:

See components screen of Screen 13. *Create BAST Replacement – OPL Unit*, all component will be Not Active and there are some modification as below:

No	***Component***	***Name***	***Function***
Header			
1	Label	View BAST Replacement	View BAST Replacement title

Then there are several component that will not available:

Footer			
1	Button	Save as Draft	To save draft of BAST Replacement
2	Button	Submit	To re-submit replacement unit data due to special case
3	Button	Print Memo	To print Memo due to special case

s. BAST List Pop Up Dialog

Here are the screen functions from each component in **Screen 19. BAST List Pop Up Dialog**:

No	***Component***	***Name***	***Function***
Header			
1	Label	BAST List	BAST List title
2	Dropdown	Show Entries	To select number of row data that will be displayed in one screen (paging)
3	Text field	Search	To search BAST Number based on input criteria
List			
4	Label	BAST No	To display list of BAST Number
5	Label	Created Date	To display list of created date BAST Replacement Unit
Footer			
6	Button	Close	To close pop up windows

3.7 Operation Description

No.	Operation Name	Description
1	Initial view of List Monitoring OPL Unit and Replacement Unit – Replacement Unit tab	The screen for list of Monitoring OPL Unit and Replacement Unit – Replacement Unit tab: 1. Component Status;

Component	Name/Caption	Status
Label	Monitoring OPL Unit and Replacement unit	Active
Drop down box	Search Criteria	Active
Text field	Parameter	Active
Date Picker	Start Modified Date	Active
Date Picker	End Modified Date Period	Active
Button	Search	Active
Tab	Monitoring OPL Unit and Replacement Unit – Replacement Unit	Active
Button	Register Replacement Unit	Active
Button	Approval Replacement	Active
Label	DSF Office	Active
Label	Registration Number	Active

			Label	Replacement Unit Police No	Active
			Label	Model Unit	Active
			Label	Agreement No	Active
			Label	OPL Unit Police No	Active
			Label	Customer Name	Active
			Label	Active/ Not Active	Active
			Label	Status Replacement Unit	Active
			Label	Location of Replacing Unit	Active
			Label	Replacing	Active
			Label	Replacement Type	Active
			Label	Usage Period – Start Date	Active
			Label	Usage Period – Estimation	Active
			Label	Usage Period – End Date	Active
			Label	Create By (BAST)	Active
			Label	Create Date (BAST)	Active
			Label	Last Modified By (BAST)	Active
			Label	Last Modified Date (BAST)	Active
			Button	Action – Create BAST	Active
			Button	Action – Edit BAST	Active
			Button	Action – View BAST	Active
			Button	Action – Print BAST	Active
			Button	Action – View History BAST	Active
			Link	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
			Button	Print Report	Active

2	Initial view of Register Unit Replacement	The screen for <u>Register Unit Replacement</u>: 1. Component Status;

Component	Name/Caption	Status	Remark
Label	Register Unit Replacement	Active	
Dropdown	Action	Active	Value dropdown; 1. Add 2. Update Default value is Add
Text field/ Search Box	Registration Number	Active	1. If user click Action 'Add' then Registration Number will be Text field 2. If user click Action 'Update' then Registration Number will be Search Box
Radio Button	Status - Active	Active	

			Radio Button	Status – Not Active	Active	
			Text field	DSF Office	Active	
			Text field	Source Location (City)	Active	
			Search box	Police Number	Active	
			Search Box	Model Replacement Unit	Active	
			Text field	Machine Number	Active	
			Text field	Chassis Number	Active	
			Calendar Picker	STNK Start Date	Active	
			Calendar Picker	STNK End Date	Active	
			Calendar Picker	KEUR Start Date	Active	
			Calendar Picker	KEUR End Date	Active	
			Text field	Insurance Company	Active	
			Text field	Insurance Policy Number	Active	
			Calendar Picker	Insurance Start Date	Active	
			Calendar Picker	Insurance End Date	Active	
			Search Box	Agreement Number	Active	
			Text field	Customer Name	Active	Automatically
			Search Box	Model OPL Unit	Active	Automatically
			Text field	Police Number OPL Unit	Active	
			Button	Save	Active	
			Button	Cancel	Active	
3	Initial view of Registration Number List	The screen for Registration Number List: 1. Component Status;				

Component	Name/Caption	Status
Label	Registration Number	Active
Dropdown	Show Entries	Active
Text field	Search	Active
Label	Registration No	Active
Label	Replacement Unit Police No	Active
Label	Model Unit	Active
Label	OPL Unit Police No	Active
Label	Agreement No	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
Button	Close	Active

<table>
<tr><td></td><td>Initial view of DSF Office List</td><td>The screen for DSF Office List:
1. Component Status;
<table>
<tr><th>Component</th><th>Name/Caption</th><th>Status</th></tr>
<tr><td>Label</td><td>DSF Office List</td><td>Active</td></tr>
<tr><td>Dropdown</td><td>Show Entries</td><td>Active</td></tr>
<tr><td>Text field</td><td>Search</td><td>Active</td></tr>
<tr><td>Label</td><td>Office Short Name</td><td>Active</td></tr>
<tr><td>Label</td><td>Office Name</td><td>Active</td></tr>
<tr><td>Label</td><td>Showing 1 to n of n entries</td><td>Active</td></tr>
<tr><td>Link</td><td>First Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Previous Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Page Number</td><td>Active</td></tr>
<tr><td>Link</td><td>Next Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Last Page</td><td>Active</td></tr>
<tr><td>Button</td><td>Close</td><td>Active</td></tr>
</table></td></tr>
<tr><td>4</td><td>Initial view of Replacement Unit Police Number List</td><td>The screen for Replacement Unit Police Number List:
1. Component Status;
<table>
<tr><th>Component</th><th>Name/Caption</th><th>Status</th></tr>
<tr><td>Label</td><td>Replacement Unit Police Number List</td><td>Active</td></tr>
<tr><td>Dropdown</td><td>Show Entries</td><td>Active</td></tr>
<tr><td>Text field</td><td>Search</td><td>Active</td></tr>
<tr><td>Label</td><td>Police Number</td><td>Active</td></tr>
<tr><td>Label</td><td>Created Date</td><td>Active</td></tr>
<tr><td>Label</td><td>Showing 1 to n of n entries</td><td>Active</td></tr>
<tr><td>Link</td><td>First Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Previous Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Page Number</td><td>Active</td></tr>
<tr><td>Link</td><td>Next Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Last Page</td><td>Active</td></tr>
</table></td></tr>
<tr><td>5</td><td>Initial view of Model Name List</td><td>The screen for model Name List List:
1. Component Status;
<table>
<tr><th>Component</th><th>Name/Caption</th><th>Status</th></tr>
<tr><td>Label</td><td>Model Name List</td><td>Active</td></tr>
<tr><td>Dropdown</td><td>Show Entries</td><td>Active</td></tr>
<tr><td>Text field</td><td>Search</td><td>Active</td></tr>
<tr><td>Label</td><td>Brand Name</td><td>Active</td></tr>
<tr><td>Label</td><td>Model Name</td><td>Active</td></tr>
<tr><td>Label</td><td>Showing 1 to n of n entries</td><td>Active</td></tr>
<tr><td>Link</td><td>First Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Previous Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Page Number</td><td>Active</td></tr>
<tr><td>Link</td><td>Next Page</td><td>Active</td></tr>
<tr><td>Link</td><td>Last Page</td><td>Active</td></tr>
<tr><td>Button</td><td>Close</td><td>Active</td></tr>
</table></td></tr>
<tr><td>6</td><td>Initial view of Agreement Number List</td><td>The screen for Agreement Number List:
2. Component Status;
<table>
<tr><th>Component</th><th>Name/Caption</th><th>Status</th></tr>
<tr><td>Label</td><td>Agreement Number List</td><td>Active</td></tr>
<tr><td>Dropdown</td><td>Show Entries</td><td>Active</td></tr>
<tr><td>Text field</td><td>Search</td><td>Active</td></tr>
<tr><td>Label</td><td>Agreement Number</td><td>Active</td></tr>
<tr><td>Label</td><td>Customer Name</td><td>Active</td></tr>
<tr><td>Label</td><td>Showing 1 to n of n entries</td><td>Active</td></tr>
</table></td></tr>
</table>

		<table><tr><td>Link</td><td>First Page</td><td>Active</td></tr><tr><td>Link</td><td>Previous Page</td><td>Active</td></tr><tr><td>Link</td><td>Page Number</td><td>Active</td></tr><tr><td>Link</td><td>Next Page</td><td>Active</td></tr><tr><td>Link</td><td>Last Page</td><td>Active</td></tr><tr><td>Button</td><td>Close</td><td>Active</td></tr></table>
7	Initial view of Police Number List	The screen for OPL Police Number List: 1. Component Status; <table><tr><td>Component</td><td>Name/Caption</td><td>Status</td></tr><tr><td>Label</td><td>OPL Police Number List</td><td>Active</td></tr><tr><td>Dropdown</td><td>Show Entries</td><td>Active</td></tr><tr><td>Text field</td><td>Search</td><td>Active</td></tr><tr><td>Radio Button</td><td>Select Police No</td><td>Active</td></tr><tr><td>Label</td><td>Police No</td><td>Active</td></tr><tr><td>Label</td><td>Status</td><td>Active; 2 values that will be display are Registered, Available</td></tr><tr><td>Label</td><td>Showing 1 to n of n entries</td><td>Active</td></tr><tr><td>Link</td><td>First Page</td><td>Active</td></tr><tr><td>Link</td><td>Previous Page</td><td>Active</td></tr><tr><td>Link</td><td>Page Number</td><td>Active</td></tr><tr><td>Link</td><td>Next Page</td><td>Active</td></tr><tr><td>Link</td><td>Last Page</td><td>Active</td></tr><tr><td>Button</td><td>Close</td><td>Active</td></tr></table>
8	Initial view of Create BAST Replacement	1. The screen for Create BAST Replacement – Replacement Unit: Component Status Replacement Unit; <table><tr><td>Component</td><td>Name/Caption</td><td>Status</td><td>Remark</td></tr><tr><td>Label</td><td>Create BAST Replacement</td><td>Active</td><td></td></tr><tr><td>Button</td><td>Back</td><td>Active</td><td></td></tr><tr><td>Text field</td><td>BAST No</td><td>Active</td><td>Automatically</td></tr><tr><td>Dropdown</td><td>Replacement Type</td><td>Active</td><td></td></tr><tr><td>Text field</td><td>Agreement No</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Company Name</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Address</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Telp Number</td><td>Active</td><td></td></tr><tr><td>Text field</td><td>PIC Customer</td><td>Active</td><td></td></tr><tr><td>Text field</td><td>Police Number Replacement Unit</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Merk/ Vehicle Type</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Years</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Colour</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Chassis No</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>Machine No</td><td>Active</td><td>Automatically</td></tr><tr><td>Text field</td><td>STNK Date</td><td>Active</td><td>Automatically</td></tr></table>

			Text field	KEUR Date	Active	Automatically
			Calendar Picker	Start Date	Active	
			Calendar Picker	End Date Estimation	Active	
			Tab	BAST Out	Active	1. By default system will display input data for BAST Out 2. BAST Out fields will be Not Active if BASTOutStatus = 30 (Firmed)
			Tab	BAST In	Not Active	Will be active after BASTOutStatus = 30 (Firmed)
			Calendar Picker	Date Unit Out	Active	
			Text field	Usage Location	Active	
			Text field	Return Location	Active	
			Text field	KM	Active	
			Dropdown	Fuel	Active	
			Text field	Driver Name	Active	
			Text field	Observer Name	Active	
			Text field	Branch/ Poll	Active	
			Text field	Remark	Active	
			Label	No	Active	
			Label	Component	Active	
			Radio Button	Good	Active	
			Radio Button	Damage	Active	
			Radio Button	Missing	Active	
			Radio Button	Not Exist	Active	
			Button	Add Item	Active	
			Button	Delete	Active	
			Text field	Remark	Active	
			Button	Save as Draft	Active	Will not active if user select Replacement type: Special Case
			Button	Print Memo	Not Active	Will be active only if user select Replacement type: Special Case

Button	Submit	Not Active	Will be active only if user select Replacement type: Special Case		

2. The screen for Create BAST Replacement – OPL Unit:
Component Status Replacement Unit;

Component	Name/Caption	Status	Remark
Text field	Police Number OPL Unit	Active	Automatically
Text field	Merk/ Vehicle Type	Active	Automatically
Text field	Years	Active	Automatically
Text field	Colour	Active	Automatically
Text field	Chassis No	Active	Automatically
Text field	Machine No	Active	Automatically
Text field	STNK Date	Active	Automatically
Text field	KEUR Date	Active	Automatically
Calendar Picker	Start Date	Active	
Calendar Picker	End Date Estimation	Active	
Tab	BAST Out	Active	1. By default system will display input data for BAST Out 2. BAST Out fields will be Not Active if BASTOutStatus = 30 (Firmed)
Tab	BAST In	Not Active	Will be active after BASTOutStatus = 30 (Firmed)
Calendar Picker	Date Unit Out	Active	
Calendar Picker	Date Unit In	Active	
Text field	Damage Location	Active	
Text field	Return Location	Active	
Text field	KM	Active	
Dropdown	Fuel	Active	
Text field	Driver Name	Active	
Text field	Observer Name	Active	
Text field	Branch/ Poll	Active	
Text field	Remark	Active	
Label	No	Active	
Label	Component	Active	
Radio Button	Good	Active	
Radio	Damage	Active	

			Button			
			Radio Button	Missing	Active	
			Radio Button	Not Exist	Active	
			Button	Add Item	Active	
			Button	Delete	Active	
			Text field	Remark	Active	
			Button	Save as Draft	Active	
9	Initial view of Edit BAST Replacement	1. The screen for Edit BAST Replacement – Replacement Unit: Component Status;				
			Component	Name/Caption	Status	Remark
			Label	Edit BAST Replacement	Active	
			Button	Back	Active	
			Text field	BAST No	Active	
			Dropdown	Replacement Type	Active	Automatically
			Text field	Agreement No	Active	Automatically
			Text field	Company Name	Active	Automatically
			Text field	Address	Active	Automatically
			Text field	Telp Number	Active	
			Text field	PIC Customer	Active	
			Text field	Police Number	Active	Automatically
			Text field	Merk/ Vehicle Type	Active	Automatically
			Text field	Years	Active	Automatically
			Text field	Colour	Active	Automatically
			Text field	Chassis No	Active	Automatically
			Text field	Machine No	Active	Automatically
			Text field	STNK Date	Active	Automatically
			Text field	KEUR Date	Active	Automatically
			Calendar Picker	Start Date	Active	
			Calendar Picker	End Date Estimation	Active	
			Tab	BAST Out	Active	1. BAST Out fields will be Not Active if BASTOutStatus = 30 (Firmed)
			Tab	BAST In	Active	Will be active after BASTOutStatus = 30 (Firmed)
			Calendar Picker	Date Unit Out	Active	
			Calendar Picker	Date Unit In	Active	
			Text field	Usage Location	Active	
			Text field	Return Location	Active	
			Text field	KM	Active	
			Dropdown	Fuel	Active	
			Text field	Driver Name	Active	
			Text field	Observer Name	Active	

			Text field	Branch/ Poll	Active	
			Text field	Remark	Active	
			Label	No	Active	
			Label	Component	Active	
			Radio Button	Good	Active	
			Radio Button	Damage	Active	
			Radio Button	Missing	Active	
			Radio Button	Not Exist	Active	
			Button	Add Item	Active	
			Button	Delete	Active	
			Text field	Remark	Active	
			Button	Save Change	Active	
			Button	Submit	Not Active	Will not active if user select Replacement type: Special Case
			Button	Print Memo	Not Active	Will not active if user select Replacement type: Special Case
			Button	Save as Final	Active	

2. The screen for Edit BAST Replacement – OPL Unit:
   Component Status;

Component	Name/Caption	Status	Remark
Label	Edit BAST Replacement	Active	
Button	Back	Active	
Text field	BAST No	Active	
Dropdown	Replacement Type	Active	Automatically
Text field	Agreement No	Active	Automatically
Text field	Company Name	Active	Automatically
Text field	Address	Active	Automatically
Text field	Telp Number	Active	
Text field	PIC Customer	Active	
Text field	Police Number	Active	Automatically
Text field	Merk/ Vehicle Type	Active	Automatically
Text field	Years	Active	Automatically
Text field	Colour	Active	Automatically
Text field	Chassis No	Active	Automatically
Text field	Machine No	Active	Automatically
Text field	STNK Date	Active	Automatically
Text field	KEUR Date	Active	Automatically
Calendar Picker	Start Date	Active	
Calendar	End Date	Active	

			Picker	Estimation		
			Tab	BAST Out	Active	1. BAST Out fields will be Not Active if BASTOutStatus = 30 (Firmed)
			Tab	BAST In	Active	Will be active after BASTOutStatus = 30 (Firmed)
			Calendar Picker	Date Unit Out	Active	
			Calendar Picker	Date Unit In	Active	
			Text field	Damage Location	Active	
			Text field	Return Location	Active	
			Text field	KM	Active	
			Dropdown	Fuel	Active	
			Text field	Driver Name	Active	
			Text field	Observer Name	Active	
			Text field	Branch/ Poll	Active	
			Text field	Remark	Active	
			Label	No	Active	
			Label	Component	Active	
			Radio Button	Good	Active	
			Radio Button	Damage	Active	
			Radio Button	Missing	Active	
			Radio Button	Not Exist	Active	
			Button	Add Item	Active	
			Button	Delete	Active	
			Text field	Remark	Active	
			Button	Save Change	Active	
			Button	Save as Final	Active	
10	Initial view of View BAST Replacement	The screen for <u>View BAST Replacement – Replacement Unit and OPL Unit</u>: 1. Component Status;				
			Component	Name/Caption	Status	Remark
			Label	View BAST Replacement	Active	
			Button	Back	Active	
			Text field	BAST No	Active	
			Dropdown	Replacement Type	Not Active	automatically
			Text field	Agreement No	Not Active	Automatically
			Text field	Company Name	Not Active	Automatically
			Text field	Address	Not Active	Automatically
			Text field	Telp Number	Not Active	Automatically
			Text field	PIC Customer	Not Active	Automatically
			Text field	Police Number	Not Active	Automatically
			Text field	Merk/ Vehicle Type	Not Active	Automatically

			Text field	Years	Not Active	Automatically
			Text field	Colour	Not Active	Automatically
			Text field	Chassis No	Not Active	Automatically
			Text field	Machine No	Not Active	Automatically
			Text field	STNK Date	Not Active	Automatically
			Text field	KEUR Date	Not Active	Automatically
			Calendar Picker	Start Date	Not Active	Automatically
			Calendar Picker	End Date Estimation	Not Active	Automatically
			Tab	BAST Out	Active	Automatically
			Tab	BAST In	Active	Automatically
			Calendar Picker	Date Unit Out	Not Active	Automatically
			Text field	Usage Location/ Damage Location	Active	Automatically
			Text field	Return Location	Active	Automatically
			Text field	KM	Not Active	Automatically
			Dropdown	Fuel	Not Active	Automatically
			Text field	Driver Name	Not Active	Automatically
			Text field	Observer Name	Not Active	Automatically
			Text field	Branch/ Poll	Not Active	Automatically
			Text field	Remark	Not Active	Automatically
			Label	No	Not Active	Automatically
			Label	Component	Not Active	Automatically
			Radio Button	Good	Not Active	Automatically
			Radio Button	Damage	Not Active	
			Radio Button	Missing	Not Active	
			Radio Button	Not Exist	Not Active	
			Text field	Remark	Not Active	Automatically
11	Register Replacement Unit	Input: 1. Access OLSS 2. Select menu Management 3. Select sub menu Monitoring Unit OPL and Unit Replacement 4. Click button Register Replacement Unit on *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit* 5. Click Dropdown Action; Add 6. Select Status; Active or Not Active 7. Select DSF Office of Replacement Car 8. Input Source Location (City) of Replacement Unit 9. Select or Input Police Number of Replacement Unit 10. Select Model Unit of Replacement Unit - Double click on selected Agreement No list - Or input criteria searching on search box 11. Input Machine Number of Replacement Unit 12. Input Chassis Number of Replacement Unit 13. Input Colour of Replacement Unit 14. Select STNK Start Date and STNK End Date 15. Select KEUR Start Date and KEUR End Date (Optional/Not Mandatory) 16. Input Insurance Company 17. Input Insurance Policy Number				

18. Select Insurance Start Date and End Date
19. Select Agreement Number
    - Double click on selected Agreement No list
    - Or input criteria searching on search box
20. Select Police Number of OPL Unit
21. Click button save
22. Click button Close (X)

Constraint:
- For all input data cannot more than length on data structure
- For input date, End Date cannot less than Start Date

Process:

1. When user click button Register Replacement Unit, system will display **Screen 2. Register Unit Replacement Pop Up Dialog**
2. If user click dropdown - Add, then:
   Registration Number will be Text Field and by default is blank (will be set when button save clicked)

3. When user select DSF Office of Replacement Car, then system will display **Screen 4. DSF Office List.**
   3.1 By default system will display DSF Office list based on data stored on Tb_OPL_Branch. Data that will be displayed are; Branch Short Name (Tb_OPL_Branch.BranchCode) and Branch Name (Tb_OPL_Branch.BranchName)
   3.2 If user input criteria searching on search box, then system will filter DSF Office based on input criteria searching
   3.3 When user double click on selected row, then display screen will back to **Screen 2. Register Unit Replacement Pop Up Dialog**
4. Agreement Number search box disable until user Input information related to RPC Unit (Starts from Model Name upto information Insurance)
5. When user select Police number of Replacement Unit, then system will display information of Police number Replacement Unit that already registered at Tb_OPL_Unit.PoliceNo where Tb_OPL_Unit.IsOPL = 0, If Replacement Unit not registered yet, then user can input Police number of Replacement Unit. But if Replacement Unit already registered then user can select Replacement Unit and on *Screen 2. Register Unit Replacement*, field Model Unit, Machine Number, Chassis Number, Colour, STNK Start and End Date, KEUR Start and End Date will be input automatically.
6. When user select Model of Replacement Unit using search box, then system will display **Screen 5. Model Name list Pop Up Dialog.**
   6.1 By default system will display all Brand Name (Product.BrandName) and Model Name (Product.ModelName) that already register to system with number of row list based on selected show entries number
   6.2 If user input criteria searching on search box, then system will filter Brand Name based on input criteria searching
   6.3 When user double click on selected row, then display screen will back to **Screen 2. Register Unit Replacement Pop Up Dialog**
7. When user select Model of OPL Unit using search box, then system will

		display **Screen 5. Model Name list Pop Up Dialog.** 7.1 By default system will display all Brand Name (Product.BrandName) and Model Name (Product.ModelName) that already register to system with number of row list based on selected show entries number 7.2 If user input criteria searching on search box, then system will filter Brand Name based on input criteria searching 7.3 When user double click on selected row, then display screen will back to **Screen 2. Register Unit Replacement Pop Up Dialog** 8. When user select Start Date and End Date of STNK and KEUR of Replacement Unit, system will display format date in: MM/dd/yyyy (MM: month, dd: day, yyyy: year) 9. When user select Agreement Number using search box, then system will display **Screen 6. Agreement Number List Pop Up Dialog.** 9.1 By default system will display all Agreement No (OPLAgreement.AgreementNumber) and Customer Name (Customer.CustomerName, Where *OPLAgreement.CustomerCode* = Customer.CustomerCode) that already register to system with number of row list based on selected show entries number 9.2 System will only display Agreement Number where its status = 18 (Note: Open) Tb_OPL_OPLAgreement.Status = 18 9.3 If user input criteria searching on search box, then system will filter agreement number based on input criteria searching 9.4 When user double click on selected row, then display screen will back to **Screen 2. Register Unit Replacement Pop Up Dialog** 9.5 System will display Customer Name (Customer.CustomerName, Where *OPLAgreement.CustomerCode* = Customer.CustomerCode) based on selected Agreement Number automatically 10. When user select Police Number using search box, then system will display **Screen 7. OPL Police Number List.** 10.1 By default system will display all Police Number OPL Unit that already register to system (Unit.PoliceNumber, where Unit.IdAgreement = OPLAgreement.IdOPLAgreement) with number of row list based on selected show entries number. System will only display Unit.PoliceNumber based on selected Agreement Number on previous point. 10.2 System will display Status availability of Police number OPL unit with formula as below: - Check whether Police number OPL Unit (Tb_OPL_Unit.PoliceNo) already mapped with inputed Police number Replacement Unit on Text field *Screen 2 Register Unit Replacement Pop Up Dialog* on Table Tb_MGT_RegRPC (IdRPCUnit, IdOPL Unit, where Tb_OPL_Unit.IdProduct = IdRPCUnit AND Tb_OPL_Unit.IdProduct = IdOPLUnit) - If already registered then Status availability of Police Number OPL unit will be “Registered” - If not registered yet then Status availability of Police Number OPL unit will be “Available” 10.3 If user input criteria searching on search box, then system will filter Police number based on input criteria searching 10.4 When user double click on selected row, then display screen will back to **Screen 2. Register Unit Replacement Pop Up Dialog** 11. When user click button Save, system will display window confirmation: **Screen 19. Confirmation Pop Up When Register Replacement Unit** 12. If user click button Yes on window confirmation, then system will: 12.1 Generate Registration Number of Replacement Unit, with below format: 00001/RPU/JKT/11/2015 Segment 1: 5 digit running number (*get from table configuration field identifier 1, where document = Registration Replacement Car)* Segment 2: Identifier of document (RPU= Registration Replacement Car)

Segment 3: Branch Short Name
Segment 4: Month Registration actual date (get from TB_MGT_RegRPC.RegDate (YYYY-MM-DD), MM digit)
Segment 5: Year Registration actual date get from TB_MGT_RegRPC.RegDate (YYYY-MM-DD), YYYY digit)

12.2 Check whether Police Number of Replacement Unit that already input by user already exist at Tb_OPL_Unit.PoliceNo. if No then Replacement Unit will be registered to Tb_OPL_Unit

- Stored data into table Tb_OPL_Unit, with stored data are:
  - DSF Office → Tb_OPL_Unit.IdBranch, where Tb_OPL_Branch.BranchShortName = selected DSF Office
  - Model Replacement Unit → Tb_OPL_Unit.IdProduct, Check Product.IdProduct of selected Model Replacement Unit
  - Police Number of Replacement Unit → Tb_OPL_Unit.PoliceNo = input Police Number
  - Machine No → Tb_OPL_Unit.MachineNo = input Machine No
  - Chassis No → Tb_OPL_Unit.ChassisNo = input Chassis No
  - Colour → Tb_OPL_Unit.Colour = input Colour
  - Start Date STNK → Tb_OPL_Unit.StartSTNK = input Start Date STNK
  - End Date STNK → Tb_OPL_Unit.EndSTNK = input End Date STNK
  - Start Date KEUR → Tb_OPL_Unit.StartKEUR = input Start Date KEUR
  - End Date KEUR → Tb_OPL_Unit.EndKEUR = input End Date KEUR
  - Start Date Insurance → Tb_OPL_Unit.StartIns = input Start Date Insurance Policy
  - End Date Insurance → Tb_OPL_Unit.EndIns = input End Date Insurance Policy
  - Company Insurance → Tb_OPL_Unit.CompanyInsurance = Input Company Insurance
  - Insurance Number → Tb_OPL_Unit.InsuranceNumber = Insurance Number
  - Tb_OPL_Unit.IsOPL = 0 (Note: 0 = Replacement unit; 1 = OPL unit)
  - CreatedDate = Sys.CurrentDate
  - CreatedBy = Sys.CurrentUser

12.3 Stored data into table Tb_MGT_RegRPC, with stored data are:

- Registration Number → Tb_MGT_RegRPC.RegNo
- Model Replacement Unit → Tb_MGT_RegRPC.IdRPCUnit, Check Product.IdProduct of selected Model Replacement Unit
- DSF Office → Tb_MGT_RegRPC.IdBranch, checkTb_OPL_Unit.IdBranch of selected Branch short name
- Model Replacement Unit → Tb_MGT_RegRPC.IdRPCUnit, Check Product.IdProduct of selected Model Replacement Unit
- Police Number of Replacement Unit → RegRPC.RPCPoliceNo = input Police Number
- Agreement Number → RegRPC.IdAgreement AND Tb_MGT_RegRPC.AgreementNumber, Check OPLAgreement.IdOPLAgreement of selected Agreement Number
- Model OPL Unit → Tb_MGT_RegRPC.IdOPLUnit, Check Product.IdProduct of selected OPL Unit
- Status → Tb_MGT_RegRPC.IsActive = 1 (Note: 1 = Active; 0 = Not Active)
- Tb_MGT_RegRPC.IsCreatable :

- IsCreatable = 0 → if based on other RegNo its IdRPCUnit or IdOPLUnit IsCreatable = 0 and BASTOutStatus != Null
- IsCreatable = 1 → if based on other RegNo its IdRPCUnit or IdOPLUnit IsCreatable = 0 and BASTOutStatus = Null
- IsCreatable 1 → if based on other RegNo its IdRPCUnit or IdOPLUnit IsCreatable = 1 without checking for its BASTOutStatus

• Tb_MGT_RegRPC.RegDate = Sys.CurrentDate
• Tb_MGT_RegRPC.CreatedBy = Sys.CurrentUser

12.4 Check whether Police Number of Replacement Unit that already input by user is used by another OPL unit, with formula as below: Check Tb_MGT_Current.IdReplacingUnit, where Tb_MGT_Current.IdTb_OPL_Unit = Tb_MGT_RegRPC.IdRPCUnit.

- If Tb_MGT_Current.IdReplacingUnit = null AND there is no Tb_MGT_UnitStatusLoc (first time registration) Then system will display information on *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*
  - DSF Office (source: Tb_OPL_Branch.BranchShortName) *Where Tb_MGT_RegRPC.IdBranch = Tb_OPL_Branch.IdBranch*
  - Registration Number (source: Tb_MGT_RegRPC.RegNumber)
  - Replacement Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit*
  - Model Unit (source: Product.ModelName) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit AND Tb_OPL_Unit.IdProduct = Product.IdProduct*
  - Agreement No (source: OPLAgreement.AgreementNumber) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*
  - Customer Name (source: OPLAgreement.CustomerName) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*
  - OPL Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdTb_OPL_Unit*
  - Active/Not Active (source : Tb_MGT_RegRPC.IsActive)
  - Unit Status (value: “Return”)
  - Location of Replacement Unit
    Company Name Source : (value = “PT. DSF”)
    Site source : (value = input Source Location (City))
  - Replacing (value = “N/A”)
  - Replacement Type (value = “N/A”)
  - Period of usage – Start Date (value = “N/A”)
  - Period of usage – Estimation (value = “N/A”)
  - Period of usage – End Date (value = “N/A”)

- If Tb_MGT_Current.IdReplacingUnit = null AND Tb_MGT_UnitStatusLoc.Status = “Return”, Then system will display information on *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*
  - DSF Office (source: Tb_OPL_Branch.BranchShortName) *Where Tb_MGT_RegRPC.IdBranch = Tb_OPL_Branch.IdBranch*
  - Registration Number (source: Tb_MGT_RegRPC.RegNumber)
  - Replacement Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit*
  - Model Unit (source: Product.ModelName) *Where Tb_MGT_RegRPC.IdRPCUnit =*

		Tb_OPL_Unit.IdTb_OPL_Unit AND Tb_OPL_Unit.IdProduct = Product.IdProduct - Agreement No (source: OPLAgreement.AgreementNumber) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement* - Customer Name (source: OPLAgreement.CustomerName) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement* - OPL Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdTb_OPL_Unit* - Active/Not Active (source : Tb_MGT_RegRPC.IsActive) - Unit Status (value: “Return”) - Location of Replacement Unit Company Name Source : (value = “PT. DSF”) Site source : (value = input Source Location (City)) - Replacing (value = “N/A”) - Replacement Type (value = “N/A”) - Period of usage – Start Date (value = “N/A”) - Period of usage – Estimation (value = “N/A”) - Period of usage – End Date (value = “N/A”) • If Tb_MGT_Current.IdReplacingUnit = null AND Tb_MGT_UnitStatusLoc.Status = “Workshop”, Then system will display information on *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit* - DSF Office (source: Tb_OPL_Branch.BranchShortName) *Where Tb_MGT_RegRPC.IdBranch = Tb_OPL_Branch.IdBranch* - Registration Number (source: Tb_MGT_RegRPC.RegNumber) - Replacement Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit* - Model Unit (source: Product.ModelName) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit AND Tb_OPL_Unit.IdProduct = Product.IdProduct* - Agreement No (source: OPLAgreement.AgreementNumber) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement* - Customer Name (source: OPLAgreement.CustomerName) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement* - OPL Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdTb_OPL_Unit* - Active/Not Active (source : Tb_MGT_RegRPC.IsActive) - Unit Status (value: “Workshop”) - Location of Replacement Unit Column 1 source : (source: *Tb_MTN_UnderMT.Workshop*) *Where Tb_MGT_UnitStatusLoc.LineTrans = Tb_MTN_UnderMT.IdTb_MTN_UnderMT* Column 2 source : (source: Tb_MGT_UnitStatusLoc.Location) *Where Tb_MGT_Current.IdTb_MGT_UnitStatusLoc = Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc* - Replacing (value = “N/A”) - Replacement Type (value = “N/A”) - Period of usage – Start Date (source:

		Tb_MGT_UnitStatusLoc.StartDate) - Period of usage – Estimation (value = “N/A”) - Period of usage – End Date (value = “N/A”) • If Tb_MGT_Current.IdReplacingUnit = null AND Tb_MGT_UnitStatusLoc.Status = “Insurance Claim”, Then system will display information on *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit* - DSF Office (source: Tb_OPL_Branch.BranchShortName) *Where Tb_MGT_RegRPC.IdBranch = Tb_OPL_Branch.IdBranch* - Registration Number (source: Tb_MGT_RegRPC.RegNumber) - Replacement Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit* - Model Unit (source: Product.ModelName) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit AND Tb_OPL_Unit.IdProduct = Product.IdProduct* - Agreement No (source: OPLAgreement.AgreementNumber) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement* - Customer Name (source: OPLAgreement.CustomerName) *Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement* - OPL Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdTb_OPL_Unit* - Active/Not Active (source : Tb_MGT_RegRPC.IsActive) - Unit Status (value: “Insurance Claim”) - Location of Replacement Unit Company Name source: (source: *Tb_MTN_UnderMT.Workshop*) *Where Tb_MGT_UnitStatusLoc.LineTrans = Tb_MTN_UnderMT.IdTb_MTN_UnderMT* Site source : (source: Tb_MGT_UnitStatusLoc.Location) *Where Tb_MGT_Current.IdTb_MGT_UnitStatusLoc = Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc* - Replacing (value = “N/A”) - Replacement Type (value = “N/A”) - Period of usage – Start Date (source: Tb_MGT_UnitStatusLoc.StartDate) - Period of usage – Estimation (value = “N/A”) - Period of usage – End Date (value = “N/A”) • If Tb_MGT_Current.IdReplacingUnit != null, then on *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit* will be displayed information as below: - DSF Office (source: Tb_OPL_Branch.BranchShortName) *Where Tb_MGT_RegRPC.IdBranch = Tb_OPL_Branch.IdBranch* - Registration Number (source: Tb_MGT_RegRPC.RegNumber) - Replacement Unit Police No (source: Tb_OPL_Unit.PoliceNo) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit* - Model Unit (source: Product.ModelName) *Where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdTb_OPL_Unit AND Tb_OPL_Unit.IdProduct = Product.IdProduct*

- Agreement No (source: OPLAgreement.AgreementNumber)
  Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement
- Customer Name (source: OPLAgreement.CustomerName)
  Where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement
- OPL Unit Police No (source: Tb_OPL_Unit.PoliceNo)
  Where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdTb_OPL_Unit
- Active/Not Active (source : Tb_MGT_RegRPC.IsActive)
- Unit Status (source: Tb_MGT_UnitStatusLoc.Status)
  Where Tb_MGT_Current.IdTb_MGT_UnitStatusLoc = Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc
- Location of Replacement Unit
  Company Name source : (source: OPLAgreement.CustomerName)
  Where Tb_MGT_Current.IdAgreement = OPLAgreement.IdOPLAgreement
  Site source : (source: Tb_MGT_UnitStatusLoc.Location)
  Where Tb_MGT_Current.IdTb_MGT_UnitStatusLoc = Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc
- Replacement Type (source: Tb_MGT_Current.ReplacingPLNo)
- Period of usage – Start Date (source: Tb_MGT_UnitStatusLoc.StartDate)
- Period of usage – Estimation (source: Tb_MGT_UnitStatusLoc.EstDate)
- Period of usage – End Date (source: Tb_MGT_UnitStatusLoc.EndDate)

10. When user click button Cancel or Close (X) after saved data, screen will back to *Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit*

Output:

1. System will display confirmation message **Screen 24. Notification Pop Up When Register Replacement Unit**

2. Data Replacement Unit will be display to **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit**

3. If status of replacement unit is Active (Tb_MGT_RegRPC.isActive = 1) then all button on field Action **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit** will be active.

4. But if status of replacement unit is Not Active (Tb_MGT_RegRPC.isActive = 0), then button Create and Edit Replacement Unit on field Action **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit** will be Not Active

5. If unit replacement is being used by other OPL unit (Tb_MGT_Current.IdReplacingUnit != null), then button Create and Edit Replacement Unit on field Action **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit** will be Not Active

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<table>
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Alternative:
1. If user click dropdown – Update on Screen 2. Register Unit Replacement Pop Up Dialog, then:
Registration Number will be Search Box and by default is blank (will be set when user select Registration Number)

2. Then, When user select Registration Number that will be updated using search box, then system will display Screen 3. Registration Number Pop up Dialog.
2.1 By default system will display all data Registration No of Replacement Unit (Tb_MGT_RegRPC.RegNumber) that already register to system with number of row list based on selected show entries number
2.2 If user input criteria searching on search box, then system will filter Registration number based on input criteria searching
2.3 When user double click on selected row, then display screen will back to Screen 2. Register Unit Replacement Pop Up Dialog
2.4 Automatically system will display information that already registered in table Tb_MGT_RegRPC based on selected Registration Number</td>
</tr>
<tr>
<td>12</td>
<td>Generate BAST Replacement</td>
<td>Input:
1. Access OLSS
2. Select menu Management
3. Select sub menu Monitoring Unit OPL and Unit Replacement
4. Click button Create Replacement Unit on Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit ( )
5. Select BAST that will be create: BAST Replacement Unit or BAST OPL Unit
6. Click button Next on Screen 9. Create BAST Replacement Pop Up Dialog
7. Select Replacement Type; General Repairment, Special Case, Insurance Claim
- If user select Special Case, user must input Note for request approval replacement unit to authorize person
8. Input Telp Number
9. Input PIC Customer
10. Input Start Date Usage Replacement Unit or Start Date Repairment OPL Unit
11. Input End Date Estimation Usage Replacement Unit or End Date Repairment OPL Unit
12. Select tab BAST Out and input several data as below:
12.1 Input Date Unit Out
12.2 Input Usage Location or Input Damage Location
12.3 Input KM
12.4 Input Fuel
12.5 Input Driver Name
12.6 Input Observer Name</td>
</tr>
</table>

12.7 Input Branch/ Poll
12.8 Input Remark
12.9 Input Unit Component
12.10 Select Condition of Unit Component
12.11 Add Item (optional)
12.12 Input Remark (Note: Body/ Paint of Car)

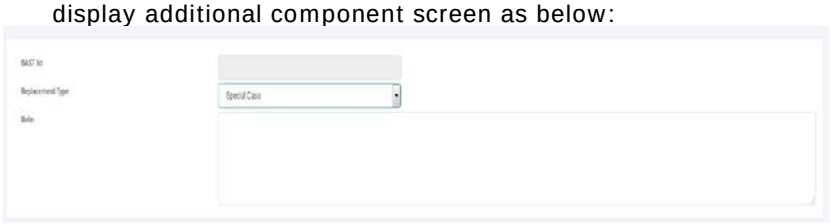
13. Click button Save as Draft

Constraint:

- For all input data cannot more than length on data structure
- For all input calendar, End Date cannot more than Start Date

Process:

1. When user click button generate Replacement Unit ( ), System will display **Screen 9. Create BAST Replacement Pop Up Dialog**
2. If user select BAST Replacement Unit, then after click button Next, system will display **Screen 13. Create BAST Replacement – Replacement Unit**
3. Text field BAST No will be blank
4. If user select BAST OPL Unit, then after click button Next, system will display **Screen 14. Create BAST Replacement – OPL Unit**
5. On **Screen 13. Create BAST Replacement – Replacement Unit** and On **Screen 14. Create BAST Replacement – OPL Unit:**
   5.1 If user select Replacement Type: General Repairment and Insurance, there is no additional component screen that will be display
   5.2 If user select Replacement Type: Special Case, then system will display additional component screen as below:



   5.3 On Section Base Information, system will display below data automatically:
   - Agreement No (Tb_MGT_RegRPC.AgreementNumber)
   - Company Name (OPLAgreement.CustomerName, where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)
   - Address (OPLAgreement.Address, where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)

   5.4 If user select BAST replacement unit, then on Section Replacement Unit, system will display below data automatically:
   - Police Number (Tb_OPL_Unit.PoliceNo, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
   - Merk/Vehicle Type (Product.ModelName, where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct)
   - Colour (Tb_OPL_Unit.Colour, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
   - Chassis No (Tb_OPL_Unit.ChassisNo, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
   - Machine No (Tb_OPL_Unit.MachineNo, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
   - STNK Date (Tb_OPL_Unit.EndSTNK, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)

		- KEUR Date (Tb_OPL_Unit.EndKEUR, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct) 5.5 If user select BAST OPL unit, then on Section Operating Lease Unit, system will display below data automatically: - Police Number (Tb_OPL_Unit.PoliceNo, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - Merk/Vehicle Type (Product.ModelName, where Tb_MGT_RegRPC.IdOPLUnit = Product.IdProduct) - Colour (Tb_OPL_Unit.Colour, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - Chassis No (Tb_OPL_Unit.ChassisNo, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - Machine No (Tb_OPL_Unit.MachineNo, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - STNK Date (Tb_OPL_Unit.StartSTNK, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - KEUR Date (Tb_OPL_Unit.StartKEUR, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) 5.6 On Section Unit Component Information, system will display below input data automatically: - Starter/Ignition System - Air Conditioner Merk… - STNK - Radio Tape/ Merk - CD Player/ Merk - Catridge/ Remote R/ Tape - Antena - Lighter/ Pematik - Asbak - Seat Cover/ Sarung Jok - Safety Belt - Head Rest - Lampu Plafon - Karpet Lembaran - Kotak P3K - Segitiga Pengaman - Perkakas Standar - Dongkrak/ Tuas - Dop Roda 4 Buah - Kaca Spion Dalam - Kaca Spion Luar - Ban 4 Buah - Ban Cadangan 1 Buah - Kipas/ Wiper - Buku Manual - Buku Service - Tutup Bensin - Lampu-lampu sein - Lampu Besar - Lampu Kecil - Lampu Rem - Lampu Mundur - Kaca Film 5.7 If user click button Add Item, then it will add row on selected tab; BAST Out and BAST In includes several components on each row: - Running Number - Component

- Condition; Good, Damage, Missing, Not Exist

5.8 Tab BAST In will be Not Active and cannot be clicked

6. Several component screen will be as below:
<u>If user select create BAST Replacement unit</u>

Replacement Type	Component		
	Button Save as Draft	Button Submit	Button Print Memo
General repairment	Active	Not Active	Not Active
Insurance	Active	Not Active	Not Active
Special Case	Active	Active	Active

<u>If user select create BAST OPL unit</u>

Replacement Type	Component		
	Button Save as Draft	Button Submit	Button Print Memo
General repairment	Active	Not Active	Not Active
Insurance	Active	Not Active	Not Active
Special Case	Active	Not Active	Not Active

7. When user click button Save as Draft, system will:
7.1 System will display **Screen 21. Confirmation Pop Up When Save as Draft BAST Replacement**
- If user click button Ok, then system will continue to process create BAST Replacement and generate BAST number

7.2 System will generate BAST Replacement number with below format automatically:
<u>BAST Replacement Unit</u>
00001/BRU/JKT/11/2015
Segment 1: 5 digit running number (*get from table configuration field identifier 1, where document = BAST Replacement Unit)*
Segment 2: Identifier of document (BRU = BAST Replacement Unit)
Segment 3: DSF Office Short Name
(Tb_OPL_Branch.BranchShortName, where Tb_OPL_Unit.IdBranch = Tb_OPL_Branch.IdBranch)
Segment 4: Month BAST actual date (get from current month)
Segment 5: Year BAST actual date (get from current year)

<u>BAST OPL Unit</u>
00001/BOU/JKT/11/2015
Segment 1: 5 digit running number (*get from table configuration field identifier 1, where document = BAST OPL Unit)*
Segment 2: Identifier of document (BOU = BAST OPL Unit)
Segment 3: DSF Office Short Name
(Tb_OPL_Branch.BranchShortName, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct AND Tb_OPL_Unit.IdBranch = Tb_OPL_Branch.IdBranch)
Segment 4: Month BAST actual date (get from current month)
Segment 5: Year BAST actual date (get from current year)

7.3 System will change Tb_MGT_RegRPC.IsCreatable into 0, if there is any IdRPCUnit or IdOPLUnit on other IdRegRPC
7.4 System will save data BAST Replacement to table Tb_MGT_BASTRPC

		with data as below: - BAST Number → Tb_MGT_BASTRPC.BASTNumber - Tb_MGT_BASTRPC.BASTType = 1 or 2 (Note: 1= BAST replacement Unit; 2= BAST OPL Unit) - Tb_MGT_BASTRPC.IdTb_MGT_RegRPC = Tb_MGT_RegRPC. IdTb_MGT_RegRPC → check Tb_MGT_RegRPC. IdTb_MGT_RegRPC of selected Registration RPC - Replacement Type → Tb_MGT_BASTRPC.RPCType - Telp Number → Tb_MGT_BASTRPC.TelpNumber - PIC Number → Tb_MGT_BASTRPC.PIC - Start Date Usage Replacement Unit → Tb_MGT_ BASTRPC.StartDate (If BAST Replacement Unit) - End Date Usage Replacement Unit → Tb_MGT_ BASTRPC.EstDate (If BAST Replacement Unit) - Start Date Repairment OPL Unit → Tb_MGT_ BASTRPC.StartDate (If BAST OPL Unit) - End Date Repairment OPL Unit → Tb_MGT_ BASTRPC.EstDate (If BAST OPL Unit) - Date BAST Out → Tb_MGT_BASTRPC.DateOut - KM Out → Tb_MGT_ BASTRPC.KMOut - Fuel Out → Tb_MGT_ BASTRPC.FuelOut - Driver Name Out → Tb_MGT_ BASTRPC.DriverOut - Branch/Poll Out → Tb_MGT_ BASTRPC.BranchOut - Status BAST Out → Tb_MGT_BASTRPC.BASTOutStatus = 1 (note: 1= draft; 2= Submitted; 30= Firmed) - Usage Location → Tb_MGT_ BASTRPC.UsageLoc - Damage Location → Tb_MGT_ BASTRPC.DamageLoc - Remark Out → Tb_MGT_ BASTRPC.RemarkOut 7.5 System will save data BAST Replacement to table Tb_MGT_BASTRPCDtl with data as below: - Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC - Unit Component → Tb_MGT_ BASTRPCDtl.Description - Condition → Tb_MGT_ BASTRPCDtl.BASTOutValue (value: 1: Good, 2: Damage, 3: Missing, 4: Not Exist) - Remark → Tb_MGT_ BASTRPCDtl.Remark 7.6 <u>For special case type,</u> system will save data BAST Replacement to table Tb_MGT_MemoRPC with data as below: • Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC • Memo Number → Tb_MGT_MemoRPC.MemoNo Format: 00001/MRU/JKT/11/2015 Segment 1: 5 digit running number (*get from table configuration field identifier 1, where document = Memo)* Segment 2: Identifier of document (MRU = Memo) Segment 3: DSF Office Short Name (Tb_OPL_Branch.BranchShortName, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct AND Tb_OPL_Unit.IdBranch = Tb_OPL_Branch.IdBranch) Segment 4: Month BAST actual date (get from current month) Segment 5: Year BAST actual date (get from current year) • Memo date → Tb_MGT_MemoRPC.MemoDate • Memo Note → Tb_MGT_MemoRPC.Descripton

<table>
<tr>
<td></td>
<td></td>
<td>
• IsMemo → Tb_MGT_BASTRPC.IsMemo = 1 (note: 1= draft)

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

<table>
<tr><th>Field Name</th><th>Value</th></tr>
<tr><td>ProcessId</td><td>NewGUID</td></tr>
<tr><td>OriginalId</td><td>Tb_MGT_BASTRPC.IdTb_ MGT_BASTRPC</td></tr>
<tr><td>CreatedDate</td><td>Sys.CurrentDate</td></tr>
<tr><td>CreatedBy</td><td>Sys.CurrentUser</td></tr>
<tr><td>Action</td><td>Save as Draft</td></tr>
</table>

7.8 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

Output:
1. System will display pop up message:
Screen 26. Notification Pop Up When Save as Draft BAST Replacement
</td>
</tr>
<tr>
<td>13</td>
<td>Edit BAST Replacement</td>
<td>
Input:
1. Access OLSS
2. Select menu Management
3. Select sub menu Monitoring Unit OPL and Unit Replacement
4. Click button Edit Replacement Unit on Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit ( )
5. Click button Next on Screen 10. Edit BAST Replacement Pop Up Dialog
6. Edit Replacement Type; General Repairment, Special Case, Insurance Claim
- If user select Special Case, user must input Note for request approval replacement unit to authorize person
7. Edit Telp Number
8. Edit PIC Customer
9. Edit Start Date Usage Replacement Unit or Start Date Repairment OPL Unit
10. Edit End Date Estimation Usage Replacement Unit or End Date Repairment OPL Unit
11. Select tab BAST Out and edit several data as below:
11.1 Edit Date Unit Out
11.2 Edit Usage Location or Input Damage Location
11.3 Edit KM
11.4 Edit Fuel
11.5 Edit Driver Name
11.6 Edit Observer Name
11.7 Edit Branch/ Poll
11.8 Edit Remark
11.9 Edit Unit Component
11.10 Select Condition of Unit Component
11.11 Add Item (optional)
11.12 Edit Remark (Note: Body/ Paint of Car)
</td>
</tr>
</table>

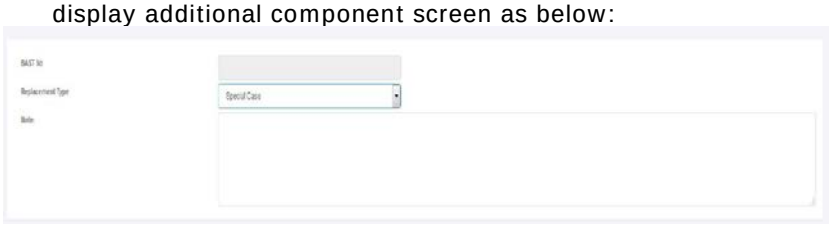
12. Or Select tab BAST In and input/edit several data as below:
    12.1 Input/edit Date Unit In
    12.2 Input/edit Return Location
    12.3 Input/edit KM
    12.4 Input/edit Fuel
    12.5 Input/edit Driver Name
    12.6 Input/edit Observer Name
    12.7 Input/edit Branch/ Poll
    12.8 Input/edit Remark
    12.9 Input/edit Unit Component
    12.10 Select Condition of Unit Component
    12.11 Add Item (optional)
    12.12 Edit Remark (Note: Body/ Paint of Car)

13. Click button Save Change

Constraint:
- For all input data cannot more than length on data structure
- For all input calendar, End Date cannot more than Start Date

Process:

1. When user click button Edit Replacement Unit ( ), System will display **Screen 9. Edit BAST Replacement Pop Up Dialog**
2. If user select BAST Replacement Unit, then after click button Next, system will display **Screen 15. Edit BAST Replacement – Replacement Unit**
3. If user select BAST OPL Unit, then after click button Next, system will display **Screen 16. Edit BAST Replacement – OPL Unit**
4. On **Screen 15. Create BAST Replacement – Replacement Unit** and On **Screen 16. Create BAST Replacement – OPL Unit:**
   4.1 If user select Replacement Type: General Repairment and Insurance, there is no additional component screen that will be display
   4.2 If user select Replacement Type: Special Case, then system will display additional component screen as below:



   4.3 On Section Base Information, system will display below data automatically:
   - Agreement No (Tb_MGT_RegRPC.AgreementNumber)
   - Company Name (OPLAgreement.CustomerName, where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)
   - Address (OPLAgreement.Address, where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement)

   Note: All information above canot be edit
   4.4 If user select BAST replacement unit, then on Section Replacement Unit, system will display below data automatically:
   - Police Number (Tb_OPL_Unit.PoliceNo, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct)
   - Merk/Vehicle Type (Product.ModelName, where

		Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct) - Year (Product.ModelYear, *where* T*b_MGT_RegRPC.IdRPCUnit = Product.IdProduct*) - Colour (Tb_OPL_Unit.Colour, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct) - Chassis No (Tb_OPL_Unit.ChassisNo, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct) - Machine No (Tb_OPL_Unit.MachineNo, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct) - STNK Date (Tb_OPL_Unit.StartSTNK, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct) - KEUR Date (Tb_OPL_Unit.StartKEUR, where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct) Note: All information above canot be edit 4.5 If user select BAST OPL unit, then on Section Operating Lease Unit, system will display below data automatically: - Police Number (Tb_OPL_Unit.PoliceNo, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - Merk/Vehicle Type (Product.ModelName, where Tb_MGT_RegRPC.IdOPLUnit = Product.IdProduct) - Year (Product.ModelYear, *where* T*b_MGT_RegRPC.IdOPLUnit = Product.IdProduct*) - Colour (Tb_OPL_Unit.Colour, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - Chassis No (Tb_OPL_Unit.ChassisNo, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - Machine No (Tb_OPL_Unit.MachineNo, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - STNK Date (Tb_OPL_Unit.StartSTNK, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) - KEUR Date (Tb_OPL_Unit.StartKEUR, where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct) Note: All information above canot be edit 4.6 Tab BAST In will be enable when Tb_MGT_BASTRPC.BASTOutStatus = 30 4.7 System will display Telp Number, PIC customer, and information in both tab BAST out and BAST in based on selected BAST Number with below formula: <u>Tab BAST Out:</u> - Date BAST Out → Tb_MGT_BASTRPC.DateOut - KM Out → Tb_MGT_ BASTRPC.KMOut - Fuel Out → Tb_MGT_ BASTRPC.FuelOut - Driver Name Out → Tb_MGT_ BASTRPC.DriverOut - Observer Name Out → Tb_MGT_ BASTRPC.ObserverOut - Branch/Poll Out → Tb_MGT_ BASTRPC.BranchOut - Usage Location → Tb_MGT_ BASTRPC.UsageLoc - Damage Location → Tb_MGT_ BASTRPC.DamageLoc - Remark Out → Tb_MGT_ BASTRPC.RemarkOut - Remark Out2 → Tb_MGT_ BASTRPC.RemarkOut2 <u>Tab BAST In:</u> - Date BAST In → Tb_MGT_BASTRPC.DateIn - KM In → Tb_MGT_ BASTRPC.KMIn - Fuel In → Tb_MGT_ BASTRPC.FuelIn - Driver Name In → Tb_MGT_ BASTRPC.DriverIn - Observer Name Out → Tb_MGT_ BASTRPC.ObserverIn - Branch/Poll In → Tb_MGT_ BASTRPC.BranchIn - Return Location → Tb_MGT_ BASTRPC.ReturnLoc

- Remark In → Tb_MGT_ BASTRPC.RemarkIn
- Remark In2 → Tb_MGT_ BASTRPC.RemarkIn2

4.8 On Section Unit Component Information, system will display below input data automatically based on selected BAST number which Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC. IdTb_MGT_BASTRPC AND Tb_MGT_BASTRPCDtl.BASTOutValue = 1 or 2 (Note: 1= BAST Detail Out; 2= BAST Detail In)

4.9 If user click button Add Item, then it will add row on selected tab; BAST Out and BAST In includes several components on each row:
- Running Number
- Component
- Condition; Good, Damage, Missing, Not Exist

5. Several component screen will be as below:

If user select create BAST Replacement unit

Replacement Type	Component			
	Button Save Change	Button Print Memo	Button Submit	Button Save as final
General repairment	Active	Not Active	Not Active	Active
Insurance	Active	Not Active	Not Active	Active
Special Case	Active	Active	Active	Active

If user select create BAST OPL unit

Replacement Type	Component			
	Button Save as Draft	Button Submit	Button Print Memo	Button Save as final
General repairment	Active	Not Active	Not Active	Active
Insurance	Active	Not Active	Not Active	Active
Special Case	Active	Not Active	Not Active	Active

6. When user click button Save Change, system will:

6.1 System will display **Screen 23. Confirmation Pop Up When Save Change BAST Replacement**
- If user click button Yes, then system will continue to process edit BAST Replacement for selected BAST number

6.2 System will save updated data BAST Replacement to table Tb_MGT_BASTRPC with data as below:
- BAST Number → Tb_MGT_BASTRPC.BASTNumber
- Tb_MGT_BASTRPC.BASTType = 1 or 2 (Note: 1= BAST replacement Unit; 2= BAST OPL Unit)
- Tb_MGT_BASTRPC.IdTb_MGT_RegRPC = Tb_MGT_RegRPC. IdTb_MGT_RegRPC → check Tb_MGT_RegRPC. IdTb_MGT_RegRPC of selected Registration RPC
- Replacement Type → Tb_MGT_BASTRPC.RPCType
- Telp Number → Tb_MGT_BASTRPC.TelpNumber
- PIC Number → Tb_MGT_BASTRPC.PIC
- Start Date Usage Replacement Unit → Tb_MGT_ BASTRPC.StartDate (If BAST Replacement Unit)
- End Date Usage Replacement Unit → Tb_MGT_ BASTRPC.EstDate (If BAST Replacement Unit)
- Start Date Repairment OPL Unit → Tb_MGT_ BASTRPC.StartDate

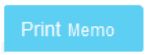
(If BAST OPL Unit)
- End Date Repairment OPL Unit → Tb_MGT_ BASTRPC.EstDate (If BAST OPL Unit)
- Date BAST Out → Tb_MGT_BASTRPC.DateOut
- Date BAST In → Tb_MGT_BASTRPC.DateIn
- KM Out → Tb_MGT_ BASTRPC.KMOut
- KM In → Tb_MGT_ BASTRPC.KMIn
- Fuel Out → Tb_MGT_ BASTRPC.FuelOut
- Fuel In → Tb_MGT_ BASTRPC.FuelIn
- Driver Name Out → Tb_MGT_ BASTRPC.DriverOut
- Driver Name In → Tb_MGT_ BASTRPC.DriverIn
- Branch/Poll Out → Tb_MGT_ BASTRPC.BranchOut
- Branch/Poll In → Tb_MGT_ BASTRPC.BranchOut
- Status BAST Out → Tb_MGT_BASTRPC.BASTOutStatus = 1 (note: 1= draft; 2= Submitted; 3= Firmed)
- Or Status BAST In → Tb_MGT_BASTRPC.BASTInStatus = 1 (note: 1= draft; 2= Submit)
- Usage Location → Tb_MGT_ BASTRPC.UsageLoc
- Damage Location → Tb_MGT_ BASTRPC.DamageLoc
- Damage Location → Tb_MGT_ BASTRPC.ReturnLoc

6.3 System will save data BAST Replacement to table Tb_MGT_BASTRPCDtl with data as below:
- Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC
- Unit Component → Tb_MGT_ BASTRPCDtl.Description
- Condition → Tb_MGT_ BASTRPCDtl.BASTOutValue or Tb_MGT_ BASTRPCDtl.BASTInValue (value: 1: Good, 2: Damage, 3: Missing, 4: Not Exist)
- Remark → Tb_MGT_ BASTRPCDtl.Remark

6.4 For special case:
- In tab BAST Out
  >> Button Save as Final can not be clicked until Tb_MGT_BASTOutStatus = 3 (Approved)
  >> Button Print Memo will always enable
  >> Button Submit will enable when:
  >>> Tb_MGT_BASTOutStatus = 1 (Draft)
  >>> Tb_MGT_BASTOutStatus = 4 (Revised)
- In tab BAST In
  >> Button Save as Final will always enable
  >> Button Save Change, Print Memo, and Submit disable

6.5 When Save Change 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	Save Change

		6.6 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 Output: 1. System will display pop up message: **Screen 27. Notification Pop Up When Save Change BAST Replacement**
14	Print Memo Replacement Unit	Input: 1. *Operation Name No. 10 Generate BAST Replacement no 1 – 12 or Operation Name No. 11 Edit BAST Replacement no 1 – 12* 2. Click button Print Memo  3. At print form preview, click print button to print document BAST as a hardcopy Process: 1. System will display print preview of Memo Replacement unit 2. If Tb_MGT_BASTRPC.BASTOutStatus = 2 (Submited) then field sign must display authorize name based on approval path 3. System will convert Memo into selected file type Ms. Excel or pdf and file will be stored in selected path with file name as below format: Memo Replacement Unit_MMddyyyy_hhmm Note: MMddyyyy → month,day,year when report printed hhmm → hours, minute when report printed Output: 1. Print out report list Print Out Memo Repacement Car
15	Submit Replacement Unit Request (Special Case) to get approval	Input: 1. *Operation Name No. 10 Generate BAST Replacement no 1 – 12 or Operation Name No. 11 Edit BAST Replacement no 1 – 12* 2. Click button Process: 1. Form BAST Replacement Unit will be display at Replacement Unit Approval (*refer to FC.AD.1.6 Replacement Unit Approval*) 2. System will update Tb_MGT_BASTRPC.BASTOutStatus = 1 into Tb_MGT_BASTRPC.BASTOutStatus = 2 (Note 1= Draft; 2= Submitted) Output: 1. Form BAST Replacement unit will goes to approval flow (*refer to FC.AD.1.6 Replacement Unit Approval*)
16	Print Replacement Unit	Input: 1. Access OLSS 2. Select menu Management 3. Select sub menu Monitoring Unit OPL and Unit Replacement 4. Click button Print Replacement Unit on **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit** ( ) 5. Select BAST Replacement Unit that will be printed using radio button (BAST Replacement Unit or BAST OPL Unit)

		6. Select BAST Replacement unit number using search box 7. Click button Next 8. At print form preview, click print button to print document BAST as a hardcopy. <u>Process:</u> 1. When user click button , system will display **Screen 12. Print BAST Replacement Pop Up Dialog** 2. When user select click serach box then system will display **Screen 19. BAST List Pop Up Dialog**: - By default system will display all BAST No (Tb_MGT_BASTRPC.BASTNumber) and Created Date (Tb_MGT_BASTRPC.CreatedDate) which Tb_MGT_BASTRPC.BASTOutStatus = 1 AND Tb_MGT_BASTRPC.RPCType = General Repair, Tb_MGT_BASTRPC.BASTOutStatus = 1 AND Tb_MGT_BASTRPC.RPCType = Insurance Tb_MGT_BASTRPC.BASTOutStatus = 3 AND Tb_MGT_BASTRPC.RPCType = Special Case that already register to system with number of row list based on selected show entries number. Note: Status 1 = Draft Status 2 = Submitted Status 3 = Approve - If user input criteria searching on search box, then system will filter BAST number number based on input criteria searching - When user double click on selected row, then display screen will back to **Screen 12. Print BAST Replacement Pop Up Dialog** 3. When click button Next, system will display preview of form BAST Replacement unit 4. By default system will display BAST that already created based on Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC 4. System will convert document BAST into selected file type Ms. Excel or pdf and file will be stored in selected path with file name as below format: BAST Replacement Unit_MMddyyyy_hhmm or BAST OPL Unit_MMddyyyy_hhmm Note: MMddyyyy → month,day,year when report printed hhmm → hours, minute when report printed 5. System will print document BAST as a hardcopy when user click print button at Print form preview. <u>Output:</u> 1. Print out form BAST Replacement **PF.AD.1.3 BAST OPL Unit** and BAST OPL Unit **PF.AD.1.4 BAST Replacement Unit** 2. Softcopy/ file BAST stored in selected type (optional)
17	View BAST Replacement	<u>Input:</u> 1. Access OLSS 2. Select menu Management 3. Select sub menu Monitoring Unit OPL and Unit Replacement 4. Click button Edit Replacement Unit on **Screen 1. Monitoring OPL Unit and Replacement Unit – Replacement Unit** ( ) 5. Select BAST that will be displayed using radio button: BAST Replacement

		Unit or BAST OPL Unit using search box 6. Select BAST Replacement unit number using search box 7. Click button Next on **Screen 10. View BAST Replacement Pop Up Dialog** <u>Process:</u> 1. When user click button , system will display **Screen 11. View BAST Replacement Pop Up Dialog** 2. When user select click search box then system will display **Screen 19. BAST List Pop Up Dialog**: - By default system will display all BAST No (Tb_MGT_BASTRPC.BASTNumber) and Created Date (Tb_MGT_BASTRPC.CreatedDate) which Tb_MGT_BASTRPC.BASTOutStatus = 1 AND Tb_MGT_BASTRPC.RPCType = General Repair, Tb_MGT_BASTRPC.BASTOutStatus = 1 AND Tb_MGT_BASTRPC.RPCType = Insurance Tb_MGT_BASTRPC.BASTOutStatus = 2 AND Tb_MGT_BASTRPC.RPCType = Insurance Tb_MGT_BASTRPC.BASTOutStatus = 3 AND Tb_MGT_BASTRPC.RPCType = Special Case that already register to system with number of row list based on selected show entries number. Note: Status 1 = Draft Status 2 = Submitted Status 3 = Approve - If user input criteria searching on search box, then system will filter BAST number number based on input criteria searching - When user double click on selected row, then display screen will back to **Screen 11. View BAST Replacement Pop Up Dialog** 3. When click button Next, system will display **Screen 17. View BAST Replacement – Replacement Unit** and **Screen 18. View BAST Replacement – OPL Unit** 4. System will display BAST that already created based on Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC <u>Output:</u> 1. Display BAST Replacement Unit or BAST OPL Unit
18	Update Replacement Unit based on BAST Out or In (BAST Replacement Unit)	A. <u>Update Final BAST Out</u> <u>Input:</u> 1. *Operation Name No. 11 Edit BAST Replacement no 1 – 12* 2. Select tab BAST Out 3. Click button <u>Process:</u> 1. When user click button Save as Final, system will: 1.1 System will display **Screen 24. Confirmation Pop Up When Save as Final BAST Replacement** - If user click button Yes, then system will continue to process submit final BAST Replacement for selected BAST number 1.2 System will save final data BAST Replacement to table Tb_MGT_BASTRPC based on selected BAST number: - Status BAST Out → Tb_MGT_BASTRPC.BASTOutStatus = 30 (note: 1= draft; 2= Submitted; 30= Firmed) 1.3 <u>For special case type,</u> system will save data BAST Replacement to table Tb_MGT_MemoRPC with data as below: - IsMemo → Tb_MGT_BASTRPC.IsMemo = 30 (note: 1= draft; 2=

Submitted; 30= Firmed)

1.4 System will update table Tb_MGT_UnitStatusLoc with below data:
- Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc → automatically
- Tb_MGT_UnitStatusLoc.IdTb_OPL_Unit = Tb_MGT_RegRPC.IdRPCUnit → Where Tb_MGT_BASTRPC. IdTb_MGT_RegRPC = IdTb_MGT_RegRPC
- Tb_MGT_UnitStatusLoc.Status → "Customer"
- Tb_MGT_UnitStatusLoc.Location = Tb_MGT_BASTRPC.UsageLoc
- Tb_MGT_UnitStatusLoc.StartDate = Tb_MGT_BASTRPC.StartDate
- Tb_MGT_UnitStatusLoc.EstDate = Tb_MGT_BASTRPC.EstDate
- Tb_MGT_UnitStatusLoc.EndDate = N/A
- Tb_MGT_UnitStatusLoc.Transcode = 5
  Note:
  1. BAST Receiving Delivery = 1
  2. BAST Return = 2
  3. Regular Maintenance = 3
  4. Irregular Maintenance = 4
  5. BAST Replacement = 5
  6. Insurance Claim = 6
- Tb_MGT_UnitStatusLoc.LineTrans = Tb_MGT_BASTRPC. IdTb_MGT_BASTRPC
- Tb_MGT_UnitStatusLoc.LastModifiedDate = Sys.CurrentDate
- Tb_MGT_UnitStatusLoc.UpdateBy = Sys.CurrentUser

1.5 System will update table Tb_MGT_Current with below data:
Search where Tb_MGT_Current.IdTb_OPL_Unit = Tb_MGT_UnitStatusLoc.IdTb_OPL_Unit
- Tb_MGT_Current.IdAgreement = Tb_MGT_RegRPC.IdOPLAgreement → Where Tb_MGT_BASTRPC. IdTb_MGT_RegRPC = IdTb_MGT_RegRPC
- Tb_MGT_Current.IdReplacingUnit = Tb_MGT_RegRPC.IdOPLUnit → Where Tb_MGT_BASTRPC. IdTb_MGT_RegRPC = IdTb_MGT_RegRPC
- Tb_MGT_Current.ReplacingPLNo = Tb_MGT_RegRPC.OPLPoliceNo → Where Tb_MGT_BASTRPC. IdTb_MGT_RegRPC = IdTb_MGT_RegRPC
- Tb_MGT_ Current.RPCType = Tb_MGT_BASTRPC.RPCType
- Tb_MGT_ Current.IdTb_MGT_UnitStatusLoc = Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc

1.6 When Save as Final 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	Save as Final

1.7 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

B. Update Final BAST In

Input:

1. *Operation Name No. 11 Edit BAST Replacement no 1 – 13*
2. Select tab BAST In
3. Click button

Process:

1. When user click button Save as Final, system will:
   1.1 System will display **Screen 24. Confirmation Pop Up When Save as Final BAST Replacement**
   - If user click button Yes, then system will continue to process submit final BAST Replacement for selected BAST number

   1.2 System will save final data BAST Replacement to table Tb_MGT_BASTRPC based on selected BAST number:
   - Status BAST In → Tb_MGT_BASTRPC.BASTInStatus = 30 (note: 1= draft; 2= Submit; 30=Firmed)

   1.3 System will update table Tb_MGT_UnitStatusLoc with below data:
   - Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc → automatically
   - Tb_MGT_UnitStatusLoc.IdTb_OPL_Unit = Tb_MGT_RegRPC.IdRPCUnit → Where Tb_MGT_BASTRPC. IdTb_MGT_RegRPC = IdTb_MGT_RegRPC
   - Tb_MGT_UnitStatusLoc.Status → "Return"
   - Tb_MGT_UnitStatusLoc.Location = Tb_MGT_BASTRPC.UsageLoc
   - Tb_MGT_UnitStatusLoc.StartDate = Tb_MGT_BASTRPC.StartDate
   - Tb_MGT_UnitStatusLoc.EstDate = Tb_MGT_BASTRPC.EstDate
   - Tb_MGT_UnitStatusLoc.EndDate = Tb_MGT_BASTRPC.EndDate
   - Tb_MGT_UnitStatusLoc.Transcode = 5
     Note:
     1. BAST Receiving Delivery = 1
     2. BAST Return = 2
     3. Regular Maintenance = 3
     4. Irregular Maintenance = 4
     5. BAST Replacement = 5
     6. Insurance Claim = 6
   - Tb_MGT_UnitStatusLoc.LineTrans = Tb_MGT_BASTRPC. IdTb_MGT_BASTRPC
   - Tb_MGT_UnitStatusLoc.LastModifiedDate = Sys.CurrentDate
   - Tb_MGT_UnitStatusLoc.UpdateBy = Sys.CurrentUser

   1.4 System will update table Tb_MGT_Current with below data:
   Search where Tb_MGT_Current.IdTb_OPL_Unit = Tb_MGT_UnitStatusLoc.IdTb_OPL_Unit
   - Tb_MGT_Current.IdAgreement = Tb_MGT_RegRPC.IdOPLAgreement → Where Tb_MGT_BASTRPC. IdTb_MGT_RegRPC = IdTb_MGT_RegRPC
   - Tb_MGT_Current.IdReplacingUnit = N/A
   - Tb_MGT_Current.ReplacingPLNo = N/A
   - Tb_MGT_ Current.RPCType = N/A
   - Tb_MGT_UnitStatusLoc.IdTb_MGT_UnitStatusLoc

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

<table>
<tr>
<td></td>
<td></td>
<td>
<table>
<tr><th>Field Name</th><th>Value</th></tr>
<tr><td>ProcessId</td><td>NewGUID</td></tr>
<tr><td>OriginalId</td><td>Tb_MGT_BASTRPC.IdTb_ MGT_BASTRPC</td></tr>
<tr><td>CreatedDate</td><td>Sys.CurrentDate</td></tr>
<tr><td>CreatedBy</td><td>Sys.CurrentUser</td></tr>
<tr><td>Action</td><td>Save as Final</td></tr>
</table>
1.6 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

Output:
1. System will display pop up message:
Screen 27. Notification Pop Up When Submit BAST Replacement
</td>
</tr>
<tr>
<td>19</td>
<td>System error message</td>
<td>
Process:
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”

Output:
1. A page with system error message will appear.
</td>
</tr>
</table>

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.Police Number	- If OPL Unit, source : Tb_MGT_BASTSupCust.PoliceNumber	No	Yes
EngineNumber	varchar	*20*	Tb_OPL_Unit.Engine Number	- 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

IsCreatabe	*Boolean*	*n/a*	Tb_MGT_RegRPC.IsCreatable			
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 already submitted)*	No	Yes
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
LastModifiedDate	*DateTime*	*50*	Tb_MGT_BASTRPC.LastModifiedDate		No	Yes
LastModifiedBy	*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_BASTRPCDtl	*integer*	*n/a*	Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPCDtl	***Primary key***	No	Yes
IdTb_MGT_BASTRPC	*integer*	*n/a*	Tb_MGT_BASTRPCDtl.IdTb_MGT_BASTRPC	***Foreign key***	No	Yes
Description	*varchar*	*50*	Tb_MGT_BASTRPCDtl.Description		Yes	No
BASTOutVal	*integer*	*n/a*	Tb_MGT_BASTRPCD	1 = Good	Yes	No

ue			tl. BASTOutValue	2 = Damage 3 = Missing 4 = Not Exist		
BASTInValue	*integer*	*n/a*	Tb_MGT_BASTRPCDtl. BASTOutValue	1 = Good 2 = Damage 3 = Missing 4 = Not Exist		
CreatedBy	*varchar*	*50*	Tb_MGT_BASTRPCDtl.CreatedBy		No	Yes
CreatedDate	*DateTime*	*n/a*	Tb_MGT_BASTRPCDtl.CreatedDate		No	Yes
LastModifiedDate	*DateTime*	*50*	Tb_MGT_BASTRPCDtl.LastModifiedDate		No	Yes
LastModifiedBy	*varchar*	*n/a*	Tb_MGT_BASTRPCDtl.LastModifiedBy		No	Yes
IsDelete	*Boolean*	*n/a*	Tb_MGT_BASTRPCDtl.IsDelete		No	Yes
RemarkSys	*varchar*	*100*	Tb_MGT_BASTRPCDtl.RemarkSys		No	Yes

Tb_MGT_UnitStatusLoc

Field Name	*Data Type*	*Length*	*Source*	*Remarks*	*Nullable*	*Mandatory*
IdTb_MGT_UnitStatusLoc	*Integer*	*n/a*	Tb_MGT_UnitStatusLoc.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_UnitStatusLoc.Status		No	Yes
Location	*Varchar*	*30*	Tb_MGT_UnitStatusLoc.Location		No	Yes
StartDate	*Date*	*n/a*	Tb_MGT_UnitStatusLoc.StartDate	*Format display on screen: MM/dd/yyyy*	No	Yes
EstDate	*Date*	*n/a*	Tb_MGT_UnitStatusLoc.EstDate	*Format display on screen: MM/dd/yyyy*	Yes	No
EndDate	*Date*	*n/a*	Tb_MGT_UnitStatusLoc.EndDate	*Format display on screen: MM/dd/yyyy*	Yes	No
TransCode	*Integer*	*n/a*	Tb_MGT_UnitStatusLoc.TransCode	Transaction Code: 1. BAST Receiving Delivery = 1 2. BAST Return = 2 3. Regular Maintenance = 3 4. Irregular Maintenance = 4 5. BAST Replacement = 5 6. Insurance Claim = 6	No	Yes
LineTrans	*Integer*	*n/a*	Tb_MGT_UnitStatusLoc.LineTrans		No	Yes
LastModifiedDate	*DateTime*	*n/a*	Tb_MGT_UnitStatusLoc.LastModifiedDate		No	Yes

LastModified By	*Varchar*	*50*	Tb_MGT_UnitStatus Loc.LastModifiedBy		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

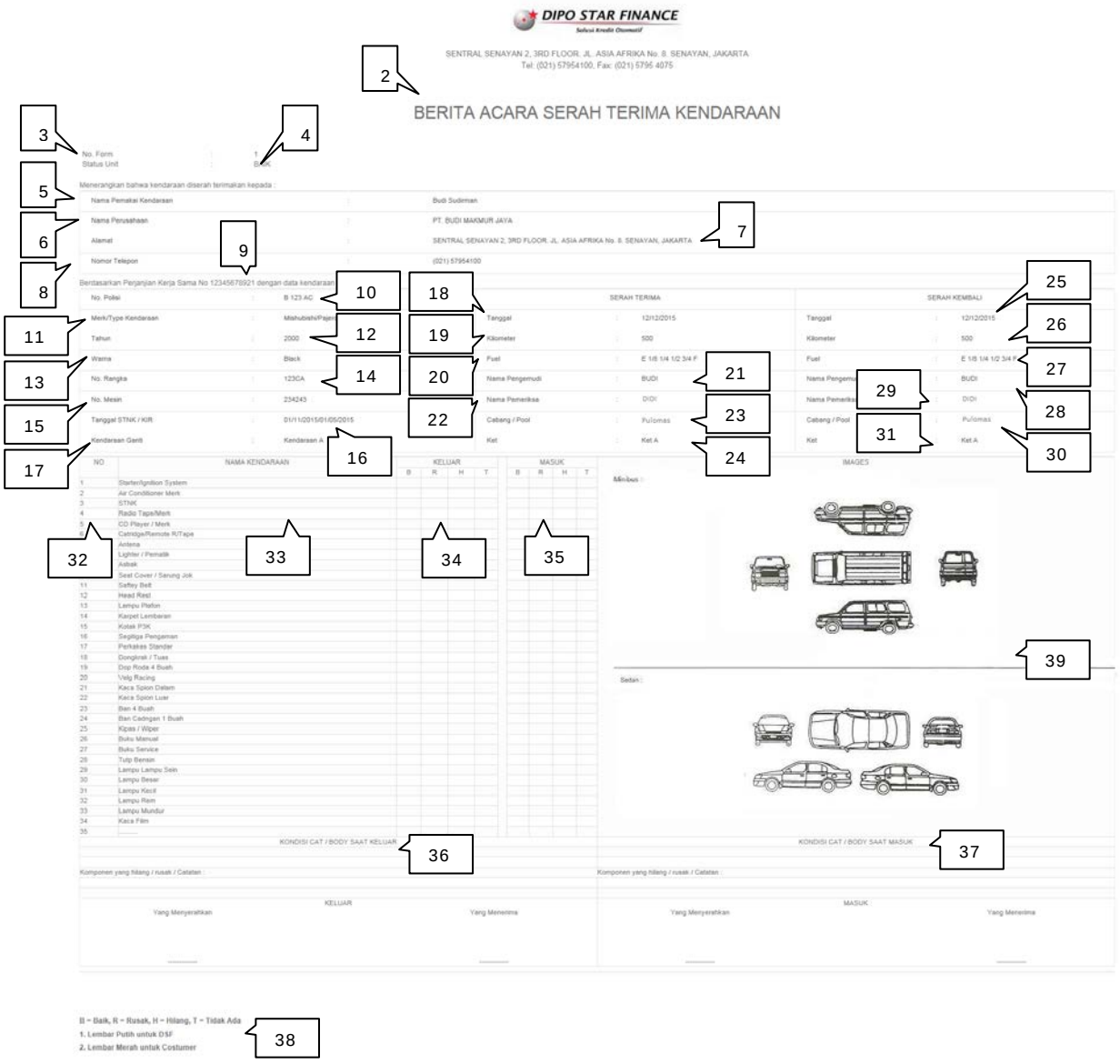
Field Name	*Data Type*	*Length*	*Source*	*Remarks*	*Nullable*	*Mandatory*
IdTb_MGT_Current	*Integer*	*n/a*	Tb_MGT_Current. IdTb_MGT_Current	***Primary key***	No	Yes
IdTb_OPL_Unit	*integer*	*n/a*	Tb_OPL_Unit. IdTb_OPL_Unit	***Foreign Key***	No	Yes
IdAgreement	*integer*	*n/a*	OPLAgreement. IdOPLAgreement	***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
LastModified Date	*DateTim e*	*n/a*	Tb_MGT_UnitStatus Loc.LastModifiedDat e		No	Yes
LastModified By	*Varchar*	*50*	Tb_MGT_UnitStatus Loc.LastModifiedBy		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	*bit*	*n/a*	Tb_MGT_memoRPC. IsMemo		No	Yes
CreatedBy	*varchar*	*50*	Tb_MGT_memoRPC. CreatedBy		No	Yes

CreatedDate	*DateTime*	*n/a*	Tb_MGT_memoRPC.CreatedDate		No	Yes
LastModifiedDate	*DateTime*	*50*	Tb_MGT_memoRPC.LastModifiedDate		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

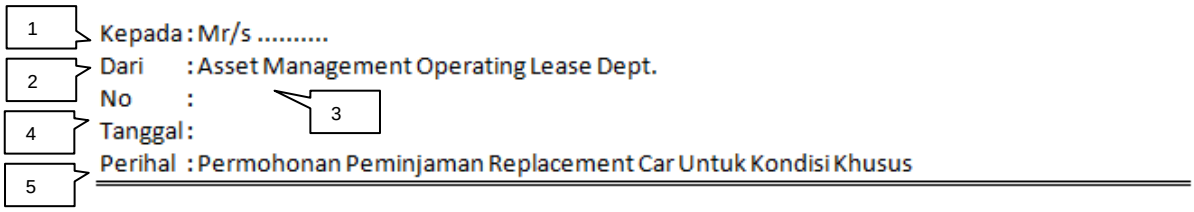


RPT.AD.1.3 BAST OPL Unit and RPT.AD.1.4 BAST Replacement Unit

No.	*Content*	*Description*	*Source*	*Remarks*
1	Logo	Logo PT. DSF and default address	Static	
2	Berita Acara Serah terima Kendaraan	Label Default	Static	
3	No Form	BAST Replacement Unit Number	Tb_MGT_RegRPC.BASTNumber	
		BAST OPL Unit Number	Tb_MGT_RegRPC.BASTNumber	
4	Status Unit	Status of unit, whether Replacement Unit or OPL unit	Tb_MGT_BASTRPC.BASTType	*If Tb_MGT_BASTRPC.BASTType = 1 then value = "Replacement Unit"* *If Tb_MGT_BASTRPC.BASTType = 1 then value = "Leased Unit"*
5	Nama Pemakai Kendaraan	PIC Customer	Tb_MGT_BASTRPC.PIC	
6	Nama Perusahaan	Customer Company Name	OPLAgreement.CustomerName	*where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*
7	Alamat	Customer Company Address	OPLAgreement.Address	*where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*
8	No Telepon	Telp Number Customer Company	Tb_MGT_BASTRPC.Telp	
9	Agreement Number	Agreement Number Customer	Tb_MGT_RegRPC.AgreementNumber	
10	No. Polisi	Police Number Replacement Unit	Tb_OPL_Unit.PoliceNo	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*
		Police Number OPL Unit	Tb_OPL_Unit.PoliceNo	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*
11	Merk/Tipe Kendaraan	Merk/Vehicle Type of Replacement Unit	Product.ModelName	*where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*
		Merk/Vehicle Type of OPL Unit	Product.ModelName	*where Tb_MGT_RegRPC.IdOPLUnit = Product.IdProduct*
12	Tahun	Model Year of Replacement Unit	Product.ModelYear	*where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*
		Model Year of OPL unit	Product.ModelYear	*where Tb_MGT_RegRPC.IdOPLUnit = Product.IdProduct*
13	Warna	Colour of Replacement Unit	Tb_OPL_Unit.Colour	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*
		Colour of OPL Unit	Tb_OPL_Unit.Colour	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*
14	No. Rangka	Colour of Replacement Unit	Tb_OPL_Unit.ChassisNo	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*
		Colour of OPL Unit	Tb_OPL_Unit.ChassisNo	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*

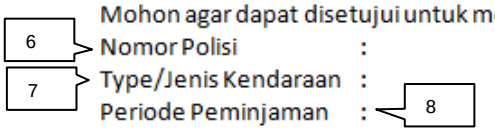
15	No. Mesin	Machine No of Replacement Unit	Tb_OPL_Unit.MachineNo	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*
		Machine No of OPL Unit	Tb_OPL_Unit.MachineNo	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*
16	Tanggal STNK/KEUR	STNK and KEUR Start Date	Tb_OPL_Unit.EndSTNK/ Tb_OPL_Unit.EndKEUR	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct / where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct* *Format display on report: MM/dd/yyyy*
		STNK and KEUR Start Date	Tb_OPL_Unit.StartSTNK/ Tb_OPL_Unit.StartKEUR	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct / where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct* *Format display on report: MM/dd/yyyy*
17	Kendaraan yang diganti	OPL unit (BAST Replacement Unit)	Tb_MGT_RegRPC.IdOPLUnit	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct / where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*
		Replacement Unit unit (BAST OPL Unit)	Tb_MGT_RegRPC.IdRPCUnit	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct / where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*
Serah Terima				
18	Tanggal	Date BAST Out	Tb_MGT_BASTRPC.DateOut	
19	Kilometer	KM Out	Tb_MGT_BASTRPC.KMOut	
20	Fuel	Fuel Out	Tb_MGT_BASTRPC.FuelOut	
21	Nama Pengemudi	Driver Name Out	Tb_MGT_BASTRPC.DriverOut	
22	Nama Pemeriksa	Observer Name Out	Tb_MGT_BASTRPC.ObserverOut	
23	Cabang/Pool	Branch/Poll Out	Tb_MGT_BASTRPC.BranchOut	
24	Ket	Remark Out	Tb_MGT_BASTRPC.RemarkOut	
Serah Kembali				
25	Tanggal	Date BAST In	Tb_MGT_BASTRPC.DateIn	

26	Kilometer	KM In	Tb_MGT_ BASTRPC.KMIn	
27	Fuel	Fuel In	Tb_MGT_ BASTRPC.FuelIn	
28	Nama Pengemudi	Driver Name In	Tb_MGT_ BASTRPC.DriverIn	
29	Nama Pemeriksa	Observer Name In	Tb_MGT_ BASTRPC.ObserverI n	
30	Cabang/Pool	Branch/Poll In	Tb_MGT_ BASTRPC.BranchIn	
31	Ket	Remark In	Tb_MGT_ BASTRPC.RemarkIn	
Component Unit				
32	No	Running Number	Automatically generate	
33	Nama Komponen	Component Name	Tb_MGT_ BASTRPCDtl.Descrip tion	
34	Keluar	Condition Out	Tb_MGT_ BASTRPCDtl.BASTO utStatus = 1	*value: 1: Good (B), 2: Damage (R), 3: Missing (H), 4: Not Exist (T)* *Where Tb_MGT_BASTRPCDtl.DtlStatus = 1*
35	Masuk	Condition In	Tb_MGT_ BASTRPCDtl.BASTO utStatus = 2	*value: 1: Good (B), 2: Damage (R), 3: Missing (H), 4: Not Exist (T)* *Where Tb_MGT_BASTRPCDtl.DtlStatus = 2*
36	Kondisi Cat/Body Saat Keluar	Remark Out	Tb_MGT_ BASTRPCDtl.Remar kOut2	*Where Tb_MGT_BASTRPCDtl.DtlStatus = 1*
37	Kondisi Cat/Body Saat Masuk	Remark In	Tb_MGT_ BASTRPCDtl.Remar kIn2	*Where Tb_MGT_BASTRPCDtl.DtlStatus = 2*
38	Label	Label Default	Static	*Default Value :* *B = Baik, R = Rusak, H = Hilang, T = Tidak Ada* *1. Lembar Putih untuk DSF* *2. Lembar Merah untuk Costumer*
39	Image	Image unit	Static	

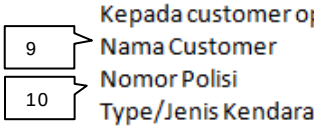


Dengan hormat,

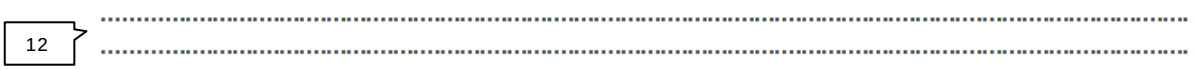
Mohon agar dapat disetujui untuk memberikan pinjaman unit replacement car berikut ini:



Kepada customer operating lease berikut ini:



Dengan alasan sebagai berikut:



Demikian permohonan ini disampaikan, terimakasih atas kerjasamanya

Diajukan oleh, Diketahui oleh, Disetujui oleh,

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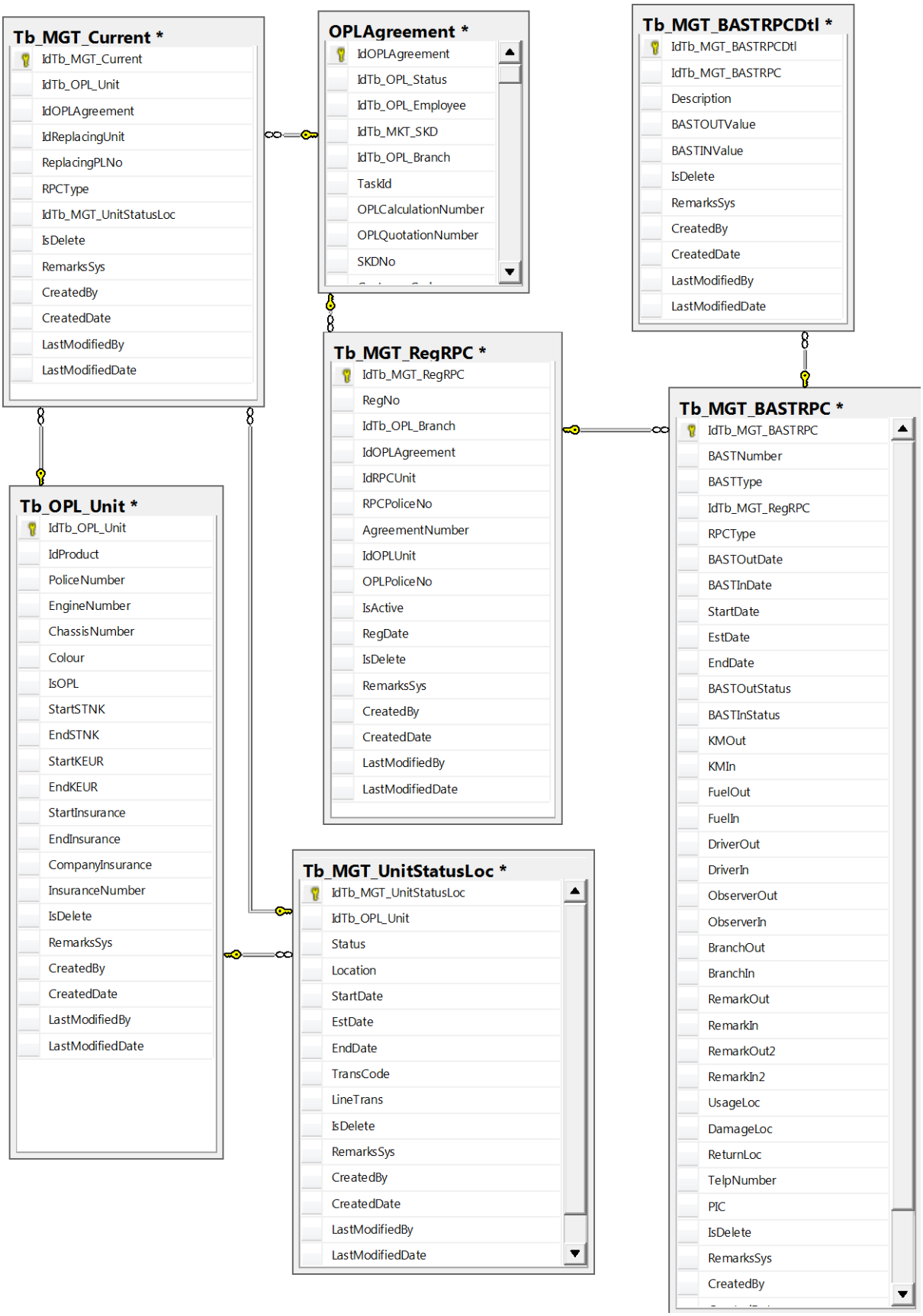
Memo Replacement Unit

No.	*Content*	*Description*	*Source*	*Remarks*
1	Kepada: Mr/s	Memo recipient	Tb_SYS_ApprovalPathDtl.RoleName	*Where Tb_SYS_ApprovalPathDtl.ApprovalLevel = Approve AND Tb_SYS_ApprovalPathDtl.RoleName Level = highest*
2	Dari:	Memo sender	Static	*Asset Management Operating Lease Dept*
3	No:	Number Memo	Tb_MGT_MemoRPC.MemoNo	*Where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC*
4	Tanggal:	Memo Date	*Tb_MGT_MemoRPC.MemoDate*	*Where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC =*

				Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC
5	Perihal:	Regarding	*Tb_MGT_MemoRPC.Descripton*	*Where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC*
6	Nomor Polisi:	Police Number Replacement Unit	Tb_OPL_Unit.PoliceNo	*where Tb_MGT_RegRPC.IdRPCUnit = Tb_OPL_Unit.IdProduct*
7	Type/Jenis Kendaraan:	Model replacement unit	Product.ModelName	*where Tb_MGT_RegRPC.IdRPCUnit = Product.IdProduct*
8	Periode Peminjaman:	Usage Period of replacement unit	Tb_MGT_UnitStatusLoc.StartDate - Tb_MGT_UnitStatusLoc.Estimation	*Format display on report: MM/dd/yyyy*
9	Nama Customer:	Customer Name	OPLAgreement.CustomerName	*where Tb_MGT_RegRPC.IdOPLAgreement = OPLAgreement.IdOPLAgreement*
10	Nomor Polisi	Police Number OPL Unit	Tb_OPL_Unit.PoliceNo	*where Tb_MGT_RegRPC.IdOPLUnit = Tb_OPL_Unit.IdProduct*
11	Type/Jenis Kendaraan	Model OPL Unit	Product.ModelName	*where Tb_MGT_RegRPC.IdOPLUnit = Product.IdProduct*
12	Dengan alasan sebagai berikut:	Reason of memo	Tb_MGT_MemoRPC.Descripton	*Where Tb_MGT_MemoRPC.IdTb_MGT_BASTRPC = Tb_MGT_BASTRPC.IdTb_MGT_BASTRPC*

3.10 Entity Relationship Diagram



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