## PROGRAM DEFINITION

|  |
| --- |
|  |
| * Program untuk input transaksi Hand Over |

## RELATED TABLES

|  |  |
| --- | --- |
|  | **Access** |
| * PMT\_AGREEMENT * PMT\_AGREEMENT\_UNIT * GSM\_PROPERTY * GSM\_PROPERTY\_BUILDING * GSM\_PROPERTY\_FLOOR * GSM\_PROPERTY\_UNIT * PMM\_TENANT * GSM\_DEPARTMENT * GSB\_CODE\_DT | * RW * RW * RW * RW |

## INPUT PARAMETER

|  |  |
| --- | --- |
| **Parameter Name** | **Description** |
| PARAM\_COMPANY\_ID | Company Id |
| PARAM\_DEPT\_CODE | Department Code |
| PARAM\_TRANS\_CODE | Transaction Code |
| PARAM\_REF\_NO | Reference No. |
| PARAM\_POPUP\_MODE | Popup Mode Flag  1=Run program as Popup  0=Run Program as Page |

## ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * User yg mempunyai akses ke program |  |

## INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_COMPANY\_ID = Login User’s Company ID * Set VAR\_USER\_ID = Login User ID * Set VAR\_LANGUAGE\_ID = Login User’s Language ID * Set VAR\_TODAY = Get Property Date dengan function dbo.RFN\_GET\_DB\_TODAY(VAR\_COMPANY\_ID) * Set VAR\_HO\_TRANS\_CODE = 802130 * Set VAR\_LOI\_TRANS\_CODE = 802061 * Get Property List [PROPERTY\_LIST]:   EXEC RSP\_GS\_GET\_PROPERTY\_LIST 'Login Company Id', 'Login User Id'  Set Value : CPROPERTY\_NAME  As Parameter: CPROPERTY\_ID  Value changed jalankan : Refresh LOI List Process, Refresh HO List Process   * ~~Jalankan RSP\_PM\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_PM\_SYSTEM\_PARAM~~   + ~~VAR\_COMPANY\_ID~~   + ~~VAR\_LANGUAGE\_ID~~ * ~~Jalankan RSP\_GS\_GET\_PERIOD\_YEAR\_RANGE dengan parameter, simpan hasil ke VAR\_GSM\_PERIOD~~   + ~~VAR\_COMPANY\_ID~~   + ~~‘’ (Empty String)~~   + ~~‘’ (Empty String)~~ * Jalankan RSP\_GS\_GET\_COMPANY\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_COMPANY   + VAR\_COMPANY\_ID * ~~Jalankan RSP\_GL\_GET\_SYSTEM\_PARAM dengan parameter, simpan hasil ke VAR\_GL\_SYSTEM\_PARAM~~   + ~~VAR\_COMPANY\_ID~~   + ~~VAR\_LANGUAGE\_ID~~ * Jalankan RSP\_GS\_GET\_TRANS\_CODE\_INFO dengan parameter, simpan hasil ke VAR\_GSM\_TRANSACTION\_CODE   + VAR\_COMPANY\_ID   + VAR\_HO\_TRANS\_CODE * IF Input Parameter NOT EMPTY THEN   + Run Tab HO Detail with Popup Mode |  |

## TAB - LOI LIST

### USER INTERFACE

#### INITIAL VERSION



CR02

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Hand Over | Jalankan Input Form Process |
| Download Template | Jalankan Download Template Process **CR02** |
| Upload | Jalankan Upload Process **CR02** |

### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Hand Over | Enabled if grid list > 0 |
| Download Template |  |
| Upload | Enabled if grid list > 0 **CR02** |
|  |  |

### DISPLAY PROCESS

#### LOI GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Building | CBUILDING\_NAME | Label |  |
| ~~Floor~~ | ~~CFLOOR\_NAME~~ **~~CR02~~** | ~~Label~~ |  |
| ~~Unit Id~~ | ~~CUNIT\_NAME~~ **~~CR02~~** | ~~Label~~ |  |
| Tenant | CTENANT\_NAME | Label |  |
| Department | CDEPT\_NAME | Label |  |
| Unit Description | CUNIT\_DESCRIPTION | Label | **CR02** |
| LOI Ref No | CREF\_NO | Label |  |
| HO Plan Date | CHAND\_OVER\_DATE | Label | Format dd-MMM-yyyy |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |
|  |  |  |  |
|  | | | |

### REFRESH LOI LIST PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Refresh LOI Grid dengan RSP\_PM\_GET\_HANDOVER\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_LOI\_TRANS\_CODE   + VAR\_LANGUAGE\_ID |

### UPLOAD PROCESS CR02

#### USER INTERFACE

##### Tab - Agreement



##### Tab – Unit



##### Tab – Utility



#### BUTTON DEFINITION

|  |  |
| --- | --- |
|  | **Test** |
| * “Open File Explorer” – Untuk membuka File Explorer yang digunakan untuk mencari source file MS-Excel yang akan di-import ke dalam table Database. * “**L**oad” – untuk menampilkan file MS-Excel yang dipilih ke dalam List Load Handover * “**P**rocess” – Untuk melakukan proses import data – data yang ada di List Load Handover * “**C**ancel” – Untuk keluar dari program Load Handover |  |

#### OUTPUT

|  |  |
| --- | --- |
|  | **Test** |
| * Data pada table transaksi Handover. |  |

#### ROLES

|  |  |
| --- | --- |
|  | **Test** |
| * Program ini dijalankan oleh operator yang mempunyai hak kewenangan menjalankan Lease Agreement. |  |

#### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Load Form:   + Textbox “Property” (Read Only) isi dengan Selected Property Id + Selected Property Name.   + Kosongkan “Source File (Excel)” Textbox.   + Kosongkan List Load Handover (Read Only).   + Disabled semua button.   + Enabled button Open File Explorer.   + Enabled button Process & Cancel.   + Set Focus pada Textbox “Source File (Excel)”. |  |

#### BROWSE PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Keluarkan windows File Explorer, filter hanya menampilkan file-file Ms-Excel saja. * Tunggu respon dari user yang memilih file Ms-Excel yang dikehendaki. |  |
| * Jika user sudah memilih pada windows File Explorer, lakukan:   + Isi Full path directory dan nama file berikut extension file ke dalam textbox “Source File (Excel)”.   + Jalankan Lost Focus textbox “Source File (Excel)”.     - Clear isi List Load Lease Agreement. |  |
| * Validasi extension File harus “xlsx”. Jika tidak tampilkan pesan “File Type must Microsoft Excel .xlsx”, Ok. * Validasi apakah file ada isinya? Jika kosong tampilkan pesan “File is empty”, Ok. |  |

#### DISPLAY PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tampilkan data List of Load Handover Agreement   + Definisi Fields:   + “Property"     - Textbox     - Display = CPROPERTY\_ID   + “Transaction"     - Textbox     - Display = CTRANS\_CODE   + "Department"     - Textbox     - Display = CDEPT\_CODE   + "LOI/Agrmt. No"     - Textbox     - Field = CLOI\_REF\_NO   + "Building"     - Textbox     - Field = CBUILDING\_ID   + "HO Ref No"     - Textbox     - Field = CREF\_NO   + "HO Ref Date"     - Textbox     - Field = CREF\_DATE   + "HO Actual Date"     - Textbox     - Field = CHO\_ACTUAL\_DATE |  |
| * Tampilkan data List of Load Unit   + Definisi Fields:   + “Property"     - Textbox     - Display = CPROPERTY\_ID   + “Transaction"     - Textbox     - Display = CTRANS\_CODE   + "Department"     - Textbox     - Display = CDEPT\_CODE   + "LOI/Agrmt. No"     - Textbox     - Field = CLOI\_REF\_NO   + "Building"     - Textbox     - Field = CBUILDING\_ID   + "Floor"     - Textbox     - Field = CFLOOR\_ID   + "Unit"     - Textbox     - Field = CUNIT\_ID   + "Actual Size"     - Spinner     - Field = NACTUAL\_AREA\_SIZE |  |
| * Tampilkan data List of Load Utility   + Definisi Fields:   + “Property"     - Textbox     - Display = CPROPERTY\_ID   + “Transaction"     - Textbox     - Display = CTRANS\_CODE   + "Department"     - Textbox     - Display = CDEPT\_CODE   + "LOI/Agrmt. No"     - Textbox     - Field = CLOI\_REF\_NO   + "Building"     - Textbox     - Field = CBUILDING\_ID   + "Floor"     - Textbox     - Field = CFLOOR\_ID   + "Unit"     - Textbox     - Field = CUNIT\_ID   + "Charges Type"     - Textbox     - Field = CCHARGES\_TYPE\_NAME   + "Charges Id"     - Textbox     - Field = CCHARGES\_ID   + "Charges Name"     - Textbox     - Field = CCHARGES\_NAME   + "Meter No"     - Textbox     - Field = CMETER\_NO   + "Start Period"     - Textbox     - Field = CSTART\_INV\_PRD   + "Meter Start"     - Spinner     - ~~Field = IMETER\_START~~     - Field = NMETER\_START **CR03**   + "Block 1 Start"     - Textbox     - ~~Field = IBLOCK1\_START~~     - Field = NBLOCK1\_START **CR03**   + "Block 2 Start"     - Textbox     - ~~Field = IBLOCK2\_START~~     - Field = NBLOCK2\_START **CR03** |  |
|  |  |
|  |  |

#### PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| Simpan data dari file XLSX kedalam List of DTO (Object sesuai dengan Upload Type) dan kemudian “List of DTO” di COPY BULK kedalam temporary table  TAB - AGREEMENT  CREATE TABLE #LEASE\_AGREEMENT(NO INT  ,CCOMPANY\_ID VARCHAR(8)  ,CPROPERTY\_ID VARCHAR(20)  ,CTRANS\_CODE VARCHAR(10)  ,CDEPT\_CODE VARCHAR(20)  ,CLOI\_REF\_NO VARCHAR(30)  ,CBUILDING\_ID VARCHAR(20)  ,CREF\_NO VARCHAR(30)  ,CREF\_DATE VARCHAR(8)  ,CHO\_ACTUAL\_DATE VARCHAR(8)  ,ISEQ\_NO\_ERROR INT  )  TAB - UNIT  CREATE TABLE #LEASE\_AGREEMENT\_UNIT(NO INT  ,CCOMPANY\_ID VARCHAR(8)  ,CPROPERTY\_ID VARCHAR(20)  ,CTRANS\_CODE VARCHAR(10)  ,CDEPT\_CODE VARCHAR(20)  ,CLOI\_REF\_NO VARCHAR(30)  ,CBUILDING\_ID VARCHAR(20)  ,CFLOOR\_ID VARCHAR(20)  ,CUNIT\_ID VARCHAR(20)  ,NACTUAL\_AREA\_SIZE NUMERIC(8,2)  ,ISEQ\_NO\_ERROR INT  )  TAB - UTILITY  CREATE TABLE #LEASE\_AGREEMENT\_UTILITY (NO INT  ,CCOMPANY\_ID VARCHAR(8)  ,CPROPERTY\_ID VARCHAR(20)  ,CTRANS\_CODE VARCHAR(10)  ,CDEPT\_CODE VARCHAR(20)  ,CLOI\_REF\_NO VARCHAR(30)  ,CBUILDING\_ID VARCHAR(20)  ,CFLOOR\_ID VARCHAR(20)  ,CUNIT\_ID VARCHAR(20)  ,CCHARGES\_TYPE\_ID VARCHAR(2)  ,CCHARGES\_TYPE\_NAME VARCHAR(200)  ,CCHARGES\_ID VARCHAR(20)  ,CCHARGES\_NAME VARCHAR(200)  ,CMETER\_NO VARCHAR(50)  ,CSTART\_INV\_PRD VARCHAR(6)  ~~,IMETER\_START INT~~  ~~,IBLOCK1\_START INT~~  ~~,IBLOCK2\_START INT~~  ,NMETER\_START NUMERIC(16,2) **CR03**  ,NBLOCK1\_START NUMERIC(16,2) **CR03**  ,NBLOCK2\_START NUMERIC(16,2) **CR03**  ,ISEQ\_NO\_ERROR INT  )   * + Jalankan RSP\_PM\_UPLOAD\_HANDOVER     - CCOMPANY\_ID = Login Company Id     - CPROPERTY\_ID = Selected Property Id     - CTRANS\_CODE = VAR\_HO\_TRANS\_CODE     - @USER\_ID = [Login User].[CUSER\_ID]     - @KEY\_GUID = [Auto Generated Key GUID]   Jumlah Progress Bar: 42 Step   * IF VAR\_RESULT.IERROR\_COUNT=0   + Display message ‘Handover uploaded successfully!’, OK   + ELSE     - Display error message where NO < 0 * ELSE   + Set Button Process / Save to Excel Label=Save to Excel   + Update DTO WHERE NO EXISTS IN Error Message NO     - set VALID=N     - Set NOTES=Error messages di resource berdasarkan kode resource di error messages (**CEK DENGAN RnD untuk utility buat convert multiple error messages ke dalam 1 baris**)   + Refresh Agreement GRID dengan DTO   + Set Valid=Number of DTO where VALID=Y   + Set Invalid= Number of DTO where VALID=N   + Display error message where NO < 0 |  |
| * Setelah Process selesai, Jalankan “**DISPLAY PROCESS**” |  |

#### CANCEL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Tutup program dan kembali ke LOI List |  |

### DOWNLOAD TEMPLATE PROCESS CR02

**OUTPUT FILE:**

|  |  |
| --- | --- |
|  | **Test** |
| * Download Tenant File from Server * Tampilkan file directory untuk user melakukan save as * Run SP untuk tulis dalam excel tersebut * Sheet Agreement -> SET VAR\_OUTPUT\_TYPE = ‘A’ * Sheet Unit -> SET VAR\_OUTPUT\_TYPE = ‘UN’ * Sheet Utility -> SET VAR\_OUTPUT\_TYPE = ‘UT’   EXEC [RSP\_PM\_GET\_DOWN\_HO\_TEMPLATE]  @CCOMPANY\_ID = VAR\_COMPANY\_ID  , @CPROPERTY\_ID = Selected Property ID  , @CTRANS\_CODE = VAR\_LOI\_TRANS\_CODE  , @CLANG\_ID = VAR\_LANGUAGE\_ID  , @COUTPUT\_TYPE = VAR\_OUTPUT\_TYPE |  |

## TAB - HO LIST

### USER INTERFACE

#### INITIAL VERSION



**CR02**

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Edit | Jalankan EDIT HANDOVER PROCESS |
| Delete | Jalankan DELETE HANDOVER PROCESS |
| Submit | Jalankan SUBMIT PROCESS |
| Redraft | Jalankan REDRAFT PROCESS |
| View | Jalankan VIEW PROCESS **CR02** |

### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Edit | Enabled if grid list > 0 AND CTRANS\_STATUS < ‘10’ Open |
| Delete | Enabled if grid list > 0 AND CTRANS\_STATUS < ‘10’ Open |
| Submit | Enabled if grid list > 0 AND CTRANS\_STATUS < ‘10’ Open |
| Redraft | Enabled if grid list > 0 AND CTRANS\_STATUS = ‘10’ Open |
| View | Enabled if grid list > 0 **CR02** |

### DISPLAY PROCESS

#### LOI GRID DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Status | CSTATUS\_NAME | Label |  |
| Building | CBUILDING\_NAME | Label |  |
| ~~Floor~~ | ~~CFLOOR\_NAME~~ **~~CR02~~** | ~~Label~~ |  |
| ~~Unit Id~~ | ~~CUNIT\_NAME~~ **~~CR02~~** | ~~Label~~ |  |
| Tenant | CTENANT\_NAME | Label |  |
| Department | CDEPT\_NAME | Label |  |
| Unit Description | CUNIT\_DESCRIPTION | Label | **CR02** |
| HO Ref No | CREF\_NO | Label |  |
| HO Actual Date | CHAND\_OVER\_DATE | Label | Format dd-MMM-yyyy |
| Updated By | CUPDATE\_BY | Label |  |
| Updated Date | DUPDATE\_DATE | Label |  |
| Created By | CCREATE\_BY | Label |  |
| Created Date | DCREATE\_DATE | Label |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Grid Mode   * Read Only | | | |
|  |  |  |  |
|  | | | |

### REFRESH HO LIST PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Refresh HO Grid dengan RSP\_PM\_GET\_HANDOVER\_LIST dengan parameter:   + VAR\_COMPANY\_ID   + Selected Property ID   + VAR\_HO\_TRANS\_CODE   + VAR\_LANGUAGE\_ID |

### SUBMIT PROCESS

##### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |

##### ACTION

|  |
| --- |
|  |
| * Display confirmation message ‘Are you sure want to submit this Handover? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * SET VAR\_NEW\_STATUS =’10’ * Jalankan RSP\_PM\_UPDATE\_HANDOVER dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Row Trans Code   + Selected Row Dept Code   + Selected Row Ref No   + VAR\_USER\_ID   + VAR\_NEW\_STATUS * IF Success   + Display message ‘Handover Submitted Successfully!’ * ELSE   + Display Error Message * Jalankan Refresh HO List Process |

### REDRAFT PROCESS

##### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |

##### ACTION

|  |
| --- |
|  |
| * Display confirmation message ‘Are you sure want to redraft this Handover? [Yes/No]’ * IF Yes THEN Continue Process ELSE Kembali ke form * SET VAR\_NEW\_STATUS =’00’ * Jalankan RSP\_PM\_UPDATE\_HANDOVER dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Row Trans Code   + Selected Row Dept Code   + Selected Row Ref No   + VAR\_USER\_ID   + VAR\_NEW\_STATUS * IF Success   + Display message ‘Handover Redraft Successfully!’ * ELSE   + Display Error Message * Jalankan Refresh HO List Process |

### DELETE HANDOVER PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation message ‘Are you sure want to delete this Hand Over?’[Yes/No] * IF No THEN kembali ke form VAR\_SAVE\_MODE = ‘DELETE’   EXEC RSP\_PM\_MAINTAIN\_HANDOVER  "Login Company Id"  , "Property Id"  , VAR\_HO\_TRANS\_CODE  , Current Row."HO Ref No\*"  , ‘’  , ‘’  , ‘’  , ‘’  , ‘’  , ‘’  , ‘’  , VAR\_SAVE\_MODE  , Login User Id  , CDEPT\_CODE  , ‘’  , ‘’  , ‘’   * IF Success   + Display message ‘Handover Deleted Successfully!’ * ELSE   + Display Error Message |

## POPUP HANDOVER DETAIL

### USER INTERFACE



CR01

 CR02

### INITIAL PROCESS

|  |  |
| --- | --- |
|  | **Test** |
| * Set VAR\_SAVE\_MODE = ‘NEW Jika form dibuka dari button Hand Over * Set VAR\_SAVE\_MODE = ‘EDIT’ Jika form dibuka dari button Edit/View * Jalankan REFRESH FORM PROCESS untuk ambil data form popup |  |

### REFRESH FORM PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Refresh Form dengan RSP\_PM\_GET\_HANDOVER\_DETAIL dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + Selected Row Trans Code   + VAR\_LANGUAGE\_ID   + Selected Row Dept Code   + Selected Row Ref No   + Selected Row Building ID   + ~~Selected Row Floor ID~~ **~~CR02~~**   + ~~Selected Row Unit ID~~ **~~CR02~~**   + VAR\_SAVE\_MODE * Refresh Utility Grid dengan RSP\_PM\_GET\_HANDOVER\_UNIT dengan parameter **CR02**   + VAR\_COMPANY\_ID   + Selected Property ID   + LOI Dept Code   + IIF(VAR\_SAVE\_MODE = ‘NEW’,VAR\_LOI\_TRANS\_CODE, VAR\_HO\_TRANS\_CODE)   + IIF(VAR\_SAVE\_MODE = ‘NEW’, LOI Ref No, HO REF NO)   + LOI Building ID   + VAR\_LANGUAGE\_ID * Refresh Utility Grid dengan RSP\_PM\_GET\_HANDOVER\_UTILITY dengan parameter   + VAR\_COMPANY\_ID   + Selected Property ID   + LOI Dept Code   + IIF(VAR\_SAVE\_MODE = ‘NEW’,VAR\_LOI\_TRANS\_CODE, VAR\_HO\_TRANS\_CODE) **CR02**   + IIF(VAR\_SAVE\_MODE = ‘NEW’, LOI Ref No, HO REF NO) **CR02**   + LOI Building ID   + ~~Selected Floor ID~~ **~~CR02~~**   + ~~Selected Unit ID~~ **~~CR02~~**   + VAR\_LANGUAGE\_ID |

### DISPLAY PROCESS

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Property | CPROPERTY\_NAME | Label, disabled |  |
| Department | CDEPT\_CODE | Label, disabled |  |
|  | CDEPT\_NAME | Label, disabled |  |
| Customer | CTENANT\_NAME | Label, disabled |  |
| Building | CBUILDING\_NAME | Label, disabled |  |
| Unit Description | CUNIT\_DESCRIPTION | Label, disabled **CR02** |  |
| LOI Ref No | CREF\_NO | Label, disabled | CREF\_NO |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

### FIELD DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| HO Ref No | CHO\_REF\_NO | Textbox | * Enabled IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 ELSE Disabled * Maks 30 Char |
|  |  |  |  |
| HO Ref Date | CHO\_REF\_DATE | Datetime Picker, Enabled | * Default Today |
| ~~Gross Size~~ **CR02** | ~~NGROSS\_AREA\_SIZE~~ | ~~Textbox, disabled~~ |  |
| ~~Net Size~~ **CR02** | ~~NNET\_AREA\_SIZE~~ | ~~Textbox, disabled~~ |  |
| HO Plan Date | CHAND\_OVER\_DATE | Textbox, disabled |  |
| HO Actual Date | CHO\_ACTUAL\_DATE | Datetime Picker, Enabled | * Default HO Plan Date |
| Plan Start Date | CHO\_PLAN\_START\_DATE | Textbox, disabled **CR02** |  |
| Plan End Date | CHO\_PLAN\_END\_DATE | Textbox, disabled **CR02** |  |
| ~~Actual Size~~ **CR02** | ~~NHO\_ACTUAL\_SIZE~~ | ~~Textbox, enabled~~ |  |
|  |  |  |  |
|  | | | |

### GRID UNIT DEFINITION CR02

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Floor | CFLOOR\_ID | Textbox, disabled |  |
| Unit | CUNIT\_ID | Textbox, disabled |  |
| Gross Size | NGROSS\_SIZE | Textbox, disabled |  |
| Net Size | NNET\_SIZE | Textbox, disabled |  |
| Actual Size | NACTUAL\_AREA\_SIZE | IF VAR\_SAVE\_MODE = VIEW disabled |  |

### GRID UTILITY DEFINITION

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Field** | **Type** | **Validation** |
| Utility Type Id | CCHARGES\_TYPE | Hidden |  |
| Utility Type | CCHARGES\_TYPE\_NAME | Textbox, disabled |  |
| Meter No | CMETER\_NO | Textbox, disabled |  |
| Capacity | NCAPACITY | Textbox, disabled |  |
| CF | NCALCULATION\_FACTOR | Textbox, disabled |  |
| Charge | CCHARGES\_NAME | Textbox, disabled |  |
| Start Year | CYEAR | Spinner, Enabled | Set Default selected value = Current Year |
| Start Month | CMONTH | Combobox, Enabled | Combobox  Isi combo box value dengan  01 s/d 12  Set Default selected value = Current Month |
| Meter Start | ~~IMETER\_START~~ NMETER\_START **CR03** | Spinner | Enabled If CCHARGES\_TYPE = 03/04, default 0 **CR01** |
| Block1 Start | ~~IBLOCK1\_START~~  NBLOCK1\_START **CR03** | Spinner | Enabled If CCHARGES\_TYPE = 01/02, default 0 **CR01** |
| Block2 Start | ~~IBLOCK2\_START~~  NBLOCK2\_START **CR03** | Spinner | Enabled If CCHARGES\_TYPE = 01/02, default 0 **CR01** |
| Updated By | CUPDATE\_BY | Textbox, disabled |  |
| Updated Date | DUPDATE\_DATE | Textbox, disabled |  |
| Created By | CCREATE\_BY | Textbox, disabled |  |
| Created Date | DCREATE\_DATE | Textbox, disabled |  |

### BUTTON DEFINITION

|  |  |
| --- | --- |
| **Button Name** | **Action** |
| Cancel | Jalankan CANCEL HANDOVER PROCESS |
| Save | Jalankan SAVE HANDOVER PROCESS |

### BUTTON MODE

|  |  |
| --- | --- |
| **Button Name** | **Mode** |
| Cancel | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
| Save | IF VAR\_SAVE\_MODE=VIEW THEN Disabled ELSE Enabled |
|  |  |

### ADD HANDOVER PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = NEW * Jalankan REFRESH FORM PROCESS * Reset Form * Enable Add Semua Add field   + HO Ref No IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0   + HO Ref Date   + HO Actual Date, Default HO Plan Date   + ~~Plan Start Date, Default today~~ **CR02**   + ~~Plan End Date, Default Today~~ **CR02**   + ~~Actual Size, Default Gross Size~~ **CR02** * Enable Add Semua Add field pada Unit Grid **CR02**   + Actual Size * Enable Add Semua Add field pada Utility Grid **CR01**   + Start Year   + Start Month   + Meter Start jika CCHARGES\_TYPE = 03/04   + Block1 Start jika CCHARGES\_TYPE = 01/02   + Block2 Start jika CCHARGES\_TYPE = 01/02 * Enable button   + Save   + Cancel * Set focus ke field Ref No/ HO Actual Date |

### EDIT HANDOVER PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = EDIT * Jalankan REFRESH FORM PROCESS * Enable Edit Semua Editable field   + HO Actual Date   + ~~Plan Start Date, Default today~~ **CR02**   + ~~Plan End Date, Default Today~~ **CR02**   + ~~Actual Size, Default Gross Size~~ **CR02** * Enable Edit Semua Editable field pada Unit Grid **CR02**   + Actual Size * Enable Edit Semua Editable field pada Utility Grid **CR01**   + Start Year   + Start Month   + Meter Start jika CCHARGES\_TYPE = 03/04   + Block1 Start jika CCHARGES\_TYPE = 01/02   + Block2 Start jika CCHARGES\_TYPE = 01/02 * Enable button   + Save   + Cancel * Set focus ke field HO Actual Date |

### VIEW PROCESS CR02

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Set VAR\_SAVE\_MODE = VIEW * Jalankan REFRESH FORM PROCESS * Disable All Field * Hide button   + Save   + Cancel |

### SAVE HANDOVER PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
| HO Ref No | IF VAR\_GSM\_TRANSACTION\_CODE.LINCREMENT\_FLAG=0 and Empty | Please input HO Ref No ! |
| HO Ref Date | Empty | Please input HO Ref Date! |
| HO Actual Date | Empty | Please input HO Actual Date ! |
| ~~Plan Start Date~~ | ~~Empty~~ **~~CR02~~** | ~~Please input Opening Plan Start Date !~~ |
| ~~Plan End Date~~ | ~~Empty~~ **~~CR02~~** | ~~Please input Opening Plan End Date !~~ |
| ~~Plan Start Date~~ | ~~Not Empty and Plan Start Date > Plan End Date~~ **~~CR02~~** | ~~Opening Plan Start Date must before Opening Plan End Date !~~ |
| ~~Plan End Date~~ | ~~Not Empty and Plan Start Date > Plan End Date~~ **~~CR02~~** | ~~Opening Plan Start Date must before Opening Plan End Date !~~ |
| ~~Actual Size~~ | ~~Empty~~ **~~CR02~~** | ~~Please input Actual Size !~~ |
|  |  |  |
| Start Year | Empty | Please input Start Year ! |
| Start Month | Empty | Please input Start Month ! |
| Meter Start | Jika CCHARGES\_TYPE = 03/04 dan Empty | Please input Meter Start ! **CR01** |
| Block1 Start | Jika CCHARGES\_TYPE = 01/02 dan Empty | Please input Block1 Start ! **CR01** |
| Block2 Start | Jika CCHARGES\_TYPE = 01/02 dan Empty | Please input Block2 Start ! **CR01** |

#### ACTION

|  |
| --- |
|  |
| CREATE TABLE #GRID\_UNIT(**CR02**  [CFLOOR\_ID] [varchar](20) NOT NULL DEFAULT ''  ,[CUNIT\_ID] [varchar](20) NOT NULL DEFAULT ''  ,[NACTUAL\_AREA\_SIZE] [numeric](8,2)NOT NULL DEFAULT 0  )  INSERT INTO #GRID\_UNIT  VALUES "Floor Id", "Unit Id”, "Actual Size"  CREATE TABLE #GRID\_UTILITY(  [CFLOOR\_ID] [varchar](20) NOT NULL DEFAULT '', **CR02**  [CUNIT\_ID] [varchar](20) NOT NULL DEFAULT '', **CR02**  [CCHARGES\_TYPE] [varchar](2) NOT NULL,  [CCHARGES\_ID] [varchar](20) NOT NULL,  [CMETER\_NO] [varchar](50) NOT NULL,  [CSTART\_YEAR] [varchar](4) NOT NULL,  [CSTART\_MONTH] [varchar](2) NOT NULL,  ~~[IMETER\_START] [int] NOT NULL,~~  ~~[IBLOCK1\_START] [int] NOT NULL,~~  ~~[IBLOCK2\_START] [int] NOT NULL~~  ,NMETER\_START NUMERIC(16,2) NOT NULL DEFAULT 0 **CR03**  ,NBLOCK1\_START NUMERIC(16,2) NOT NULL DEFAULT 0 **CR03**  ,NBLOCK2\_START NUMERIC(16,2) NOT NULL DEFAULT 0 **CR03**  ) **CR01**  INSERT INTO #GRID\_UTILITY **CR01**  VALUES  , “Floor Id” **CR02**  , “Unit Id” **CR02**  , "Charges Type"  , "Charges Id\*" Code  , "Meter No"  , "Start Year"  , "Start Month"  , “Meter Start”  , “Block1 Start”  , “Block2 Start”  EXEC RSP\_PM\_MAINTAIN\_HANDOVER  "Login Company Id"  , "Property Id"  , VAR\_HO\_TRANS\_CODE  , "HO Ref No\*"  , "HO Ref Date\*"  , "Building Id"  ~~, "Unit Id"~~ **~~CR02~~**  ~~, "Floor Id"~~ **~~CR02~~**  , "HO Actual Date”  , "Start Plan Date\*"  , "End Plan Date\*"  , "ADD" / "EDIT"  , Login User Id  , “Dept Code”  , VAR\_LOI\_TRANS\_CODE  , “LOI Ref No”  ~~, “Actual Size”~~ **~~CR02~~**  simpan hasil ke VAR\_RESULT     * IF Success   + Jalankan ON CLOSE FORM PROCESS * IF Error   + Display error message * Set VAR\_SAVE\_MODE = VIEW |
|  |

### CANCEL SAVE HANDOVER PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * Display Confirmation Message “You haven’t saved your changes. Are you sure want to cancel? [Yes/No]” * IF Yes   + Jalankan ON CLOSE FORM PROCESS * IF No   + Kembali ke form |

### ON CLOSE FORM PROCESS

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
| * + IF Error     - Display error message   + ELSE     - Refresh LOI List Process, Refresh HO List Process |

# CR LIST

|  |  |  |
| --- | --- | --- |
| **CR** | **Description** | **Notes** |
| CR01, CH  21 AUG 2024 | * Tambah Kolom Block1 Start & Block2 Start yang harus diisi sesuai Utility Type |  |
| CR02, CH  19 SEPT 2024 | * Tambah Download Upload & Ubah handover multi unit |  |
| CR03, CH  01 NOV 2024 | * Ubah kolom Meter & Block Start dari integer menjadi decimal |  |
|  |  |  |
|  |  |  |

#### TEMPLATE

#### VALIDATION

|  |  |  |
| --- | --- | --- |
| **Field** | **Condition** | **Validation Message** |
|  |  |  |
|  |  |  |

#### ACTION

|  |
| --- |
|  |
|  |