top_02

|  |
| --- |
| **New Payment Platform (NPP)**  **Database Schema**  **Far EasTone Telecommunications (FET)** |

**Version: 1.1**

**Date: 24 Feb. 2015**

#### 

Document History

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Number | Revision Date | Summary of Changes | Changes marked |
| V1.0 | 2015-02-24 | Initial |  |
|  | 2015-02-24 | 1. Added “TIMES” to NPP\_FR\_PB\_TRANSACTION\_LOG\_HOURLY\_CACHE 2. Deleted “LAST\_TWO\_TX\_TIME” from NPP\_FR\_PB\_LAST\_TRADE\_TIME\_CACHE | Tim  Hsiang |
|  | 2015-02-25 | 1. Updated NPP\_FR\_PB\_SCORE\_SETTING, NPP\_FR\_PB\_SCORE\_SETTING\_LIVE 2. Updated NPP\_FR\_PB\_ALERT\_LIST, NPP\_FR\_PB\_ALERT\_LIST\_LIVE 3. Added “INIT\_SCORE” to NPP\_CL\_PB\_USER\_POCKET\_GRADE\_LIVE 4. Added “BIZ\_TYPE” to NPP\_PRODUCT\_INVOICE 5. Updated NPP\_PAYMENT\_METHOD & NPP\_PRODUCT\_SUPPORT\_PAYMETHOD | Hsiang |
|  | 2015-03-02 | 1. Deleted NPP\_FR\_PB\_RULE\_DIMENSION 2. Added “DES” to NPP\_FR\_PB\_MODULE\_WEIGHT, NPP\_FR\_PB\_MODULE\_WEIGHT\_LIVE 3. Move “MODULE\_NAME” from NPP\_FR\_PB\_RULE to NPP\_FR\_PB\_MODULE\_WEIGHT 4. Updated NPP\_FR\_RULE\_TYPE 5. Change type of 金額 to DECIMAL(10,2) | Hsiang |
|  | 2015-03-09 | **NPP\_CL\_PB\_CREDIT\_POLICY\_SCORE**   1. 新增欄位：YYYYMM   **NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE\_LIVE**   1. 刪除欄位：POLICY\_GRADE\_ID 2. 新增欄位：LAST\_MOD\_USER； LAST\_MOD\_TS   **NPP\_CL\_PROMO\_USER\_LIST**   1. 新增欄位：STATUS   **NPP\_CL\_POCKET**   1. 新增欄位：DEL\_FLG；LAST\_MOD\_USER；LAST\_MOD\_TS   **NPP\_PAY\_TRANS**   1. 刪除欄位：IS\_REFUND； REFUND\_FLG   **NPP\_PAY\_REFUND**   1. 新增欄位：REFUND\_FLAG；INV\_PROCESS\_FLAG   **NPP\_INV\_ALLOWANCE**   1. 新增欄位：REFUND\_ID；EMAIL\_FLAG   **整體修改**   1. 把FLG都改成FLAG 2. Marked NPP\_SERVICE\_MAPPING as　不需要 | Hsiang |
|  | 2015-3-10 | **NPP\_USER；NPP\_PAY\_TRANS,**  **NPP\_PAY\_REFUND； NPP\_PAY\_TRANS\_PRESETTLE**   1. 四張資料表的CARRIER\_TYPE改為GSM\_CARRIERTYPE   **NPP\_PRODUCT**   1. PB\_POCKET型別改為INTEGER 2. 新增資料表：NPP\_CONFIG 3. 新增資料表NPP\_SMS\_DETAIL |  |
|  | 2015-3-11 | **NPP\_PAY\_REFUND**   1. 刪除欄位：REFUND\_FLAG   **NPP\_CONFIG**   1. 新增欄位：DES   **NPP\_INV\_ALLOWANCE**   1. 修改欄位：EMAIL\_FLAG 🡪 NOTIFY\_FLAG 2. 刪除資料表：NPP\_PARTNER\_HIST 3. 刪除資料表：NPP\_PRODUCT\_HIST 4. 新增資料表：NPP\_PRODUCT\_AUTHORIZE\_TRANSACTION |  |
|  | 2015-3-13 | **NPP\_PAY\_REFUND**   1. 新增欄位：SETTLE\_PROCESS\_FLAG   **NPP\_FR\_PB\_TRANSACTION\_LOG\_HOURLY\_CACHE**   1. 改名為NPP\_FR\_PB\_TX\_LOG\_HOURLY\_CACHE 2. 刪除欄位：TX\_ID 3. 新增欄位：YYYYMMDD   **NPP\_FR\_NONPB\_TRANSACTION\_LOG\_IP\_DAILY\_CACHE**   1. 改名為NPP\_FR\_NONPB\_TX\_LOG\_IP\_DAILY\_CACHE 2. 刪除欄位：MOD 3. 新增欄位：YYYYMMDD   **NPP\_FR\_NONPB\_TRANSACTION\_LOG\_NO\_DAILY\_CACHE**   1. 改名為NPP\_FR\_NONPB\_TX\_LOG\_NO\_DAILY\_CACHE 2. 刪除欄位：MOD 3. 新增欄位：YYYYMMDD   **NPP\_EMAIL\_LIST**   1. 新增欄位：EMAIL\_JOB 2. 新增資料表：NPP\_PARTNER\_SERVER\_IP 3. 新增資料表：NPP\_BIN\_LIST 4. 新增資料表：NPP\_FR\_PB\_TX\_LOG\_HOURLY\_CACHE\_HIST 5. 新增資料表：NPP\_FR\_NONPB\_TX\_LOG\_IP\_DAILY\_CACHE\_HIST 6. 新增資料表：NPP\_FR\_NONPB\_TX\_LOG\_NO\_DAILY\_CACHE\_HIST |  |
|  | 2015-03-16 | **NPP\_PAY\_TRANS**   1. 新增欄位：SUB\_STATUS 2. 新增欄位：INV\_CARRIER\_TYPE 3. 新增欄位：INV\_MEMBER\_UID 4. 新增欄位：PUSHBACK\_URL 5. 新增欄位：PUSHBACK\_STATUS 6. 新增欄位：CAMPAIGN\_ID 7. 新增欄位：TX\_AMT 8. 異動欄位: CHG\_TYPE改回BILL\_SERTYPE   **NPP\_PAY\_TRANS\_INFO**   1. 新增欄位：FIN\_SRC\_TX\_ID 2. 新增欄位：DEDUCT\_TS 3. 新增欄位：NPG\_TX\_TS 4. 新增欄位：PAY\_AMT 5. 新增欄位：PAY\_DT   **NPP\_PAY\_REFUND**   1. 刪除欄位：IT\_TYPE 2. 新增欄位：RETRY\_FLAG 3. 新增欄位：CREATE\_TS 4. 新增欄位：NPG\_TX\_TS 5. 新增欄位：RECON\_STATUS 6. 異動欄位：CHG\_TYPE => BILL\_SERTYPE 7. 異動欄位：NPG\_TXID=>NPG\_TX\_ID 8. 異動欄位：RETURN\_CODE nullable 9. 異動欄位：RETURN\_MSG nullable | Ada |

[Document History 2](#_Toc411619773)

[Revision History 2](#_Toc411619774)

[1 Credit Limit Configuration Framework 4](#_Toc411619775)

[1.1 Credit Card & SVC 5](#_Toc411619776)

[1.2 Phone Bill 5](#_Toc411619777)

[2 Database Schema 6](#_Toc411619778)

[2.1 NPP\_CL\_PROMO 6](#_Toc411619779)

[2.2 NPP\_CL\_PROMO\_LIVE 7](#_Toc411619780)

[2.3 NPP\_CL\_PROMO\_USER\_LIST 8](#_Toc411619781)

[2.4 NPP\_CL\_PROMO\_SMS\_SEND 8](#_Toc411619782)

[2.5 NPP\_CL\_PROMO\_SMS\_SEND\_HIST 9](#_Toc411619783)

[2.6 NPP\_CL\_PROMO\_USER\_LIVE 10](#_Toc411619784)

[2.7 NPP\_CL\_POCKET 10](#_Toc411619785)

[2.8 NPP\_CL\_GRADE\_NAME 11](#_Toc411619786)

[2.9 NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE 11](#_Toc411619787)

[2.10 NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE\_LIVE 12](#_Toc411619788)

[2.11 NPP\_CL\_CSR\_ADJUSTMENT 12](#_Toc411619789)

[2.12 NPP\_CL\_CSR\_ADJUSTMENT\_LIVE 13](#_Toc411619790)

[2.13 NPP\_CL\_CSR\_POCKET\_SETTING 13](#_Toc411619791)

[2.14 NPP\_CL\_CSR\_POCKET\_SETTING\_LIVE 14](#_Toc411619792)

[2.15 NPP\_CL\_CSR\_PARTNER\_SETTING 14](#_Toc411619793)

[2.16 NPP\_CL\_CSR\_PARTNER\_SETTING\_LIVE 15](#_Toc411619794)

[2.17 NPP\_CL\_CSR\_POCKET\_SETTING\_USER\_LIST 15](#_Toc411619795)

[2.18 NPP\_CL\_PB\_USER\_POCKET\_GRADE 15](#_Toc411619796)

[2.19 NPP\_CL\_PB\_USER\_POCKET\_GRADE\_LIVE 16](#_Toc411619797)

[2.20 NPP\_CL\_PB\_CREDIT\_POLICY\_GROUP 16](#_Toc411619798)

[2.21 NPP\_CL\_PB\_CREDIT\_POLICY\_SCORE 16](#_Toc411619799)

[2.22 NPP\_CL\_PB\_CONSUME\_CACHE 累積消費金額 17](#_Toc411619800)

[2.23 NPP\_CL\_NONPB\_CONSUME \_CACHE 累積消費金額 18](#_Toc411619801)

[2.24 NPP\_CL\_PB\_CONSUME\_HIST 歷史年月累積消費金額 18](#_Toc411619802)

[2.25 NPP\_CL\_NONPB\_CONSUME \_HIST 歷史年月累積消費金額 18](#_Toc411619803)

[2.26 NPP\_CL\_PB\_CONSUME\_BY\_MSISDN 19](#_Toc411619804)

[2.27 NPP\_CL\_PB\_CONSUME\_BY\_MSISDN\_HIST 19](#_Toc411619805)

[2.28 NPP\_CL\_DW\_UPLOAD 20](#_Toc411619806)

[2.29 NPP\_PLATFORM\_LIMIT 21](#_Toc411619807)

[2.30 NPP\_PLATFORM\_LIMIT\_LIVE 21](#_Toc411619808)

1. Entity
   1. NPP\_PARTNER

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PARTNER | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PARTNER\_ID | | Partner ID | VARCHAR | 18 |  | Y | Primary key | |
|  | PARTNER\_TYPE | | 夥伴帳戶類型 | VARCHAR | 1 |  |  | 1:遠傳內部帳戶  2:國內公司戶  3:國內個人戶  4:國外公司、個人戶 | |
|  | PARTNER\_STATUS | | 夥伴狀態 | VARCHAR | 2 |  |  | 1:申請中，2:已註冊，3:已驗證，4:基本資料審核中，5:基本資料審核通過，6:基本資料審核退件，7:拆帳資料審核中，8:拆帳資料審核通過，9:拆帳資料審核退件10:帳號終止 | |
|  | ID\_NO | | 夥伴ID | VARCHAR | 18 |  |  | 統一編號、ROCID or 護照號碼等 | |
|  | CHI\_NAME | | 夥伴中文名稱 | VARCHAR | 256 |  |  |  | |
|  | ENG\_NAME | | 夥伴英文名稱 | VARCHAR | 256 |  |  |  | |
|  | COMP\_OWNER | | 公司負責人 | VARCHAR | 256 |  |  |  | |
|  | COMP\_ADDR | | 公司地址 | VARCHAR | 150 |  |  |  | |
|  | EMAIL | | 電子郵件信箱 | VARCHAR | 150 |  |  |  | |
|  | TEL | | 電話 | VARCHAR | 20 |  |  |  | |
|  | FAX | | 傳真 | VARCHAR | 20 |  |  |  | |
|  | MOBILE | | 行動電話 | VARCHAR | 20 |  |  |  | |
|  | MCP\_CHI\_NAME | | 主要聯絡人（main contact person）中文姓名 | VARHCAR | 256 |  |  |  | |
|  | MCP\_ENG\_NAME | | 主要聯絡人（main contact person）英文姓名 | VARCHAR | 256 |  |  |  | |
|  | MCP\_PHONE | | 主要聯絡人電話 | VARCHAR | 20 |  |  |  | |
|  | MCP\_EMAIL | | 主要聯絡人電子信箱 | VARCHAR | 150 |  |  |  | |

* 1. NPP\_PARTNER\_SETTLE\_INFO

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PARTNER\_SETTLE\_INFO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | **PARTNER\_ID** | | Partner ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | MULTI\_FLAG | | 是否為階層式拆帳 | VARCHAR | 1 |  |  | 0:否，1:是 | |
|  | MULTI\_ACCU | | 階層式拆帳累計方式 | VARCHAR | 1 |  |  | 1: 依使用次數累計  2: 依使用金額累計 | |
|  | MULTI\_SETTLE | | 階層式拆帳拆帳方式 | VARCHAR | 1 |  |  | 1: 按比例拆帳  2: 單筆固定金額拆帳 | |
|  | SETTLE\_CYC\_TYPE | | 拆帳週期類型 | VARCHAR | 1 |  |  | M: 月結  H: 半月結  W: 週結 | |
|  | SETTLE\_CYC | | 拆帳週期 | VARCHAR | 2 |  |  |  | |
|  | RECEIVABLE | | 電信帳單拆帳方式 | VARCHAR | 1 |  |  | 1: 應收應拆  2: 實收實拆 | |
|  | REG\_FORM\_NO | | 申請單編號 | VARCHAR | 18 |  |  |  | |
|  | CREATE\_USER | | Standard Who Column | VARCHAR | 20 |  |  |  | |
|  | CREATE\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_USER | | Standard Who Column | VARCHAR | 20 |  |  |  | |
|  | LAST\_MOD\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |

* 1. NPP\_PARTNER\_SETTLE\_TIER

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PARTNER\_SETTLE\_TIER | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | **SETTLE\_TIER\_ID** | | Settlement Tier ID | INTEGER |  |  | Y | Primary Key  Auto-increment | |
|  | PARTNER\_ID | | Partner ID | VARCHAR | 18 |  | Y |  | |
|  | TIER\_ORDER | | 拆帳層級第N層 | INTEGER |  |  |  |  | |
|  | TIER\_LOW\_LMT | | 拆帳層級下限 | INTEGER |  |  | Y |  | |
|  | TIER\_UP\_LMT | | 拆帳層級上限 | INTEGER |  |  | Y |  | |
|  | SETTLE\_RATE | | 拆帳比 | DECIMAL | (6,2) |  | Y |  | |
|  | SETTLE\_AMT | | 拆帳金額 | INTEGER |  |  | Y |  | |
|  | REG\_FORM\_NO | | 申請單編號 | VARCHAR | 18 |  |  |  | |
|  | CREATE\_USER | | Standard Who Column | VARCHAR | 20 |  |  |  | |
|  | CREATE\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_USER | | Standard Who Column | VARCHAR | 20 |  |  |  | |
|  | LAST\_MOD\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |

* 1. NPP\_PARTNER\_BANK\_ACCOUNT

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PARTNER\_BANK\_INFO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PARTNER\_ID | | Partner ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | CONTACT\_NAME | | 帳務聯絡人姓名 | VARCHAR | 256 |  |  |  | |
|  | CONTACT\_TEL | | 帳務聯絡人電話 | VARCHAR | 20 |  |  |  | |
|  | CONTACT\_EMAIL | | 帳務聯絡人電子郵件信箱 | VARCHAR | 150 |  |  |  | |
|  | BANK\_NAME | | 銀行名稱 | VARCHAR | 128 |  |  |  | |
|  | BRANCH\_NAME | | 分行名稱 | VARCHAR | 128 |  |  |  | |
|  | BANK\_NO | | 銀行代碼 | VARCHAR | 3 |  |  |  | |
|  | BRANCH\_NO | | 分行代碼 | VARCHAR | 4 |  |  |  | |
|  | BANK\_ACC\_NO | | 銀行帳號 | VARCHAR | 14 |  |  |  | |
|  | BANK\_ACC\_NAME | | 帳戶名稱 | VARCHAR | 80 |  |  |  | |
|  | IS\_DOMESTIC | | 匯款銀行別 | VARCHAR | 1 |  |  | 1:本國銀行，2:外國銀行 | |
|  | CURRENCY | | 使用幣別 | VARCHAR | 1 |  |  | 1:新台幣，2:美金 | |
|  | BANK\_NOTE | | 銀行備註 | VARCHAR | 1024 |  |  |  | |
|  | ID\_DOC | | 身分證明文件 | VARCHAR | 128 |  |  |  | |
|  | REG\_FORM\_NO | | 申請單編號 | VARCHAR | 18 |  |  |  | |
|  | CREATE\_USER | | Standard Who Column | VARCHAR | 20 |  |  |  | |
|  | CREATE\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_USER | | Standard Who Column | VARCHAR | 20 |  |  |  | |
|  | LAST\_MOD\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |

* 1. NPP\_PARTNER\_SERVER\_IP

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PARTNER\_SERVER\_IP | | | | | | | |  |
| No. | Field Name | | Description | Type | Length | | Default | Mandatory | Remark | |
|  | SERVERIP\_ID | | SERVERIP\_ID | INTEGER | |  |  | Y | Primary Key  Auto-increment  取號: SDP\_PARTNER\_SERVER\_IP\_SEQ | |
|  | PARTNER\_ID | | Partner ID | VARCHAR | | 18 |  | Y |  | |
|  | SERVER\_IP | | IP | VARCHAR | | 20 |  | Y |  | |
|  | IP\_TYPE | | IP類別 | VARCHAR | | 1 |  | Y | 1: Production  2: Staging | |
|  | IP\_IN\_USE\_TS | | 啟用日期 | TIMESTAMP | |  |  |  |  | |
|  | IP\_EXP\_TS | | 停用日期 | TIMESTAMP | |  |  |  |  | |
|  | IP\_STATUS | | IP狀態 | VARCHAR | | 1 |  |  | 0: 停用  1: 啟用  2: 刪除 | |
|  | IP\_NOTE | | IP備註 | VARCHAR | | 1024 |  |  |  | |
|  | CREATE\_USER | | Standard Who Column | VARCHAR | | 150 |  |  |  | |
|  | CREATE\_TS | | Standard Who Column | TIMESTAMP | |  |  |  |  | |
|  | LAST\_MOD\_USER | | Standard Who Column | VARCHAR | | 150 |  |  |  | |
|  | LAST\_MOD\_TS | | Standard Who Column | TIMESTAMP | |  |  |  |  | |

* 1. NPP\_PRODUCT

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PRODUCT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_ID | | 產品ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | PARTNER\_ID | | 夥伴ID | VARCHAR | 18 |  | Y |  | |
|  | REG\_FORM\_NO | | 申請單編號 | VARCHAR | 18 |  | Y |  | |
|  | REG\_TS | | 申請時間 | TIMESTAMP |  |  | Y |  | |
|  | PROD\_TYPE\_ID | | 產品類別 | VARCHAR | 1 |  |  | 1: Telecom VAS  2: Internet VAS  3: mpay  4: Payment  5: Cash Flow  6: DCB | |
|  | PAID\_FLAG | | 是否為付費產品 | VARCHAR | 1 |  |  | 1: 是  0: 否 | |
|  | PROD\_STATUS | | 產品狀態 | VARCHAR | 2 |  |  | 5: 審核通過/6: 產品啟用/7: 產品暫停/8: 產品終止 | |
|  | CHI\_NAME | | 產品中文名稱 | VARCHAR | 128 |  |  |  | |
|  | ENG\_NAME | | 產品英文名稱 | VARCHAR | 256 |  |  |  | |
|  | IN\_SER\_DATE | | 上架日期 | DATE |  |  |  |  | |
|  | EXP\_DATE | | 下架日期 | DATE |  |  |  |  | |
|  | SETTLE\_FLAG | | 是否需要拆帳 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | PB\_POCKET | | 所屬的電信帳單口袋（for credit limit） | INTEGER |  |  |  | POCKET\_ID | |
|  | CREATE\_USER | | Standard Who Column | VARCHAR | 150 |  |  |  | |
|  | CREATE\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  |  |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  |  |  | |

* 1. NPP\_PRODUCT\_RATE\_PLAN

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PRODUCT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_ID | | 產品ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | REG\_FORM\_NO | | 申請單編號 | VARCHAR | 18 |  | Y |  | |
|  | RATE\_ID | | Rate ID | VARCHAR | 2 |  |  | 99:fixed transaction fee; 97:dynamic transaction fee; 00:fixed monthly fee | |
|  | RATE\_NAME | | 費率方案名稱 | VARCHAR | 20 |  |  |  | |
|  | CYCLE\_TYPE | | 收費週期類型 | VARCHAR | 1 |  |  | 1: 每月  2: 每日 | |
|  | CYCLE\_VALUE | | 收費週期 | INTEGER |  |  |  | 每n月/每n日 | |
|  | CHG\_FEE | | 收費費用 | DECIMAL | (10,2) |  |  |  | |
|  | USE\_TIMES | | 週期限制使用次數 | INTEGER |  |  |  |  | |
|  | EXTRA\_FEE | | 超次使用費用 | DECIMAL | (10,2) |  |  |  | |
|  | SMS\_FEE | | 超次使用簡訊費用 | DECIMAL | (10,2) |  |  |  | |
|  | CHG\_S\_TYPE | | 計價起算日類型 | VARCHAR | 1 |  |  | 1: User Subscribe Date  2: Calendar Date | |
|  | CHG\_S\_VALUE | | 計價起算日 | INTEGER |  |  |  | 訂閱後n日起算/每月n號起算 | |
|  | PRORATE | | 是否支援破月計價 | VARCHAR | 1 |  |  | 1: 是  0: 否 | |
|  | CHG\_TYPE | | 計費方式 | VARCHAR | 1 |  |  | 0:Free of Charge(免費)  1:Monthly Fee charge(固定月租)  2.:Dynamic Fee(變動月租費型)  3:Transaction Base charge(使用付費型)  4:Charge Free(免費但記帳) | |
|  | CHG\_TIME | | 先收後收 | VARCHAR | 1 |  |  | 1: 先收  2: 後收 | |
|  | TRX\_CHG\_TYPE | | 固定費率型計費方式 | VARCHAR | 1 |  |  |  | |
|  | TRX\_CHG\_VALUE | | 固定費率行計費量 | DECIMAL | (10,2) |  |  |  | |
|  | DYN\_UP\_LMT | | 變動費率上限 | DECIMAL | (10,2) |  |  |  | |
|  | DYN\_LOW\_LMT | | 變動費率下限 | DECIMAL | (10,2) |  |  |  | |
|  | PREPAID\_FLAG | | 是否為預繳產品 | VARCHAR | 1 |  |  | 1: 是  0: 否 | |
|  | PREPAID\_PROD\_ID | | 預繳綁定產品 | VARCHAR | 20 |  |  |  | |
|  | PREPAID\_TYPE | | 預繳類型 | VARCHAR | 1 |  |  | 1: 週期預繳  2: 計次預繳 | |
|  | PREPAID\_SUB | | 預繳到期是否改定對應週期型產品 | VARCHAR | 1 |  |  |  | |
|  | PREPAID\_CNT | | 預繳週期/次數 | INTEGER |  |  |  |  | |
|  | PURCHASE\_LMT\_FLAG | | 預繳型是否有購買次數上限 | VARCHAR |  |  |  |  | |
|  | PURCHASE\_LMT | | 預繳型購買次數上限 | INTEGER |  |  |  |  | |
|  | DES | | 收費說明 | VARCHAR | 1024 |  |  |  | |
|  | RATE\_DESC\_ID | | 計費說明 | VARCHAR | 1 |  |  | 1=代收代付  2=ICQ  3=SMSPrepaidment  4=其他 | |
|  | RATE\_DESC | | 計費說明-其他 | VARCHAR | 1024 |  |  |  | |
|  | AUTHO\_TRANS\_TYPE | | 授權計次類型 | VARCHAR | 1 |  |  | 0: 不支援授權計次  1: 不定次  2: 定次 | |
|  | AUTHO\_TRANS\_COUNT | | 授權計次上限次數 | INTEGER |  |  |  |  | |
|  | CREATE\_USER | | Standard Who Column | VARCHAR | 150 |  |  |  | |
|  | CREATE\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_USER | | Standard Who Column | VARCHAR | 150 |  |  |  | |
|  | LAST\_MOD\_TS | | Standard Who Column | TIMESTAMP |  |  |  |  | |

* 1. NPP\_PRODUCT\_STATUS

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PRODUCT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_STATUS | | 產品狀態 | VARCHAR | 2 |  | Y | Primary Key | |
|  | STATUS\_DES | | 產品狀態文字敘述 | VARCHAR | 1024 |  | Y |  | |

* 1. NPP\_PRODUCT\_INVOICE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PRODUCT\_INVOICE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_ID | | 產品ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | INVOICE\_TYPE | | 發票開立方式 | VARCHAR | 1 |  |  | F: 遠傳開立  M: 廠商自行開立  N: 不需開立 | |
|  | REVENUE | | 營收類型 | VARCHAR | 1 |  |  | F: Full  N: Net | |
|  | BIZ\_TYPE | | 發票事業別 | VARCHAR | 3 |  |  | EBK, APP, IPY | |
|  | COA\_BU\_CODE | | 事業別 | VARCHAR | 4 |  |  |  | |
|  | COA\_PROD\_CODE | | 產品代碼 | VARCHAR | 4 |  |  |  | |
|  | COA\_ACC\_CODE | | 會計科目 | VARCHAR | 8 |  |  | 590804 (非電信營收) | |

* 1. NPP\_PRODUCT\_SETTLE\_INFO

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PARTNER\_BANK\_ACCOUNT\_INFO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_ID | | 產品ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | SETTLE\_METHOD | | 拆帳方式 | VARCHAR | 1 |  |  | P: Product (以產品為單位)  O: One-time (每週期拆一固定金額)  D: Dynamic (多層動態拆帳) | |
|  | SETTLE\_NOTE | | 拆帳備註 | VARCHAR | 256 |  |  |  | |
|  | APPR | | 審核人 | VARCHAR | 32 |  |  |  | |
|  | APPR\_DATE | | 審核日期 | TIMESTAMP |  |  |  |  | |
|  | FIX\_SETTLE\_AMT | | One-time拆帳時的金額 | DECIMAL | (15, 2) |  |  |  | |
|  | DYN\_SETTLE\_RATE | | 多層動態拆帳時，商家最多只能拆多少百分比 | DECIMAL | (6,2) |  |  |  | |

* 1. NPP\_PRODUCT\_SUPPORT\_PAYMETHOD

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PROD\_SUPPORT\_PAYMETHOD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_ID | | 產品ID | VARCHAR | 18 |  | Y | Primary Key | |
|  | PAY\_METHOD | | 付款方式ID | VARCHAR | 4 |  | Y | PB: Phone Bill  CC: 信用卡  **SVC: SVC**  CA: Cash HG: HappyGo BK: 全國繳費平台  ATM: ATM轉帳  WATM: Web ATM | |
|  | INSTALL\_PERIOD | | 分期期數 | SMALLINT |  |  | Y | 01: 不分期  03: 分3期  12: 分12期  99: 紅利折抵 | |
|  | METHOD\_NO | | 付款方式編號 | VARCHAR | 2 |  | Y | 對應傳送到Settlement的付款方式編號  01: Phone Bill  02: 信用卡,  **03: SVC-現金點**  **04: SVC-贈送點**  **05: SVC-混合點**  06: Cash  07: HappyGo  08: Bank(全國繳費平台)  09: ATM transfer  **10: Web ATM** | |
|  | SETTLE\_RATE | | 拆帳比 | DECIMAL | (6,2) |  |  |  | |
|  | SETTLE\_AMT | | 拆帳金額 | DECIMAL | (15,2) |  |  |  | |
|  | HANDLE\_FEE | | 手續費 | VARCHAR | 1 | N |  | N: 無  R: ratio (按百分比設定)  A: amount (按金額設定) | |
|  | HANDLE\_FEE\_RATE | | 手續費百分比 | DECIMAL | (6,2) |  |  |  | |
|  | HANDLE\_FEE\_AMT | | 手續費金額 | DECIMAL | (15,2) |  |  |  | |

* 1. NPP\_PRODUCT\_AUTHORIZE\_TRANSACTION

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PRODUCT\_AUTHORIZE\_TRANSACTION | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | PROD\_ID | | 產品編號 | VARCHAR | 18 |  | Y | Primary Key | |
|  | REG\_FORM\_NO | | 申請單編號 | VARCHAR | 18 |  | Y |  | |
|  | AUTHO\_TRANS\_TYPE | | 授權計次類型 | VARCHAR | 1 |  |  | 0: 不支援授權計次  1: 不定次  2: 定次 | |
|  | AUTHO\_TRANS\_COUNT | | 授權計次上限次數 | INTEGER |  |  |  |  | |

* 1. NPP\_PAYMENT\_METHOD

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PAYMETHOD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | **METHOD\_ID** | | 付款方式ID | VARCHAR | 4 |  | Y | PB: Phone Bill  CC: 信用卡  **SVC: SVC**  CA: Cash HG: HappyGo BK: 全國繳費平台  ATM: ATM轉帳  WATM: Web ATM | |
|  | **INSTALL\_PERIOD** | | 分期期數 | SMALLINT |  |  | Y | 01: 不分期  03: 分3期  12: 分12期  99: 紅利折抵 | |
|  | METHOD\_NO | | 付款方式編號 | VARCHAR | 2 |  | Y | 對應傳送到Settlement的付款方式編號  01: Phone Bill  02: 信用卡,  **03: SVC-現金點**  **04: SVC-贈送點**  **05: SVC-混合點**  06: Cash  07: HappyGo  08: Bank(全國繳費平台)  09: ATM transfer  **10: Web ATM** | |
|  | METHOD\_CHI\_NAME | | 付款方式中文名稱 | VARCHAR | 256 |  |  | 電信帳單、信用卡、SVC、etc. | |
|  | METHOD\_ENG\_NAME | | 付款方式英文名稱 | VARCHAR | 256 |  |  |  | |
|  | REVERSAL\_FLAG | | 是否可取消交易 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | REFUND\_FLAG | | 是否可接受退款 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | PART\_REFUND\_FLAG | | 是否可接受部分退款 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | REFUNDREV\_FLAG | | 是否可接受取消退款 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | IS\_COMPLEMENTARY | | 是否為點數型（可用來搭配主付款方式）的付款工具（例：Happy Go點數、SVC點數） | VARCHAR | 1 |  |  | Y: Yes  N: No | |

* 1. NPP\_USER

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | USER\_ID | | 用戶ID | BIGINT |  |  | Y | Primary key | |
|  | DOMAIN\_TYPE | | 用戶來源（fetnet, FriDay, etc.） | VARCHAR | 8 |  | Y |  | |
|  | NAME | | 名字 | VARCHAR | 60 |  |  |  | |
|  | ACC\_ID | | 帳號 | DECIMAL | 18,0 |  |  |  | |
|  | PASSWORD | | 密碼 | VARCHAR | 66 |  |  |  | |
|  | MSISDN | | 手機號碼 | VARCHAR | 20 |  |  |  | |
|  | ROC\_ID | | 證照號碼 | VARCHAR | 60 |  |  |  | |
|  | EMAIL | | 電子郵件信箱 | VARCHAR | 128 |  |  |  | |
|  | ADDR | | 戶籍地址 |  |  |  |  | 是否能從SDP得到? | |
|  | CONTACT\_ADDR | | 聯絡地址 | VARCHAR | 512 |  |  |  | |
|  | COUNTRY | | 國籍 | VARCHAR | 8 |  |  |  | |
|  | BILLING\_ACC\_ID | | 遠傳帳單帳號 | VARCHAR | 18 |  |  |  | |
|  | GSM\_PAY\_NAME | | 帳單付款人姓名 |  |  |  |  |  | |
|  | GSM\_ACTV\_TS | | 啟用日期 | TIMESTAMP |  |  |  |  | |
|  | GSM\_USERTYPE | | 企業/個人用戶 |  |  |  |  |  | |
|  | GSM\_CARRIERTYPE | | 遠傳/和信 | VARCHAR | 8 |  |  |  | |
|  | GSM\_SUBTYPE | | 2G, 3G, 4G, etc. | VARCHAR | 8 |  |  |  | |
|  | GSM\_PAIDTYPE | | Prepaid, postpaid, hybrid, etc. | VARCHAR | 8 |  |  |  | |
|  | GSM\_STATUS | | 門號狀態 | VARCHAR | 256 |  |  |  | |
|  | GSM\_BILL\_ADDR | | 帳單地址 |  |  |  |  |  | |
|  | ALLOW\_BILL | | 是否開啟電信帳單繳款 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | ALLOW\_MPAY | | 小額付費開通日期 | VARCHAR | 14 |  |  |  | |
|  | ALLOW\_LMT\_ALERT | | 是否開啟交易達上限之簡訊警示通知 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | ALERT\_LMT | | 交易上限金額 | INTEGER |  |  |  |  | |
|  | ALLOW\_TX\_ALERT | | 是否開啟交易簡訊通知 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | DFLT\_PAY\_METHOD | | 預設付款方式 | VARCHAR | 4 |  |  |  | |

* 1. NPP\_USER\_INVOICE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER\_INVOICE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | USER\_ID | | 用戶ID | BIGINT |  |  | Y | Primary key | |
|  | PRESENT\_TYPE | | 發票載具 | VARCHAR | 6 |  | Y | FETNET: Fetnet會員  FRIDAY: FriDay會員  MOBILE: 手機條碼  MOICA: 自然人憑證 | |
|  | PRESENT\_NO | | 手機條碼 或 自然人憑證號碼 | VARCHAR | 64 |  |  |  | |
|  | IS\_DONATE | | 是否捐贈 | VARCHAR | 2 |  | Y | N: 不捐贈  Y1: 選擇捐贈單位  Y2: 自行輸入愛心碼 | |
|  | DONATE\_ID | | 捐贈單位ID | VARCHAR | 8 |  |  |  | |
|  | DONATE\_NO | | 自行輸入的愛心碼 | VARCHAR | 8 |  |  |  | |
|  | CUST\_TYPE | | 用戶類型 (二聯/三聯) | VARCHAR | 2 |  | Y | I: 個人戶 (二聯)  E: 企業戶 (三聯) | |
|  | IS\_PRINT | | 是否索取紙本 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | GUID | | 統一編號 | VARCHAR | 10 |  |  |  | |
|  | INVOICE\_TITLE | | 發票抬頭 | VARCHAR | 50 |  |  |  | |
|  | EMAIL | | 電子郵件信箱 | VARCHAR | 50 |  |  |  | |
|  | IS\_BILL\_ADDR | | 發票地址是否同帳單地址 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | CITY | | 城市 | VARCHAR | 6 |  |  |  | |
|  | DISTRICT | | 地區 | VARCHAR | 10 |  |  |  | |
|  | ADDR | | 地址 | VARCHAR | 128 |  |  |  | |

* 1. NPP\_USER\_INVOICE\_DONATION

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER\_INVOICE\_DONATION | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | DONATE\_CODE | | 捐贈單位愛心碼 | VARCHAR | 8 |  | Y | Primary key | |
|  | DONATE\_NAME | | 捐贈單位簡稱 | VARCHAR | 32 |  |  |  | |
|  | DONATE\_FULL\_NAME | | 捐贈單位全名 | VARCHAR | 128 |  |  |  | |

* 1. NPP\_USER\_PAYMENT\_METHOD

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER\_PAYMENT\_METHOD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | METHOD\_ID | | 付款方式ID | VARCHAR | 4 |  | Y | PB: Phone Bill  CC01: 信用卡不分期  CC03: 信用卡分3期  CC99: 信用卡紅利折抵  SVCC: SVC現金點  SVCG: SVC贈送點  SVCM: SVC混合點  CA: Cash HG: HappyGo BK: 全國繳費平台  ATM: ATM轉帳  WATM: Web ATM | |
|  | KEY\_ID | | 該付款方式最主要的ID（可能是信用卡號、SVC卡號、HappyGo卡號、etc.） | VARCHAR | 32 |  | Y |  | |
|  | KEY\_HASH | | 卡號的hash值 | ????? | ??? |  | N | For credit card only? | |
|  | BANK\_ID | | 銀行代碼 | VARCHAR | 3 |  |  |  | |
|  | VALID\_UNTIL | | 有效時間 | VARCHAR | 16 |  |  | 201608 | |
|  | MORE\_INFO | | 是否有更多資訊 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | IS\_DFLT | | 是否為預設付款方式 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | ENTRY\_TS | | 建立日期 | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | | 最後修改日期 | TIMESTAMP |  |  |  |  | |

* 1. NPP\_USER\_PAYMENT\_METHOD\_INFO

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER\_PAYMENT\_METHOD\_INFO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | USER\_ID | | User ID | BIGINT |  |  |  |  | |
|  | METHOD\_ID | | 付款方式ID | VARCJAR | 4 |  |  |  | |
|  | KEY\_ID | |  | VARCHAR | 32 |  |  |  | |
|  | KEY\_HASH | | 卡號的hash值 | ????? | ??? |  | N | For credit card only? | |
|  | NAME\_ID | | Reference to NPP\_USER\_PAYMETHOD\_NAME | VARCHAR | 16 |  |  |  | |
|  | VAL | | 實際填入的值 | VARCHAR | 256 |  |  |  | |

* 1. NPP\_USER\_PAYMENT\_METHOD\_NAME

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER\_PAYMENT\_METHOD\_NAME | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | NAME\_ID | | 欄位的ID | VARCHAR | 16 |  |  |  | |
|  | NAME\_CONTENT | | 欄位名稱 | VARCHAR | 256 |  |  |  | |

* 1. NPP\_USER\_DEFAULT\_PAYMENT\_METHOD

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_USER\_DEFAULT\_PAYMENT\_METHOD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | USER\_ID | | 用戶ID | BIGINT |  |  |  |  | |
|  | PARTNER\_ID | | Partner ID | VARCHAR | 18 |  |  |  | |
|  | DFLT\_PAY\_METHOD | | By Partner設定的預設付款方式 | VARCHAR | 4 |  |  |  | |
|  | KEY\_ID | | 付款方式key值（卡號） | VARCHAR | 32 |  |  |  | |
|  | KEY\_HASH | | 卡號的hash值? | ????? | ???? |  | No |  | |
|  | BANK\_ID | | 銀行代碼 | VARCHAR | 3 |  |  |  | |
|  | VALID\_UNTIL | | 有效時間 | VARCHAR | 16 |  |  | 201608 | |
|  | MORE\_INFO | | 是否有更多資訊 | VARCHAR | 1 |  | Y | Y: Yes  N: No | |
|  | LAST\_MOD\_TS | | 最後修改時間 | TIMESTAMP |  |  |  |  | |

* 1. NPP\_BANK\_INFO

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_BANK\_INFO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | BANK\_ID | | 銀行代碼 | VARCHAR | 3 |  | Y |  | |
|  | BANK\_NAME | | 銀行名稱 | VARCHAR | 30 |  | Y |  | |

1. Credit Limit
   1. NPP\_CL\_PROMO

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PROMO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  |  | Auto-increment | |
|  | PROMO\_ID | |  | INTEGER |  |  |  | 建立時產生的promotion ID，修改時PROMO\_ID不變 | |
|  | NAME | | 活動名稱 | VARCHAR | 64 |  | Y |  | |
|  | TYPE | | 最後一筆或是促銷 | VARCHAR | 2 | L | Y | L:最後一筆Last  P:促銷Promotion | |
|  | STATUS | | 狀態 | VARCHAR | 2 | S | Y | R:已開始RUN  S:未開始STANBY  E:已結束END  C:已取消CANCEL  V:審核中VERIFY  F:審核退回FAIL | |
|  | POCKET\_ID | | 口袋ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | GRADE | | by整個級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | UPLOAD\_NAMELIST | | by上傳的名單 | VARCHAR | 2 | N | Y | N: 否  Y: 是 | |
|  | AMT | | 調整額度 | DECIMAL | 10,2 | 0 | Y |  | |
|  | PROMO\_S\_DATE | | 有效時間起 | VARCHAR | 8 |  | Y | 格式:YYYYMMDD  範例:20150112 | |
|  | PROMO\_E\_DATE | | 有效時間迄 | VARCHAR | 8 |  | Y | 格式:YYYYMMDD  範例:20150112  永久有效:  99991231 | |
|  | DES | | 調整說明 | VARCHAR | 254 |  |  |  | |
|  | IS\_SEND\_SMS | | 是否送簡訊 | VARCHAR | 2 | N | Y | N: 否  Y: 是 | |
|  | SEND\_SMS\_S\_TIME | | 發送時間起 | VARCHAR | 4 |  |  | 簡訊發送時間  0900 | |
|  | SMS\_CONTENT | | 簡訊內容 | VARCHAR | 254 |  |  |  | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明: 儲存動態調整的資訊。此TABLE包含所有新增/修改/刪除的歷史紀錄。

* 1. NPP\_CL\_PROMO\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PROMO\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ~~ID~~ | | ~~流水號~~ | ~~INTEGER~~ |  |  |  | ~~Auto-increment~~ | |
|  | PROMO\_ID | |  | INTEGER |  |  | Y | 對應NPP\_CL\_PROMO的PROMO\_ID | |
|  | NAME | | 活動名稱 | VARCHAR | 64 |  | Y |  | |
|  | TYPE | | 最後一筆或是促銷 | VARCHAR | 2 | L | Y | L:最後一筆Last  P:促銷Promotion | |
|  | STATUS | | 狀態 | VARCHAR | 2 | S | Y | R:已開始RUN  S:未開始STANBY  E:已結束END  C:已取消CANCEL  V:審核中VERIFY  F:審核退回FAIL | |
|  | POCKET\_ID | | 口袋ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | GRADE | | by整個級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | UPLOAD\_NAMELIST | | by上傳的名單 | VARCHAR | 2 | N | Y | N: 否  Y: 是 | |
|  | AMT | | 調整額度 | DECIMAL | 10,2 | 0 | Y |  | |
|  | PROMO\_S\_DATE | | 有效時間起 | VARCHAR | 8 |  | Y | 格式:YYYYMMDD  範例:20150112 | |
|  | PROMO\_E\_DATE | | 有效時間迄 | VARCHAR | 8 |  | Y | 格式:YYYYMMDD  範例:20150112  永久有效:  99991231 | |
|  | DES | | 調整說明 | VARCHAR | 254 |  |  |  | |
|  | IS\_SEND\_SMS | | 是否送簡訊 | VARCHAR | 2 | N | Y | N: 否  Y: 是 | |
|  | SEND\_SMS\_S\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 簡訊發送時間  0900 | |
|  | SMS\_CONTENT | | 簡訊內容 | VARCHAR | 254 |  |  |  | |

資料表說明: 儲存動態調整的資訊(LIVE使用)，只有當下為live的promotion會存進此table中。

* 1. NPP\_CL\_PROMO\_USER\_LIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PROMO\_USER\_LIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key  流水號 | |
|  | PROMO\_ID | | Promotion ID | INTEGER |  |  | Y | 上傳名單的對應 | |
|  | ROC\_ID | |  | VARCHAR | 18 |  |  | 身分證字號 | |
|  | MSISDN | |  | VARCHAR | 20 |  |  | 門號 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | S | Y | R:已開始RUN  S:未開始STANBY  E:已結束END  C:已取消CANCEL  V:審核中VERIFY  F:審核退回FAIL | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 如果是Promotion是使用上傳user檔案，會把明細資料存入此table

* 1. NPP\_CL\_PROMO\_USER\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PROMO\_USER\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PROMO\_ID | | Promotion ID | INTEGER |  |  | Y |  | |
|  | USER\_LIST\_ID | |  | INTEGER |  |  | Y |  | |
|  | TYPE | | 最後一筆或是促銷 | VARCHAR | 2 | L | Y | L:最後一筆Last  P:促銷Promotion | |
|  | STATUS | | 狀態 | VARCHAR | 2 | S | Y | R:已開始RUN  S:未開始STANBY  E:已結束END  C:已取消CANCEL  V:審核中VERIFY  F:審核退回FAIL | |
|  | POCKET\_ID | | 口袋ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | GRADE | | by整個級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | ROC\_ID | | 身分證字號 | VARCHAR | 18 |  | Y |  | |
|  | AMT | | 調整額度 | DECIMAL | 10,2 |  | Y |  | |
|  | PROMO\_S\_DATE | | 有效時間起 | VARCHAR | 8 |  | Y | YYYYMMDD  EX: 20150122 | |
|  | PROMO\_E\_DATE | | 有效時間迄 | VARCHAR | 8 |  | Y | 永久有效:  99991231 | |

資料表說明: 儲存動態調整的USER資訊(LIVE使用)

* 1. NPP\_CL\_PROMO\_SMS\_SEND

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PROMO\_SMS\_SEND | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PROMO\_ID | | Promotion ID | INTEGER |  |  | Y | 上傳名單的對應 | |
|  | ROC\_ID | | 身分證字號 | VARCHAR | 18 |  |  | 上傳名單的對應 | |
|  | MSISDN | | 門號 | VARCHAR | 20 |  |  | 上傳名單的對應 | |
|  | USER\_ID | | 用戶ID | BIGINT |  |  | Y | 儲存內容:   1. 上傳名單後的ROC\_ID + MSISDN後對應的USER\_ID 2. Promotion ID對應GRADE下所有的USER\_ID | |
|  | PROMO\_E\_DATE | | 有效時間迄 | VARCHAR | 8 |  | Y | 格式:YYYYMMDD  範例:20150112  永久有效:  99991231 | |
|  | SEND\_SMS\_S\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 簡訊發送時間  0900 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | I | Y | I: 未發送  S: SUCCESS  F: FAILED | |
|  | RETURN\_MSG | | Return Message | VARCHAR | 128 |  |  |  | |
|  | LAST\_MOD\_TS | | 最後更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明: PROMOTION需要傳送SMS的名單

* 1. NPP\_CL\_PROMO\_SMS\_SEND\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PROMO\_SMS\_SEND\_HIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PROMO\_ID | | Promotion ID | INTEGER |  |  | Y | 上傳名單的對應 | |
|  | ROC\_ID | | 身分證字號 | VARCHAR | 18 |  |  | 上傳名單的對應 | |
|  | MSISDN | | 門號 | VARCHAR | 20 |  |  | 上傳名單的對應 | |
|  | USER\_ID | | 用戶ID | BIGINT |  |  | Y |  | |
|  | PROMO\_E\_DATE | | 有效時間迄 | VARCHAR | 8 |  | Y | 格式:YYYYMMDD  範例:20150112  永久有效:  99991231 | |
|  | SEND\_SMS\_S\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 簡訊發送時間  0900 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | I | Y | I: 未發送  S: SUCCESS  F: FAILED | |
|  | RETURN\_MSG | | Return Message | VARCHAR | 128 |  |  |  | |
|  | LAST\_MOD\_TS | | 最後更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明: PROMOTION傳送SMS的紀錄(歷史), 僅儲存STATUS=S(SUCCESS) & F(FAILED)

* 1. NPP\_CL\_POCKET

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_POCKET | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | NAME | | 口袋名稱 | VARCHAR | 64 |  | Y |  | |
|  | DES | | 口袋描述 | VARCHAR | 254 |  |  |  | |
|  | DEL\_FLAG | | 刪除註記 | CHAR | 1 | I | Y | D: DELETED  I: IN USE | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 口袋主檔資料

* 1. NPP\_CL\_GRADE\_NAME

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_GRADE\_NAME | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | NAME | | 級距名稱 | VARCHAR | 64 |  | Y |  | |
|  | SEQ | | 級距順序 | INTEGER |  |  |  |  | |

資料表說明: 級距主檔資料

* 1. NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | GRADE | |  | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | POCKET\_LMT | | 口袋額度金額 | DECIMAL | 15, 2 |  |  |  | |
|  | GRADE\_S\_SCORE | | 分數級距起 | DECIMAL | (5,2) |  |  | >= | |
|  | GRADE\_E\_SCORE | | 分數級距迄 | DECIMAL | (5,2) |  |  | <  最大值: 999 | |
|  | DEL\_FLAG | | 刪除註記 | CHAR | 1 | I | Y | D: DELETED  I: IN USE | |
|  | YYYYMM | | 有效年月（當月） | VARCHAR | 6 |  | Y | 例：201502 | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: Phone Bill Credit Policy 每月一號會用分數找出級距與金額。此TABLE包含所有設定的歷史紀錄。

* 1. NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_CREDIT\_POLICY\_GRADE\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | |  | INTEGER |  |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | GRADE | |  | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | POCKET\_LMT | | 口袋額度金額 | DECIMAL | 15, 2 |  |  |  | |
|  | GRADE\_S\_SCORE | | 分數級距起 | DECIMAL | (5,2) |  |  | >= | |
|  | GRADE\_E\_SCORE | | 分數級距迄 | DECIMAL | (5,2) |  |  | <  最大值: 999 | |
|  | YYYYMM | | 有效年月（當月） | VARCHAR | 6 |  | Y | 例：201502 | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: Phone Bill Credit Policy 每月一號會以用分數找出級距與金額(LIVE使用)

此TABLE中只會包含當月資料，以及當月修改（下個月生效）的資料。每個月的資料只會有一份，以後蓋前。

修改資料（下個月生效）時，程式將自動把資料存成當月+1月份的資料（例：2015年1月修改的資料會存成201502）

* 1. NPP\_CL\_CSR\_ADJUSTMENT

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_ADJUSTMENT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | POCKET\_ID | | 口袋ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | CSR\_S\_DATE | |  | VARCHAR | 8 |  | Y | YYYYMMDD  EX: 20150112 | |
|  | CSR\_E\_DATE | |  | VARCHAR | 8 |  | Y | 永久有效: 99991231 | |
|  | CHANGE\_AMT | | 調整金額 | DECIMAL | 15, 2 |  |  |  | |
|  | CHANGE\_GRADE | | 調整級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | CHANGE \_NOTE | | 調整註解 | VARCHAR | 254 |  |  |  | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 客服調整歷史記錄依口袋與ROC ID，可調金額或級距，也可同時調兩者。

* 1. NPP\_CL\_CSR\_ADJUSTMENT\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_ADJUSTMENT\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y |  | |
|  | ADJ\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | POCKET\_ID | | 口袋ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | CSR\_S\_DATE | |  | VARCHAR | 8 |  | Y | YYYYMMDD  EX: 20150112 | |
|  | CSR\_E\_DATE | |  | VARCHAR | 8 |  | Y | 永久有效: 99991231 | |
|  | CHANGE\_AMT | | 調整金額 | DECIMAL | 15, 2 |  |  |  | |
|  | CHANGE\_GRADE | | 調整級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | CHANGE \_NOTE | | 調整註解 | VARCHAR | 254 |  |  |  | |

資料表說明: 客服調整記錄依口袋與ROC ID(LIVE)

* 1. NPP\_CL\_CSR\_POCKET\_SETTING

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_POCKET\_SETTING | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | | 身分證號碼 | VARCHAR | 18 |  | Y |  | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | CLOSE\_FLAG | | 是否關閉口袋 | CHAR | 1 | C | Y | C:關閉  O:開啟 | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 可以用USER ID來關閉口袋

* 1. NPP\_CL\_CSR\_POCKET\_SETTING\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_POCKET\_SETTING\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | SET\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | ROC\_ID | | 身分證號碼 | VARCHAR | 18 |  | Y |  | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | CLOSE\_FLAG | | 是否關閉口袋 | CHAR | 1 | C | Y | C:關閉  O:開啟 | |

資料表說明: 可以用USESR ID來關閉口袋(LIVE)

* 1. NPP\_CL\_CSR\_PARTNER\_SETTING

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_POCKET\_SETTING | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | | 身分證號碼 | VARCHAR | 18 |  | Y |  | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | PARTNER\_ID | | 口袋 ID | INTEGER |  |  | Y |  | |
|  | CLOSE\_FLAG | | 是否關閉口袋 | CHAR | 1 | C | Y | C:關閉  O:開啟 | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 可以用USER ID來關閉在各商家的電信帳單付費功能

* 1. NPP\_CL\_CSR\_PARTNER\_SETTING\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_POCKET\_SETTING | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | | 身分證號碼 | VARCHAR | 18 |  | Y |  | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | PARTNER\_ID | | 口袋 ID | INTEGER |  |  | Y |  | |
|  | CLOSE\_FLAG | | 是否關閉口袋 | CHAR | 1 | C | Y | C:關閉  O:開啟 | |

資料表說明: 可以用USER ID來關閉在各商家的電信帳單付費功能 (live交易查詢用)

* 1. NPP\_CL\_CSR\_POCKET\_SETTING\_USER\_LIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_CSR\_POCKET\_SETTING\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | UPLOAD\_FILENAME | | 上傳檔案名稱 | VARCHAR | 256 |  | Y |  | |
|  | ROC\_ID | |  | VARCHAR | 18 |  |  | 身分證字號 | |
|  | MSISDN | |  | VARCHAR | 20 |  |  | 門號 | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  |  |  | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 若是上傳名單關閉多個ROCID的電信帳單付費功能，名單將會寫入此資料表中

* 1. NPP\_CL\_PB\_USER\_POCKET\_GRADE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_USER\_POCKET\_GRADE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | INIT\_SCORE | | 月初信用評等分數 | DECIMAL | (5,2) |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | INIT\_GRADE | | 月初起始級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | CHANGE\_GRADE | | 更改後的級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | YYYYMM | | 年月 | VARCHAR | 6 |  | Y | EX: 201501 | |
|  | LAST\_MOD\_TS | | 更新日期 | TIMESTAMP |  |  | Y |  | |

資料表說明: 每個月一號計算完的級距歷史記錄

* 1. NPP\_CL\_PB\_USER\_POCKET\_GRADE\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_USER\_POCKET\_GRADE\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | |  | INTEGER |  |  | Y |  | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | INIT\_SCORE | | 月初信用評等分數 | DECIMAL | (5,2) |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | INIT\_GRADE | | 月初起始級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | CHANGE\_GRADE | | 更改後的級距 | Integer |  |  | Y | FK to NPP\_CL\_GRADE\_NAME | |
|  | YYYYMM | | 年月 | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: 當月計算完的級距記錄(LIVE)

* 1. NPP\_CL\_PB\_CREDIT\_POLICY\_GROUP

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_CREDIT\_POLICY\_GROUP | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 項目群組 | INTEGER |  |  | Y | Primary Key | |
|  | NAME | | 名稱 | VARCHAR | 32 |  | Y |  | |
|  | WEIGHT | | 權重 | DOUBLE |  |  | Y |  | |

資料表說明: Phone Bill 信用評等規則的項目群組

* 1. NPP\_CL\_PB\_CREDIT\_POLICY\_SCORE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_CREDIT\_POLICY\_SCORE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | GROUP\_ID | | 項目群組 | INTEGER |  |  | Y | FK to POLICY GROUP ID | |
|  | LINE\_RANK\_ID | | 項目排序ID | INTEGER |  |  | Y | 畫面上的排序(Sort by User) | |
|  | SCORE | | 分數 | DOUBLE |  |  | Y |  | |
|  | CONDITION | | 使用 TYPE 或是 RANGE | VARCHAR | 2 |  | Y | T:TYPE  R:RANGE | |
|  | TYPE\_VALUE | |  | VARCHAR | 2 |  |  | NA: 無設定轉帳  CC: 信用卡轉帳  DD: 銀行轉帳  UA: Under age  EP: Enterprise  IN: Individual | |
|  | RANGE\_FROM | |  | INTEGER |  |  |  | >= | |
|  | RANGE\_TO | |  | INTEGER |  |  |  | < | |
|  | DESC | |  | VARCHAR | 254 |  |  |  | |
|  | YYYYMM | | 年月 | VARCHAR | 6 |  | Y | EX: 201501 | |
|  | LAST\_MOD\_USER | |  | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: Phone Bill 信用評等規則的設定資料, Phone Bill Credit Policy 每月一號會以此 config 計算分數（歷史資料）

* 1. NPP\_CL\_PB\_CONSUME\_CACHE 累積消費金額

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_CONSUME\_CACHE累積消費金額 | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  |  | FK to NPP\_CL\_POCKET | |
|  | TIMES | | 次數 | INTEGER |  |  |  |  | |
|  | CONSUME\_AMT | | 累積消費金額 | DECIMAL | 15, 2 |  | Y |  | |
|  | TYPE | | 平台或口袋 | VARCHAR | 2 |  | Y | PL:PLATFORM  PC:POCKET | |
|  | YYYYMM | |  | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: Cache table，每個月重新計算，交易成功時會更新此table, 並將歷史資料備份至備份資料表內

備註: 因為CATCHE TABLE著重於效能, 故並不考量資料表設計的通用性與延展性

* 1. NPP\_CL\_PB\_CONSUME\_HIST 歷史年月累積消費金額

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_PB\_CONSUME\_HIST歷史年月累積消費金額 | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  |  | FK to NPP\_CL\_POCKET | |
|  | CONSUME\_AMT | | 累積消費金額 | DECIMAL | 15, 2 |  | Y |  | |
|  | TYPE | | 平台或口袋 | VARCHAR | 2 |  | Y | P:PLATFORM  C:POCKET | |
|  | YYYYMM | |  | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: 歷史年月的交易成功累積消費金額table

* 1. NPP\_CL\_NONPB\_CONSUME \_CACHE 累積消費金額

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_NONPB\_CONSUME \_CACHE 累積消費金額 | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | |  | VARCHAR | 4 |  | Y | CC: Credit card  SVC: SVC | |
|  | CARD\_NO | |  | VARCHAR | 16 |  | Y |  | |
|  | PARTNER\_ID | | 夥伴ID | VARCHAR | 18 |  |  |  | |
|  | TIMES | | 次數 | INTEGER |  |  |  |  | |
|  | CONSUME\_AMT | | 累積消費金額 | DECIMAL | 15, 2 |  |  |  | |
|  | TYPE | | 平台或夥伴 | VARCHAR | 2 |  | Y | PL: Platform  PA: Partner | |
|  | YYYYMM | |  | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: Cache table，每個月重新計算，交易成功時會更新此table, 並將歷史資料備份至備份資料表內

備註: 因為CATCHE TABLE著重於效能, 故並不考量資料表設計的通用性與延展性

* 1. NPP\_CL\_NONPB\_CONSUME \_HIST 歷史年月累積消費金額

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_NONPB\_CONSUME \_HIST 歷史年月累積消費金額 | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | |  | VARCHAR | 4 |  | Y | CC: Credit card  SVC: SVC | |
|  | CARD\_NO | |  | VARCHAR | 16 |  | Y |  | |
|  | PARTNER\_ID | | 夥伴ID | VARCHAR | 18 |  |  |  | |
|  | TIMES | | 次數 | INTEGER |  |  |  |  | |
|  | CONSUME\_AMT | | 累積消費金額 | DECIMAL | 15, 2 |  |  |  | |
|  | TYPE | | 平台或夥伴 | VARCHAR | 2 |  | Y | P:PLATFORM  C:POCKET | |
|  | YYYYMM | |  | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: 歷史年月的交易成功累積消費金額table

* 1. NPP\_CL\_PB\_CONSUME\_BY\_MSISDN

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_DW\_UPLOAD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | CONSUME\_AMT | | 累積消費金額 | DECIMAL | 15, 2 |  | Y |  | |
|  | TYPE | | 平台或口袋 | VARCHAR | 2 |  | Y | P:PLATFORM  C:POCKET | |
|  | YYYYMM | | 年月 | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: 紀錄每個門號 (USER\_ID) 當月使用掉的電信帳單交易額度

* 1. NPP\_CL\_PB\_CONSUME\_BY\_MSISDN\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_DW\_UPLOAD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | USER\_ID | | 使用者ID | BIGINT |  |  | Y |  | |
|  | POCKET\_ID | | 口袋 ID | INTEGER |  |  | Y | FK to NPP\_CL\_POCKET | |
|  | CONSUME\_AMT | | 累積消費金額 | DECIMAL | 15, 2 |  | Y |  | |
|  | TYPE | | 平台或口袋 | VARCHAR | 2 |  | Y | P:PLATFORM  C:POCKET | |
|  | YYYYMM | | 年月 | VARCHAR | 6 |  | Y | EX: 201501 | |

資料表說明: 紀錄每個門號 (USER\_ID) 過去每月使用掉的電信帳單交易額度

* 1. NPP\_CL\_DW\_UPLOAD

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CL\_DW\_UPLOAD | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | SUBSCRIBER\_NO | | 門號ID | VARCHAR | 10 |  | Y |  | |
|  | BILL\_ACC\_ID | | 帳單ID | VARCHAR | 10 |  | Y |  | |
|  | ROC\_ID\_MD5 | | 身分證字號/營利事業統一編號/護照號碼 | VARCHAR | 64 |  | Y | 付款人ROCID、護照號碼或統編  (MD5 HASH) | |
|  | MSISDN | | 手機門號 | VARCHAR | 20 |  | Y |  | |
|  | TENURE | | 門號啟用月數 | DOUBLE |  |  |  | 單月:月 | |
|  | PAY\_STATUS | | 最後一次hotline時間 | VARCHAR | 14 |  |  | 用於計算繳款狀況 | |
|  | AUTO\_TRANS | | 設定自動轉帳 | VARCHAR | 10 |  |  | CC:Credit Card(信用卡)  DD:Direct Debit(銀行轉帳)  CA:Cash | |
|  | AGE | | 客戶年齡 | INTEGER |  |  |  | 使用者年齡 | |
|  | CUSTOMER\_TYPE | | 客戶屬性 | CHAR | 5 |  |  | 1: CONTENT & MEDIA  2開頭: 企業 (含2, 21, 211, 212, 22)  3: HOME  4: 個人  (每月1日計算) | |
|  | V\_RATEPLAN | | 當月出帳之語音資費 | INTEGER |  |  |  |  | |
|  | AVG\_BILL\_AMT | | 平均帳單金額 | DECIMAL | 15, 2 |  |  |  | |
|  | AVG\_TPP\_AMT | | 代收代付服務使用金額 | DECIMAL | 15, 2 |  |  |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  | Y |  | |

資料表說明: 從別的系統傳入的資料，用來做每月一號的計算分數

* 1. NPP\_PLATFORM\_LIMIT

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PLATFORM\_LIMIT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  |  | PB: 電信帳單  CC: 信用卡  SVC: SVC | |
|  | TYPE | | 平台或夥伴 | VARCHAR | 2 |  |  | PL:Platform  PA:Partner | |
|  | PARTNER\_ID | | 夥伴ID | VARCHAR | 10 |  |  |  | |
|  | LMT\_AMT | | 限制金額 | DECIMAL | 15, 2 |  |  |  | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明: 存PB/CC/SVC的平台或夥伴的限制金額

* 1. NPP\_PLATFORM\_LIMIT\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PLATFORM\_LIMIT\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y |  | |
|  | LIMIT\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  |  | PB: 電信帳單  CC: 信用卡  SVC: SVC | |
|  | TYPE | | 平台或夥伴 | VARCHAR | 2 |  |  | PL:Platform  PA:Partner | |
|  | PARTNER\_ID | | 夥伴ID | VARCHAR | 10 |  |  |  | |
|  | LMT\_AMT | | 限制金額 | DECIMAL | 15, 2 |  |  |  | |

資料表說明: 存PB/CC/SVC的平台或夥伴的限制金額(LIVE使用)

1. Fraud
   1. ~~NPP\_FR\_PB\_RULE\_DIMENSION~~

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | ~~NPP\_FR\_PB\_RULE\_DIMENSION~~ | | | | | | |  |
| ~~No.~~ | ~~Field Name~~ | | ~~Description~~ | ~~Type~~ | ~~Length~~ | ~~Default~~ | ~~Mandatory~~ | ~~Remark~~ | |
|  | ~~ID~~ | | ~~流水號~~ | ~~INTEGER~~ |  |  | ~~Y~~ | ~~PK~~ | |
|  | ~~DIMENSION1~~ | | ~~時間~~ | ~~VARCHAR~~ | ~~8~~ |  | ~~Y~~ |  | |
|  | ~~DIMENSION2~~ | | ~~分/小時~~ | ~~VARCHAR~~ | ~~8~~ |  | ~~Y~~ |  | |
|  | ~~DIMENSION3~~ | | ~~次數/金額~~ | ~~VARCHAR~~ | ~~8~~ |  | ~~Y~~ |  | |
|  | ~~DIMENSION4~~ | | ~~單筆/累積~~ | ~~VARCHAR~~ | ~~8~~ |  | ~~Y~~ |  | |

~~PB風險條件的設定維度（用來顯示在UI上）~~

* 1. NPP\_FR\_PB\_RULE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB \_RULE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | MODULE  \_ID | | 模組ID | INTEGER |  |  | Y | Phone bill不同種類規則是一個模組 | |
|  | LINE\_RANK\_ID | | 項目排序ID | INTEGER |  |  | Y | UI排序 | |
|  | TIME\_TYPE | | 時間維度 | VARCHAR | 8 |  |  | Minute:分鐘  Hour:小時  Month: 月 | |
|  | TIME\_VAL | | 時間維度的值 | INTEGER |  |  |  |  | |
|  | CNT\_AMT\_TYPE | | 累計方式 (交易次數或交易金額) | VARCHAR | 2 |  |  | C:次數Count  A:金額Amount | |
|  | CNT\_AMT\_S\_VAL | |  | DECIMAL | 10,2 |  |  | >= | |
|  | CNT\_AMT\_E\_VAL | |  | DECIMAL | 10,2 |  |  | < | |
|  | ADD\_CONDITION | | 是否使用過去未交易的條件 | VARCHAR | 2 |  |  | N: 否  Y: 是 | |
|  | SINGLE\_TX\_TYPE | | 是否使用單筆交易金額的條件 | VARCHAR | 2 |  |  | N: 否  Y: 是 | |
|  | SCORE | |  | DOUBLE |  |  | Y |  | |
|  | STATUS | | 狀態 | VARCHAR | 2 |  | Y | C:create  U:update  ~~D:delete~~ | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

存PB的風險設定及分數的歷史紀錄，每次新增/修改都會在這裡新增一筆record。

* 1. NPP\_FR\_PB\_RULE\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB \_RULE\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | RULE\_ID | |  | INTEGER |  |  | Y | FK to NPP\_FR\_PB\_RULE的MASTER ID | |
|  | MODULE\_ID | |  | INTEGER |  |  | Y |  | |
|  | LINE\_RANK\_ID | | 項目排序ID | INTEGER |  |  | Y |  | |
|  | TIME\_TYPE | | 時間維度 | VARCHAR | 8 |  |  | Minute:分鐘  Hour:小時  Month: 月 | |
|  | TIME\_VAL | | 時間維度的值 | INTEGER |  |  |  |  | |
|  | CNT\_AMT\_TYPE | | 交易次數或交易金額 | VARCHAR | 2 |  |  | C:次數Count  A:金額Amount | |
|  | CNT\_AMT\_S\_VAL | |  | DECIMAL | 10,2 |  |  | >= | |
|  | CNT\_AMT\_E\_VAL | |  | DECIMAL | 10,2 |  |  | < | |
|  | ADD\_CONDITION | | 是否使用過去未交易的條件 | VARCHAR | 2 |  |  | N: 否  Y: 是 | |
|  | SINGLE\_TX\_TYPE | | 是否使用單筆交易金額的條件 | VARCHAR | 2 |  |  | N: 否  Y: 是 | |
|  | SCORE | |  | DOUBLE |  |  | Y |  | |

存PB的Live風險設定及分數

* 1. NPP\_FR\_PB\_MODULE\_WEIGHT

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_MODULE\_WEIGHT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | PK | |
|  | ~~MODULE\_ID~~ | |  | ~~INTEGER~~ |  |  | ~~Y~~ | ~~對應到NPP\_FR\_PB\_RULE的MODULE\_ID~~ | |
|  | MODULE\_NAME | | 模組名稱 | VARCHAR | 32 |  |  |  | |
|  | WEIGHT | | 權重 | DOUBLE |  |  | Y |  | |
|  | DES | | 說明 | VARCHAR | 1024 |  |  |  | |
|  | STATUS | | 狀態 | VARCHAR | 2 |  | Y | C:create  U:update  D:delete | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

PB風險條件分數的權重資料

* 1. NPP\_FR\_PB\_MODULE\_WEIGHT\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_MODULE\_WEIGHT\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | WEIGHT\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | MODULE\_NAME | | 模組名稱 | VARCHAR | 32 |  |  |  | |
|  | ~~MODULE\_ID~~ | |  | ~~INTEGER~~ |  |  | ~~Y~~ | ~~對應到NPP\_FR\_PB\_RULE\_LIVE 的 MODULE\_ID~~ | |
|  | WEIGHT | | 權重 | DOUBLE |  |  | Y |  | |
|  | DES | | 說明 | VARCHAR | 1024 |  |  |  | |

PB風險條件分數的Live權重資料

* 1. NPP\_FR\_PB\_SCORE\_SETTING

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_SCORE\_SETTING | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | PK | |
|  | SCORE\_S | |  | DOUBLE |  |  |  | >= | |
|  | SCORE\_E | |  | DOUBLE |  |  |  | < | |
|  | ACTION | |  | VARCHAR | 2 |  |  | W:警告WARN  F:失敗FAIL  L:鎖定LOCK | |
|  | STATUS | | 狀態 | VARCHAR | 2 |  | Y | C:create  **U:update**  D:delete | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

PB風險條件的最終處理動作資料

* 1. NPP\_FR\_PB\_SCORE\_SETTING\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_SCORE\_SETTING\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | SET\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID in NPP\_FR\_PB\_SCORE\_SETTING | |
|  | SCORE\_S | |  | DOUBLE |  |  |  | >= | |
|  | SCORE\_E | |  | DOUBLE |  |  |  | < | |
|  | ACTION | |  | VARCHAR | 2 |  |  | W:警告WARN  F:失敗FAIL  L:鎖定LOCK | |

PB風險條件的Live最終處理動作資料

* 1. NPP\_FR\_PB\_ALERT\_LIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_ALERT\_LIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | NAME | |  | VARCHAR | 32 |  | Y |  | |
|  | MSISDN | | 門號 | VARCHAR | 16 |  | Y |  | |
|  | EMAIL | |  | VARCHAR | 32 |  | Y |  | |
|  | STATUS | | 狀態 | VARCHAR | 2 |  | Y | C:create  U:update  D:delete | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

PB風險條件的MAIL資料

* 1. NPP\_FR\_PB\_ALERT\_LIST\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_ALERT\_LIST\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ALERT\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | NAME | |  | VARCHAR | 32 |  | Y |  | |
|  | MSISDN | | 門號 | VARCHAR | 16 |  | Y |  | |
|  | EMAIL | |  | VARCHAR | 32 |  | Y |  | |

PB風險條件的Live MAIL資料

* 1. NPP\_ALERT\_SMS\_SEND

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_ALERT\_SMS\_SEND | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | MSISDN | | 門號 | VARCHAR | 20 |  |  |  | |
|  | SEND\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 發送時間 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | I | Y | I: 未發送  F: FAILED | |
|  | RETURN\_MSG | | Return Message | VARCHAR | 128 |  |  |  | |
|  | LAST\_MOD\_TS | | 最後更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明:要傳送ALERT SMS的資料

* 1. NPP\_ALERT\_SMS\_SEND\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_ALERT\_SMS\_SEND\_HIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | SMS\_SEND\_ID | |  | INTEGER |  |  | Y | FK to SEND ID | |
|  | MSISDN | | 門號 | VARCHAR | 20 |  |  |  | |
|  | SEND\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 發送時間 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | I | Y | I: 未發送  S: SUCCESS  F: FAILED | |
|  | RETURN\_MSG | | Return Message | VARCHAR | 128 |  |  |  | |
|  | LAST\_MOD\_TS | | 最後更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明:傳送ALERT SMS的紀錄(歷史)

* 1. NPP\_ALERT\_MAIL\_SEND

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_ALERT\_MAIL\_SEND | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | EMAIL | |  | VARCHAR | 32 |  |  |  | |
|  | SEND\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 簡訊發送時間 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | I | Y | I: 未發送  F: FAILED | |
|  | RETURN\_MSG | | Return Message | VARCHAR | 128 |  |  |  | |
|  | LAST\_MOD\_TS | | 最後更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明:要傳送ALERT MAIL的資料

* 1. NPP\_ALERT\_MAIL\_SEND\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_ALERT\_MAIL\_SEND\_HIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | MAIL\_SEND\_ID | |  | INTEGER |  |  | Y | FK to SEND ID | |
|  | EMAIL | |  | VARCHAR | 32 |  |  |  | |
|  | SEND\_TIME | | 發送時間 | VARCHAR | 4 |  |  | 發送時間 | |
|  | STATUS | | 狀態 | VARCHAR | 2 | I | Y | I: 未發送  S: SUCCESS  F: FAILED | |
|  | RETURN\_MSG | | Return Message | VARCHAR | 128 |  |  |  | |
|  | LAST\_MOD\_TS | | 最後更新時間 | TIMESTAMP |  |  | Y |  | |

資料表說明:傳送ALERT MAIL的紀錄(歷史)

* 1. NPP\_FR\_PB\_UNLOCK\_TIME\_SETTING

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_UNLOCK\_TIME\_SETTING | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | TIME\_TYPE | | 時間維度 | VARCHAR | 2 |  | Y | M:分鐘  H:小時 | |
|  | TIME\_VAL | | 時間值 | DOUBLE |  |  | Y |  | |
|  | STATUS | | 狀態 | VARCHAR | 2 |  | Y | C:create  U:update  D:delete | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

PB風險條件解除鎖定後不確認風險的時間

* 1. NPP\_FR\_PB\_UNLOCK\_TIME\_SETTING\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_UNLOCK\_TIME\_SETTING\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | SET\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | TIME\_TYPE | | 時間維度 | VARCHAR | 2 |  | Y | M:分鐘  H:小時 | |
|  | TIME\_VAL | | 時間值 | DOUBLE |  |  | Y |  | |

PB風險條件解除鎖定後不確認風險的Live時間

* 1. NPP\_FR\_BLACK\_LIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_BLACK\_LIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | PK | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | UNLOCK\_TS | | 解鎖時間 | TIMESTAMP |  |  |  |  | |
|  | LOCK\_TS | | 鎖定時間 | TIMESTAMP |  |  | Y |  | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

風險黑名單

* 1. NPP\_FR\_BLACK\_LIST\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_BLACK\_LIST\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | |  | INTEGER |  |  | Y | PK | |
|  | ~~LIST\_ID~~ | |  | ~~INTEGER~~ |  |  | ~~Y~~ | ~~FK to MASTER ID~~ | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | UNLOCK\_TS | | 解鎖時間 | TIMESTAMP |  |  |  |  | |
|  | LOCK\_TS | | 鎖定時間 | TIMESTAMP |  |  | Y |  | |

Live風險黑名單

* 1. NPP\_FR\_WARNING\_LOG

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_WARNING\_LOG | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | PK | |
|  | PAY\_METHOD | |  | VARCHAR | 4 |  | Y | PB:電信帳單  CC:信用卡  SVC:SVC | |
|  | REF\_ID | |  | VARCHAR | 16 |  | Y | 如果PAY\_METHOD是PB，則存ROC\_ID  如果是CC，則存CC\_ID  如果是SVC，則存SVC\_ID | |
|  | TXID | |  | VARCHAR | 16 |  | Y |  | |
|  | STATUS | |  | VARCHAR | 2 |  | Y | W:Warning  F:TX failed  L:Lock user | |
|  | MESSAGE | |  | VARCHAR | 128 |  |  |  | |

風險異常紀錄

* 1. NPP\_FR\_RULE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_RULE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | SPECIAL\_FLAG | | 是否為特殊規則（檢查某一其他規則後才檢查此規則） | VARCHAR | 2 |  | Y | Y:是特殊  N:一般 | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  | Y | CC:信用卡  SVC:SVC | |
|  | RULE\_TYPE\_ID | |  | INTEGER |  |  | Y | FKEY | |
|  | TYPE | | 通用規則或針對某一partner的規則 | VARCHAR | 2 |  | Y | G:GENERAL  P:PARTNER | |
|  | PARTNER\_ID | |  | VARCHAR | 10 |  |  | 如果是通用，則不使用此欄位 | |
|  | TIME\_S\_VAL | | 時間維度的啟始值 | INTEGER |  |  |  |  | |
|  | TIME\_E\_VAL | | 時間維度的結束值 | INTEGER |  |  |  |  | |
|  | CNT\_AMT\_VAL | | 累計次數/金額 | DECIMAL | 10,2 |  |  |  | |
|  | SINGLE\_TX\_VAL | |  | INTEGER |  |  |  |  | |
|  | LOCATION | | IP來源 | VARCHAR | 2 |  |  | **DO:** Domestic oversea  **OD:** Oversea domestic | |
|  | STATUS | | 狀態 | VARCHAR | 2 |  | Y | C:create  U:update  D:delete | |
|  | VIOLATE\_ACTION | | 如果違反此rule的後續動作（可能會check另一條 rule） | VARCHAR | 4 |  | Y | W:警告  F: Fail 拒絕交易  S: Success 交易成功  RULE\_ID: 檢查下一條特殊規則 | |
|  | PASS\_ACTION | | 如果未違反此條rule的後續動作 | VARCHAR | 4 |  | Y | W:警告  F: Fail 拒絕交易  S: Success 交易成功  數字: 檢查下一條特殊規則 | |
|  | LAST\_MOD\_USER | | 更新人員 | VARCHAR | 32 |  | Y |  | |
|  | LAST\_MOD\_TS | | 更新時間 | TIMESTAMP |  |  | Y |  | |

CC&SVC風險設定及動作

* 1. NPP\_FR\_RULE\_LIVE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_ RULE\_LIVE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | RULE\_ID | |  | INTEGER |  |  | Y | FK to MASTER ID | |
|  | SPECIAL\_FLAG | | 是否為特殊規則（檢查某一其他規則後才檢查此規則） | VARCHAR | 2 |  | Y | Y:是特殊  N:一般 | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  | Y | CC:信用卡  SVC:SVC | |
|  | RULE\_TYPE\_ID | |  | INTEGER |  |  | Y | FKEY | |
|  | TYPE | | 通用規則或針對某一partner的規則 | VARCHAR | 2 |  | Y | G:GENERAL  P:PARTNER | |
|  | PARTNER\_ID | |  | VARCHAR | 10 |  |  | 如果是通用，則不使用此欄位 | |
|  | TIME\_S\_VAL | | 時間維度的啟始值 | INTEGER |  |  |  |  | |
|  | TIME\_E\_VAL | | 時間維度的結束值 | INTEGER |  |  |  |  | |
|  | CNT\_AMT\_VAL | |  | DECIMAL | 10,2 |  |  |  | |
|  | SINGLE\_TX\_VAL | |  | INTEGER |  |  |  |  | |
|  | LOCATION | | IP來源 | VARCHAR | 2 |  |  | **DO:** Domestic oversea  **OD:** Oversea domestic | |
|  | VIOLATE\_ACTION | | 如果違反此rule的後續動作（可能會check另一條 rule） | VARCHAR | 4 |  | Y | W:警告  F: Fail 拒絕交易  S: Success 交易成功  數字: 檢查下一條特殊規則 | |
|  | PASS\_ACTION | | 如果未違反此條rule的後續動作 | VARCHAR | 4 |  | Y | W:警告  F: Fail 拒絕交易  S: Success 交易成功  數字: 檢查下一條特殊規則 | |

CC&SVC的Live風險設定及動作

* 1. NPP\_FR\_RULE\_TYPE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_RULE\_TYPE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | |  | VARCHAR | 4 |  | Y | PB: 電信帳單  CC: 信用卡  SVC: SVC | |
|  | RULE\_TYPE\_NAME | | 在UI上的顯示 | VARCHAR | 32 |  |  |  | |
|  | RULE\_CONDITION | | 同一卡號或同一IP或同一商家 | VARCHAR | 2 |  | Y | **NO:**同一卡號Number  **IP:**同一IP  **PA:**同一商家Partner  **LC:** Location  **DR:** Day range | |
|  | TIME\_TYPE | | 時間維度 | VARCHAR | 2 |  | ~~Y~~ | ~~M:分鐘~~  ~~H:小時~~  D:天 | |
|  | CNT\_AMT\_TYPE | | 累計的類型 (交易次數或交易金額) | VARCHAR | 2 |  | ~~Y~~ | C: Count次數  A: Amount金額 | |
|  | SINGLE\_TX\_TYPE | | 是否使用單筆交易金額的條件 | VARCHAR | 2 | N |  | N: 否  Y: 是 | |

風險條件的主檔資料

* 1. NPP\_FR\_PB\_LAST\_TRADE\_TIME\_CACHE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_LAST\_TRADE\_TIME | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | LAST\_TX\_TIME | | 最近一次交易時間 | TIMESTAMP |  |  |  | 只包含deduct，不包括reversal或refnud | |

Cache table，用來計算PB風險，交易成功時會更新此table

* 1. NPP\_FR\_PB\_TX\_LOG\_HOURLY\_CACHE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_TX\_LOG\_HOURLY\_CACHE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | MOD | | 以分鐘數取得record | INTEGER |  |  | Y | 0~1440 | |
|  | TIMES | | 累計次數 | INTEGER |  |  | Y |  | |
|  | AMT | | 累計金額 | DECIMAL | 10,2 |  | Y |  | |
|  | YYYYMMDD | | 交易日期 | VARCHAR | 8 |  | Y | e.g. 20150313 | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  |  |  | |

Cache table，用來計算PB風險，交易成功時會更新此table

* 1. NPP\_FR\_PB\_TX\_LOG\_HOURLY\_CACHE\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_PB\_TX\_LOG\_HOURLY\_CACHE\_HIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | ROC\_ID | |  | VARCHAR | 18 |  | Y |  | |
|  | MOD | | 以分鐘數取得record | INTEGER |  |  | Y | 0~1440 | |
|  | TIMES | | 累計次數 | INTEGER |  |  | Y |  | |
|  | AMT | | 累計金額 | DECIMAL | 10,2 |  | Y |  | |
|  | YYYYMMDD | | 交易日期 | VARCHAR | 8 |  | Y | e.g. 20150313 | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  |  |  | |

Cache table的歷史紀錄。每天定期從cache table倒入24小時前的資料留存。

* 1. NPP\_FR\_NONPB\_TX\_LOG\_IP\_DAILY\_CACHE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_NONPB\_TX\_LOG\_IP\_DAILY\_CACHE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  | Y | CC: Credit card  SVC: SVC | |
|  | IP | |  | VARCHAR | 32 |  | Y |  | |
|  | PARTNER\_ID | |  | VARCHAR | 10 |  | Y |  | |
|  | TIMES | | 累計交易次數 | INTEGER |  |  | Y |  | |
|  | AMT | | 累計金額 | DECIMAL | 10,2 |  | Y |  | |
|  | YYYYMMDD | | 交易日期 | VARCHAR | 8 |  |  |  | |

Cache table，存credit card、SVC這兩種phone bill以外的付款方式的每日累積交易紀錄 (by IP)

* 1. NPP\_FR\_NONPB\_TX\_LOG\_IP\_DAILY\_CACHE\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_NONPB\_TX\_LOG\_IP\_DAILY\_CACHE\_HIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  | Y | CC: Credit card  SVC: SVC | |
|  | IP | |  | VARCHAR | 32 |  | Y |  | |
|  | PARTNER\_ID | |  | VARCHAR | 10 |  | Y |  | |
|  | TIMES | | 累計交易次數 | INTEGER |  |  | Y |  | |
|  | AMT | | 累計金額 | DECIMAL | 10,2 |  | Y |  | |
|  | YYYYMMDD | | 交易日期 | VARCHAR | 8 |  |  |  | |

Cache table，存credit card、SVC這兩種phone bill以外的付款方式的每日累積交易紀錄 (by IP)，每天定期從cache table倒入前一天的資料留存。

* 1. NPP\_FR\_NONPB\_TX\_LOG\_NO\_DAILY\_CACHE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_NONPB\_TX\_LOG\_NO\_DAILY\_CACHE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  | Y | CC: Credit card  SVC: SVC | |
|  | CARD\_NO | | 卡號 | VARCHAR | 16 |  | Y |  | |
|  | PARTNER\_ID | |  | VARCHAR | 10 |  | Y |  | |
|  | TIMES | | 累計交易次數 | INTEGER |  |  | Y |  | |
|  | AMT | | 累計交易金額 | DECIMAL | 10,2 |  | Y |  | |
|  | YYYYMMDD | | 交易日期 | VARCHAR | 8 |  |  |  | |

Cache table，存credit card、SVC這兩種phone bill以外的付款方式的每日累積交易紀錄 (by card

number)

* 1. NPP\_FR\_NONPB\_TX\_LOG\_NO\_DAILY\_CACHE\_HIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_NONPB\_TX\_LOG\_NO\_DAILY\_CACHE\_HIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | 流水號 | INTEGER |  |  | Y | Primary Key | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 4 |  | Y | CC: Credit card  SVC: SVC | |
|  | CARD\_NO | | 卡號 | VARCHAR | 16 |  | Y |  | |
|  | PARTNER\_ID | |  | VARCHAR | 10 |  | Y |  | |
|  | TIMES | | 累計交易次數 | INTEGER |  |  | Y |  | |
|  | AMT | | 累計交易金額 | DECIMAL | 10,2 |  | Y |  | |
|  | YYYYMMDD | | 交易日期 | VARCHAR | 8 |  |  |  | |

Cache table，存credit card、SVC這兩種phone bill以外的付款方式的每日累積交易紀錄 (by card

number) 每天定期從cache table倒入前一天的資料留存。

* 1. NPP\_BANK\_BIN\_LIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_FR\_OTHER\_TRANSACTION\_LOG\_NO\_DAILY\_CACHE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | BIN\_CODE | | Bin Code | VARCHAR | 6 |  | Y | 卡號前 6 碼 | |
|  | BANK\_ID | | Bank ID | VARCHAR | 3 |  | Y |  | |
|  | CARD\_TYPE | | Card Type | VARCHAR | 1 |  | Y | V, M, J | |
|  | LAST\_MOD\_TS | | Last Modification Time | TIMESTAMP |  |  | Y |  | |

1. Transaction
   1. NPP\_PAY\_TRANS

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PAY\_TRANS | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | TXID | | Payment Transaction ID | VARCHAR | 45 |  | Y |  | |
|  | TX\_TS | | Payment occurred datetime | TIMESTAMP |  |  | Y |  | |
|  | TX\_STATUS | | 交易狀態  Payment TX Status | VARCHAR | 2 |  |  | I:Initial, A:Authorize, D:Done, AA:Agreement, E:Expired, OR:Reversal | |
|  | SDP\_ORDER\_ID | | SDP order ID | VARCHAR | 18 |  |  |  | |
|  | NPG\_STORE\_ID | | NPG store ID | VARCHAR | 8 |  |  |  | |
|  | SUB\_STATUS | | 訂閱狀態 | VARCHAR | 2 |  |  | D:訂閱成功;  F:訂閱失敗;  OR: Reversal | |
|  | ACC\_ID | | User帳號 | DECIMAL | 18,0 |  |  |  | |
|  | MSISDN | | 手機號碼 | VARCHAR | 60 |  |  |  | |
|  | NAME | | 姓名 | VARCHAR | 60 |  |  |  | |
|  | USER\_ID | | SDP User ID | BIGINT |  |  |  |  | |
|  | GSM\_CARRIERTYPE | |  | VARCHAR | 8 |  |  | F/K | |
|  | ROC\_ID | |  | VARCHAR | 60 |  |  |  | |
|  | BILLING\_ACC\_ID | |  | VARCHAR | 18 |  |  |  | |
|  | PAYER\_NAME | |  | VARCHAR | 32 |  |  |  | |
|  | PHONE | |  | VARCHAR | 20 |  |  |  | |
|  | MAIL | |  | VARCHAR | 60 |  |  |  | |
|  | IS\_FETNET | |  | VARCHAR | 1 |  |  |  | |
|  | IS\_SSO | |  | VARCHAR | 1 |  |  |  | |
|  | PARTNER\_ID | |  | VARCHAR | 18 |  |  |  | |
|  | PROD\_ID | |  | VARCHAR | 18 |  |  |  | |
|  | PROD\_CHI\_NAME | |  | VARCHAR | 128 |  |  |  | |
|  | BILL\_SERTYPE  ~~CHG\_TYPE~~ | | 計費方式 | VARCHAR | 2 |  |  | OC/RC | |
|  | BILL\_S\_DATE | | RC扣款起始日 | VARCHAR | 8 |  |  | YYYYMMDD  For RC (charging start date) | |
|  | BILL\_E\_DATE | | RC扣款結束日 | VARCHAR | 8 |  |  | YYYYMMDD  For RC (charging end date) | |
|  | IS\_PACKAGE | |  | VARCHAR | 1 |  |  |  | |
|  | SUPPORTED\_PAY\_METHOD | |  | VARCHAR | 3 |  |  |  | |
|  | CAMPAIGN\_ID | | 預計使用的活動ID | VARCHAR | 10 |  |  | 可能為空 | |
|  | TX\_AMT | | 交易總金額 | DECIMAL | 10,2 |  |  | 變動計次: 終價  (變動計次不會apply campaign)  固定計次: 原價 | |
|  | RECEIVE\_AMT | | 現金支付金額 | DECIMAL | 10,2 |  |  |  | |
|  | RECEIVE\_PAY\_METHOD | | 現金支付方式 | VARCHAR | 2 |  |  |  | |
|  | POINT\_AMT | | 點數支付金額 | DECIMAL | 10,2 |  |  |  | |
|  | POINT | | 支付點數 | DECIMAL | 8,0 |  |  |  | |
|  | POINT\_PAY\_METHOD | | 點數支付方式 | VARCHAR | 2 |  |  |  | |
|  | DISCOUNT\_AMT | | 折扣金額 | DECIMAL | 10,2 |  |  |  | |
|  | PRICE | | 原價(現金+點數+折抵) | DECIMAL | 10,2 |  |  |  | |
|  |  | |  |  |  |  |  |  | |
|  |  | |  |  |  |  |  |  | |
|  | ~~IS\_REFUND~~ | |  | VARCHAR | 1 |  |  |  | |
|  | REFUND\_STATUS | | Payment refund status | VARCHAR | 1 |  |  | N: Not refund.  P: Partial refund.  F: Fully refund.  C: Charge back | |
|  | ~~REFUND\_FLAG~~ | |  | VARCHAR | 1 |  |  |  | |
|  | IS\_INVOICE | | 是否開發票 | VARCHAR | 1 |  |  |  | |
|  | CALLBACK\_URL | |  | VARCHAR | 256 |  |  |  | |
|  | PUSHBACK\_URL | | Batch通知交易結果的URL | VARCHAR | 256 |  |  |  | |
|  | PUSHBACK\_STATUS | | Batch通知狀態 | VARCHAR | 1 | 預設為I |  | Payment Pushback status  I: Initial  D: Done  F: Fail | |
|  | MATCH\_CODE | |  | VARCHAR | 15 |  |  |  | |
|  | AUTHOR\_CODE | |  | VARCHAR | 8 |  |  |  | |
|  | DEDUCT\_CODE | |  | VARCHAR | 6 |  |  |  | |
|  | SP\_AUTHOR\_CODE | |  | VARCHAR | 45 |  |  |  | |
|  | SP\_DEDUCT\_CODE | |  | VARCHAR | 45 |  |  |  | |
|  | REQUEST\_IP | |  | VARCHAR | 32 |  |  |  | |
|  | ORDER\_ENQ\_URL | |  | VARCHAR | 256 |  |  |  | |
|  | IS\_IPLOOKUP | |  | VARCHAR | 1 |  |  |  | |
|  | TX\_SCENARIO | |  | VARCHAR | 1 |  |  |  | |
|  | SHOW\_RESULT | |  | VARCHAR | 1 |  |  |  | |
|  | CALLER\_ID | |  | VARCHAR | 10 |  |  |  | |
|  | BROKER\_TYPE | |  | VARCHAR | 3 |  |  |  | |
|  | CHANNEL | |  | VARCHAR | 4 |  |  |  | |
|  | PAGE\_STYLE | |  | VARCHAR | 2 |  |  |  | |
|  | REFERENCE | |  | VARCHAR | 1024 |  |  |  | |
|  | AUTH\_DT | |  | VARCHAR | 14 |  |  |  | |
|  | TRAN\_TYPE | |  | VARCHAR | 2 |  |  |  | |
|  | ORDER\_IND | |  | VARCHAR | 1 |  |  |  | |
|  | INV\_CARRIER\_TYPE | |  | VARCHAR | 6 |  |  |  | |
|  | INV\_MEMBER\_UID | |  | VARCHAR | 64 |  |  |  | |
|  | CREATE\_TS | |  | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  |  |  | |

資料表說明: 交易資料主檔

* 1. NPP\_PAY\_TRANS\_INFO

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PAY\_TRANS\_INFO | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | TXID | | Payment Transaction ID | VARCHAR | 45 |  | Y |  | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 2 |  | Y |  | |
|  | TX\_AMT | | 交易金額 | DECIMAL | 10,2 |  |  |  | |
|  | TX\_POINT | | 交易點數 | DECIMAL | 10,2 |  |  |  | |
|  | NPG\_TX\_ID | | NPG TXID | VARCHAR | 32 |  |  |  | |
|  | RETRY\_FLAG | |  | VARCHAR | 1 |  |  |  | |
|  | RETURN\_CODE | | NPG回覆代碼 | VARCHAR | 10 |  |  |  | |
|  | RETURN\_MSG | | NPG回覆訊息 | VARCHAR | 128 |  |  |  | |
|  | NPG\_TX\_TS | | NPG的交易時間 | TIMESTAMP |  |  |  |  | |
|  | REVERSAL\_CODE | |  | VARCHAR | 256 |  |  |  | |
|  | ACQUIRER | | 收單行 | VARCHAR | 8 |  |  | F/K | |
|  | HANDLE\_FEE | | 收單手續費 (FET對銀行) | DECIMAL | 8,0 |  |  |  | |
|  | TX\_STATUS | | 交易狀態 | VARCHAR | 1 |  |  | D: Done, I: Initial, F: Fail,  OR: Reversal | |
|  | 3D\_STATUS | |  | VARCHAR | 1 |  |  | I: 3D initial, D: Done, F: Failed, E: 3D Expired | |
|  | FIN\_SRC\_RTN\_CODE | | 金融機構回覆代碼 | VARCHAR | 10 |  |  |  | |
|  | FIN\_SRC\_RTN\_MSG | | 金融機構回覆訊息 | VARCHAR | 128 |  |  |  | |
|  | FIN\_SRC\_TX\_ID | | 金融機構回傳之交易序號 | VARCHAR | 16 |  |  | CC:ApproveCode  HG: Redeem Reference number(RRN) | |
|  | PAN | | 信用卡號碼 | RAW |  |  |  | CreditCard Number(Keep 前六後四,其餘truncated) | |
|  | VALID\_MONTH\_YEAR | | 信用卡有效年月 | VARCHAR | 4 |  |  |  | |
|  | INSTALLMENT | | 分期期數 | DECIMAL | 2,0 |  |  |  | |
|  | INSTALLMENT\_TYPE | | 分期手續費計價方式 | VARCHAR | 1 |  |  | E:外加  I:內含 | |
|  | FIRST\_AMT | | 首期金額 | DECIMAL | 10,2 |  |  |  | |
|  | EACH\_AMT | | 每期金額 | DECIMAL | 10,2 |  |  |  | |
|  | INSTALLMENT\_FEE | | 分期手續費 | DECIMAL | 10,2 |  |  |  | |
|  | REDEEM\_TYPE | | 紅利折抵方式 | VARCHAR | 1 |  |  | 1:全額, 2:部分 | |
|  | REDEEM\_USED | | 紅利折抵點數 | DECIMAL | 8,0 |  |  |  | |
|  | REDEEM\_BALANCE | | 紅利餘額 | DECIMAL | 10,2 |  |  |  | |
|  | CREDIT\_AMT | | 持卡人自付金額 | DECIMAL | 10,2 |  |  |  | |
|  | RISK\_MARK | | 風險卡號註記 | VARCHAR | 1 |  |  | Y: 表示風險卡號 | |
|  | ITEM\_NO | | 點數兌換比例/項目 | VARCHAR | 10 |  |  |  | |
|  | PAY\_AMT | | mpay use實收金額 | DECIMAL | 10,2 |  |  |  | |
|  | PAY\_DT | | 實收日期 | VARCHAR | 14 |  |  | 空值:未實收 | |
|  | CREATE\_TS | | 建立日期 | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | | 最近更新日期 | TIMESTAMP |  |  |  |  | |
|  | DEDUCT\_TS | | 付款時間 | TIMESTAMP |  |  |  |  | |
|  | RECON\_STATUS | | 對帳狀態 | VARCHAR | 2 |  |  | D/F | |

資料表說明: 交易資料詳細資訊（含付款方式詳細資訊）

* 1. NPP\_PAY\_REFUND

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PAY\_REFUND | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | TXID | | Payment Transaction ID | VARCHAR | 45 |  | Y |  | |
|  | REFUND\_TS | | Payment occurred datetime | TIMESTAMP |  |  | Y |  | |
|  | REFUND\_TYPE | | Refund Transaction Type | VARCHAR | 1 |  | Y | 1. 正常調退   (refund2User+refund2CP)   1. 提呆 2. 提呆後調退 | |
|  | REFUND\_STATUS | | 退款狀態 |  |  |  | Y | ~~D: Done~~  I: Initial  F: Fail  R: Refund  RR: Refund Reversal | |
|  | ~~REFUND\_FLAG~~ | | ~~是否已作refund~~ | ~~VARCHAR~~ | ~~1~~ |  |  | ~~N~~  ~~Y~~ | |
|  | INV\_PROCESS\_FLAG | | 是否已處理發票作廢/折讓單開立 | VARCHAR | 1 |  |  | N  Y | |
|  | SETTLE\_PROCESS\_FLAG | | 是否已處理拆帳退款檔 |  |  |  |  | I: In process 處理中  D: Done  F: Fail | |
|  | MSISDN | | 用戶手機號碼 | VARCHAR | 20 |  | Y |  | |
|  | AMT | | 退款金額 | DECIMAL | 10,2 |  | Y |  | |
|  | RETURN\_CODE | | Return code from NPG | VARCHAR | 10 |  | N |  | |
|  | RETURN\_MSG | | Return Message from NPG | VARCHAR | 100 |  | N |  | |
|  | NPG\_TX\_TS | | timestamp |  |  |  |  |  | |
|  | MEMO | | Refund Memo | VARCHAR | 128 |  | Y |  | |
|  | OP\_ID | | Refund Operator ID | VARCHAR | 12 |  | Y |  | |
|  | GSM\_CARRIERTYPE | | User Carrier Type | VARCHAR | 1 |  | Y | F/K（簡訊及email的發送template不同） | |
|  | ROC\_ID | | User ROCID | VARCHAR | 60 |  | Y |  | |
|  | NPG\_TX\_ID | | 退款產生的NPG TXID | VARCHAR | 32 |  | N |  | |
|  | BILLING\_ACC\_ID | | User billing account ID | VARCHAR | 18 |  | Y |  | |
|  | PAY\_METHOD | | 付款方式 | VARCHAR | 2 |  | Y |  | |
|  | REASON\_CODE | |  | VARCHAR | 2 |  |  | 跟MEMO對應 | |
|  | ACC\_ID | |  | DECIMAL | 18,0 |  |  | 利用ACC\_ID查詢email等資訊 | |
|  | TX\_AMT | | 原始交易金額 | DECIMAL | 10,2 |  |  | 如果付款方式為點數，就是PAY\_TRANS的POINT\_AMT，不然就是RECEIVE\_AMT | |
|  | ~~CHG\_TYPE~~  BILL\_SERTYPE | |  | VARCHAR | 2 |  |  | 0:Free of Charge(免費)  1:Monthly Fee charge(固定月租)  2.:Dynamic Fee(變動月租費型)  3:Transaction Base charge(使用付費型)  4:Charge Free(免費但記帳)  OC/RC  (for切檔用) | |
|  | ~~IT\_TYPE~~ | |  | ~~VARCHAR~~ | ~~2~~ |  |  | ~~F1, F2, F3 (for切檔用)~~ | |
|  | TX\_TS | |  | TIMESTAMP |  |  |  |  | |
|  | PARTNER\_ID | |  | VARCHAR | 18 |  |  |  | |
|  | PROD\_ID | |  | VARCHAR | 18 |  |  |  | |
|  | REFUND\_PROCESS\_DATE | | 實際退款給User的時間 | VARCHAR | 8 |  |  | NPG回 | |
|  | NOTIFY\_SM | | 退款是否發簡訊 | VARCHAR | 1 |  |  | 目前沒用到 | |
|  | NOTIFY\_EMAIL | | 退款是否發EMAIL | VARCHAR | 1 |  |  | 目前沒用到 | |
|  | EXTEND\_STATUS | |  | VARCHAR | 1 |  |  | Only for KUser&PB, 退款成功後 call SIG後變成D[SGWA004, SGWB004] | |
|  | ~~MERCHANT\_ID~~ | |  |  |  |  |  |  | |
|  | REFUND\_DATE | |  | VARCHAR | 14 |  |  | 存 GPS batch request file 中 type=REFUND的 timestamp，時間需轉換成i-pay時間格式 | |
|  | SCENARIO | | Which API is called to do refund | VARCHAR | 1 |  |  | 1: refundPaidTransaction,  2: refundForcely | |
|  | REFUND\_ID | |  | VARCHAR | 5 |  |  | 00001 | |
|  | NOTE | |  | VARCHAR | 128 |  |  | 提呆的註記 | |
|  | RETRY\_FLAG | |  | VARCHAR | 1 |  |  |  | |
|  | RECON\_STATUS | |  | VARCHAR | 2 |  |  | D/F | |
|  | CREATE\_TS | |  | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | |  | TIMESTAMP |  |  |  |  | |

資料表說明: 退款交易資料主檔

1. Settlement
   1. NPP\_PAY\_TRANS\_PRESETTLE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_PAY\_TRANS\_PRESETTLE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | TXID | | Payment Transaction ID | VARCHAR | 45 |  | Y | PK | |
|  | TX\_TS | | Payment Occurred Datetime | TIMESTAMP |  |  | Y |  | |
|  | PROD\_ID | |  | VARCHAR | 18 |  |  | PK | |
|  | PACKAGE\_ID | |  | VARCHAR | 18 |  |  |  | |
|  | SID1 | |  | VARCHAR | 7 |  |  | 正負項: 1/0, where “0” stand for正項, “1” stand for負項; 長度為六個字元的英數字(000000除外)  e.g., 1000001;1000abc  0000000 ß唯一正項000000 | |
|  | SID2 | |  | VARCHAR | 2 |  |  | PK | |
|  | PRESETTLE\_AMT | | 預拆分金額 | DECIMAL | 10,2 |  |  |  | |
|  | PARTNER\_ID | | 商家ID | VARCHAR | 10 |  |  |  | |
|  | USER\_ID | | SDP UID | BIGINT |  |  |  | 可以是MSISDN或email | |
|  | GSM\_CARRIERTYPE | | 用戶類型 | VARCHAR | 1 |  |  | F/K | |
|  | SETTLEMENT\_CYCLE | | 拆帳週期 | VARCHAR | 3 |  |  | 第一碼  W: 週結  H: 半月結  M: 月結  第二碼及第三碼：n單位結 | |
|  | BILLING\_SETTLEMENT | | 應收實收 | VARCHAR | 1 |  |  | 1: 應收應拆  2: 實收實拆 | |
|  | TYPE1 | | 事業別 | VARCHAR | 20 |  |  | "IPAY", "GB", "EBK", "APP", "MP", "SDP", ”OTR” | |
|  | COA | | COA Product code | VARCHAR | 4 |  |  |  | |
|  | GEN\_GUF\_TS | | 產出GUF時間 | VARCHAR | 14 |  |  |  | |
|  | CREATE\_TS | | 建立時間 | VARCHAR | 14 |  |  |  | |
|  | LAST\_MOD\_TS | | 最近更新時間 | VARCHAR | 14 |  |  |  | |

資料表說明: Presettle後，從此資料表出Settlement GUF至IT-Settlement系統。

* 1. NPP\_SETTLE\_REPORT\_PRODUCT

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_SETTLE\_REPORT\_PRODUCT | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | TXID | | Payment Transaction ID | VARCHAR | 45 |  | Y | PK | |
|  | TX\_DT | | Payment Occurred Datetime | VARCHAR | 14 |  | Y |  | |

* 1. NPP\_SETTLE\_REPORT\_TX

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_SETTLE\_REPORT\_TX | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | TXID | | Payment Transaction ID | VARCHAR | 45 |  | Y | PK | |
|  | TX\_DT | | Payment Occurred Datetime | VARCHAR | 14 |  | Y |  | |

1. Invoice
   1. NPP\_INV\_PAY\_TRANS

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_INV\_PAY\_TRANS | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | INVOICE\_ID | | 發票號碼 | VARCHAR | 10 |  | Y |  | |
|  | CHECK\_NO | | 檢查碼 | VARCHAR | 8 |  | Y |  | |
|  | INVOICE\_DATE | | 發票日期 | VARCHAR | 8 |  |  | 格式：yyyyMMdd | |
|  | INVOICE\_TIME | | 發票時間 | VARCHAR | 8 |  |  | 格式：HH:mm:ss(24小時制，時分秒以冒號相隔) | |
|  | EXCLUSIVE\_AMT | | 發票未稅金額 | DECIMAL | 10,2 |  |  |  | |
|  | TAX | | 發票稅額 | DECIMAL | 10,2 |  |  |  | |
|  | INCLUSIVE\_AMT | | 發票含稅金額 | DECIMAL | 10,2 |  |  |  | |
|  | MAIN\_REMARK | | 發票備註 | VARCHAR | 300 |  |  |  | |
|  | INVOICE\_TYPE | | 發票類別 | VARCHAR | 2 |  |  | 07：一般稅額計算之電子發票, 08：特種稅額計算之電子 | |
|  | INVOICE\_STATUS | | 發票狀態 | VARCHAR | 1 |  |  | I:交易完成初建,  S:已產生發票檔  D: 已回覆發票號碼  E::錯誤  R: 作廢  N:開立折讓單 | |
|  | COMPANY\_UN | | 總公司統一編號 | VARCHAR | 8 |  | Y | 必填 | |
|  | ORG\_ID | | 事業別代碼 | VARCHAR | 15 |  | Y | 必填 | |
|  | ORG\_UN | | 事業別統一編號 | VARCHAR | 8 |  |  | 若發票開立方非總公司統一編號則必填 | |
|  | TYPE | | 作業類別 | VARCHAR | 1 |  |  | I ：銷售單(發票加值中心開立) | |
|  | IDENTIFIER | | 唯一識別碼 | VARCHAR | 70 |  |  | 唯一識別碼 PK（總公司統一編號+事業別代碼+TXID+XX） | |
|  | TXID | | 交易ID | VARCHAR | 45 |  |  | PK | |
|  | TX\_DT | | 交易日期 | VARCHAR | 8 |  |  | 格式：yyyyMMdd | |
|  | TOTAL | | 交易總金額 | DECIMAL | 10,2 |  |  |  | |
|  | INVOICE\_NO | | 發票號碼 | VARCHAR | 10 |  |  | 若Type為「I」則不可有值 | |
|  | PAPER\_REQUESTED | | 消費者是否索取紙本 | VARCHAR | 1 |  |  | 若Unifiedno有值，則此欄必為Y  Y是/N否 | |
|  | PAPER\_PRINTED | | 發票紙本是否已列印 | VARCHAR | 1 |  |  | Y是/N否 | |
|  | DONATION | | 發票是否捐贈 | VARCHAR | 1 |  |  | Y是/N否 | |
|  | DONATION\_UNIT | | 發票捐贈單位 | VARCHAR | 7 |  |  | 若Donate為Y則此欄位必填 | |
|  | CARRIER\_TYPE | | 發票載具類型 | VARCHAR | 6 |  |  | 若Paper為N則此欄位必填，共通性載具值如以下  3J0002：手機條碼  CQ0001：自然人憑證  1K0001：悠遊卡  2G0001：iCash  會員載具類型需與加值中心設定值相符 | |
|  | CARRIER\_ID | | 發票載具編號 | VARCHAR | 64 |  |  | 若Paper為N則此欄位必填 | |
|  | COMPANY\_NAME | | 買受人 | VARCHAR | 10 |  |  | 可能是三聯發票的title | |
|  | COMPANY\_ID | | 統一編號 | VARCHAR | 50 |  |  | 購買公司統編 | |
|  | COMPANY\_ADD | | 地址 | VARCHAR | 256 |  |  |  | |
|  | RECEIVER\_NAME | | 收件人 | VARCHAR | 10 |  |  | CarrierType非共通性載具則此欄位必填 | |
|  | RECEIVER\_ADD | | 收件地址 | VARCHAR | 256 |  |  |  | |
|  | RECEIVER\_PHONE | | 收件人電話 | VARCHAR | 20 |  |  |  | |
|  | MEMBER\_ID | | 會員ID | BIGINT |  |  |  | 若CarrierType為會員載具則此欄位必填 | |
|  | MEMBER\_EMAIL | | 會員Email | VARCHAR | 128 |  |  | 若Paper為N則此欄位必填 | |
|  | MEMBER\_MOBILE | | 會員手機 | VARCHAR | 20 |  |  |  | |
|  | SERIAL | | 銷售項目序號 | VARCHAR | 4 |  | Y | 必填(0001) | |
|  | PROD\_ID | | 產品編碼 | VARCHAR | 18 |  |  |  | |
|  | PROD\_CHI\_NAME | | 銷售品項 | VARCHAR | 128 |  | Y | 必填 | |
|  | QTY | | 銷售數量 | VARCHAR | 1 |  | Y | 必填 | |
|  | PRICE | | 單價 | DECIMAL | 10,2 |  | Y | 必填 | |
|  | ITEM\_TAX | | 品項稅額 | DECIMAL | 10,2 |  |  | Type為「G」、「H」則必填；其餘Type不可填 | |
|  | ITEM\_EXCLUDE | | 品項未稅銷售額 | DECIMAL | 10,2 |  |  | Type為「G」、「H」則必填；其餘Type不可填 | |
|  | ITEM\_TOTAL | | 品項含稅銷售額 | DECIMAL | 10,2 |  |  | 必填 | |
|  | TAX\_TYPE | | 銷稅稅別 | VARCHAR | 1 |  |  | 必填，內容須符合說明 | |
|  | CREATE\_TS | | 建立日期 | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | | 更新日期 | TIMESTAMP |  |  |  |  | |

資料表說明: 交易發票檔

* 1. NPP\_INV\_ALLOWANCE

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_INV\_ALLOWANCE | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ALLOWANCE\_ID | | 折讓識別碼 | VARCHAR | 10 |  | Y | PK | |
|  | INVOICE\_NO | | 發票號碼 | VARCHAR | 10 |  | Y |  | |
|  | ALLOWANCE\_NO | | 折讓單號 | VARCHAR | 16 |  |  |  | |
|  | TXID | | 交易ID | VARCHAR | 45 |  |  |  | |
|  | REFUND\_ID | |  | VARCHAR | 5 |  |  |  | |
|  | ALLOWANCE\_AMT | | 折讓金額 | DECIMAL | 10,2 |  |  |  | |
|  | ALLOWANCE\_STATUS | | 折讓單狀態 | VARCHAR | 1 |  |  | I：已預開  D：已產生單號  E：錯誤  R：作廢 | |
|  | NOTIFY\_FLAG | | 是否已發送簡訊通知用戶 | VARCHAR | 1 |  |  | Y: 已發送  N: 未發送 | |
|  | CREATE\_TS | | 建立日期 | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | | 更新日期 | TIMESTAMP |  |  |  |  | |

資料表說明: 發票折讓檔

* 1. NPP\_INV\_FILE\_LOG

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_INV\_FILE\_LOG | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | FILE\_NAME | | 發票檔名稱 | VARCHAR | 43 |  | Y | PK | |
|  | RECORDS | | 筆數 | VARCHAR | 4 |  | Y |  | |
|  | FILE\_TS | | 產生日期 | TIMESTAMP |  |  |  |  | |
|  | ACK\_FILE\_NAME | | 回覆檔名稱 | VARCHAR | 43 |  |  |  | |
|  | ACK\_RECORDS | | 回覆筆數 | VARCHAR | 4 |  |  |  | |
|  | ACK\_TS | | 回覆日期 | TIMESTAMP |  |  |  |  | |
|  | ISSUE\_RESULT | | 結果 | VARCHAR | 1 |  |  | S: Success  F: Fail | |
|  | FAILURE\_REASON | | 失敗原因 | VARCHAR | 256 |  |  |  | |
|  | EMAIL\_FLAG | | 發送處理紀錄 | VARCHAR | 1 |  |  | Y: Yes  N: No | |
|  | CREATE\_TS | | 建立日期 | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | | 更新日期 | TIMESTAMP |  |  |  |  | |

* 1. ~~NPP\_SERVICE\_MAPPING~~

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | ~~NPP\_SERVICE\_MAPPING~~ | | | | | | |  |
| ~~No.~~ | ~~Field Name~~ | | ~~Description~~ | ~~Type~~ | ~~Length~~ | ~~Default~~ | ~~Mandatory~~ | ~~Remark~~ | |
|  | ~~PROD\_TYPE\_ID~~ | | ~~產品類別~~ | ~~VARCHAR~~ | ~~1~~ |  | ~~Y~~ | ~~PK~~  ~~1: Telecom VAS~~  ~~2: Internet VAS~~  ~~3: mpay~~  ~~4: Payment~~  ~~5: Cash Flow~~  ~~6: DCB~~ | |
|  | ~~PROD\_TYPE\_NAME~~ | | ~~產品類別名稱~~ | ~~VARCHAR~~ | ~~256~~ |  | ~~Y~~ |  | |
|  | ~~ORG\_ID~~ | | ~~事業別代碼~~ | ~~VARCHAR~~ | ~~15~~ |  |  |  | |
|  | ~~ORG\_UN~~ | | ~~事業別統一編號~~ | ~~VARCHAR~~ | ~~18~~ |  |  |  | |
|  | ~~CREATE\_USER~~ | | ~~建立人員~~ | ~~DECIMAL~~ | ~~32~~ |  |  |  | |
|  | ~~CREATE\_TS~~ | | ~~建立時間~~ | ~~TIMESTAMP~~ |  |  |  |  | |
|  | ~~LAST\_MOD\_USER~~ | | ~~更新人員~~ | ~~VARCHAR~~ | ~~32~~ |  |  |  | |
|  | ~~LAST\_MOD\_TS~~ | | ~~更新時間~~ | ~~TIMESTAMP~~ |  |  |  |  | |

~~資料表說明: 事業別與產品類型的MAPPING~~

1. System
   1. NPP\_CONFIG

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_CONFIG | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | KEY | | 系統設定名稱 | VARCHAR | 30 |  | Y | Primary Key | |
|  | VALUE | | 系統設定值 | VARCHAR | 256 |  | Y |  | |
|  | STATUS | |  | VARCHAR | 1 | Y |  | Y: 啟用  N: 停用 | |
|  | DES | | 描述 | VARCHAR | 1024 |  |  |  | |

存放NPP所需的系統設定值。

* 1. NPP\_EMAIL\_LIST

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_EMAIL\_LIST | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | ID | | Email ID | DECIMAL | 8,0 | 0 | Y | PK | |
|  | ENROLL\_TIME | | 產生時間 | TIMESTAMP |  | SYSTIME | Y |  | |
|  | EMAIL\_JOB | | 來源模組 | VARCHAR | 10 |  | Y |  | |
|  | SUBJECT | | 主旨 | VARCHAR | 256 |  | Y |  | |
|  | MSG | | Email內容 | BLOB |  | NULL |  |  | |
|  | EMAIL | | Email地址 | VARCHAR | 128 |  | Y |  | |
|  | MAIL\_CODE | | Email模式 | VARCHAR | 1 | R | Y | R: Real  B: Batch | |
|  | RETRY\_CNT | | 重試次數 | INTEGER |  | 0 | Y |  | |
|  | SUCCESS | | Email結果 | VARCHAR | 1 |  | Y | S: Success  F: Fail | |
|  | SENDER | | 寄件人 | VARCHAR | 128 |  | Y |  | |
|  | EMAIL\_CC | | 副件寄送地址 | VARCHAR | 128 |  | Y |  | |

Email告警寄送清單。

* 1. NPP\_SMS\_DETAIL

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | NPP\_SMS\_DETAIL | | | | | | |  |
| No. | Field Name | | Description | Type | Length | Default | Mandatory | Remark | |
|  | SMS\_ID | | ID號碼 | VARCHAR | 20 |  | Y | Primary Key  YYYYMMDD + 本日第幾封  例：20150310000000000001 | |
|  | SMS\_JOB | | 簡訊來源模組 | VARCHAR | 10 |  | Y |  | |
|  | SMS\_TXID | | 交易的TXID | VARCHAR | 20 | Y |  |  | |
|  | SMS\_MSISDN | | 手機號碼 | VARCHAR | 20 |  |  |  | |
|  | SMS\_MSG\_BOODY | | 簡訊內容 | VARCHAR | 256 |  |  |  | |
|  | SMS\_RETURN\_CODE | | Return code | VARCHAR | 5 |  |  |  | |
|  | SMS\_RETURN\_TEXT | | Return text | VARCHAR | 256 |  |  |  | |
|  | SMS\_STATUS | | 簡訊狀態 | VARCHAR | 1 |  |  | S: Success  F: Failed | |
|  | CREATE\_TS | | 建立日期 | TIMESTAMP |  |  |  |  | |
|  | LAST\_MOD\_TS | | 修改日期 | TIMESTAMP |  |  |  |  | |

發送簡訊table。