SMARTVISTA MAPPING DESCRIPTION

SVXP SVFE code mapping

September 2015

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1. PREFACE
   1. Revision history

| Revision | Date | Author | Details |
| --- | --- | --- | --- |
| 1.0 | 12.12.2014 | Maslov I. | Initial version |
| 1.1 | 15.12.2014 | Maslov I | Add mapping account type |
| 1.2 | 22.12.2014 | Maslov I. | Add mapping card status |
| 1.3 | 23.12.2014 | Maslov I. | Change account type in SVFE |
| 1.4 | 30.12.2014 | Maslov I. | Change mapping for account limit |
| 1.5 | 05.02.2015 | Maslov I. | Add mapping for terminal codes |
| 1.6 | 25.09.2015 | Maslov I. | Change mapping for “CARD DATA INPUT CAP” |
| 1.7 | 30.09.2015 | Maslov I | Change mapping “card presence” code |

* 1. Document purpose

This document describe mapping of filed form svxp standard to svfe CREF/DBAL standard. This document developed for internal use of BPC.

1. Transaction type

Mapping filed “SVFE Transaction Type” from posting to tag oper\_type and msg\_type SVXP.clearing. If value in the table msg\_type not given the value of the tag must remain the same.

| **Trans type** | **Description** | **Описание** | |
| --- | --- | --- | --- |
| **msg\_type** | **oper\_type** |
| 999 |  |  |  |
| 896 |  |  |  |
| 895 |  |  |  |
| 894 |  |  |  |
| 893 |  |  |  |
| 892 | Ticket Print |  |  |
| 891 | Ticketing |  |  |
| 890 | ATM Original Credit |  |  |
| 889 | POS Original Credit |  |  |
| 888 | ATM Card Validity Check |  |  |
| 887 | POS Card Validity Check |  |  |
| 886 | Telephone Order Return or Refund |  |  |
| 885 | Mail Order Return or Refund |  |  |
| 884 | ATM Return or Refund |  |  |
| 883 | Telephone Order Purchase |  |  |
| 882 | Mail Order Purchase |  |  |
| 881 | Mobile phone payment for cash |  |  |
| 880 | Mobile phone payment |  |  |
| 803 | EDBO: operational command request to ESB(make account transfer, credit fix e.t.c) |  |  |
| 802 | EDBO: get information request about requested data (information about account, credit or card) |  |  |
| 801 | EDBO: get parameters for requested operation |  |  |
| 801 | Request for card data update |  |  |
| 800 | EDBO: check EDBO presence for cardholder. |  |  |
| 800 | Account Selection |  |  |
| 799 | Fast cash |  |  |
| 798 | Service off |  | OPTP0173 |
| 797 | Service on |  | OPTP0174 |
| 796 | Account verification |  | OPTP0032 |
| 795 | Stop Payment Order Request |  |  |
| 794 | Get transaction fee parameters |  |  |
| 793 | POS reconciliation |  |  |
| 787 | Second part of 2-steps pos credit transaction |  |  |
| 786 | CAVV calculation transaction |  |  |
| 785 | Credit part of P2P transaction |  | OPTP0026 |
| 784 | POS balance inquiry |  | OPTP0030 |
| 783 | First part of 2-steps pos credit transaction |  |  |
| 782 | Change card status to VALID |  | OPTP0171 |
| 781 | Debit part of P2P transaction |  | OPTP0010 |
| 780 | Pos settlement |  |  |
| 779 | Batch totals transaction |  |  |
| 778 | Reset bags and envelopes counters |  | OPTP0804 |
| 777 | Cash advance |  | OPTP0012 |
| 776 | Purchase with cashback |  | OPTP0009 |
| 775 | Return or refund |  | OPTP0020 |
| 774 | Purchase |  | OPTP0000 |
| 773 | Credit verification |  |  |
| 772 | Biometric data writing request |  |  |
| 771 | SMS FEE disburse |  |  |
| 770 | SMS FEE transaction (DB or CR) |  |  |
| 769 | SMS representment |  |  |
| 768 | SMS reversal charge back |  |  |
| 767 | SMS charge back |  |  |
| 761 | Presenting of available denominations for ATM |  |  |
| 760 | Credit account with presentment |  |  |
| 759 | Balance inquiry on screen and receipt |  | OPTP0030 |
| 758 | Balance inquiry on receipt |  | OPTP0030 |
| 757 | Balance inquiry on screen |  | OPTP0030 |
| 756 | Enter PIN |  |  |
| 755 | Message To Bank |  |  |
| 754 | Cancel PIN change |  |  |
| 753 | Reenter PIN |  |  |
| 752 | PIN Authorization |  |  |
| 751 | Change PIN |  | OPTP0070 |
| 750 | Credit Adjustment |  | OPTP0422 |
| 749 | Debit Adjustment |  | OPTP0402 |
| 748 | Reset of wrong PIN counter |  | OPTP0071 |
| 744 | ATM Add-Cash Cassettes 3 & 4 |  | OPTP0802 |
| 743 | ATM Sign-On Cassettes 3 & 4 |  |  |
| 740 | Check guarantee transaction (POB) |  |  |
| 738 | Offline limit set for “PRO100” cards. |  |  |
| 737 | POS Purchase Completion | MSGTCMPL | OPTP0000 |
| 736 | POS Purchase Pre-Authorization | MSGTPREU | OPTP0000 |
| 733 | Pos Adjustment (tips, etc) |  |  |
| 730 | Acquirer Fee Advice Response |  |  |
| 729 | Arrest funds completion |  |  |
| 722 | ATM reset sequence |  | OPTP0804 |
| 721 | ATM add receipts |  |  |
| 720 | ATM Add-Cash Cassettes 1 & 2 |  | OPTP0801 |
| 719 | ATM Sign-On Cassettes 1 & 2 |  |  |
| 718 | ATM Settlement |  | OPTP0803 |
| 713 | Reversal ( from VOICE ) |  |  |
| 712 | POS Cash Deposit |  | OPTP0022 |
| 711 | E-POS Cash Deposit |  | OPTP0022 |
| 707 | Payment From Envelope |  | OPTP0028 |
| 706 | Payment From Account |  | OPTP0028 |
| 705 | Deposit Transaction |  | OPTP0028 |
| 704 | Statement Request |  | OPTP0038 |
| 703 | Funds Transfer |  | OPTP0040 |
| 702 | Balance Inquiry |  | OPTP0030 |
| 700 | Cash Withdrawal |  | OPTP0001 |
| 699 | Cash Advance without card by customer request  Cash Withdrawal from POS |  |  |
| 698 | Bill Payment Transaction ( TURAN ) |  | OPTP0028 |
| 693 | DPP Payment |  | OPTP0028 |
| 692 | Transfer from a SV account to a foreign account. Essentially a debit from SV’s point of view. |  | OPTP0042 |
| 691 | Debit bills payment w/o depository |  | OPTP0028 |
| 690 | Debit bills payment w/ depository |  | OPTP0028 |
| 689 | Card-to-card transfer |  | OPTP0011 |
| 688 | Coming in DBAL from BO |  | OPTP0400 |
| 687 | Coming in DBAL from BO |  | OPTP0428 |
| 686 | Purchase done via mail order or telephone |  | OPTP0000 |
| 685 | Batch totals transaction |  |  |
| 684 | Advanced repayment statement |  |  |
| 683 | Cash advance |  | OPTP0012 |
| 682 | Purchase with cash back |  | OPTP0009 |
| 681 | Return or refund |  | OPTP0020 |
| 680 | Purchase |  | OPTP0000 |
| 679 | Credit verification |  |  |
| 678 | Purchase completion | MSGTCMPL | OPTP0000 |
| 677 | Pre-purchase authorization | MSGTPREU | OPTP0000 |
| 676 | E-POS balance inquiry |  | OPTP0030 |
| 675 | Credit Account on NN settlement day |  | OPTP0428 |
| 674 | Credit Account on 1 settlement day |  | OPTP0428 |
| 673 | Debit Account |  | OPTP0400 |
| 672 | Change card status |  | OPTP0171 |
| 671 | Manual purchase |  | OPTP0000 |
| 670 | Manual cash withdrawal |  | OPTP0001 |
| 669 | Manual refund completion | MSGTCMPL | OPTP0020 |
| 668 | Manual purchase completion | MSGTCMPL | OPTP0000 |
| 667 | Manual cash completion | MSGTCMPL | OPTP0012 |
| 666 | Set institute account |  |  |
| 665 | Credit institute account |  |  |
| 664 | Debit institute account |  |  |
| 663 | Create institute account |  |  |
| 662 | Drop institute account |  |  |
| 661 | Set institute account as active |  |  |
| 660 | Set institute account as inactive |  |  |
| 659 | Debit account with presentment |  |  |
| 658 | Offline Decline |  |  |
| 657 | Issuer Failure/Issuer Script Results |  |  |
| 651 | Cardholder name inquiry |  | OPTP0031 |
| 650 | Card SVFE status inquiry |  |  |
| 649 | Get customer ID |  | OPTP0031 |
| 648 | Account is tied to card |  |  |
| 647 | Card personalization |  |  |
| 646 | Create account which tied to card |  |  |
| 645 | Card repersonalization |  |  |
| 644 | Activate card |  |  |
| 643 | Payment for mobile telephone optional 1 |  |  |
| 642 | Payment for mobile telephone optional 2 |  |  |
| 641 | Payment for mobile telephone optional 3 |  |  |
| 640 | Payment for mobile telephone optional 4 |  |  |
| 639 | Payment for mobile telephone optional 5 |  |  |
| 638 | Payment for mobile telephone optional 6 |  |  |
| 637 | Payment for mobile telephone optional 7 |  |  |
| 636 | Payment for mobile telephone optional 8 |  |  |
| 635 | Offline statement  Statement of offline transactions that’s loaded from the foreign system |  |  |
| 634 | ATM Payment 16 (Their 10ard) |  |  |
| 633 | ATM Payment 15 (Their 10ard) |  |  |
| 632 | ATM Payment 14 (Their 10ard) |  |  |
| 631 | ATM Payment 13 (Their 10ard) |  |  |
| 630 | ATM Payment 12 (Their 10ard) |  |  |
| 629 | ATM Payment 11 (Their 10ard) |  |  |
| 628 | ATM Payment 10 (Their 10ard) |  |  |
| 627 | ATM Payment 9 (Their 10ard) |  |  |
| 626 | ATM Payment 8 (Our card) |  |  |
| 625 | ATM Payment 07 (Our 10ard) |  |  |
| 624 | ATM Payment 06 (Our 10ard) |  |  |
| 623 | ATM Payment 05 (Our 10ard) |  |  |
| 622 | ATM Payment 04 (Our 10ard) |  |  |
| 621 | ATM Payment 03 (Our 10ard) |  |  |
| 620 | ATM Payment 02 (Our 10ard) |  |  |
| 619 | ATM Payment 01 (Our 10ard) |  |  |
| 618 | Cash deposit |  |  |
| 617 | Check Book Order |  |  |
| 616 | Initialization bank notes to ATM canister |  |  |
| 615 | Add bank notes to ATM canister |  |  |
| 614 | Pre totals at ATM |  |  |
| 613 | ATM Bank-Net Inter Bank Fund Transfer |  |  |
| 612 | Bank Net Bill Payment |  |  |
| 611 | Statement request. Request order of statement at bank |  |  |
| 610 | Interbank fund transfer to transferor |  |  |
| 609 | Interbank fund transfer to transferee |  |  |
| 608 | Bill payment |  |  |
| 607 | Account statement |  |  |
| 606 | Decrease cash at ATM |  |  |
| 605 | Show conversation rate |  |  |
| 604 | Universal transaction for mobile communication payment |  |  |
| 603 | Forced pin change |  |  |
| 602 | VSMS Copy Confirmation |  |  |
| 601 | Fund transfer between two account which do not tied to one card |  |  |
| 600 | Put to stop-list |  |  |
| 599 | Payment of accounts through barcode reader (for presentation in Kiev) |  |  |
| 598 | Print list of captured carts – administrative transaction |  |  |
| 597 | Inquiry for additional check at issuer (realized in DC) |  |  |
| 596 | DPP transaction with authorization in full sum |  |  |
| 595 | DPP transaction with authorization in arbitrary sum |  |  |
| 594 | Reset deposits counters |  |  |
| 593 | Change default card’s account |  |  |
| 592 | Obtain cash which was placed to BNA |  |  |
| 591 | Offline reversal |  |  |
| 590 | Currency exchange |  |  |
| 589 | Debit account during single settlement day |  |  |
| 588 | Full advanced repayment |  |  |
| 587 | Cash deposit for foreign card |  |  |
| 586 | Account list inquiry |  |  |
| 585 | Cash deposit on selected account |  |  |
| 584 | Installment Purchase (for co-brand cards) |  |  |
| 583 | Set account balance |  |  |
| 582 | Inquire of withdrawal maximum amount |  |  |
| 581 | Request for one bill withdrawal from cassette |  |  |
| 580 | Terminal alert information |  |  |
| 579 | Add flexible limit |  |  |
| 578 | Change parameters of flexible limit |  |  |
| 577 | Delete flexible limit |  |  |
| 576 | P2P transfer check |  |  |
| 575 | Create new account – request to a bank |  |  |
| 574 | PIN reissue – request to a bank |  |  |
| 573 | Cheque deposit – request to a bank |  |  |
| 572 | Service registration – request to a bank |  |  |
| 571 | Card issue – request to a bank |  |  |
| 570 | Reimbursement for particular service (e.g. cardless withdrawal or cash transfer), credit operation |  |  |
| 561 | Interest charge transaction |  |  |
| 560 | DPP Installment – refunding of earlier completed transaction, in accordance with chosen payment plan |  |  |
| 559 | Installment Purchase |  |  |
| 558 | Installment Cash Advance |  |  |
| 557 | Installment Funds Transfer |  |  |
| 550 | New PIN generation |  |  |
| 549 | Customs subpayment transaction |  |  |
| 548 | Cash customs payment transaction |  |  |
| 547 | Diners Club Fee Collection |  |  |
| 546 | Fee transaction |  |  |
| 545 | Debts list inquiry |  |  |
| 544 | Unipago Repayment |  |  |
| 543 | MasterCard Accountholder Authentication Value calculation |  |  |
| 542 | Unipago Purchase |  |  |
| 541 | Unipago Credit |  |  |
| 540 | Unipago Completion |  |  |
| 539 | Unipago Pre-Authorization |  |  |
| 538 | Purchase completion financial auth |  |  |
| 537 | Purchase pre-auth return |  |  |
| 536 | Exceed limit change from SVBO |  |  |
| 535 | Receipt printing transaction |  |  |
| 534 | PIN change confirmation for PIN change with confirmation |  |  |
| 533 | Payment with predefined parameters |  |  |
| 532 | Transaction for custom payment |  |  |
|  |  |  |  |
| 530 | Transfer funds to external account |  |  |
| 529 | Pre transaction for data collect |  |  |
| 528 | Administrative Request Message |  |  |
| 527 | Administrative Advice Message |  |  |
| 526 | Service check for card |  |  |
| 525 | Transaction for checking card |  |  |
| 524 | Show current type of account which tied to card |  |  |
| 523 | Transfer payment parameters |  |  |
| 522 | Transaction Change (project CASH U, УкрСмарт) |  |  |
| 521 | Payment for purchasing service (project CASH U, УкрСмарт) |  |  |
| 520 | GSM SMS notification |  |  |
| 519 | Print list of passwords  Печать разовых паролей |  |  |
| 518 | Short statement request for pension fund |  |  |
| 517 | Change service |  |  |
| 516 | Balance inquire by virtual card |  |  |
| 515 | Cash withdrawal by virtual card |  |  |
| 514 | Create virtual card |  |  |
| 513 | RGP Refund |  |  |
| 512 | RGP Completion |  |  |
| 511 | RGP Pre-Authorization |  |  |
| 510 | Client payment |  |  |
| 509 | Client payment for cash (without a card). |  |  |
| 508 | Utility Payment |  |  |
| 507 | RGP Fine Completion KTJ |  |  |
| 506 | RGP Fine Completion KTJ |  |  |
| 505 | RGP Misc Service Completion KTJ |  |  |
| 504 | RGP Misc Service Completion KTJ |  |  |
| 503 | RGP Road Payroll Completion Sender KTJ |  |  |
| 502 | RGP Road Payroll Completion Sender KTJ |  |  |
| 501 | RGP Pre-Authorization Reciever KTJ |  |  |
| 500 | RGP Pre-Authorization Sender KTJ |  |  |
| 499 | Dynamic data retrieval using OAR |  |  |
| 498 | Dynamic data retrieval without OAR |  |  |
| 497 | Show transaction specific data on terminal |  |  |
| 496 | Plastic Card Payment |  |  |
| 495 | Cash Payment |  |  |
| 494 | Card Account Replenishment from file |  |  |
| 493 | Changes card status to block operations on that card |  |  |
| 492 | Obtain login and password for Internet-Banking |  |  |
| 491 | Obtain the list of payments that took place in Mobile bank |  |  |
| 490 | ATM Cash Module Settlement |  |  |
| 489 | Account charge-off in accordance with bank requirements |  |  |
| 488 | Direct Debit for credit repayment |  |  |
| 487 | Direct Debit for fee repayment |  |  |
| 486 | Bind existing card with customer account |  |  |
| 485 | Adjust service access |  |  |
| 484 | Check for currency exchange possibility |  |  |
| 483 | Generate CVV2 |  |  |
| 482 | Status information message, reserved for internal usage |  |  |
| 481 | Check account status |  |  |
| 480 | Check service parameters |  |  |
| 479 | Restore service parameters |  |  |
| 478 | Deposit with float – checks |  |  |
| 477 | Deposit with float return |  |  |
| 476 | Deposit hold return |  |  |
| 475 | Deposit hold |  |  |
| 475 | Check cash deposit availability |  |  |
| 474 | Change account status |  | OPTP0172 |
| 473 | Inquire of available service |  |  |
| 473 | Debit and close account |  |  |
| 472 | Send additional service data |  |  |
| 471 | Purchase of prepaid card |  |  |
| 470 | Inquiry of payment arameters |  |  |
| 469 | Save payment transaction data to history |  |  |
| 461 | Operation Status Inquiry |  |  |
| 460 | Watch List Scoring Verification |  |  |
| 459 | Western Union Transfer Sender Lookup |  |  |
| 458 | Western Union Transfer Request for Receiver Data |  |  |
| 457 | Western Union Transfer Data Collection and Lookup |  |  |
| 456 | Western Union Transfer Send Money |  |  |
| 455 | Western Union Transfer Receive Money |  |  |
| 454 | Western Union Gold Card Lookup |  |  |
| 453 | Western Union Transfer Currency Lookup |  |  |
| 452 | BO permanent order debit |  |  |
| 451 | Western Union Transfer Country List Lookup |  |  |
| 450 | Unbind account from card |  |  |
| 449 | Union Card refund reversal |  |  |
| 448 | Service List Inquire |  |  |
| 447 | Service Additional Data Inquire |  |  |
| 445 | Union Card unique (quasicash) reversal |  |  |
| 444 | Union Card ATM withdrawal reversal |  |  |
| 443 | Union Card cash advance reversal |  |  |
| 441 | Union Card retail reversal |  |  |
| 439 | Union Card refund chargeback reversal |  |  |
| 435 | Union Card unique (quasicash) chargeback reversal |  |  |
| 434 | Union Card ATM withdrawal chargeback reversal |  |  |
| 433 | Union Card Europay cash advance chargeback reversal |  |  |
| 431 | Union Card retail chargeback reversal |  |  |
| 429 | Union Card refund chargeback |  |  |
| 425 | Union Card unique (quasicash) chargeback |  |  |
| 424 | Union Card ATM withdrawal chargeback |  |  |
| 423 | Union Card cash advance chargeback |  |  |
| 417 | Union Card Fee Collection |  |  |
| 409 | Union Card refund |  |  |
| 405 | Union Card unique (quasicash) |  |  |
| 404 | Union Card ATM withdrawal |  |  |
| 403 | Union Card cash advance |  |  |
| 401 | Union Card retail |  |  |
| 327 | UC+ cash disbursement reversal |  |  |
| 326 | UC+ credit voucher reversal |  |  |
| 325 | UC+ sales draft reversal |  |  |
| 307 | UC+ cash disbursement |  |  |
| 306 | UC+ credit voucher |  |  |
| 305 | UC+ sales draft |  |  |
| 237 | VISA cash chargeback disbursement reversal |  |  |
| 236 | VISA credit voucher chargeback reversal |  |  |
| 235 | VISA sales draft chargeback reversal |  |  |
| 227 | VISA cash disbursement reversal |  |  |
| 226 | VISA credit voucher reversal |  |  |
| 225 | VISA sales draft reversal |  |  |
| 220 | VISA Funds Disbursement |  |  |
| 217 | VISA cash disbursement chargeback |  |  |
| 216 | VISA credit voucher chargeback |  |  |
| 215 | VISA sales draft chargeback |  |  |
| 210 | VISA Fee Collection |  |  |
| 207 | VISA cash disbursement |  |  |
| 206 | VISA credit voucher |  |  |
| 205 | VISA sales draft |  |  |
| 149 | Europay refund reversal |  |  |
| 145 | Europay unique (quasicash) reversal |  |  |
| 144 | Europay ATM withdrawal reversal |  |  |
| 143 | Europay cash advance reversal |  |  |
| 141 | Europay retail reversal |  |  |
| 139 | Europay refund chargeback reversal |  |  |
| 135 | Europay unique (quasicash) chargeback reversal |  |  |
| 134 | Europay ATM withdrawal chargeback reversal |  |  |
| 133 | Europay cash advance chargeback reversal |  |  |
| 131 | Europay retail chargeback reversal |  |  |
| 129 | Europay refund chargeback |  |  |
| 125 | Europay unique (quasicash) chargeback |  |  |
| 124 | Europay ATM withdrawal chargeback |  |  |
| 123 | Europay cash advance chargeback |  |  |
| 121 | Europay retail chargeback |  |  |
| 117 | Europay Fee Collection |  |  |
| 109 | Europay refund |  |  |
| 108 | Europay payment transaction |  |  |
| 105 | Europay unique (quasicash) |  |  |
| 104 | Europay ATM withdrawal |  |  |
| 103 | Europay cash advance |  |  |
| 101 | Europay retail |  |  |
| 009 | Voucher refund |  |  |
| 005 | Voucher unique (quasicash) |  |  |
| 003 | Voucher cash advance |  |  |
| 001 | Voucher retail |  |  |
| S | AMEX sale transaction |  |  |
| R | AMEX refund transaction |  |  |
| D0 | Diners Club sale/cash |  |  |
| D3 | Diners Club refund |  |  |
| A59 | SV2SV refund second presentment |  |  |
| A55 | SV2SV unique (quasicash) second presentment |  |  |
| A54 | SV2SV ATM withdrawal second presentment |  |  |
| A53 | SV2SV cash advance second presentment |  |  |
| A51 | SV2SV retail second presentment |  |  |
| A49 | SV2SV refund reversal |  |  |
| A45 | SV2SV unique (quasicash) reversal |  |  |
| A44 | SV2SV ATM withdrawal reversal |  |  |
| A43 | SV2SV cash advance reversal |  |  |
| A41 | SV2SV retail reversal |  |  |
| A39 | SV2SV refund chargeback reversal |  |  |
| A35 | SV2SV unique (quasicash) chargeback reversal |  |  |
| A34 | SV2SV ATM withdrawal chargeback reversal |  |  |
| A33 | SV2SV cash advance chargeback reversal |  |  |
| A31 | SV2SV retail chargeback reversal |  |  |
| A29 | SV2SV refund chargeback |  |  |
| A25 | SV2SV unique (quasicash) chargeback |  |  |
| A24 | SV2SV ATM withdrawal chargeback |  |  |
| A23 | SV2SV cash advance chargeback |  |  |
| A21 | SV2SV retail chargeback |  |  |
| A18 | SV2SV Fee Collection credit |  |  |
| A17 | SV2SV Fee Collection debit |  |  |
| A09 | SV2SV refund |  |  |
| A04 | SV2SV ATM withdrawal |  |  |
| A03 | SV2SV cash advance |  |  |
| A01 | SV2SV retail |  |  |
| B01 | Purchase Installment transaction |  |  |
| B02 | Cash Advance Installment transaction |  |  |
| B03 | Funds Transfer Installment transaction |  |  |
| B04 |  |  |  |

1. Response code

Mapping field of “SVFE Response Code” posting file and tag OPER\_REASON of SVXP.clearing. Default response code RESP0001

| **Код** | **Описание** | **SVXP** |
| --- | --- | --- |
| 249 | Object is already created in system |  |
| 250 | Object is not created in system |  |
| 251 | No such object in system |  |
| 252 | Invalid batch number |  |
| 253 | Additional information required |  |
| 254 | Key Check Value error during key change | RESP0027 |
| 255 | Not enough money on credit account for full advanced repayment |  |
| 256 | Total limit for all merchant’s terminals |  |
| 257 | Limit for one merchant’s terminal |  |
| 258 | Network is waiting for sign-on | RESP0011 |
| 259 | Network is unable to process transactions | RESP0011 |
| 260 | The account is already default account in the card |  |
| 261 | Account has the same status as in change account request |  |
| 262 | HSM resp. 86: PIN exists in either global or local Excluded PIN Table |  |
| 263 | Transaction is not permitted for current card status. | RESP0018 |
| 264 | TEMPRORY BLOCKED BY CLIENT | RESP0018 |
| 265 | PERMANENT BLOCKED BY CLIENT | RESP0018 |
| 266 | ATM device error: EPP error |  |
| 267 | ATM device error: ICC error |  |
| 268 | ATM device error: notes acceptor error |  |
| 269 | ATM device error: notes acceptor error, notes rejected |  |
| 270 | ATM device error: cardreader error, retain card |  |
| 271 | ATM device error: common cardreader error |  |
| 272 | ATM device error: common receipt printer error |  |
| 273 | Exchange amount less than minimum amount allowed for exchange |  |
| 274 | Exchange amount greater than minimum amount allowed for exchange |  |
| 275 | ATM critical hardware error, no needs to retry |  |
| 276 | Can’t find actual exchange rate |  |
| 277 | Client doesn’t have requested service enabled. It’s possible to link client with service. |  |
| 278 | Invalid Terminal Registration Data | RESP0012 |
| 279 | Service gate return invalid amount error. |  |
| 280 | Card is suspicious. Card was locked. | RESP0064 |
| 281 | EMV card decline PIN change script | RESP0059 |
| 282 | Transaction was declined by stoplist record. |  |
| 283 | Card expired date in transaction does not agree with DB. |  |
| 284 | Service Gate security violation |  |
| 285 | Payment execution was delayed |  |
| 286 | Invalid service parameter |  |
| 287 | Invalid payment parameters |  |
| 288 | Error returns from service gateway |  |
| 289 | Public key cryptographic error |  |
| 290 | Partial approved, reduced the amount cash component of the transaction. | RESP0063 |
| 291 | Retract occurred during cash-in operation |  |
| 292 | For payments with postcheck when the postcheck timeouts | RESP0013 |
| 293 | Cash advance limit exceeded | RESP0022 |
| 294 | Single purchase limit exceeded | RESP0022 |
| 295 | DPP limit exceeded | RESP0022 |
| 296 | Total transaction counter mismatch |  |
| 297 | Total amount mismatch |  |
| 298 | Negative response was received from billing. |  |
| 299 | Common error code for transaction CHNG\_DEF\_ACCT |  |
| 300 | The card has Institu number (8) of accounts of this type already, no more allowed. | RESP0023 |
| 301 | Device inoperative — bills stuck at the exit throat |  |
| 302 | No bills in escrow |  |
| 303 | Bills detected at power-up |  |
| 304 | Cardholder has not checking accounts | RESP0023 |
| 305 | Cardholder has not saving accounts | RESP0023 |
| 306 | Bad Track1 | RESP0057 |
| 307 | Invalid phone error |  |
| 307 | Acquirer blocked |  |
| 308 | Service already binded |  |
| 308 | Issuer blocked | RESP0004 |
| 309 | Not permitted to terminal. | RESP0012 |
| 309 | Not comply original transaction | RESP0010 |
| 310 | No action taken |  |
| 311 | Card is not primary status |  |
| 312 | Cardholder doesn’t have corresponding loyalty account | RESP0023 |
| 313 | Call acquirer |  |
| 314 | Record already exists |  |
| 315 | Record does not exist |  |
| 316 | Limit of virtual card quantity exceed | RESP0022 |
| 317 | EMV data processing error |  |
| 800 | BILL SHORTAGE |  |
| 801 | Network didn’t respond, timer time-out.  It means that SVFE didn’t receive response (to original or reversal request) from host or network in specified time period. | RESP0013 |
| 802 | Issuer inoperative. | RESP0004 |
| 803 | Call issuer. | RESP0043 |
| 804 | Not permitted to cardholder. | RESP0032 |
| 805 | Error (usually in pinblock translation). |  |
| 806 | Transaction not permitted by law. | RESP0032 |
| 807 | Transaction needs to be entered again. |  |
| 808 | No dispense, card before cash (DEVICE\_RESP). |  |
| 809 | No dispense, card track update failed (DEVICE\_RESP). |  |
| 810 | Response received after timeout. | RESP0013 |
| 811 | Recevied this tx before you should usu. Respond the way you did the first time if there is no response code for this. |  |
| 812 | The message received was not within standards. | RESP0061 |
| 813 | This can mean several things don’t did not receive a tx amount being reversed greater than orig. No amount being reversed. |  |
| 814 | Limit reached for total number of txns in cycle, independent of transaction category. Kept in NA\_USG\_TAB (negative auth) or CREF\_TAB (positive auth). | RESP0022 |
| 815 | Per transaction limit. | RESP0022 |
| 816 | Supervisor limit exceeded. | RESP0022 |
| 817 | Negative auth usage cycle limit exceeded. | RESP0022 |
| 818 | Account restricted, capture card. | RESP0038 |
| 819 | Card expired, capture card. | RESP0037 |
| 820 | Excessive pin failures. | RESP0020 |
| 821 | Wrong Pin, Excessive pin failures. | RESP0020 |
| 822 | Lost Card – Capture. | RESP0046 |
| 823 | Stolen Card – Capture. | RESP0036 |
| 824 | Call Security – Capture. | RESP0048 |
| 825 | Currency of incoming transaction does not match currency of this iso. |  |
| 826 | Approve with identification. | RESP0045 |
| 827 | Do not honor transaction. | RESP0044 |
| 828 | Issuing institution is unknown. | RESP0006 |
| 829 | Unable to determine authorization method. | RESP0007 |
| 830 | Primary account number has invalid length. |  |
| 831 | Primary account num has invalid characters. |  |
| 832 | Card issue date is in the future. | RESP0028 |
| 833 | Incorrect CVV. | RESP0029 |
| 834 | Disallowed by reciprocity check. |  |
| 835 | PIN processing error. | RESP0025 |
| 836 | PVV check failed. |  |
| 837 | PIN response code undefined. | RESP0025 |
| 838 | Card status response code undefined. | RESP0017 |
| 839 | CVV processing error. | RESP0026 |
| 840 | SV not permitted to stand in. |  |
| 841 | Failed currency conversion. |  |
| 842 | Can’t find or init negative auth usage rec. |  |
| 843 | Address verification failed. This resp applies to address Instit txns only. | RESP0077 |
| 844 | This is used only in reports module. |  |
| 845 | EMV date predominance error |  |
| 846 | Bad supervisor card (for example, this card is not allowed for this terminal) | RESP0032 |
| 847 | Pick up card, special condition. | RESP0048 |
| 848 | Error in parsing or retrieving parsed track 3 data. | RESP0057 |
| 849 | Can’t update SV card status. |  |
| 850 | Exception file or other file record not found. |  |
| 851 | Error getting or creating a TX\_CAT\_USG record |  |
| 852 | The transaction frequency limit in the TX\_CAT\_USG record has been exceeded |  |
| 853 | The NA\_USG\_TAB limit on the number of ATM transactions has been exceeded. |  |
| 854 | The NA\_USG\_TAB limit on the number of POS transactions has been exceeded. |  |
| 855 | Request is in Progress. |  |
| 856 | Card\_type field in card ref table does not permit the service requested. |  |
| 857 | Requested amount was out of range allowed by the issuer. | RESP0021 |
| 858 | Processing error (invalid input data, failed DB lookup, etc.) while attempting to process MAC-related HSM command. |  |
| 859 | A MAC verification command was completed, and the outcome was “Mac did not verify.” |  |
| 860 | Card’s aggregate limit exceeded. |  |
| 861 | Expiration dates or card sequence number in the database and in the transaction data are different. |  |
| 862 | Exceeds pin limit; Don’t capture card. | RESP0020 |
| 863 | Cardholder didn’t insert envelope in time. |  |
| 864 | Depository failed. |  |
| 865 | Deposit in throat customer could get. |  |
| 866 | Deposit in throat customer can’t get. |  |
| 867 | Amount of transaction exceed the available maximum amount for this type of transaction at given network | RESP0022 |
| 868 | Amount of transaction exceed the available minimum amount for this type of transaction at given network | RESP0022 |
| 869 | The Bill Payment Account (BankNet) has invalid lenght |  |
| 870 | Fee processing error. |  |
| 871 | Incorrect CVV2. | RESP0031 |
| 872 | CVV2 processing error. | RESP0031 |
| 873 | Issuing BIN is unknown. | RESP0006 |
| 874 | Bad instit limit. |  |
| 875 | Institut limit. |  |
| 876 | Can not proc Institute amount. |  |
| 877 | Account already exist. |  |
| 878 | Account locked. | RESP0038 |
| 879 | *I*nvalid *institute* account type |  |
| 880 | Error in parsing or retrieving parsed track 2 data. | RESP0057 |
| 881 | Card is not personificated. |  |
| 882 | Incorrect customer\_id or cardholder\_id. | RESP0035 |
| 883 | The card is already active. |  |
| 884 | The card has NOT ANY accounts in CARD\_ACCT\_TAB already. | RESP0023 |
| 885 | The card is personificated already. |  |
| 886 | The card is not active. | RESP0028 |
| 887 | Stand-In. Exceded Max amount for txn. |  |
| 888 | Not found account in transaction currency. | RESP0023 |
| 889 | CVV2 present indicator shows that CVV2 present, but it does not |  |
| 890 | EMV card authentication fail (invalid ARQC) | RESP0030 |
| 891 | Not used now |  |
| 892 | Not used now |  |
| 893 | Payment receiver is unknown. | RESP0047 |
| 894 | Operation is declined because it’s not enough time passed from specified time point |  |
| 895 | Operation is declined due to absence of debts |  |
| 896 | Operation without receipt is not allowed |  |
| 897 | Problem occurred while delivering notes but dispense was successful |  |
| 898 | There is no records for Offline Statement |  |
| 899 | Cannot process transaction. Additional information for user presents. |  |
| 900 | The card has status 14- FORCED PIN CHANGE. All transaction are declined until PIN is changed |  |
| 901 | Incorrect PIN, foreign. Also commonly mapped through the PIN\_RESP\_TAB to mean “incorrect PIN, do not capture card” when SV is the issuer. |  |
| 902 | Cannot process transaction. |  |
| 903 | Cannot process amount. This code is only for truly erroneous amounts, don’t, exceeds machine capabilities or $0 cash withdrawal. Do not use for any sort of min/max limits. |  |
| 904 | Invalid PIN, capture card. | RESP0025 |
| 905 | Bad card (on\_us). |  |
| 906 | Expired card. | RESP0037 |
| 907 | Don’t recognize acct (foreign). | RESP0038 |
| 908 | Expired card (foreign). | RESP0037 |
| 909 | Invalid card, capture. | RESP0048 |
| 910 | Invalid tran at mach – retry. |  |
| 911 | WDL limit reached – retry. |  |
| 912 | WDL limit exceeded – retry. |  |
| 913 | Invalid tran – retry. |  |
| 914 | Invalid acct – retry. |  |
| 915 | Insuff. Funds – retry. |  |
| 916 | Unable to process – retry. |  |
| 917 | Card’s ATM or POS cycle limit exceeded. |  |
| 918 | Invalid financial inst. |  |
| 919 | Non-divisible amt – LOCAL. |  |
| 920 | Non-divisible amt – US. |  |
| 921 | CANCEL key was selected. |  |
| 922 | ATM did not respond (DEVICE\_RESP). |  |
| 923 | ATM performed a partial dispense (DEVICE\_RESP). |  |
| 924 | No notes dispensed (DEVICE\_RESP). |  |
| 925 | Faulty dispense. Notes dispensed UNKNOWN (DEVICE\_RESP). |  |
| 926 | No notes dispensed, and card not ejected (DEVICE\_RESP). |  |
| 927 | Notes retracted after present (DEVICE\_RESP). |  |
| 928 | Account restricted. |  |
| 929 | Diebold dispenser didn’t deliver- send again. |  |
| 930 | Forced post: can’t find in CURR\_TRANS. |  |
| 931 | I46: suspect reversal. |  |
| 932 | Forced post: no acct on file. |  |
| 933 | Cannot process transaction – REG E. |  |
| 934 | Forced post: no card on file. |  |
| 935 | Received a command reject message from ATM (DEVICE\_RESP). |  |
| 936 | Warm card, deny but don’t capture. |  |
| 937 | Not used now |  |
| 938 | Account’s ATM or POS cycle limit exceeded. |  |
| 939 | No such response code from network. |  |
| 940 | Ouldn’t find orig. trans. When processing a reversal. |  |
| 941 | Invalid Merchant ID. |  |
| 942 | Invalid Store number |  |
| 943 | Invalid Terminal Number. |  |
| 944 | Response (to POS term) not delivered. USED IN CURR\_TRANS.CURR\_TRANS FIELD. |  |
| 945 | Batch totals from POS term are wrong. |  |
| 946 | Don’t know what happened to response. USED IN CURR\_TRANS.CURR\_TRANS FIELD. |  |
| 947 | Exeeded transfer limit |  |
| 948 | No second account for transfer |  |
| 949 | Couldn’t post transaction |  |
| 950 | Host response received after timeout. |  |
| 951 | File update error. |  |
| 952 | Fraud is suspected. |  |
| 953 | Card is restricted. |  |
| 954 | Hot card, capture. |  |
| 955 | Date stamp in transaction is invalid. |  |
| 956 | Customer not enrolled for payment txns |  |
| 957 | This company has not enrolled with bank as one for which the bank will collect payements |  |
| 958 | Cutoff is in progress. |  |
| 959 | System Malfunction. |  |
| 960 | Invalid payment institution selected by customer at the device |  |
| 961 | timeout expired |  |
| 962 | update — timeout expired |  |
| 963 | reversal — timeout expired |  |
| 964 | got Oracle exception |  |
| 965 | buffer\_c doesn’t match buffer\_b |  |
| 966 | Invalid Card number |  |
| 967 | Transaction was taken into account during payment |  |
| 968 | Original amount incorrect. |  |
| 969 | Pre-Authorization transaction has unsuccessful code of completion |  |
| 970 | Flag to tell whoever to generate a C.B. |  |
| 971 | Account has been closed |  |
| 972 | Not usable yet—account is new |  |
| 973 | Account is dormant |  |
| 974 | External (non-SV) application not ready |  |
| 975 | File not accessible |  |
| 976 | Pending reversal, further transactions are not allowed |  |
| 977 | Withholding tax pending, transactions not allowed |  |
| 978 | Invalid branch. |  |
| 979 | Invalid account type. |  |
| 980 | Invalid new pin check for pin change tran. |  |
| 981 | Bad second card. Used in ATM P2P txn |  |
| 982 | Pre-Authorization transaction is reversed | RESP0054 |
| 983 | Pre-Authorization transaction already has transaction of completion | RESP0056 |
| 984 | Time between transaction of completion and Pre-Authorization transaction has exceed | RESP0052 |
| 985 | Amount between transaction of completion and transaction of Pre-Authorization more than fixture in percentage terms | RESP0055 |
| 986 | Error while processing Pre-auth and Coml |  |
| 987 | Requested Service not allowed, TVR byte 2, bit 5 is set to 1 | RESP0032 |
| 988 | Service not available at that time.( Communication or another problems) |  |
| 989 | EMV\_OFFLINE\_DECLINE |  |
| 990 | Information about card’s holder is not the same as information about credit borrower at document |  |
| 991 | Original transaction of Pre-Authorization has no been found for transaction of Completion | RESP0051 |
| 992 | No ATM canisters are available. |  |
| 993 | Invalid ATM Payment Institution |  |
| 994 | Call Acquire Security, No Capture. |  |
| 995 | Acquire account was no found in currency of transaction | RESP0034 |
| 996 | Probably this transaction had bad dispence (but was not reversed) |  |
| 997 | Service not allowed for client | RESP0032 |
| 998 | Incorrect insurance number |  |

1. Limit type

Mapping SVXP tag “limit\_type” to CREF/DRAL tag DF8064. Value of limit by default get from limit/sum\_limit

store in DF8065. For not default case present comment

**Card limit**

|  |  |  |
| --- | --- | --- |
| **Type** | **Description** | **SVXP** |
| C01 | Cash Disbursement Limit (amount) |  |
| C02 | Purchase Limit (amount) | LMTP0110 |
| C03 | Usage Limit | LMTP0102  value from tag count\_limit |
| C04 | Aggregate Limit (amount) |  |
| C05 | Credit Limit (amount) |  |
| С11 | Cash Disbursement Limit Stand-in (amount) |  |
| С12 | Purchase Limit Stand-in (amount) |  |
| С13 | Usage Limit Stand-in |  |
| С14 | Aggregate Limit Stand-in (amount) |  |
| С15 | Credit Limit Stand-in (amount) |  |
| C16 | Cash Disbursement Limit Stand-In maximum amount |  |
| C17 | Cash Disbursement Limit Stand-In maximum amount |  |
| C18 | Balance inquiry limit |  |
| C19 | Coefficient Stand-In Limit |  |
| C22 | Loyalty fee cumulative card level amount limit |  |
| С25 | Cash Withdrawal operations quantity limit Card level |  |
| С26 | Cash Withdrawal operations sum limit Card level |  |

**Issue Account limit**

|  |  |  |
| --- | --- | --- |
| **Type** | **Description** | **SVXP** |
| A01 | Cash Disbursement Limit account level (amount) | LMTP0300 |
| A02 | Purchase Limit account level (amount) |  |
| A03 | Usage Limit account level | LMTP0301  value from tag count\_limit |
| A04 | Customer defined Limit |  |
| A05 | DPP Account Limit |  |
| A06 | Cash Advance Limit |  |
| A07 | Single Purchase Limit | LMTP0306  value from tag sum\_limit |
| A08 | Cash Disbursement Limit account level (amount)  Limit Length Types=9  Limit Value = -1 (unlimited) | LMTP0305 |
| A09 | Purchase Limit account level (amount) |  |
| A10 | Purchase Limit account level (amount)  Limit Length Types=9  Limit Value = -1 (unlimited) |  |
| A11 | Cash Disbursement Limit account level (amount) |  |
| A15 | Cash Withdrawal Not-on-Us operations quantity limit account level |  |
| A16 | Cash Withdrawal operations quantity limit account level | LMTP0302 value from tag count\_limit |
| A17 | Cash Withdrawal operations sum limit account level | LMTP0302  value from tag sum\_limit |
| A18 | Account exceed limit | BLTP1001 |
| A19 | Account replenishment limit |  |
| A23 | Account Turnovers sum limit account level |  |
| A24 | Limit on total amount of purchase transactions during credit card billing cycle |  |
| A25 | Limit Account Balance |  |
| A26 | ATM cash withdrawal Us-on-Us operation amount limit account level |  |
| A27 | ATM cash withdrawal Us-on-Them (partner) operation amount limit account level |  |
| A28 | ATM cash withdrawal Us-on-Them (not partner) operation amount limit account level |  |
| A29 | ATM cash withdrawal Us-on-Us operation quantity limit account level |  |
| A30 | ATM cash withdrawal Us-on-Them (partner) operation quantity limit account level |  |
| A31 | ATM cash withdrawal Us-on-Them (not partner) operation quantity limit account level |  |

**Merchant limit**

|  |  |  |
| --- | --- | --- |
| SVFE | Description | SV2 Code |
| M01 | Turnover limit merchant level |  |

**Terminal limit**

|  |  |  |
| --- | --- | --- |
| SVFE | Description | SV2 Code |
| T01 | Turnover limit terminal level |  |
| T02 | Maximum amount of transaction (terminal level) |  |
| T03 | Minimum amount of transaction (terminal level) |  |
| T04 | Usage limit (terminal level) |  |
| T05 | Purchase limit (terminal level) |  |
| T06 | Refund limit (terminal level) |  |
| T07 | Cash disbursement limit (terminal level) |  |

**Acquirer Account limit**

|  |  |  |
| --- | --- | --- |
| SVFE | Description | SV2 Code |
| A01 | Turnover limit acquirer account level |  |
| A02 | Bill Payment limit acquirer account level according to amount of such operations  (for ‘500208’ – KIOSK) |  |
| A03 | Bill Payment limit acquirer account level according to quantity of such operations  (for ‘500208’ – KIOSK) |  |
| A04 | Statement limit acquirer account level according to amount of such operations  (for ‘500208’ – KIOSK) |  |
| A05 | Statement limit acquirer account level according to quantity of such operations  (for ‘500208’ – KIOSK) |  |
| A06 | Ticketing limit acquirer account level according to amount of such operations  (for ‘500208’ – KIOSK) |  |
| A07 | Ticketing limit acquirer account level according to quantity of such operations  (for ‘500208’ – KIOSK) |  |
| A08 | Ticket Print limit acquirer account level according to amount of such operations  (for ‘500208’ – KIOSK) |  |
| A09 | Ticket Print limit acquirer account level according to quantity of such operations  (for ‘500208’ – KIOSK) |  |
| A10 | Bill Payment limit acquirer account level according to amount of such operations  (for ‘500205’ – MOBILE) |  |
| A11 | Bill Payment limit acquirer account level according to quantity of such operations  (for ‘500205’ – MOBILE) |  |
| A12 | Statement limit acquirer account level according to amount of such operations  (for ‘500205’ – MOBILE) |  |
| A13 | Statement limit acquirer account level according to quantity of such operations  (for ‘500205’ – MOBILE) |  |
| A14 | Ticketing limit acquirer account level according to amount of such operations  (for ‘500205’ – MOBILE) |  |
| A15 | Ticketing limit acquirer account level according to quantity of such operations  (for ‘500205’ – MOBILE) |  |
| A16 | Ticket Print limit acquirer account level according to amount of such operations  (for ‘500205’ – MOBILE) |  |
| A17 | Ticket Print limit acquirer account level according to quantity of such operations  (for ‘500205’ – MOBILE) |  |
| A18 | Bill Payment limit acquirer account level according to amount of such operations  (for ‘500206’ – INET) |  |
| A19 | Bill Payment limit acquirer account level according to quantity of such operations  (for ‘500206’ – INET) |  |
| A20 | Statement limit acquirer account level according to amount of such operations  (for ‘500206’ – INET) |  |
| A21 | Statement limit acquirer account level according to quantity of such operations  (for ‘500206’ – INET) |  |
| A22 | Ticketing limit acquirer account level according to amount of such operations  (for ‘500206’ – INET) |  |
| A23 | Ticketing limit acquirer account level according to quantity of such operations  (for ‘500206’ – INET) |  |
| A24 | Ticket Print limit acquirer account level according to amount of such operations  (for ‘500206’ – INET) |  |
| A25 | Ticket Print limit acquirer account level according to quantity of such operations  (for ‘500206’ – INET) |  |

1. Cycle Length

Mapping SVXP tag “cycle\_length ” to CREF/DRAL tag DF8066.

|  |  |  |  |
| --- | --- | --- | --- |
| **Значение** | **Название** | **Описание** |  |
| 0 | Day | Limit length is calculated in days | LNGT0002 |
| 1 | Week | 7 days | LNGT0003 |
| 2 | Calendar Week | 7 days (for future use) |  |
| 3 | Month | 30 days | LNGT0004 |
| 4 | Calendar Month | 30 days (for future use) |  |
| 5 | Quarter | 90 days |  |
| 6 | Calendar Quarter | 90 days (for future use) |  |
| 7 | Year | 365 days | LNGT0005 |
| 8 | Calendar Year | 365 days |  |
| 9 | Calendar Month without Public Holiday | Calendar Month without Public Holiday |  |
| 10 | Settlement Day | Limit length is calculated in Settlement days |  |
| 11 | Working Day | Length is calculated in days without days off and holidays. |  |

1. Account type

|  |  |  |
| --- | --- | --- |
| **SVBO2** | **SVFE** | **Description** |
| ACTP0100  ACTP0120 | ACCTD01 | Checking |
| ACTP0110 | ACCTS01 | Savings |
| ACTP0130 | ACCTC01 | Credit |
|  | ACCTO01 | Others (Universal) |
|  | ACCTL01 | Loans |
|  |  | Envelope |
|  |  | Escrow |
|  |  | Money Market |
|  | ACCTY01 | Loyalty |
| ACTP0300 | ACCTF01 | Fee |
|  | ACCTW01 | Offline Wallet |
|  | ACCTANY | Any account type |

1. CARD status

|  |  |  |
| --- | --- | --- |
| **SVBO2** | **SVFE** | **Description** |
| CSTS0000 | CHST0 | VALID CARD |
| CSTS0001 | CHST1 | CALL ISSUER |
| CSTS0002 | CHST2 | WARM CARD |
| CSTS0003 | CHST3 | DO NOT HONOR |
| CSTS0004 | CHST4 | HONOR WITH ID |
| CSTS0005 | CHST5 | NOT PERMITTED |
| CSTS0006 | CHST6 | LOST CARD,CAPTURE |
| CSTS0007 | CHST7 | STOLEN CARD |
| CSTS0008 | CHST8 | CALL SECURITY |
| CSTS0009 | CHST9 | INVALID CARD |
| CSTS0010 | CHST10 | PICK UP CARD,SPECIAL CONDITION |
| CSTS0011 | CHST11 | CALL ACQUIRER SECURITY |
| CSTS0012 | CHST12 | CARD IS NOT ACTIVATED |
| CSTS0013 | CHST13 | PIN ATTEMPTS EXCEEDED |
| CSTS0014 | CHST14 | FORCED PIN\_CHANGE |
| CSTS0015 | CHST15 | CREDIT DEBTS |
| CSTS0017 | CHST17 | PIN ACTIVATION |
| CSTS0018 | CHST18 | INSTANT CARD PERSONIFICATION WAITING |
| CSTS0019 | CHST19 | FRAUD PREVENTION |
| CSTS0020 | CHST20 | TEMPORARY BLOCKED BY CLIENT |
| CSTS0021 | CHST21 | PERMANENT BLOCKED BY CLIENT |
| CSTS0022 | CHST9 | INVALID CARD |
| CSTS0023 | CHST9 | INVALID CARD |
| CSTS0024 | CHST9 | INVALID CARD |
| CSTS0025 | CHST9 | INVALID CARD |

1. POS\_DATA\_CODE

Mapping field “POS Data code” from posting to svxp.clearing.

| **№** | **Field** | **Description** | **SVXP** |
| --- | --- | --- | --- |
| 1 | Card data input capability | Возможность ввода данных с карты на терминале | card\_data\_input\_cap |
| 2 | Cardholder authentication capability | Возможность аутентификации владельца карты | crdh\_auth\_cap |
| 3 | Card capture capability | Возможность захвата карты | card\_capture\_cap |
| 4 | Operating environment | Функциональная среда (POS Condition Code) | terminal\_operating\_env |
| 5 | Cardholder presence indicator | Присутствие владельца карточки | crdh\_presence |
| 6 | Card presence | Наличие карточки | card\_presence |
| 7 | Card data input mode | Способ ввода данных с карточек | card\_data\_input\_mode |
| 8 | Cardholder authentication method | Метод аутентификации держателя карты | crdh\_auth\_method |
| 9 | Cardholder authentication entity | Способ аутентификации владельца карточки | crdh\_auth\_entity |
| 10 | Card data output capability | Возможность вывода данных на карту | card\_data\_output\_cap |
| 11 | Terminal output capability | Возможность вывода с терминала | terminal\_output\_cap |
| 12 | PIN capture capability | Возможность приема индивидуального идентификационного номера | pin\_capture\_cap |

## Card data input capability

| **Value** | **Description** | card\_data\_input\_cap |
| --- | --- | --- |
| 0 | Неизвестно | F2210000 |
| 1 | Ручной ввод, терминал отсутствует | F2210001 |
| 2 | Чтение магнитной полосы | F2210002 |
| 3 | Чтение штрихкода | F2210003 |
| 4 | OCR (оптическое распознавание образов) | F2210004 |
| 5 | Чтение чипа, магнитной полосы | F221000D |
| 6 | Ручной ввод с использованием терминала | F2210006 |
| 7 | Чтение магнитной полосы и ручной ввод с использованием терминала | F221000B |
| 8 | Чтение магнитной полосы, чипа и ручной ввод с использованием терминала | F221000C |
| 9 | Бесконтактное чтение данных | F2210005 |

## Cardholder authentication capability

| **c** | **Description** | crdh\_auth\_cap |
| --- | --- | --- |
| 0 | Возможность электронной аутентификации отсутствует | F2220000 |
| 1 | Присутствует возможность аутентификации с использованием PIN | F2220001 |
| 2 | ЭЦП | F2220002 |
| 3 | Биометрическая аутентификация | F2220006 |
| 4 | ??? | F2220006 |
| 5 | Электронная аутентификация | F2220006 |
| 6 | Другой способ аутентификации | F2220006 |

## Card capture capability

| **Value** | **Description** | card\_capture\_cap |
| --- | --- | --- |
| 0 | Отсутствует возможность захвата карты | F2230000 |
| 1 | Присутствует возможность захвата карты | F2230001 |

## Operating environment

| **Value** | **Description** | terminal\_operating\_env |
| --- | --- | --- |
| 0 | Терминал отсутствует | F2240000 |
| 1 | Терминал находится на территории торговой организации, задействован обслуживающий персонал | F2240001 |
| 2 | Терминал самообслуживания находится на территории торговой организации | F2240002 |
| 3 | Терминал находится вне территории торговой организации, задействован обслуживающий персонал | F2240003 |
| 4 | Терминал самообслуживания находится вне территории торговой организации | F2240004 |
| 5 | Терминал самообслуживания находится на территории держателя карты | F2240005 |
| 9 | Терминал находится на территории держателя карты, задействован обслуживающий персонал | F2240006 |

## Cardholder presence indicator

| **Value** | **Description** | crdh\_presence |
| --- | --- | --- |
| 0 | Держатель карты присутствует | F2250000 |
| 1 | Держатель карты отсутствует, причины не уточняются | F2250001 |
| 2 | Держатель карты отсутствует, заказ по почте | F2250002 |
| 3 | Держатель карты отсутствует, заказ по телефону | F2250003 |
| 4 | Держатель карты отсутствует, регулярный платеж | F2250004 |
| 5 | Держатель карты отсутствует, электронная коммерция | F2250005 |
| S | Держатель карты отсутствует, отложенный платеж | F2250001 |

## Card presence

| **Value** | **Description** | card\_presence |
| --- | --- | --- |
| 0 | Карта отсутствует | F2260001 |
| 1 | Карта присутствует | F2260000 |

## Card data input mode

| **Value** | **Description** | card\_data\_input\_mode |
| --- | --- | --- |
| 0 | Не уточняется | F2270000 |
| 1 | Ручной ввод без терминала | F2270001 |
| 2 | Считывание магнитной полосы | F2270002 |
| 3 | Считывание штрих кода | F2270003 |
| 4 | Считывание посредством OCR (оптическое распознавание образов) |  |
| 5 | Считывание чипа | F227000С |
| 6 | Ручной ввод на терминале | F2270006 |
| 7 | Бесконтактное считывание чипа с использование чиповых данных | F227000M |
| 8 | Бесконтактное считывание чипа с использование данных магнитной полосы | F227000A |
| 9 | Бесконтактное считывание | F227000M |
| S | Транзакция электронной коммерции в точке, поддерживающей протокол безопасности МПС (3-D Secure), но без его использования | F2270009 |
| T | Транзакция электронной коммерции в точке, поддерживающей протокол безопасности МПС (3-D Secure) с использованием данного протокола | F2270005 |
| U | Транзакция электронной коммерции без использования средств безопасности. | F227000S |
| V | Транзакция электронной коммерции с использованием средств шифрования канала передачи данных | F2270007 |
| W | Автоматический ввод данных, сохраненных ранее в сторонней системе | F227000W |

## Cardholder authentication method

Значения, определенные для данного параметра представлены в таблице (см. Таблица 9).

| **Value** | **Description** | crdh\_auth\_method |
| --- | --- | --- |
| 0 | Аутентификация не проводилась | F2280000 |
| 1 | Аутентификация с использованием PIN | F2280001 |
| 2 | Аутентификация ЭЦП | F2280002 |
| 5 | Аутентификация с использованием рукописной подписи | F2280005 |
| 6 | Другой способ аутентификации | F2280006 |
| T | Электронная коммерция аутентификация по протоколу безопасности не поддерживается | F2280009 |
| U | Электронная коммерция аутентификация по протоколу безопасности МПС поддерживается точкой, но не поддерживается эмитентом | F2280009 |
| V | Электронная коммерция аутентификация по протоколу безопасности МПС | F228000S |

## Cardholder authentication entity

| **Value** | **Description** | crdh\_auth\_entity |
| --- | --- | --- |
| 0 | Без аутентификации | F2290000 |
| 1 | Аутентификация с использованием чипа – offline PIN | F2290001 |
| 2 | Терминал | F2290002 |
| 3 | Аутентификация у эмитента (система авторизации) – online PIN | F2290003 |
| 4 | Аутентификация у эквайера – рукописная подпись | F2290004 |
| 5 | Другая аутентификация | F2290005 |
| S | Подозрение со стороны мерчанта | F2290006 |

## Card data output capability

Значения, определенные для данного параметра представлены в таблице (см. Таблица 11).

| **Value** | **Description** | **Тег** card\_data\_output\_cap |
| --- | --- | --- |
| 0 | Неизвестен | F22A0000 |
| 1 | Отсутствует | F22A0001 |
| 2 | Запись на магнитной полосе | F22A0002 |
| 3 | Вывод на чип | F22A0003 |

## Terminal output capability

Значения, определенные для данного параметра представлены в таблице (см. Таблица 12).

| **Value** | **Description** | **Тег** terminal\_output\_cap |
| --- | --- | --- |
| 0 | Информация о способах вывода отсутствует | F22B0000 |
| 1 | Возможность вывода на терминале отсутствует | F22B0001 |
| 2 | Возможен вывод на печатающее устройство | F22B0002 |
| 3 | Возможен вывод на дисплей | F22B0003 |
| 4 | Возможен вывод на печатающее устройство или дисплей | F22B0004 |

## PIN capture capability

Значения, определенные для данного параметра представлены в таблице (см. Таблица 13).

| **Value** | **Description** | **Тег** pin\_capture\_cap |
| --- | --- | --- |
| 0 | PiN не обрабатывается | F22C0000 |
| 1 | Неизвестно | F22C0001 |
| 4 | Обрабатывается PIN до 4 цифр | F22C0004 |
| 5 | Обрабатывается PIN до 5 цифр | F22C0005 |
| 6 | Обрабатывается PIN до 6 цифр | F22C0006 |
| 7 | Обрабатывается PIN до 7 цифр | F22C0007 |
| 8 | Обрабатывается PIN до 8 цифр | F22C0008 |
| 9 | Обрабатывается PIN до 9 цифр | F22C0009 |
| A | Обрабатывается PIN до 10 цифр | F22C000A |
| B | Обрабатывается PIN до 11 цифр | F22C000B |
| C | Обрабатывается PIN до 12 цифр | F22C000C |

1. Front End Terminal
   1. TERMINAL\_TYPE

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| TRMT0001 | Imprinter | 5 |
| TRMT0002 | |  |  | | --- | --- | |  | ATM | | |  |  | | --- | --- | |  | 1 | |
| TRMT0003 | POS | 2 |
| TRMT0004 | ePOS | 8 |
| TRMT0005 | Mobile | 5 |
| TRMT0006 | Internet | 6 |

* 1. Terminal status

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| TRMS0001 | Active | 01 |
| TRMS0002 | |  |  | | --- | --- | |  | Inactive | | 02 |
| TRMS0009 | Terminal closed | 99 |

* 1. CARD DATA INPUT CAP

| Code | Description | SVFE |
| --- | --- | --- |
| F221000A | |  |  | | --- | --- | |  | PAN auto-entry via contactless magnetic stripe | | 0 |
| F221000B | Magnetic stripe reader and key entry capability | 7 |
| F221000C | Magnetic stripe reader, ICC, and key entry capability | 8 |
| F221000D | Magnetic stripe reader and ICC capability | D |
| F221000E | ICC and key entry capability | 0 |
| F221000M | PAN auto-entry via contactless M/Chip | M |
| F221000V | |  |  | | --- | --- | |  | Other capability | | 0 |
| F2210000 | Unknown; data not available | 0 |
| F2210001 | Manual; no terminal | 1 |
| F2210002 | Magnetic stripe reader capability | 2 |
| F2210003 | Barcode reader | 3 |
| F2210004 | Optical character reader (OCR) capability | 4 |
| F2210005 | Integrated circuit card (ICC) capability | 9 |
| F2210006 | Key entry-only capability | 6 |

* 1. CARD CAPTURE CAP

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| F2230000 | No capture capability | 0 |
| F2230001 | Card capture capability | 1 |
| F2230002 | Unknown; data unavailable | 0 |

* 1. CRDH AUTH CAP

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| F2220000 | No electronic authentication capability | 0 |
| F2220001 | PIN entry capability | 1 |
| F2220002 | Electronic signature analysis capability | 2 |
| F2220005 | Electronic authentication capability is inoperative | 3 |
| F2220006 | Other | 4 |
| F2220009 | Unknown; data unavailable | 5 |

* 1. TERM\_OPERATING\_ENV

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| F2240000 | |  |  | | --- | --- | |  | No terminal used | | |  |  | | --- | --- | |  | 0 | |
| F2240001 | On card acceptor premises; attended terminal | 1 |
| F2240002 | On card acceptor premises; unattended terminal | 2 |
| F2240003 | Off card acceptor premises; attended | 3 |
| F2240004 | |  |  | | --- | --- | |  | Off card acceptor premises; unattended | | |  |  | | --- | --- | |  | 4 | |
| F2240005 | On cardholder premises; unattended | 5 |
| F2240006 | Off cardholder premises; unattended | 6 |
| F2240007 | Private use (Future use) |  |
| F2240009 | Unknown; data unavailable | 0 |

* 1. CARD\_DATA\_OUTPUT\_CAP

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| F22A000S | Other | 0 |
| F22A0000 | Unknown; data unavailable | 0 |
| F22A0001 | None | 1 |
| F22A0002 | |  |  | | --- | --- | |  | Magnetic stripe write | | 2 |
| F22A0003 | ICC | 3 |

* 1. TERM\_DATA\_OUTPUT\_CAP

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| F22B0000 | Unknown; data unavailable | 0 |
| F22B0001 | None | 1 |
| F22B0002 | Printing capability only | 2 |
| F22B0003 | Display capability only | 3 |
| F22B0004 | Printing and display capability | 4 |

* 1. PIN\_CAPTURE\_CAP

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| F22C000A | PIN capture capability 10 characters maximum | A |
| F22C000B | |  |  | | --- | --- | |  | PIN capture capability 11 characters maximum | | B |
| F22C000C | |  |  | | --- | --- | |  | PIN capture capability 12 characters maximum | | C |
| F22C0000 | |  |  | | --- | --- | |  | No PIN capture capability | | 0 |
| F22C0001 | |  |  | | --- | --- | |  | Unknown; data unavailable | | 1 |
| F22C0002 | |  |  | | --- | --- | |  | Reserved | | 2 |
| F22C0003 | |  |  | | --- | --- | |  | Reserved | | 3 |
| F22C0004 | PIN capture capability 4 characters maximum | 4 |
| F22C0005 | PIN capture capability 5 characters maximum | 5 |
| F22C0006 | PIN capture capability 6 characters maximum | 6 |
| F22C0007 | |  |  | | --- | --- | |  | PIN capture capability 7 characters maximum | | 7 |
| F22C0008 | PIN capture capability 8 characters maximum | 8 |
| F22C0009 | PIN capture capability 9 characters maximum | 9 |

* 1. FE Encryption Key Type

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| ENKTTAK | Terminal MAC Session Key | FEKT02 |
| ENKTTMK | Terminal Master Key | FEKT01 |
| ENKTTMKA | Terminal MAC Master Key | FEKT02 |
| ENKTTMKP | |  |  | | --- | --- | |  | Terminal PIN Master Key | |  |
| ENKTTPK | Terminal PIN Session Key |  |

* 1. INITIATOR

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| TCPIREMT | Remote initiator | TCPT02 |
| TCPIHOST | Host initiator | TCPT01 |

* 1. TCP/IP FORMAT

| SV2 Code | Description | SVFE |
| --- | --- | --- |
| TCPFVISA | VISA communication format |  |
| TCPFL14S | Link Level 1 |  |
| TCPFIBIC | 2 bytes length binary (including length of the message) | TCPF02 |
| TCPF2L4B | 4 bytes binary length with first 2 bytes only considered |  |
| TCPF006S | 6 bytes length | TCPF01 |
| TCPF004S | 4 bytes length | TCPF01 |
| TCPF004B | 4 bytes length binary |  |
| TCPF002C | Like 002B, but length includes header | TCPF02 |
| TCPF002B | 2 bytes length binary | TCPF02 |
| TCPF001B | 1 byte binary length |  |