

## BatchClosing(EOD)

### General Notes:

- (1) batch closing basically is an **on-line** process per (payment-cancellation-request) to determine (estimated) cancellation-type (void/refund)
- (2) would be controlled and called manually by spectrum every (2:00 EST OR 23:00 PST(yesterday))
- (3) would be independent of any invoice or payment timing
- (4) this estimated cancellation-type will be corrected by calling [correctPaymentCancellation ]  
INTERNAL :VOID(<=2:00AM)->NO CHARGE | REFUND(>2:00AM) -> CHARGE  
CHASE CREDITCARD :VOID(<=2:00AM)->NO CHARGE | REFUND(>2:00AM) -> CHARGE  
+EXTERNAL CALL  
HCHECKOUT INTERAC :VOID(<=2:00AM)->CHARGE | REFUND(>2:00AM) -> CHARGE [NO EOD CHECKING]

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## CANCEL PAYMENT [ Internal / CC / INTERAC ] 0208

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### General Note:

#### (0) PAYMENT CANCELLATION ONLY IF IS DONE FOR INVOICE NOT DEPOSIT

##### (1) There is no Cancellation Deadline[CLOSING]

(2) Using buffer-Window(e.g 15 minutes) to estimate Cancellation-Transaction-Type and user will be notified of that

buffer-window will be accessible at constant.php

at reconciliation time (by checking the external gateway records ) wrong-recorded payment-cancellation records will be corrected to **void**

(3) Payments can be done either invoice or deposits [XOR situation]

(4) Now [Player/Team] Deposit Payments is being done Fully not partially.

(5) Always master Entity is responsible to pay for Slave Payment/Invoice Cancellation Fees

(6) Determining Cancellation type might be inaccurate and it is inevitable[CORRECTION EXISTS TOUGH]

(7) @ cancellation time prompt Panel(including estimated-cancellation-Type) will be refreshed every minute if cancellation not taking any action

\_\_\_\_[Void]\_\_\_\_||\_\_\_\_15 Min[Refund]\_\_\_\_||02:00EST\_\_\_\_

despite of notification estimated cancellation-type might change to refund but will be corrected later on.

NOTE :INTERNAL WRONG REFUND CAN BE CORRECTED EASILY BUT IF CHASE CHARGES FOR WRONG REFUND ACTION THEN WE DO AND WE DONT CORRECT ANY TRANSACTIONS

### Logic summary:

(1) cancellation first reverse the whole process then decide whether or not fees need to apply

### Logic :

1-TRANSACTION DESCRIPTIONS

2-GET PAYMENT INFO

3-GET ACCOUNTS

4-GET MAXIMUM APPLIED FEES AT CANCELLATION PROCESS BASED ON PAYMENT\_TYPE

5-PAYMENT CANCELLATION POSSIBILITY

6-NOTE : IF MASTER WALLET MONEY DOES NOT HAVE ENOUGH MONEY FOR CANCELLATION REVERSE TXN S AND FEES call [paymentCancellationPossibility]

7-GET INVOICE\_ID IF HAS ANY

8-ABORT IF HAS NO STATUS OR ALREDY CANCELLED

9-RECORD ACTION

loop

--REVERSE WHOLE PAYMENT\_TRANSACTIONS

--RECORD PAYMENT REVERSE TRANSACTIONS

end loop;

10-TAG PAYMENT AS CANCELLED [REFUNDED/VOIDED]

11-INSERT PAYMENT CANCELLATION RECORDS HERE

12\*-APPLY REVERSE CHARGE FEES [RECENT FEES MIGHT APPLY]

13-UPDATE INVOICE AMOUNTS AND STATUS

#### 12\*-[Description]

```
if(payment-Type==INTERNAL)
{
Void    > Nothing;
Refund > Related apply-fees Transactions;
Record reverse Transactions Records in payment_transaction with C mark
}
if(payment-Type=='INTERAC')
{
VOID & REFUND > Related apply-fees Transactions;
Record reverse Transactions Records in payment_transaction with C mark
}
if(payment-Type=='CREDIT CARD')
{
VOID    > Nothing ;
REFUND > Related apply-fees Transactions;
Record reverse Transactions Records in payment_transaction with C mark
}
```

**Tables involved, triggers & reference and actions VISUAL WOULD BE ENOUGH**

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#### paymentCancellationPossibility(\_payment\_id int4) 0208

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1-GET PAYMENT INFO

2-GET MAXIMUM FEES APPLY AT CANCELLATION PROCESS

3-PAYMENT CANCELLATION POSSIBILITY

NOTE : IF MASTER WALLET MONEY DOES NOT HAVE ENOUGH MONEY FOR CANCELLATION  
REVERSE TXN S AND FEES

4-return boolean

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#### [remainingTimeToEOD](payment\_on datetime) 0208

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General Notes :

payment will happen at pst time so remaining time measurement is based on 23:00 PM PST

logic summary:

first specify DEADLINE23PMPST

**DIFF(CANCELLATION\_REQ\_TIME(now) - DEADLINE23PMPST)=X**

**IF(0 SEC<=X<=15 MIN)THEN MISTAKEN REFUDND**

**IF(X>15 MIN)THEN VOID**

**IF(X<00 SEC)THEN REFUND**

**listCancelledPayments(\_startDate,\_endDate)[Not Complete] 0208**

*list all cancelled payments and shows extemated-cancellation-status*

this function along with [chase sheet/SSI] will be used to correct mistaken entries in our system

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#### correctPaymentCancellation(payment\_id , correctedAction ) 0208

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summary:

**(1)would be done for INTERNAL/CREDITCARD**

**(2)basically corrects wrong-recorded payment-cancellation cancellation-Type to void**

**(3)reverse action (void->refund) action would also be possible for future uses**

1-after getting [chase sheet or SSI] , if any payment had been refunded mistaken during 15 min timeframe

will be rollbacked to void

2-reverse action is possible ie. void to refund but not real case

*logic:*

1-IF CORRECTED ACTION == VOID IT MEANS REFUND > VOID ELSE IF CORRECTED ACTION == REFUND IT MEANS VOID > REFUND

2-ROLLBACK REFUND TRANSACTIONS [DELETE OLD PAYMENT CANCELLATION RECORDS]

NOTE:PAYMENT\_TRANSACTION RECORDS WILL BE DELETED CASCADING

3-CALL **[CANCEL\_PAYMENT ]**

4-CALL **[PAYMENTcaNCELLATION POSSIBILITY]**

5-PAYMENT\_CANCELLATION WILL BE CORRECTED

6-PAYMENT\_STATUS WILL BE CORRECTED