

NPCI/AePS/2019-20/008

September 25, 2019

To,

All AePS Member Banks

Dear Madam / Sir,

Sub: AePS – Raw Data file and reports generated in BCS application

We refer to our AePS Interface Specification Document version 6.1 where banks have been informed that 'Unique Reference Number (URN) and Transaction Id (TXN Id)' will be made available in both Issuer and Acquirer Raw Data files.

At present the data in Raw Files ends at position 407 for Issuing Banks and at position 274 for Acquiring Banks which will be changed to 552 and 419 respectively.

With this revision Member banks will start getting URN and TXN Id data in RAW data files (which is currently blank) as follows:

- Issuer RAW data (Position 408 – 457)
 - URN -- 408 to 442
 - TXN Id -- 443 to 457
- Acquirer RAW data (Position 275 – 324)
 - URN -- 275 to 309
 - TXN Id -- 310 to 324

URN will be populated for all transaction types with value that will vary from 15 to maximum 35 characters and will be left justified followed by spaces to the right. URN will be used in Dispute life cycle processing and every dispute shall have URN as the input field for matching.

TXN Id will be populated only for 'Cash Deposit' transaction type, the value will vary from 12 to maximum 15 characters and will be left justified followed by spaces to the right. TXN Id will be filled with spaces for other than Cash Deposit transaction type.

Refer **Annexure A** for revised Issuer & Acquirer Raw data file formats.

There shall be no change in file naming convention of raw data files.

Please note that with this revision all banks will start getting additional extended data in both Issuing & Acquiring Raw Data files which needs to be accounted for in their **daily reconciliation process**.



The change in raw data will also have change in the following reports:

1. DRC File – TXNUID field will contain URN number.
2. EMS File – TXN Id column will now consist of URN.
3. Bulk Dispute File Upload Format– URN is mandatory in the revised bulk dispute upload format – Refer **Annexure B**

Effective October 10, 2019 we will be implementing the above mentioned changes in both Issuer and Acquirer raw data files and reports generated for banks in BCS system.

We have shared the sample Raw data files through mail incase of any assistance required you may contact the undermentioned officials.

We request you to take note of the above and disseminate the information contained herein to officials concerned.

For any further clarification, please send in your query to the following officials:

Name	E-mail	Mobile Number	Escalation Matrix
Rajendra Maurya	rajendra.maurya@npci.org.in		Level 1
Nayan Bhandarkar	nayan.bhandarkar@npci.org.in		Level 2
Gururaj Rao	gururaj.rao@npci.org.in		Level 3

Yours faithfully,



Saiprasad Nabar
Chief Online Products - Operations

Encl: Annexure A - Revised Issuer & Acquirer Raw Data File Format
B – Revised Bulk Upload File Format

Annexure A

Revised Issuer Raw Data File Format:

Field	From	To	Length	Type	M / O	Description
ITPTID	1	3	3	AN	M	PARTICIPANT ID
ITTRTY	4	5	2	AN	M	TRANSACTION TYPE
ITTRFA	6	7	2	N	M	FROM ACCOUNT TYPE
ITTRTA	8	9	2	ANS	O	TO ACCOUNT TYPE
ITSER#	10	21	12	N	M	TRANSACTION SERIAL #
ITRSPC	22	23	2	AN	M	RESPONSE CODE
ITCRD#	24	42	19	N	M	PAN NUMBER
ITMBR#	43	43	1	ANS	O	MEMBER NUMBER
ITAPR#	44	49	6	ANS	O	APPROVAL NUMBER
ITSTAN	50	61	12	N	M	SYSTEM TRACE AUDIT #
ITTDAT	62	67	6	N	M	TRANSACTION DATE
ITTIM	68	73	6	N	M	TRANSACTION TIME
ITMCAT	74	77	4	N	M	MERCHANT CATEGORY CODE
ITSDAT	78	83	6	N	M	SETTLEMENT DATE
ITCAID	84	98	15	ANS	M	CARD ACCEPTOR ID
ITCATI	99	106	8	ANS	M	CARD ACCEPTOR TERMINAL ID
ITCATA	107	146	40	ANS	M	CARD ACCEPTOR TERMINAL LOC
ITAQID	147	157	11	ANS	M	AQUIRER ID
ITNTID	158	160	3	ANS	O	NETWORK ID
ITAC1#	161	179	19	ANS	O	ACCOUNT 1 NUMBER
ITAC1B	180	189	10	ANS	O	ACCOUNT 1 BRANCH ID
ITAC2#	190	208	19	ANS	O	ACCOUNT 2 NUMBER
ITAC2B	209	218	10	ANS	O	ACCOUNT 2 BRANCH ID
ITTRCC	219	221	3	N	M	TRANSACTION CURRENCY
ITTRN\$	222	236	15	N	M	TRANSACTION AMOUNT
ITATR\$	237	251	15	N	O	ACTUAL TRANSACTION AMT
ITTRFE	252	266	15	N	O	TRANSACTION ACTIVITY FEE
ITI1CC	267	269	3	N	M	ISSUER 1 SETTLEMENT CURRENCY
ITI1A\$	270	284	15	N	O	ISSUER 1 SETTLEMENT AMOUNT
ITI1F\$	285	299	15	N	O	ISSUER 1 SETTLEMENT FEE
ITI1P\$	300	314	15	N	O	ISSUER 1 STL PROCESSING FEE
ITC1CC	315	317	3	ANS	O	CARDHOLDER 1 BILL CURRENCY
ITC1A\$	318	332	15	N	O	CARDHOLDER 1 BILLING AMOUNT
ITC1AF	333	347	15	N	O	CARDHOLDER 1 BILL ACTV FEE
ITC1PF	348	362	15	N	O	CARDHOLDER 1 BILL PROC FEE
ITC1SF	363	377	15	N	O	CARDHOLDER 1 BILL SVC FEE
ITTC1R	378	392	15	N	O	TRANS/CRDHLD 1 CONV RATE
ITSC1R	393	407	15	N	O	STLMNT/CRDHLD 1 CONV RATE

ITURN	408	442	35	ANS	M	Unique Reference Number
ITTXNID	443	457	15	ANS	O	Transaction Identifier (Used SHG & Deposit)
ITRFU1	458	475	18	ANS	O	Reserved For Future Use
ITRFU2	476	493	18	ANS	O	Reserved For Future Use
ITRFU3	494	494	1	ANS	O	Reserved For Future Use
ITRFU4	495	498	4	ANS	O	Reserved For Future Use
ITRFU5	499	502	4	ANS	O	Reserved For Future Use
ITRFU6	503	552	50	ANS	O	Reserved For Future Use

**** Note:- Any field without values shall either be populated with spaces for data type ANS and zero's for data type N**

Revised Acquirer Raw Data File Format:

Field	From	To	Length	Type	M / O	Description
ATPTID	1	3	3	AN	M	Participant ID
ATTRTY	4	5	2	AN	M	Transaction Type
ATTRFA	6	7	2	ANS	M	From Account Type
ATTRTA	8	9	2	ANS	O	To Account Type
ATSER#	10	21	12	N	M	Transaction Serial Number
ATRSPC	22	23	2	AN	M	Response Code
ATCRD#	24	42	19	N	M	PAN Number
ATMBR#	43	43	1	ANS	O	Member Number
ATAPR#	44	49	6	ANS	O	Approval Number
ATSTAN	50	61	12	N	M	System Trace Audit Number
ATTDAT	62	67	6	N	M	Transaction Date
ATTIM	68	73	6	N	M	Transaction Time
ATMCAT	74	77	4	N	M	Merchant Category Code
ATCASD	78	83	6	N	M	Card Acceptor Settlement Date
ATCAID	84	98	15	ANS	M	Card Acceptor ID
ATCATI	99	106	8	ANS	M	Card Acceptor Terminal ID
ATCATA	107	146	40	ANS	M	Card Acceptor Term. Location
ATAQID	147	157	11	ANS	M	Acquire ID
ATASDT	158	163	6	N	M	Acquirer Settlement Date
ATTRCC	164	166	3	N	M	Transaction Currency Code
ATTRN\$	167	181	15	N	M	Transaction Amount
ATATR\$	182	196	15	N	M	Actual Transaction Amount
ATTRFE	197	211	15	N	M	Trans Activity Fee
ATASCC	212	214	3	N	M	Acquirer Settlement Currency Code
ATASA\$	215	229	15	N	O	Acquirer Settlement Amount
ATASF\$	230	244	15	N	O	Acquirer Settlement Fee
ATASP\$	245	259	15	N	O	Acquirer Settlement Process Fee
ATASCR	260	274	15	N	O	Acquirer Settlement Conversion Rate
ATURN	275	309	35	ANS	M	Unique Reference Number

ATTXNID	310	324	15	ANS	O	Transaction Identifier (Used SHG & Deposit)
ATRFU1	325	342	18	ANS	O	Reserved For Future Use
ATRFU2	343	360	18	ANS	O	Reserved For Future Use
ATRFU3	361	361	1	ANS	O	Reserved For Future Use
ATRFU4	362	365	4	ANS	O	Reserved For Future Use
ATRFU5	366	369	4	ANS	O	Reserved For Future Use
ATRFU6	370	419	50	ANS	O	Reserved For Future Use

**** Note:- Any field without values shall either be populated with spaces for data type ANS and zero's for data type N**

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Annexure B

Revised Bulk Upload File Format (URN is mandatory):

Header	Description	Length
Bankadjref	Bank Adjustment Reference Number	Length - 100 (AN)
Flag	DRC / B / C	Length - 03 (A)
Shtdat	Transaction Date	YYYY-MM-DD (N)
Adjamt	Transaction Amount	(N)
Shser	RRN	Length - 50 (N)
Shcrd	19 Digit (PAN Number)	Length - 53 (AN)
Filename	.csv file Name	Length - 50 (AN)
Reason	Reason Code	Length - 05 (AN)
URN	Unique Reference Number	Length - 35 (AN)

**** URN will be mandatory for where the same is available in Raw Data files and other Reports.**

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