NPCI/UPI/2022-23/OC.157   31st October, 2022

To,

All Member Banks of Unified Payments Interface (UPI)

Madam / Dear Sir,

Subject: UPI Raw File Version 3.0.

We refer to the below mentioned operating Circulars wherein we have informed member banks to migrate raw file version to V.2.0 in OC-121.

i)   OC *NPCI/UPI/OC No.121/2020-21* dated 25th October, 2021 (Sub. Changes in UPI raw data file)

ii)   OC *NPCI/UPI/OC No.152/2022-23* dated 30th June 2022 (Sub. Revised timelines on changes in UPI raw data files – 121)

iii)   OC *NPCI/UPI/OC No.138/2021-22* dated 16th March, 2022 (Sub. Introduction of 'On Device Wallet' – UPI Lite for small value transactions)
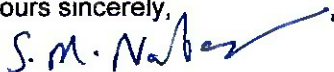
Subsequently, banks who have gone live on UPI Lite has approached NPCI to accommodate the *LRN* (Lite Reference Number) in remitter and payer PSP raw files same as UPI Lite Balance file. In view thereof, it was proposed during the UPI working group meeting dated 6th October, 2022 to introduce 4 additional fields at the end of each transaction record in new trimmed raw data files (refer OC-121). Post deliberation in meeting, it was decided to use one of field for Lite reference number (LRN) for UPI Lite transactions in remitter and payer PSP raw file and remaining 3 fields shall be reserved for future purpose (refer Annexure – A for details), accordingly NPCI has made necessary development and we are pleased to inform that the Version 3.0 raw file has been made live in production system on 8th September 2022.

Member Banks may please note importantly that

- Additional 4 fields are incorporated in new trimmed raw data as a part of Version 3.0.
- Specification of Version 3.0 (refer Annexure – A for details, highlighted in bold and italic for quick reference).
- LRN will be sent in Remitter and Payer PSP raw data files only.
- Beneficiary and Payee PSP raw files will have blank values in respective 4 fields.
- Banks who have gone live on version 2.0 are expected to migrate to raw file Version 3.0 before enabling UPI Lite functionality
- Bank who are currently on Version 1.0 are expected to migrate to the new raw file version 3.0 directly for faster generation of raw files and enablement of UPI lite Functionality.

Please make a note of the above and disseminate the information contained herein to the officials concerned.

Yours sincerely,

Saiprasad Nabar
Chief Platform Officer

ENCL: Annexure – A

Annexure – A

Prefix	NewFieldName	Field Description	Type	ActualLength	MaxLength (For Future Use)	Remark
Domestic RAW Data format					
TI	TIsubType	Transaction Type	AN	2	20	
	TItxnId	UPI Transaction ID	AN	35	100	
	TIrrn	RRN	AN	12	100	
	TIrespCode	Response Code	AN	2	20	
	TIDate	Transaction Date	N	6	6	
	TItime	Transaction Time	N	6	6	
	TIsetAmount	Settlement Amount	N	15,2	15,2	
	TIumn	UMN	AN	255	255	
	TIMapperId	Mapper Id	AN	16	16	
	TCinitiationMode	Initiation Mode	AN	2	10	
	TCpurpose	Purpose Code	AN	2	10	
PR	PRId	Payer Code	AN	3	3	
	PRmcc	Payer MCC	AN	4	20	
	PRvpa	Payer VPA	AN	255	255	
PE	PEId	Payee Code	AN	3	3	
	PEMCC	Payee MCC	AN	4	20	
	PEvpa	Payee VPA	AN	255	255	
RE	REId	Rem Code	AN	3	3	
	REifsc	REM IFSC CODE	AN	11	20	
	REaccType	Remitter Account Type	AN	2	30	
	REaccountNo	REM ACCOUNT NUMBER	AN	30	30	
BE	BEId	Bene Code	AN	3	3	
	BEifsc	BENI IFSC CODE	AN	11	20	
	BEaccType	Bene Account Type	AN	2	30	
	BEaccountNo	BENE ACCOUNT NUMBER	AN	30	30	
	LRN	*Lite Reference Number*	*AN*	*35*	*36*	
	ResField1	*ResField1*				
	ResField2	*ResField2*				
	ResField3	*ResField3*				