

## File Format Changes for RTA

### Existing File Format for Downloading Demat / Conversion/ Remat /Reconversion/ Repurchase Request

Record Type	Record Identifier	Record length	Remarks
Header	'01'	485	One (First) record per file
Detail	'02'	970	Second record onwards, multiple per file.

#### Header Record

Field Description	Field Type	Size	End	Status	Remarks
Record Type	Char	2	2	M	01 header record
ISIN	Char	12	14	M	
SR BP ID	Char	8	22	M	
SR Name	Char	135	157	M	
Statement Preparation Date	Date	8	165	M	System date (YYYYMMDD)
Statement Preparation Time	Time	6	171	M	System time(HHMMSS)
Total DEMAT Positions / Conversion of Units Request	Decimal	18 (15+3)	189	M	(15+3) 15 integer and 3 decimal places
Total DEMAT Positions / Conversion of Units Accepted	Decimal	18 (15+3)	207	M	(15+3) 15 integer and 3 decimal places
Total DEMAT Positions / Conversion of Units Rejected	Decimal	18 (15+3)	225	M	(15+3) 15 integer and 3 decimal places
Total DEMAT Positions / Conversion of Units Pending	Decimal	18 (15+3)	243	M	(15+3) 15 integer and 3 decimal places
Total REMAT Positions Requested	Decimal	18 (15+3)	261	M	(15+3) 15 integer and 3 decimal places
Total REMAT Positions Accepted	Decimal	18 (15+3)	279	M	(15+3) 15 integer and 3 decimal places

Total REMAT Positions Rejected	Decimal	18 (15+3)	297	M	(15+3) 15 integer and 3 decimal places
Total REMAT Positions Pending	Decimal	18 (15+3)	315	M	(15+3) 15 integer and 3 decimal places
Total Repurchase / Redemption Position Requested	Decimal	18 (15+3)	333	M	(15+3) 15 integer and 3 decimal places
Total Repurchase / Redemption Position Accepted	Decimal	18 (15+3)	351	M	(15+3) 15 integer and 3 decimal places
Total Repurchase / Redemption Position Rejected	Decimal	18 (15+3)	369	M	(15+3) 15 integer and 3 decimal places
Total Repurchase / Redemption Position Pending	Decimal	18 (15+3)	387	M	(15+3) 15 integer and 3 decimal places
Total num. of DMAT / Conversion of Units instr.	Integer	8	395	M	
Total num. of REMAT instr.	Integer	8	403	M	
Total number of Repurchase / Redemption instr.	Integer	8	411	M	
Total number of Partially Pending DEMAT / Conversion of Units	Integer	8	419	M	
Total num. of Partially Pending REMAT	Integer	8	427	M	
Total num. of Partially Pending Repurchase / Redemption	Integer	8	435	M	
Total number of Fully Pending DEMAT / Conversion of Units	Integer	8	443	M	
Total num. of Fully Pending REMAT	Integer	8	451	M	
Total num. of Fully Pending Repurchase / Redemption	Integer	8	459	M	
Total Number of Detail Records	Integer	7	466	M	
Full / Incremental Flag	Char	1	467	M	F- Full, I – Incremental

Incremental Reference Date	Date	8	475	O	Applicable only in case of Incremental. It is a system date from onwards incremental information extracted
Filler	Char	10	485	O	

## New Format for downloading Demat / Conversion / Remat/ Reconversion/ Repurchase Request

- There is NO change in Header Record Format
- There will be additional fields in Detail record Type 02 Format. Details of it is highlighted in **YELLOW**
- There will be addition of **Detail Record Type 03**. Details of it is highlighted in **YELLOW**

### Detail Record – Record Type 02

Field Description	Field Type	Size	End	Status	Remarks
Record Type	Char	2	2	M	02 detail record
Line Number	Integer	7	9	M	Start with 1
DP ID	Char	8	17	M	
DEMAT / Conversion of Units / REMAT/ Redemption/ Reconversion of Units into SOA/ Mutual Fund Redemption Indicator	Char	1	18	M	D-DMAT, R-REMAT, P-Repurchase E - Conversion of Units, M - Reconversion of Units into SOA, U - Mutual Fund Redemption
DRN / RRN/ CRN	Integer	14	32	M	Source BP instruction Id
Beneficiary Account Number	Integer	8	40	M	
First Holder's Name	Char	135	175	M	
Filler	Char	115	290		
Second Holder's Name	Char	45	335	O	
Third Holder's Name	Char	45	380	O	
Free/Lock Flag	Char	1	381	M	L-Lock, F-Free
Locked-in Reason Code	Integer	2	383	O	00 in case of free position
Locked-in Release Date	Date	8	391	O	

Requested quantity	Decimal	18 (15,3)	409	M	(15+3) 15 integer and 3 decimal places
Internal Reference Number	Char	35	444	O	
Instruction receive date	Date	8	452	M	system date(YYYYMMDD)
DRF / RRF Receive date/ CRF Receive date	Date	8	460	O	YYYYMMDD
DRN / RRN Status / CRN Status	Integer	2	462	M	
Confirmation Number	Integer	14	476	M	YYYYMMDD
Confirmation Date	Date	8	484	O	(15+3) 15 integer and 3 decimal places
Accepted Quantity	Decimal	18	502	M	(15+3) 15 integer and 3 decimal places
Rejected Quantity	Decimal	18	520	M	(15+3) 15 integer and 3 decimal places
Confirmation Capture Date Time	DTM	14	534	O	YYYYMMDDHH24MMSS
Verify Release Date Time	DTM	14	548	O	YYYYMMDDHH24MMSS
Instruction Receipt Date Time from NSDL(DM)	DTM	14	562	M	YYYYMMDDHH24MMSS
Confirmation status	Integer	2	564	M	
Rejection reason 1	Integer	4	568	O	
Rejection reason 2	Integer	4	572	O	
Rejection reason 3	Integer	4	576	O	
Rejection reason 4	Integer	4	580	O	
No. of certificates	Integer	8	588	O	
All Units Indicator	Char	1	589	O	'A' –All Units, 'N' - Amount, or Space
All Units Final Confirmation Indicator	Char	1	590	O	'F' or Space
Beneficiary Type	Char	2	592	O	
Beneficiary Sub Type	Char	2	594	O	
Beneficiary Address Part 1 / BP Addr 1	Char	36	630	O	
Beneficiary Address Part 2/ BP Addr 2	Char	36	666	O	
Beneficiary Address Part 3 / BP Addr 3	Char	36	702	O	
Beneficiary Address Part	Char	36	738	O	

4 / BP Addr 4					
Beneficiary Address PIN Code	Char	10	748	O	
First Holder PAN	Char	30	778	O	
Second Holder PAN	Char	30	808	O	
Third Holder PAN	Char	30	838	O	
First Holder Phone Number	Char	24	862	O	
First Holder Bank Name	Char	30	892	O	
First Holder Bank Account No.	Char	30	922	O	
MICR Code	Char	9	931	O	
Indian Financial System Code (IFSC)	Char	11	942	O	
Account Status	Char	10	952	M	Active, Inactive
Filler	Char	18	970	O	

Detail Record – Record Type 03					
Description	Data Type	Size	End	Status	Remarks
Record Type	Char	2	2	M	03 Detail record
Line Number	Integer	7	9	M	
DP ID	Char	8	17	M	
DEMAT / Conversion of Units / REMAT/ Redemption Indicator	Char	1	18	M	'D' – DEMAT 'E' - Conversion of Units
DRN / RRN/ CRN	Integer	14	32	M	
Beneficiary Account Number	Integer	8	40	M	
Folio Number	Character	20	60	M	Mandatory for both 'D' – DEMAT & 'E' - Conversion of Units
Certificate Number	Character	18	78	M/O	Mandatory in case of 'D' - DEMAT
DNR From	Integer	18	96	M/O	Mandatory in case of 'D' - DEMAT
DNR To	Integer	18	114	M/O	Mandatory in case of 'D' -

					DEMAT
Quantity	Integer	18	132	M	
Name Mismatch Indicator	Char	1	133	M	Y = Yes, N = No Always 'N' in case of 'E' - Conversion of Units
Filler	Character	100	233	O	

### Note:

- User will be using the same download menu i.e. **Menu: SHR → Upload / Download → Demat / Remat / Repurchase Download**. However, data will be accepted as per new file format
- Changes mentioned above (i.e. Record Type 03) will be applicable only for Transaction Type **Dematerialization**
- Record Type 03 will be mandatory for all Equity ISIN.
- Record Type 03 will appear below corresponding Record Type 02. This signifies Record Type 03 relation with Record Type 02
- If DRN raised by DP has name mismatch, value in Name Mismatch Indicator will be Y else N

## Existing Demat / Conversion/ Remat / Reconversion/ Repurchase Upload Confirmation Upload – RTA

### Demat (801) /Remat (802) and Repurchase (803) Confirmation Upload

Record Type	Record Identifier	Record length	Remarks
Header	'01'	161	First record per file
Detail	'02'	251	Second record, multiple per file.
Detail	'03'	161	Optional - It will immediately follow record type "02" & applicable for accepted quantity.  One or more DN Ranges can be specified for each Accepted Quantity mentioned in record type "02".

### Header Record (Record Type 01)

Description	Data Type	Size	End	Status	Remarks
Batch Number	Integer	8	8	M	
Record Type	Integer	2	10	M	"01" - Header
Branch Code	Character	6	16	O	Not used
SR BP ID	Character	8	24	M	
BP Role	Integer	2	26	M	04 always, as uploaded by RTA
Total DEMAT / Conversion of Units Accepted Positions	Decimal	18(15,3)	44	O	(15+3) 15 integer and 3 decimal places
Total DEMAT / Conversion of Units Rejected Positions	Decimal	18(15,3)	62	O	(15+3) 15 integer and 3 decimal places
Total REMAT/ Reconversion of Units into SOA Accepted Positions	Decimal	18(15,3)	80	O	(15+3) 15 integer and 3 decimal places
Total REMAT/ Reconversion of Units into SOA Rejected Positions	Decimal	18(15,3)	98	O	(15+3) 15 integer and 3 decimal places
Total Repurchase /Redemption Accepted Positions	Decimal	18(15,3)	116	O	(15+3) 15 integer and 3 decimal places
Total Repurchase/Redemption Rejected Positions	Decimal	18(15,3)	134	O	(15+3) 15 integer and 3 decimal places
Total No of Detail Records	Integer	7	141	M	Total number of Lines/records for record type "02" only.
Sender Date	Date	8	149	O	
User ID (Import)	Character	8	157	O	
Filler	Character	4	161	O	

**Detail Record (Record Type 02)**

Description	Data Type	Size	End	Status	Remarks
Batch Number	Integer	8	8	M	
Record Type	Integer	2	10	M	02 - Detail Record
Line Number	Integer	7	17	M	
Transaction type	Integer	3	20	M	Demat (801)/ Remat (802)/Repur (803) Conversion of Units (801)/ Reconversion of Units into SOA (802)/Redemption (803)
Transaction Flag	Character	1	21	M	'A' for all
DP ID	Character	8	29	M	
Original Order Reference No	Integer	14	43	M	DRN / RRN Number CRN - Conversion of Units RRN - Redemption
RRF / DRF Received Date CRF Received Date	Date	8	51	M	Should not be a future date
DEMAT / Conversion of Units / REMAT / Reconversion of Units into SOA /Repurchase/Redemption Accepted Quantity	Decimal	18(15,3)	69	O	Quantity=Sum (DN to - DN from+1)  (15+3) 15 integer and 3 decimal places
DEMAT / Conversion of Units / REMAT / Reconversion of Units into SOA /Repurchase/Redemption Rejected Quantity	Decimal	18(15,3)	87	O	(15+3) 15 integer and 3 decimal places
Lockin Reason Code	Integer	2	89	O	List given below
Lockin Release Date	Date	8	97	O	it should be future date
Internal Reference Number	Character	35	132	O	
Rejection Reason Code1	Integer	4	136	O	
Rejection Reason Code2	Integer	4	140	O	
Rejection Reason Code3	Integer	4	144	O	
Rejection Reason Code4	Integer	4	148	O	
Sender Reference Number 1	Character	50	198	O	
Sender Reference Number 2	Character	50	248	O	
Mutual Fund Indicator	Character	1	249	O	'M' or space. M for MF ISIN Space for other ISINs.
Final Confirmation Indicator	Character	1	250	O	'F' or Space Optional if "MF Indicator"='M' Blank if "MF Indicator"= space
Filler	Character	1	251	O	



### Detail Record (Record Type 03)

Description	Data Type	Size	End	Status	Remarks
Batch Number	Integer	8	8	M	
Record Type	Integer	2	10	M	03 - Detail Record (Only Applicable for Equity ISIN and Mutual Fund Indicator is " "). Multiple '03' allowed , to specify multiple ranges for each accepted quantity as mentioned in record type "02"
Line Number	Integer	7	17	M	
Transaction type	Integer	3	20	M	Demat (801)/ Remat (802)/Repurchase (803)
Transaction Flag	Character	1	21	M	'A' for all
DP ID	Character	8	29	M	
Original Order Reference No	Integer	14	43	M	DRN / RRN Number
DN From	Integer	18	61	M	There is no decimal places
DN To	Integer	18	79	M	There is no decimal places
DNR Quantity	Integer	18	97	M	DNR Quantity = DNR To - DNR From +1 and should be equal to quantity confirm in record type 02. There is no decimal places
Filler	Character	64	161	O	

### New Demat / Conversion/ Remat / Reconversion/ Repurchase Upload Confirmation Upload – RTA

- There is NO change in Header Record Format
- There is NO change in Detail record Type 02 Format
- There will be addition of Folio No, Certificate No and Reason For Accepting DRN fields in **Detail Record Type 03**. Details of it is highlighted in **YELLOW**

### Demat (801) /Remat (802) and Repurchase (803) Confirmation Upload

Record Type	Record Identifier	Record length	Remarks
Header	'01'	161	First record per file
Detail	'02'	251	Second record, multiple per file.

Detail	'03'	200	Optional - It will immediately follow record type "02" & applicable for accepted quantity.  One or more DN Ranges can be specified for each Accepted Quantity mentioned in record type "02".
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### Detail Record (Record Type 03)

Description	Data Type	Size	End	Status	Remarks
Batch Number	Integer	8	8	M	
Record Type	Integer	2	10	M	03 - Detail Record (Only Applicable for Equity ISIN and Mutual Fund Indicator is " "). Multiple '03' allowed , to specify multiple ranges for each accepted quantity as mentioned in record type "02"
Line Number	Integer	7	17	M	
Transaction type	Integer	3	20	M	Demat (801)/ Remat (802)/Repurchase (803)
Transaction Flag	Character	1	21	M	'A' for all
DP ID	Character	8	29	M	
Original Order Reference No	Integer	14	43	M	DRN / RRN Number
DN From	Integer	18	61	M	There is no decimal places
DN To	Integer	18	79	M	There is no decimal places
DNR Quantity	Integer	18	97	M	DNR Quantity = DNR To - DNR From +1 and should be equal to quantity confirm in record type 02. There is no decimal places
Folio No	Character	20	117	M	
Certificate No	Character	18	135	M	
Reason for Acceptance	Character	2	137	O / M	Mandatory where Client Name Mismatch indicator is "Y" Reason Code is specified in <b>Annexure 1</b> below
Remarks for Reason 'Others (Please specify)'	Character	50	187	O / M	Mandatory if Reason for Accepting is 'Others (Please specify)' DRN = 99 Else Optional
Filler	Character	13	200	O	

***Reason For Accepting Name Mismatch DRN (Annexure – 1)***

<b>Reason Code</b>	<b>Reason Description</b>
<b>01</b>	<b>Name change by Gazette Notification</b>
<b>02</b>	<b>Name change due to marriage</b>
<b>03</b>	<b>Aadhar Card</b>
<b>04</b>	<b>Passport</b>
<b>05</b>	<b>ROM Changes after upload of static database – Transmission</b>
<b>06</b>	<b>ROM Changes after upload of static database – Transposition</b>
<b>07</b>	<b>ROM Changes after upload of static database – Transfer</b>
<b>99</b>	<b>Others (Please specify)</b>

**\*\* Note: ROM – Register of Members**

## Out File Structure

### File Format

Record Type	Record Identifier	Record length	Remarks
Header	'01'	161	One (First) record per file
Detail	'02' and '03'	173	Second record onwards, multiple per file.

### Record Format

#### OUT file Format -Header

Description	Data Type	Size	End	Status	Remarks
Batch Number	Integer	8	8	M	
Record Type	Integer	2	10	M	Header Record (01)
Branch Code	Character	6	16	O	Default = Spaces
SR BP ID	Character	8	24	M	
BP Role	Integer	2	26	M	04 Always
Batch Acceptance Status	Character	1	27	M	A-Successful ,R- Failure
Total Demat Accepted Position	Decimal	18	45	O	
Total Demat Rejected Positions	Decimal	18	63	O	
Total Remat Accepted Positions	Decimal	18	81	O	
Total Remat Rejected Positions	Decimal	18	99	O	
Total Repurchase Accepted Positions	Decimal	18	117	O	
Total Repurchase Rejected Positions	Decimal	18	135	O	
Total No of Detail Records	Integer	7	142	O	
Current Business Date	Date	8	150	M	YYYYMMDD
User ID (Upload)	Character	8	158	O	
Filler	Character	3	161	O	

#### OUT file Format –Detail

Description	Data Type	Size	End	Status	Remarks
Batch Number	Integer	8	8	M	
Record Type	Integer	2	10	M	Record Type 02 Record Type 03
Line Number	Integer	7	17	M	
Transaction Type	Integer	3	20	M	Demat / Remat / Repurchase 801/802/803
Transaction Flag	Character	1	21	M	A' for all
Instruction ID	Integer	14	35	M	
Internal Reference Number	Character	35	70	O	

Sender Reference Number 1	Character	50	120	0	
Sender Reference Number 2	Character	50	170	0	
Filler	Character	3	173	0	For Future Use

**Note:**

- **Record Type 03 will appear only for Transaction Type 801**