Results of Balance and Transaction Reconciliation

Account Details

The following are reconciliation results of Account Number: **5491-00003011-MULT** for Statement ID: **100-01**

Basic Proofing

Basic proofing check passed, as the SWIFT data contains a statement id, header, and the SWIFT BIC codes for sender and reciever.

Balance Reconciliation

Balance Reconc: Account ID check passed
OPBD Balance is the same.
However there is a break in the data shown below:

	Account	Currency	Balance	AsOfDateTS	Type	Source	Difference
0	5491-00003011-MULT	SGD	12052345.27	2022-07-04T11:00:00+00:00	CLBD	Ledger	NaN
1	5491-00003011-MULT	SGD	15052345.27	2022-07-04	CLBD	SWIFT	3000000.0

Difference between the CLBD balance in SWIFT and Ledger (as in SWIFT-LEDGER) is 3000000.0

Transaction Reconciliation

Every entry passed the 1:1 matching, hence no breaks in 1:1 matching

Thus, there are breaks in 1:N and M:N matching shown in the table below.

The Enteries column corresponds to total enteries in the batch of that particular transaction entry in ledger and SWIFT data.

	Account	Balance	TotalAmount	Enteries	Type	MessageID	PaymentID	Difference
0	5491-00003011-MULT	1000000	11000000.0	11	Ledger	None	None	NaN
1	5491-00003011-MULT	1000000	10000000.0	10	SWIFT	FINP-0055/002	FINP-0055/002	-1000000.0
0	5491-00003011-MULT	2000000	12000000.0	6	Ledger	None	None	NaN
1	5491-00003011-MULT	2000000	10000000.0	5	SWIFT	FINP-0055/003	FINP-0055/003	-2000000.0

Total difference between SWIFT and Ledger Transcations (as in SWIFT-LEDGER) is -3000000.0

Analysis of Results

From the results it can be interpreted that there is a break in the swift and ledger data as seen through the matching algorithm. This break is consistent. The Ledger Closing Balance is $3,000,000 lower than SWIFT Closing Balance. As such, this is consistent as seen in the 1:N and M:N matching algorithm since the total difference between the breaks in SWIFT and Ledger is $-3,000,000. This implies that there are extra transactions in batch transations for the ledger as compared to SWIFT and this is evident in the inconsistency/break in the Enteries column in the table above, which explains why the ledger closing balance is $3000000 lower than SWIFT.