

Tranglo GloRemit Application Programming Interface (API)



Application Programming Interface

Version 2.7.3.10

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Table of Content

DOCUMENT HISTORY	3
GLOSSARY	5
SECTION 1 - OVERVIEW	7
1.0 BACKGROUND	7
1.1 SCOPE OF DOCUMENT	7
1.2 GLOREMIT INTEGRATION PROCEDURE	7
1.3 GLOREMIT CONCEPT OVERVIEW	8
1.4 GLOREMIT TECHNICAL OVERVIEW	9
SECTION 2 – GLOREMIT SOAP METHOD DESCRIPTION	11
2.1 SOAP METHOD: GET_VALIDATION	11
2.2 SOAP METHOD: DO_TRANSFER	13
2.3 SOAP METHOD: GET_FOREX	19
2.4 SOAP METHOD: GET_TrxSTATUS	20
2.5 SOAP METHOD: GET_BALANCE	22
2.6 SOAP METHOD: PING	22
2.7 SOAP METHOD: EXCEPTION NOTE	23
2.9 SOAP METHOD: DO_BILLINQUIRY	26
2.10 SOAP METHOD: DO_BILLPAYMENT	29
2.11 SOAP METHOD: GET_LIST	33
2.12 SOAP METHOD: GET_FOREXNEXTRATE	34
2.13 SOAP METHOD: CANCELLATION TRANSACTION (DO_CANCELLATION)	36
2.14 SOAP METHOD: GET_TrxFEE	38
2.15 SOAP METHOD: DO_CHANGEName	39
2.15 SOAP METHOD: GET_CHANGENameSTATUS	41
2.16 SOAP METHOD: GET_PAYOUTCODE	42
SECTION 3 – REQUEST AND RESPONSE CODE DESCRIPTION	44
3.1 BENEFICIARY ACCOUNT TYPE (BACCTYPE)	44
3.2 BENEFICIARY ISSUER CODE (BISSUERCODE)	44
3.3 SENDER IDENTIFICATION TYPE (SIDTYPE)	44
3.4 BENEFICIARY IDENTIFICATION TYPE (BIDTYPE)	45
3.5 TRANSACTION STATUS (VALIDATESTATUS AND TrxSTATUS)	45
3.6 PROVINCE CODE (BPROVINCECODE)	49
3.7 REGENCY CODE (BREGENCYCODE)	49
3.8 BANK BRANCH CODE (BANKBRANCHCODE)	49
3.8.1 How to find IFSC Code?	49
3.8.2 How to verify IFSC Code?	49
3.9 PURPOSE CODE LIST	49
3.10 SOURCE OF FUND	53
3.11 RELATIONSHIP	54
SECTION 4 – DIGITAL SIGNATURE AND NETWORK CONFIGURATION	55
4.1 VIRTUAL PRIVATE NETWORK (VPN)	55
4.2 FIXED IP ADDRESS	55
4.3 DIGITAL SIGNATURE	55
4.3.1 Establishment of Digital Signature	55
4.3.2 Required Message Components	56

SECTION 5 – TERM AND CONDITION	59
5.1 COMMUNICATION TIMEOUTS AND WAIT PERIODS.....	59
5.2 UNIQUE TRANSACTION ID	59
APPENDIX 1 – RECOMMENDATION ON THE FUNCTIONALITY	60
LEVEL 0 FLOW DIAGRAM.....	60
DO TRANSFER GENERAL (DT)	61
DO TRANSFER INDONESIA (DT_I)	63
DO TRANSFER CHINA (DT_C)	65
PARAMETER REQUIREMENT	67
GET_VALIDATION REQUEST FOR INDONESIA.....	67
GET_VALIDATION RESPONSE	68
Status 000.....	68
Status 104.....	68
Status other than 000 and 104.....	68
DO_TRANSFER INDONESIA	69
DO_TRANSFER INDONESIA RESPONSE	70
Request accepted	70
Request rejected	70
Get_TrxStatus Indonesia Request Parameters	71
Get_Trxstatus Indonesia Response Parameters	71
DO_TRANSFER CHINA	72
DO_TRANSFER CHINA REQUEST	72
DO_TRANSFER CHINA RESPONSE	73
Request accepted for processing	73
Rejected Request	73
Get_Trxstatus China Request Parameters	73
Get_Trxstatus China Response Parameters	74
Bank Transaction / Payment Card	74
DO_TRANSFER GENERAL REQUEST	75
DO_TRANSFER GENERAL RESPONSE	76
Request accepted for processing	76
Request Rejected	76
GET_TRXSTATUS GENERAL REQUEST PARAMETER.....	77
GET_TRXSTATUS GENERAL RESPONSE PARAMETER	77
Bank Transaction	77
Cash Pickup	77
APPENDIX 2 – ISSUER CODE LIST.....	79
APPENDIX 3 – BILLER CODE LIST	79
APPENDIX 4 – STAGING TEST ACCOUNTS AND SAMPLE MESSAGES	79
APPENDIX 5 – RECOMMENDED TEST CASES.....	79

GLOSSARY

Terms	Definition
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RSP / E-RSP (collectively as "Partners")	Remittance Service Provider or Electronic Money Remittance Service Provider
Sender	The person who request to transfer money or bill payments
Beneficiary	The person who accept and receive the money or billers
Billers	A service provider who charges customers a certain fee in return for good or services
Transaction	A complete end to end of a remittance or bill payment process where the outcome may be successful or failure as defined by this document
GloRemit Digital Signature	Hashed results + Key of the parameter value assigned by Tranglo and RSP for connecting to gloRemit platform
Method	GloRemit WSDL SOAP functional parameters or modules

SECTION 1 - OVERVIEW

1.0 Background

GloRemit is an international money transfer hub systems that allows MTO, RSP or E-RSP ("Partners") to perform remittance operations or bill payments from one country to another country. Partners shall comply with GloRemit API technical specification and development parameters to use GloRemit. With GloRemit, Partners can easily send money or pay bills to relevant Beneficiary or billers in supported country in real-time manners.

1.1 Scope of Document

3. Overview of GloRemit systems

1.2 GloRemit Integration Procedure

Partners need to clear a set of procedures and test before live transaction can be conducted. GloRemit will cooperate with Partners or E-Partners to complete the following defined tasks.

a. Technical/Commercial contact and system documentation

Partner's documentation with following details

- At least two (2) Technical person and two (2) Commercial person contact information
- Partners System specification
- Partners AMLA and KYC compliance/procedure

b. Computer infrastructure preparation and readiness

Partners should prepare adequate server, computers and equipment to connect to GloRemit for transaction. Partners / E-Partners shall fully bear the installation effort and cost of such equipment.

c. Network Infrastructure preparation and readiness

Partners must prepare internet connection and VPN link to GloRemit systems. Partners shall fully bear the installation effort and cost of such network link according to the standard defined by GloRemit.

d. Network link test

When server/equipment and network infrastructure is ready, a series of network connectivity, network latency and network uptime test will be carried out to ensure uninterrupted access link.

e. GloRemit Application Programming Interface (API) Development and Test

When Partners finished the API development integration, a 'dummy' test involving sender details, beneficiary details and verification process will be performed. GloRemit API uses secure HTTPS WSDL / SOAP method.

f. Evaluation of API / Application Test

Partners and Tranglo discuss and evaluate the result of Application test together. Based on the findings, Partners proceeds to fix and debug the error.

g. User Acceptance Test (UAT)

Tranglo and Partners jointly conduct an end-to-end test after all errors are fixed. If UAT is completed, Tranglo shall migrate Partners to GloRemit production systems.

h. Digital Signature in Production systems

Tranglo and Partners shall exchange a public/private key pairs to be used in respective production systems. The key is important to prove the identity of mutual systems. It shall follow the 3DES encryption and MD5 hashing method with yearly renewal. Please refer to Section 4.2 for more details.

i. GloRemit control panel training

Tranglo personnel shall train Partners personnel about the usage of GloRemit web-based monitoring tools and reporting. During training, Tranglo will also issue one (1) USER ID and Password to access GloRemit control panel and one (1) USER ID and Password for gloRemit Application Programming Interface (API).

j. Live transaction test

Both Tranglo and Partners conduct a live transaction involving actual Sender and Beneficiary. The test includes various successful and failed scenarios according to the pre-defined test script. If such test is cleared, Partners will be considered as Ready for Service (RFS)

k. Operational monitoring

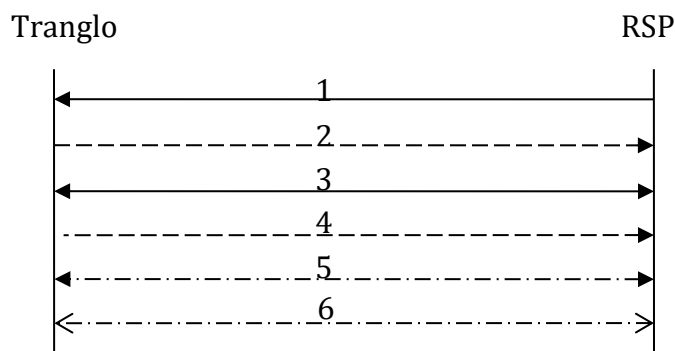
Tranglo team will monitor the live transaction for a period of up to 30 days. Both Tranglo and Partners team communicate and feedback each other if any irregularities happen during this period. If there is any technical error, Partners need to rectify within this Operational monitoring window. If there is any financial fraud or risk not properly addressed by Partners, Tranglo may suspend the service until the risk is mitigated.

1.3 GloRemit Concept Overview

- All Partners using the GloRemit API will be assigned with a Tranglo Partner e-wallet Account with USER ID and Password.

- Tranglo will accept Partners system request and deduct e-wallet for every successful remittance or bill payment operation. A successful remittance or bill payment means the fund and information is accepted by GloRemit AMLA/KYC policy and successfully sent from Sender Partner to the Beneficiary Partner or Banks within the agreed duration.
- Tranglo shall notify the transaction status either in asynchronous or synchronous manners dependent the Beneficiary Partner channel. All transaction is reconciled automatically with corresponding GloRemit Transaction Number (GTN).
- Transaction that failed to reconciled will be automatically be considered as a Dispute transaction
- Tranglo will not execute remittance operation if e-wallet falls below the agreed minimum threshold
- Partners are expected to top up the e-wallet when the balance falls below the agreed minimum threshold to ensure smooth operation and minimum disruption.

1.4 GloRemit Technical Overview



1. Partners will check the validity of a beneficiary account via SOAP method Get_Velocity (if applicable) or current forex rate via method Get_Forex
2. GloRemit reply Partners with the beneficiary account details (including account holder name) and its validity or the current applicable forex rates.
3. Partners confirm money transfer or bill payment transaction request via SOAP Method Do_Transfer or Do_BillPayment to Tranglo with the relevant parameters
4. Tranglo acknowledge Partners request and notify the confirmed transaction status within 180 seconds.
5. Partners can use Get_TrxStatus SOAP method to check transaction status if network timeout or other error occurs.
6. Partners can initiate server warm-up or keep-alive with SOAP Method Ping from time to time
 - Please note all the data sent to server **MUST** be properly URL Encoded.

- Partners must supply Tranglo Technical team with a **FIXED** IP address to allow access into the web service applications

Description	Details	Remark
Server IP	52.220.96.111 (Staging IP) -Production IP To be advised upon agreement	IP can only be accessed from approved IP list controlled by Firewall. Please contact Tranglo Technical for configuration
Server URL	http://staging-gloremmit.tranglo.com:2012/API_Service.asmx?wsdl https:// staging-gloremmit.tranglo.com:9003/API_Service.asmx - Production IP To be advised upon agreement	Please note the URL listening on port 2012
Server Port	HTTPS : Port 9003 / HTTP: Port 2012 (<i>staging only, optional</i>) - Production port to be advised upon agreement	
Web admin	<i>To Be advised</i>	
Protocol	HTTPS XML Web Services or HTTPS POST	

SECTION 2 – GLOREMIT SOAP METHOD DESCRIPTION

2.1 SOAP METHOD: Get_Validation

Partner use this method to do pre-check the validity of a Beneficiary account number. GloRemit will attempt to match the Beneficiary name with Account Issuer (such as Banks or Mobile Operator E-wallet) and Account Number. This validation shall ensure the minimal transaction rejection and failure rate due to wrong information or barred accounts. Some country may not support for bank account validity.

Indonesia, Cambodia, Pakistan, China Union Pay is available for validation.

Request Description

Parameter Name	Required	Min/Max Length	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP, see Section 4 for more info
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation, 3DES encrypted
transID	M	6/16	Alphanumeric	6 digits or more unique transaction ID from RSP
sIdType	M	1/30	Numeric	Sender Identification Type. Please refer to Section 3 for full list
sIdNum	M	8/16	Alphanumeric	Sender Identification Number.
sFirstName	M	1/100	Alphanumeric	Sender's first name(max 100 characters)
sLastName	M	1/100	Alphanumeric	Sender's last name (max 100 characters)
bFirstName	M	1/100	Alphanumeric	Beneficiary first name
bLastName	M	1/100	Alphanumeric	Beneficiary last name
bCountry	M	2/5	Alphanumeric	Beneficiary's country code. Beneficiary's country code will determine the default currency Accept ISO 3166-1 Alpha-2 ONLY
bAccType	M	1/30	Numeric	Beneficiary Account Type. Please refer to Section 3
bIssuerCode	M	3/16	Alphanumeric	Beneficiary Account Issuer Code, such as banks, e-wallet operator or mobile operators. Please refer to Appendix 1

bAccNum	M	1/18	Alphanumeric	Beneficiary Issuer Account Number or any other unique account identifier as determined by issuer
trxValue	M	1/16	Numeric	Total Amount is sent according to Beneficiary currency. It can be specified with any amount. Please refer to Section 2.7 for exception note

Response Description

GloRemit server will return a XML format with response code when RSP request is accepted.

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
    <ValidateStatus>Status</ValidateStatus>
    <transID>Transaction ID</transID>
    <BeneficiaryName>BeneficiaryName</BeneficiaryName>
    <Description>Description</Description>
</string>
```

Parameter Name	Required	Type	Remark
ValidateStatus	M	Numeric	Transaction request status response code. Please see Section 3.5 for full records.
transID	M	Alphanumeric	Unique Transaction ID from RSP
Description	M	Alphanumeric	Transaction description or advice
BeneficiaryName	M	Alphanumeric	The account holder name (Beneficiary) as returned by account issuer

M= Mandatory
C= Conditional
O= Optional

2.2 SOAP METHOD: Do_Transfer

Partners use this method to initiate and confirm the fund transfer operation via GloRemit. The method is non-reversible and committed in real-time. Whenever applicable, Partners should use Get_Validation to check and confirm the validity of a Beneficiary account before using this method to ensure highest success rate.

Do_Transfer would always return “968-Transaction Pending” if the transaction is accepted. Partners are required to call Get_TrxStatus (please refer to section 2.4) to retrieve the final status of the sent transaction. Normally it will take a few seconds to process and finalize a transaction’s status.

Request Description

Parameter Name	Req uir ed	Min / Max Length	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
UIDBranch	O	1/16	Numeric	RSP branch identifier. If no branch ID, value as NULL
transID	M	6/64	Alphanumeric	6 digits or more unique transaction ID from RSP on 7 day basis. Duplicated ID within the last 7 calendar days (GMT +8 timezone) will be declined.
sFirstName	M	1/100	Alphanumeric	Sender’s first name
sLastName	M	1/100	Alphanumeric	Sender’s last name
sIdType	M	1/30	Numeric	Sender Identification Type. <i>(Please refer to Section 3.3)</i>
sIdNum	M	8/50	Alphanumeric	Sender Identification Number.
sIdExpiry	C	10/10	String	Sender ID Expiry Date Date Format: MM/DD/YYYY DD/MM/YYYY D/M/YYYY M/D/YYYY YYYY/M/D

Parameter Name	Req uir ed	Min / Max Length	Type	Remark
				YYYY/MM/DD
sContactNum	O	8/30	Numeric	Sender Contact Number. Please specify in Country code + MSISDN format. For e.g. Indonesia = 628123456789. <i>(Please refer to Section 2.7 for exception note)</i>
sOccupation	O	1/50	Alphanumeric	Sender Occupation.
sFundSource	M	1/50	Alphanumeric	Sender's source of fund. Refer to the list at 3.10
sBirthDate	M	10/10	Alphanumeric	Sender's Birth date Date Format: MM/DD/YYYY DD/MM/YYYY D/M/YYYY M/D/YYYY YYYY/M/D YYYY/MM/DD
sEmail	O	1/50	Alphanumeric	Sender email address.
sAddress	O	2/50	Alphanumeric	Sender's Address. <i>(Simplify Address is acceptable Eg. Hotel Name, City,Country)</i>
sCity	O	2/30	Alphanumeric	Sender's resident city
sPostCode	O	1/50	Numeric	Sender's address postcode
sCountry	M	2/5	Alphanumeric	Sender's Nationality. <i>Accept ISO 3166-1 Alpha-2 or Alpha-3 ONLY</i>
sCurrency	M	3/6	Alphanumeric	RSP Currency Code as per RSP GSVA Wallet. Do not send as Sender currency Please refer to ISO 4217 Currency Code.
bCountry	M	2/5	Alphanumeric	Beneficiary's Country. <i>(Country value serves as identity purpose only. It has no impact on Sender or Beneficiary currency used.)</i> <i>Accept ISO 3166-1 Alpha-2 ONLY</i>
bCurrency	M	3/6	Alphanumeric	Beneficiary's Currency Code. Please refer to ISO 4217 Currency Code.

Parameter Name	Req uir ed	Min / Max Length	Type	Remark
FR Key	O	16/25	Alphanumeric	For Future Use
sAmount	O	1/16	Numeric	Sender Amount from RSP based on sCurrency.
trxValue	M	1/16	Numeric	Total Amount. Please specify the total amount to send denominated in bCurrency. Please refer to Section 2.7 for exception note
bFirstName	M	1/100	Alphanumeric	Beneficiary's first name * If Credit to China Bank Account, FirstName is Given name. Best practice, if name is in Chinese, put all characters in bFirstName field and leave bLastName empty. If the name submitted in Roman Character (E.G. English), system will send a SMS to the beneficiary to enter the name according to the bank system.
bLastName	C	1/100	Alphanumeric	Beneficiary's last name * If Credit to China Bank Account, LastName is the Sur name Best practice, if name is in Chinese, put all characters in bFirstName field and leave bLastName empty. If the name submitted in Roman Character (E.G. English), system will send a SMS to the beneficiary to enter the name according to the bank system.
bAccType	M	1/30	Numeric	Beneficiary Account Type. (Please refer to Section 3.1)
bIssuerCode	M	3/16	Alphanumeric	Beneficiary Account Issuer Code, such as banks, e-wallet operator or mobile operators. (Please refer to Section 3.2)
BankProvince	O	1/100	Alphanumeric	Bank located province
BankCity	O	1/100	Alphanumeric	Bank located city * Reserve for future purpose
BankBranchName	O	1/100	Alphanumeric	Reserve for future purpose
BankBranchCode	C	1/100	Alphanumeric	Bank Branch Code or IFSC code

Parameter Name	Required	Min / Max Length	Type	Remark
				<i>* If and only if Credit to Australia, Bangladesh, India and Japan Bank Account Please refer to external document "GloRemit API Code List x.xlsx"</i>
bAccNum	M	1/45	Alphanumeric	Beneficiary Account Number or any other unique account identifier as determined by Beneficiary issuer Optional when bAccType = 5 (Cash Pickup)
bIdType	C	1/30	Alphanumeric	Beneficiary Identification Type. <i>(Please refer to Section 3.4)</i>
bIdNum	C	1/30	Alphanumeric	Beneficiary Identification Number
bContactNum	C	1/50	Numeric	Beneficiary's contact number. Please specify in Country code + MSISDN format. For e.g. Indonesia = 628123456789 Tranglo will send SMS for bAccType=5
Relationship	M	1/30	Numeric	Beneficiary and Sender Relationship.
bAddress	C	1/50	Alphanumeric	Beneficiary's address Required if bAccType=9
bCity	O	1/50	Alphanumeric	Beneficiary's resident city
bPostCode	O	1/50	Numeric	Beneficiary address postcode
bEmail	O	1/50	Alphanumeric	Beneficiary's email address
bProvinceCode	C	1/50	Alphanumeric	Beneficiary's province code Required for PT POS Cash Pickup Transactions <i>(Please refer to Section 3.6)</i>
bRegencyCode	C	1/50	Alphanumeric	Beneficiary's regency city code Required for PT POS Cash Pickup Transaction <i>(Please refer to Section 3.7)</i>
bPayoutID	C	1/16	Alphanumeric	Beneficiary's payout ID or cash pick up code <i>To submit the earlier Get_Payoutcode result</i>

Parameter Name	Req uir ed	Min / Max Length	Type	Remark
bPayoutPIN	C	1/30	Alphanumeric	Beneficiary's payout PIN or cash pick up password <i>To submit the earlier Get_Payoutcode result</i>
bPurposeCode	M	1/5	Numeric	Purpose of the Transaction <i>(Please refer to section 3.9)</i>
bNationality	O	2/5	Alphanumeric	Beneficiary's Nationality <i>Accept ISO 3166-1 Alpha-2 or Alpha-3 ONLY</i>
bBirthDate	O	8/10	Alphanumeric	Beneficiary's Birth Date Date Format: MM/DD/YYYY DD/MM/YYYY D/M/YYYY M/D/YYYY YYYY/M/D/ YYYY/MM/DD
sOriginCountry	O	2/2	Alphanumeric	Origin Country of the transaction initiated <i>Accept ISO 3166-1 Alpha-2 or Alpha-3 ONLY</i>

Response Description

GloRemit server will return a XML format with response code and GTN transaction number when RSP request is accepted.

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
  <TrxStatus>Status</TrxStatus>
  <GTN>Code</GTN>
  <transID>Transaction ID</transID>
  <PayoutPIN>Payout Pin</PayoutPIN>
  <Description>Description</Description>
  <LastBal>Balance Value</LastBal>
  <CurrRate>Currency Rate</CurrRate>
</string>
```

Parameter Name	Required	Type	Remark
----------------	----------	------	--------

TrxStatus	M	Numeric	Transaction status response code. Please see Section 3.5 for full description
GTN	M	Alphanumeric	Transaction GTN number (14characters)
transID	M	Alphanumeric	Unique Transaction ID from RSP
PayoutPIN	O	Alphanumeric	Payout PIN from cash out supplier
Description	M	Alphanumeric	Transaction description or advice
LastBal	M	Numeric	The latest balance of RSP e-wallet
CurrRate	M	Numeric	The transaction currency rate

M= Mandatory
 C= Conditional
 O= Optional

2.3 SOAP METHOD: Get_Forex

RSP can use this method to retrieve the GloRemit quoted forex rate.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
CurrFrom	M	3/6	Alphanumeric	ISO 4217 Currency Code (Sell)
CurrTo	M	3/6	Alphanumeric	ISO 4217 Currency Code (Buy)

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns=http://tempuri.org/>
    <CurrencyCodeFrom>ISO4217 Code</CurrencyCodeFrom>
    <CurrencyCodeTo>ISO4217 Code </CurrencyCodeTo>
    <CurrencyToken>0x230E6A0303AB5A233619C2C45</CurrencyToken>
    <CurrencyRate>Value</CurrencyRate>
</string>
```

Parameter Name	Required	Type	Remark
CurrFrom	M	Alphanumeric	Currency code according to ISO 4217
CurrTo	M	Alphanumeric	Currency code according to ISO 4217
FR_Key	O	Alphanumeric	For Future Purpose
CurrRate	M	Numeric	The exchange rate according to currency pair, up to 4 decimal points

M= Mandatory

C= Conditional

O= Optional

2.4 SOAP METHOD: Get_TrxStatus

RSP can use this method to check and confirm the transaction status if such status is not conclusive in method 2.2 response

Request Description

Parameter Name	Required	Min / Max length	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
GTN	C	14/16	Numeric	14-character GTN number from GloRemit. <i>This field can be NULL if TransID value is submitted.</i>
transID	C	6/16	Alphanumeric	Unique transaction ID used by RSP in Do_Transfer method. <i>This field can be NULL if GTN value is submitted.</i>

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
  <TrxStatus>Status</TrxStatus>
  <GTN>Code</GTN>
  <transID>Transaction ID</transID>
  <Description>Description</Description>
  <PayoutID>Cash Pickup Payout ID</PayoutID>
  <PayoutPIN>Cash Pickup Payout PIN</PayoutPIN>
  <PayoutStatus>Cash Pickup Payout Status</PayoutStatus>
</string>
```

Parameter Name	Required	Type	Remark
TrxStatus	M	Numeric	Transaction status response code. Please see Section 3 for full description

GTN	M	Numeric	14-character GTN number
transID	M	Alphanumeric	Unique Transaction ID from RSP
Description	M	Alphanumeric	Transaction description or advice
PayoutID	O	Alphanumeric	Payout ID from cash out supplier
PayoutPIN	O	Alphanumeric	Payout PIN from cash out supplier
PayoutStatus	O	Alphanumeric	Cash Pickup Payout Status Claimed = Cash collected by Beneficiary Inprocess = Pending Beneficiary to pickup Cancelled = Transaction has been cancelled If Credit to Bank transaction type, this will be empty. For PT Pos (Indonesia), status will be empty, RSP may check at PT Pos portal http://www.posindonesia.co.id/
PayoutDateTime	O	DateTime	Payout datetime

M= Mandatory

C= Conditional

O= Optional

2.5 SOAP METHOD: Get_Balance

RSP can use this method to check e-wallet balance.

Request Description

Parameter Name	Required	Min / Max length	Type	Remark
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/"
    <LastBal>Balance Value</LastBal>
</string>
```

Parameter Name	Required	Type	Remark
Balance Value	M	Numeric	The latest balance of RSP e-wallet

M= Mandatory

C= Conditional

O= Optional

2.6 SOAP METHOD: Ping

To ensure optimal response time from the Web Service SOAP, Partner can invoke Ping method from time to time for the purpose of server 'warm-up' or keep-alive purpose.

PING method has no parameter

SOAP RESPONSE: The server will response with a value of 1 if server is alive and running

Notes for Integration in Staging Environment

- *All requests to staging server is considered as 'dummy' transaction. No actual fund transaction will be performed although the response is successful*
- *Partner should only test for the available country and account type quoted in the commercial proposal*
- *All request to Get_TrxStatus will be returned with 909 (server busy)*

2.7 SOAP METHOD: Exception Note

Please note the following exception according to Country and Beneficiary Account Type

Limit Per Transaction- Refer to service specification.

Note:

- Maximum accumulated value is per beneficiary bank account (determined by issuer code and account number)
- For RSP operating in Malaysia, maximum accumulated value is MYR 50,000 per sender (determined by sender ID type & ID number)
- Transaction Amount for China must be round number, no cents

2.8 SOAP METHOD: Get_Watchlist

Partner use this method to do watch list check via GloRemit system. The list contains the names, identification details, possible used addresses, and other supporting information regarding about the possible suspects around the world involved in terrorism, money laundering and various other criminal activities.

The GloRemit has further enhanced to AMLA (Anti-Money Laundering), ATFA (Anti-Terrorism Financing) and Security features. This will able to help to prompt/notify/warn Partners the send transaction ever process any suspected person in the watch list. Partners will able to carry out better and more stringent KYC measures which this feature.

Request Description

Parameter Name	Required	Min/Max Length	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP, see Section 4 for more info
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation, 3DES encrypted
UIDBranch	O	1/16	Numeric	RSP branch identifier. If no branch ID, value as NULL
FirstName	O	1/300	Alphanumeric	FirstName
LastName	O	1/300	Alphanumeric	Last Name
pNationality	O	1/100	Alphanumeric	Nationality <i>Accept ISO 3166-1 Alpha-2 or Alpha-3 ONLY</i>
pPassportNo	O	1/1000	Alphanumeric	Passport No.

Response Description

GloRemit server will return a XML format with response code when RSP request is accepted.

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
  <Status>Status</Status>
  <Name>Name</Name>
  <Description>Description</Description>
</string>
```


Parameter Name	Required	Type	Remark
Status	M	Numeric	Status Code
Name	M	String	Watchlist Full name
Description	M	String	Response Description

2.9 SOAP METHOD: Do_BillInquiry

Partner use this method to retrieve information of a bill account. This method is limited only to certain billers (*Please refer to Appendix 2*). By providing the bill account number together with the biller code, GloRemit will return the information such as account name, amount due and other relevant information. However the availability of the information is dependent on the biller's response.

Request Description

Parameter Name	Required	Min/Max Length	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP, see Section 4 for more info
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation, 3DES encrypted
transID	M	6/16	Alphanumeric	6 digits or more unique transaction ID from RSP
sFirstName	M	1/100	Alphanumeric	Sender's first name (<i>max 100 characters</i>)
sLastName	M	1/100	Alphanumeric	Sender's last name (<i>max 100 characters</i>)
sIdType	O	1/30	Numeric	Sender Identification Type. Please refer to Section 3 for full list
sIdNum	O	8/16	Alphanumeric	Sender Identification Number.
bCountry	M	2/5	Alphanumeric	Bill country code. (<i>Accept ISO 3166-1 Alpha-2 ONLY</i>)
bCurrency	M	3/6	Alphanumeric	Bill Currency Code. (<i>Please refer to ISO 4217 Currency Code</i>)
bAmount	M	1/16	Numeric	Total amount to pay for the bill. <i>Please refer to Section 2.7 for exception note</i>
bIssuerCode	M	3/16	Alphanumeric	Biller Issuer Code (<i>Please refer to Appendix 2</i>)
bAccNum	M	1/18	Alphanumeric	Bill Account Number or any other unique account identifier as determined by biller

Response Description

GloRemit server will return a XML format with response code when RSP request is accepted.

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">

    <InquiryStatus>Status</InquiryStatus>
    <transID>Transaction ID</transID>
    <Description>Description</Description>
    <AccountName>BillAccount Name</AccountName>
    <StatementDate>BillStatement Date</StatementDate>
    <DueDate>BillStatement Due Date</DueDate>
    <Amount>BillStatement Amount</Amount>
    <BillType>Bill Type</BillType>
    <CustomInfo1>Custom Info 1</CustomInfo1>
    <CustomInfo2>Custom Info 2</CustomInfo2>
    <CustomInfo3>Custom Info 3</CustomInfo3>
    <CustomInfo4>Custom Info 4</CustomInfo4>
    <CustomInfo5>Custom Info 5</CustomInfo5>
    <CustomInfo6>Custom Info 6</CustomInfo6>
    <CustomInfo7>Custom Info 7</CustomInfo7>
    <CustomInfo8>Custom Info 8</CustomInfo8>
    <CustomInfo9>Custom Info 9</CustomInfo9>
    <CustomInfo10>Custom Info 10</CustomInfo10>
</string>
```

Parameter Name	Required	Type	Remark
InquiryStatus	M	Numeric	Transaction request status response code. Please see Section 3.5 for full records.
transID	M	Alphanumeric	Unique Transaction ID from RSP
Description	M	Alphanumeric	Transaction description or advice
AccountName	O	Alphanumeric	The bill account holder name as returned by account issuer/biller
StatementDate	O	Alphanumeric	Bill Statement Date Date Format: MM/dd/YYYY
DueDate	O	Alphanumeric	Bill Statement Due Date Date Format: MM/dd/YYYY
Amount	O	Alphanumeric	Bill Statement Amount in bCurrency
bBillType	O	Alphanumeric	Bill Type (Please refer to Appendix 2)

CustomInfo1	0	Alphanumeric	Bill Custom Information 1 <i>(Please refer to Appendix 2)</i>
CustomInfo2	0	Alphanumeric	Bill Custom Information 2 <i>(Please refer to Appendix 2)</i>
CustomInfo3	0	Alphanumeric	Bill Custom Information 3 <i>(Please refer to Appendix 2)</i>
CustomInfo4	0	Alphanumeric	Bill Custom Information 4 <i>(Please refer to Appendix 2)</i>
CustomInfo5	0	Alphanumeric	Bill Custom Information 5 <i>(Please refer to Appendix 2)</i>
CustomInfo6	0	Alphanumeric	Bill Custom Information 6 <i>(Please refer to Appendix 2)</i>
CustomInfo7	0	Alphanumeric	Bill Custom Information 7 <i>(Please refer to Appendix 2)</i>
CustomInfo8	0	Alphanumeric	Bill Custom Information 8 <i>(Please refer to Appendix 2)</i>
CustomInfo9	0	Alphanumeric	Bill Custom Information 9 <i>(Please refer to Appendix 2)</i>
CustomInfo10	0	Alphanumeric	Bill Custom Information 10 <i>(Please refer to Appendix 2)</i>

2.10 SOAP METHOD: Do_BillPayment

Partners use this method to initiate and confirm the bill payment operation via GloRemit. The method is non-reversible and committed in real-time. Whenever applicable, Partners should use Do_BillInquiry (See section 2.9) to retrieve bill information before using this method to ensure highest success rate. As different billers may have additional information requirements, Partners may have to send additional information in the form of CustomInfo, please refer to Appendix 2 for complete list.

Request Description

Parameter Name	Required	Min / Max Length	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
UIDBranch	O	1/16	Numeric	RSP branch identifier. If no branch ID, value as NULL
transID	M	6/16	Alphanumeric	6 digits or more unique transaction ID from RSP on 7 day basis. Duplicated ID within 7 calendar days (GMT +8 timezone) will be declined.
sFirstName	M	1/100	Alphanumeric	Sender's first name
sLastName	M	1/100	Alphanumeric	Sender's last name
sIdType	O	1/30	Numeric	Sender Identification Type. <i>(Please refer to Section 3.3)</i>
sIdNum	O	8/50	Alphanumeric	Sender Identification Number.
sIdExpiry	O	10/10	String	Sender ID Expiry Date Date Format:MM/dd/YYYY
sContactNum	O	8/30	Numeric	Sender Contact Number. Please specify in Country code + MSISDN format. For e.g. Indonesia = 628123456789.
sEmail	O	1/50	Alphanumeric	Sender email address.

Parameter Name	Required	Min / Max Length	Type	Remark
sCountry	M	2/5	Alphanumeric	Sender's Country. (Country value serves as identity purpose only. It has no impact on Sender or Beneficiary currency used.) Accept ISO 3166-1 Alpha-2 or Alpha-3 ONLY
sCurrency	M	3/6	Alphanumeric	RSP Currency Code as per RSP GSVA Wallet. Do not send as Sender currency Please refer to ISO 4217 Currency Code.
bCountry	M	2/5	Alphanumeric	Biller's Country. Accept ISO 3166-1 Alpha-2 ONLY
bCurrency	M	3/6	Alphanumeric	Bill Currency Code. Please refer to ISO 4217 Currency Code.
bAmount	M	1/16	Numeric	Total amount to pay for the bill. Please refer to Section 2.7 for exception note
bIssuerCode	M	3/16	Alphanumeric	Biller Issuer Code (Please refer to Appendix 2)
bAccNum	M	1/18	Alphanumeric	Bill Account Number or any other unique account identifier as determined by biller
bBillNum	O	1/50	Alphanumeric	Bill Number
bAccName	M	1/30	Alphanumeric	Bill AccountName
bStatementDate	O	10/10	Alphanumeric	Statement Date Date Format: MM/dd/YYYY (if no information is available, enter default value as current date)
bDueDate	O	10/10	Alphanumeric	Statement Due Date Date Format: MM/dd/YYYY (if no information is available, enter default value as current date)
bBillType	O	1/50	Alphanumeric	Bill Type (Please refer to Appendix 2)

Parameter Name	Required	Min / Max Length	Type	Remark
bCustomInfo1	0	1/50	Alphanumeric	Bill Custom Information 1 <i>(Please refer to Appendix 2)</i>
bCustomInfo2	0	1/50	Alphanumeric	Bill Custom Information 2 <i>(Please refer to Appendix 2)</i>
bCustomInfo3	0	1/50	Alphanumeric	Bill Custom Information 3 <i>(Please refer to Appendix 2)</i>
bCustomInfo4	0	1/50	Alphanumeric	Bill Custom Information 4 <i>(Please refer to Appendix 2)</i>
bCustomInfo5	0	1/50	Alphanumeric	Bill Custom Information 5 <i>(Please refer to Appendix 2)</i>
bCustomInfo6	0	1/50	Alphanumeric	Bill Custom Information 6 <i>(Please refer to Appendix 2)</i>
bCustomInfo7	0	1/50	Alphanumeric	Bill Custom Information 7 <i>(Please refer to Appendix 2)</i>
bCustomInfo8	0	1/50	Alphanumeric	Bill Custom Information 8 <i>(Please refer to Appendix 2)</i>
bCustomInfo9	0	1/50	Alphanumeric	Bill Custom Information 9 <i>(Please refer to Appendix 2)</i>
bCustomInfo10	0	1/50	Alphanumeric	Bill Custom Information 10 <i>(Please refer to Appendix 2)</i>

Response Description

GloRemit server will return a XML format with response code and GTN transaction number when RSP request is accepted.

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
  <TrxStatus>Status</TrxStatus>
  <GTN>Code</GTN>
  <transID>Transaction ID</transID>
  <Description>Description</Description>
  <LastBal>Balance Value</LastBal>
  <CurrRate>Currency Rate</CurrRate>
</string>
```

Parameter Name	Required	Type	Remark
TrxStatus	M	Numeric	Transaction status response code. Please see Section 3.5 for full description

GTN	M	Alphanumeric	Transaction GTN number (14 digit)
transID	M	Alphanumeric	Unique Transaction ID from RSP
Description	M	Alphanumeric	Transaction description or advice
LastBal	M	Numeric	The latest balance of RSP e-wallet
CurrRate	M	Numeric	The transaction currency rate

2.11 SOAP METHOD: Get_List

RSP can use this method to get list of the supported banks, cash pickup companies, billers, provinces and regencies.

Request Description

Parameter Name	Required	Min / Max length	Type	Remark
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
ListName	M	1/50	Alphanumeric	Supported List Names are:- <ul style="list-style-type: none"> - BANK - CASH_PICKUP - BILLER - PROVINCE - REGENCY - Ewallet - Bank_SKN - Payment_Card - Home_Delivery - Real_Time_Transfer

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
  <List>List of the supported items</List>
</string>
```

Parameter Name	Required	Type	Remark
List	M	Alphanumeric	List of the supported items. Each item is separated by a comma (,) and each item is delimited into 3 parts by a vertical bar (). For e.g.:- ID 002 BANK RAKYAT INDONESIA, ID 008 BANK MANDIRI, ID 009 BANK NEGARA INDONESIA 1st part = Country Code

			2nd part = Code (issuer code, biller code, province code, regency code, etc) 3rd part = Name/Description
--	--	--	---

2.12 SOAP METHOD: Get_ForexNextRate

RSP can use this method to retrieve the GloRemit scheduled next rate with the effective date time when the new rate will apply.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
CurrFrom	M	3/6	Alphanumeric	ISO 4217 Currency Code (Sell)
CurrTo	M	3/6	Alphanumeric	ISO 4217 Currency Code (Buy)

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns=http://tempuri.org/>
    <CurrencyCodeFrom>ISO4217 Code</CurrencyCodeFrom>
    <CurrencyCodeTo>ISO4217 Code</CurrencyCodeTo>
    <CurrencyRate>Value</CurrencyRate>
    <EffectiveDateTime>Value</EffectiveDateTime>
</string>
```

Parameter Name	Required	Type	Remark
CurrFrom	M	Alphanumeric	Currency code according to ISO 4217
CurrTo	M	Alphanumeric	Currency code according to ISO 4217

CurrRate	M	Numeric	The exchange rate according to currency pair, up to 4 decimal points
EffectiveDateTime	M	Alphanumeric	Effective Date Time Date Format: MM/dd/YYYY HH:MM

2.13 SOAP METHOD: Cancellation Transaction (Do_Cancellation)

RSP can use this method for cancel the transaction. Cancellation request will be based on the transaction status and corridors. For cash pickup transaction, only transaction with the payout status "In Process" or "Unclaim" is able to be cancel. For banks transactions, the cancelation is strictly based on the banks and country regulations.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
trangloTransactionId	M	3/6	Alphanumeric	Transaction GTN number (14 characters)
transID	C	3/6	Alphanumeric	Unique transaction ID used by RSP in Cancellation method.

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
    <TrxStatus>Status</TrxStatus>
    <CancelID>CODE</CancelID>
    <Description>Description</Description>
    <RequestID>RSP_RequestID</RequestID>
</string>
```

Parameter Name	Required	Type	Remark
TrxStatus	M	Numeric	Transaction status response code. Please see Section 3.6 for full description
CancelID	M	AlphaNumeric	14-character cancellation ID
Description	M	Alphanumeric	Transaction description or advice

transID	M	AlphaNumeric	Unique Transaction ID from RSP
----------------	---	--------------	---------------------------------------

2.13 SOAP METHOD: Cancellation Request Status Inquiry (Get_CancellationStatus)

RSP can use this method for inquire the status of the cancellation request.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
Cancellation ID	M	14/14	Alphanumeric	14-character cancellation ID
RSP_RequestID	C	3/6	Alphanumeric	Unique transaction ID used by RSP in Do_Transfer method.

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
  <TrxStatus>Status</TrxStatus>
  <CancellationID>CODE</CancellationID>
  <Description>Description</Description>
  <RequestID>RSP_RequestID</RequestID>
  <Status_Update>Timestamp</Status_Update>
</string>
```

Parameter Name	Required	Type	Remark
TrxStatus	M	Numeric	Transaction status response code. Please see Section 3.6 for full description
CancellationID	M	AlphaNumeric	14-character cancellation ID
Description	M	Alphanumeric	Transaction description or advice
transID	M	AlphaNumeric	Unique Transaction ID from RSP

Status_Update	M	TimeStamp	Timestamp on the status updated (YYYY-MM-DD HH:MM:SS)
----------------------	---	-----------	--

2.14 SOAP METHOD: Get_TrxFee

RSP can use this method to get fee that will be deduct for each transaction base on various currency and transaction amount.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
bAccType	M	1/30	Numeric	Beneficiary Account Type. <i>(Please refer to Section 3.1)</i>
currFrom	M	3/6	Alphanumeric	ISO 4217 Currency Code (Sell)
currTo	M	3/6	Alphanumeric	ISO 4217 Currency Code (Buy)
trxValue	M	1/16	Numeric	Total Amount is sent according to Beneficiary currency. It can be specified with any amount. Please refer to Section 2.7 for exception note

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
<CurrencyCode>CurrencyCode</CurrencyCode>
<TrxFee>TrxFee</TrxFee>
<Status>Status</Status>
<Description>Description</Description>
</string>
```

Parameter Name	Required	Type	Remark
----------------	----------	------	--------

CurrencyCode	M	Alphanumeric	Wallet currency will be deduct
TrxFee	M	AlphaNumeric	Fee amount will be deduct
Status	M	Numeric	Transaction status response code. Please see Section 3.5 for full description
Description	M	Alphanumeric	Transaction description or advice

2.15 SOAP METHOD: Do_ChangeName

RSP can use this method to request amendment on beneficiary name. Amendment request will be based on the transaction status and corridors. For cash pickup transaction, only transaction with the payout status "In Process" or "Unclaim" is able to be amend. For banks transactions, the amendment is strictly based on the banks and country regulations.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
transID	C	3/6	Alphanumeric	Unique transaction ID used by RSP in Cancellation method.
trangloTransactionId	M	3/6	Alphanumeric	Transaction GTN number (14 characters)
beneFirstName	M	1/50	Alphanumeric	New beneficiary first name
beneLastName	M	1/50	Alphanumeric	New beneficiary last name

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<string xmlns="http://tempuri.org/">
<TrxStatus>TrxStatus</TrxStatus>
<ChangeId>ChangeID</ChangeId>
<transID>transID</transID>
<Description>Description</Description>
</string>
```

Parameter Name	Required	Type	Remark
TrxStatus	M	Numeric	Transaction status response code. Please see Section 3.6 for full description
ChangeID	M	AlphaNumeric	14-character cancellation ID
transID	M	AlphaNumeric	Unique Transaction ID from RSP
Description	M	Alphanumeric	Transaction description or advice

2.15 SOAP METHOD: Get_ChangeNameStatus

RSP can use this method for inquire the status of the amendment request request.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
changeID	M	14/14	Alphanumeric	14-character change ID

Response Description

```
<?xml version="1.0" encoding="utf-8"?>
<string xmlns="http://tempuri.org/">
<TrxStatus>TrxStatus</TrxStatus>
<ChangeId>ChangeID</ChangeId>
<transID>TransID</transID>
<StatusUpdated>StatusUpdated</StatusUpdated>
<Description>Description</Description>
</string>
```

Parameter Name	Required	Type	Remark
TrxStatus	M	Numeric	Transaction status response code. Please see Section 3.6 for full description
ChangeID	M	AlphaNumeric	14-character change ID
transID	M	AlphaNumeric	Unique Transaction ID from RSP
Status_Update	M	TimeStamp	Timestamp on the status updated (YYYY-MM-DD HH:MM:SS)
Description	M	Alphanumeric	Transaction description or advice

2.16 SOAP METHOD: Get_PayoutCode

RSP can use this method to acquire a maximum of 100 Payout code as for Cash Pickup Transactions for India and Philippines.

Request Description

Parameter Name	Required	Min.Max	Type	Remark
UID	M	5/50	Alphanumeric	Username for validation
PWD	M	5/50	Alphanumeric	Password for validation
rspSign	M	32/50	Alphanumeric	Digital signature of RSP
requestId	M	1/50	Alphanumeric	14-character request ID for Payout code
countryCode	M	2/2	Text	ISO country Code. - IN for India - PH for Philippines
preBookQty	M	1/3	Numeric	Numbers of payout code to be request. Maximum of 100 on all time request. If first request 50 payoutcodes, the second request, request for 60 payoutcodes, system will only return 50 payoutcodes.

Response Description

```

<RequestId>001</RequestId>
<CountryCode>PH</CountryCode>
<Status>000</Status>
<Description>Transaction is Successful</Description>
<PayoutCode>
  <Code>P331701041437</Code>
</PayoutCode>

```

Parameter Name	Required	Type	Remark
RequestId	M	Numeric	RequestID for the payoutcode request

CountryCode	M	Text	ISO Country code for the Payout code country request
Status	M	AlphaNumeric	Transaction status response code. Please see Section 3.6 for full description
Description	M	Text	Description of the status
PayoutCode	M	Array	List of the Payout code requested

SECTION 3 – REQUEST AND RESPONSE CODE DESCRIPTION

Request Code Description

3.1 Beneficiary Account Type (bAccType)

As stated in the request XML SOAP parameters of Method 2.1, 2.2. The bAccType determines how the fund shall be received by Beneficiary, according to the Issuer channels.

Bank SKN is a non real time remittance service for Indonesia where the RSP may remit transactions that is more than IDR 10 million, up to IDR 99 million per transaction. Request processed before 12 noon GMT+7 will be credited within the same business day, and next business day if after 12 noon GMT+7.

Value	Description
1	Banks
2	E-Wallet Operators
3	Mobile Operators (Remittance)
4	Prepaid card
5	Cash Pickup
6	Bill Payment
7	Banks-SKN (Non Real-Time)(Indonesia & China ONLY)
8	Payment Card
9	Home delivery (Only available for Vietnam)
10	Real Time Transfer

3.2 Beneficiary Issuer Code (bIssuerCode)

As stated in the request XML SOAP parameters of Method 2.1, 2.2. This code identifies which Issuer to use according to the Beneficiary Account Type. The code is constantly updated and varies according to country. Please refer to Appendix 1 or obtain Issuer Code List from GloRemit personnel.

3.3 Sender Identification Type (sIDType)

As stated in the request XML SOAP parameters of Method 2.1, 2.2

Value	Description
1	Work Permit
2	International Passport
3	Identification ID
4	Social Security
5	Residence Permit

6	Company Registration No.
7	System ID

3.4 Beneficiary Identification Type (bIDType)

As stated in the request XML SOAP parameters of Method 2.1, 2.2

Value	Description
1	Work Permit
2	International Passport
3	Identification ID
4	Social Security
5	Residence Permit
6	Company Registration No.
7	System ID

3.5 Transaction Status (ValidateStatus and TrxStatus)

As stated in the response XML string of Method 2.2 and Method 2.4

Code	Type	Description
000	Approved	Transaction is Successful
101	Declined	Blacklisted Sender. Sender name is found to be full match in UN or OFAC or other official sanction list
102	Declined	Insufficient GSVA fund. Contact sales_remittance@tranglo.com to topup RSP GSVA wallet.
103	Declined	Blacklisted Beneficiary. Beneficiary name is found to be full match in UN or OFAC or other official sanction list
104	Declined	Beneficiary name mismatched or empty. For Get_Validation only. Name mismatch means account is valid but the name provided by RSP is does not match exactly with the bank's records. RSP may ignore or update RSP records with updated Beneficiary name prior to sending Do_Transfer.
105	Declined	Sender name mismatched <i>Applicable to Get_Validation & Get_Watchlist method only</i>
106	Declined	RSP Account Inactive.

		Contact support@tranglo.com to reactivate account.
107	Declined	Blacklisted Sender/Beneficiary Sender or Beneficiary name is found to be full match in UN or OFAC or other official sanction list
108	Declined	Invalid Sender ID Expiry Date (Refer to Do_Transfer 'sldExpiry' parameter) (Format: MM/DD/YYYY DD/MM/YYYY D/M/YYYY M/D/YYYY YYYY/M/D YYYY/MM/DD)
302	Error	Internal Server Error (RSP can retry the transaction until successful. In addition to that, RSP can also use Get_TrxStatus SOAP method to check for transaction status if there is no response coming back due to network timeout or other errors)
900	Error	Invalid Username or Password / Invalid Signature
901	Error	Invalid Sender Currency. RSP Currency Code as per RSP GSVA Wallet. Do not send as Sender currency.
902	Error	Invalid Beneficiary Currency. Please ensure correct currency as per target country.
903	Error	Invalid Sender ID. Please ensure Sender ID is 8 digits or more
904	Error	Invalid Sender First/Last Name or Exceed 100 characters
905	Error	Invalid Sender Amount
906	Error	Invalid Bank or Issuer code
907	Error	Invalid Beneficiary ID
908	Error	Invalid Beneficiary Amount
909	Error	Beneficiary account limit exceeded <i>Please refer to Section 2.7</i>
910	Error	Transaction not found in GloRemit system
911	Error	Transaction expired
912	Error	Invalid Branch ID or Bank Branch Code
913	Error	Invalid/Duplicate Transaction ID
914	Error	Invalid Sender/Beneficiary Identification Type

915	Error	Invalid Beneficiary Account Type
916	Error	Invalid Birthdate
917	Error	Beneficiary Country / Nationality
918	Error	Invalid Beneficiary Account Number
919	Error	Invalid Relationship Code
920	Error	Invalid Sender Contact Number
921	Error	Invalid Source of fund Code
922	Error	Invalid Purpose Code
930	Error	Transaction Rejected by Issuer (<i>RSP should NOT retry the transaction as it is rejected internally by Beneficiary Issuer systems</i>)
931	Error	Transaction Rejected – Issuer system busy (RSP can retry the transaction until successful. In addition to that, RSP can also use Get_TrxStatus SOAP method to check for transaction status if there is no response coming back due to network timeout or other errors)
932	Declined	Validation Not Supported Error based on Beneficiary country and transaction type combination
933	Declined	Transaction Rejected due Name Mismatch
934	Declined	Transaction Rejected due invalid account number / account dormant
945	Pending	Cancellation / Change Name request is in Progress.
946	Declined	Duplicate Cancellation / Change Name Request
947	Error	Cancellation / Change Name Transaction Not Found
948	Declined	Cancellation / Change Name Not Possible
949	Declined	No Code Found for Cancellation / Change Name
966	Pending	Transaction under compliance review
967	Suspected	Transaction is suspected. Do NOT retry. This normally happens when GloRemit system is unable to confirm whether the Beneficiary bank has accepted or rejected the transaction. Please email to support@tranglo.com for follow-up.
968	Pending	Transaction is pending. RSP can also use Get_TrxStatus SOAP method to check for transaction status.
969	Pending	Transaction under process. RSP can also use Get_TrxStatus SOAP method to check for transaction status
981	Declined	Exceed Daily Transfer Amount Limit <i>Please refer to Section 2.7</i>

982	Declined	Exceed Per Transaction Amount Limit <i>Please refer to Section 2.7</i>
999	Error	General or Network Error (RSP can retry the transaction till success)

Only Applicable for cash pickup transaction

Payout status	Type	Description
In Process	Pending	Transaction is pending to be claimed.
Claimed	Approved	Beneficiary has claimed the money.
Cancelled	Declined	Transaction has been cancelled / expired.

*Only Approved and Pending type of transaction is considered as accepted in GloRemit systems. RSP Partner should reconcile the Approved and Pending transaction **before** attempt to retry or discard in RSP systems.*

Error and Declined transaction type is considered failed and RSP systems can freely retry transactions

*Suspected transaction type is considered as Pending. RSP system **MUST NOT** retry transactions with Suspected status. Tranglo support team will be investigating such transactions and will update the transaction status once we have confirmation. RSP may email Tranglo Support for check for status of the investigation.*

Reference

Currency code ISO 4217 – http://www.iso.org/iso/support/currency_codes_list-1.htm

Country code ISO 3166 – http://www.iso.org/iso/english_country_names_and_code_elements

3.6 Province Code (bProvinceCode)

As stated in the request XML SOAP parameters of Method 2.2. Please refer to the attached document named <<GloRemit API Code List.xlsx>>.

3.7 Regency Code (bRegencyCode)

As stated in the request XML SOAP parameters of Method 2.2. Please refer to the attached document named <<GloRemit API Code List.xlsx>>.

3.8 Bank Branch Code (bankBranchCode)

As stated in the request XML SOAP parameters of Method 2.2. Please refer to the attached document named <<GloRemit API Code List.xlsx>>.

3.8.1 HOW TO FIND IFSC CODE?

It is very important to find IFSC code of correct branch before initiating a NEFT or RTGS or IMPS transfer. Though all banks will have a mechanism to verify the IFSC Code, Bank Branch, Account Type and Name and any mismatch will result in failed transaction!

3.8.2 HOW TO VERIFY IFSC CODE?

The best and simplest place to verify IFSC code branch is the cheque book. Most India banks now print IFSC Codes on the cheque books. Also, your account pass book should have the IFSC Code printed.

3.9 Purpose Code List

Code	Description
00000	Food and Live Animals
01000	Beverages and Tobacco
02000	Crude Materials, Inedible except Fuels
03000	Mineral Fuels, Lubricants and Related Materials
04000	Animals and Vegetable Oils, Fats and Waxes
05000	Chemicals and Related Products, n.c.e.
06000	Manufactured Goods
07000	Machinery, Non-Customised Packaged Software and Transport Equipment
07100	Power Lines, Pipelines and Undersea Communication Cables
08000	Miscellaneous Manufactured Articles
09000	Miscellaneous Transactions and Commodities n.c.e.
09700	Nonmonetary Gold

10010	Goods for Processing/Manufacturing Services
11100	Freight
11200	Passenger Fare
12200	Charter
12300	Operational Lease
12500	Maintenance and Repair Services n.i.e.
13110	Goods and Services by Travellers
13210	Goods and Services
13220	Goods and Services by Short Term Workers
13300	Pilgrimage/Religious-Related
13400	Health-Related
13500	Education-Related
14100	Investment Income
14259	Interest
14310	Wages and Salaries in Cash
14320	Wages and Salaries in Kind/Benefits Attributable to Employees
14330	Employer's Social Contributions
14410	Taxes on Products and Productions
14420	Subsidaries on Products and Productions
14430	Rental on Natural Resources
15000	Government Goods and Services Transactions N.I.E
16100	Telecommunications Services
16210	Construction and Installation Services in Malaysia
16220	Construction and Installation Services Abroad
16311	Premium Paid/Received on High Risk Insurance Relating to Fire, Marine, Aviation etc.
16312	Premium Paid/Received on Other General Insurance
16313	Premium Paid/Received on Life Insurance
16314	Premium Paid/Received on Reinsurance
16315	Premium Paid/Received on Insurance on Goods in the Process of Being Exported/Imported
16321	Claim Settlements on High Risk Insurance Relating to Fire, Marine, Aviation etc.
16322	Claim Settlements on Other General Insurance
16323	Claim Paid/Received on Life Insurance
16324	Claim Paid/Received on Reinsurance
16325	Claim Paid/Received on Insurance on Goods
16332	Auxillary Insurance Services
16410	Explicitly-Charged Financial Services
16420	Explicit Margins on Buying and Selling of Financial Instruments
16430	Explicitly-Charged Asset Management Fees
16440	Financial Intermediation Service Charges Indirectly Measured (FISIM)
16510	Computer Services

16520	Information Services
16610	Royalties for Usage of Intellectual Property
16620	License Fees to Reproduce and Distribute Intellectual Property
16711	Merchanting trade in Malaysia
16712	Merchanting trade in Abroad
16720	Sharing of Administrative Expenses
16730	Research and Development Services
16740	Architectural, Engineering and Other Technical Services
16750	Agricultural, Mining and On-Site Processing
16760	Advertising, Market Research, and Public Opinion Polling Services
16771	Legal Services
16772	Accounting Services
16773	Management Consulting Services
16791	Trade-Related Services
16792	Water Treatment Services
16810	Audio-Visual and Artistic Related Services
16820	Health Services
16830	Education Services
16840	Heritage and Recreational Services
16850	Other Personal Services
21210	Grants and Gifts
21220	Worker's Remittances / family maintenance
21230	Legacies, Compensations and Prizes
21241	Taxes on Income, Wealth and Other Taxable Assets (Private Sector)
21242	Fines and Penalties (Private Sector)
21243	Social Contributions and Benefits (Private Sector)
21244	Social Benefits (Private Sector)
22100	Government Sector
22200	Private Sector (Financial Corporations, Nonfinancial Corporations, Households and NPISHs)
31110	Term Loans (Long-Term)
31120	Term Loans (Short-Term)
31310	Non-Participating Redeemable Preference Shares (RPS)
31410	Financial Lease
31510	Revolving Credit/Overdraft Facilities
31910	Other Loan Facilities (Long-Term)
31920	Other Loan Facilities (Short-Term)
33000	Employee Stock Options (ESOS)
34000	Subscriptions/Contributions to/Reimbursement from International Organisations
35000	Equity Capital
36100	Corporate Stocks and Shares

36200	Bonds and Notes
36300	Money Market Instruments
36400	Government Securities
37000	Financial Derivatives
39110	Real Estate in Malaysia
39120	Real Estate Abroad
39210	Deposits with/from Financial Institutions Abroad
39220	Deposits with/from Offshore Financial Institutions in Labuan
39230	Deposits with/from Financial Institutions in Malaysia
99999	Data is not required to be collected according to local jurisdiction.

3.10 Source of fund

Code	Source of fund
1	Business income
2	Loans
3	Interest / dividend income
4	Sales of assets
5	Issue of share
6	Issue of bond/debenture
7	Tax refund
8	Venture capital
9	Claims/Compensation
10	Advance from director/shareholder
11	Salary
12	Financial supports from Spouse
13	Property investment
14	Gambling
15	Shares investment
16	Donation/Gift
17	Financial supports from parents
18	Freelance income
19	Financial supports from children
20	Retirement fund
21	Rental/leasing income
22	Data is not required to be collected by local jurisdiction
23	Saving

3.11 Relationship

Code	Relationship
1	Spouse
2	Children
3	Parent
4	Sibling / brother/sister
5	Relative/uncle/auntie/cousin
6	Self
7	Ex-spouse
8	Friend
9	Business partner
10	Customer
11	Employee
12	Branch/Representative office
13	Subsidiary company
14	Holding company
15	Supplier
16	Creditor
17	Debtor
18	Franchisee/Franchisor
19	Non Related
20	Data is not required to be collected by local jurisdiction

SECTION 4 – DIGITAL SIGNATURE AND NETWORK CONFIGURATION

4.1 Virtual Private Network (VPN)

The first network connectivity preference would be using VPN. Please ensure your VPN firewall support the following protocol.

4.2 Fixed IP Address

The second connectivity method is via Partner's fixed IP address to be approved inside GloRemit network firewall. Partner should also obtain a Client Authentication SSL certificate to properly identify the identity of the Partner source IP. Partner is required to prepare the following during network connectivity test.

- Partner Fixed IP Address: *<To be notified by Partner>*
- Client Authentication Certificate in Base64 DER Encoded files
- Client Authentication CA Certificate in Base64 DER Encoded files

4.3 Digital Signature

Partner MUST use digital signature to connect to GloRemit API. Digital signature schemes can be used for Partner authentication and non-repudiation. RSP partner who wants to send a message computes a digital signature of this remittance message and then sends this digital signature together with the message to GloRemit API.

Tranglo implements MD5 message digest hashing algorithm for digital signature. Tranglo shall issue partner a key for message digest.

4.3.1 ESTABLISHMENT OF DIGITAL SIGNATURE

The message sender shall do the following

1. The required message component value is concatenated into 1 string
2. Add the key issued by Tranglo at the end of the string
3. Hash the concatenated message component with **MD5** algorithm
4. The results of the above step shall form the Signature value in the `rspSign` parameters in all GloRemit SOAP method.

4.3.2 REQUIRED MESSAGE COMPONENTS

The following message components concatenated for hashing to form digital signature. Please concatenate the **value** of the parameters as listed below.

4.3.2.1 **Get_Validation Method Request**

- UID
- transID
- sIDNum
- bAccType
- bAccNum
- bIssuerCode

4.3.2.2 **Do_Transfer Method Request**

- UID
- transID
- trxValue (Format: #.## - 2 decimal points without commas)
- sCurr
- sIDNum
- sFirstName
- sLastName
- bCurrency
- bIDNum
- bFirstName
- bLastName
- bAccType
- bAccNum
- bIssuerCode

4.3.2.3 **Get_Forex Method Request**

- UID
- currFrom
- currTo

4.3.2.4 **Get_TransferStatus Method Request**

- UID
- GTN
- TransID (if any)

- 4.3.2.5 Do_BillInquiry Method Request**
- UID
 - transID
 - sIDNum
 - bAccNum
 - bIssuerCode
- 4.3.2.6 Do_BillPayment Method Request**
- UID
 - transID
 - trxValue (Format: #.## - 2 decimal points without commas)
 - sCurr
 - sIDNum
 - sFirstName
 - sLastName
 - bCurrency
 - bAccNum
 - bIssuerCode
- 4.3.2.7 Do_ChangeName**
- UID
 - Transid
 - bFirstName
 - bLastName
- 4.3.2.8 Get_ChangeNameStatus**
- UID
 - changeid
- 4.3.2.9 Do _Cancellation**
- UID
 - GTN
 - transID
- 4.3.2.10 Get _CancellationStatus**
- UID
 - Cancellationid
- 4.3.2.10 Get _PayoutCode**

- UID
- countrycode
- requestid

SECTION 5 – TERM AND CONDITION

5.1 Communication Timeouts and Wait Periods

The timeout period for each unique transaction is 180 seconds. If a transaction request to Tranglo is aborted or closed as part of network error detection and recovery before the timeout, RSP should query the transaction status using "Get_TrxStatus" before retry the same transaction. RSP should only attempt to retry the same transaction with same transaction ID/send data AFTER the timeout period.

5.2 Unique Transaction ID

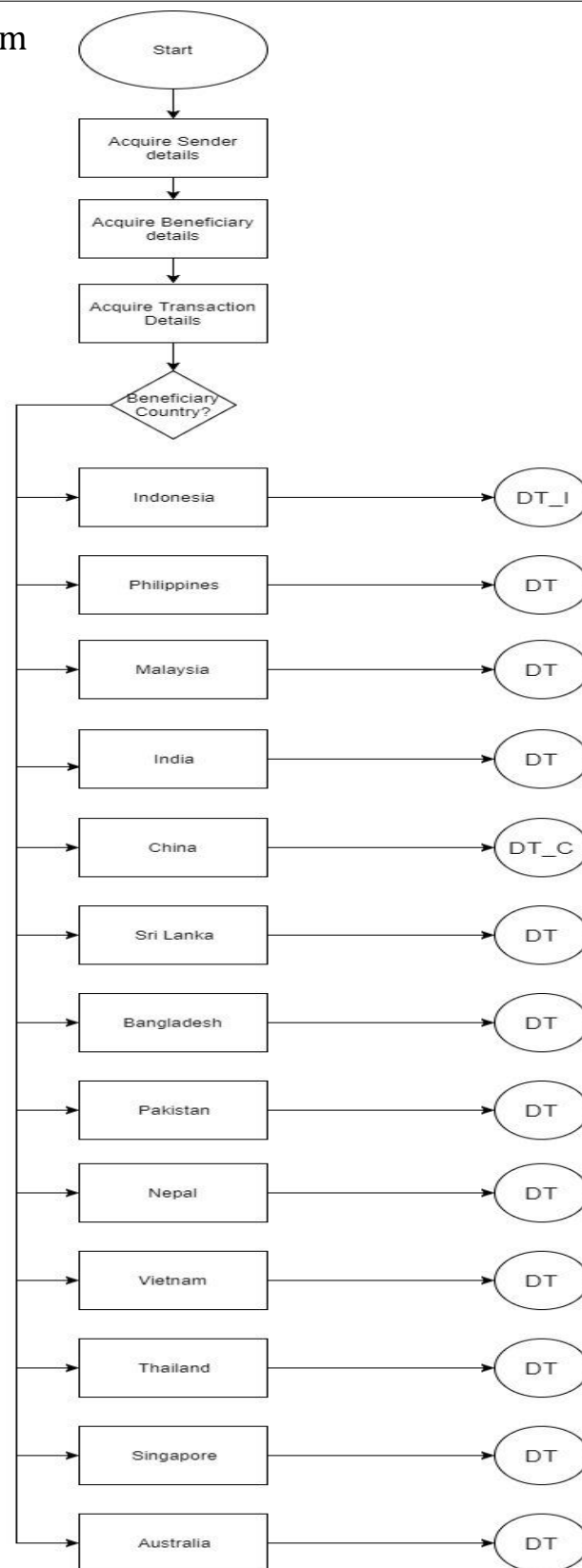
The Transaction ID that uniquely identifies the transaction. It is important to store this order number together with the send data in order to create a unique correlation between Tranglo and RSP.

When RSP send a transaction with unique transaction ID, Tranglo will lock the ID during processing. The same ID sent simultaneously or before timeout period will not be processed. The transaction ID will be released after Tranglo obtained transaction status and response sent to RSP.

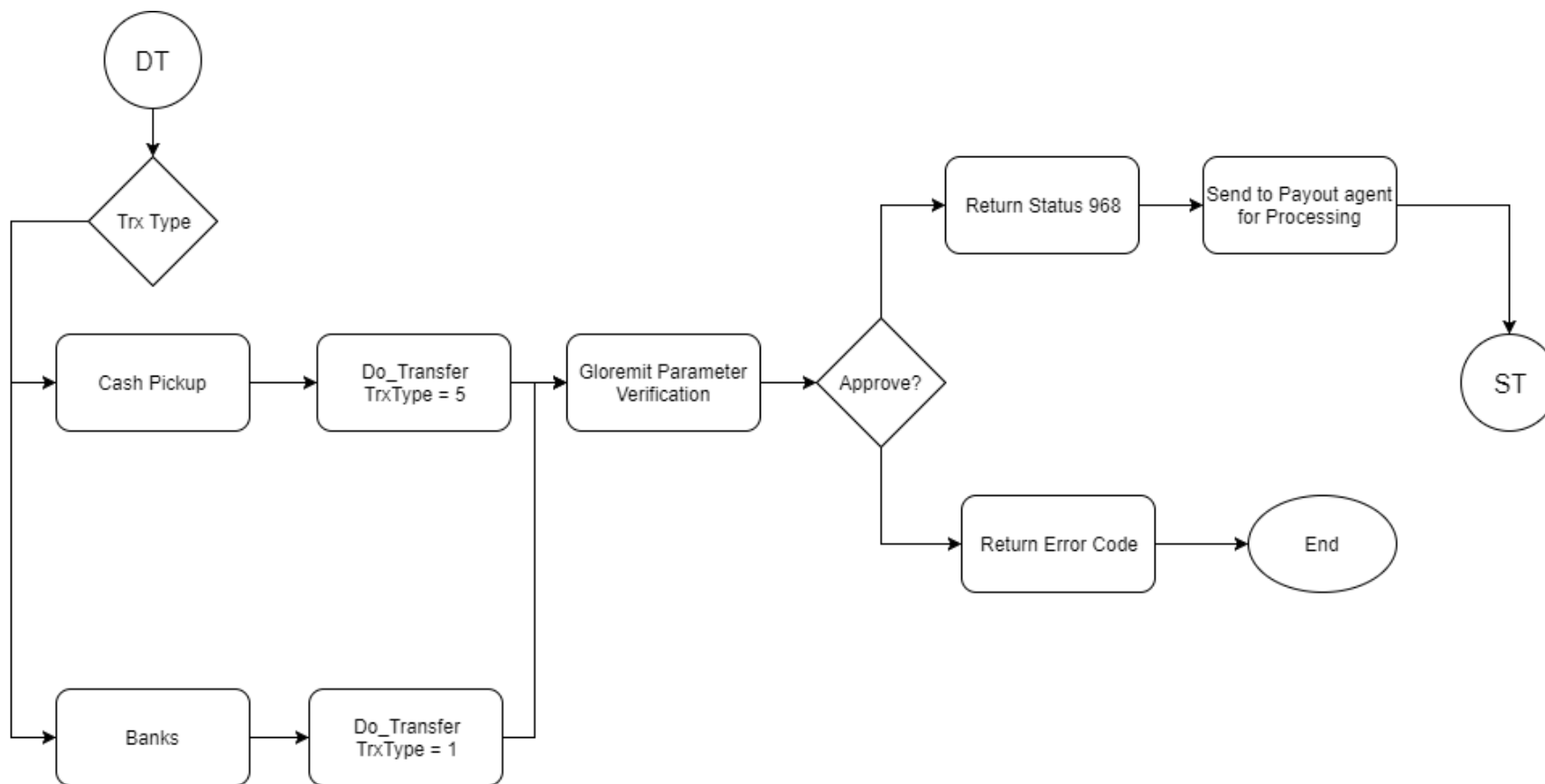
Kindly note that Tranglo will not be responsible for the cost of duplicate transaction as a result of duplicate transaction ID generated by RSP to Tranglo within the timeout period.

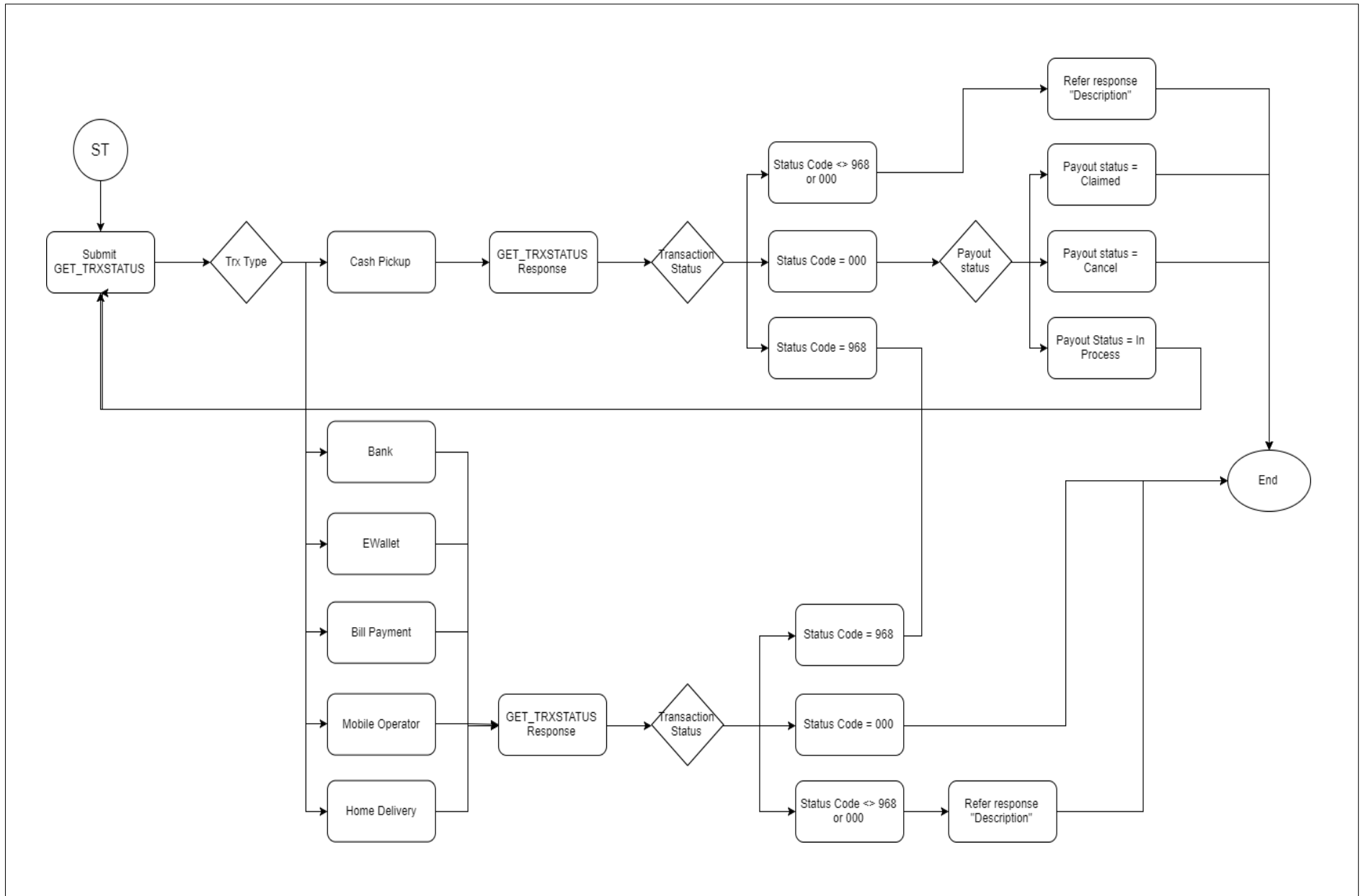
APPENDIX 1 – RECOMMENDATION ON THE FUNCTIONALITY

Level 0 flow diagram

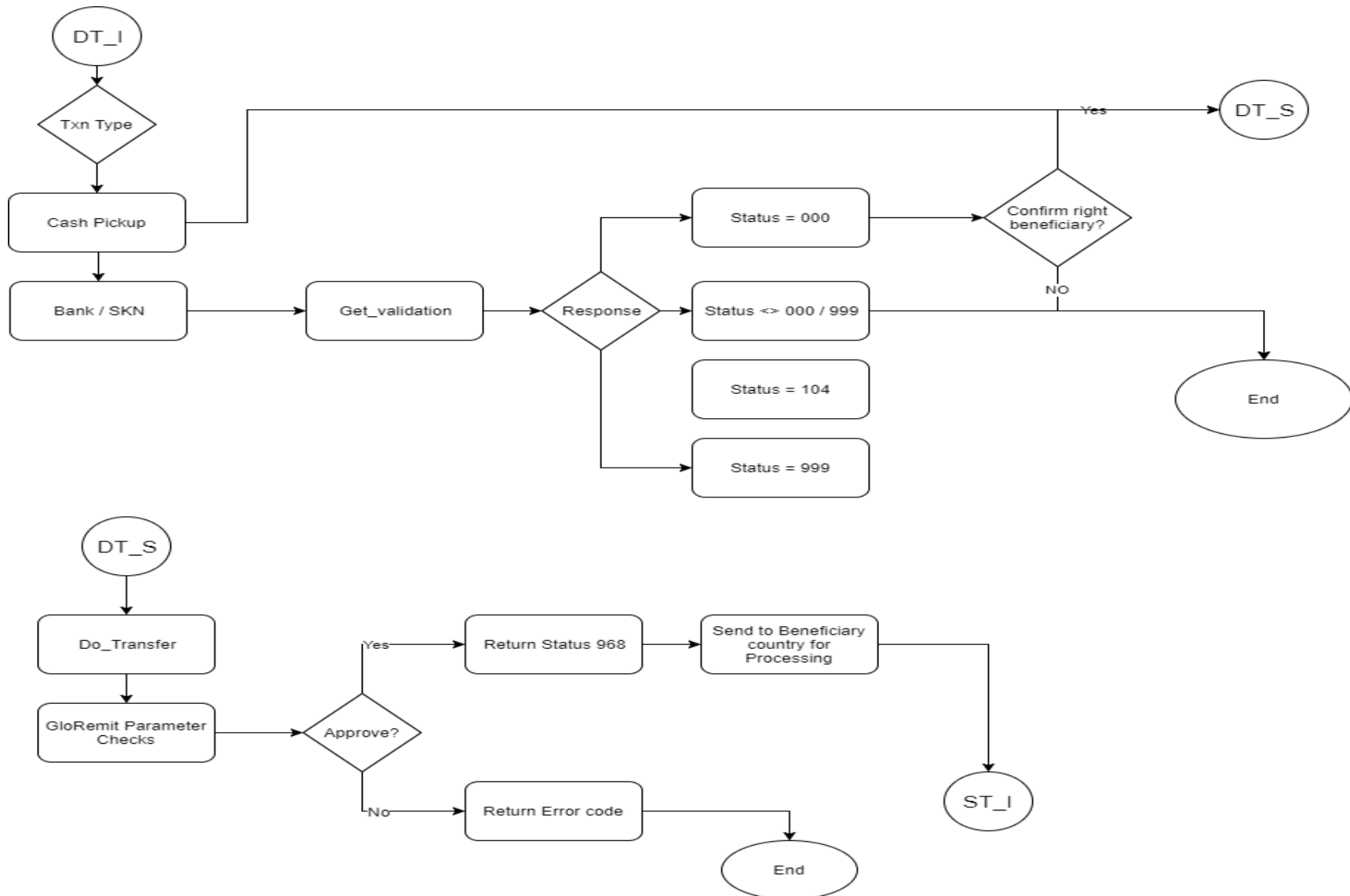


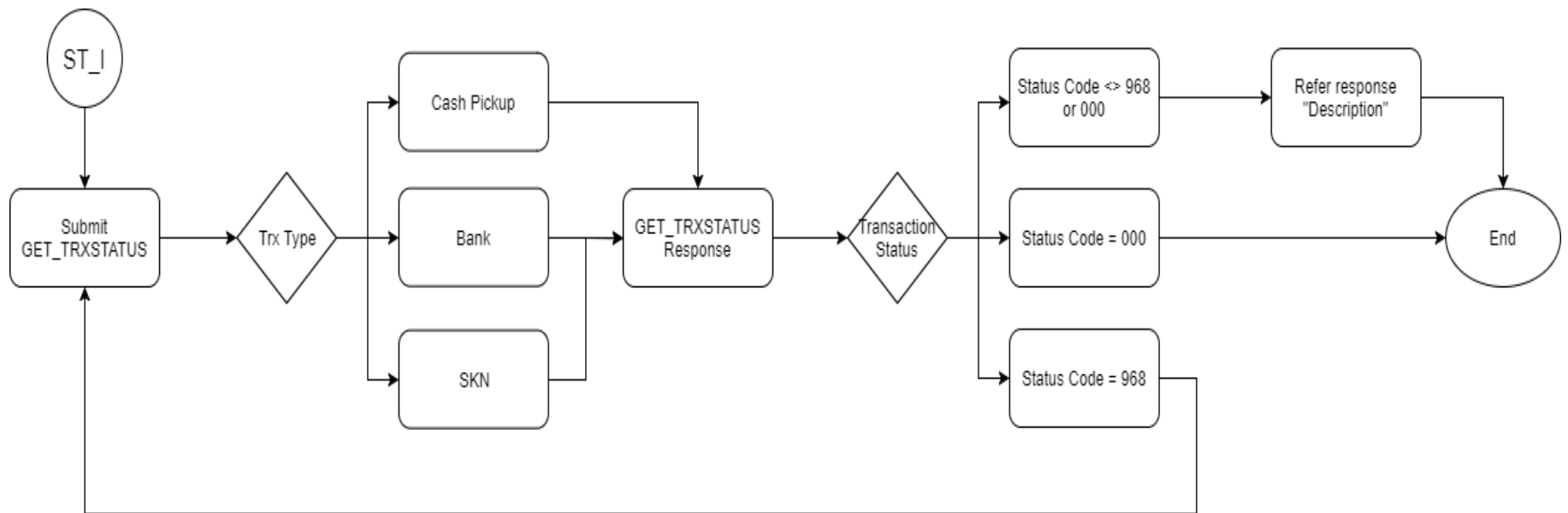
Do Transfer General (DT)



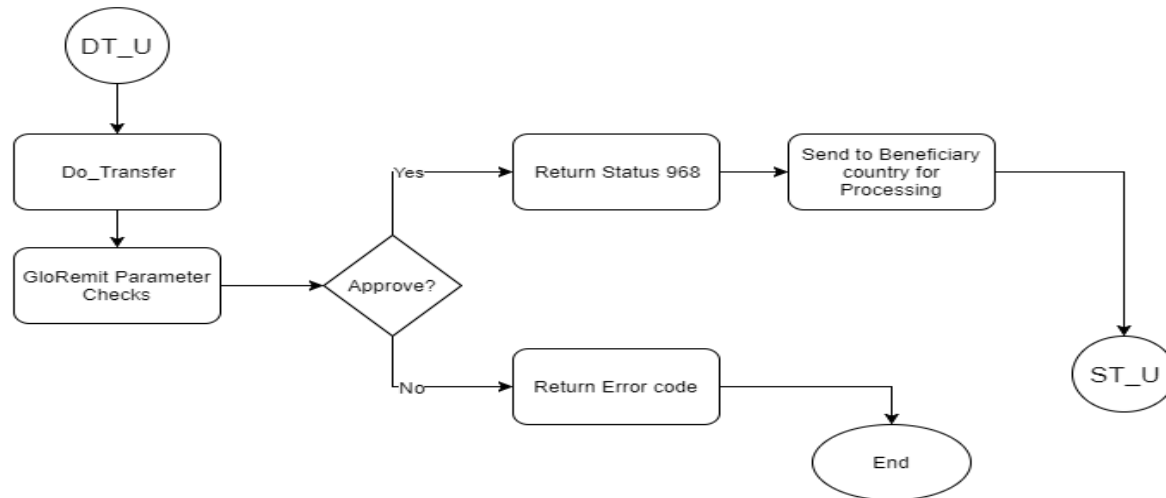
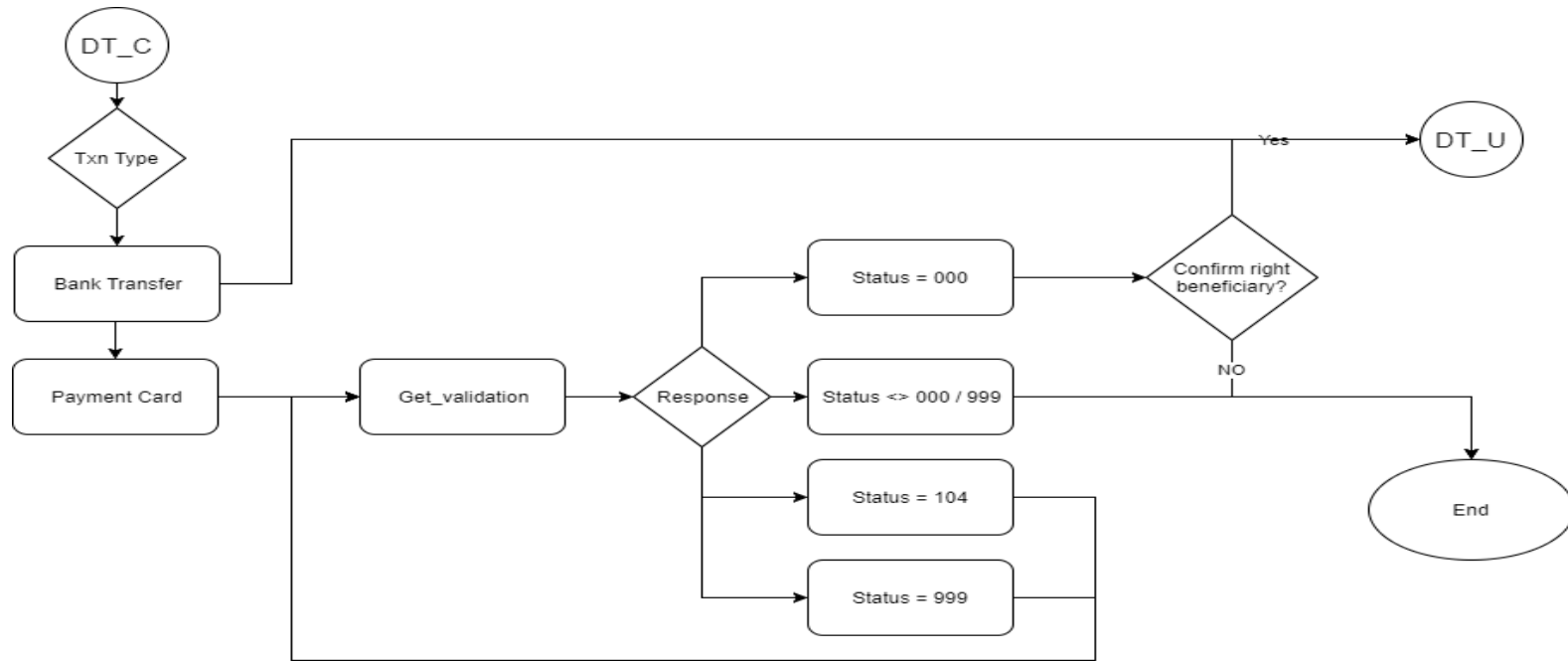


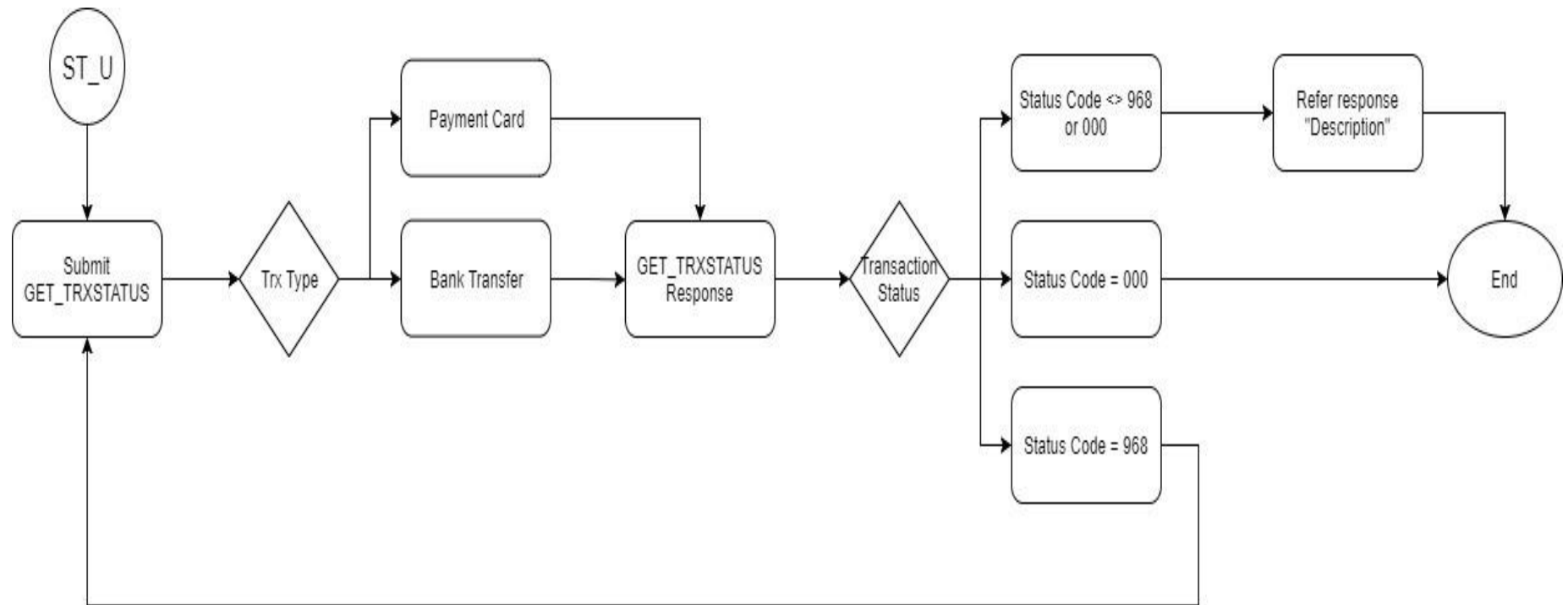
Do Transfer Indonesia (DT_I)





Do Transfer China (DT_C)





PARAMETER REQUIREMENT

Get_validation Request for Indonesia

```
<tem:Get_Validation>  
  <tem:rspSign>7a659d831e5ff1696ffca85a0ae1c549</tem:rspSign>  
  <tem:UID>API USERNAME</tem:UID>  
  <tem:PWD>AS PER CONFIGURE</tem:PWD>  
  <tem:transID>ABC12345678</tem:transID>  
  <tem:sIdType>1</tem:sIdType>  
  <tem:sIdNum>0000000</tem:sIdNum>  
  <tem:sFirstName>Michael</tem:sFirstName>  
  <tem:sLastName>Jackson</tem:sLastName>  
  <tem:bFirstName>Amiran</tem:bFirstName>  
  <tem:bLastName>Abdullah</tem:bLastName>  
  <tem:bCountry>ID</tem:bCountry>  
  <tem:bAccType>1</tem:bAccType>  
  <tem:bIssuerCode>002</tem:bIssuerCode>  
  <tem:bAccNum>376800000000888</tem:bAccNum>  
  <tem:trxValue>50000</tem:trxValue>  
</tem:Get_Validation>
```

Get_validation Response

STATUS 000

```
<Get_ValidationResult>
  <string>
    <ValidateStatus>000</ValidateStatus>
    <transID>ABC12345678</transID>
    <BeneficiaryName/>
    <Description>Amiran Abdullah </Description>
  </string>
</Get_ValidationResult>
```

STATUS 104

```
<Get_ValidationResult>
  <string>
    <ValidateStatus>104</ValidateStatus>
    <transID>ABC12345678</transID>
    <BeneficiaryName/>
    <Description>Amiran Abdullah </Description>
  </string>
</Get_ValidationResult>
```

STATUS OTHER THAN 000 AND 104

```
<Get_ValidationResult>
  <string>
    <ValidateStatus>999</ValidateStatus>
    <transID>ABC12345678</transID>
    <BeneficiaryName/>
    <Description></Description>
  </string>
</Get_ValidationResult>
```

System to compare the beneficiary name in the following arrangement, beneficiary first name <space> beneficiary last name. If the name matched, system will revert validate status as '000' else with '104' where the actual correct name will be displayed in description format in the sequence of beneficiary first name <space> beneficiary last name.

Do_transfer Indonesia

```
<tem:Do_Transfer>
  <tem:rspSign>AS PER GENERATED</tem:rspSign>
  <tem:UID>API Username</tem:UID>
  <tem:PWD>AS PER CONFIGURE</tem:PWD>
  <tem:UIDBranch></tem:UIDBranch>
  <tem:transID>A123456</tem:transID>
  <tem:sFirstName>Michael</tem:sFirstName>
  <tem:sLastName>Jackson</tem:sLastName>
  <tem:sIdType>1</tem:sIdType>
  <tem:sIdNum>A123456789</tem:sIdNum>
  <tem:sIdExpiry></tem:sIdExpiry>
  <tem:sContactNum>60123456789</tem:sContactNum>
  <tem:sOccupation>Supervisor</tem:sOccupation>
  <tem:sFundSource>Salary</tem:sFundSource>
  <tem:sBirthDate>09/12/1993</tem:sBirthDate>
  <tem:sEmail></tem:sEmail>
  <tem:sAddress>Malaysia</tem:sAddress>
  <tem:sCity></tem:sCity>
  <tem:sPostCode></tem:sPostCode>
  <tem:sCountry>MY</tem:sCountry>
  <tem:sCurrency>MYR</tem:sCurrency>
  <tem:bCountry>ID</tem:bCountry>
  <tem:bCurrency>IDR</tem:bCurrency>
  <tem:trxValue>55000</tem:trxValue>
  <tem:bFirstName>Amiran</tem:bFirstName>
  <tem:bLastName></tem:bLastName>
  <tem:bAccType>1</tem:bAccType> - For Cash Pickup, values = 5
  <tem:bIssuerCode>112</tem:bIssuerCode>
  <tem:BankProvince></tem:BankProvince>
  <tem:BankCity></tem:BankCity>
  <tem:BankBranchName></tem:BankBranchName>
  <tem:BankBranchCode></tem:BankBranchCode>
  <tem:bAccNum>376800000000888</tem:bAccNum>
  <tem:bIdType>2</tem:bIdType>
  <tem:bIdNum>0000000</tem:bIdNum>
  <tem:bContactNum>621212938100</tem:bContactNum>
  <tem:Relationship>family</tem:Relationship>
  <tem:bAddress></tem:bAddress>
  <tem:bCity></tem:bCity>
  <tem:bPostCode></tem:bPostCode>
  <tem:bEmail></tem:bEmail>
  <tem:bProvinceCode></tem:bProvinceCode>
  <tem:bRegencyCode></tem:bRegencyCode>
  <tem:bPayoutID></tem:bPayoutID>
  <tem:bPayoutPIN></tem:bPayoutPIN>
</tem:Do_Transfer>
```

Do_Transfer Indonesia Response

REQUEST ACCEPTED

```
<Do_TransferResult>
  <string>
    <TrxStatus>968</TrxStatus>
    <GTN>G1234567890123<GTN/>
    <transID>A123456</transID>
    <Description>Transaction Pending</Description>
    <LastBal>123456.12</LastBal>
    <CurrRate>3157.00000000 </CurrRate>
  </string>
</Do_TransferResult>
```

REQUEST REJECTED

```
<Do_TransferResult>
  <string>
    <TrxStatus>900</TrxStatus>
    <GTN/>
    <transID>A123456</transID>
    <Description>Invalid Username or Password</Description>
    <LastBal>NA</LastBal>
    <CurrRate>0.00000000</CurrRate>
  </string>
</Do_TransferResult>
```

Bold parameters are the minimum required information to process the transactions.
 Parameter such as beneficiary ID can be leave it as per above if there are no information.
 Optional parameters are required to submit the tag along.

GET_TRXSTATUS INDONESIA REQUEST PARAMETERS

```
<tem:Get_TrxStatus>
  <tem:rspSign> AS PER GENERATED</tem:rspSign>
  <tem:UID> API Username </tem:UID>
  <tem:PWD> AS PER CONFIGURE </tem:PWD>
  <tem:GTN> G123456789123</tem:GTN>
  <tem:transID> A123456</tem:transID>
</tem:Get_TrxStatus>
```

GET_TRXSTATUS INDONESIA RESPONSE PARAMETERS

Bank Transaction

```
<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN> G123456789123</GTN>
      <transID> A123456</transID>
      <Description>Transaction is Successful</Description>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>
```

Cash Pickup

```
<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN>G0717038300324</GTN>
      <transID>170207000008</transID>
      <Description>Transaction is Successful</Description>
      <PayoutID>P331234567890</PayoutID>
      <PayoutPIN>P331234567890</PayoutPIN>
      <PayoutStatus></PayoutStatus> - Payout status for Indonesia Pos shall check on
      www.posindonesia.co.id
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>
```

DO_Transfer China

DO_Transfer China Request

```
<tem:Do_Transfer>
  <tem:rspSign>AS PER GENERATED</tem:rspSign>
  <tem:UID>API Username</tem:UID>
  <tem:PWD>AS PER CONFIGURE</tem:PWD>
  <tem:UIDBranch></tem:UIDBranch>
  <tem:transID>A1234567</tem:transID>
  <tem:sFirstName>Michael</tem:sFirstName>
  <tem:sLastName>Jackson</tem:sLastName>
  <tem:sIdType>1</tem:sIdType>
  <tem:sIdNum>A123456789</tem:sIdNum>
  <tem:sIdExpiry></tem:sIdExpiry>
  <tem:sContactNum>60123456789</tem:sContactNum>
  <tem:sOccupation>Supervisor</tem:sOccupation>
  <tem:sFundSource>Salary</tem:sFundSource>
  <tem:sBirthDate>09/12/1993</tem:sBirthDate>
  <tem:sEmail></tem:sEmail>
  <tem:sAddress>Malaysia</tem:sAddress>
  <tem:sCity></tem:sCity>
  <tem:sPostCode></tem:sPostCode>
  <tem:sCountry>MY</tem:sCountry>
  <tem:sCurrency>MYR</tem:sCurrency>
  <tem:bCountry>CN</tem:bCountry>
  <tem:bCurrency>CNY</tem:bCurrency>
  <tem:trxValue>5500</tem:trxValue>
  <tem:bFirstName>张泽民</tem:bFirstName>
  <tem:bLastName></tem:bLastName>
  <tem:bAccType>1</tem:bAccType> - For Union Pay / Payment card, values = 8
  <tem:bIssuerCode>860001</tem:bIssuerCode>
  <tem:BankProvince></tem:BankProvince>
  <tem:BankCity></tem:BankCity>
  <tem:BankBranchName></tem:BankBranchName>
  <tem:BankBranchCode></tem:BankBranchCode>
  <tem:bAccNum>00570057</tem:bAccNum>
  <tem:bIdType>2</tem:bIdType>
  <tem:bIdNum>A123456789</tem:bIdNum>
  <tem:bContactNum>860123456789</tem:bContactNum>
  <tem:Relationship>family</tem:Relationship>
  <tem:bAddress></tem:bAddress>
  <tem:bCity></tem:bCity>
  <tem:bPostCode></tem:bPostCode>
  <tem:bEmail></tem:bEmail>
  <tem:bProvinceCode></tem:bProvinceCode>
  <tem:bRegencyCode></tem:bRegencyCode>
  <tem:bPayoutID></tem:bPayoutID>
  <tem:bPayoutPIN></tem:bPayoutPIN>
</tem:Do_Transfer>
```


DO_Transfer China Response

REQUEST ACCEPTED FOR PROCESSING

```
<Do_TransferResult>
  <string>
    <TrxStatus>968</TrxStatus>
    <GTN>G1344567890123</GTN/>
    <transID>A1234567</transID>
    <Description>Transaction Pending</Description>
    <LastBal>123456.12</LastBal>
    <CurrRate>1.57000000 </CurrRate>
  </string>
</Do_TransferResult>
```

REJECTED REQUEST

```
<Do_TransferResult>
  <string>
    <TrxStatus>900</TrxStatus>
    <GTN/>
    <transID>A1234567</transID>
    <Description>Invalid Username or Password</Description>
    <LastBal>NA</LastBal>
    <CurrRate>0.00000000</CurrRate>
  </string>
</Do_TransferResult>
```

GET_TRXSTATUS CHINA REQUEST PARAMETERS

```
<tem:Get_TrxStatus>
  <tem:rspSign> AS PER GENERATED</tem:rspSign>
  <tem:UID> API Username </tem:UID>
  <tem:PWD> AS PER CONFIGURE </tem:PWD>
  <tem:GTN>G123456789123</tem:GTN>
  <tem:transID>A123456</tem:transID>
</tem:Get_TrxStatus>
```

GET_TRXSTATUS CHINA RESPONSE PARAMETERS

BANK TRANSACTION / PAYMENT CARD

```
<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN>G1344567890123</GTN>
      <transID>A1234567</transID>
      <Description>Transaction is Successful</Description>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>
```

DO_Transfer General Request

```
<tem:Do_Transfer>
  <tem:rspSign>AS PER GENERATED</tem:rspSign>
  <tem:UID>API Username</tem:UID>
  <tem:PWD>AS PER CONFIGURE</tem:PWD>
  <tem:UIDBranch></tem:UIDBranch>
  <tem:transID>A1234567</tem:transID>
  <tem:sFirstName>Michael</tem:sFirstName>
  <tem:sLastName>Jackson</tem:sLastName>
  <tem:sIdType>1</tem:sIdType>
  <tem:sIdNum>A123456789</tem:sIdNum>
  <tem:sIdExpiry></tem:sIdExpiry>
  <tem:sContactNum>60123456789</tem:sContactNum>
  <tem:sOccupation>Supervisor</tem:sOccupation>
  <tem:sFundSource>Salary</tem:sFundSource>
  <tem:sBirthDate>09/12/1993</tem:sBirthDate>
  <tem:sEmail></tem:sEmail>
  <tem:sAddress>Malaysia</tem:sAddress>
  <tem:sCity></tem:sCity>
  <tem:sPostCode></tem:sPostCode>
  <tem:sCountry>MY</tem:sCountry>
  <tem:sCurrency>MYR</tem:sCurrency>
  <tem:bCountry>PH</tem:bCountry>
  <tem:bCurrency>PHP</tem:bCurrency>
  <tem:trxValue>5500</tem:trxValue>
  <tem:bFirstName>Jordan</tem:bFirstName>
  <tem:bLastName>Paquiou</tem:bLastName>
  <tem:bAccType>1</tem:bAccType>
  <tem:bIssuerCode>Issuer Code</tem:bIssuerCode>
  <tem:BankProvince></tem:BankProvince>
  <tem:BankCity></tem:BankCity>
  <tem:BankBranchName></tem:BankBranchName>
  <tem:BankBranchCode>Branch Code</tem:BankBranchCode>
  <tem:bAccNum>00570057</tem:bAccNum>
  <tem:bIdType>2</tem:bIdType>
  <tem:bIdNum>A123456789</tem:bIdNum>
  <tem:bContactNum>630123456789</tem:bContactNum>
  <tem:Relationship>family</tem:Relationship>
  <tem:bAddress></tem:bAddress>
  <tem:bCity></tem:bCity>
  <tem:bPostCode></tem:bPostCode>
  <tem:bEmail></tem:bEmail>
  <tem:bProvinceCode></tem:bProvinceCode>
  <tem:bRegencyCode></tem:bRegencyCode>
  <tem:bPayoutID></tem:bPayoutID>
  <tem:bPayoutPIN></tem:bPayoutPIN>
</tem:Do_Transfer>
```

BACctype Option Values

Value	Description
1	Banks
2	E-Wallet Operators
3	Mobile Operators (Remittance)
4	Prepaid card
5	Cash Pickup
6	Bill Payment
7	Banks-SKN (Non Real-Time)(Indonesia ONLY)
8	Payment Card (Union Pay)
9	Home delivery (Only available for Vietnam)

DO_Transfer General Response

REQUEST ACCEPTED FOR PROCESSING

```
<Do_TransferResult>
  <string>
    <TrxStatus>968</TrxStatus>
    <GTN>G1444567890124</GTN/>
    <transID>A1234567</transID>
    <Description>Transaction Pending</Description>
    <LastBal>123456.12</LastBal>
    <CurrRate>1.57000000 </CurrRate>
  </string>
</Do_TransferResult>
```

REQUEST REJECTED

```
<Do_TransferResult>
  <string>
    <TrxStatus>900</TrxStatus>
    <GTN/>
    <transID>A1234567</transID>
    <Description>Invalid Username or Password</Description>
    <LastBal>NA</LastBal>
    <CurrRate>0.00000000</CurrRate>
  </string>
</Do_TransferResult>
```

Get_Trxstatus General Request Parameter

```
<tem:Get_TrxStatus>
  <tem:rspSign> AS PER GENERATED</tem:rspSign>
  <tem:UID> API Username </tem:UID>
  <tem:PWD> AS PER CONFIGURE </tem:PWD>
  <tem:GTN>G1444567890124</tem:GTN>
  <tem:transID>A1234567</tem:transID>
</tem:Get_TrxStatus>
```

Get_Trxstatus General Response Parameter

BANK TRANSACTION

Successful

```
<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN> G1444567890124</GTN>
      <transID>A1234567</transID>
      <Description>Transaction is Successful</Description>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>
```

Rejected

```
<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>930</TrxStatus>
      <GTN> G1444567890124</GTN>
      <transID>A1234567</transID>
      <Description>Transaction </Description>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>
```

CASH PICKUP

In Process

```
<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN> G1444567890124</GTN>
      <transID> A1234567</transID>
      <Description>Transaction is Successful</Description>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>
```

```

    <PayoutID>P331234567890</PayoutID>
    <PayoutPIN>P331234567890</PayoutPIN>
    <PayoutStatus>In Process</PayoutStatus>
  </string>
</Get_TrxStatusResult>
</Get_TrxStatusResponse>

```

Claimed

```

<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN> G1444567890124</GTN>
      <transID> A1234567</transID>
      <Description>Transaction is Successful</Description>
      <PayoutID>P331234567890</PayoutID>
      <PayoutPIN>P331234567890</PayoutPIN>
      <PayoutStatus>Claimed</PayoutStatus>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>

```

Cancelled

```

<Get_TrxStatusResponse xmlns="http://tempuri.org/">
  <Get_TrxStatusResult>
    <string>
      <TrxStatus>000</TrxStatus>
      <GTN> G1444567890124</GTN>
      <transID> A1234567</transID>
      <Description>Transaction is Successful</Description>
      <PayoutID>P331234567890</PayoutID>
      <PayoutPIN>P331234567890</PayoutPIN>
      <PayoutStatus>Cancelled</PayoutStatus>
    </string>
  </Get_TrxStatusResult>
</Get_TrxStatusResponse>

```

APPENDIX 2 – ISSUER CODE LIST

Please refer to the attached document named <<GloRemit API Code List.xlsx>>

APPENDIX 3 – BILLER CODE LIST

Please refer to the attached document named <<GloRemit API Code List.xlsx>>

APPENDIX 4 – STAGING TEST ACCOUNTS AND SAMPLE MESSAGES

Please refer to the attached document named << GloRemit Staging Test Account.pdf>

APPENDIX 5 – RECOMMENDED TEST CASES

Please refer to the attached document named << GloRemit Staging Test Cases V1.0.pdf>>