



# Straight-through Processing (STP) Formatting Guide

**FOR PAYMENTS IN ALL CURRENCIES**

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TREASURY SERVICES

# Overview

The purpose of this document is to provide an overview of Straight-Through Processing (STP) and the suggested message formatting guidelines to ensure that payments are processed smoothly, from origination to final credit to the beneficiary.

## What is STP?

STP is the automated processing of a payment without human intervention.

## Why is STP important?

- STP provides faster execution and therefore better service to the end client.
- STP offers higher accuracy due to reduced opportunity for human error.
- STP reduces risk associated with manual handling of payment instructions.
- STP can be done at a reduced cost.
- STP gives expedited reconciliation of payment details and information.

## A few things to consider:

- Accurate formatting and complete information are key in ensuring that a payment is processed straight through.
- All payment parties must be present on the payment; most importantly, the beneficiary, the beneficiary bank, and any correspondent banks (intermediary banks). In the event, your payment instruction is to credit an account not on the books of BNY Mellon, we will automatically update the instruction with the appropriate intermediary bank.
- Payment parties must be in the **correct** SWIFT message field, as specified in the following page(s).
- All parties must be identified using the appropriate identifiers – SWIFT BIC (Business Identifier Code) for all banks and an account number or other unique identifier such as a national identifier for the beneficiary.
- Avoid the use of Field 72 (Sender to Receiver information) or limit its use to standard or bilaterally agreed code words.

# STP Guidelines

Within BNY Mellon, we have certain STP guidelines that we share to provide the maximum opportunity for our clients to have their payments processed straight through. Our most common guidelines are given in the form of necessary field requirements on our commonly used SWIFT message types: MT103 and MT202.

## Overview of MT 103 Requirements – Single Customer Credit Transfer

An MT 103 is a customer transfer in which either the Ordering Customer or the Beneficiary customer is not a financial institution. Either a customer or a financial institution may be the originator of the payment instruction.

Mandatory / Optional	Message Field/Tag	Field Name	Description and Format	BNY Mellon Specific Recommendations
Mandatory	20	Sender's Reference	This is a reference number assigned by the sender to unambiguously identify the message to the receiver. <b>:20:Ref254</b>	As this reference is point-to-point, BNY Mellon always substitutes our reference number in Field 20 of any outgoing advice.
Mandatory	23B	Bank Operation Code	This field identifies the type of service level to be applied. <b>:23B:CRED</b>	CRED is the only code currently supported.
Mandatory	32A	Value date, currency code, amount	This field specifies the value date, the currency, and the settlement amount of the payment. <b>:32A:210117USD10000</b>	BNY Mellon will accept a value date up to 30 days in the future.
Mandatory	50A/F/K	Ordering customer	This field specifies the customer ordering the transaction (e.g.: the organization or person who is requesting the payment initiation).  :50A: Account / BIC of ordering customer :50F: Party Identifier name, address, and country (formatted) :50K: Name and address of ordering customer.  <b>:50F:/1234567890 1/NAME OF ORIGINATOR 2/STREET OF ORG 3/US/NEW YORK</b>	All format options are supported.  BNY Mellon requires meaningful name and address information to be provided in line with regulatory requirements and global market practice. Street, town, and country are expected minimum address details.
Optional	52A/D	Ordering Institution	This optional field identifies the ordering financial institution when different than the Sender of the message.  <b>:52A:IRVTGB2X</b> BIC code of ordering institution  <b>:52D: Bank of New York Mellon, London Branch</b> Name of ordering institution	This field is to be used when the account servicing institution of the originator is different than the sender. Option A is preferred.

Optional	53A/B	Sender's Correspondent	<p>This optional field identifies the account or branch of the Sender or another financial institution through which the Sender will reimburse the Receiver.</p> <p>Absence of this field suggests that there is a unique account relationship between the Sender and Receiver or that the bilaterally agreed master account will be used for settlement.</p> <p><b>:53A:/1234567890 IRVTUS33</b> BNY Mellon account number of Sender and BIC</p> <p><b>:53B:/1234567890</b> BNY Mellon account number of Sender</p>	<p>This field is required to indicate which account should be debited if more than one account is associated with the sending BIC unless the account intended to be debited is setup as a master account.</p>
Optional	56A/D	Intermediary Institution	<p>This field specifies the financial institution used to pass the transaction to the Account With institution (beneficiary bank).</p> <p>//FW021000018 is USD clearing ABA used in the examples, but any national clearing code can be used</p> <p><b>:56A:BKCHCNBJ</b> BIC of beneficiary bank's agent (Option A - 1)</p> <p><b>:56A:/1234567890 BKCHCNBJ</b> Account and BIC of beneficiary bank's agent (Option A - 2)</p> <p><b>:56A://FW021000018 BKCHCNBJ</b> National Clearing Code and BIC of beneficiary bank's agent (Option A - 3)</p> <p><b>:56D:/1234567890 Name and address</b> Account, Name and Address (Option D - 1)</p> <p><b>:56D://FW021000018 Name and address</b> National Clearing Code, Name and Address (Option D - 2)</p>	<p>Option A is the preferred option and should be used with party identifier and BIC.</p> <p>Option D can be used with a party identifier, name, and address.</p> <p>If the beneficiary bank's account is held with an intermediary bank other than BNY Mellon, providing the BIC of the intermediary bank is recommended to ensure STP.</p> <p>If Field 56 is not present, BNY Mellon will identify the intermediary bank on client's behalf.</p>
Optional	57A/B/C/D	Account with Institution	<p>This field identifies the financial institution of the ultimate beneficiary customer. This field applies even if Field 59 contains an IBAN.</p> <p>When Field 57 is not present, it means that the Receiver is also the Account With institution. It is mandatory for any payment where Field 56 is used.</p> <p>//FW021000018 is USD clearing ABA used in the examples, but any national clearing code can be used</p> <p><b>:57A:BANKUSFX</b> BIC of beneficiary bank (Option A - 1)</p>	<p>Option A is the preferred option and should be used with party identifier and BIC.</p> <p>Option B should be used with party identifier and location.</p> <p>Option C can be used with any unique identifier.</p> <p>Option D can be used with a party identifier, name, and address.</p>

			<p><b>:57A:/1234567890</b>  <b>BANKUSFX</b>  Account and BIC of beneficiary bank  (Option A - 2)</p> <p><b>:57A://FW0123456789</b>  <b>BANKUSFX</b>  National Clearing Code and BIC of beneficiary bank  (Option A - 3)</p> <p><b>:57B://FW0123456789</b>  <b>New York Branch</b>  National Clearing Code and location</p> <p><b>:57C://FW021000018</b></p> <p><b>:57D:/9876543210</b>  <b>Name and address</b>  Account, Name and Address  (Option D - 1)</p> <p><b>:57D://FW0123456789</b>  <b>Name and address</b>  National Clearing Code, Name and Address  (Option D - 2)</p>	
Mandatory	59A/F or 59	Beneficiary Customer	<p>This field specifies the customer who will be paid.</p> <p><b>:59A:</b> Account number of final beneficiary (or BIC)  <b>:59F:</b> Preferred option, as it provides structure to the customer information.  <b>:59:</b> Name and address of final beneficiary.</p> <p><b>:59F:/1234567890</b>  <b>1/NAME OF BENEFICIARY</b>  <b>2/STREET ADDRESS OF BNF</b>  <b>3/US/NEW YORK</b></p>	<p>For regulatory reasons the account number and name of the ultimate beneficiary must be provided.</p> <p>To achieve the highest STP rate, BNY Mellon recommends that clients provide the full beneficiary address.</p>
Optional	70	Remittance Information	<p>This field provides the details of the transaction or reference to another message containing such details, to be shared with the beneficiary.</p> <p><b>:70:/RFB/BET072</b></p>	
Mandatory	71A	Details of charges	<p>This field details who will incur the fees associated with this payment.</p> <p><b>BEN</b> – charges are borne by the beneficiary, through a deduction of principal.</p> <p><b>SHA</b> – originating bank charges are borne by originator and beneficiary bank charges are borne by beneficiary.</p> <p><b>OUR</b> – all charges are borne by originator</p> <p><b>:71A:BEN</b></p>	<p>BNY Mellon offers a wide range of pricing services and options which can be further provided by your dedicated Relationship Officer.</p>
Optional	72	Sender to Receiver Information	<p>This optional field provides additional information for the Receiver or other party specified.</p> <p>For specific services, we accept the following code words in this field:</p>	<p>Bilaterally agreed codewords must be placed at the start of the first line. Additional bank to bank information included on subsequent lines preceded by the appropriate code word.</p>

			<p>/INS/ &lt;followed by a literal&gt; /DEDUCT/ /FULLPAY/ /RATE/ → for FX related payments</p> <p><b>:72:/FULLPAY/</b></p>	<p>Note: The use of any other code words may result in payments processing as non-STP with BNY Mellon or any other downstream bank, resulting in potential payment delays and additional fees.</p>
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## Overview of MT 202 Requirements – General Financial Institution Transfer

An MT202 is a financial institution transfer made in favor of a third financial institution. All parties of the transaction must be financial institutions.

Mandatory / Optional	Message Field/Tag	Field Name	Description and Format	BNY Mellon Specific Recommendations
Mandatory	20	Transaction Reference Number	This is a reference number assigned by the sender to unambiguously identify the message to the receiver.  :20:Ref254	As this reference is point-to-point, BNY Mellon always substitutes our reference number in Field 20 of any outgoing advice.
Mandatory	21	Related Reference Number	This is a reference number to identify another message for which this message provides settlement.  :21:Ref765	This field may be used by the originator to provide the beneficiary clarity on the purpose of this settlement.
Mandatory	32A	Value date, currency code, amount	This field specifies the value date, the currency, and the settlement amount of the payment.  :32A:210117USD10000	BNY Mellon will accept a value date up to 30 days in the future.
Optional	52A/D	Ordering Institution	This optional field identifies the ordering financial institution when different than the Sender of the message.  :52A:IRVTGB2X BIC code of ordering institution  :52D:Bank of New York Mellon, London Branch Name of ordering institution	This field is to be used when the account servicing institution of the originator is different than the sender. Option A is preferred.
Optional	53A/B	Sender's Correspondent	This optional field identifies the account or branch of the Sender or another financial institution through which the Sender will reimburse the Receiver.  Absence of this field suggests that there is a unique account relationship between the Sender and Receiver or that the bilaterally agreed master account will be used for settlement.  :53A:/1234567890 IRVTUS33 BNY Mellon account number of Sender and BIC  :53B:/1234567890 BNY Mellon account number of Sender	This field is required if more than one account is associated with the sending BIC or if no account is associated with the sending BIC.
Optional	56A/D	Intermediary	This field specifies the financial institution used to pass the transaction to the Account With institution (beneficiary bank).  //FW021000018 is USD clearing ABA used in the examples, but any national clearing code can be used  :56A:BKCHUSBJ BIC of beneficiary bank's agent (Option A - 1)  :56A:/1234567890 BKCHUSBJ	Option A is the preferred option and should be used with party identifier and BIC.  Option D can be used with a party identifier, name, and address.  If the beneficiary bank's account is held with an intermediary bank other than BNY Mellon, providing the BIC of the intermediary bank is recommended to ensure STP.

			<p>Account and BIC of beneficiary bank's agent (Option A - 2)</p> <p><b>:56A://FW021000018 BKCHUSBJ</b> National Clearing Code and BIC of beneficiary bank's agent (Option A - 3)</p> <p><b>:56D:/1234567890 Name and address</b> Account, Name and Address (Option D - 1)</p> <p><b>:56D://FW021000018 Name and address</b> National Clearing Code, Name and Address (Option D - 2)</p>	If Field 56 is not present, BNY Mellon will identify the intermediary bank on client's behalf.
Optional	57A/B/D	Account with Institution	<p>This field identifies the financial institution of the ultimate beneficiary customer.</p> <p>When Field 57 is not present, it means that the Receiver is also the Account With institution. It is mandatory for any payment where Field 56 is used.</p> <p><b>:57A:BANKUSFX</b> BIC of beneficiary bank (Option A - 1)</p> <p><b>:57A:/1234567890 BANKUSFX</b> Account and BIC of beneficiary bank (Option A - 2)</p> <p><b>:57A://FW0123456789 BANKUSFX</b> National Clearing Code and BIC of beneficiary bank (Option A - 3)</p> <p><b>:57B://FW0123456789 New York Branch</b> National Clearing Code and location</p> <p><b>:57D:/9876543210 Name and address</b> Account, Name and Address (Option D - 1)</p> <p><b>:57D://FW0123456789 Name and address</b> National Clearing Code, Name and Address (Option D - 2)</p>	<p>Option A is the preferred option and should be used with party identifier and BIC.</p> <p>Option B should be used with party identifier and location</p> <p>Option D can be used with a party identifier, name, and address</p>
Mandatory	58A/D	Beneficiary Institution	<p>This field specifies the financial institution which has been assigned by the ordering institution as the ultimate recipient of the payment.</p> <p><b>:58A:IRVTUS3N</b> BIC of beneficiary bank</p> <p><b>:58D:/543210 ABC Bank New York, NY 11208</b> Name and address of beneficiary bank</p>	

Optional	72	Sender to Receiver Information	This optional field provides additional information for the Receiver or other party specified.  <b>:72:/INS/ABCDEFF</b>	Bilaterally agreed codewords must be placed at the start of the first line. Additional bank to bank information included on subsequent lines preceded by the appropriate code word.
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## Resources Available

BNY Mellon is a valuable resource to you in ensuring that your payments are processed on a straight-through basis and where possible, assist you in areas where your payments need to be repaired. Upon request via your dedicated Relationship Officer or Client Service Officer, we can supply you with an STP report detailing your unique payment trends over a given period, including payments that are processed without repair and when necessary, recommendations on how to increase your STP rate. No additional charges will be incurred for this offering.

For any further questions regarding payment formatting and straight through processing, please contact your dedicated Relationship Officer or Client Service Officer.

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### ABOUT BNY MELLON

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