

MT Task Creation  
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FINANCIAL SERVICES

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# 1. MT Task Creation Process

## 1.1 Introduction

Oracle FLECUBE supports two types of message processing, namely Swift message (STP and Non- STP) and Gateway message.

During STP processing, a contract will be created when the incoming messages are subjected to STP rules and pass through the rules. If the incoming message fails to clear the defined STP rules or when the data could not be parsed or extracted then the message will be tanked and available for repair from the incoming browser window. All the non-STP messages will be in the unprocessed state and can be viewed in the incoming browser.

The gateway messages are processed and for a successful transaction, a response will be sent to the external system. If the transaction fails, then an error response will be sent to the external system along with the error details.

## 1.2 MT Task Creation

The list of SWIFT messages and Gateway messages for which a task is to be created are configured when:

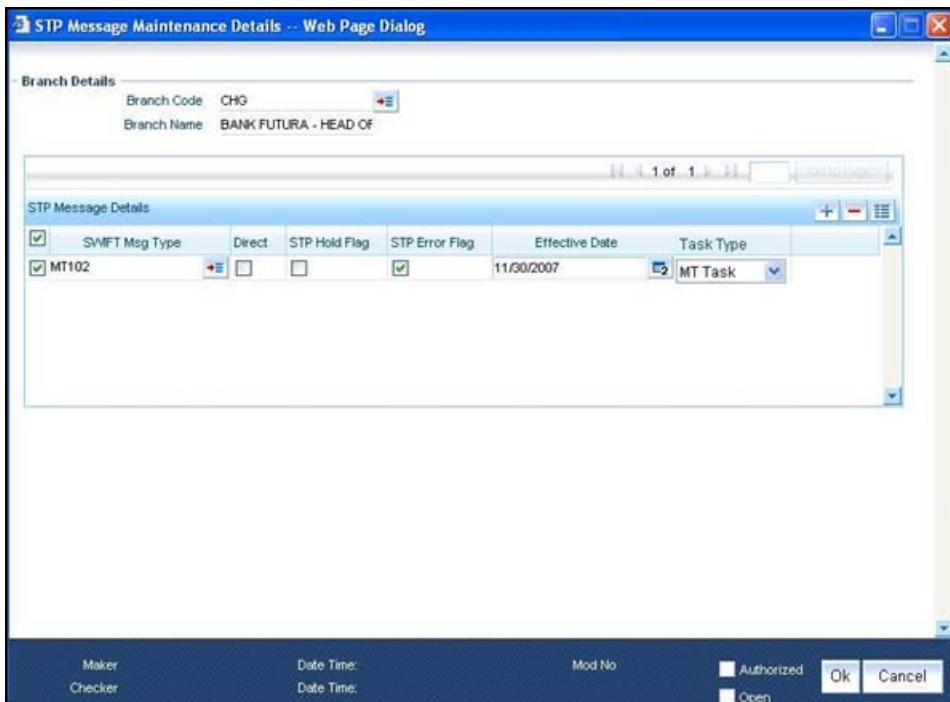
- The incoming SWIFT message is failed or put on hold.
- The gateway message is moved to the dead letter queue or if the transaction fails.

### 1.2.1 SWIFT Message –Task Creation

The task creation for SWIFT message depends on the maintenance done in the 'STP Message Maintenance Details' screen. You can invoke this screen by typing 'MSDSTPSC' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Using the 'STP Message Maintenance Details' screen, MT Task/Business Task can be created, if:

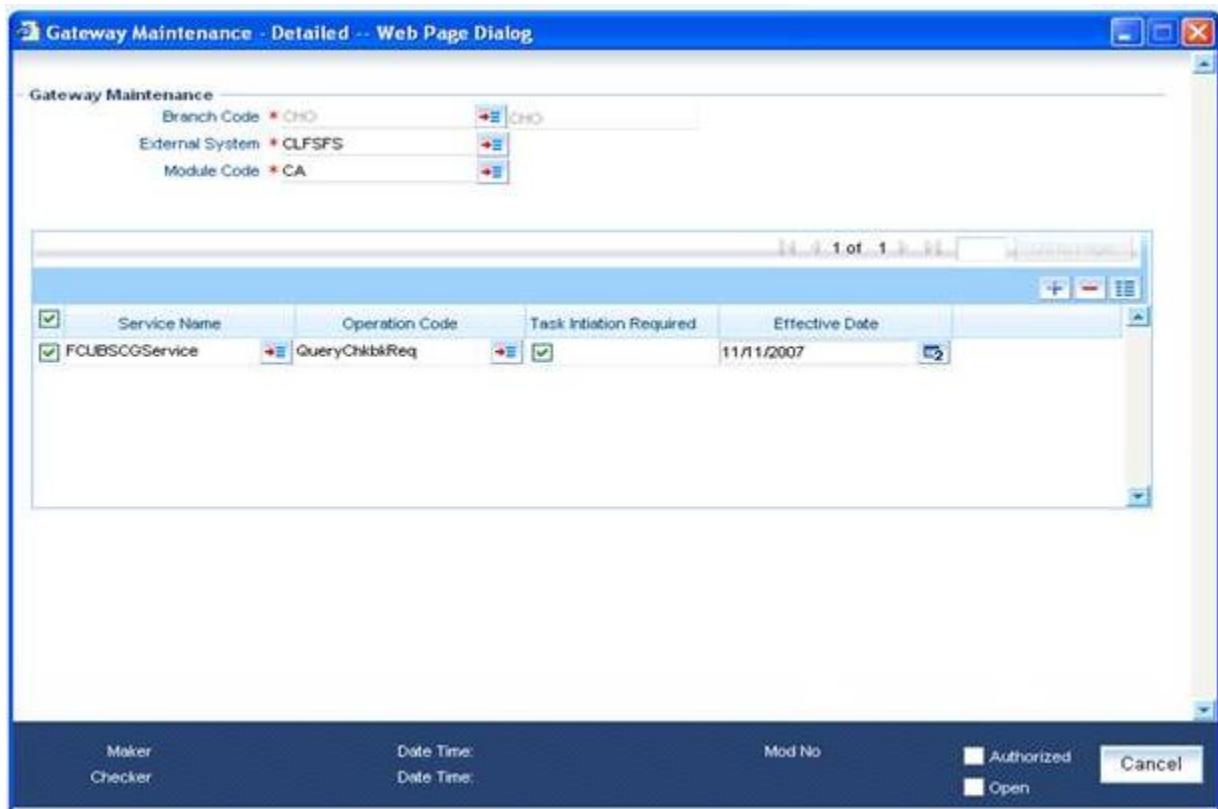
- The STP process is not required
- The STP process fails
- The STP process is successful and contract is put on hold



Refer the chapter 'Maintaining Advice Formats' in the Messaging System User Manual for more details on the screen.

### **1.2.2 Gateway Message Task Creation**

The task creation for Gateway message depends on the maintenance done in the 'Gateway Maintenance' screen. You can invoke this screen by typing 'STDGWINT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

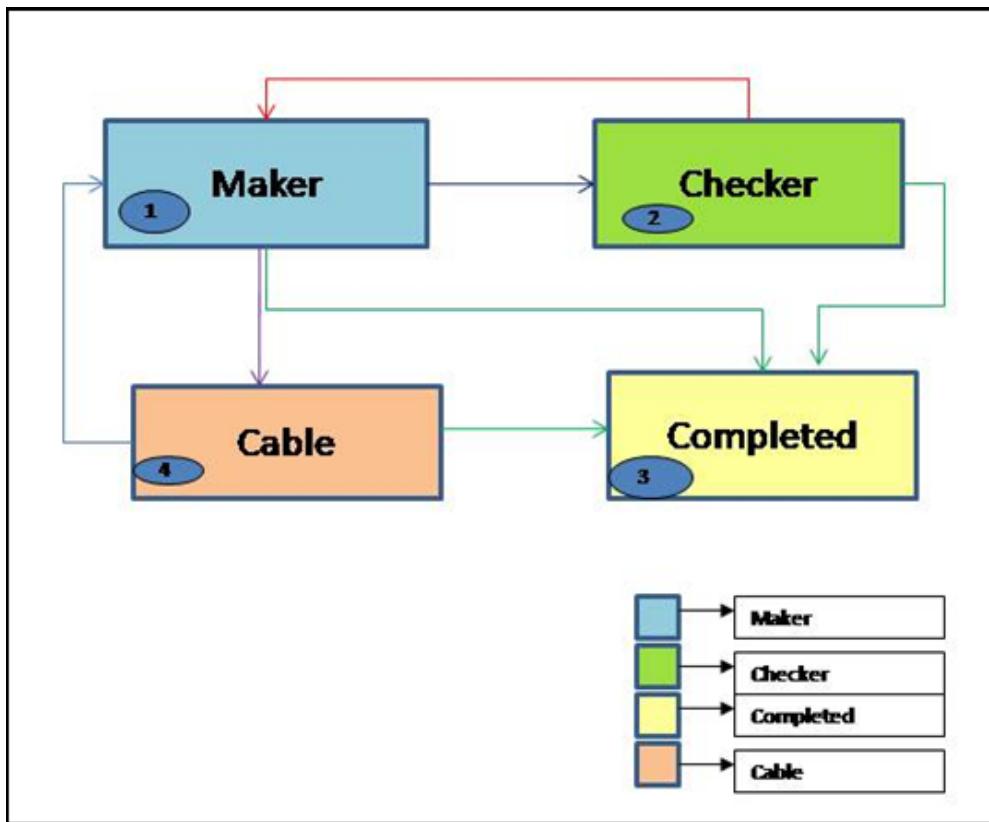


Refer the chapter 'External System Maintenance' in the Gateway User Manual for more details on the screen.

### **1.3 MT Task Process**

MT TASK process is a monitoring process for tracking the SWIFT messages/Gateway Transactions. It would be initiated based on the maintenance done for SWIFT messages and Gateway Transactions.

### 1.3.1 Flow Diagram



## 1.4 Stages in MT Task Creation

In Oracle FLEXCUBE, the process for MT task creation is governed by several user roles created to perform different tasks. At every stage, the users (with requisite rights) need to fetch the relevant transactions from their task lists and act upon them.

The MT task creation process comprises the following stages:

- Task Initiation – Maker
- Checker
- CABLE Room Operator
- Completed Stage

Only users who have procured the relevant access rights can perform activities under a stage.

### 1.4.1 Task Initiation – Maker

When the incoming SWIFT message is received, the Maker views the message and performs any one of the following task:

- Edits the incoming message/create a new contract and submit the tracking task to the checker for authorization of the message amendment/contract.
- Moves the task to the completed stage, if any action is not required.

- Refers the task to CABLE room, if the message is not reconciled or intended for the Maker.

For Gateway messages, the Maker views the error details, external reference number, inform the error details to the external system and move the task to the completed stage. On receiving the details from the external system, the maker will do any of the following tasks:

- Create/modify the contract and then move the task to the Checker for authorizing the contract.
- Move the task to the completed stage, if the maker does not want to create/modify the contract
- Send the task to the CABLE room stage, if the message is not intended to them.

#### Validations:

When the task is sent to the Checker, the system will validate if the contract/message is in auth status, if yes then an error message will be shown.

When the task is sent to the Cable room, system will validate if the contract/message is in un-auth status, if yes then an error message will be shown.

When the task is sent to the Completed Stage, system will validate if the contract/message is in un-auth status, if yes then an Configurable Override message will be shown.

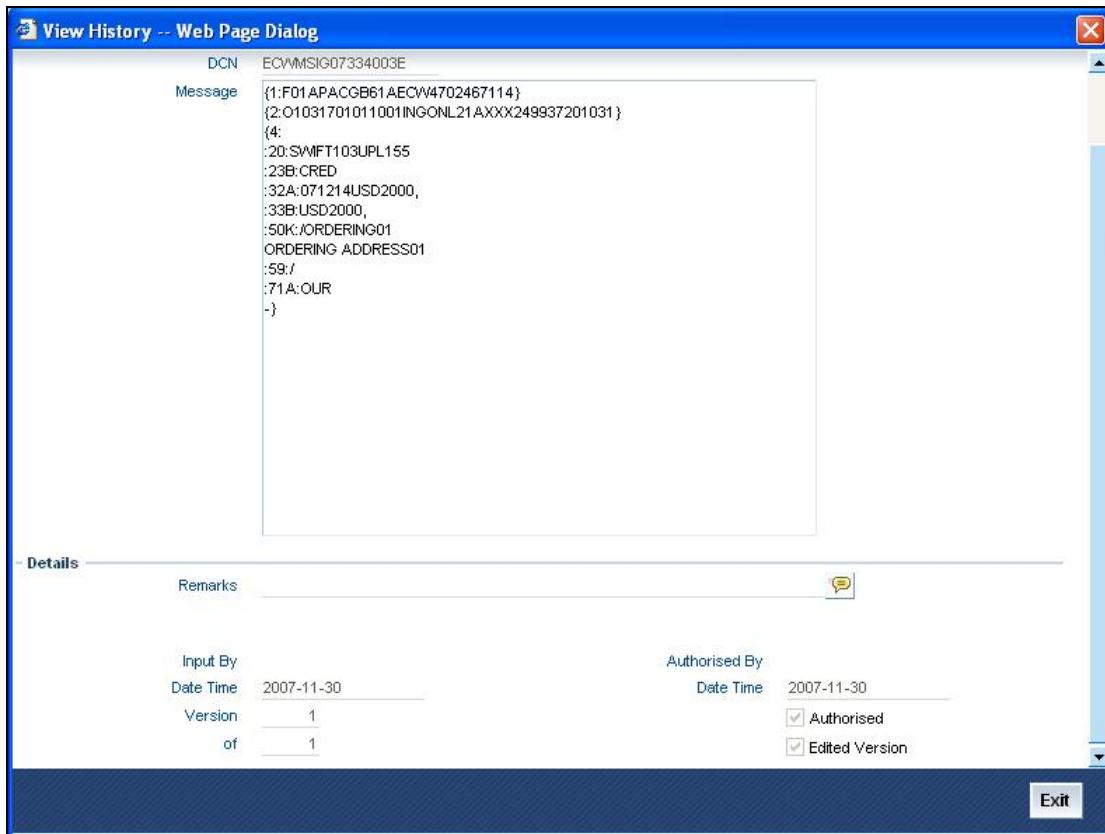
For the maker the Authorize Message button will be disabled.

Error Code	Error Message
FT-C6202	/Beneficiary bank Problem

The system displays the following details:

- Workflow Reference No.
- Source Code
- Source Reference Number
- DCN
- Message Type
- Message Version Number
- Send To
- FCUBS Reference Number
- Module Code
- Error Code
- Error Message
- Internal Remarks

Click on the 'View Message' button to view the message.



Click on the 'Message Details' button to view the message details.

**Incoming Message Browser -- Web Page Dialog**

DCN * ECVMSIG07334003E	Status R	Branch EOW
Reference Number SMFT103UPL155	Currency USD	Media Control System SWIFT
Sender INGONL21	Amount 2,000.00	Node KERNEL11G.WORLD
Media SWIFT	Value Date 2007-12-14	Test Word
Swift Message Type 103	External Reference Number	Repair Reason FT-C6202
Queue OUT103002	Multi Credit Reference Number	Required Execution Date
Operation		
Name		
Address1		
Address2		
Address3		
Address4		
Location		
- Suppress Details		
Process Status Repair	Remarks	
PDE Flag	Suppress Options	No Suppress
Checker Date Stamp 2007-11-30	Entry By SYSTEM	Suppress Status N
Checker ID SYSTEM	Maker Date Stamp 2007-11-30	Funding Exception Status
Modification Number 5	Cover Match Status Y	<input type="checkbox"/> Authorization Status

OK Exit

 The message details will be available only for STP messages.

Click on the 'Edit Message' button in the 'Receive and Verify' screen to edit the message. The 'Edit Message' screen will be displayed.

**Edit Message -- Web Page Dialog**

Reference Number SMFT103UPL155	Current Version 2	<input type="checkbox"/> Remove Trailer																																										
Sender INGONL21	Previous Version 2	Mod No 5																																										
Swift msg type 103																																												
<table border="1"> <tr> <td colspan="3">New Message</td> </tr> <tr> <td><input type="checkbox"/> Field *</td> <td>Tag</td> <td>Field V</td> </tr> <tr> <td><input type="checkbox"/> 32</td> <td>A</td> <td>2000,</td> </tr> <tr> <td><input type="checkbox"/> 20</td> <td></td> <td>SMFT103UPL155</td> </tr> <tr> <td><input type="checkbox"/> 23</td> <td>B</td> <td>CRED</td> </tr> <tr> <td><input type="checkbox"/> 32</td> <td>A</td> <td>071214</td> </tr> <tr> <td><input type="checkbox"/> 32</td> <td>A</td> <td>USD</td> </tr> </table> <table border="1"> <tr> <td colspan="3">Old Message</td> </tr> <tr> <td><input type="checkbox"/> Field *</td> <td>Tag</td> <td>Field Name</td> </tr> <tr> <td><input type="checkbox"/> 20</td> <td></td> <td>20</td> </tr> <tr> <td><input type="checkbox"/> 23B</td> <td>B</td> <td>23</td> </tr> <tr> <td><input type="checkbox"/> 32A</td> <td>A</td> <td>32</td> </tr> <tr> <td><input type="checkbox"/> 32A</td> <td>A</td> <td>32</td> </tr> <tr> <td><input type="checkbox"/> 32A</td> <td>A</td> <td>32</td> </tr> </table>			New Message			<input type="checkbox"/> Field *	Tag	Field V	<input type="checkbox"/> 32	A	2000,	<input type="checkbox"/> 20		SMFT103UPL155	<input type="checkbox"/> 23	B	CRED	<input type="checkbox"/> 32	A	071214	<input type="checkbox"/> 32	A	USD	Old Message			<input type="checkbox"/> Field *	Tag	Field Name	<input type="checkbox"/> 20		20	<input type="checkbox"/> 23B	B	23	<input type="checkbox"/> 32A	A	32	<input type="checkbox"/> 32A	A	32	<input type="checkbox"/> 32A	A	32
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<input type="checkbox"/> 32A	A	32																																										
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Repair Reason																																												
<input type="checkbox"/> Repair	Status	Message Status	Latest Version No																																									
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Exit



You can edit the messages only MT103, MT200, and MT202.

Click on the 'Online Initiation' button in the 'Receive and Verify' screen. The system will launch the appropriate contract online screen based on the module code selected.

For Example, if module 'FT' is selected, system will launch the 'Fund Transfer Contract Input' online screen. .

The screenshot shows the 'Funds Transfer Contract Input -- Web Page Dialog' window. The main input fields are:

- Product: \* FTG
- Product Description: Incoming Funds Transfer in TARGET2 network with normal priority and Payment type-CB within EU Zone.
- Reference Number: \* ECWFTTG073370002
- Transaction Type
- User Reference: ECWFTTG073370002
- Instruction Code
- Message Reference
- Source Code
- Source Reference: TARGET103UPL10
- Booking Date: 03-Dec-2007

The 'Main' tab is selected. Below it, the 'Debit' and 'Credit' sections are shown:

Debit	Credit
Debit Currency: * EUR	Credit Currency: * EUR
Debit Amount: * 4,050.00	Credit Amount: * 4,050.00
Debit Branch: * ECW	Credit Branch: * ECW
Debit Account: * ECW340EUR01	Credit Account: * ECW056EUR01
Debit Value Date: * 03-Dec-2007	Credit Value Date: * 03-Dec-2007
Debit Spread	Credit Spread
Debit Spread Date	Credit Spread Date

At the bottom, there are tabs for Events, Charge Claim, Change Log, Settlement, Message Generation, Advices, Charges, Tax, MIS, Fields, and Customer Cover Details. The status bar at the bottom shows:

- Input By: SYSTEM
- Date Time: 03-Dec-2007 12:40:09
- Authorized By: SYSTEM
- Date Time: 03-Dec-2007 12:40:09
- Contract Status:  Authorized
- Liquidated
- Process Status: Processed
- Exit

#### 1.4.2 Checker

When the incoming SWIFT messages and Gateway messages are received, the checker will perform the following task:

- View the message and error details
- Create/modify the contract/ message
- Authorize the contract/ message and move the task to the completed stage.

If any information or modification is required, the checker will send the task back to the maker who initiated the task.

#### Validations:

When the task is sent to the Completed Stage, system will validate if the contract/message is in un-auth status, if yes then a Configurable Override message will be shown.

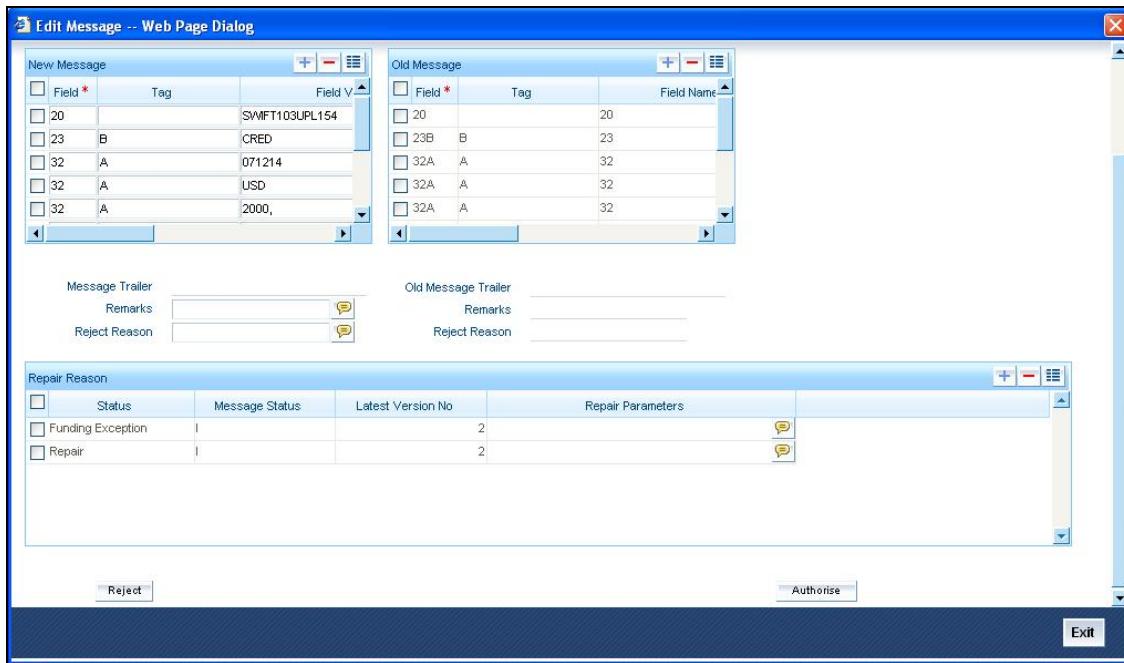
Checker can view the contract details by clicking on the 'View Online' button.

For the Checker, the 'Edit Message' button will be disabled.

**Receive And Verify -- Web Page Dialog**

Workflow Reference #	MT_NB_STP1318	Priority	Low		
<b>Message Details</b>		<b>Contract Details</b>			
Source Code	STP	FCC Reference Number			
Source Reference Number	* STPMTTSS07348000A	Module Code			
DCN	* ECVMSIG07334003D	1 of 1			
Message Type	103	Error Details			
Message Version Number	2	<input checked="" type="checkbox"/> Error Code	Error Message		
<b>Activity Details</b>		<input checked="" type="checkbox"/> FT-C6202	Beneficiary/Beneficiary be		
Send To	Completed	Internal Remarks			
<a href="#">View Message</a> <a href="#">View Online</a> <a href="#">Message Details</a> <a href="#">Edit Message</a> <a href="#">Authorize Message</a>					
Prev Remarks	Remarks	Audit	Outcome	Proceed	Exit

Click on the 'Authorize Message' button to view the edited details and authorize message.



#### 1.4.3 CABLE Room Operator

Cable room operator can view the message, error details and decide whether to send the task to the Maker of Trade Team or Remittance team. Cable room operator can also send the task directly to the completed stage.

**Receive And Verify -- Web Page Dialog**

Workflow Reference #	MT_NB_STP1319	Priority	Low														
<b>Message Details</b> <table border="1"> <tr> <td>Source Code</td> <td>STP</td> </tr> <tr> <td>Source Reference Number</td> <td>*STPMUTTS07348000B</td> </tr> <tr> <td>DCN</td> <td>*ECWMSIG07334003E</td> </tr> <tr> <td>Message Type</td> <td>103</td> </tr> <tr> <td>Message Version Number</td> <td>2</td> </tr> </table>		Source Code	STP	Source Reference Number	*STPMUTTS07348000B	DCN	*ECWMSIG07334003E	Message Type	103	Message Version Number	2	<b>Contract Details</b> <table border="1"> <tr> <td>FCC Reference Number</td> <td></td> </tr> <tr> <td>Module Code</td> <td>FT</td> </tr> </table>		FCC Reference Number		Module Code	FT
Source Code	STP																
Source Reference Number	*STPMUTTS07348000B																
DCN	*ECWMSIG07334003E																
Message Type	103																
Message Version Number	2																
FCC Reference Number																	
Module Code	FT																
<b>Error Details</b> <table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>Error Code</td> <td>Error Message</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>FT-C6202</td> <td>Beneficiary/Beneficiary be </td> </tr> </table>				<input checked="" type="checkbox"/>	Error Code	Error Message	<input checked="" type="checkbox"/>	FT-C6202	Beneficiary/Beneficiary be 								
<input checked="" type="checkbox"/>	Error Code	Error Message															
<input checked="" type="checkbox"/>	FT-C6202	Beneficiary/Beneficiary be 															
<b>Narrative</b> <p>Internal Remarks: Beneficiary/Beneficiary bank Pr </p>																	
<a href="#">View Message</a> <a href="#">Online Initiation</a> <a href="#">Message Details</a> <a href="#">Edit Message</a> <a href="#">Authorize Message</a>																	
Prev Remarks	Remarks	Audit	Outcome														
		Proceed	Exit														

Specify the following details:

#### Send To

Select the stage to which the task has to be moved from the drop-down list. The list contains the following options:

- Completed
- Maker

#### Team Option

Select the team to which the task has to be moved from the drop-down list. The list contains the following options:

- Trade
- Remittance

You can select this option only when 'Send to Maker' is 'Team'.

#### **1.4.4 Completed Stage**

The user can view the completed stage in the screen.

The screenshot shows the 'Receive And Verify -- Web Page Dialog' window. The 'Workflow Reference #' is MT\_NB\_STP1319 and the 'Priority' is Low. The 'Message Details' section includes Source Code (STP), Source Reference Number (STPMTTS07348000B), DCN (ECWMSIG07334003E), Message Type (103), and Message Version Number (2). The 'Contract Details' section shows FCC Reference Number and Module Code (FT). The 'Error Details' section displays an error for FT-C6202: 'Beneficiary/Beneficiary to be'. The 'Narrative' section has an 'Internal Remarks' field and a 'Beneficiary/Beneficiary bank Pr' button. The bottom navigation bar includes View Message, Online Initiation, Message Details (selected), Edit Message, Authorize Message, Prev Remarks, Remarks, Audit, Outcome, Proceed, and Exit buttons.

#### **1.5 Stage Transition Rule**

Source Stage	Path	Destination Stage	Rule
Task Initiation/Maker	1 – 3	Completed	Direct filing and when the maker sends the task to the Completed Stage. If the contract is not authorized, then an override will be shown.
Task Initiation/Maker	1 – 2	Checker	If the Contract is created/modified or if the message is modified.
Checker	2 – 3	Completed	If the Contract/Message is authorized then the Checker can send the task to the completed stage. When the Checker sends the task to the completed stage if the contract/message is not authorized then an override will be shown.

Checker	2 – 1	Maker	If the Checker wants any information, he/she will send the task to the maker.
Task Initiation/Maker	1 – 4	CABLE	If the Maker decides that this task is for his team task then he/she will send the task to the CABLE.
CABLE	4 – 1	Maker	If the CABLE room operator decides to send this task Maker of the Trade team, then he/she will select the Trade Team option and send task to the maker.
			If the CABLE room operator decides to send this task to the Maker of the Remittance team, then he/she will select the Remittance Team option and send task to the maker.
CABLE	4 – 3	Completed	Direct filing

## 1.6 **Role Responsibility Matrix**

S. No	Stage	Role	Access rights	Comments
1	Task Initiation/Maker - Trade	Maker-Trade	Modify Task	
		Checker-Trade	View Task	
		Cable	View Task	
2	Checker-Trade	Checker-Trade	Modify Task View Task	
		Maker-Trade	View Task	
		Cable	View Task	
3	Maker-Remittance	Maker-Remittance	Modify Task	
		Checker-Remittance	View Task	
		Cable	View Task	
4	Checker-Remittance	Checker-Remittance	Modify Task View Task	
		Maker-Remittance	View Task	
		Cable	View Task	

S. No	Stage	Role	Access rights	Comments
5	Cable	Cable	Modify Task View Task	
		Maker-Remittance Maker--Trade	View Task	
		Checker-Remittance Checker-Trade	View Task	
5	Completed Transactions	Checker-Remittance Checker-Trade	View Task	
		Cable	View Task	
		Maker—Remittance Maker--Trade	View Task	



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