



**COD Interfaces
Assembly Test Plan**

Date: 12/7/2001

Interface Name: DLOS - COD

Developer: Joshua

Tester Initials: JN/MK

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
Cycle 1: Normal								
Sub-Cycle 1: sendDatagram								
1.1.1	Y	sendDatagram()	Send a datagram with correctly named service, and within all length parameters into a queue allowing a put that is not full	Normal Process		Function should call common logger upon starting and successfully completing condition. Message should be placed on queue specified in AMI	Pass	
Sub-Cycle 2: sendRequestReceiveReply								
1.2.1	Y	sendRequestReceiveReply()	Send a Req/Reply with correctly named service, and within all length parameters into a queue allowing a put that is not full	Normal Process		Function should call common logger upon starting and successfully completing condition and deliver response string to calling	Pass	
Sub-Cycle 3: Borrower Validation Interface								
1.3.1	Y	sendRequestReceiveReply()	Send a Borrower Validation with correctly named service, and within all length parameters into a queue allowing a put that is not full	Normal Process		Function should call common logger upon starting and successfully completing condition and deliver response string to calling	Pass	
Sub-Cycle 4: Credit Check Interface								
1.4.1	Y	sendRequestReceiveReply()	Send a Credit Check with correctly named service, and within all length parameters into a queue allowing a put that is not full	Normal Process		Function should call common logger upon starting and successfully completing condition and deliver response string to calling	Pass	
Sub-Cycle 5: P-Note Image Interface								

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
1.5.1	Y	sendRequestReceiveReply()	Send a P-Note Image Metadata packet with correctly named service, and within all length parameters into a queue allowing a put that is not full	Normal Process		Function should call common logger upon starting and successfully completing condition. Message should be placed on queue specified in AMI	Pass	
Sub-Cycle 6: Endorser Addendum Interface								
1.6.1	Y	sendRequestReceiveReply()	Send an Endorser Addendum metadata packet with correctly named service, and within all length parameters into a queue allowing a put that is not full	Normal Process		Function should call common logger upon starting and successfully completing condition. Message should be placed on queue specified in AMI	Pass	



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Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
Cycle 2 - Expected Error -- JAVA								
Sub-Cycle 1: sendDatagram								
2.1.1			Send a datagram where the local queue manager is down	Queue Manager Not Available		Function should call common logger upon starting and discovering QM is down. Function should return error "Queue Manager is Not Available" to calling function	Pass	
2.1.2			Send datagram with destination Queue Manager down	Persistent messages		Message will be sent, and held in the transmission queue until the destination queue manager becomes available	Pass	
2.1.3			Send datagram with Put Inhibited on Destination Queue	Persistent Messaging		Message will be sent, and will be held in the deadletter queue on the receiving system.	Pass	
2.1.4			Send datagram with missing AMI Repository	Ability to handle AMI Errors		Message will not be sent.	Pass	
2.1.5			Send datagram with missing AMI Policy	Ability to handle AMI Errors		Message will not be sent.	Pass	Incorrect Condition. Will use default Policy
2.1.6			Send datagram with missing AMI Service	Ability to handle AMI Errors		Message will not be sent.	Pass	
Sub-Cycle 2: sendRequestReceiveReply								
2.2.01			Send a Req/Reply where the local queue manager is down	Queue Manager Not Available		Message will not be sent.	Pass	
2.2.02			Send a Req/Reply where the remote queue manager is down	Timeout of non-persistent message		Message will be sent, and will be held in the transmission queue.	Pass	

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
2.2.03			Send Req/Reply with destination queue full	Timeout of non-persistent message		Message will be sent, and held in the deadletter queue on the receiving system.	Pass	
2.2.04			Send Req/Reply with transmission queue full	Queue Manager Not Available		Message will not be sent.	Skipped	Skipped. Scott says condition is a repeat of 2.2.06
2.2.05			Send Req/Reply with response destination queue full	Timeout of non-persistent message		Message will be sent, and held in the deadletter queue on the local system.	Pass	
2.2.06			Send Req/Reply with transmission queue full	Timeout of non-persistent message		Message will not be sent.	Pass	
2.2.07			Send Req/Reply with Put Inhibited on Request Remote Queue	Queue Manager Not Available		Message will not be sent.	Pass	
2.2.08			Send Req/Reply with Put Inhibited on Request Destination Queue	Timeout of non-persistent message		Message will be sent, and held in the deadletter queue on the receiving system.	Pass	
2.2.09			Send Req/Reply with Put Inhibited on Remote Response Queue	Timeout of non-persistent message		Message will be sent, and will time out. Should cause error within the test stub.	Pass	
2.2.10			Send Req/Reply with Put Inhibited on Response Destination Queue	Timeout of non-persistent message		Message will be sent, and held in the deadletter queue on the local system.	Pass	
2.2.11			Send Req/Reply with Max message size on Request Destination Queue smaller than message	Timeout of non-persistent message		Message will be sent, and held in the deadletter queue on the receiving system.	Pass	
2.2.12			Send Req/Reply with Max message size on Response Destination Queue smaller than message	Timeout of non-persistent message		Message will be sent, and held in the deadletter queue on the local system.	Pass	
2.2.13			Send Req/Reply with missing AMI Repository	Ability to handle AMI Errors		Message will not be sent.	Pass	
2.2.14			Send Req/Reply with missing AMI Policy	Ability to handle AMI Errors		Message will not be sent.	Pass	
2.2.15			Send Req/Reply with missing AMI Request Service	Ability to handle AMI Errors		Message will not be sent.	Pass	
2.2.16			Send Req/Reply with missing AMI Response Service	Ability to handle AMI Errors		Message will not be sent.	Pass	
Cycle 3 - Expected Error -- MQSI								
Sub-Cycle 1: Borrower Validation								

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
3.1.01			Send Borrower Validation with incorrectly formatted Request Input Data	MQSI Error Handling		Message will be sent to an error queue by MQSI	Not Conducted	Could not pass bad data through EDS provided Test Stub
3.1.02			Send Borrower Validation with incorrectly formatted Response Input Data	MQSI Error Handling		Message will be sent to an error queue by MQSI	Pass	
Sub-Cycle 2: Credit Check								
3.2.01			Send Credit Check with incorrectly formatted Request Input Data	MQSI Error Handling		Message will be sent to an error queue by MQSI	Not Conducted	Could not pass bad data through EDS provided Test Stub
3.2.02			Send Credit Check with incorrectly formatted Response Input Data	MQSI Error Handling		Message will be sent to an error queue by MQSI	Pass	
Sub-Cycle 3: P-Note Image								
3.3.01			Send P-Note Image Meta-Data Record with incorrectly formatted Input Data	MQSI Error Handling		Message will be sent to an error queue by MQSI	Not Conducted	Could not pass bad data through EDS provided Test Stub
Sub-Cycle 4: Endorser Addendum								
3.4.01			Send Endorser Addendum Meta-Data Record with incorrectly formatted Input Data	MQSI Error Handling		Message will be sent to an error queue by MQSI	Not Conducted	Could not pass bad data through EDS provided Test Stub