



**FP Data Mart Interfaces
Assembly Test Plan**

Date: 5/20/2002

Interface Name: PEPS - NSLDS - FPDM

Developer: David Liu Tester Initials: DL

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
Cycle 1: Normal								
Sub-Cycle 1: Send test file from EAI2 Queue Manager to TradingPartners with Pooling								
1.1.1		DI File transfer	Send file from EAI2 to Informatica via test shell scripts.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file created by EAI	test file expected in /tmp at Informatica	Pass	
1.1.2		DI File transfer	Send file from EAI2 to NSLDS via test shell scripts.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file created by EAI	test file expected at NSLDS	Pass	
1.1.2		DI File transfer	Send file from EAI2 to PEPS via test shell scripts.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file created by EAI	test file expected in /tmp at PEPS	Pass	
Sub-Cycle 2: Receive test file from TradingPartners to EAI2 Queue Manager with pooling								
1.2.1		DI File transfer	Send file from Informatica to EAI2	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file created by EAI	test file expected in /tmp on EAI2	Pass	
1.2.2		DI File transfer	Send file from NSLDS to EAI2.B	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file created by EAI	test file expected in /tmp on EAI2	Pass	
1.2.3		DI File transfer	Send file from PEPS to EAI2.B	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file created by EAI	test file expected in /tmp on EAI2	Pass	
Sub-Cycle 3: Send test file from EAI1 to trading partner and start an external process from a receiver post process data exit at the trading partner								
1.3.1		DI File transfer	Send a file from EAI2 to Informatica and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file created by EAI	Test file expected in /tmp at Informatica and test process kicked off.	NA	
1.3.2		DI File transfer	Send a file from EAI2 to NSLDS and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file created by EAI	Test file expected at NSLDS and test process kicked off.	NA	

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
1.3.3		DI File transfer	Send a file from EAI2 to PEPS and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file created by EAI	Test file expected in /tmp at PEPS and test process kicked off.	NA	
Sub-Cycle 8: Send test file from the trading partner to EAI2 and start an external process from a receiver post process data exit at EAI2								
1.8.1		DI File transfer	Send a file from Informatica to EAI2 and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file created by EAI	Test file expected in /tmp at EAI2 and test process kicked off.	NA	
1.8.2		DI File transfer	Send a file from NSLDS to EAI2 and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file created by EAI	Test file expected in /tmp at EAI2 and test process kicked off.	NA	
1.8.3		DI File transfer	Send a file from PEPS to EAI2 and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file created by EAI	Test file expected in /tmp at EAI2 and test process kicked off.	NA	
Sub-Cycle 4: Send test file from Trading Partner to Informatica								
1.4.1		DI File transfer	Send file from PEPS to Informatica.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file similar to production size created by EAI	test file expected in /tmp at Informatica	Pass	
1.4.2		DI File transfer	Send file from NSLDS to Informatica.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file similar to production size created by EAI	test file expected in /tmp at Informatica	Pass	
Sub-Cycle 5: Send test file from Trading Partner to PEPS								
1.5.1		DI File transfer	Send file from Informatica to PEPS.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file similar to production size created by EAI	test file expected in /tmp at PEPS.	Pass	
Sub-Cycle 6: Send test file from Trading Partner to NSLDS								
1.6.1		DI File transfer	Send file from Informatica to NSLDS.	Validate MQ Queue Configuration. Validate DI ftfconfig.ini file	Dummy test file similar to production size created by EAI	test file expected at NSLDS.	Pass	
Sub-Cycle 7: Send test file from Trading Partner to Informatica and test receiver post process on Informatica								
1.7.1		DI File transfer	Send file from PEPS to Informatica and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file similar to production size created by EAI	test file expected in /tmp at Informatica and test process kicked off	Pass	
1.7.2		DI File transfer	Send file from NSLDS to Informatica and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file similar to production size created by EAI	test file expected in /tmp at Informatica and test process kicked off	Pass	
Sub-Cycle 8: Send test file from Trading Partner to PEPS and test receiver post process on PEPS								

Number	Regression	Interface Component	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
1.8.1		DI File transfer	Send file from Informatica to PEPS and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file similar to production size created by EAI	test file expected in /tmp at PEPS and test process kicked off	NA	
Sub-Cycle 9: Send test file from Trading Partner to NSLDS and test receiver postprocess on NSLDS								
1.9.1		DI File transfer	Send file from Informatica to NSLDS and kick off a test process.	The receiver postprocess has been correctly defined in exit DLL	Dummy test file similar to production size created by EAI	test file expected at NSLDS and test process kicked off	NA	



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Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
Cycle 2 - Expected Error								
Sub-Cycle 1: Source file not found on sender server								
2.1.1		DI File Transfer	Execute "sendnofile" shell script to attempt to send a file that does not exist from the EAI Bus to NSLDS		NA	Failure message sent to NOTIFY queue on source QM. Error messages sent to nohup.out logfile. Failure message in FTFSTAT	PASS	
2.1.2		DI File Transfer	Modify JCL to send a file that did not exist. from NSLDS to the EAI Bus.		NA	Failure message sent to NOTIFY queue on source QM. Failure message in FTFSTAT	PASS	
2.1.3		DI File Transfer	Execute "sendnofile" shell script to attempt to send a file that does not exist from the EAI Bus to FPDM		NA	Failure message sent to NOTIFY queue on source QM. Error messages sent to nohup.out logfile. Failure message in FTFSTAT	PASS	
2.1.4		DI File Transfer	Execute "sendnofile" shell script to attempt to send a file that does not exist from the FPDM to EAI Bus		NA	Failure message sent to NOTIFY queue on source QM. Failure message in FTFSTAT	PASS	
2.1.5		DI File Transfer	Execute "sendnofile" shell script to attempt to send a file that does not exist from the EAI Bus to PEPS		NA	Failure message sent to NOTIFY queue on source QM. Error messages sent to nohup.out logfile. Failure message in FTFSTAT	PASS	

Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fail	Comments
2.1.6		DI File Transfer	Execute "sendnofile" shell script to attempt to send a file that does not exist from the PEPS to EAI Bus		NA	Failure message sent to NOTIFY queue on source QM. Failure message in FTFSTAT	PASS	



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Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fai	Comments
Cycle 3 - Unexpected Error								
Sub-Cycle 1: MQ Queue Manager is unavailable								
3.1.1		DI File Transfer	Change destination queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from EAI Bus to NSLDS via 'NSLDSsendnoMQ1' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to NOTIFY queue on source QM.	PASS	
3.1.2		DI File Transfer	Change source queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from NSLDS to EAI Bus via 'NSLDSsendnoMQ2' shell script.		Dummy test file, "NSLDST.PR6005.GDM1878.PE001" created by EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to standard out.	PASS	
3.1.3		DI File Transfer	Change destination queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from EAI Bus to FPDM via 'FPDMsendnoMQ1' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to NOTIFY queue on source QM.	PASS	
3.1.4		DI File Transfer	Change source queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from FPDM to EAI Bus via 'FPDMsendnoMQ2' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to standard out.	PASS	
3.1.5		DI File Transfer	Change destination queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from EAI Bus to PEPS via 'PEPSSendnoMQ1' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to NOTIFY queue on source QM.	PASS	

Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fai	Comments
3.1.6		DI File Transfer	Change source queue manager to a QM that does not exist to simulate a Queue Manager being unavailable. Send file from PEPS to EAI Bus via 'PEPSENDnoMQ2' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	MQMon must notify that QM is down. Failure message sent to standard out.	PASS	
Sub-Cycle 2: MQ Queues and Channels are unavailable								
3.2.1		DI File Transfer	Make MQ Queues and channels unavailable. Send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Failure message sent to NOTIFY queue. No failure message in log file. The request will need to expire.	PASS	
3.2.2		DI File Transfer	Make MQ Queues and channels unavailable. Send file from EAI Bus to FPDM via 'FPDMsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Failure message sent to NOTIFY queue. No failure message in log file. The request will need to expire.	PASS	
3.2.3		DI File Transfer	Make MQ Queues and channels unavailable. Send file from EAI Bus to PEPS via 'PEPSsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Failure message sent to NOTIFY queue. No failure message in log file. The request will need to expire.	PASS	
Sub-Cycle 3: DataIntegrator sender/receiver/manager services are unavailable								
3.3.1		DI File Transfer	Issues 'ftfend' command to stop DI services on source (EAI Bus) and send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
3.3.2		DI File Transfer	Issues 'ftfend' command to stop DI services on destination (NSLDS) and send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
3.3.3		DI File Transfer	Issues 'ftfend' command to stop DI services on source (EAI Bus) and send file from EAI Bus to FPDM via 'FPDMsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
3.3.4		DI File Transfer	Issues 'ftfend' command to stop DI services on destination (NSLDS) and send file from EAI Bus to FPDM via 'FPDMsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Request will have to expire. No error message.	PASS	

Number	Regression	Interface	Action	Condition	Input Data	Expected Results	Pass/Fai	Comments
3.3.3		DI File Transfer	Issues 'tfend' command to stop DI services on source (EAI Bus) and send file from EAI Bus to PEPS via 'PEPSSendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
3.3.4		DI File Transfer	Issues 'tfend' command to stop DI services on destination (NSLDS) and send file from EAI Bus to PEPS via 'PEPSSendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	Request will have to expire. No error message.	PASS	
Sub-Cycle 4: DataIntegrator specific queues are filled past capacity								
3.4.1		DI File Transfer	Make DI queues exceed max size capacity. Send file from EAI Bus to NSLDS via 'NSLDSsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	File transfer takes longer than expected	PASS	
3.4.2		DI File Transfer	Make DI queues exceed max size capacity. Send file from EAI Bus to FPDM via 'FPDMsendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	File transfer takes longer than expected	PASS	
3.4.3		DI File Transfer	Make DI queues exceed max size capacity. Send file from EAI Bus to PEPS via 'PEPSSendfile' shell script.		Dummy test file, "testfile.txt" created by EAI Interfaces test team.	File transfer takes longer than expected	PASS	