



Date: 10/29/2002

Interface Name: CPS - COD

Developer: Linda Kim Tester Initials: LK

| Number | Regression | Interface Component | Action | Condition | Input Data | Expected Results | Pass/Fail | Comments |
|---|------------|---------------------|--|--|---|---|-----------|--|
| Cycle 1: Normal | | | | | | | | |
| Sub-Cycle 1: Send File from EAI Bus to CPS | | | | | | | | |
| 1.1.1 | | DI File transfer | Send file from EAI Bus to CPS via 'CPSsendfile' shell script. | Validate MQ Queue Configuration. Validate DI ftfconfig.ini file | Dummy test file, "PEL8035.TARGET.FILE" created by COD EAI Interfaces test team. | "PEL8035.TARGET.FILE" expected at CPS | PASS | Initiating this file transfer from a shell script is a stub for COD. In production COD will initiate this file transfer via JCL. |
| 1.1.2 | | DI File transfer | Send dummy file from EAI Bus to CPS appropriate test dataset via batch channels. | Validate MQ Queue Configuration. Validate DI ftfconfig.ini file | | CPSIII.T731172.F1000Y03.IN expected at CPS and T7393002 test process triggered | PASS | Tested 1/10/02 |
| Sub-Cycle 2: Send File via JCL from CPS to the EAI Bus | | | | | | | | |
| 1.2.1 | | DI File transfer | Send file from CPS to EAI Bus via JCL. Need to edit JCL (done by NCS), to call PROC to initiate DI file transfer request. | Validate MQ Queue Configuration. Validate DI ftfconfig.ini file | Provided by CPS | File from CPS in /export/home/mqm/eai/ftf/temp/cpsaar on the EAI Bus server SU35E17 | PASS | Dan Butler modified a JCL to send us a sample abbreviated applicant file 'cpsaar' |
| Sub-Cycle 3: Pooling with Local Pool Queues set up at CPS | | | | | | | | |
| 1.3.1 | | DI File transfer | Send a 210 MB file from EAI Bus to CPS via 'sendpooledfile' shell script. NOTE: Before this step is executed the ftfrcv process should be stopped on the CPS server, so the Local Queues set up for pooling will collect messages in the Queues. | Validate MQ Queues and Alias Queues that have been configured for pooling. | Provided by COD EAI Interfaces team. Schoolfile210mb.txt | Local Pool Queues have an evenly distributed number of messages. The message count should be (file size=3MB)/(default message size =512KB) ~ = 6 messages / overflow. | PASS | ftfconfig.ini file needs to have POOLS set up with the correct number of maxqueues and overflow. |
| 1.3.2 | | DI File transfer | Start up ftfrcv process on the CPS server. | | | "PEL8035.TARGET.FILE" expected at CPS. All Local Pool Queues are emptied because the messages have been reassembled to create the file. | PASS | |
| Sub-Cycle 4: Start an external process from a sender pre process data exit | | | | | | | | |

| Number | Regression | Interface Component | Action | Condition | Input Data | Expected Results | Pass/Fail | Comments |
|--|------------|---------------------|--|---|--|--|-----------|------------------------|
| 1.4.1 | | DI File transfer | Use a sender pre process exit to start 'testprocess' with a file sent from the EAI Bus to CPS via 'CPSsendfileexits' shell script. | The sender preprocess has been correctly defined in exit DLL | PEL8035.TARGET.FILE provided by COD EAI Interfaces team. Testprocess provided by COD EAI Interfaces team. | "PEL8035.TARGET.FILE" expected at CPS. The process should be started at the EAI Bus. | PASS | |
| 1.4.2 | | DI File transfer | Use a sender pre process exit to start SED2080.PDS.CNTL(BR14) with a file sent from CPS to the EAI Bus | The sender preprocess has been correctly defined in exit DLL | File provided by CPS. BR14 provided by CPS. | File from CPS in /export/home/mqm/esai/ftf/temp/cpsaar on the EAI Bus server SU35E17 | NA | Tested in unit testing |
| Sub-Cycle 5: Start an external process from a sender post process data exit | | | | | | | | |
| 1.5.1 | | DI File transfer | Use a sender post process exit to start 'testprocess2' with a file sent from the EAI Bus to CPS via 'CPSsendfileexits' shell script. | The sender postprocess has been correctly defined in exit DLL | PEL8035.TARGET.FILE provided by COD EAI Interfaces team. Testprocess2 provided by COD EAI Interfaces team. | "PEL8035.TARGET.FILE" expected at CPS. The process should be started at the EAI Bus. | PASS | |
| 1.5.2 | | DI File transfer | Use a sender post process exit to start SED2080.PDS.CNTL(BR14) with a file sent from CPS to the EAI Bus | The sender postprocess has been correctly defined in exit DLL | File provided by CPS. BR14 provided by CPS. | File from CPS in /export/home/mqm/esai/ftf/temp/cpsaar on the EAI Bus server SU35E17 | NA | Tested in unit testing |
| Sub-Cycle 6: Start an external process from a receiver pre process data exit | | | | | | | | |
| 1.6.1 | | DI File transfer | Use a receiver pre process exit to start SED2080.PDS.CNTL(BR14) with a file sent from the EAI Bus to CPS via 'CPSsendfileexits' shell script. | The receiver preprocess has been correctly defined in exit DLL | PEL8035.TARGET.FILE provided by COD EAI Interfaces team. BR14 provided by CPS | "PEL8035.TARGET.FILE" expected at CPS. The process should be started at the EAI Bus. | PASS | |
| 1.6.2 | | DI File transfer | Use a receiver pre process exit to start testprocess3 with a file sent from the CPS to the EAI Bus via JCL. | The receiver preprocess has been correctly defined in exit DLL | File provided by CPS. Testprocess3 provided by COD EAI Interfaces team. | File from CPS in /export/home/mqm/esai/ftf/temp/cpsaar on the EAI Bus server SU35E17. Testprocess3 executed. | NA | Tested in unit testing |
| Sub-Cycle 7: Start an external process from a receiver post process data exit | | | | | | | | |
| 1.7.1 | | DI File transfer | Use a receiver post process exit to start SED2080.PDS.CNTL(BR14) with a file sent from the EAI Bus to CPS via 'CPSsendfileexits' shell script. | The receiver postprocess has been correctly defined in exit DLL | PEL8035.TARGET.FILE provided by COD EAI Interfaces team. BR14 provided by CPS | "PEL8035.TARGET.FILE" expected at CPS. The process should be started at the EAI Bus. | PASS | |
| 1.7.2 | | DI File transfer | Use a receiver post process exit to start testprocess4 with a file sent from the CPS to the EAI Bus via JCL. | The receiver postprocess has been correctly defined in exit DLL | File provided by CPS. Testprocess4 provided by COD EAI Interfaces team. | File from CPS in /export/home/mqm/esai/ftf/temp/cpsaar on the EAI Bus server SU35E17. Testprocess4 executed. | PASS | |



**COD Interfaces
Assembly Test Plan**

Date: 10/29/2002

Interface Name: CPS - COD

Developer: Linda Kim Tester Initials: LK

| Number | Regression | Interface Component | 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 "CPSsendnofile" shell script to attempt to send a file that does not exist from the EAI Bus to CPS | | NA | Failure message sent to NOTIFY queue on source QM. Error messages sent to nohup.out logfile. Failure message in FTFSTAT | PASS | This is a stub for COD. COD's JCL will send a file. |
| 2.1.2 | | DI File Transfer | Modify JCL to send a file that did not exist. from CPS to the EAI Bus. | | NA | Failure message sent to NOTIFY queue on source QM. Failure message in FTFSTAT | PASS | |
| Sub-Cycle 2 : Common Log Function Environment variables are not found - NOT TESTED | | | | | | | | |
| 2.2.1 | | DI File Transfer & Common Log Function | Execute "sendfileexits" shell script without defining the common log function environment variables | | | Error message logged in common log file. | Not Tested NA | This condition no longer tested because the common log function is no longer used with |



Date: 10/29/2002

Interface Name: CPS - COD

Developer: Linda Kim Tester Initials: LK

| Number | Regression | Interface Component | Action | Condition | Input Data | Expected Results | Pass /Fail | 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 CPS via 'CPSsendnoMQ1' shell script. | | Dummy test file, "testfile.txt" created by COD 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 EAI Bus to CPS via 'CPSsendnoMQ2' shell script. | | Dummy test file, "testfile.txt" created by COD 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 | Stop MQ channel EAIA1.CPT1 Send file from EAI Bus to CPS via 'CPSsendfile' shell script. | | Dummy test file, "testfile.txt" created by COD EAI Interfaces test team. | Failure message sent to NOTIFY queue. No failure message in log file. The request will need to expire. | PASS | Tested by LK. Once the channel is restarted the file is successfully moved. This could be a problem if the channels are set to automatically attempt restarts since the NOTIFY queue will increment. The file could be sent automatically even after a messa |
| 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 CPS via 'CPSsendfile' shell script. | | Dummy test file, "testfile.txt" created by COD 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 (CPS) and send file from EAI Bus to CPS via 'CPSsendfile' shell script. | | Dummy test file, "testfile.txt" created by COD 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 CPS via 'CPSsendfile' shell script. | | Dummy test file, "testfile.txt" created by COD EAI Interfaces test team. | File transfer takes longer than expected | PASS | |