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EDEX-4 SOFTWARE TESTING PROTOCOL

The purpose of the EDEX-4 Software Testing Protocol is to provide those software developers who seek DWC/EDEX software certification with an overview of the testing process. Certification of EDEX software is done for the purpose of providing the software vendor with an opportunity to connect to the EDEX system to test their system's interaction with EDEX. Once a vendor is certified, their software can be used by an EDEX Subscriber/Service Provider to obtain an EDEX Subscriber/Service Provider account so that they may submit and receive transactions to/from EDEX. The EDEX Subscriber/Service Provider must keep their account in good standing in order to continue to use EDEX services.

TESTING STEPS

- 1) Submit completed EDEX Software Vendor application to DWC EDEX Administration for approval.
- 2) Receive DWC approval. This will include your four character Service Provider identifier.
- 3) An SFT account will be created for you to use for testing. If approved, you will be able to continue using this account to process EDEX transactions should you elect to become an EDEX Service Provider. If your intention is to only develop software for other service providers to use, then your SFT and EDEX accounts will be inactivated after the certification process has completed.
- 4) Contact DWC EDEX Administration when you are ready to begin testing. A date and time for your testing will be determined and coordinated with our Information Technology (DIR/IT) unit.
- 5) DIR/IT will provide you, via email, with the test criteria, e.g. list of transactions you are required to submit, any necessary testing data. NOTE: You may be required to use some of your own data for testing.
- 6) You will then be required to format and assemble an EDEX inbound transaction file containing the required transactions. These will initially be submitted to DIR/IT via email so that the contents can be examined for completeness and conformance to DWC EDEX transaction format requirements.
- 7) Once you have provided a satisfactory test file via email, you will be instructed as to which cycle to submit your transactions for processing via SFT. The transactions must be submitted before the specified cycle's "blackout" period and after the previous cycles processing period. You will be provided the window in which to submit your transactions.
- 8) Retrieve your response transactions (005/007/013 transactions) at the completion of the EDEX cycle and hold onto them for later review.

- 9) Retrieve any response transactions (009/011/ROG007 transactions) from the following 0600 overnight cycle the next day. Hold on to these response transactions, as well. You will be contacted via phone during normal business hours at some point following the 0600 cycle for follow-up questions related to the response transactions.
- 10) You will be asked several questions pertaining to the output response transactions that are designed to determine whether you understand key aspects to their content. You must be able to respond correctly to 100% of the technical questions in order to receive certification. NOTE: If you should fail certification, there is a one month waiting period before you will be allowed to re-test.