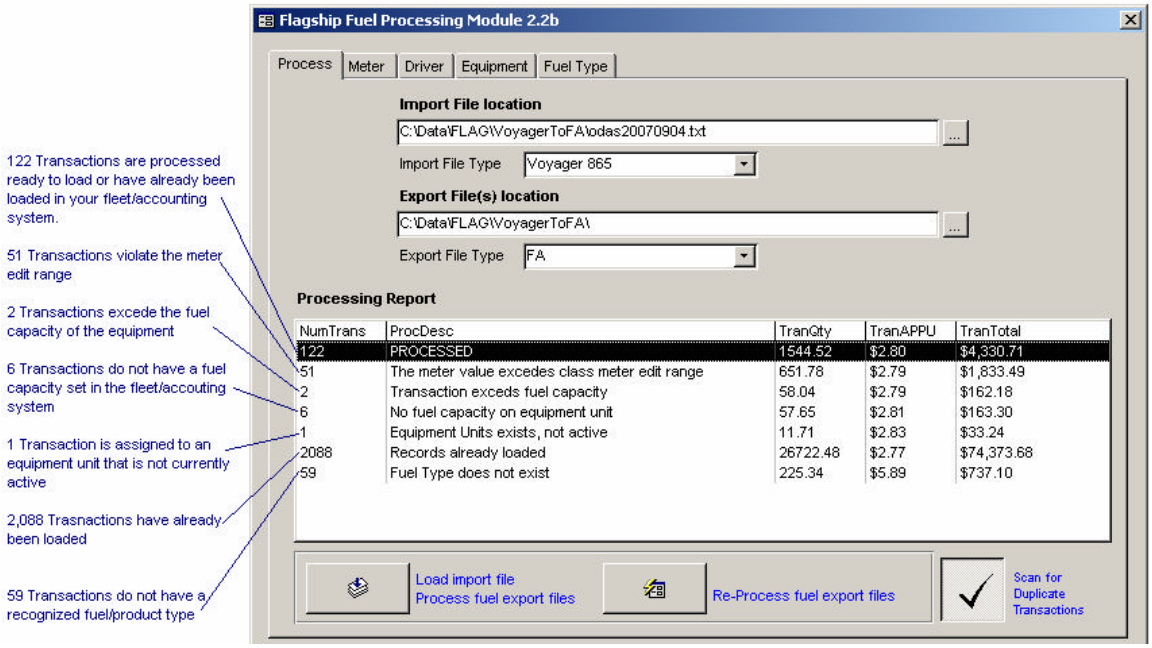
Flagship Fuel Processing Module

The Flagship fuel processing module is designed to make short work of the process of loading fuel transactions into your fleet management system. We can convert many of the industry standard transaction files into an easy to read format that can be fixed on the fly or apply automated fixes to ready the data for your fleet management, accounting or billing system.



The processing screen out of the box provides the ability to select one of many industry standard transaction file formats. Depending on the settings for Meter, Driver, Equipment and fuel type the file is processed specific to your needs.

All verification is done from current fleet information within your fleet management system. At the time of processing the Flagship fuel processing module queries your current fleet data to do all validation. This is important because this keeps you from having to manage data in multiple systems. The Flagship fuel processing module keeps your systems automatically in sync to simply the validation process.

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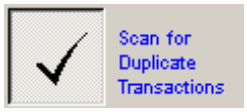
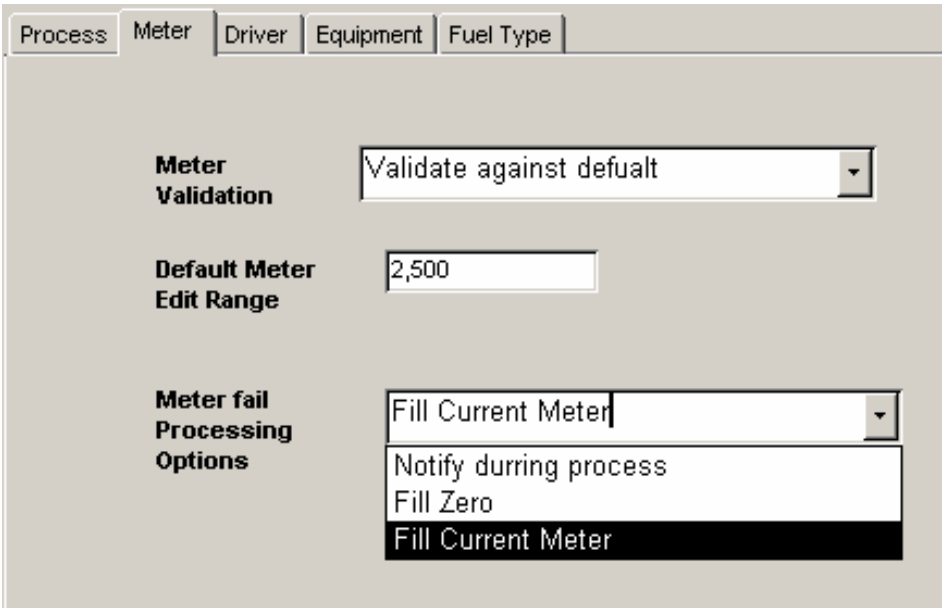
Scan for Duplicate Transactions



On the first tab of the fuel processing module you have the option of selecting “Scan for Duplicate Transactions”. This will mark transactions as already loaded if they match the following: Transaction Date/Time, Equipment Number, Transaction Meter, Transaction Quantity, and Fuel Type.

Meter Validation



The meter validation of can be handled in several different ways. The validation can be skipped, Validated against a default edit range, Filled or simply rejected.

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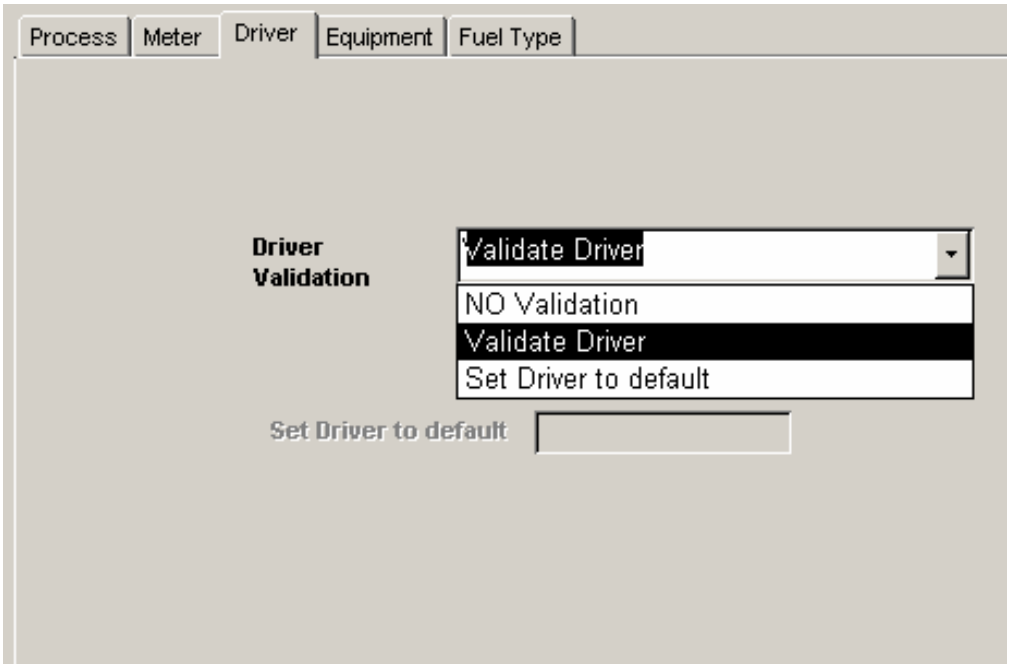
Driver Validation



Driver validation can be set to a system default, validated or simply allow the transaction to pass through.

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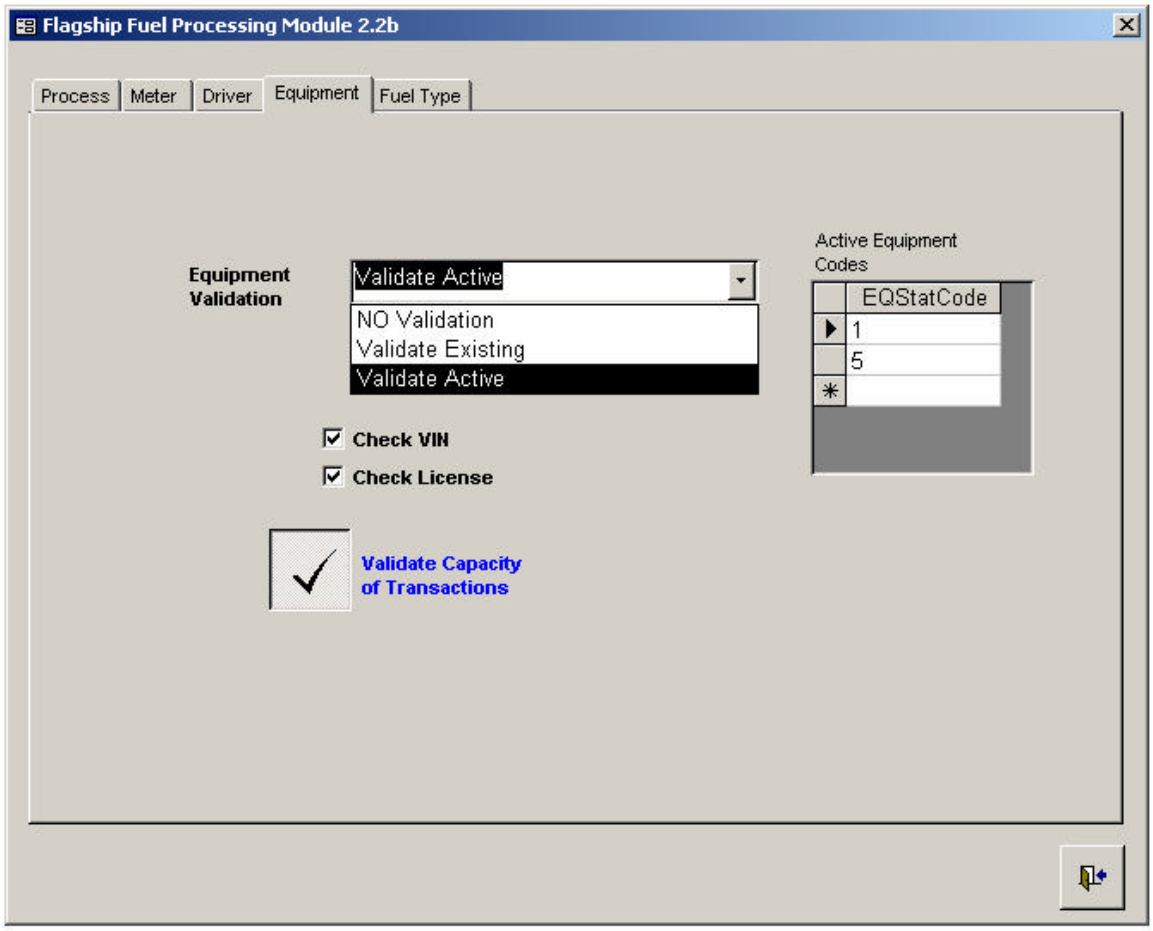
Equipment Validation



Before the transaction is rejected the Flagship fuel processing module can check against multiple fields to try and match up the transaction. If the equipment unit is not valid a match can be attempted on the VIN, License number or some other identifier.

If needed the Flagship fuel processing module can verify the equipment unit is active. NON-Active equipment will be noted on the processing report.

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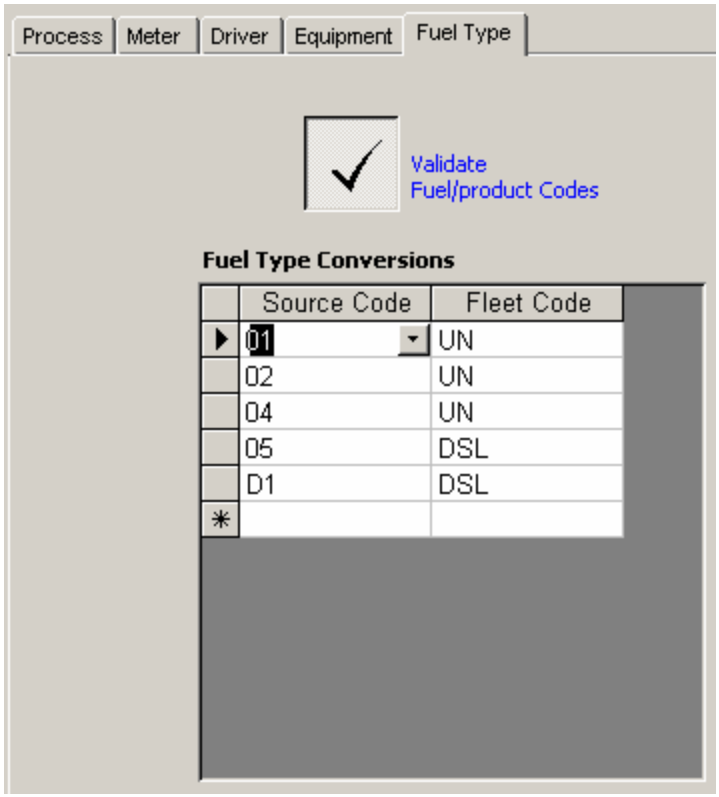
Fuel/Product Conversion



If the fuel/product codes are different in the source file the Flagship fuel processing module will convert them. Any codes that are not valid will be rejected and show on the process tab.

For example if food is purchased it will most likely show under code “33” miscellaneous. This will show on the process tab for review during the data conversion process.

Reporting

The Voyager 865 transaction file provides the following flags for auditing purposes. The Flagship fuel processing module provides an easy to read report on these transaction flags relating the audit flags to a specific vehicle or driver.

A = PATTERN DISCREPANCY (TIME/DAY) ON DRIVER
D = PATTERN DISCREPANCY (TIME/DAY) ON VEHICLE
E = ESTIMATED ODOMETER
F = FULL SERVICE
M = MANUAL TRANSACTION
P = PRODUCT VARIANCE
T = NON-REPORTED FEDERAL TAX
X = EXCESS VEHICLE CAPACITY

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Appendix “A”
Error handling suggestions

Description	Notes
Equipment # does not exist	The equipment number does not exist in the fleet management system. The load process will look at the equipment number, serial/VIN number and license to try and match the incoming transaction to an equipment unit in the fleet management system. FIX: The equipment number, serial/VIN number or license must match an equipment unit in the fleet management system.
Fuel Type does not exist	On the fuel tab the fuel type of all product/fuel types are automatically converted based on your fleet settings. If a product code does not match even after conversion it must be fixed before the transactions can be accepted. FIX: The transaction product/fuel code must match an existing fleet product/fuel code.
Records already loaded	Transactions already loaded match a previously loaded transaction with the same: Transaction Date/Time, Equipment Number, Transaction Meter, Transaction Quantity, and Fuel Type. FIX: If needed this check can be turned off and allowed to pass through.
Equipment Units exists, not active	The equipment unit was found in the fleet management system; however, the status is not identified as active. FIX: The equipment must be active to accept fuel transactions. Mark the equipment unit with an active status code and re-process.
Driver does not exist	The Driver number/code must exist in the fleet management system. FIX: Transactions can automatically be assigned a default driver number/code that matches a driver code on file in the fleet management system.
Meter not valid against default	The equipment odometer is out of range based on the edit range set in the fuel processing module. FIX: 1) The equipment odometer can be set to the current odometer reading automatically. This will allow the transaction to pass without causing a notification or error during the load of the transaction. 2) The transaction can be left alone. The fuel transaction will be entered; however, the equipment meter will not be updated.
Meter not valid against class	The equipment odometer is out of range based on the edit range set at the class level in the fleet management system. FIX: 1) The equipment odometer can be set to the current odometer reading automatically. This will allow the transaction to pass without causing a notification or error during the load of the transaction. 2) The transaction can be left alone. The fuel transaction will be entered; however, the equipment meter will not be updated.
No fuel capacity on equipment unit	The equipment unit does not have the fuel capacity set. FIX: This will need to set correctly in the fleet management system before fuel transactions will be accepted.

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Description	Notes
Fuel capacity set to zero	The equipment unit fuel capacity is set to zero. Some fleet/fuel systems will do this to keep an equipment unit from receiving fuel. FIX: This will need to set correctly in the fleet management system before fuel transactions will be accepted.
Transaction exceeds fuel capacity	The fuel quantity of the transaction exceeds the fuel capacity set for the equipment unit. Most likely two or more vehicles fueled at the same time using the same transaction. FIX: Two possible fixes in this situation are to 1) Change the capacity on the equipment unit in the fleet management system to get the transaction in the system. 2) Split the transactions up to apply the charges to the correct equipment units.
The meter value is zero	The equipment odometer has not been entered or it is blank. FIX: 1) The equipment odometer can be set to the current odometer reading automatically. This will allow the transaction to pass without causing a notification or error during the load of the transaction. 2) The transaction can be left alone. The fuel transaction will be entered; however, the equipment meter will not be updated.
The meter value exceeds default meter edit range	The equipment odometer is out of range based on the edit range set in the fuel processing module. FIX: 1) The equipment odometer can be set to the current odometer reading automatically. This will allow the transaction to pass without causing a notification or error during the load of the transaction. 2) The transaction can be left alone. The fuel transaction will be entered; however, the equipment meter will not be updated.
The meter value exceeds class meter edit range	The equipment odometer is out of range based on the edit range set at the class level in the fleet management system. FIX: 1) The equipment odometer can be set to the current odometer reading automatically. This will allow the transaction to pass without causing a notification or error during the load of the transaction. 2) The transaction can be left alone. The fuel transaction will be entered; however, the equipment meter will not be updated.
PROCESSED	The transaction is ready to load and no errors were detected.

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