



Logiccraft Corporation

TankMAN[®]

Tank Farm Information Management Software System

Tank Status

VIEW SELECTED TANK DETAILS	
TANK NUMBER	340
TANK TYPE	SATA
GALLONS LEFT	88,746
% IN A TANK	85
GALLONS LIMIT	5,000
GALLONS	104,855
OPEN BALANCE	88,432
CLOSE BALANCE	88,746
TANK STATUS	ACTIVE
PRIORITY	1



Pipeline Receipt

RECEIPT DATE	GROUP NO	FUEL CODE	GROSS GALLONS	NET GALLONS
10/24/2002 2:45:57 PM	1 TA		848,999	840,000
10/24/2002 3:43:11 PM	2 TA		848,729	840,132
			GALLONS GAIN-LOSS	-270 132

RECEIPT		SHIPPER		GRAVITY	METER FCTR	GROSS BRLS	NET BRLS
BATCH	TICKET	SHIPPER	NAME	42.8	0.9456	21,372	
FF-454-545G	FGD-FG-5555	SAE	ASSOCIATED ENERGY	32	1.0002	21,372	
				TEMP	80.9	NET BRLS	20,000
						NET GALLONS	840,000
						GROSS GALLONS	848,999
						ACCT NET BRLS	848,999

ACCOUNT		FUEL DATA		
ACCOUNT CODE	ACCOUNT FULL NAME	NET BARRELS	NET GALLONS	GROSS GALLONS
SAE	ASSOCIATED ENERGY	20,000	840,000	848,999

TankMAN© is designed to interface with automatic gauging systems and third party SCADA systems or can act as stand alone systems when fuel farm automation is not available.

TankMAN© offers a cost effective software solutions for tank farm operators, which when implemented in an integrated fashion, allows operators to achieve a greater control over the storage facility and fuel resources, delivers great savings in the cost of operations, and interface in a seamless fashion with fuel accounting and other systems.

TankMAN© offers the following functions:

1. Records product movement.
2. Records fuel inventory data, for each tank, using either:
 - Manual data entry of stick reading. (Strapping charts are incorporated with the software).
 - A palm-top computer that is used for recording tank level readings.
 - An electronic tank gauging system.
3. Computes tank inventories.
4. Manage multiple tank groups and fuel types.
5. Record fuel receipts via pipeline, truck, barge, etc.
6. Provide visual graphic depiction of tank farm status.

The screenshot shows a software interface for 'OGDEN NEW YORK SERVICES, INC. JFK INTERNATIONAL AIRPORT - TANKS AND RACKS'. It features a menu bar with options like 'Tanks', 'Table', 'Details', 'First', 'Prior', 'Next', 'Last', 'Save', and 'GoTo'. Below the menu, there are filters for 'VIEW: BRT - BULK RACK TANKS' and 'STATUS: ALL TANKS'. The main area displays a grid of tank status cards. Each card shows a tank ID (e.g., 37, 38, 39), its status (e.g., ACTIVE, INACTIVE, OOS), and rack information (e.g., R#127, R#228). A tooltip for tank 37 is visible, showing '1st RACK SWITCH TO INACTIVE OUT OF SERVICE' and 'VIEW 1ST RACK CONNECTION'.

Tank Farm Status Screen

7. Facilitates the activation and de-activation of individual tanks, racks, or the entire tank farm.
8. Maintains lists of authorized drivers, customers and tanker trucks.
9. Maintains running inventories of tanks associated with racks.
10. Records and generates movement tickets.
11. Generates a variety of reports and exports data format to a fuel accounting system.
12. Operates under the common Windows®2000/XP/2003 Server Platform.

For additional information please contact our Marketing Department at the address listed below.

The screenshot shows a software interface for 'OGDEN NEW YORK SERVICES, INC. JFK INTERNATIONAL AIRPORT - TODAY IS NOVEMBER 15, 2002'. It features a menu bar with options like 'File', 'Daily Tankfarm', 'Maintenance', 'Receipts', 'Withdraw', 'Reports', 'Setup', and 'Help'. Below the menu, there are filters for 'VIEW: BRT - BULK RACK TANKS' and 'STATUS: ALL TANKS'. The main area displays a table of ticket information. The table has columns for 'TICKET NUMBER', 'RACK CODE', 'TANK NUMBER', 'STATUS', 'RECONCILIATION', 'TICKET DATE IN', 'TICKET DATE OUT', 'TRUCK NUMBER', 'LOAD BALANCE', 'GALLONS', 'METER', 'CLOSE', and 'OPEN'. A tooltip for ticket 777256 is visible, showing 'MISSING TX' and '10/2002 9:14:44 AM'.

Rack Ticket Screen

The screenshot shows a software interface for 'OGDEN NEW YORK SERVICES, INC. JFK INTERNATIONAL AIRPORT - GAUGING TANKS'. It features a menu bar with options like 'Tank', 'Update', 'Data', 'Today', 'First', 'Prior', 'Next', 'Last', 'Charts', 'Tf Info', 'Print', and 'Exit'. Below the menu, there are filters for 'VIEW: SATA - SATELLITE TANKS' and 'SEARCH BY TANK:'. The main area displays a table of tank gauging data. The table has columns for 'TANK', 'STATUS', 'F', 'I', 'H', 'MASK', 'GALS.', 'Y', 'F', 'I', 'H', 'MASK', 'GALS.'. A tooltip for tank 301 is visible, showing '14 10 2 14 10 14 85,925 74 0 0 0 0 0'.

Tank Gauging Screen