



Partner

Gas Pump Interface for ISS45 — Withdrawn

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January 29, 2001

This Issue 2 withdraws the Gas Pump Interface product from General Release. Please contact your Fujitsu representative with any interest or questions.

ICL is pleased to release an interface from **ISS45** to one of the leading gas pump controllers to the fuel market. We expect there to be additional fuel interface activity over the coming year to support other configurations and requirements.

The **ISS45** Gas Pump Interface allows an **ISS45** terminal to be connected to the Gilbarco PAM 1000 controller to communicate and control up to 36 Gilbarco fueling positions, with up to 6 grades per position. The GPI provides support for the following PAM 1000 functions:

- Control of price programming for up to 64 grades with 2 levels per grade
- Control of grade mapping
- Control of the operating price levels
- Authorization for fill-up or money/volume preset
- Pump stopping and reauthorization
- Collection of pump status data
- Collection of transaction data and release of the position for reuse
- Collection of pump totals

Please note that Electronic Payments at the Pump are not supported with the product at this time.

Physically, the **ISS45** PoS terminal is connected to the Gilbarco PAM 1000 controller via a RS-232-C shielded cable. RS-232 specifications call out a 50 feet maximum length for such a cable, and Gilbarco manufactures a 30 foot host data cable (Gilbarco part number Q11542-68). The cable is connected to the COMM1 or COMM2 port on the terminal. Since the pump controller is connected to only one of the **ISS45** PoS terminals, transactions with fuel must be carried out at that terminal. Customers could configure and validate an RS-232 switch if one or additional terminals need to access the Gilbarco fuel system.

SAMPLE TRANSACTION FLOWS

For a fill-up, the following would take place:

- The PoS operator at the GPI lane can be idle or occupied with another customer
- Pump handle is lifted by the Gas Customer -- a beep is heard at the PoS terminal
- The PoS operator selects the Authorize Fill-Up Key — this may occur during another customer's transaction at the PoS

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- A pump status map is displayed showing the status of all pumps
- The PoS operator enters the number of the pump with the CALL status
- The PoS operator in the GPI lane can now continue with whatever was in process
- When the Gas Customer finishes pumping, that customer enters the store to pay
- The PoS operator selects the gas sale key, just like selecting any other item to purchase
- A pump status map will again be displayed, and the operator selects the pump showing EOT status
- A screen is displayed showing the amount and gallons pumped
- If correct, the operator completes the sale of the gas, and a line item is added to the receipt, showing the pump number, volume, grade rate and the amount
- Additional items may be purchased. The PoS operator closes out the sale. The Gas Customer's pump is automatically reset to IDLE status

PASTA RONI		\$1.19	N	F
AUNT JEM SYRUP		\$2.09	N	F
B-DAY CANDLE		\$0.99	N	F
PARTY HATS		\$3.49	N	F
GAS PURCHASE		\$15.00	N	P
PUMP # 5				
GALLONS:	15.015			
PRICE/GAL:	.999			
AUTO FUSE KIT		\$3.79	N	F
6 BAL DUE		\$26.55		
CASH		\$26.55		
CHANGE		\$0.00		
SUB TOTAL		\$26.55		
TOTAL TAX		\$0.00		
TOTAL		\$26.55		
C0001	#0268	13:13:17	6AUG1998	
S0015	R002			

For a preset dollar amount, the following flow would be typical:

- The Gas Customer goes to the GPI lane
- The PoS operator would select the Money Preset key
- The PoS operator enters the pump number and the amount
- The sale is completed and a receipt is printed
- If the customer uses the entire preset amount:
 - The operator frees up the pump with the Close Sale function
 - A detailed receipt may be printed by selecting the Recover function
- If the customer requires change:
 - Operator selects the Gas Sale key and proceeds as in the fill-up example above
 - A return of the preset amount would be entered
- The pump is automatically reset to IDLE status

ISS45 SYSTEM SET-UP FOR GPI

1. Install the Gas Pump software and menus on the POST
2. Add a department for gas purchases
3. Update the supplied gas map file to fit the installation:

- a. Enter system grades required, including price and descriptions
 - b. Enter pump layout, with pump grade and system grade
 - c. Enter Gas department number
 - d. Select the communications port
4. Add the following keys to the PoS terminal keyboard
- a. A preset key pointing to the Gas department with a value of 1 for Gas Sales
 - b. A preset key pointing to the Gas department with a value of 2 for Dollar Presets
 - c. A general key pointing to function 703 for Authorize Fill-up
 - d. Set up a general item return to handle return of Money Preset

The following may be added to keys on the keyboard, or added to one of the PoS Terminal Menus:

- 1. Function 701 - Open Pump
- 2. Function 702 - Close Pump
- 3. Function 704 - Volume Preset
- 4. Function 705 - Pump Totals Report
- 5. Function 706 - Set Level
- 6. Function 707 - Stop Pump
- 7. Function 708 - Restart Pump
- 8. Function 709 - Close sale
- 9. Function 710 - Set Grade
- 10. Function 711 - Set Price
- 11. Function 720 - General Functions (All of the above).

ORDERING

PIN	Item	Price	Inst	Maint
45180/023	ISS45 Gas Pump Interface — Gilbarco PAM 1000	\$ 795	N/A	\$ 100

Special appreciation is due to Gary Myers of ICL's Dallas group, who completed this special application for **ISS45** using CustomLink and provided the above information.

To your success,

Tony
 Tony van Beverter
 Director: Supermarket Systems