Contents

Types of Reports ................................................................. 3
Sample Reports: ................................................................. 4
Typical Information Shown On Reports ....................... 4
Product Inventory Detail Reports ............................... 5
Tank Inventory Summary Report ............................... 5
Product Inventory Summary Report ....................... 5
Tank Inventory Detail Report .................................. 5
Product Delivery Detail Report ................................ 6
Product Delivery Summary Report ....................... 6
Product Delivery History Report .......................... 6
Product Usage Detail Report .................................. 7
Product Usage Summary Report ....................... 7
Usage Reconcile (Inventory Reconciliation) Report ... 7
(Tank Test) Leak Estimate Report ....................... 8
(Standard – Static Tank) Leak Test Report ................. 8
SCALD (Tank Leak) Test Report .......................... 9
Line Compliance (Test) Report .............................. 10
Line (Leak) Test Report ........................................ 10
Line Leak Diagnostic Report .................................. 10
Line (Leak) Test History Report (in FAX format) .......... 11
Sensor Status Report ........................................ 12
Vapor Sensor Report ........................................ 12
Alarm Reports: .......................................................... 13 – 16
System Setup Report ................................................ 17 – 20
Tank Setup Report ................................................ 20
Regulatory Report ................................................ 21
Generator Run Report ........................................ 22
Print Test Report ................................................ 22
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Phone: (800) 872-3455
Fax: (207) 283-0158

http://www.intelcon.com
e-mail: sales@intelcon.com

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Types of Reports

The TS-1001 and TS-2001 Tank Sentinel can produce many types of reports. The reports can be printed or faxed manually from the keypad, or can be programmed to print or fax automatically when certain events occur (for example an alarm), or can be printed or faxed on a set schedule. Reports provide useful information that help run the business more efficiently. In addition, regulatory compliance reports provide proof of compliance along with an operational status of the system. Alarm reports also provide useful data about the system, tank or sensor faults, or line leak detector faults, or detected leaks from product lines or storage tanks.

Product or Tank Inventory: Detail, or Summary Reports

Product Delivery: Detail, Summary, or History Reports

Product Usage: Detail, Summary, or Reconcile Reports

Test: Estimate Report (time to complete a leak test for a specific tank) or tank leak Test Report (reports standard / static tank leak tests only)

Line leak test Reports, which are: Compliance, Test, History, or Diagnostic Line Test Reports

SCALD Statistical Continuous Automatic Leak Detection Test Report

Sensor: Sensor Status Report of all sensors, or Vapor Sensor Report


Setup: System configuration Report, or Tank configuration Report for any or ALL tanks

Regulatory: Compliance Reports ...show: Hardware Status, Probes, Sensors, Aux. Inputs and Leak Tests (tank, SCALD and line leak tests)

NOTE: The reports are shown on the following pages are examples of reports as they would be printed or faxed from the system console. FAX capability depends entirely on installation, and setup/enabling of the optional FAX / Modem.
Sample Reports:

The sample Alarm Reports, shown at left, printout automatically when alarms or faults occur. The default setup enables automatic printing of ALARMS, LEAKS, SCALD, LINES, or generator runs.

Typical Information Shown On Reports

REPORT HEADER is printed first and shows the site name, address, and number

REPORT DATE & TIME when the report was printed

REPORT NAME is shown next and identifies the type of report that it is

ALARM DATE & TIME is shown before the body of each alarm report.

REPORT BODY follows the report name and shows the unique data for that type of report. For example, delivery data is shown on Delivery Reports, and tank setup data is shown on Tank Setup Reports.

Below-left, several alarms occurred at the same time. An automatic alarm report printed several hours later after a new roll of printer paper was installed.

Note that the print date and alarm dates are different and that a PRINTER OUT OF PAPER alarm message is shown. This is the reason WHY the alarm reports did not immediately printout.

See the TS-1001 / TS-2001 Quick Reference Guide about how to print or fax reports. The Setup Programming Guide contains information about scheduling reports and programming the data/fax modem.
### Product Inventory Detail REPORT

Shows the Product Name, Total tank capacity, Tank Name, Gross product volume, Net product volume (which is temperature compensated), Days Supply remaining (calculation based on use over the last seven days), Ullage (volume to fill the tank), and Water Volume (which applies only to petroleum fuel oil/gasoline applications because two floats are used).

#### Sample Inventory Reports

#### Incon

**Intelligent Controls Inc**  
P. O. Box 638  
Sacramento, CA 95812  
1-800-984-6266

**08/13/1998 10:06 AM**

**PRODUCT INVENTORY SUMMARY**  
**GROSS VOLUME**

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNLD REG</td>
<td>11882.3 Gal</td>
</tr>
<tr>
<td>UNLD PLUS</td>
<td>2033.2 Gal</td>
</tr>
<tr>
<td>UNLD SUP</td>
<td>1995.8 Gal</td>
</tr>
</tbody>
</table>

#### Tank Inventory Detail REPORT

This report shows the Gross Product Volume of each tank.

**Incon**  
**Intelligent Controls Inc**  
P. O. Box 638  
Sacramento, CA 95812  
1-800-984-6266

**08/11/1998 7:26 PM**

**TANK INVENTORY SUMMARY**  
**GROSS VOLUME**

| Tank 1         | 11498.6 Gal |
| Tank 2         | 4037.6 Gal  |
| Tank 3         | 4016.5 Gal  |

### Product Inventory Summary REPORT

This report shows the combined total Gross Volume of all products at the site by product type.

#### Incon

**Intelligent Controls Inc**  
P. O. Box 638  
Sacramento, CA 95812  
1-800-984-6266

**08/13/1998 9:16 AM**

**PRODUCT INVENTORY SUMMARY**  
**GROSS VOLUME**

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNLD REG</td>
<td>7120.4 Gal</td>
</tr>
<tr>
<td>UNLD PLUS</td>
<td>2033.2 Gal</td>
</tr>
<tr>
<td>UNLD SUP</td>
<td>1995.8 Gal</td>
</tr>
</tbody>
</table>

### Tank Inventory Summary REPORT

This report shows the complete and current inventory detail of a tank. Tank Name, Tank NO. (tank number), Capacity, Product Name, Gross Product Volume (not temperature compensated), Net Product Volume, Product Level, Gross Capacity % (percent full), Ullage, Temperature of the product, Water Level (level of water in the tank), and Water Volume are shown.

**Incon**  
**Intelligent Controls Inc**  
P. O. Box 638  
Sacramento, CA 95812  
1-800-984-6266

**08/13/1998 9:16 AM**

**TANK INVENTORY SUMMARY**

| Tank 1         | 11882.3 Gal |
| Tank 2         | 2033.2 Gal  |
| Tank 3         | 1995.8 Gal  |

**TANK NO. 1**  
**PRODUCT**  
**GROSS**  
**NET**  
**DAYS SUPPLY**  
**ULLAGE**  
**WATER LEVEL**  
**WATER VOLUME**

| Tank 1         | 11882.3 Gal |
| Tank 2         | 2033.2 Gal  |
| Tank 3         | 1995.8 Gal  |
Product Delivery Detail REPORT

Shows all tank data relative to product deliveries. It includes the Product Name, Tank Capacity, Tank Name, beginning Time and Tank conditions before delivery (BEGIN data) and after delivery (END data). One Tank is shown in this example.

| INCON INTELLIGENT CONTROLS INC |
| P. O. BOX 638 |
| SACO ME 04072 |
| 1-800-984-6266 |
| 08/13/1998 10:16 AM |

PRODUCT DELIVERY DETAIL

UMLD REG 11882.3 GAL

TANK 1

BEGIN TIME 11:17 PM
BEGIN DATE 08/11/1998
BEGIN GROSS 2010.3 GAL
BEGIN NET 1995.0 GAL
BEGIN ULLAGE 9264.5 GAL
BEGIN LEVEL 21.091 IN
BEGIN WATER 0.708 IN
BEGIN WATER 13.4 GAL
BEGIN TEMP 70.786 F
END TIME 11:42 PM
END DATE 08/11/1998
END GROSS 9391.3 GAL
END NET 9313.7 GAL
END ULLAGE 1884.7 GAL
END LEVEL 68.652 IN
END WATER 0.662 IN
END WATER 12.1 GAL
END TEMP 71.728 F
GROSS DEL 7381.0 GAL
NET DEL 7310.7 GAL

Product Delivery Summary REPORT

Shows the Delivery DATE and gross Volume that was delivered on those dates. The Product, Tank Capacity, and the Tank Name are also shown on this report. Tank 1 is shown in this example.

| INCON INTELLIGENT CONTROLS INC |
| P. O. BOX 638 |
| SACO ME 04072 |
| 1-800-984-6266 |
| 08/13/1998 10:06 AM |

PRODUCT DELIVERY SUMMARY

UMLD REG 11882.3 GAL

TANK 1

07/16/1998 6763.3 GAL
07/18/1998 2304.3 GAL
07/20/1998 4835.6 GAL
07/24/1998 5891.0 GAL
07/28/1998 6734.4 GAL
08/03/1998 6474.3 GAL
08/07/1998 6274.5 GAL
08/11/1998 6575.4 GAL
08/11/1998 7381.0 GAL

Product Delivery History REPORT

This report contains data describing up to the last 10 deliveries for any product in the system. ALL produces a long report of all products by tank... product # 2 is reported below.

| INCON INTELLIGENT CONTROLS INC |
| P. O. BOX 638 |
| SACO ME 04072 |
| 1-800-984-6266 |
| 01/13/1999 12:56 |

PRODUCT DELIVERY HISTORY

PRODUCT Z 4990.8 GAL

| TANK 2 |
| BEGIN TIME 10:50 |
| BEGIN DATE 12/11/1998 |
| BEGIN GROSS 4747.9 GAL |
| BEGIN NET 4700.9 GAL |
| BEGIN ULLAGE 1.1 GAL |
| BEGIN LEVEL 63.169 IN |
| BEGIN WATER 0.000 IN |
| BEGIN WATER 0.0 GAL |
| BEGIN TEMP 73.143 F |
| END TIME 23:13 |
| END DATE 12/11/1998 |
| END GROSS 4774.1 GAL |
| END NET 4741.1 GAL |
| END ULLAGE 1.1 GAL |
| END LEVEL 63.169 IN |
| END WATER 0.000 IN |
| END WATER 0.0 GAL |
| END TEMP 73.143 F |
| GROSS DEL 4774.1 GAL |
| NET DEL 4741.1 GAL |
| TANK 2 |
| BEGIN TIME 23:08 |
| BEGIN DATE 12/31/1999 |
| BEGIN GROSS 2066.2 GAL |
| BEGIN NET 2048.0 GAL |
| BEGIN ULLAGE 2682.7 GAL |
| BEGIN LEVEL 38.220 IN |
| BEGIN WATER 0.000 IN |
| BEGIN WATER 0.0 GAL |
| BEGIN TEMP 73.500 F |
| END TIME 23:13 |
| END DATE 12/31/1999 |
| END GROSS 3306.5 GAL |
| END NET 3278.9 GAL |
| END ULLAGE 1442.3 GAL |
| END LEVEL 43.977 IN |
| END WATER 0.000 IN |
| END WATER 0.0 GAL |
| END TEMP 73.477 F |
| GROSS DEL 1240.5 GAL |
| NET DEL 1230.1 GAL |
**Product Usage Detail REPORT**

Shows the Gross and Net inventory, Days Supply remaining, Ullage to fill the tank to capacity, and Last Usage. **Usage per Day, Week and Month are also detailed for the selected product.**

**Note:**
Combined values are shown when a manifold physically connects two or more tanks.

When insufficient data is available for the report, LAST USAGE will show REJECTED.

---

**Product Usage Summary REPORT**

The Average Daily Usage of products by product type are shown in gross volume units (gallons are shown throughout this document).

---

**Usage Reconcile (Inventory Reconciliation) REPORT**

This report (at right) balances inventory based on starting inventory, ending inventory, and deliveries. The report shows all data for a Tank including the Product Name, Tank Capacity, Tank Name, beginning Time and Tank conditions before (BEGIN values) and after (END values). The report also shows usage, which can be used to check (reconcile) against meter readings.

---

**Sample Usage Reports**

---
(Tank Test) Leak Estimate REPORT

Shows the estimated amount of time to complete a Standard (Static) Tank Leak Test. Estimates are based on the tank size and type, and conditions within the tank. Changing product temperature caused by a recent delivery, or surface ripples and disturbances from a recent dispense or delivery will affect leak tests and possible give false results (increase, fail / leaks).

This report can also be printed during a leak test to show the remaining time to finish.

(Standard – Static Tank) Leak Test REPORT

The leak test report (at right) provides a list of tank conditions at the beginning and end of the leak test. This data is:

1) Date & Time that the report was produced
2) Tank Name, volume Capacity, and Product Name
3) Leak Test Precision & Threshold
4) Test Confidence Level
5) The test START Time and Date
6) The Gross Capacity / percent full value in the tank
7) BEGIN values at start of test
8) The test-END (finish) Time and Date, and
9) The values at END of the test
10) Hourly data
11) Slope, Slope Low and Slope High
12) Test Results (Increase, Passed, Failed, or Indeterminate)

Note:
This report will print automatically at the end of a leak test if Report Leak is left Enabled in System Setup.
SCALD (Tank Leak) Test REPORT

SCALD is an acronym for Statistical Continuous Automatic Leak Detection. This is a special tank leak test that is used where dispensing can occur 24 hours a day. SCALD enables leak testing between product dispenses. The 0.20 gph Monthly Compliance Test is the standard test for SCALD. Shown on the report is:

1) Date and time that the report was produced
2) Tank Name, volume Capacity, and Product Name
3) Extent of time (minimum) between dispenses for statistical data collection
4) Volume Qualify is the minimum percent full before SCALD tests will run
5) The test STARTED (start) time and date
6) The Sales Rate (product usage rate)
7) Evaporated (calculated) this line will not appear when the site has Stage II Vapor Recovery.

Slope Diagram
Leak Test Results

See the diagram (below) and the: Leak Threshold value, Slope value, and the Test Result line in any tank Leak Test Report. Slopes more negative than the threshold value are reported as Failed, and those positive are reported as Increase.

- 0.05 gph
- 0.10 gph
+ 0.05 gph
+ 0.10 gph

Leak Threshold = Leak Test value / 2
Leak Threshold for:
a 0.20 gph Monthly Test = +/- 0.1 gph, and for a 0.10 gph Annual precision Test = +/- 0.05 gph

8) Lost (–) amount of product lost out of the vent stack through evaporation.
9) Duty Factor is the ratio of Extent to Total test time (start to update).
10) Updated is the time and date of the most recently completed SCALD leak test.
11) Slope is the (+/–) rate of change in product volume. It is the calculated leak rate and is used to determine the Test Result.
12) Test Results are either: Increase, Passed or Failed.

Note:
This report will print automatically when a new SCALD leak test is available if Report SCALD is left Enabled in System Setup.
Line Compliance (Test) REPORT

This report shows up to a year's worth of 0.2 gph Monthly Compliance Tests for a selected line, or for all lines.

The most recent tests are shown first.

Line (Leak) Test REPORT

This report shows the latest line leak tests of a selected line, or for all lines. The 3 gph tests print first and are followed by the most recent 0.1 or 0.2 gph line leak test results of the present day.

Line Leak Diagnostic REPORT

Not shown... this report is used by service technicians.

Notes:
Leak Rate is affected by many factors and is provided for diagnostic purposes.

Line reports are only available when the TS-1001 / TS-2001 is interfaced with the INCON TS-LLD line leak detector system.

This report will automatically printout whenever a 0.2 or 0.1 GPH line leak test completes if report lines is left enabled in System Setup.
**Line (Leak) Test History REPORT**

(in FAX format)

This report shows the last 10 pass or failed line leak tests per line (the first page of a multi-page report is shown).

**Report(s) Sent to Remote Fax Machines:**

When properly setup, reports can be sent automatically or manually to as many as four different fax machines. Faxes are arranged in a two column format and will fit on as many pages as necessary.

**Note:** Setup and Regulatory reports are lengthy and can be many pages long.
Sensor Status REPORT

Shows the Sensor input-channel Number, Sensor name, and the current status of each sensor that is wired to the system (ACTIVE indicates an alarm condition).

Standard Sensor 7 (Channel # 7) is active (in alarm). TSP-HIS Sensor 8 (Channel # 8) is active.

Vapor Sensor REPORT

Shows the Sensor input-channel Number, Sensor name, and the current detailed readings from each vapor sensor that is wired to the system. RVU = Relative Vapor Units. The sensor will alarm when the present reading is equal to, or greater than the setpoint (OK is the normal condition, and ACTIVE is reported when the sensor is in alarm / leak detected).

NOTE: The vapor sensor report is available when TSP-DVS vapor sensor(s) are installed.
Active System Alarms
REPORT
Reports active system alarms/warnings. This includes software or hardware failures and faults.

Cleared System Alarms
REPORT
Shows cleared system alarms

System Alarm (History)
REPORT
Reports all active, cleared and transient system alarms.

Active Tank Alarms
REPORT
Reports active tank alarms by Tank.

Cleared Tank Alarms
REPORT
Reports cleared tank alarms only.

Tank Alarm (History)
REPORT
Reports all active, cleared and transient tank alarms.

Note: some History Reports do not contain the word History in the title.
Sample Alarm Reports (Continued...)

**Active Sensor Alarms REPORT**
Reports all active sensor alarms.

**Cleared Sensor Alarms REPORT**
Reports all cleared sensor alarms only.

**Sensor Alarm (History) REPORT**
Reports all active, cleared and transient sensor alarms.

---

**Notes:** The Sensor Alarm History report would show different dates for these alarms in actual conditions (these were simulated for this publication).
(Active) Line Alarms REPORT
Reports active line alarms.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/04/1999</td>
<td>2:44 PM</td>
<td>3 GPH LINE LEAK DETECTED LINE 1 LINE NO. 1</td>
</tr>
</tbody>
</table>

Cleared Line Alarms REPORT
_Not Shown..._ shows line alarms and faults that have cleared.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/05/1999</td>
<td>9:27 AM</td>
<td></td>
</tr>
</tbody>
</table>

Line Alarm (History) REPORT
Reports all active, cleared and transient line alarms.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/04/1999</td>
<td>2:44 PM</td>
<td>3 GPH LINE LEAK DETECTED LINE 1 LINE NO. 1</td>
</tr>
<tr>
<td>01/04/1999</td>
<td>2:40 PM</td>
<td>0.2 GPH LINE LEAK LINE 1 LINE NO. 1</td>
</tr>
</tbody>
</table>
### (All) Active Alarms REPORT
Reports all system, tank, sensor, and line alarms that are active. The most recent alarms are shown first.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/11/1998</td>
<td>8:26 PM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>8:26 PM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>8:26 PM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>7:05 PM</td>
</tr>
</tbody>
</table>

**ACTIVE ALARMS**
- LOW BRINE LEVEL SENSOR 8 Sensor No. 8
- PRINTER OUT OF PAPER
- STANDARD SENSOR SENSOR 7 Sensor No. 7
- HIGH PRODUCT LIMIT TANK NO. 1

The report (below), is an example of a scheduled Active Alarm report with no active alarms (none exist).

This report cannot be printed manually from the keypad if no active alarms exist. *No active alarms exist* or a cleared message is displayed if all active alarms have cleared.

### (All) Cleared Alarms REPORT
Reports all cleared: system, tank, sensor, and line alarms (the number of cleared alarms can be limited to save paper).

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/05/1999</td>
<td>9:27</td>
</tr>
<tr>
<td>01/17/2000</td>
<td>23:46</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
<tr>
<td>01/09/2000</td>
<td>19:51</td>
</tr>
</tbody>
</table>

**CLEARED ALARMS**
- PRINTER OUT OF PAPER
- EXTERNAL INPUT EXTERNAL 8 CHANNEL NO. 8
- EXTERNAL INPUT EXTERNAL 7 CHANNEL NO. 7
- EXTERNAL INPUT EXTERNAL 6 CHANNEL NO. 6
- EXTERNAL INPUT EXTERNAL 5 CHANNEL NO. 5
- EXTERNAL INPUT EXTERNAL 4 CHANNEL NO. 4
- EXTERNAL INPUT EXTERNAL 3 CHANNEL NO. 3
- EXTERNAL INPUT EXTERNAL 2 CHANNEL NO. 2

### (All) Alarm History REPORT
Shows the history of all active, cleared and transient alarms for all alarm types (System, Tank, Sensor, Line, or ALL). Up to 50 alarms can be held in the alarm-history memory buffer.

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/12/1998</td>
<td>9:51 AM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>5:49 PM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>2:34 PM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>8:14 AM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>8:14 AM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>10:08 AM</td>
</tr>
<tr>
<td>08/11/1998</td>
<td>10:08 AM</td>
</tr>
<tr>
<td>08/12/1998</td>
<td>1:48 PM</td>
</tr>
<tr>
<td>08/13/1998</td>
<td>1:19 PM</td>
</tr>
<tr>
<td>08/13/1998</td>
<td>1:18 PM</td>
</tr>
</tbody>
</table>

**ALARM HISTORY**
- LOW LOW PRODUCT LIMIT TANK NO. 1
- LOW PRODUCT LIMIT TANK NO. 1
- POWER UP
- POWER DOWN
- POWER UP
- POWER DOWN
- 0.1GPH LINE TEST ABORTED REGULAR LINE NO. 1
- 0.1GPH LINE TEST ABORTED REGULAR LINE NO. 1
- POWER UP
- CONTROL UNIT COMM FAIL SUPER LINE NO. 3
- CONTROL UNIT COMM FAIL MID GRAD LINE NO. 2
The System Setup report shows the full configuration of the Tank Sentinel console.

The System Setup report includes most of the information found in a tank setup report except for special tank strapping tables (tank chart) and information of special tanks and products. The Tank Setup Report (is not shown because of the similarity to the System Setup Report).

This sample System Setup report is shown in FAX format (4 pages are shown).

---

### Sample System Setup Report

**From:** INCON INTELLIGENT CONTROLS INC  
**P. O. BOX 638**  
**SACO ME 04072**  
**1-800-984-6286**  

**08/26/1998  4:04 PM**

**SYSTEM SETUP REPORT**

#### SYSTEM INFO

<table>
<thead>
<tr>
<th>SOFTWARE</th>
<th>PART</th>
<th>T2PM/BSFL/Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>VER 1.07</td>
<td>Internal (1)</td>
<td>08/19/1998</td>
</tr>
</tbody>
</table>

**SYSTEM ID**: SEE ABOVE

#### MEASUREMENT UNITS

- **VOLUME**: GALLONS
- **LEVEL**: INCHES
- **TEMPERATURE**: FAHRENHEIT

#### CLOCK/CALENDAR

- **TIME STYLE**: 12 HOUR
- **DATE STYLE**: MM/DD/YY
- **DAYLIGHT SAV**: ENABLED
- **SET TIME**: 4:04 PM
- **SET DATE**: 08/26/1998

#### SENTINEL MODE

- **MODE**: OFF
- **START TIME**: 12:00 AM
- **END TIME**: 12:00 AM

#### REPORT PRINT ENABLES

- **DELIVERIES**: ENABLED
- **ALARMS**: ENABLED
- **LEAK TESTS**: ENABLED
- **SCALD TESTS**: ENABLED
- **LIME TESTS**: ENABLED

#### LIMITS

- **LEAK LIMIT**: 2.00
- **LEAK LIMIT O/G**: NONE
- **THEFT LIMIT**: 10.00
- **THEFT LIMIT O/G**: NONE

#### SPECIAL TANKS

- **SYSTEM FAIL O/G**: NONE
- **DELIVERY DELAY**: 15
- **HISTORY LENGTH**: 50
- **PRINT INTERVAL**: 1

---

**INCON TANK SENTINEL - TS-2001 - SOFTWARE VERSION 1.07**
## System Setup Report

( Page 2 of 4 )

### SAMPLE INVENTORIES

<table>
<thead>
<tr>
<th>Type</th>
<th>STD 101</th>
<th>Delivery History Schedule</th>
<th>NONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gradient</td>
<td>9.03000</td>
<td>Alarm Schedule</td>
<td>NONE</td>
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<tr>
<td>Floats</td>
<td>2 Floats</td>
<td>Active Alarms Schedule</td>
<td>NONE</td>
</tr>
<tr>
<td>Float Type</td>
<td>Gasoline</td>
<td>Sensor Status Schedule</td>
<td>NONE</td>
</tr>
<tr>
<td>Probe 2 Type</td>
<td>STD 101</td>
<td>Vapor</td>
<td>NONE</td>
</tr>
<tr>
<td>Probe 2</td>
<td>9.03000</td>
<td>Schedule</td>
<td>NONE</td>
</tr>
<tr>
<td>Products</td>
<td>Unleaded Reg</td>
<td>Schedule</td>
<td>NONE</td>
</tr>
</tbody>
</table>

#### PRODUCT 1

- **Name**: Prod 1
- **Type**: SCALD Tests

#### PRODUCT 2

- **Name**: Prod 2
- **Type**: REGULATORY

### LINES

#### NUMBER OF LINES

- **2**

#### LINE 1

- **Name**: Line 1
- **Test Fail O/G**: NONE
- **Test Fault O/G**: NONE

#### COMM PORTS

- **Comm Port 1**: Native Mode, 1200 Baud, 8 Bits, 1 Stop Bit, No Parity

### REPORT SCHEDULES

- **Inventory Product Detail Schedule**: None
- **Product Summary Schedule**: None
- **Product Usage Detail Schedule**: None
- **Product Usage Summary Schedule**: None
- **Tank Detail Schedule**: Access 2 Phone 2
- **Tank Summary Schedule**: Access 3
- **Reconciliation Schedule**: Access 4 Phone 4
- **Delivery Product Detail Schedule**: REDIAL 4 DISABLED
- **Delivery Product Summary Schedule**: Dial DELIV
- **Delivery Schedule**: Dial Alarm

INCON TANK SENTINEL - TS-2001 - SOFTWARE VERSION 1.07
### System Setup REPORT

( Page 3 of 4 )

<table>
<thead>
<tr>
<th>DIAL LEAK</th>
<th>TANK 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIAL LINE</td>
<td>SCHEDULE NONE</td>
</tr>
<tr>
<td>DIAL SCALD</td>
<td>TIME 12:00 AM</td>
</tr>
</tbody>
</table>

### FAX/MODEM

<table>
<thead>
<tr>
<th>DATA MODE</th>
<th>MODE NATIVE</th>
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</thead>
<tbody>
<tr>
<td>BAUD</td>
<td>1200 BAUD</td>
</tr>
<tr>
<td>DATA BITS</td>
<td>8 BITS</td>
</tr>
<tr>
<td>STOP BITS</td>
<td>1 STOP BIT</td>
</tr>
<tr>
<td>PARITY</td>
<td>NO PARITY</td>
</tr>
<tr>
<td>SECURITY</td>
<td>CONFIDENCE 99.0%</td>
</tr>
<tr>
<td>ACCESS 1</td>
<td>LEAK TEST 0.20</td>
</tr>
<tr>
<td>PHONE 1</td>
<td>EXTING 18</td>
</tr>
<tr>
<td>REDIAL 1</td>
<td>VOLUME QUALIFY 0.0%</td>
</tr>
<tr>
<td>ACCESS 2</td>
<td>VAPOR RECOVERY DISABLED</td>
</tr>
<tr>
<td>PHONE 2</td>
<td>SCALD ENABLED</td>
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<tr>
<td>REDIAL 2</td>
<td>TANK 1 ENABLED</td>
</tr>
<tr>
<td>ACCESS 3</td>
<td>TANK 2 ENABLED</td>
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<tr>
<td>PHONE 3</td>
<td>ALARM ON TEST FAIL NO</td>
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<tr>
<td>REDIAL 3</td>
<td>LINE TESTS 0.1 GPH TEST SCHEDULES</td>
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<tr>
<td>ACCESS 4</td>
<td>LINE 1 SCHEDULE NONE</td>
</tr>
<tr>
<td>PHONE 4</td>
<td>TIME 12:00 AM</td>
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<tr>
<td>REDIAL 4</td>
<td>LINE 2 SCHEDULE NONE</td>
</tr>
<tr>
<td>DIAL DELIV</td>
<td>TIME 12:00 AM</td>
</tr>
<tr>
<td>DIAL ALARM</td>
<td></td>
</tr>
<tr>
<td>DIAL LEAK</td>
<td></td>
</tr>
<tr>
<td>DIAL LINE</td>
<td></td>
</tr>
<tr>
<td>DIAL SCALD</td>
<td></td>
</tr>
</tbody>
</table>

### FAX MODE

| ACCESS 1 | 9D |
| PHONE 1  | 283939? |
| ACCESS 2 | |
| PHONE 2  | |
| ACCESS 3 | |
| PHONE 3  | |
| ACCESS 4 | |
| PHONE 4  | |

### ANNUNCIATORS

<table>
<thead>
<tr>
<th>MODULATED ANNUNCIATOR</th>
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</thead>
<tbody>
<tr>
<td>TIMEOUT 0</td>
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</table>

<table>
<thead>
<tr>
<th>OUTPUT GROUPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-P -----------</td>
</tr>
<tr>
<td>Q-FF -----------</td>
</tr>
</tbody>
</table>

### LEAK TESTS

<table>
<thead>
<tr>
<th>CONFIDENCE</th>
<th>SOLID ANNUNCIATOR</th>
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<tbody>
<tr>
<td>99.0%</td>
<td>TIMEOUT 0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MIN TEST TIME</th>
<th>OUTPUT GROUPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>A-P -----------</td>
</tr>
<tr>
<td></td>
<td>Q-FF -----------</td>
</tr>
</tbody>
</table>

### LEAK TEST

<table>
<thead>
<tr>
<th>TANK 1</th>
<th>LEAK TEST</th>
</tr>
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<tbody>
<tr>
<td>0.20</td>
<td>RELAYS</td>
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<table>
<thead>
<tr>
<th>TANK 2</th>
<th>RELAY 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.20</td>
<td></td>
</tr>
</tbody>
</table>
Tank Setup
REPORT

Not Shown... Tank Setup Reports are available for any tank in the system. The tank setup report includes all of the information about a particular tank.

This is the report to printout for special tanks or special products, because the entire tank strapping table (tank chart) and information about special product is printed.

The tank name, alarm limits, and liquid level probe data, product data, and a strapping table (tank chart) are shown in this report. The strapping table print-interval may also be changed when this report is requested.

INCOM TANK SENTINEL - TS-2001 - SOFTWARE VERSION 1.07
Regulatory REPORT

This report can be sent to the regulatory agency as verification of compliance.

It shows the hardware status of equipment that is part of the INCON Tank Sentinel system.

In addition, the last 12 months of PASSED Static and SCALD tank leak tests, and passed 0.2 gph line tests are shown. Also, the last 0.1 gph annual precision line leak tests for all lines are shown.

Also see tank Leak Test and Line Compliance Test reports.

---

Sample Regulatory Report

INCON
INTELLIGENT CONTROLS INC
P.O. BOX 638
SACO ME 04072
1-800-984-5266

08/27/1998 2:22 PM

REGULATORY REPORT

HARDWARE STATUS

TS-CIM MOT INSTALLED
TS-ROM MOT INSTALLED
TS-SEM 1 MOT INSTALLED
TS-SEM 2 MOT INSTALLED
TS MOD 1 MOT INSTALLED
TS MOD 2 MOT INSTALLED
PRINTER OPERATIONAL
FAX/MOD OPERATIONAL

PROBES

PROBE 1 OPERATIONAL
PROBE 2 OPERATIONAL

SENSORS

SENSOR 1 OPERATIONAL
SENSOR 2 OPERATIONAL
SENSOR 3 OPERATIONAL
SENSOR 4 OPERATIONAL
SENSOR 5 OPERATIONAL

LINES

LIME NO. 1 OPERATIONAL
LIME NO. 2 OPERATIONAL

AUXILIARY INPUTS

AUX IN 1 OPERATIONAL
AUX IN 2 OPERATIONAL

PASSED LEAK TESTS

TANK 1

08/26/1998 7:42 PM
LEAK TEST 0.20
SLOPE -0.03

TANK 2

08/26/1998 7:42 PM
LEAK TEST 0.20
SLOPE -0.04

PASSED SCALD TESTS

TANK 1

08/27/1998 12:35 PM
LEAK TEST 0.20
SLOPE -0.00

08/26/1998 7:42 PM
LEAK TEST 0.20
SLOPE -0.00

TANK 2

08/27/1998 12:54 PM
LEAK TEST 0.20
SLOPE -0.04

08/26/1998 7:42 PM
LEAK TEST 0.20
SLOPE -0.09

PASSED LINE TESTS

LIME 1

08/26/1998 5:33 PM
LEAK TEST 0.10
SLOPE 0.05

08/26/1998 5:32 PM
LEAK TEST 0.20
SLOPE 0.00

LIME 2

08/26/1998 5:33 PM
LEAK TEST 0.10
SLOPE 0.05

08/26/1998 5:32 PM
LEAK TEST 0.20
SLOPE 0.00

LAST PASSED .1 GPH

08/26/1998 5:33 PM
LEAK TEST 0.10
SLOPE 0.05
Special Reports

Generator Run REPORT

*Not shown...* This report shows when the generator started (BEGIN time), and stopped (END time), and the fuel consumed (USAGE & USAGE RATE) during the run. *This report is available only with consoles that have the special Emergency Generator application software.*

---

Print Test REPORT

Use this report to check the operation and function of the printer. The standard report header is not included in the Print Test report. Print should be uniformly dark, clear, and legible.

---

..PRINTER TEST..

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
0123456789

<--- 24 columns --->