

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Nott Creek**Date: **13-Aug-09**Time: **11:59**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
<b>BY R 0324</b>	<b>150</b>
<b>BY R 0202</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**Switches: **0150-0012-0112-11011**

Jumpers:

Eprom: **B**Tx Freq: **169.525**

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
<b>150</b>	<b>12:08</b>	<b>1</b>		<b>0</b>
<b>150</b>	<b>12:08</b>	<b>2</b>		<b>0</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY R 0324</b>	<b>13.00</b>	

**Problem:** Battery low.**Action Taken:** Replaced battery. TB OK.**Site Notes:****Follow-Up:**

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**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Leyden Reservoir	Date:	12-Aug-09
Service Type:	Inspection	Technician:	MZ
			Time: 12:47
			Status: Incomplete

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB partially blocked, cleaned out. TB OK. Could not receive transmissions at truck.

**Site Notes:**

**Follow-Up:**

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**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Upper Leyden	Date:	12-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	13:58
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

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<b>Service Log</b>			
Site Name:	Guy Hill	Date:	13-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 12:46
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

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**Service Log**

Site Name: **Montview Park**      Date: **12-Aug-09**      Time: **10:09**  
 Service Type: **OneRain Service Ca**      Technician: **DP**      Status: **OK**

**Configuration Changes**

Part #	Location
PT D 2113453	400
PT D 2672058	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
403	0.011	-0.0129	0.004

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt
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**Settings and Performance**

Switches:  
 Jumpers:  
 Eprom:  
 Tx Freq:  
 Rx Freq:  
 Fwd Power:  
 Rev Power:  
 SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
400	10:20	352		0
400	10:20	353		0
403	10:12	1847	9.08 psi	1955
403	10:12	1431	7.04 psi	1515
403	10:13	1036	5.09 psi	1096
403	10:13	632	3.11 psi	668
403	10:13	222	1.08 psi	232
403	10:14	1031	5.07 psi	1036
403	10:15	421	2.06 psi	422

**Battery Tests**

Battery #	V Quiescent	V Load
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**Problem:**

**Action Taken:** Replaced PT, calibrated, repeatability OK. TB OK.

{Auto Entry: Calibrated sensor 403 by linear regression. Modified calibration data. New calibration [Slope(0.0113), Calibration Offset(-0.0129), Std Error(0.0040), Calibration Date(8/12/2009 10:14:07 AM)]}.

**Site Notes:**

**Follow-Up:** Replace 1/2 pvc cap on intake.

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<b>Service Log</b>			
Site Name:	Kelly Dam	Date:	11-Aug-09
Service Type:	OneRain Service Ca	Technician:	DP
		Time:	9:37
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
PT D 2881227	410

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error
413	0.015	-0.0124	0.0054

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
410	13:43	118		0
410	13:44	119		0
413	13:27	1386	9.14 psi	1917
413	13:28	1068	7.05 psi	1479
413	13:28	765	5.05 psi	1059
413	13:29	465	3.06 psi	643
413	13:29	163	1.07 psi	225
413	13:30	771	5.08 psi	772
413	13:31	306	2.00 psi	305

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Pulled in new PT, replaced 10 ft of PVC due to lightning damage, calibrated PT, repeatability OK. TB OK.  
 {Auto Entry: Calibrated sensor 413 by linear regression. Modified calibration data. New calibration [Slope(0.0152), Calibration Offset(-0.0124), Std Error(0.0054), Calibration Date(8/11/2009 1:29:39 PM)]}.

**Site Notes:**

**Follow-Up:**

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**Service Log**Site Name: **Aurora FS#7**Date: **10-Aug-09**Time: **12:25**Service Type: **Inspection**Technician: **SB**Status: **OK****Configuration Changes**

Part #	Location
<b>BY R 0945</b>	<b>440</b>
<b>BY R 0286</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**Switches: **0440-3-D**

Jumpers:

Eprom:

Tx Freq: **169.525**

Rx Freq:

Fwd Power: **4.9**Rev Power: **0.1**SWR: **1.33****Test Transmission**

Port	Time	Count	Measure	Predicted
<b>440</b>	<b>12:35</b>	<b>1</b>		<b>0</b>
<b>440</b>	<b>12:35</b>	<b>2</b>		<b>0</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY R 0945</b>	<b>13.09</b>	

**Problem:****Action Taken:** Replaced battery and desiccant. RF OK. TB OK.**Site Notes:****Follow-Up:**

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**Service Log**Site Name: **Virginia Court**Date: **10-Aug-09**Time: **11:16**Service Type: **Inspection**Technician: **SB**Status: **OK****Configuration Changes**

Part #	Location
<b>BY R 0344</b>	<b>510</b>
<b>BY R 0417</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**Switches: **0510-3-D**

Jumpers:

Eprom:

Tx Freq: **169.525**

Rx Freq:

Fwd Power: **4.8**Rev Power: **0.0**SWR: **1.1****Test Transmission**

Port	Time	Count	Measure	Predicted

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY R 0344</b>	<b>13.04</b>	

**Problem:****Action Taken:** Replaced battery and desiccant. TB OK. RF OK.**Site Notes:****Follow-Up:**



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**Service Log**Site Name: **Jewell Detention**Date: **10-Aug-09**Time: **11:44**Service Type: **Inspection**Technician: **SB**Status: **OK****Configuration Changes**

Part #	Location
<b>BY R 0836</b>	<b>520</b>
<b>BY R 0340</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**Switches: **0520-3-D**

Jumpers:

Eprom:

Tx Freq: **169.525**

Rx Freq:

Fwd Power: **5.0**Rev Power: **0.0**SWR: **1.09****Test Transmission**

Port	Time	Count	Measure	Predicted
<b>520</b>	<b>11:57</b>	<b>1</b>		<b>0</b>
<b>520</b>	<b>11:57</b>	<b>2</b>		<b>0</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY R 0836</b>	<b>12.84</b>	

**Problem:****Action Taken:** Replaced battery and desiccant. TB OK. RF OK. Cleaned TB Funnel.**Site Notes:****Follow-Up:**

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<b>Service Log</b>			
Site Name:	Denver FS #19	Date:	11-Aug-09
Time:	11:28		
Service Type:	Inspection	Technician:	MZ
Status:	OK		

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	0530-3-D
Jumpers:	
Eprom:	
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

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<b>Service Log</b>			
Site Name:	Parker and Miss.	Date:	11-Aug-09
Service Type:	Inspection	Technician:	MZ
			Time: 11:15
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

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<b>Service Log</b>			
Site Name:	Quincy/Highline	Date:	11-Aug-09
Service Type:	Inspection	Technician:	MZ
			Time: 10:24
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

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<b>Service Log</b>			
Site Name:	Temple Pond	Date:	18-Aug-09
Service Type:	OneRain Service Ca	Technician:	MZ
		Time:	12:13
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0915	630
BY R 0415	9000

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0915	13.01	

**Problem:**

**Action Taken:** Replaced Battery. TB OK.

**Site Notes:**

**Follow-Up:**

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<b>Service Log</b>			
Site Name:	Iliff Pond	Date:	18-Aug-09
Service Type:	OneRain Service Ca	Technician:	MZ
		Time:	12:43
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0220	650
BY R 0217	9000

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0220	13.37	

**Problem:**

**Action Taken:** Replaced Battery. TB OK.

**Site Notes:**

**Follow-Up:**

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**Service Log**

Site Name: Horseshoe Park

Date: 10-Aug-09

Time: 12:48

Service Type: Inspection

Technician: SB

Status: OK

**Configuration Changes**

Part #	Location
BY R 0849	710
BY R 0915	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches: 00E  
 Jumpers: JB3&5  
 Eprom: R1.8 9CA1  
 Tx Freq: 169.525  
 Rx Freq:  
 Fwd Power: 4.8  
 Rev Power: 0.0  
 SWR: 1.1

**Test Transmission**

Port	Time	Count	Measure	Predicted
710	13:27	1		0
710	13:27	2		0

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0849	13.12	

**Problem:**

**Action Taken:** Replaced Desiccant and battery. PT OK. Good hydraulic Contact. Flushed intake. Cleaned funnel. RF OK.

**Site Notes:****Follow-Up:**

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**Service Log**

Site Name: **Confluence Pond**      Date: **10-Aug-09**      Time: **13:43**  
 Service Type: **Inspection**      Technician: **SB**      Status: **OK**

**Configuration Changes**

Part #	Location
BY R 0510	720
BY R 0549	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
723	0.012	-0.2563	0.0655

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt
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**Settings and Performance**

Switches: **0720-00E**  
 Jumpers: **C: JB6(12), J3,4 off;L:JB8,**  
 Eprom: **R 1.1.1 5C58**  
 Tx Freq: **169.525**  
 Rx Freq:  
 Fwd Power: **5.0**  
 Rev Power: **0.0**  
 SWR: **1.09**

**Test Transmission**

Port	Time	Count	Measure	Predicted
720	14:22	1		0
720	14:23	2		0
723	14:00	1725	8.80 psi	1745
723	14:01	1551	7.96 psi	1581
723	14:02	1256	6.31 psi	1255
723	14:03	776	3.89 psi	779
723	14:04	618	3.08 psi	617
723	14:05	247	1.19 psi	245

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0510	12.90	

**Problem:**

**Action Taken:** {Auto Entry: Calibrated sensor 723 by linear regression. Modified calibration data. New calibration [Slope(0.0119), Calibration Offset(-0.2563), Std Error(0.0655), Calibration Date(8/10/2009 2:06:08 PM)]}.

Changed desiccant and battery. Replaced desiccant in PT box. Calibrated stream PT. Good hydraulic contact. RF OK. TB OK.

**Site Notes:****Follow-Up:**



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**Service Log**

Site Name: **Mission Viejo Pk**      Date: **10-Aug-09**      Time: **14:37**  
 Service Type: **Inspection**      Technician: **SB**      Status: **OK**

**Configuration Changes**

Part #	Location
BY R 0502	760
BY R 0416	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches: **0760-3-D**  
 Jumpers:  
 Eprom:  
 Tx Freq: **169.525**  
 Rx Freq:  
 Fwd Power: **5.0**  
 Rev Power: **0.0**  
 SWR: **1.09**

**Test Transmission**

Port	Time	Count	Measure	Predicted

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0502	13.07	

**Problem:**

**Action Taken:** Replaced desiccant and battery. TB OK. RF OK. Cleaned TB funnel.

**Site Notes:****Follow-Up:**

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**Service Log**

Site Name: **Side Creek Park**      Date: **10-Aug-09**      Time: **15:06**  
 Service Type: **Inspection**      Technician: **SB**      Status: **OK**

**Configuration Changes**

Part #	Location
BY R 0802	830
BY R 0247	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches: **0830-3-D**  
 Jumpers:  
 Eprom:  
 Tx Freq: **169.525**  
 Rx Freq:  
 Fwd Power: **5.0**  
 Rev Power: **0.0**  
 SWR: **1.09**

**Test Transmission**

Port	Time	Count	Measure	Predicted
830	15:15	1		0
830	15:16	2		0

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0802	12.88	

**Problem:**

**Action Taken:** Replaced battery and desiccant. Cleaned TB funnel. TB OK. RF OK.

**Site Notes:****Follow-Up:**

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<b>Service Log</b>			
Site Name:	Aurora FS 12	Date:	11-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	12:29
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

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<b>Service Log</b>			
Site Name: <b>NREL/SERI</b>	Date: <b>12-Aug-09</b>	Time: <b>12:02</b>	
Service Type: <b>Inspection</b>	Technician: <b>MZ</b>	Status: <b>OK</b>	

<b>Configuration Changes</b>	
<i>Part #</i>	<i>Location</i>

<b>Transducer Calibration</b>			
<i>Sensor ID</i>	<i>Slope</i>	<i>Calib Offset</i>	<i>Std Error</i>

<b>Tx Maintenance</b>				
<i>Part #</i>	<i>Ref V</i>	<i>Freq Err</i>	<i>Deviation</i>	<i>ROM Batt</i>

<b>Settings and Performance</b>
<i>Switches:</i>
<i>Jumpers:</i>
<i>Eprom:</i>
<i>Tx Freq:</i>
<i>Rx Freq:</i>
<i>Fwd Power:</i>
<i>Rev Power:</i>
<i>SWR:</i>

<b>Test Transmission</b>				
<i>Port</i>	<i>Time</i>	<i>Count</i>	<i>Measure</i>	<i>Predicted</i>

<b>Battery Tests</b>		
<i>Battery #</i>	<i>V Quiescent</i>	<i>V Load</i>

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

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<b>Service Log</b>			
Site Name:	Apex	Date:	13-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 13:38
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
1060	13:41	299		0
1060	13:41	300		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Roslyn	Date:	11-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	12:52
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	1330
Jumpers:	
Eprom:	9601-01-90 v. 3.9M
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Chatfield Dam	Date:	12-Aug-09
Service Type:	Inspection	Technician:	MZ
			Time: 11:14
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Denver ZOO	Date:	11-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	11:49
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Fire Station 13	Date:	12-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	11:28
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Marston Lake	Date:	19-Aug-09
Service Type:	OneRain Service Ca	Technician:	SB/MZ
			Time: 12:17
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
2704	13:26	9		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Installed Comm Engine in place of High Sierra serial transmitter.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Marston Lake	Date:	28-Aug-09
Service Type:	OneRain Service Ca	Technician:	MZ
		Time:	11:17
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Updated Program.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Lakewood CC**Date: **17-Aug-09**Time: **9:55**Service Type: **Inspection**Technician: **DP/SB**Status: **OK****Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
1550	9:58	374		0
1550	9:59	375		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** TB OK.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Englewood Dam	Date:	12-Aug-09
Service Type:	OneRain Service Ca	Technician:	DP
			Time: 11:02
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error
1603	0.01	-0.0127	0.0057

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>					
Port	Time	Count	Measure	Predicted	
1600	15:05	236			0
1600	15:06	237			0
1603	14:52	2047	9.09	psi	2179
1603	14:52	1671	7.08	psi	1703
1603	14:53	1233	5.23	psi	1262
1603	14:54	728	3.09	psi	752
1603	14:54	484	2.05	psi	507
1603	14:57	2047	8.70	psi	2086

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Pulled new PT, calibrated, repeatability OK, good hydraulic contact. TB OK.  
 {Auto Entry: Calibrated sensor 1603 by linear regression. Modified calibration data. New calibration [Slope(0.0098), Calibration Offset(-0.0127), Std Error(0.0057), Calibration Date(8/12/2009 2:57:37 PM)]}.

**Site Notes:** Buried junction box about 10 ft. N of west edge of structure.

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	SPR at Union Ave.	Date:	12-Aug-09
Service Type:	Repair	Technician:	MZ
			Time: 10:55
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Reprogrammed Sutron 8200 with proper ID for stage (1643)

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	SPR at Union Ave.	Date:	19-Aug-09
Time:	10:16	Status:	OK
Service Type:	OneRain Service Ca	Technician:	SB/MZ

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Uploaded new program in the Sutron. USGS takes stage reading every 15 minutes. Our equipment reads every 5 Min.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	SPR at Union Ave.	Date:	11-Aug-09
Time:	10:05	Status:	OK
Service Type:	OneRain Service Ca	Technician:	MZ

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Repaired wiring link from USGS Sutron SatLink to Sutron 8200/Tx. Stage reporting OK.

**Site Notes:**

**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	SPR at Henderson	Date:	24-Aug-09
Time:	10:19	Service Type:	OneRain Service Ca
Status:	OK	Technician:	DP

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
1660	10:35	70		0
1660	10:36	72		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:** Quit 8/18/09

**Action Taken:** Radio bad, received locally but no real power, replaced, RF OK. TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Shop Creek	Date:	12-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	10:00
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0416	1710

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0416	13.03	

**Problem:**

**Action Taken:** Replaced Battery. TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Shop Creek	Date:	11-Aug-09
Service Type:	Inspection	Technician:	MZ
		Time:	10:54
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Brook Forest	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
		Time:	10:27
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	2260-0012-0112-11011
Jumpers:	
Eprom:	B
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
2260	10:28	269		0
2260	10:28	270		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Kinney Peak	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 11:01
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
2280	11:03	335		0
2280	11:04	336		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Genesee Village**Date: **14-Aug-09**Time: **9:39**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**Switches: **2310-0012-0112-11011**

Jumpers:

Eprom: **B**Tx Freq: **169.525**

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
2310	9:42	339		0
2310	9:47	340		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** Topsection funnel and TB funnels plugged, cleared, TB OK.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Choke Cherry Res	Date:	21-Aug-09
Service Type:	OneRain Service Ca	Technician:	DP/GH
		Time:	13:15
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
2320	14:21	30		0
2320	14:22	31		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Replaced repeater with original (single radio) with Ritron radio, adjusted squelch, with cavity filter in line. TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**

Site Name: El Rancho

Date: 14-Aug-09

Time: 9:57

Service Type: Inspection

Technician: DP

Status: OK

**Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
2340	9:58	264		0
2340	9:58	265		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** TB OK.**Site Notes:****Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Idledale**Date: **14-Aug-09**Time: **11:46**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
2350	11:47	332		0
2350	11:48	333		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** TB OK.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Indian Hills	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
		Time:	11:30
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	2360-0012-0112-11011
Jumpers:	
Eprom:	B
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
2360	11:31	284		0
2360	11:31	285		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**

Site Name: **Red Rocks**      Date: **21-Aug-09**      Time: **14:40**  
 Service Type: **OneRain Service Ca**      Technician: **DP**      Status: **OK**

**Configuration Changes**

Part #	Location
BY R 0919	2370
BY R 0211	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches:  
 Jumpers:  
 Eprom:  
 Tx Freq:  
 Rx Freq:  
 Fwd Power:  
 Rev Power:  
 SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0919	13.05	

**Problem:**

**Action Taken:** Replaced battery due to testing performed. TB OK.

**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Crescent Rain	Date:	14-Aug-09
Time:	13:00	Service Type:	Inspection
Technician:	DP	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4010	13:01	202		0
4010	13:01	203		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Rio Grande Rain	Date:	14-Aug-09
Time:	13:14	Service Type:	Inspection
Technician:	DP	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Red Garden Rain	Date:	27-Aug-09
Time:	13:34	Service Type:	Administration
Status:	OK	Technician:	SB

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Martin Gulch	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 14:26
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4040	14:27	103		0
4040	14:27	104		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Walker Ranch	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 14:06
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4050	14:08	152		0
4050	14:09	153		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Lakeshore	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 13:57
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Bear Peak	Date:	14-Aug-09
Service Type:	Inspection	Technician:	DP
			Time: 14:52
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4070	14:55	198		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Twin Sisters	Date:	20-Aug-09
		Time:	9:58
Service Type:	OneRain Service Ca	Technician:	SB
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Magnolia	Date:	20-Aug-09
Service Type:	OneRain Service Ca	Technician:	SB
			Time: 10:30
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Filter Plant	Date:	17-Aug-09
Time:	13:38	Service Type:	Inspection
Technician:	DP/SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4100	13:38	60		0
4100	13:39	61		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Betasso	Date:	17-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 13:20
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Swiss Peaks**Date: **17-Aug-09**Time: **13:58**Service Type: **Inspection**Technician: **DP/SB**Status: **OK****Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
4130	14:02	148		0
4130	14:03	149		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** TB OK.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Logan Mill	Date:	18-Aug-09
Service Type:	Inspection	Technician:	DP/SB
		Time:	10:52
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4140	10:52	557		0
4140	10:53	558		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Gold Hill	Date:	18-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 11:28
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4150	11:34	166		0
4150	11:34	167		0
4150	11:35	168		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Topsection funnel plugged, cleared, TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Sunshine	Date:	18-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 11:49
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4160	11:52	160		0
4160	11:53	177		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK. (decoder error).

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Pinebrook	Date:	27-Aug-09
Time:	14:26	Service Type:	Administration
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Gold Lake	Date:	18-Aug-09
Service Type:	Inspection	Technician:	DP/SB
		Time:	13:01
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4180	13:02	144		0
4180	13:03	145		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	<b>Slaughterhouse</b>	Date:	<b>25-Aug-09</b>
Service Type:	<b>Inspection</b>	Technician:	<b>DP/SB</b>
		Time:	<b>10:56</b>
		Status:	<b>OK</b>

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4190	11:06	143		0
4190	11:11	144		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Lazy Acres	Date:	25-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 10:30
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4200	10:32	151		0
4200	10:32	152		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Flings	Date:	18-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 13:24
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4220	13:24	184		0
4220	13:25	185		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Golden Age	Date:	25-Aug-09
Service Type:	Inspection	Technician:	DP/SB
		Time:	11:41
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Sunset	Date:	18-Aug-09
Time:	12:17	Service Type:	Inspection
Technician:	DP/SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4240	12:18	124		0
4240	12:18	125		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

#: 400057

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

Site ID: 4250

**Service Log**

Site Name: **Geer Canyon**

Date: **20-Aug-09**

Time: **15:38**

Service Type: **Inspection**

Technician: **SB**

Status: **OK**

**Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port    Time    Count    Measure    Predicted

**Battery Tests**

Battery #    V Quiescent    V Load

**Problem:**

**Action Taken:** TB OK

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Taylor Mountain	Date:	20-Aug-09
Time:	12:47	Service Type:	Inspection
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Cannon Mountain	Date:	18-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 13:47
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4270	14:02	150		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Red Hill	Date:	20-Aug-09
Time:	15:04	Service Type:	Inspection
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	4290-00E
Jumpers:	C:J5 off
Eprom:	R 1.8 9CA1
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Big Elk Park**Date: **26-Aug-09**Time: **12:45**Service Type: **Inspection**Technician: **DP/SB**Status: **OK****Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
4300	12:46	149		0
4300	12:47	150		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** TB OK.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Johnny Park	Date:	26-Aug-09
Time:	11:36	Service Type:	Inspection
Status:	OK	Technician:	DP/SB

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4310	11:37	183		0
4310	11:37	184		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Hansen	Date:	25-Aug-09
Time:	9:36	Service Type:	Inspection
Technician:	DP/SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	4330-00E
Jumpers:	C: J5 off
Eprom:	R 1.8 9CA1
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4330	9:37	98		0
4330	9:37	99		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**

Site Name: **Riverside**                      Date: **25-Aug-09**                      Time: **13:14**  
Service Type: **Inspection**                      Technician: **DP/SB**                      Status: **OK**

**Configuration Changes**

Part #	Location

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches:  
Jumpers:  
Eprom:  
Tx Freq:  
Rx Freq:  
Fwd Power:  
Rev Power:  
SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
4340	13:16	122		0
4340	13:16	123		0

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:****Action Taken:** TB OK.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Conifer Hill	Date:	20-Aug-09
Service Type:	Inspection	Technician:	SB
			Time: 13:31
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Justice Center	Date:	17-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 14:31
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4360	14:42	661		0
4360	14:43	662		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**

Site Name: **Bridge**                      Date: **17-Aug-09**                      Time: **11:12**  
Service Type: **OneRain Service Ca**      Technician: **DP/SB**                      Status: **OK**

**Configuration Changes**

Part #	Location
PT D 2841951	4420
BY CSR 0204	4420
BY R 0837	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
4423	0.011	0.0176	0.0061

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches:  
Jumpers:  
Eprom:  
Tx Freq:  
Rx Freq:  
Fwd Power:  
Rev Power:  
SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
4423	12:34	1870	9.07 psi	1834
4423	12:35	1451	7.05 psi	1425
4423	12:35	1044	5.08 psi	1026
4423	12:35	623	3.03 psi	612
4423	12:36	220	1.07 psi	216
4423	12:37	1044	5.07 psi	1043
4423	12:37	430	2.09 psi	430

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Pulled in new PT and calibrated, repeatability OK, good hydraulic contact. Replaced battery. {Auto Entry: Calibrated sensor 4423 by linear regression. Modified calibration data. New calibration [Slope(0.0112), Calibration Offset(0.0176), Std Error(0.0061), Calibration Date(8/17/2009 12:36:36 PM)]}.

**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

**Service Log**Site Name: **Apple Valley**Date: **25-Aug-09**Time: **14:02**Service Type: **Inspection**Technician: **DP/SB**Status: **OK****Configuration Changes**

Part #                      Location

**Transducer Calibration**

Sensor ID    Slope    Calib Offset    Std Error

**Tx Maintenance**

Part #    Ref V    Freq Err    Deviation    ROM Batt

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
4490	14:11	189		0

**Battery Tests**

Battery #            V Quiescent    V Load

**Problem:****Action Taken:** TB OK. Top section funnel plugged, cleared.**Site Notes:****Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Pinewood Spring	Date:	26-Aug-09
Service Type:	Inspection	Technician:	DP/SB
			Time: 11:03
			Status: OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4510	11:07	174		0
4510	11:07	175		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Eagle Ridge	Date:	26-Aug-09
Service Type:	Inspection	Technician:	DP/SB
		Time:	10:20
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4520	10:23	1299		0
4520	10:24	1300		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**  
**Action Taken:** TB OK.  
**Site Notes:**  
**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Winiger Ridge	Date:	20-Aug-09
Time:	11:11		
Service Type:	Inspection	Technician:	SB
Status:	OK		

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**



**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Boulder Jail	Date:	27-Aug-09
Time:	12:01	Service Type:	Administration
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:** Watch for wasps!

#: 400053

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

Site ID: 4570

<b>Service Log</b>			
Site Name:	St. Antons	Date:	20-Aug-09
Service Type:	Inspection	Technician:	SB
		Time:	11:50
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	<b>Broadway</b>	Date:	<b>26-Aug-09</b>
Service Type:	<b>Administration</b>	Technician:	<b>SB</b>
		Time:	<b>15:34</b>
		Status:	<b>OK</b>

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** The reference level at Head was changed from -.12 to -.05. This was changed so that the PT matched the staff guage on site. Kim Hutton of Boulder had requested the change since the PT was .07 off from the staff.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Shanahan Ridge	Date:	27-Aug-09
Time:	12:35		
Service Type:	Administration	Technician:	SB
Status:	OK		

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Dowdy Draw	Date:	27-Aug-09
Time:	13:02	Service Type:	Administration
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>	
Switches:	4820-00E
Jumpers:	C: J5 off
Eprom:	R 1.8 9CA1
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Cleaned Funnel. TB OK.

**Site Notes:**

**Follow-Up:**

**MAINTENANCE RECORD**  
**URBAN DRAINAGE AND FLOOD CONTROL DISTRICT**  
**ONERAIN INCORPORATED**

<b>Service Log</b>			
Site Name:	Fairview Peak	Date:	28-Aug-09
Time:	11:13	Service Type:	Administration
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt

<b>Settings and Performance</b>
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** TB OK.

**Site Notes:**

**Follow-Up:**