

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

**Service Log**

Site Name: Carr St                      Date: 26-Oct-10                      Time: 10:42  
 Service Type: End of Season                      Technician: DP                      Status: Site Down

**Configuration Changes**

Part #	Location
TX J 11031	9000
TB J 19637	9000
BY R 0251	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
103	10:47	1195	5.05 psi	1186
103	10:48	482	2.01 psi	478

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:** Potential reconstruction of park/stream.

**Follow-Up:**

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

**Service Log**

Site Name: **Croke Pump Stn**      Date: **26-Oct-10**      Time: **13:07**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 28970	9000
TB J 13269	9000
BY R 0940	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
123	13:16	1074	5.15 psi	1069
123	13:25	415	2.01 psi	416

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

**Service Log**

Site Name: **Simm St**                      Date: **26-Oct-10**                      Time: **12:03**  
 Service Type: **End of Season**                      Technician: **DP**                      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 25155	9000
BY R 0902	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
133	12:04	1069	5.05 psi	1050
133	12:05	425	2.00 psi	416

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Nott Creek	Date:	22-Nov-10
Service Type:	End of Season	Technician:	DP
		Time:	12:42
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25151	9000
TB H 568	9000
BY R 0412	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:	0150-0012-0112-11011
Jumpers:	
Eprom:	B
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

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

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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Leyden Reservoir	Date:	22-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 12:43
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 14148	9000
TB J 19612	9000
BY R 0321	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, left in deep water for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Leyden Conf.**      Date: **26-Oct-10**      Time: **11:42**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 8696	9000
TB J 18572	9000
BY R 0401	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
213	11:45	1155	5.02 psi	1135
213	11:46	479	2.06 psi	466

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Upper Leyden	Date:	22-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 12:45
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TB PW 001	9000
BY R 1002	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed battery and TB for off season maintenance. Benched txr.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Van Bibber Park	Date:	26-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 12:41
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 13313	9000
TB J 13776	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

**Problem:**

**Action Taken:** Removed txr, battery and TB for off season maintenance,

**Site Notes:**

**Follow-Up:**



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

**Service Log**

Site Name: **Guy Hill**                      Date: **22-Nov-10**                      Time: **12:46**  
Service Type: **End of Season**                      Technician: **DP**                      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 19666	9000
TB J 18553	9000
BY R 0828	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches: **0310-3-0**  
Jumpers:  
Eprom:  
Tx Freq: **169.525**  
Rx Freq:  
Fwd Power:  
Rev Power:  
SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Sports Complex	Date:	26-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 11:13
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 28969	9000
TX J 11032	9000
TB J 10739	9000
BY R 0623	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	
323	11:17	1053	5.08 psi	1034	
323	11:19	428	2.03 psi	412	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Van Bibber @ 93	Date:	22-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 12:48
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25154	9000
TB H 551	9000
BY R 0332	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Montview Park	Date:	12-Nov-10
Service Type:	End of Season	Technician:	DP
		Time:	9:26
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 11035	9000
TB J 3976	9000
BY R 0841	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance. Patched hole in standpipe from mowing equipment.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Kelly Dam	Date:	16-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 12:49
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 8693	9000
TB S 9503	9000
BY R 0307	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Expo Park	Date:	12-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 9:29
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 11036	9000
TB J 21334	9000
BY R 0810	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, left in deep water for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Utah Park	Date:	12-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 9:31
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 27310	9000
TB J 23084	9000
BY R 0416	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Aurora FS#7**      Date: **16-Nov-10**      Time: **9:44**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 18543	9000
TB J 10749	9000
BY R 0924	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**



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

**Service Log**

Site Name: **Havana Park**      Date: **12-Nov-10**      Time: **9:33**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
<b>TX J 15784</b>	<b>9000</b>
<b>TB J 24912</b>	<b>9000</b>
<b>BY R 0814</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**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
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**Battery Tests**

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

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Virginia Court**      Date: **12-Nov-10**      Time: **9:34**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
<b>TX J 18542</b>	<b>9000</b>
<b>TB J 20912</b>	<b>9000</b>
<b>BY R 1001</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**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
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**Battery Tests**

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

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Jewell Detention	Date:	12-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 9:35
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 18540	9000
TB J 18549	9000
BY R 0832	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: <b>Denver FS #19</b>	Date: <b>17-Nov-10</b>	Time: <b>10:26</b>
Service Type: <b>End of Season</b>	Technician: <b>DP</b>	Status: <b>Site Down</b>

**Configuration Changes**

Part #	Location
<b>TX J 18533</b>	<b>9000</b>
<b>TB J 23318</b>	<b>9000</b>
<b>BY R 0807</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: **0530-3-D**

Jumpers:

Eprom:

Tx Freq: **169.525**

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Parker and Miss.**      Date: **17-Nov-10**      Time: **10:27**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 18532	9000
TB J 21318	9000
BY R 1003	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Harvard Gulch Pk	Date:	18-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 10:35
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 8691	9000
TB J 19629	9000
BY R 0816	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Harvard/Jackson**      Date: **18-Nov-10**      Time: **10:36**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 148	9000
TB J 23289	9000
BY R 0437	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**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
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**Battery Tests**

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

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Quincy/Highline

Date: 18-Nov-10

Time: 10:38

Service Type: End of Season

Technician: DP

Status: Site Down

**Configuration Changes**

Part #	Location
TX J 15788	9000
TB J 19644	9000
BY R 0917	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

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



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

**Service Log**

Site Name: Temple Pond      Date: 18-Nov-10      Time: 10:39  
Service Type: End of Season      Technician: DP      Status: Site Down

**Configuration Changes**

Part #	Location
TX J 8697	9000
TB J 10764	9000
BY R 0244	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Goldsmith/E'man	Date:	18-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 10:43
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 4397	9000
TB J 19639	9000
BY R 0511	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Iliff Pond**                      Date: **17-Nov-10**                      Time: **10:28**  
Service Type: **End of Season**                      Technician: **DP**                      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 18531	9000
TB J 25035	9000
BY R 0918	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Both PT's tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

**Service Log**

Site Name: Tollgate at 6th      Date: 16-Nov-10      Time: 9:45  
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

**Battery Tests**

Battery #    V Quiescent    V Load

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Benched txr. RF OK. TB OK. Bubbler agreed with staff gauge. Solar OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Horseshoe Park	Date:	16-Nov-10
Time:	9:47	Service Type:	End of Season
Technician:	DP	Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25186	9000
TB J 8366	9000
BY R 0436	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Confluence Pond	Date:	16-Nov-10
Service Type:	End of Season	Technician:	DP
		Time:	9:50
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 11034	9000
TB J 23294	9000
BY R 0618	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Both PT's tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	No Name @ Quincy	Date:	16-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 9:51
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 15783	9000
TB J 10735	9000
BY R 0935	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Quincy Reservoir**      Date: **16-Nov-10**      Time: **9:53**  
Service Type: **Inspection**      Technician: **DP**      Status: **OK**

**Configuration Changes**

Part #	Location
<b>BY R 1006</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**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
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**Battery Tests**

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

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. RF OK. Solar OK. TB OK. RH/AT OK. Wind sensor rotating freely.

**Site Notes:**

**Follow-Up:**



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

**Service Log**

Site Name: **Mission Viejo Pk**      Date: **16-Nov-10**      Time: **9:55**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 18534	9000
TB J 23174	9000
BY R 0402	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Sable Ditch	Date:	09-Nov-10
		Time:	9:18
Service Type:	End of Season	Technician:	DP
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 15785	9000
TB J 29967	9000
BY R 0923	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance

**Site Notes:**

**Follow-Up:**

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

**Service Log**Site Name: **Grandby Ditch**Date: **16-Nov-10**Time: **9:56**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 15787	9000
TB J 19496	9000
BY R 0318	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	ETG @ Buckley	Date:	16-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 9:57
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 15780	9000
TB J 2531	9000
BY R 0218	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Side Creek Park      Date: 16-Nov-10      Time: 9:58  
Service Type: End of Season      Technician: DP      Status: Site Down

**Configuration Changes**

Part #	Location
TX J 19662	9000
TB J 8374	9000
BY R 0847	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Aurora FS 12	Date:	09-Nov-10
Time:	9:12	Status:	Site Down
Service Type:	End of Season	Technician:	DP

<b>Configuration Changes</b>	
Part #	Location
TB J 21330	9000
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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Benched txr. Removed battery and TB for of season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Flying J	Date:	09-Nov-10
Time:	9:15	Service Type:	End of Season
Technician:	DP	Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TB J 16628	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed battery and TB for off season maintenance. Benched txr.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Sand Creek @ Colfax      Date: 09-Nov-10      Time: 9:16  
 Service Type: End of Season      Technician: DP      Status: Site Down

**Configuration Changes**

Part #	Location
TB J 16624	9000
BY R 0908	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed battery and TB for off season maintenance. About 50 ft. of conduit exposed.

**Site Notes:**

**Follow-Up:** Re bury conduit.



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

**Service Log**

Site Name: **Murphy Creek**      Date: **16-Nov-10**      Time: **9:59**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TB J 16621	9000
BY R 0829	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**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
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**Battery Tests**

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

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed battery and TB for off season maintenance. Benched txr.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Aurora Regional Pond	Date:	19-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 10:49
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25451	9000
TB J 10738	9000
BY R 0611	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Piney Ck @ Liverpool      Date: 19-Nov-10      Time: 10:51  
 Service Type: End of Season      Technician: DP      Status: Site Down

**Configuration Changes**

Part #	Location
TX J 15781	9000
TB J 24476	9000
BY R 0327	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Maple Grove Res	Date:	23-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	12:58
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0838	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. PT tested OK, good hydraulic contact. RF OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Denver West	Date:	23-Nov-10
Service Type:	End of Season	Time:	13:00
		Technician:	DP
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 18539	9000
TB J 18554	9000
BY R 0254	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Nolte Pond	Date:	23-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 13:01
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 18538	9000
BY R 0418	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr and battery for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name: NREL/SERI	Date: 22-Nov-10	Time: 12:51	
Service Type: End of Season	Technician: DP	Status: Site Down	

<b>Configuration Changes</b>	
Part #	Location
TX J 11037	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name: <b>Lena @ Hwy 6</b>	Date: <b>22-Nov-10</b>	Time: <b>12:52</b>	
Service Type: <b>End of Season</b>	Technician: <b>DP</b>	Status: <b>Site Down</b>	

<b>Configuration Changes</b>	
Part #	Location
<b>TX J 4395</b>	<b>9000</b>
<b>TB BC 152</b>	<b>9000</b>

<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:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**



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

<b>Service Log</b>			
Site Name:	Fairgrounds	Date:	22-Nov-10
Service Type:	End of Season	Technician:	DP
		Time:	12:54
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 18536	9000
TB J 2532	9000
BY R 0309	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:	tx j 18536
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:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**Site Name: **Apex**Date: **22-Nov-10**Time: **12:55**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 18537	9000
TB J 11492	9000
BY R 0348	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

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

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

**Service Log**

Site Name: **Broomfield #3207**      Date: **26-Oct-10**      Time: **9:41**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 15782	9000
TB J 8373	9000
BY R 0813	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
1203	9:45	943	5.02 psi	924
1203	9:46	380	2.01 psi	368

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

**Service Log**

Site Name: **Hidden Lake**      Date: **15-Dec-10**      Time: **10:55**  
Service Type: **End of Season**      Technician: **SB**      Status: **OK**

**Configuration Changes**

Part #	Location
TX J 11923	9000
TB J 21358	9000
BY R 0830	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
1303	11:03	1371	5.29 psi	1361
1303	11:04	478	1.86 psi	472

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Removed TB, TXR, and Battery. Pulled up PT for Winter.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Little Dry Creek @ 64t	Date:	15-Dec-10
		Time:	11:27
Service Type:	End of Season	Technician:	SB
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
TX J 11922	9000
TB J 16739	9000
BY R 0944	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	
1313	11:30	1103	5.32 psi	1082	
1313	11:31	452	2.18 psi	442	

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

**Problem:**

**Action Taken:** Removed TXR, TB, and Battery. Tested PT. Pulled PT up for winter.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **SPR @Mausoleum**      Date: **20-Dec-10**      Time: **11:56**  
Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 19663	9000
TB S 3359	9000
BY R 0344	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
1323	12:00	1071	5.05 psi	1092
1323	12:01	406	2.02 psi	392

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Roslyn	Date:	09-Nov-10
Time:	9:09	Service Type:	End of Season
Technician:	DP	Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX N 3103	9000
TB S 0206	9000
BY R 0317	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Sanderson Gulch      Date: 15-Dec-10      Time: 13:01  
 Service Type: End of Season      Technician: SB      Status: OK

**Configuration Changes**

Part #	Location
TX N 3105	9000
TB S 0201	9000
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: 1340  
 Jumpers:  
 Eprom: 9601-01-90 ver 3.9M  
 Tx Freq: 169.525  
 Rx Freq:  
 Fwd Power:  
 Rev Power:  
 SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
1343	13:05	482	5.13 psi	477
1343	13:06	207	2.20 psi	205

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** Removed TXR, TB, and Battery. Tested PT. PT OK. Pulled up PT for winter.

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



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

<b>Service Log</b>			
Site Name:	Chatfield Dam	Date:	20-Dec-10
Service Type:	End of Season	Time:	11:28
		Technician:	SB/PB
		Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX N 3108	9000
TB S 0203	9000
BY R 0350	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

**Problem:**

**Action Taken:** Removed TXR, TB, and Battery for end of season.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name: <b>Denver ZOO</b>	Date: <b>16-Nov-10</b>	Time: <b>10:01</b>	
Service Type: <b>End of Season</b>	Technician: <b>DP</b>	Status: <b>Site Down</b>	

<b>Configuration Changes</b>	
Part #	Location
<b>TX N 3104</b>	<b>9000</b>
<b>TB S 0301</b>	<b>9000</b>
<b>BY R 0227</b>	<b>9000</b>

<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:	<b>1360</b>
Jumpers:	
Eprom:	<b>9601-01-90 Ver. 3.9M</b>
Tx Freq:	<b>169.525</b>
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:** Due to hard drive failure Maintenance Record incomplete (missing test data). Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name: <b>Fire Station 13</b>	Date: <b>20-Dec-10</b>	Time: <b>11:08</b>	
Service Type: <b>End of Season</b>	Technician: <b>SB/PB</b>	Status: <b>Site Down</b>	

<b>Configuration Changes</b>	
Part #	Location
<b>TX J 18530</b>	<b>9000</b>
<b>TB S 0401</b>	<b>9000</b>
<b>BY R 0423</b>	<b>9000</b>

<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:** Removed TXR, TB, and Battery for end of season.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Ferril Lake	Date:	16-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	10:02
		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:** Due to hard drive failure Maintenance Record incomplete (missing test data). Benched txr. RF OK. Solar OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Upper Sloan	Date:	23-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 12:57
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 15786	9000
TB J 3174	9000
BY R 0907	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Elbert Wx	Date:	19-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	10:47
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0336	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. RF OK. Solar OK. TB OK. RH/AT OK.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Powers Park

Date: 18-Nov-10

Time: 10:45

Service Type: End of Season

Technician: DP

Status: Site Down

**Configuration Changes**

Part #	Location
TX J 28971	9000
TB J 17973	9000
BY R 0945	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Marston Lake	Date:	15-Dec-10
Service Type:	End of Season	Technician:	SB
			Time: 14:05
			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:	1520-0012-1112-11011
Jumpers:	J4 J10
Eprom:	AB-SP09
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	4.1
Rev Power:	0.1
SWR:	1.37

<b>Test Transmission</b>					
Port	Time	Count	Measure	Predicted	
1520	14:17	258			0
1520	14:17	259			0
1523	14:07	1098	4.78 psi		1100
1523	14:07	548	1.95 psi		447

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0915	13.30	

**Problem:**

**Action Taken:** Tested PT. Check PT in Spring, pulled up for winter. Battery OK. Wind OK. Temp OK. TB OK.

**Site Notes:**

**Follow-Up:** Check PT calibration in Spring 2011.



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

<b>Service Log</b>			
Site Name:	Bear Creek @ Lowell	Date:	20-Dec-10
Service Type:	End of Season	Technician:	DP
			Time: 12:50
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 147	9000
TB S 0205	9000
BY R 0938	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	
1533	12:58	1131	5.04 psi	1113	
1533	12:59	442	2.02 psi	431	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Lakewood CC

Date: 20-Dec-10

Time: 11:29

Service Type: End of Season

Technician: DP

Status: Site Down

**Configuration Changes**

Part #	Location
TX J 18535	9000
TB J 8382	9000
BY R 0920	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

**Problem:****Action Taken:** Removed txr, battery and TB for off season maintenance.**Site Notes:****Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Lakewood Gulch	Date:	15-Dec-10
Time:	12:08	Service Type:	End of Season
Technician:	SB	Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0510	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	
1563	12:12	1215	6.03 psi	1211	
1563	12:13	407	2.02 psi	407	

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

**Problem:**

**Action Taken:** Removed battery. Tested PT. PT OK Pulled up for winter.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Englewood Dam      Date: 05-Nov-10      Time: 9:04  
 Service Type: End of Season      Technician: DP      Status: Site Down

**Configuration Changes**

Part #	Location
TX J 27313	9000
TB J 18560	9000
BY R 0265	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Holly Dam	Date:	05-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 9:06
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 19660	9000
BY R 0631	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr and battery for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Slaughterhouse	Date:	18-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 10:46
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 8694	9000
TB J 21365	9000
BY R 0842	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: S Platte @ Dart

Date: 20-Dec-10

Time: 12:25

Service Type: Inspection

Technician: DP

Status: OK

**Configuration Changes**

Part #	Location
BY R 0248	1630
BY R 0818	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**Tx Maintenance**

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

Switches: 1630-1950-0072-11011  
 Jumpers: JB1&4 off, JB2&3 on  
 Eprom: C  
 Tx Freq: 169.525  
 Rx Freq:  
 Fwd Power: 4.8  
 Rev Power: 0.0  
 SWR: 1.1

**Test Transmission**

Port	Time	Count	Measure	Predicted
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**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0248	12.99	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txr. RF OK. @ 12:34 ID 1629 raw = 2007 = 1.35, tape and enc = 1.36. CDWR log from 12/14/10 @ 12:00 tape and enc = 1.37.

**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:	20-Dec-10
		Time:	13:16
Service Type:	Inspection	Technician:	DP
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY J 0902	1640
BY J 0906	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:	169.525
Rx Freq:	171.875
Fwd Power:	4.6
Rev Power:	0.1
SWR:	1.35

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
1640	13:22	237		0
1640	13:24	238		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY J 0902	13.03	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txx. RF OK. TB OK.

**Site Notes:**

**Follow-Up:**



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

<b>Service Log</b>			
Site Name:	SPR at 19th Street	Date:	20-Dec-10
Time:	17:39	Status:	OK
Service Type:	Inspection	Technician:	DP

<b>Configuration Changes</b>	
Part #	Location
BY R 0628	1650
BY R 0233	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:	JB 9&10 @1&2,EvT-E,WL
Jumpers:	JB1off,JB2on,JB3on,Jb4o
Eprom:	
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	4.8
Rev Power:	0.0
SWR:	1.1

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

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0628	13.04	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txr. RF OK. @ 10 48 ID 1649 raw = 284 => 2.81, tape and enc = 2.75. CDWR log from 12/17/10 @ 13:45 tape, outside and enc all = 2.77.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **SPR at Henderson**      Date: **22-Oct-10**      Time: **11:00**  
Service Type: **Inspection**      Technician: **DP**      Status: **OK**

**Configuration Changes**

Part #	Location
<b>BY R 0314</b>	<b>1660</b>
<b>BY R 0615</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt
<b>TX J 1966</b>	<b>5.00</b>	<b>120</b>	<b>2.4</b>	

**Settings and Performance**

Switches:  
Jumpers: **JB1&4 off, JB2&3 on**  
Eprom:  
Tx Freq: **169.525**  
Rx Freq:  
Fwd Power: **4.7**  
Rev Power: **0.0**  
SWR: **1.1**

**Test Transmission**

Port	Time	Count	Measure	Predicted
<b>1660</b>	<b>11:23</b>	<b>232</b>		<b>0</b>
<b>1660</b>	<b>11:23</b>	<b>233</b>		<b>0</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY R 0314</b>	<b>13.11</b>	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txr. Benched txr. Low RF out put, replaced radio. RF OK. TB OK. @ 11:16 ID 1659 raw = 420 => 4.20, tape and enc = 4.33. CDWR log from 10/19/10 @ 11:45 tape, enc and pen all = 4.21.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Cherry Ck @ Champa	Date:	20-Dec-10
		Time:	11:00
Service Type:	Inspection	Technician:	DP
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY J 0901	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:	169.525
Rx Freq:	171.875
Fwd Power:	4.7
Rev Power:	0.0
SWR:	1.1

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
1700	11:08	339		0
1700	11:09	340		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY J 0901	12.92	

**Problem:**

**Action Taken:** Replaced battery band desiccant in txr. 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:	17-Nov-10
Time:	10:33	Service Type:	End of Season
Technician:	DP	Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TB J 12717	9000
BY R 1029	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Benched txr. Removed battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Cherry Ck/Steele	Date:	17-Nov-10
Service Type:	End of Season	Technician:	DP
			Time: 10:30
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 21423	9000
TB H 561	9000
BY R 1004	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: Sand Creek Park      Date: 09-Nov-10      Time: 9:11  
 Service Type: End of Season      Technician: DP      Status: Site Down

**Configuration Changes**

Part #	Location
TX J 19661	9000
TB J 8453	9000
BY R 0403	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). PT tested OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Niver Detention	Date:	15-Dec-10
Service Type:	End of Season	Technician:	SB
			Time: 9:59
			Status: OK

<b>Configuration Changes</b>	
Part #	Location
TX J 25153	9000
TB J 21344	9000
BY R 0928	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

**Problem:**

**Action Taken:** Removed TXR, Battery and TB. Could not perform 2 point test on PT. Battery was dead in TXR. Pulled up PT.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Brighton	Date:	19-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	13:17
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0914	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. RF OK. Solar OK. TB OK. RH/AT OK. Wind sensors rotating freely.

**Site Notes:**

**Follow-Up:**



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

**Service Log**

Site Name: Hiwan

Date: 20-Oct-10

Time: 11:24

Service Type: Inspection

Technician: DP

Status: OK

**Configuration Changes**

Part #	Location
BY R 0930	2210
BY R 0610	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt
CE F014	5.00	146	2.4	

**Settings and Performance**

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
2210	11:54	284		0
2210	11:56	285		0

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 0930	13.15	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txr. Benched txr. RF OK. Solar. TB OK. @ 11:37 ID 2211 raw = 25 => 25% RH, ID 2212 raw = 102 => 62 deg.F, psychrometer readings Td = 61 deg.F, Tw = 44 deg.F implying RH = 27% and dp = 27 deg.F. Wind sensors rotating freely.

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

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

**Service Log**

Site Name: **Evergreen Lake**      Date: **21-Oct-10**      Time: **10:55**  
 Service Type: **Inspection**      Technician: **DP**      Status: **OK**

**Configuration Changes**

Part #	Location
BY R 1037	2220
BY R 0256	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 8745	5.00	125	2.4	

**Settings and Performance**

Switches: **2220-0002-1112-11011**  
 Jumpers: **W10,W4**  
 Eprom: **B**  
 Tx Freq: **169.525**  
 Rx Freq:  
 Fwd Power: **4.7**  
 Rev Power: **0.1**  
 SWR: **1.34**

**Test Transmission**

Port	Time	Count	Measure	Predicted
2223	11:12	1123	4.96 psi	1110
2223	11:13	465	2.05 psi	464

**Battery Tests**

Battery #	V Quiescent	V Load
BY R 1037	13.12	

**Problem:**

**Action Taken:** PT tests OK, good hydraulic contact. Replaced battery and desiccant in txr. Benched txr.

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

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

**Service Log**

Site Name: **Bear Creek @ Cub**      Date: **21-Oct-10**      Time: **10:27**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 25158	9000
TB H 616	9000
BY R 0636	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
2233	10:32	1126	5.03 psi	1109
2233	10:33	495	2.02 psi	483

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

<b>Service Log</b>			
Site Name:	Cold Spring Glch	Date:	21-Oct-10
Time:	13:39	Service Type:	End of Season
Technician:	DP	Status:	Site Down

<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	
2243	13:44	1054	5.10 psi	1053	
2243	13:45	420	2.04 psi	423	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Rosedale**                      Date: **21-Oct-10**                      Time: **10:00**  
 Service Type: **End of Season**                      Technician: **DP**                      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 21421	9000
TB H 635	9000
BY R 0335	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
2253	10:04	1054	5.00 psi	1050
2253	10:05	438	2.04 psi	439

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

**Service Log**Site Name: **Brook Forest**Date: **21-Oct-10**Time: **11:57**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25149	9000
TB H 557	9000
BY R 0248	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error

**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt

**Settings and Performance**

Switches: **2260-0012-0112-11011**  
 Jumpers:  
 Eprom: **B**  
 Tx Freq: **169.525**  
 Rx Freq:  
 Fwd Power:  
 Rev Power:  
 SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:****Action Taken:** Removed txr, battery and TB for off season maintenance.**Site Notes:****Follow-Up:**

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

**Service Log**

Site Name: **Cub Ck below Blue**      Date: **21-Oct-10**      Time: **11:27**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 25146	9000
TB H 560	9000
BY R 0606	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
2273	11:31	1052	5.07 psi	1046
2273	11:32	426	2.05 psi	424

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr, battery and TB for off season maintenance.

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

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

**Service Log**Site Name: **Kinney Peak**Date: **21-Oct-10**Time: **12:41**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
<b>TX J 25157</b>	<b>9000</b>
<b>TB H 553</b>	<b>9000</b>
<b>BY R 0339</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:

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:** Removed txr, battery and TB for off season maintenance.**Site Notes:****Follow-Up:**



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

<b>Service Log</b>			
Site Name:	Genesee Village	Date:	20-Oct-10
Time:	8:52	Service Type:	End of Season
Technician:	DP	Status:	Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25156	9000
TB H 552	9000
BY R 0901	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:	2310-0012-0112-11011
Jumpers:	
Eprom:	B
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

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

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

**Problem:**

**Action Taken:** Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Choke Cherry Res	Date:	20-Oct-10
		Time:	9:09
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:	2320 J
Tx Freq:	169.525
Rx Freq:	169.525
Fwd Power:	4.7
Rev Power:	0.1
SWR:	1.34

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
2320	9:11	453		0
2320	9:12	454		0

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

**Problem:**

**Action Taken:** RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: El Rancho

Date: 20-Oct-10

Time: 9:26

Service Type: End of Season

Technician: DP

Status: Site Down

**Configuration Changes**

Part #	Location
TX J 23326	9000
TB J 10736	9000
BY R 0625	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

**Problem:****Action Taken:** Removed txr, battery and TB for off season maintenance.**Site Notes:****Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Idledale	Date:	21-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 14:07
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25147	9000
TB H 570	9000
BY EPR 0212	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:	2350-0012-0112-11011
Jumpers:	
Eprom:	B
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	
Rev Power:	
SWR:	

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

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

**Problem:**

**Action Taken:** Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Indian Hills	Date:	21-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 13:18
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 25152	9000
TB H 467	9000
BY R 144	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:	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

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

**Problem:**

**Action Taken:** Removed txr, battery and TB for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Martin Gulch	Date:	04-Nov-10
Service Type:	Inspection	Technician:	DP
			Time: 13:11
			Status: OK

<b>Configuration Changes</b>	
Part #	Location
BY R 1011	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Betasso	Date:	04-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	13:13
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 1039	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. RF OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Logan Mill**                      Date: **06-Oct-10**                      Time: **11:37**  
Service Type: **Inspection**                      Technician: **DP**                      Status: **OK**

**Configuration Changes**

Part #	Location
<b>BY R 0822</b>	<b>4140</b>
<b>BY R 1037</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**Tx Maintenance**

Part #	Ref V	Freq Err	Deviation	ROM Batt
<b>TX J 9758</b>	<b>5.00</b>	<b>105</b>	<b>2.4</b>	

**Settings and Performance**

Switches: **4140-00E**  
Jumpers: **C:J5 off; L:J7,11 on**  
Eprom: **R 1.8 57FE**  
Tx Freq: **169.500**  
Rx Freq:  
Fwd Power: **28.0**  
Rev Power: **0.2**  
SWR: **1.18**

**Test Transmission**

Port	Time	Count	Measure	Predicted
<b>4140</b>	<b>12:22</b>	<b>1</b>		<b>0</b>
<b>4140</b>	<b>12:22</b>	<b>2</b>		<b>0</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY R 0822</b>	<b>13.03</b>	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txr. Benched txr. RF OK. Solar OK. TB OK. No damage from fire.

**Site Notes:**

**Follow-Up:**



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

<b>Service Log</b>			
Site Name: <b>Gold Hill</b>	Date: <b>06-Oct-10</b>	Time: <b>10:20</b>	
Service Type: <b>Inspection</b>	Technician: <b>DP</b>	Status: <b>OK</b>	

<b>Configuration Changes</b>	
Part #	Location
<b>BY R 0306</b>	<b>4150</b>
<b>BY R 0226</b>	<b>9000</b>

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

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt
<b>TX J 9762</b>	<b>5.00</b>	<b>155</b>	<b>2.4</b>	

<b>Settings and Performance</b>	
Switches:	<b>15</b>
Jumpers:	
Eprom:	
Tx Freq:	<b>169.500</b>
Rx Freq:	
Fwd Power:	<b>18.0</b>
Rev Power:	<b>0.1</b>
SWR:	<b>1.16</b>

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
<b>4150</b>	<b>10:30</b>	<b>1</b>		<b>0</b>
<b>4150</b>	<b>10:31</b>	<b>2</b>		<b>0</b>

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
<b>BY R 0306</b>	<b>12.97</b>	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txx. RF OK. TB OK. Benched txx. Site not in active fire area, OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Sunshine	Date:	06-Oct-10
Service Type:	Inspection	Time:	9:16
		Technician:	DP
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0422	4160
BY R 0343	9000

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

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 8767	5.00	125	2.4	

<b>Settings and Performance</b>	
Switches:	4160
Jumpers:	
Eprom:	
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	4.8
Rev Power:	0.0
SWR:	1.1

<b>Test Transmission</b>				
Port	Time	Count	Measure	Predicted
4160	9:36	1		0
4160	9:36	2		0

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0422	13.04	

**Problem:**

**Action Taken:** Replaced battery and desiccant in txr. Benched txr. RF OK TB OK. Survived the fire intact.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Gold Lake	Date:	02-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	13:07
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0601	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Slaughterhouse	Date:	03-Nov-10
Service Type:	Inspection	Technician:	DP
			Time: 13:09
			Status: OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0301	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Lee Hill Repeater	Date:	06-Oct-10
		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:** Repeater OK. RF OK. Receiver sensitivity -112 db.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Geer Canyon	Date:	03-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	8:27
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0931	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar Ok. 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:	03-Nov-10
Time:	8:24		
Service Type:	Inspection	Technician:	DP
Status:	OK		

<b>Configuration Changes</b>	
Part #	Location
BY R 0505	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Red Hill**                      Date: **03-Nov-10**                      Time: **8:29**  
 Service Type: **Inspection**                      Technician: **DP**                      Status: **OK**

**Configuration Changes**

Part #	Location
<b>BY R 0925</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**Tx Maintenance**

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

Switches: **4290-00E**  
 Jumpers: **C:J5 off**  
 Eprom: **R 1.8 9CA1**  
 Tx Freq: **169.500**  
 Rx Freq:  
 Fwd Power:  
 Rev Power:  
 SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
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**Battery Tests**

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

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. RF OK. Solar OK. TB OK.

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



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

<b>Service Log</b>			
Site Name:	Big Elk Park	Date:	03-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	8:19
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0946	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar OK. 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:	03-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	8:03
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 1021	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txx. Benched txx. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Hansen	Date:	03-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	8:30
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0941	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name: <b>Riverside</b>	Date: <b>03-Nov-10</b>	Time: <b>8:26</b>	
Service Type: <b>Inspection</b>	Technician: <b>DP</b>	Status: <b>OK</b>	

<b>Configuration Changes</b>	
Part #	Location
<b>BY R 0633</b>	<b>9000</b>

<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:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in tnr. Benched tnr. RF OK. Solar OK. TB OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Boulder Falls	Date:	08-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 10:45
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 2183	9000
BY R 0320	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:	4390-B00
Jumpers:	L:JB8,1-2,JB9,10,2-3;C:JB
Eprom:	57EE
Tx Freq:	169.500
Rx Freq:	171.875
Fwd Power:	4.9
Rev Power:	0.0
SWR:	1.09

<b>Test Transmission</b>					
Port	Time	Count	Measure	Predicted	
4393	10:48	1213	5.22 psi	1216	
4393	10:49	464	2.00 psi	467	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Orodell	Date:	08-Oct-10
Service Type:	Inspection	Technician:	DP
		Time:	11:08
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 0801	4400
BY R 1038	9000

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

<b>Tx Maintenance</b>				
Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 2807	5.00	150	2.4	

<b>Settings and Performance</b>	
Switches:	4400-00E
Jumpers:	C:J6,2-3 L:J8,1-2;J9,10,2-
Eprom:	
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	5.0
Rev Power:	0.1
SWR:	1.33

<b>Test Transmission</b>					
Port	Time	Count	Measure	Predicted	
4403	11:12	1123	5.35 psi	1138	
4403	11:13	438	2.07 psi	444	

<b>Battery Tests</b>		
Battery #	V Quiescent	V Load
BY R 0801	12.95	

**Problem:**

**Action Taken:** PT tests OK, good hydraulic contact. Replaced battery and desiccant in txr. Replaced desiccant in sig con box. Benched txr. RF OK. @ 11:22 ID 4403 raw = 116 => 1.79, tape and enc = 1.74.CDWRLOG from 9/30/10 @ 10:40 tape, enc and pen all read 1.90.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Fourmile	Date:	06-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 10:51
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 2182	9000
BY R 0819	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:	4410-00E
Jumpers:	L:JB8,1-2;JB9,10,2-3,JB7
Eprom:	585B
Tx Freq:	169.500
Rx Freq:	171.875
Fwd Power:	5.1
Rev Power:	0.0
SWR:	1.09

<b>Test Transmission</b>					
Port	Time	Count	Measure	Predicted	
4413	11:00	1215	5.09 psi	1212	
4413	11:01	476	2.00 psi	476	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. removed txr and battery for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Bridge	Date:	08-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 10:07
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 2176	9000
BY R 0417	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:	4420-00B
Jumpers:	C:J6,2-3 L:J8,1-2;J9,10,2-
Eprom:	
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	4.6
Rev Power:	0.1
SWR:	1.35

<b>Test Transmission</b>					
Port	Time	Count	Measure	Predicted	
4423	10:24	1041	5.02 psi	1032	
4423	10:25	433	2.04 psi	419	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.

**Site Notes:**

**Follow-Up:**



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

**Service Log**

Site Name: **Rowena**                      Date: **08-Oct-10**                      Time: **12:02**  
 Service Type: **End of Season**                      Technician: **DP**                      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 2687	9000
BY R 0305	9000

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**Tx Maintenance**

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

Switches: **4430-00D**  
 Jumpers: **C:J6,2-3,J3,5off;L:J8,1-2,J**  
 Eprom: **R 1.8 57EE**  
 Tx Freq: **169.500**  
 Rx Freq:  
 Fwd Power: **4.7**  
 Rev Power: **0.0**  
 SWR: **1.1**

**Test Transmission**

Port	Time	Count	Measure	Predicted
4433	12:06	1210	5.08 psi	1207
4433	12:07	473	2.03 psi	473

**Battery Tests**

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

**Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.

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

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

**Service Log**

Site Name: **James Creek**      Date: **08-Oct-10**      Time: **12:34**  
 Service Type: **End of Season**      Technician: **DP**      Status: **Site Down**

**Configuration Changes**

Part #	Location
TX J 2689	9000
BY R 0934	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: **57EE**  
 Tx Freq: **169.500**  
 Rx Freq:  
 Fwd Power: **4.6**  
 Rev Power: **0.1**  
 SWR: **1.35**

**Test Transmission**

Port	Time	Count	Measure	Predicted
4443	12:37	1219	5.10 psi	1202
4443	12:38	498	2.05 psi	485

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.

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

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

**Service Log**

Site Name: Lower Lefthand

Date: 08-Oct-10

Time: 13:04

Service Type: End of Season

Technician: DP

Status: Site Down

**Configuration Changes**

Part #	Location
TX J 2686	9000
TX J 21422	9000
BY R 0921	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: 57EE  
 Tx Freq: 169.500  
 Rx Freq:  
 Fwd Power: 4.6  
 Rev Power: 0.1  
 SWR: 1.35

**Test Transmission**

Port	Time	Count	Measure	Predicted
4453	13:07	1021	5.04 psi	1022
4453	13:08	409	2.05 psi	407

**Battery Tests**

Battery #	V Quiescent	V Load

**Problem:****Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.**Site Notes:****Follow-Up:**

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

<b>Service Log</b>			
Site Name:	S. St. Vrain at Berry R	Date:	11-Oct-10
Service Type:	End of Season	Technician:	DP
			Time: 10:29
			Status: Site Down

<b>Configuration Changes</b>	
Part #	Location
TX J 28972	9000
TX J 2174	9000
BY R 0927	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	
4463	10:33	1201	5.05 psi	1201	
4463	10:34	492	2.06 psi	491	

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

**Problem:**

**Action Taken:** PT tests OK, pulled up for winter. Removed txr and battery for off season maintenance.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Broadway	Date:	04-Nov-10
		Time:	8:46
Service Type:	Service Call	Technician:	DP
		Status:	Site Down

<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:** Construction cut PT cable. Removed sensor and ordered new PT.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Broadway**      Date: **19-Oct-10**      Time: **10:13**  
 Service Type: **OneRain Service Ca**      Technician: **DP/SP**      Status: **OK**

**Configuration Changes**

Part #	Location
<b>BY J 0405</b>	<b>4580</b>
<b>BY J 0905</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:  
 Jumpers:  
 Eprom:  
 Tx Freq:  
 Rx Freq:  
 Fwd Power:  
 Rev Power:  
 SWR:

**Test Transmission**

Port	Time	Count	Measure	Predicted
<b>4583</b>	<b>10:57</b>	<b>1423</b>	<b>3.50 psi</b>	<b>1413</b>
<b>4583</b>	<b>10:58</b>	<b>740</b>	<b>1.79 psi</b>	<b>733</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY J 0405</b>	<b>13.12</b>	

**Problem:**

**Action Taken:** Reinstalled PT, tests OK, but stop bolt in riser has rusted away, PT resting on rocky bottom (will adjust ref. level to equalize. Programmed for LOW season. RF OK.

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

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

<b>Service Log</b>			
Site Name:	Broadway	Date:	02-Dec-10
		Time:	9:39
Service Type:	OneRain Service Ca	Technician:	DP/SB
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
PT D 3150072	4580
PT D 3031870	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

**Problem:**

**Action Taken:** Put stop screen on riser. Due to obstructions in conduit could not pull PT.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Broadway	Date:	08-Oct-10
Service Type:	Inspection	Technician:	DP
		Time:	9:18
		Status:	PT Down

<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	
4583	9:20	1605	3.98 psi	1603	
4583	9:21	629	1.52 psi	627	

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

**Problem:**

**Action Taken:** PT tests OK. Removed PT prior to construction on "Memorial". Disconnected antenna.

**Site Notes:**

**Follow-Up:** Reinstall PT, hook up antenna, reprogram for "low" season.



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

<b>Service Log</b>			
Site Name:	Broadway	Date:	14-Dec-10
Service Type:	OneRain Service Ca	Technician:	DP/SB
		Time:	13:27
		Status:	OK

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

<b>Transducer Calibration</b>			
Sensor ID	Slope	Calib Offset	Std Error
4583	0.006	-0.0536	0.0194

<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	
4583	13:33	1964	4.87 psi	1958	
4583	13:34	1629	4.04 psi	1627	
4583	13:35	1185	2.29 psi	933	
4583	13:36	699	1.72 psi	706	
4583	13:37	414	1.01 psi	421	
4583	13:38	12	0.01 psi	24	
4583	13:39	1004	2.48 psi	1012	
4583	13:40	702	1.73 psi	708	

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

**Problem:**

**Action Taken:** Installed New PT. Reading .66 feet locally, staff gage reads .85. Need to adjust offset in database by .19 inches. PT conduit pull is extremely hard.

{Auto Entry: Calibrated sensor 4583 by linear regression. Modified calibration data. New calibration [Slope(0.0057), Calibration Offset(-0.0536), Std Error(0.0194), Calibration Date(12/14/2010 1:38:29 PM)]}.

**Site Notes:**

**Follow-Up:**

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

**Service Log**

Site Name: **Green Ditch**      Date: **19-Oct-10**      Time: **11:55**  
Service Type: **Inspection**      Technician: **DP/SP**      Status: **OK**

**Configuration Changes**

Part #	Location
<b>BY J 0903</b>	<b>4590</b>
<b>BY J 0902</b>	<b>9000</b>

**Transducer Calibration**

Sensor ID	Slope	Calib Offset	Std Error
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**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
<b>4593</b>	<b>12:13</b>	<b>984</b>	<b>5.03 psi</b>	<b>972</b>
<b>4593</b>	<b>12:14</b>	<b>436</b>	<b>2.26 psi</b>	<b>429</b>

**Battery Tests**

Battery #	V Quiescent	V Load
<b>BY J 0903</b>	<b>13.11</b>	

**Problem:**

**Action Taken:** PT tests OK, good hydraulic contact. RF OK. Replaced battery in txr. Reprogrammed for LOW season.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Green Ditch	Date:	04-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	8:49
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY J 0903	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. PT tested OK. Solar OK. RF OK.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Hills Mills	Date:	04-Nov-10
Service Type:	Inspection	Technician:	DP
		Time:	8:44
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
BY R 1031	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

**Problem:**

**Action Taken:** Due to hard drive failure Maintenance Record incomplete (missing test data). Replaced battery and desiccant in txr. Benched txr. Solar OK. RF OK. TB OK. RH/AT OK. Wind sensors rotating freely.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Gold Hill Repeater	Date:	06-Oct-10
		Time:	10:02
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:** Site survived the fire with no visible damage. RF OK. Solar OK. Receiver sensitivity -113db.

**Site Notes:**

**Follow-Up:**

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

<b>Service Log</b>			
Site Name:	Gold Hill Repeater	Date:	09-Dec-10
		Time:	11:08
Service Type:	OneRain Service Ca	Technician:	DP/SB
		Status:	OK

<b>Configuration Changes</b>	
Part #	Location
RP N 2069	8015
RP N 2068	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

**Problem:** Bogus ID's.

**Action Taken:** Replaced repeater. Reset to pass list 1. Repeater was set to pass list 0. Appears to be working.

**Site Notes:**

**Follow-Up:**