

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Carr St	Date:	23-Oct-09
Service Type:	End of Season	Technician:	DP
			Time: 10:01
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 11031	9000
TB J 8453	9000
BY R 0350	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	10:09	1191	5.01 psi	1176	
103	10:10	480	2.02 psi	481	

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:

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Service Log

Site Name: **Ralston Res** Date: **23-Oct-09** Time: **13:12**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 8698	9000
TB J 25035	9000
BY R 0256	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
113	13:16	1208	5.19 psi	1194
113	13:17	473	2.02 psi	462

Battery Tests

Battery #	V Quiescent	V Load

Problem:

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

Site Notes:**Follow-Up:**

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Service Log			
Site Name:	Croke Pump Stn	Date:	03-Nov-09
Service Type:	End of Season	Technician:	SB
			Time: 11:53
			Status: Incomplete

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: PT Not responsive to pressure change. Battery in transmitter possibly dead. Could not open standpipe due to lock at fence. Pump officials did not place our lock in the chain last time they locked up. We are currently locked out of the pump house.

Pulled PT up for season.

Site Notes:

Follow-Up: Check to make sure PT is responsive.

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Service Log			
Site Name:	Croke Pump Stn	Date:	23-Oct-09
Time:	14:08	Service Type:	End of Season
Technician:	DP	Status:	Incomplete

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: Lock not in chain.

Site Notes:

Follow-Up:

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Service Log			
Site Name:	Croke Pump Stn	Date:	20-Nov-09
Service Type:	End of Season	Technician:	DP
			Time: 12:52
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 8693	9000
TB J 19629	9000
BY R 0340	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: PT previously tested and pulled up for vwinter. Removed txr, battery and TB for off season maintenance. Found lock on ground inside fence, returned it to chain.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
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Service LogSite Name: **Simm St**Date: **23-Oct-09**Time: **11:11**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25155	9000
BY R 0913	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	11:22	1042	4.99 psi	1038
133	11:23	434	2.07 psi	430

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
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Service LogSite Name: **Nott Creek**Date: **25-Nov-09**Time: **11:23**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25151	9000
TB H 616	9000
BY R 0324	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:**

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Service Log			
Site Name:	Leyden Reservoir	Date:	23-Oct-09
Service Type:	End of Season	Technician:	DP
			Time: 11:48
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 14148	9000
TB J 21344	9000
BY R 0825	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
203	11:56	1087	10.49 psi	1070
203	11:57	423	4.03 psi	417

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: PT tests OK, left in deep water for winter. Removed txr, battery and TB for off season maintenance.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
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Service LogSite Name: **Leyden Conf.**Date: **23-Oct-09**Time: **10:53**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 8696	9000
TB J 23084	9000
BY R 0838	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	10:58	1151	5.03 psi	1137
213	10:59	473	2.06 psi	465

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. Ask City about trimming tree, may be on private property.

Site Notes:**Follow-Up:**

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Service LogSite Name: **Upper Leyden**Date: **23-Oct-09**Time: **12:48**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TB PW 001	9000
BY R 0937	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 battery and TB for off season maintenance.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
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Service LogSite Name: **Van Bibber Park**Date: **03-Nov-09**Time: **13:00**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 13313	9000
TB J 10749	9000
BY R 0903	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance

Switches: **0300-3-D**
Jumpers:
Eprom:
Tx Freq: **169.525**
Rx Freq:
Fwd Power:
Rev Power:
SWR:

Test Transmission

Port	Time	Count	Measure	Predicted
300	13:02	55		0
300	13:02	58		0

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Removed TB, TXR, and Battery for season.**Site Notes:****Follow-Up:**

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Service LogSite Name: **Guy Hill**Date: **25-Nov-09**Time: **10:39**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 19666	9000
TB J 18554	9000
BY R 0321	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

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

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Service LogSite Name: **Sports Complex**Date: **23-Oct-09**Time: **10:27**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 11032	9000
TB J 24476	9000
BY R 0408	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
323	10:33	1049	5.04 psi	1029
323	10:34	433	2.06 psi	419

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:**

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Service Log

Site Name: Van Bibber @ 93

Date: 23-Oct-09

Time: 13:41

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 25154	9000
TB H 557	9000
BY R 0933	9000
BY R 0818	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
333	13:43	1058	5.18 psi	1063
333	13:44	420	2.06 psi	432

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:**

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Service LogSite Name: **Montview Park**Date: **26-Oct-09**Time: **11:01**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 11035	9000
TB J 3174	9000
BY R 0922	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
403	11:03	1026	5.01 psi	1024
403	11:04	412	2.00 psi	409

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:**

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Service Log

Site Name: **Kelly Dam** Date: **26-Oct-09** Time: **11:25**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 27313	9000
TB J 23289	9000
PT KPSI 60070	9000
BY R 0208	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
413	11:29	760	5.07 psi	770
413	11:30	289	2.01 psi	305

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: Recal-span in spring.

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Service Log			
Site Name:	Expo Park	Date:	26-Oct-09
Service Type:	End of Season	Technician:	SB
		Status:	Site Down

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	
423	11:32	989	4.96 psi	1138	
423	11:33	382	1.91 psi	435	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: Removed TB, TXR, and pulled PT up for winter.

Site Notes:

Follow-Up: Needs Calibrated in Spring. Bring new rope or chain.

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Service Log			
Site Name:	Utah Park	Date:	26-Oct-09
Service Type:	End of Season	Technician:	SB
		Status:	Site Down

Configuration Changes	
Part #	Location
TX J 27310	9000
TB J 04926	9000
BY R 0846	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	
433	12:26	572	4.52 psi	556	
433	12:27	245	1.96 psi	233	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: Removed TXR, TB, and battery. Pulled PT for winter.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
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Service Log			
Site Name:	Aurora FS#7	Date:	04-Nov-09
Service Type:	End of Season	Technician:	SB
		Status:	Site Down

Configuration Changes	
Part #	Location
TX J 18543	9000
TB J 23177	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: Removed TXR, TB, and battery for the season.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
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Service LogSite Name: **Havana Park**Date: **26-Oct-09**Time: **11:53**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 15784	9000
TB J 19496	9000
BY R 0325	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
503	11:56	1076	5.03 psi	1060
503	11:57	451	2.05 psi	445

Battery Tests

Battery #	V Quiescent	V Load

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

MAINTENANCE RECORD
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Service LogSite Name: **Virginia Court**Date: **04-Nov-09**Time: **10:34**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 18542	9000
TB J 23318	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

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Removed TXR, TB, and Battery for the season.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
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Service Log			
Site Name:	Jewell Detention	Date:	04-Nov-09
Service Type:	End of Season	Technician:	SB
		Status:	Site Down

Configuration Changes	
Part #	Location
TX J 18540	9000
TB J 11492	9000
BY R 0836	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 season.

Site Notes:

Follow-Up:

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Service Log			
Site Name: Denver FS #19	Date: 04-Nov-09	Time: 11:39	
Service Type: End of Season	Technician: SB	Status: Site Down	

Configuration Changes	
Part #	Location
TX J 18533	9000
TB J 21329	9000
BY R 0302	9000

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: Removed TXR, TB, and Battery for the season.

Site Notes:

Follow-Up:

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Service Log			
Site Name:	Parker and Miss.	Date:	04-Nov-09
Service Type:	End of Season	Technician:	SB
		Status:	Site Down

Configuration Changes	
Part #	Location
TX J 18532	9000
TB J 10736	9000
BY R 0605	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, TB, and Battery for the season.

Site Notes:

Follow-Up:

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Service LogSite Name: **Harvard Gulch Pk**Date: **27-Oct-09**Time: **10:30**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 8691	9000
TB J 10764	9000
BY R 0907	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
603	10:31	888	4.91 psi	895
603	10:32	219	1.30 psi	229

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** PT OK. Pulled up for winter. Pulled Battery, TXR, and TB.**Site Notes:****Follow-Up:**

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Service Log			
Site Name:	Harvard/Jackson	Date:	27-Oct-09
Service Type:	End of Season	Technician:	SB
			Time: 11:01
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 148	9000
TB J 10739	9000
BY R 0224	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	
613	11:06	1432	6.26 psi	1433	
613	11:07	548	2.42 psi	548	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: PT OK. Pulled up for winter. Pulled TB, TXR, and battery.

Site Notes:

Follow-Up:

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Service Log

Site Name: Quincy/Highline

Date: 06-Nov-09

Time: 11:27

Service Type: End of Season

Technician: SB

Status: Site Down

Configuration Changes

Part #	Location
TX J 15788	9000
TB J 24912	9000
BY R 0333	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 TB, TXR, and battery for the season.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Temple Pond** Date: **26-Oct-09** Time: **14:10**
 Service Type: **End of Season** Technician: **SB** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 8697	9000
TB J 16739	9000
BY R 0915	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance

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

Test Transmission

Port	Time	Count	Measure	Predicted
633	14:14	1382	5.90 psi	1366
633	14:15	513	2.15 psi	500

Battery Tests

Battery #	V Quiescent	V Load

Problem:

Action Taken: Removed TB, TXR, and battery. Pulled up PT for the winter.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Goldsmith/E'man**Date: **26-Oct-09**Time: **13:40**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 4397	9000
TB J 19637	9000
BY R 0929	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
643	13:43	1016	4.97 psi	1008
643	13:44	438	2.12 psi	433

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Took out TB, TXR, and battery. Pulled PT up for the winter.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Iliff Pond** Date: **26-Oct-09** Time: **13:01**
Service Type: **End of Season** Technician: **SB** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 19006	9000
TB J 21334	9000
BY R 0246	9000
BY R 0220	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
653	13:03	1231	5.52 psi	1218
653	13:04	364	1.66 psi	354

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Removed TXR, Battery, and TB.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Tollgate at 6th	Date:	30-Nov-09
Service Type:	Inspection	Technician:	DP
			Time: 13:05
			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
700	13:13	407		0
700	13:14	408		0

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: RF OK. Solar OK. TB OK. @ 13:10 ID 703 raw = 370 => 3.70, staff gage stops @ 3.80, about 1 inch below.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Horseshoe Park

Date: 27-Oct-09

Time: 11:32

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 15781	9000
TB J 23174	9000
BY R 0849	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
713	11:36	1193	5.05 psi	1174
713	11:37	485	2.05 psi	477

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:	Confluence Pond	Date:	27-Oct-09
Service Type:	End of Season	Technician:	DP
			Time: 11:59
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 11034	9000
TB J 23319	9000
BY R 0510	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	
723	12:02	954	4.90 psi	971	
723	12:03	359	1.84 psi	378	
724	12:07	1171	5.15 psi	1151	
724	12:08	489	2.11 psi	483	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: Both PT's test OK (marginal) check/recal at start up. Removed txr, battery and TB for off season maintenance.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **No Name @ Quincy**Date: **27-Oct-09**Time: **12:53**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 15783	9000
TB J 19644	9000
BY R 0633	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
733	12:57	1181	5.05 psi	1161
733	12:58	485	2.05 psi	468

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: **Quincy Reservoir** Date: **02-Nov-09** Time: **12:42**
 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
TX J 2397	5.00	110	2.5	

Settings and Performance

Switches: **0750-0012-1312-1111**
 Jumpers: **2km wind run**
 Eprom: **B**
 Tx Freq: **169.525**
 Rx Freq:
 Fwd Power: **4.7**
 Rev Power: **0.0**
 SWR: **1.1**

Test Transmission

Port	Time	Count	Measure	Predicted
750	12:52	333		0
750	12:52	334		0

Battery Tests

Battery #	V Quiescent	V Load

Problem:

Action Taken: @ 12:47 ID 751 raw = 320 => 78% RH, ID 752 raw = 180 => 39.22 deg.F, psychrometer readings Td = 40 deg.F, Tw = 37 deg.F implying RH = 78% and dp = 34 deg.F. RF OK. Solar OK. TB 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:	04-Nov-09
Service Type:	End of Season	Technician:	SB
			Time: 12:45
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 18534	9000
TB J 10738	9000
BY R 0502	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, TB, and battery for the season.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Sable Ditch**Date: **26-Oct-09**Time: **13:08**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 15785	9000
TB J 08382	9000
BY R 0232	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
803	13:11	969	5.13 psi	949
803	13:12	373	2.07 psi	385

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 LogSite Name: **Grandby Ditch**Date: **26-Oct-09**Time: **13:30**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 15787	9000
TB J 18560	9000
BY R 0926	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
813	13:34	1095	5.16 psi	1076
813	13:35	451	2.07 psi	440

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 LogSite Name: **ETG @ Buckley**Date: **26-Oct-09**Time: **13:53**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 15780	9000
TB J 23294	9000
BY R 0905	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
823	13:57	1064	5.03 psi	1045
823	13:58	439	2.06 psi	428

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:	Side Creek Park	Date:	04-Nov-09
Service Type:	End of Season	Technician:	SB
			Time: 13:22
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 19662	9000
TB J 13776	9000
BY R 0802	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, TB, and battery for the season.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name: Aurora FS 12	Date: 27-Oct-09	Time: 10:55	
Service Type: End of Season	Technician: DP	Status: Site Down	

Configuration Changes	
Part #	Location
TB J 16628	9000
BY R 0803	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 battery and TB for off season maintenance.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Flying J**Date: **27-Oct-09**Time: **10:25**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TB J 16621	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:

Tx Freq:

Rx Freq:

Fwd Power:

Rev Power:

SWR:

Test Transmission

Port	Time	Count	Measure	Predicted
853	10:34	1157	5.00 psi	1146
853	10:35	470	2.05 psi	465

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** PT tests OK, pulled up for winter. Removed 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 @ Colfax** Date: **27-Oct-09** Time: **11:03**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TB J 12717	9000
BY R 0257	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
863	11:10	1025	5.09 psi	1034
863	11:11	435	2.06 psi	435

Battery Tests

Battery #	V Quiescent	V Load

Problem:

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

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Murphy Creek**Date: **27-Oct-09**Time: **13:21**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TB J 16624	9000
BY R 0938	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
873	13:24	1191	5.08 psi	1183
873	13:25	490	2.06 psi	486

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** PT tests OK, pulled up for winter. Removed 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 Res Wx	Date:	02-Nov-09
Service Type:	Inspection	Technician:	DP
			Time: 13:23
			Status: OK

Configuration Changes	
Part #	Location
BY R 0312	900
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:	169.525
Rx Freq:	
Fwd Power:	4.7
Rev Power:	0.0
SWR:	1.1

Test Transmission				
Port	Time	Count	Measure	Predicted
900	13:38	1		0
900	13:38	2		0

Battery Tests		
Battery #	V Quiescent	V Load
BY R 0312	13.02	

Problem:

Action Taken: @ 13:31 ID 901 raw = 855 => 85.5% RH, ID 902 raw = 779 => 37.9 deg.F, psychrometer readings Td = 39 deg.F, Tw = 37 deg.F implying RH = 85% and dp = 35 deg.F. RF OK. TB OK. Solar OK.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Aurora Regional Pond** Date: **02-Nov-09** Time: **11:43**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 25451	9000
TB J 8374	9000
BY R 0927	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
943	11:47	761	5.04 psi	758
943	11:48	304	2.06 psi	308

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: Recal-span at start up.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Piney Ck @ Liverpool	Date:	02-Nov-09
		Time:	12:06
Service Type:	End of Season	Technician:	DP
		Status:	Site Down

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	
953	12:11	772	5.04 psi	767	
953	12:12	308	2.03 psi	311	

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: Recal-span at start up.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Denver West**Date: **02-Nov-09**Time: **14:25**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 18539	9000
TB J 21358	9000
BY R 0834	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 TB, TXR, and battery for the season.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Nolte Pond**Date: **02-Nov-09**Time: **14:49**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 18538	9000
SB J 7414	9000
BY R 0837	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
1023	14:52	1432	6.20 psi	1444
1023	14:53	397	1.74 psi	405

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Tested PT. PT OK. Removed TXR, Battery for the season. Pulled up PT.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name: NREL/SERI	Date: 06-Nov-09	Time: 14:18	
Service Type: End of Season	Technician: SB	Status: Site Down	

Configuration Changes	
Part #	Location
TX J 11037	9000
TB J 20912	9000
BY R 0806	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 the season.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Lena @ Hwy 6**Date: **02-Nov-09**Time: **13:38**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 4395	9000
TB S 0203	9000
BY R 0619	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
1043	13:40	1148	5.53 psi	1152
1043	13:41	433	2.09 psi	429

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Tested PT. PT OK. Removed TXR, TB, Battery. Pulled up PT for season.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Fairgrounds**Date: **02-Nov-09**Time: **14:10**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 18536	9000
TB J 18553	9000
BY R 0345	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and PerformanceSwitches: **tx j 18536**

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:** Removed battery, TXR, and TB for the season.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Apex	Date:	25-Nov-09
Service Type:	End of Season	Technician:	DP
			Time: 9:52
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 18537	9000
TB J 13269	9000
BY R 0221	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

Service Log

Site Name: L'ville Dwy "D"

Date: 25-Nov-09

Time: 12:26

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 2806	9000
TB J 23302	9000
BY R 0928	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
1103	12:29	1051	5.08 psi	1031
1103	12:30	428	2.02 psi	413

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: **Gunbarrel** Date: **06-Nov-09** Time: **13:36**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 25145	9000
TB H 566	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
1113	13:40	1056	5.09 psi	1052
1113	13:41	428	2.06 psi	427

Battery Tests

Battery #	V Quiescent	V Load

Problem:

Action Taken: PT tests OK. 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: **20-Nov-09** Time: **10:55**
Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 15782	9000
TB J 21365	9000
BY R 0407	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	10:56	945	5.03 psi	925
1203	10:57	388	2.03 psi	371

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: **03-Nov-09** Time: **11:00**
 Service Type: **End of Season** Technician: **SB** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 11923	9000
TB J 21318	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
1303	11:04	945	6.22 psi	940
1303	11:05	345	2.25 psi	340

Battery Tests

Battery #	V Quiescent	V Load

Problem:

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

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Little Dry Creek @ 64t** Date: **20-Nov-09** Time: **11:46**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 11922	9000
TB J 17973	9000
BY R 0906	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
1313	11:49	1026	5.04 psi	1026
1313	11:50	409	2.04 psi	414

Battery Tests

Battery #	V Quiescent	V Load

Problem:

Action Taken: PT tests OK, pulled up for winter. Removed rxr, 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:	SPR @Mausoleum	Date:	02-Nov-09
Time:	10:33		
Service Type:	End of Season	Technician:	SB
Status:	Site Down		

Configuration Changes	
<i>Part #</i>	<i>Location</i>
TX J 19663	9000
TB S 0401	9000
BY R 0801	9000

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

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

Settings and Performance
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

Test Transmission					
<i>Port</i>	<i>Time</i>	<i>Count</i>	<i>Measure</i>	<i>Predicted</i>	
1323	10:37	1115	5.09 psi	1101	
1323	10:38	299	1.57 psi	290	

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

Problem:

Action Taken: Removed TB and TXR. Pulled PT up for the season. PT Good.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Roslyn	Date:	27-Oct-09
Service Type:	End of Season	Technician:	DP
			Time: 13:58
			Status: Site Down

Configuration Changes	
Part #	Location
TX N 3103	9000
TB S 0201	9000
BY R 0616	9000

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance	
Switches:	1330
Jumpers:	
Eprom:	9601-01-90 v. 3.9M
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: **Sanderson Gulch** Date: **02-Nov-09** Time: **11:11**
 Service Type: **End of Season** Technician: **SB** Status: **Site Down**

Configuration Changes

Part #	Location
TX N 3105	9000
TB S 0206	9000
BY R 0819	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	11:15	604	6.52 psi	607
1343	11:16	181	1.96 psi	182

Battery Tests

Battery #	V Quiescent	V Load

Problem:

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

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Chatfield Dam**Date: **03-Nov-09**Time: **10:47**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 18530	9000
TB S 3359	9000
BY R 0805	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

Service Log			
Site Name: Denver ZOO	Date: 06-Nov-09	Time: 13:11	
Service Type: End of Season	Technician: SB	Status: Site Down	

Configuration Changes	
Part #	Location
TX H 3104	9000
BY R 0832	9000

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance	
Switches:	1360
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

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: Removed Battery, TB, and TXR for the season.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Fire Station 13**Date: **03-Nov-09**Time: **10:28**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX N 3102	9000
TB S 0301	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

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 LogSite Name: **Ferril Lake**Date: **30-Nov-09**Time: **12:22**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
CE F014		213	2.5	

Settings and Performance

Switches:

Jumpers:

Eprom:

Tx Freq:

Rx Freq:

Fwd Power: **4.6**Rev Power: **0.0**SWR: **1.1****Test Transmission**

Port	Time	Count	Measure	Predicted

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Replaced desiccant in enclosure. Benched txr. RF OK. Solar OK.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Upper Sloan	Date:	03-Nov-09
Service Type:	End of Season	Technician:	SB
			Time: 13:29
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 15786	9000
TB J 18549	9000
BY R 9732	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	
1403	13:38	1611	7.29 psi	1604	
1403	13:39	398	1.79 psi	395	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

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

Site Notes: Master key 27

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Elbert Wx	Date:	02-Nov-09
Service Type:	Inspection	Technician:	DP
		Time:	10:49
		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
CE E144	5.00	120	2.5	

Settings and Performance	
Switches:	
Jumpers:	W4, W10 2-3
Eprom:	555 4.01
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	4.8
Rev Power:	0.0
SWR:	1.1

Test Transmission				
Port	Time	Count	Measure	Predicted
1440	10:55	820		0
1440	10:56	821		0

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: @10:47 ID 1441 raw = 80 => 80% RH, ID 1442 raw = 77 => 37 deg. F, psychrometer readings Td = 37 deg.F, Tw = 34 deg.F implying RH = 76% vand dp = 30 deg.F. RF OK. Solar OK. TB OK.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Urban Farm	Date:	30-Nov-09
Service Type:	Inspection	Technician:	DP
		Time:	13:33
		Status:	OK

Configuration Changes	
Part #	Location
BY R 0828	1460
BY R 0402	9000

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt
CE BETA	5.00	245	2.5	

Settings and Performance	
Switches:	
Jumpers:	
Eprom:	
Tx Freq:	
Rx Freq:	
Fwd Power:	4.6
Rev Power:	0.0
SWR:	1.1

Test Transmission				
Port	Time	Count	Measure	Predicted
1460	13:47	1363		0
1460	13:47	1364		0

Battery Tests		
Battery #	V Quiescent	V Load
BY R 0828	13.12	

Problem:

Action Taken: Replaced battery and desiccant in trx. Benched trx. RF OK. Solar OK. TB OK. @ 13:37 ID 1461 raw = 121 => 12.1% RH, ID 1462 raw = 1007 => 60.70 deg. F, psychrometer readings Td = 61 deg.F, Tw = 41 deg.F implying RH = 14% and dp = 11 deg.F. Wind sensor rotating freely.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	DIA @ Third Creek	Date:	18-Nov-09
Service Type:	OneRain Service Ca	Technician:	DP
		Time:	13:29
		Status:	Site Down

Configuration Changes	
Part #	Location
TX J 27311	9000
BY R 0303	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: Site quit 11/12/09

Action Taken: Txr draws excess current when txing, replaced radio (not problem), polyphasor and cable to txr (no luck). Antenna cable through weather head chewed but reads OK via AEA. Removed txr for evaluation. May have to replace entire antenna lead(s).

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	DIA @ Third Creek	Date:	19-Nov-09
Service Type:	OneRain Service Ca	Technician:	DP
		Time:	10:11
		Status:	OK

Configuration Changes	
Part #	Location
TX J 19006	1480
BY R 0335	1480

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 1900	5.00	135	2.5	

Settings and Performance	
Switches:	
Jumpers:	
Eprom:	
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	4.6
Rev Power:	0.1
SWR:	1.35

Test Transmission				
Port	Time	Count	Measure	Predicted
1480	11:52	1		0
1480	11:52	2		0
1483	11:42	1009	5.06 psi	998
1483	11:43	414	2.08 psi	412
1484	11:47	1040	5.08 psi	1036
1484	11:48	423	2.06 psi	420

Battery Tests		
Battery #	V Quiescent	V Load
BY R 0335	13.02	

Problem:

Action Taken: Replaced txr, battery, antenna and cables. Both PT's test OK, pulled stream PT up for winter. Benched txr. RF OK. TB OK. Solar OK.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Powers Park

Date: 27-Oct-09

Time: 13:07

Service Type: End of Season

Technician: SB

Status: Site Down

Configuration Changes

Part #	Location
TX J 11033	9000
TB J 18572	9000
BY R 0505	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
1503	13:11	1204	5.83 psi	1042
1503	13:12	490	2.34 psi	417

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** PT needs calibrated. Pulled up PT for the winter. Removed battery, TB, and TXR.**Site Notes:****Follow-Up:** PT Needs calibrated.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Marston Lake	Date:	02-Nov-09
Service Type:	End of Season	Technician:	SB
			Time: 12:18
			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:	1520-0012-1112-11011
Jumpers:	J4 J10
Eprom:	AB-SP09
Tx Freq:	169.525
Rx Freq:	
Fwd Power:	4.5
Rev Power:	0.0
SWR:	1.1

Test Transmission				
Port	Time	Count	Measure	Predicted
1520	12:38	75		0
1520	12:39	76		0
1523	12:23	80	3.44 psi	792
1523	12:24	28	1.20 psi	275

Battery Tests		
Battery #	V Quiescent	V Load
BY R 0248	13.83	

Problem:

Action Taken: Programming issue with PT. The PT is brand new for this season. PT reads 120 counts at 5 psi and 80 counts at 3.4 PSI. Need to look into programming.

Psychrometer reading 34% RH @ 47 degrees. Marston reading 32% RH @ 45 degrees @ 12:37.

RH Good. TXR GOOD. Battery Good. TB Good.

Site Notes:

Follow-Up: Look into PT programming.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Bear Creek @ Lowell	Date:	02-Nov-09
		Time:	11:53
Service Type:	End of Season	Technician:	SB
		Status:	Site Down

Configuration Changes	
Part #	Location
TX J 147	9000
TB S 0205	9000
BY R 0936	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	
1533	11:56	1413	6.24 psi	1386	
1533	11:57	424	1.96 psi	416	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: PT Needs Re-Callibrated. Pulled PT for season. Removed TXR, TB, and Battery.

Site Notes:

Follow-Up: Check PT in spring. Needs Re-callibrated.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Lakewood CC

Date: 30-Nov-09

Time: 9:58

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 18535	9000
TB J 3976	9000
BY R 0332	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

Service Log			
Site Name:	Lakewood Gulch	Date:	03-Nov-09
Time:	14:18		
Service Type:	End of Season	Technician:	SB
Status:	Site Down		

Configuration Changes	
Part #	Location
BY R 0842	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	
1563	14:23	1080	5.39 psi	1083	
1563	14:24	493	2.46 psi	495	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: Tested PT. PT ok. Pulled up for winter. Pulled Battery.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Englewood Dam

Date: 26-Oct-09

Time: 14:55

Service Type: End of Season

Technician: SB

Status: Site Down

Configuration Changes

Part #	Location
TX J 23967	9000
TB J 8373	9000
BY R 0925	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
1603	14:59	1324	5.53 psi	1303
1603	15:00	431	1.77 psi	419

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Removed TB, Battery, and TXR. Pulled up PT for the winter.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Holly Dam**Date: **27-Oct-09**Time: **12:07**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 19660	9000
BY R 0323	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
1613	12:11	1283	6.09 psi	1273
1613	12:12	420	1.88 psi	405

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** PT OK. Pulled up for winter. Pulled TXR and battery.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Slaughterhouse**Date: **27-Oct-09**Time: **12:38**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 8694	9000
TB J 18576	9000
BY R 0823	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
1623	12:43	1542	6.32 psi	1526
1623	12:44	563	2.30 psi	562

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** PT OK. Pulled up for winter. Pulled TXR, TB, and battery.**Site Notes:****Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **S Platte @ Dart**Date: **30-Nov-09**Time: **10:55**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0902	1630
BY R 0909	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 2518	5.00	125	2.5	

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: **4.7**
 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 0902	13.12	

Problem:

Action Taken: Replaced battery and desiccant in txr. Benched txr. RF OK. @ 11:00 ID 1629 raw = 2039 => 1.67, tape = 1.50, enc = 1.50. CDWR log from 11/19/09 @ 12:30 logger = 1.60, IG = 1.61, OG = 1.60.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **SPR at Union Ave.** Date: **30-Nov-09** Time: **10:28**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY J 0904	1640
BY J 0905	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 4523		321	2.5	

Settings and Performance

Switches:
 Jumpers:
 Eprom:
 Tx Freq: **169.525**
 Rx Freq: **171.875**
 Fwd Power: **4.6**
 Rev Power: **0.1**
 SWR: **1.35**

Test Transmission

Port	Time	Count	Measure	Predicted
1640	10:39	139		0
1640	10:40	140		0

Battery Tests

Battery #	V Quiescent	V Load
BY J 0904	12.88	

Problem:

Action Taken: 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: **SPR at 19th Street** Date: **30-Nov-09** Time: **11:26**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0804	1650
BY R 0807	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 2518	5.00	216	2.5	

Settings and Performance

Switches: **JB 9&10 @1&2,EvT-E,WL**
 Jumpers: **JB1off,JB2on,JB3on,Jb4o**
 Eprom:
 Tx Freq: **169.525**
 Rx Freq:
 Fwd Power: **4.7**
 Rev Power: **0.1**
 SWR: **1.34**

Test Transmission

Port	Time	Count	Measure	Predicted

Battery Tests

Battery #	V Quiescent	V Load
BY R 0804	12.92	

Problem:

Action Taken: Replaced battery and desiccant in trx. Benched trx. RF OK. @ 11:30 ID 1649 raw = 308 => 3.05, Tape = 2.97, enc = 2.97. CDWR log from 11/24/09 @ 9:46 tape = 3.19, outside = 3.17, enc = 3.18, pen = 3.18.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **SPR at Henderson** Date: **18-Nov-09** Time: **12:22**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0323	1660
BY R 0222	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 1966	5.00	124	2.5	

Settings and Performance

Switches:
 Jumpers: **JB1&4 off, JB2&3 on**
 Eprom:
 Tx Freq: **169.525**
 Rx Freq:
 Fwd Power: **4.6**
 Rev Power: **0.1**
 SWR: **1.35**

Test Transmission

Port	Time	Count	Measure	Predicted
1660	12:35	135		0
1660	12:35	136		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0323	13.01	

Problem:

Action Taken: Replaced battery and desiccant in txr. Benched txr. RF OK. TB OK. @ 12:29 ID 1659 raw = 493 => 4.93, tape and enc read 5.07. CDWR log from 11/17/09 @ 12:46 tape = 5.00, outside = 5.04, enc = 5.00, pen = 5.00.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Cherry Ck @ Champa** Date: **30-Nov-09** Time: **11:47**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
CE A001	1700
BY J 0905	1700
BY J 0906	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
CE A001		127	2.5	

Settings and Performance

Switches:
 Jumpers:
 Eprom:
 Tx Freq: **169.525**
 Rx Freq: **171.875**
 Fwd Power: **4.6**
 Rev Power: **0.1**
 SWR: **1.35**

Test Transmission

Port	Time	Count	Measure	Predicted
1700	11:56	143		0
1700	11:58	144		0

Battery Tests

Battery #	V Quiescent	V Load
BY J 0905	13.20	

Problem:

Action Taken: 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:	Shop Creek	Date:	06-Nov-09
Time:	10:44	Service Type:	End of Season
Technician:	SB	Status:	OK

Configuration Changes	
Part #	Location
TB J 21330	9000
DL CS 25874	9000
BY R 0416	9000

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance
Switches:
Jumpers:
Eprom:
Tx Freq:
Rx Freq:
Fwd Power:
Rev Power:
SWR:

Test Transmission				
Port	Time	Count	Measure	Predicted

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: TB connected to PI(red), G(black), G(shield) on datalogger.
 Removed electronics for the season.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Cherry Ck/Steele**Date: **06-Nov-09**Time: **12:34**Service Type: **End of Season**Technician: **SB**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 21423	9000
TB H 551	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
1723	12:35	1243	6.90 psi	1220
1723	12:36	377	2.07 psi	370

Battery Tests

Battery #	V Quiescent	V Load

Problem:**Action Taken:** Tested PT. PT OK. Pulled up for winter. Removed TB, TXR, Battery for season.**Site Notes:****Follow-Up:** Check callibration in spring.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Sand Creek Park

Date: 26-Oct-09

Time: 12:32

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 19661	9000
TB J 19639	9000
BY R 0939	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
1803	12:38	1049	5.06 psi	1031
1803	12:39	426	2.03 psi	413

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:	Niver Detention	Date:	03-Nov-09
Service Type:	End of Season	Technician:	SB
			Time: 10:07
			Status: Site Down

Configuration Changes	
Part #	Location
TX J 25153	9000
TB J 10735	9000
BY R 0809	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	
1903	10:10	1000	5.52 psi	1003	
1903	10:13	339	1.85 psi	340	

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

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

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Brighton** Date: **18-Nov-09** Time: **11:36**
Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0223	1920
BY R 0418	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX N 231	5.00	254	2.5	

Settings and Performance

Switches: **1920**
Jumpers:
Eprom: **9601-01-N Ver 3.5R**
Tx Freq: **169.500**
Rx Freq:
Fwd Power: **4.9**
Rev Power: **0.1**
SWR: **1.33**

Test Transmission

Port	Time	Count	Measure	Predicted
1920	12:01	905		0
1920	12:01	906		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0223	13.01	

Problem:

Action Taken: Replaced battery and desiccant in trx. Benched trx. RF OK. Solar OK. TB OK. @ 12:05 ID 1921 raw = 113 => 44.3% RH, ID 1922 raw = 134 => 54 deg.F, psychrometer readings Td = 55 deg.F, Tw = 45 deg.F implying Rh = 48% and dp = 36 deg.F. Wind sensors rotating freely.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Hiwan	Date:	04-Nov-09
Service Type:	Inspection	Technician:	DP
		Time:	11:52
		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:	169.525
Rx Freq:	
Fwd Power:	4.6
Rev Power:	0.1
SWR:	1.35

Test Transmission				
Port	Time	Count	Measure	Predicted
2210	11:58	75		0
2210	11:59	76		0

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: @ 12:02 ID 2211 raw = 21 => 21% RH, ID 2212 raw = 101 => 61 deg.F, psychrometer readings Td = 61 deg.F, Tw = 43 deg.F implying RH = 23% and dp = 23 deg.F. RF OK. Solar OK. TB OK. 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: 04-Nov-09

Time: 13:22

Service Type: Inspection

Technician: DP

Status: OK

Configuration Changes

Part #	Location
BY R 0848	2220

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 8745	5.00	140	2.5	

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	13:36	1141	5.04 psi	1128
2223	13:37	465	2.05 psi	464

Battery Tests

Battery #	V Quiescent	V Load
BY R 0848	13.02	

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. Drilled drain hole in box, 3/4 in. water.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Bear Creek @ Cub** Date: **04-Nov-09** Time: **12:55**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 25158	9000
TB H 635	9000
BY R 0822	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	13:01	1130	5.06 psi	1115
2233	13:02	502	2.06 psi	492

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: Cold Spring Glch

Date: 03-Nov-09

Time: 12:24

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 25150	9000
TB H 570	9000
BY R 0845	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
2243	12:26	1035	5.02 psi	1036
2243	12:27	420	2.05 psi	425

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: **Rosedale** Date: **04-Nov-09** Time: **12:24**
Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 21421	9000
TB H 552	9000
BY R 0404	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	12:29	1073	5.06 psi	1062
2253	12:30	442	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 LogSite Name: **Brook Forest**Date: **04-Nov-09**Time: **14:39**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25149	9000
TB H 9401	9000
BY R 0226	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and PerformanceSwitches: **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 LogSite Name: **Cub Ck below Blue**Date: **04-Nov-09**Time: **14:13**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25146	9000
TB H 568	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
2273	14:16	1056	5.05 psi	1044
2273	14:17	427	2.03 psi	420

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 LogSite Name: **Kinney Peak**Date: **03-Nov-09**Time: **13:25**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25157	9000
TB H 561	9000
BY R 0315	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

Service LogSite Name: **Genesee Village**Date: **04-Nov-09**Time: **10:03**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25156	9000
TB H 514	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 PerformanceSwitches: **2310-0012-0112-11011**

Jumpers:

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

Rx Freq:

Fwd Power:

Rev Power:

SWR:

Test Transmission

Port	Time	Count	Measure	Predicted

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:	Choke Cherry Res	Date:	04-Nov-09
Time:	10:23		
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
2320	11:13	97		0
2320	11:13	98		0

Battery Tests		
Battery #	V Quiescent	V Load

Problem:

Action Taken: Installed duplex radio harness and attached tx antenna cable. RF OK. Solar OK. TB OK.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Morrison** Date: **03-Nov-09** Time: **11:24**
Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0922	2330
BY R 0507	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 6713	5.00	25	2.5	

Settings and Performance

Switches: **2330-00E**
Jumpers: **C:J1,1-2,J3,5on;L:J1,4,6,1**
Eprom: **R 1.8 57FE**
Tx Freq: **169.525**
Rx Freq:
Fwd Power: **4.9**
Rev Power: **0.0**
SWR: **1.09**

Test Transmission

Port	Time	Count	Measure	Predicted
2330	11:47	1		0
2330	11:47	2		0
2333	11:26	1192	5.05 psi	1178
2333	11:28	503	2.11 psi	492

Battery Tests

Battery #	V Quiescent	V Load
BY R 0922	12.98	

Problem:

Action Taken: PT tests OK, good hydraulic contact. Replaced battery and desiccant in txr. Benched txr. Replaced desiccant in sig con box. @11:41 ID 2333 raw = 315 => 5.93, tape and enc = 5.93. CDWR log from 10/27/09 @ 10:34 tape = 5.67, pen = 5.68, enc = 5.670. Solar OK. RF OK. TB OK.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **El Rancho** Date: **04-Nov-09** Time: **11:28**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 23326	9000
TB J 2532	9000
BY R 0914	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

Service LogSite Name: **Idledale**Date: **03-Nov-09**Time: **12:03**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 25147	9000
TB H 553	9000
BY R 0511	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and PerformanceSwitches: **2350-0012-0112-11011**

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:	Indian Hills	Date:	03-Nov-09
Time:	12:47		
Service Type:	End of Season	Technician:	DP
Status:	Site Down		

Configuration Changes	
Part #	Location
TX J 25152	9000
TB H 467	9000
BY R 0412	9000

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance	
Switches:	2360-0012-0112-11011
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: Red Rocks

Date: 03-Nov-09

Time: 14:11

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 25148	9000
TB H 560	9000
BY R 0919	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
2373	14:14	1090	5.08 psi	1080
2373	14:15	442	2.02 psi	443

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 LogSite Name: **Martin Gulch**Date: **12-Nov-09**Time: **10:04**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0933	4040
BY R 0310	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 8764	5.00	150	2.5	

Settings and Performance

Switches: **4040-00E**
Jumpers:
Eprom:
Tx Freq: **169.500**
Rx Freq:
Fwd Power: **20.0**
Rev Power: **0.1**
SWR: **1.15**

Test Transmission

Port	Time	Count	Measure	Predicted

Battery Tests

Battery #	V Quiescent	V Load
BY R 0933	13.11	

Problem:**Action Taken:** 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

Service Log

Site Name: Walker Ranch

Date: 12-Nov-09

Time: 10:44

Service Type: Inspection

Technician: DP

Status: OK

Configuration Changes

Part #	Location
BY R 0619	4050
BY R 9595	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 8768	5.00	120	2.5	

Settings and Performance

Switches: 4050-00E
Jumpers:
Eprom:
Tx Freq: 169.500
Rx Freq:
Fwd Power: 4.5
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 0619	13.21	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Lakeshore

Date: 12-Nov-09

Time: 11:44

Service Type: Inspection

Technician: DP

Status: OK

Configuration Changes

Part #	Location
BY R 0633	4060
BY R 0509	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 9757	5.00	210	25	

Settings and Performance

Switches: 4060-00E
 Jumpers:
 Eprom:
 Tx Freq: 169.500
 Rx Freq:
 Fwd Power: 16.0
 Rev Power: 0.2
 SWR: 1.25

Test Transmission

Port	Time	Count	Measure	Predicted

Battery Tests

Battery #	V Quiescent	V Load
BY R 0633	13.15	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Bear Peak**Date: **12-Nov-09**Time: **12:04**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0905	4070
BY R 0908	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 9759	5.00	250	2.5	

Settings and Performance

Switches: **07**
 Jumpers:
 Eprom:
 Tx Freq: **169.500**
 Rx Freq:
 Fwd Power: **25.0**
 Rev Power: **0.2**
 SWR: **1.2**

Test Transmission

Port	Time	Count	Measure	Predicted

Battery Tests

Battery #	V Quiescent	V Load
BY R 0905	13.21	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Gold Lake**Date: **09-Nov-09**Time: **10:34**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0507	4180
BY R 0944	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 2731	5.00	242	2.5	

Settings and Performance

Switches: **0918**
 Jumpers:
 Eprom:
 Tx Freq: **169.500**
 Rx Freq:
 Fwd Power: **20.0**
 Rev Power: **0.0**
 SWR: **1.05**

Test Transmission

Port	Time	Count	Measure	Predicted
4180	10:47	1		0
4180	10:47	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0507	13.20	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Slaughterhouse**Date: **10-Nov-09**Time: **10:54**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0849	4190
BY R 0828	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 8760	5.00	245	2.5	

Settings and Performance

Switches: **0F19**
Jumpers:
Eprom:
Tx Freq: **169.500**
Rx Freq:
Fwd Power: **19.0**
Rev Power: **0.1**
SWR: **1.16**

Test Transmission

Port	Time	Count	Measure	Predicted
4190	11:10	1		0
4190	11:10	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0849	13.12	

Problem:**Action Taken:** 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

Service Log

Site Name: **Cannon Mountain** Date: **10-Nov-09** Time: **11:53**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0825	4270
BY R 9619	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 1529	5.00	232	2.5	

Settings and Performance

Switches: **.8**
 Jumpers:
 Eprom: **R1.8 9CA1**
 Tx Freq: **169.500**
 Rx Freq:
 Fwd Power: **4.7**
 Rev Power: **0.0**
 SWR: **1.1**

Test Transmission

Port	Time	Count	Measure	Predicted
4270	12:07	1		0
4270	12:07	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0825	13.02	

Problem:

Action Taken: Replaced battery and desiccant in txr. Benched txr. RF OK. TB OK. Solar OK.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Red Hill

Date: 10-Nov-09

Time: 14:11

Service Type: Inspection

Technician: DP

Status: OK

Configuration Changes

Part #	Location
BY R 0919	4290
BY R 0307	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance

Switches: 4290-00E
 Jumpers: C:J5 off
 Eprom: R 1.8 9CA1
 Tx Freq: 169.500
 Rx Freq:
 Fwd Power: 22.0
 Rev Power: 0.1
 SWR: 1.14

Test Transmission

Port	Time	Count	Measure	Predicted

Battery Tests

Battery #	V Quiescent	V Load
BY R 0919	13.12	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Johnny Park**Date: **11-Nov-09**Time: **11:30**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0842	4310
BY R 9626	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance

Switches: **4310**
Jumpers:
Eprom:
Tx Freq: **169.500**
Rx Freq:
Fwd Power: **16.0**
Rev Power: **0.1**
SWR: **1.17**

Test Transmission

Port	Time	Count	Measure	Predicted
4300	12:47	1		0
4300	12:47	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0842	13.12	

Problem:

Action Taken: Replaced battery and desiccant in txr. Benchd txr. RF OK. TB OK. Solar panel had broken wire, made temporary repair, OK. Must replace in spring and add regulator.

Site Notes:

Follow-Up: Replace solar, add regulator

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Johnny Park**Date: **11-Nov-09**Time: **14:07**Service Type: **Inspection**Technician: **DP**Status: **OK****Configuration Changes**

Part #	Location
BY R 0935	4310
BY R 0842	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 1529	5.00	235	2.5	

Settings and Performance

Switches: **4310**
Jumpers:
Eprom:
Tx Freq: **169.500**
Rx Freq:
Fwd Power: **22.0**
Rev Power: **0.1**
SWR: **1.14**

Test Transmission

Port	Time	Count	Measure	Predicted
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Battery Tests

Battery #	V Quiescent	V Load
BY R 0935	13.07	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Hansen** Date: **10-Nov-09** Time: **13:38**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0836	4330
BY R 0618	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt

Settings and Performance

Switches: **4330-00E**
 Jumpers: **C: J5 off**
 Eprom: **R 1.8 9CA1**
 Tx Freq: **169.500**
 Rx Freq:
 Fwd Power: **22.0**
 Rev Power: **0.1**
 SWR: **1.14**

Test Transmission

Port	Time	Count	Measure	Predicted
4330	13:48	1		0
4330	13:49	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0836	13.06	

Problem:

Action Taken: Replaced battery and desiccant in txr. Benched txr. Solar OK. RF OK. TB OK.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: **Riverside** Date: **11-Nov-09** Time: **10:18**
 Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0505	4340
BY R 0921	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 1016	5.00	145	2.5	

Settings and Performance

Switches: **0834**
 Jumpers:
 Eprom:
 Tx Freq: **169.500**
 Rx Freq:
 Fwd Power: **18.0**
 Rev Power: **0.1**
 SWR: **1.16**

Test Transmission

Port	Time	Count	Measure	Predicted
4340	10:35	1		0
4340	10:35	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0505	13.12	

Problem:

Action Taken: Replaced battery and desiccant in txr. Benched txr. RF OK. TB OK. Solar OK.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Boulder Falls	Date:	05-Nov-09
Time:	12:43	Service Type:	End of Season
Technician:	DP	Status:	Site Down

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	
4393	12:48	1185	5.06 psi	1180	
4393	12:49	478	2.03 psi	474	

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: **Orodell** Date: **05-Nov-09** Time: **12:09**
Service Type: **Inspection** Technician: **DP** Status: **OK**

Configuration Changes

Part #	Location
BY R 0913	4400
BY R 0244	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 2807	5.00	210	2.5	

Settings and Performance

Switches: **4400-00E**
Jumpers: **C:J6,2-3 L:J8,1-2;J9,10,2-3**
Eprom:
Tx Freq: **169.500**
Rx Freq:
Fwd Power: **4.8**
Rev Power: **0.1**
SWR: **1.34**

Test Transmission

Port	Time	Count	Measure	Predicted
4403	12:12	1060	5.05 psi	1043
4403	12:13	440	2.08 psi	431

Battery Tests

Battery #	V Quiescent	V Load
BY R 0913	13.12	

Problem:

Action Taken: PT tests OK, good hydraulic contact. Replaced battery and desiccant in txr. Benched txr. Replaced desiccant in sig con box. @ 12:18 ID 4403 raw = 132 => 2.03, tape and enc = 1.91. CDWR log from 10/19/09 @ 9:45 tape = 1.82, pen = 1.82, enc = 1.82. RF OK.

Site Notes:**Follow-Up:**

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service LogSite Name: **Fourmile**Date: **05-Nov-09**Time: **13:18**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
TX J 2182	9000
BY R 0420	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
4413	13:21	1202	5.06 psi	1203
4413	13:22	486	2.05 psi	488

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 LogSite Name: **Bridge**Date: **05-Nov-09**Time: **11:48**Service Type: **End of Season**Technician: **DP**Status: **Site Down****Configuration Changes**

Part #	Location
PT D 1804748	9000
BY CSR 0204	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
4423	11:53	1063	5.08 psi	1044
4423	11:54	441	2.06 psi	422

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:** Reset zero at start up.

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log

Site Name: Rowena

Date: 05-Nov-09

Time: 13:48

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 2687	9000
BY R 0839	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
4433	13:52	1213	5.06 psi	1201
4433	13:53	487	2.06 psi	481

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: James Creek

Date: 06-Nov-09

Time: 10:34

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 2689	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
4443	10:37	1198	5.03 psi	1186
4443	10:38	492	2.05 psi	483

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: 06-Nov-09

Time: 10:55

Service Type: End of Season

Technician: DP

Status: Site Down

Configuration Changes

Part #	Location
TX J 2686	9000
BY R 0223	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
4453	10:58	1045	5.15 psi	1045
4453	10:59	414	2.09 psi	414

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: **S. St. Vrain at Berry R** Date: **06-Nov-09** Time: **11:51**
 Service Type: **End of Season** Technician: **DP** Status: **Site Down**

Configuration Changes

Part #	Location
TX J 2174	9000
BY R 0429	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
4463	11:56	1190	5.05 psi	1202
4463	11:57	477	2.03 psi	483

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 LogSite Name: **Little Narrows**Date: **06-Nov-09**Time: **11:28**Service Type: **Inspection**Technician: **DP**Status: **PT Down****Configuration Changes**

Part #	Location
BY R 0290	4470
BY R 9736	9000

Transducer Calibration

Sensor ID	Slope	Calib Offset	Std Error
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Tx Maintenance

Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 1016	5.00	300	2.5	

Settings and Performance

Switches: **4470-B00**
 Jumpers:
 Eprom: **57EE**
 Tx Freq: **169.500**
 Rx Freq:
 Fwd Power: **20.0**
 Rev Power: **0.1**
 SWR: **1.15**

Test Transmission

Port	Time	Count	Measure	Predicted
4470	11:43	1		0
4470	11:43	2		0

Battery Tests

Battery #	V Quiescent	V Load
BY R 0290	13.03	

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

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Lyons Diversion	Date:	06-Nov-09
Service Type:	Inspection	Technician:	DP
		Time:	12:28
		Status:	OK

Configuration Changes	
Part #	Location
BY R 0838	4560
BY R 0924	9000

Transducer Calibration			
Sensor ID	Slope	Calib Offset	Std Error

Tx Maintenance				
Part #	Ref V	Freq Err	Deviation	ROM Batt
TX J 2682	5.00	234	2.5	

Settings and Performance	
Switches:	4560-E00
Jumpers:	JB3,4,5 off
Eprom:	57EE
Tx Freq:	169.500
Rx Freq:	
Fwd Power:	4.6
Rev Power:	0.0
SWR:	1.1

Test Transmission					
Port	Time	Count	Measure	Predicted	
4563	12:44	1193	5.04 psi	1188	
4563	12:45	486	2.06 psi	486	

Battery Tests		
Battery #	V Quiescent	V Load
BY R 0838	12.90	

Problem:

Action Taken: PT tests OK, good hydraulic contact. Rplacd battery and desiccant in txr. Replaced desiccant in sig con box. RF OK.

Site Notes:

Follow-Up:

MAINTENANCE RECORD
URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
ONERAIN INCORPORATED

Service Log			
Site Name:	Hills Mills	Date:	09-Nov-09
Service Type:	Inspection	Technician:	DP
			Time: 11:30
			Status: Incomplete

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: Road closed, snow drifts.

Site Notes: combo as of 11/09 5050

Follow-Up: