



Optical Scientific, Inc.  
Return Material Authorization Form

**RMA NUMBER:**

**311032**

**CUSTOMER:**

Contact: Kuhio Vellalos  
Org./Co: Ocean Technology Group  
Adrs: (#1 Sand Island Access Road  
Honolulu, HI 96815)  
Phone: 808-832-3075  
Fax:

**DETAILS:**

DATE ASSIGNED: 13/04/2011  
INITIATED BY: Darryl  
DATE RECEIVED: 15/04/11  
REPAIR APPROVED BY: Tom  
( ) - REPAIR ESTIMATE ( ) - OTHER  
( ) - EXCHANGE

**Custom Service Checklist (Required)**

- 1 Completed info & transferred to Production
- 2 Sent quote or contacted customer on resolution
- 3 Repair approved. Return RMA to Production  
SO# S411055 Date: 4/25/2011
- 4 Shipped and Closed Date: 4/29/11

**Production Checklist**

- 1 Materials recv'd, yellow tag placed on unit
- 2 Identified problem
- 3 Return RMA to CS  
Date: 15/April/11

**(Required)**

- 4 Received from CS
- 5 Repaired or replaced
- 6 Send RMA back to CS including Packing Slip  
Date: 29/April/2011

ITEM	MODEL NUMBER / ITEM DESCRIPTION (1 per RMA Form)	SERIAL#	WAR.
1	ORG-815-DR	09100291	OUT

**CUSTOMER DESCRIPTION OF PROBLEM:**

Sensor needs Calibration

**INCOMING INSPECTION AND CHECKS**

Receiving Check By: TBP Date: 15/04/11

- Receiving: ok

- External: ok

Prod. Check By: Tom Date: 15/04/11

- Internal: ok

- Power up: ok

- With TST --- Desired: 3.691

Actual: 3.725

**FAILURE ANALYSIS:** Tx L E D did not come: Sensor needs calibration.

**CORRECTIVE ACTIONS**

--- Performed by: Tom

Date: 28/ APRIL /2011

- Optical Alignment [ ] - Electrical Alignment [ ] - Desiccant [X] - Re-Seal [ x ] - Factory Acceptance Test [x]

- Flow Test [ ] - Chamber Test [ ] - Rain Test [ X ] - Firmware update [ ] to version:

- PCB's replaced:

- Other: . Plug in Tx wire , Rain test

**- REMARKS:**

**NOTES:** Original RMA should be returned to customer service for closing. Please label any photocopies of RMA as a COPY. This RMA will stay open until BOTH checklists above are completed.



Optical Scientific Inc.

**OPTICAL SCIENTIFIC, INC.**

Optical Precipitation Sensor (ORG-815-DXXX)

**CERTIFICATE OF CALIBRATION**

Date: 29 April 2011 OSi Ref No. 411055

Customer: Ocean Tech Cust. PO No. 7985849

P/N: ORG 815 DR S/N: 09100291

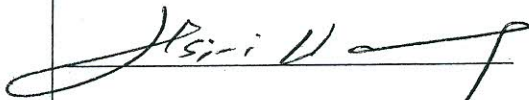
Optical Scientific hereby certifies compliance of the above referenced item(s) as follows:

Quality Standard: ISO-9001

OSi Test Standard: ORG9903, ORG9905, ORG0007

**CALIBRATION DATA**

Free Run Output (40 +/- 5mV)	<u>40</u> mV
ORG Calibration (Voltage)	<u>3.782</u> Vdc
Power Consumption (<800)	<u>405</u> ma

  
Authorized Q.A. Representative

05/11/10

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