

Serial No.

Remarks



Γest	and	Spe	cific	ation	Sheet
Reco	rding	Cur	rent	Meter,	ı

RCM 9, Mk II	
RCM 11	$\Box$
Serial No.	62

Main Comp	one	ents
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Component

Clastronia Doord 0000		
Electronic Board 3623	807	Reference reading: 735
Data Storage Unit 2990	12439	Standard X Extended
Doppler Current Sensor 3929/3820	62	
Temperature Sensor 3621	823	
Conductivity Cell <del>3619</del> /3819	28	
Pressure sensor 3815 <i>E</i>	156	
Turbidity sensor 3612		
Oxygen Sensor 3675		
poxy coating intactinc anode installed		
<u>-</u>		KHz is equal to the output of 15.7 KHz
		00 mA
그 그리고 있는 사람이 하는 아이들이 아니는 그는 그리고 있는 것이 아니는 그리고 있다면 하는데 하는데 그리고 있다.		interval. Maximum 1.0 mA average
Field test 8 hours, 5 min. interval recordi	ng in DSU 2990	7
Field test 8 hours, 5 min. interval recordi Check operation with Test Unit 3731, -5° Check remote start, PDC-4 output and e	ng in DSU 2990 C to +35°C, (all ch xternal powering .	rannels tested, 16 hour run, data stored in DSU 2990
Field test 8 hours, 5 min. interval recording Check operation with Test Unit 3731, -5° Check remote start, PDC-4 output and e Electrical isolation between system groun	ng in DSU 2990 C to +35°C, (all ch xternal powering nd and Top end-pl	nannels tested, 16 hour run, data stored in DSU 2990
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Field test 8 hours, 5 min. interval recording theck operation with Test Unit 3731, -5° Check remote start, PDC-4 output and effectrical isolation between system groundest of Operation in Burst Mode, 2 minutes and Check prior to Shipment:  Coppler Current Sensor is tested with Temperature readings correspond to roo Conductivity Sensor reads correct with some pressure Sensor gives correct reading and conductivity sensor gives correct	ng in DSU 2990 C to +35°C, (all charternal powering nd and Top end-places interval  Date:  material description of the comparison of the comp	ate  4-01 Sign.  7. Heline
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Set temperature range switch to "Low" and conductivity range to 0-74 mS

Set interval switch to 10 minutes and turn channel selector switch to OFF position

Erased DSU installed.

Inspect O-ring groove and clean and grease O-ring

Check that the pressure sensor is oil filled

Install fresh battery, type Alkaline 3614, Open loop voltage: >9,5 Voltage with 100ohms load: > 7, 2

Date 19/4-01 sign & Seljeld



Calibration Sheet
Recording Current Meter,
RCM 9, Mk II
RCM 11
Serial No.: 62

Reference( channel 1): 735

## The calibration coefficients listed below are valid for the sensors with the following serial numbers

Sensor	Range	Serial No.
Doppler Current Sensor <del>3020</del> /3820		62
Temperature Sensor 3621		823
Conductivity cell <del>3619</del> /3819		28
Pressure sensor 3815 E	0-60 MPa	156
Turbidity sensor 3612		
Oxygen Sensor 3675		

## **Calibration Coefficients:**

Ch.No.	Parameter	Α	В	С	D	Unit
1	Reference	0	1.000E+00	0	0	
2	Current Speed	0	2.933E-01	0	0	cm/s
3 .	Current Direction	0	3.516E-01	0	0	Deg.M
4	Temperature			-t-		
	Wide range	-6,036 E-01	3,4/6 E-02	-6.292E-06	4.800E-09	Deg.C
	Low range	-2,682 E+00	2,407E-02	-2.238E-06	2.056E-09	Deg.C
	High range	9,815 E+00	2,390 E-02	-5.941E-07	2.820E-09	Deg.C
	Arctic range	-2,956E+00	8,948 E-03	-3.476E-07	1.134E-10	Deg.C
5	Conductivity					
	0-74mS/cm	6,745 E-02	6.745E-02	0	0	mS/cm
	24-38mS/cm	2,224E+01	1.521E-02	0	0	mS/cm
	0-2mS/cm			0	0	mS/cm
6	Pressure	-1.771E+00	6,272E-02	-8,975E-07	0	-kPa/MPa
7	Turbidity					NTU
	Oxygen			0	0	% *

Oxygen saturation with respect to nominal air pressure (1013.2 hPa)
To obtain the density of oxygen in mg/l, see calibration sheet for the Oxygen Sensor, Form 533

Date: 19/4-2001 Sign Jan Sagrunes