



## Technical Report: Determining the Source of Electrolysis Current in a Marina. Part Two

### DATA:

NB SeaBis limits the current through itself to 2 mA to protect itself.

**Distance through the Marina Water in Meters from Source Battery Onboard un/protected Vessel**

	Onboard	1	2	3	5	10	25	50	100	500
<b>Current in the Water in mA (1/1000 amp)</b>										
<b>SeaBis indicates:</b>	Critical	Caution	Caution	Caution	Caution	Caution	Caution	Caution	Caution	Caution
Unprotected vessel	>2.00	0.50	0.50	0.50	0.50	0.50	0.50	0.48	0.45	0.41
<b>SeaBis indicates:</b>	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
SeaBis protected vessel	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0009	<0.0007	<0.0003
<b>Voltage in the Water from Anodes</b>										
<b>*Anode Voltage Tester indi-</b>										
Unprotected vessel	0.67	0.65	0.65	0.65	0.65	0.65	0.65	0.64	0.61	0.57
Protected vessel	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.81	0.77	0.73

\*Anode Voltage Tester readings are specifically for testing anode activity. SeaBis test for electrolysis current.

### Verification of readings:

Onboard taken using SeaBis with wet metal connection to propeller shaft.

In the water with SeaBis electrolysis sense connected to a calibrated probe in top 20 cm of Marina water.

SeaBis calibration confirmed correct using a calibrated source referenced to a calibrated in survey, multimeter.

Witnessed by, Glen Bishop, Darryl Rawlins and Owners of vessels.

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