EAS 199B: Checklist for calibration of the salinity sensor

Date:

Group members: Sub-project Leader

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Your score	Max score	
_____	5	Raw data is saved to a spreadsheet with clear labels, date and group name
_____	5	Histograms of readings at each salinity calibration point are created.
_____	5	Statistics for each salinity calibration point are computed and tabulated.
_____	5	Forward, S = f(V), and reverse, V = g(S), curve fits to the raw data are obtained. Coefficients of curve fits to at least 5 decimal places are recorded.
_____	5	Plots of raw data with superimposed curve fits (forward and reverse) with proper labels are completed.
_____	15	Running the fish tank with a calibration standard results in display of reasonably close salinity value on the LCD
	40	Total

Sub-project Leader

_____	5	Clear and responsive communication with instructor
_____	5	System is organized and ready for in-class verification
_____	5	All team members are knowledgable about system operation
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