## REVISION NOTICE TABLE

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| DATE | DESCRIPTION OF REVISION |
| 14-Sep-2017 | Added missing units to channels. Roy Hourston. |
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## PROCESSING NOTES

Cruise: 1976-23

Agency: University of British Columbia, Vancouver, BC

Project: Iona Jetty

Location: Strait of Georgia

Platform: Vector

Date: July 16 1976

Processed by: Germaine Gatien

Date of Processing: 14 July 2017-17 July 2017

Number of BOT files: 11

Paper documents found at IOS in 2017 included a bridge log and a salinity analysis sheet.

There was also a deck sheet including reversing thermometer readings and salinity bottle analysis results, but it appears this was not recorded in the usual fashion as the date and position at the top does not agree with any of the 11 bottles listed in the Bridge Log. It appears that the sheet was used to record all the data collected during the project.

A spreadsheet was prepared based on the paper records, “Salinity\_1976-23\_21-03-2017.xls”. This did not include temperature data, so that was added based on left and middle Thermometer readings. Then calculated depths were found on computer output, so those were used instead of nominal depths.

The format for positions was changed and the file was saved as 1976-23-bottles.csv.

That file was then converted to IOS SHELL format files. The DATE and TIME were converted as channels rather than directly to header entries.

CLEAN was run to add event numbers and to create START and END times in the headers based on the Date and Time channels.

Times in spreadsheet appear to be UTC as they are about 7 hours later than bridge log.

REMOVE was run to remove the Date and Time channels.

Plots were made with the local temperature and salinity climatology superimposed and all data fell within those ranges. The temperature was near the low end of the range, but given the date of the cruise that is to be expected, since the climatology is based on data from 1988 to 2008. A track plot was produced and looks fine; it was added to the end of this report.

Head Edit was run to add a comment, fix formats and channel names and to remove the END TIME which is the same as the START TIME.

