## REVISION NOTICE TABLE

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| DATE | DESCRIPTION OF REVISION |
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## PROCESSING NOTES

Cruise: 1978-62

Agency: Institute of Ocean Sciences, Sidney, BC

Project: Kitimat Hydrocarbon Baseline Study

Location: Douglas Channel

Platform: Sea Lion

Date: 19 June 1978 – 29 June 1978

Processed by: Germaine Gatien

Date of Processing: 18 July 2017- 19 July 2017

Number of BOT files: 12

These data are from the first of 3 cruises that formed part of the project: 1978-62, 1978-63 and 1979-75.

These data were transcribed in 2017 by Danielle Caleb from a report by Paul Erickson of Seakem Oceanography Ltd. (Erickson, 1979, Kitimat Hydrocarbon Baseline Study: Oceanographic Observations ) Erickson ran 3 cruises under contract to the Institute of Ocean Sciences. The report can be found in the documents folder. It includes the data and a report on the methods, precision and accuracy of analytical methods.

The report says that there were CTD casts throughout the first cruise and at some sites during the third cruise, but those data had not been found as of July 2017.

The data in spreadsheet “data rescue-macdonald-erikson.xls” were separated into 3 separate spreadsheets for the 3 cruises that were part of this project.

The format for positions was changed and the file was saved as 1978-62-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 the spreadsheet are in local time. ADD TIME CHANNEL was used to convert the times to UTC by adding 7 hours.

REMOVE was run to remove the Date and Time channels.

Profile plots look reasonable. The only climatology available for the area is based on offshore values, so it is no surprise that the salinity is often lower than the minimum of the range, but most temperature values are within the climatology. T-S plots show no unstable features.

Track plots were produced with event numbers and station numbers. They look fine and were 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.

