**APPENDIX A**

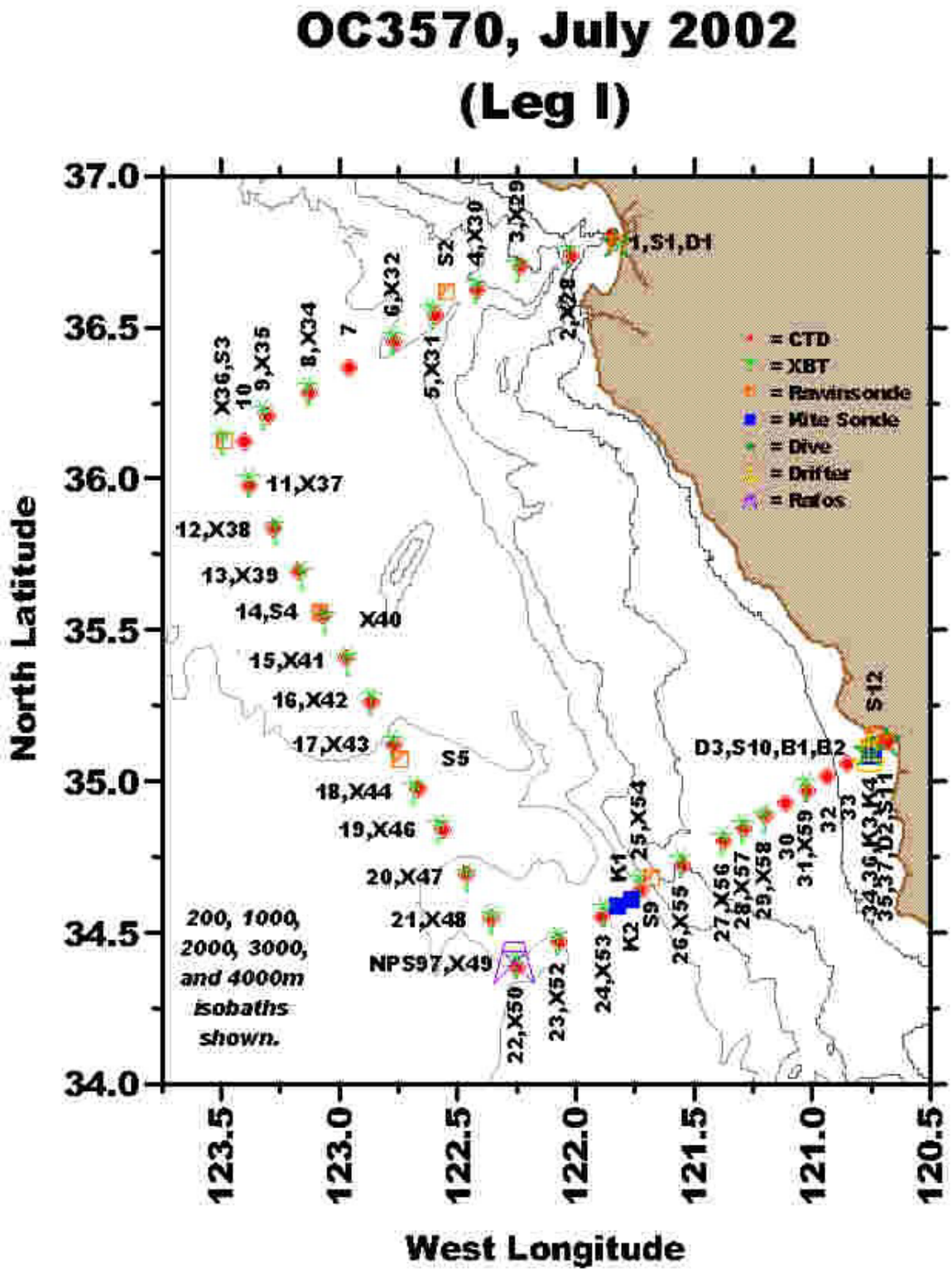
Location of CTD and XBT Temperature Profiles

| My # | XBT # | XBT Type | POSITION North | POSITION West | CTD # | POSITION North | POSITION West | DATE |
|---|---|---|---|---|---|---|---|---|
| 1 | 28 | T-7 | 36-44.43 | 122-01.95 | 2 | 36-44.16 | 122-01.23 | 15 July 02 |
| 2 | 29 | T-7 | 36-41.87 | 122-14.94 | 3 | 36-42.14 | 122-14.17 | 15 July 02 |
| 3 | 30 | T-7 | 36-37.64 | 122-25.63 | 4 | 36-37.39 | 122-25.03 | 15 July 02 |
| 4 | 31 | T-7 | 36-33.03 | 122-36.66 | 5 | 36-32.42 | 122-35.65 | 16 July 02 |
| 5 | 32 | T-7 | 36-27.26 | 122-46.64 | 6 | 36-27.18 | 122-46.34 | 16 July 02 |
| | 33 | T-4 | 36-22.16 | 122-57.58 | 7 | 36-22.14 | 122-57.50 | 16 July 02 |
| 6 | 34 | T-7 | 36-17.32 | 123-07.97 | 8 | 36-17.10 | 123-07.63 | 16 July 02 |
| 7 | 35 | T-7 | 36-12.59 | 123-19.38 | 9 | 36-12.26 | 123-18.47 | 16 July 02 |
| 8 | 36 | T-7 | 36-07.73 | 123-29.77 | 10 | 36-07.31 | 123-24.11 | 16 July 02 |
| 9 | 37 | T-7 | 35-59.08 | 123-23.05 | 11 | 35-58.63 | 123-22.83 | 16 July 02 |
| 10 | 38 | T-7 | 35-49.89 | 123-16.45 | 12 | 35-50.10 | 123-16.84 | 16 July 02 |
| 11 | 39 | T-4 | 35-40.78 | 123-09.74 | 13 | 35-41.56 | 123-10.54 | 16 July 02 |
| 12 | 40 | T-4 | 35-32.10 | 123-03.69 | 14 | 35-32.92 | 123-04.35 | 16 July 02 |
| 13 | 41 | T-4 | 35-23.92 | 122-57.74 | 15 | 35-24.45 | 122-58.28 | 17 July 02 |
| 14 | 42 | T-4 | 35-16.00 | 122-52.00 | 16 | 35-15.74 | 122-52.02 | 17 July 02 |
| 15 | 43 | T-4 | 35-07.41 | 122-46.63 | 17 | 35-07.23 | 122-46.00 | 17 July 02 |
| 16 | 44 | T-4 | 34-58.04 | 122-41.00 | 18 | 34-58.52 | 122-40.11 | 17 July 02 |
| 17 | 46 | T-4 | 34-50.54 | 122-34.90 | 19 | 34-50.27 | 122-33.56 | 17 July 02 |
| 18 | 47 | T-4 | 34-41.08 | 122-27.82 | 20 | 34-41.66 | 122-27.77 | 17 July 02 |
| 19 | 48 | T-7 | 34-32.69 | 122-21.66 | 21 | 34-32.95 | 122-21.58 | 17 July 02 |
| 20 | 50 | T-7 | 34-23.90 | 122-15.45 | 22 | 34-23.29 | 122-14.85 | 17 July 02 |
| 21 | 52 | T-7 | 34-28.48 | 122-04.90 | 23 | 34-28.28 | 122-04.21 | 17 July 02 |
| 22 | 53 | T-4 | 34-34.08 | 121-53.08 | 24 | 34-33.08 | 121-53.42 | 17 July 02 |
| 23 | 54 | T-7 | 34-39.70 | 121-44.05 | 25 | 34-38.40 | 121-43.38 | 17 July 02 |
| 24 | 55 | T-7 | 34-43.76 | 121-33.41 | 26 | 34-43.46 | 121-32.93 | 18 July 02 |
| 25 | 56 | T-4 | 34-48.14 | 121-23.02 | 27 | 34-48.26 | 121-22.44 | 18 July 02 |
| 26 | 57 | T-4 | 34-50.62 | 121-17.84 | 28 | 34-50.70 | 121-17.25 | 18 July 02 |
| 27 | 58 | T-4 | 34-52.62 | 121-12.45 | 29 | 34-53.30 | 121-11.90 | 18 July 02 |
| 28 | 59 | T-4 | 34-58.97 | 121-01.71 | 31 | 34-58.33 | 121-01.23 | 18 July 02 |

Table A1. *Position and date of CTD and XBT data used in this study. CTD and XBT #'s refer to the number from the cruise report and shown in the following figures. My # refers to the numbering system used in this study for simplification.*

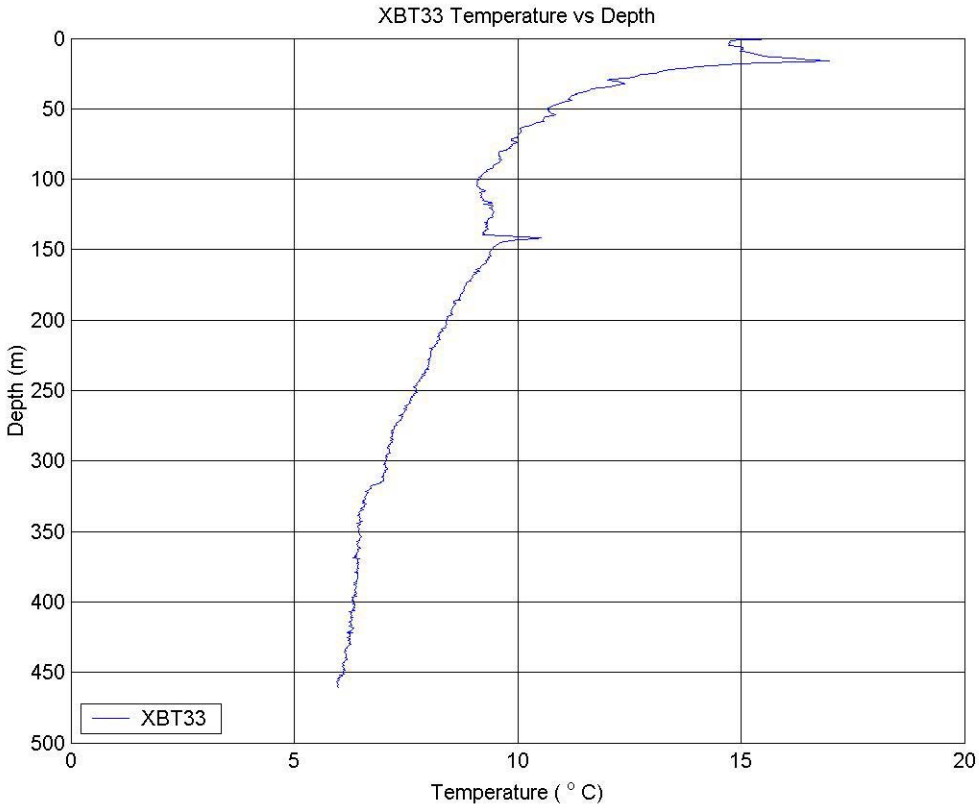
**APPENDIX A**

Location of CTD and XBT Temperature Profiles



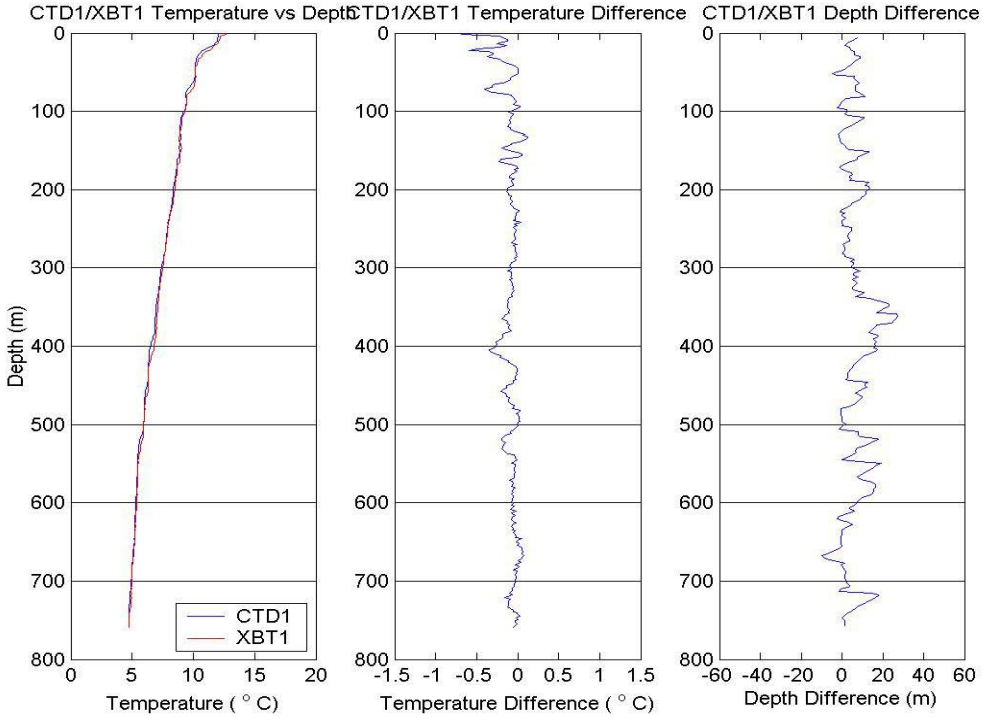
**APPENDIX B**

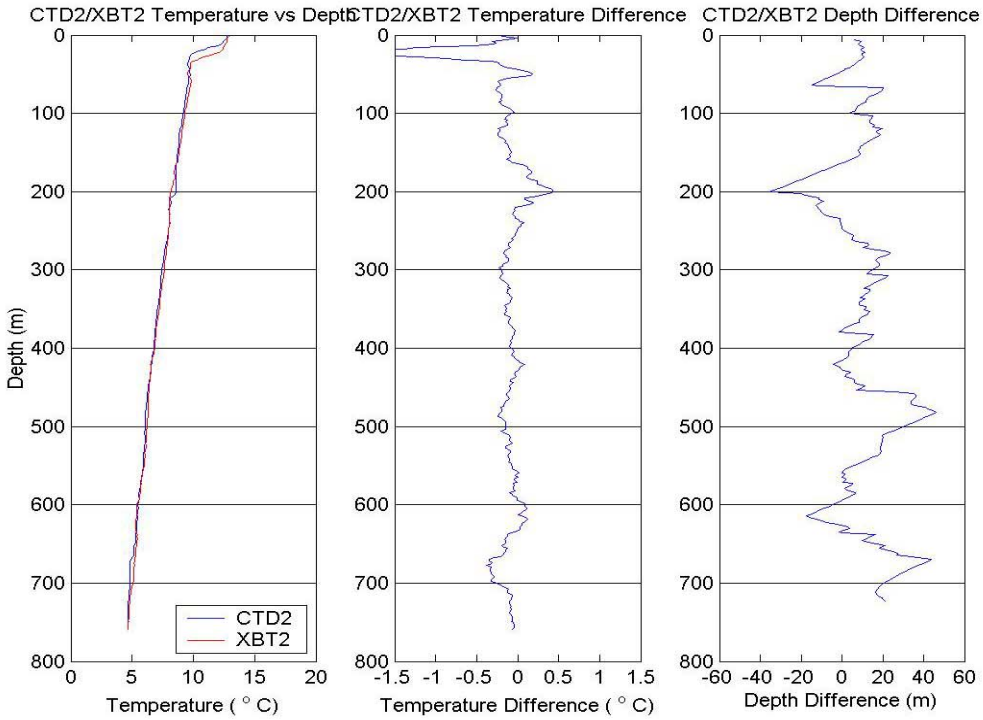
Bad Temperature Profiles Plot



**APPENDIX C**

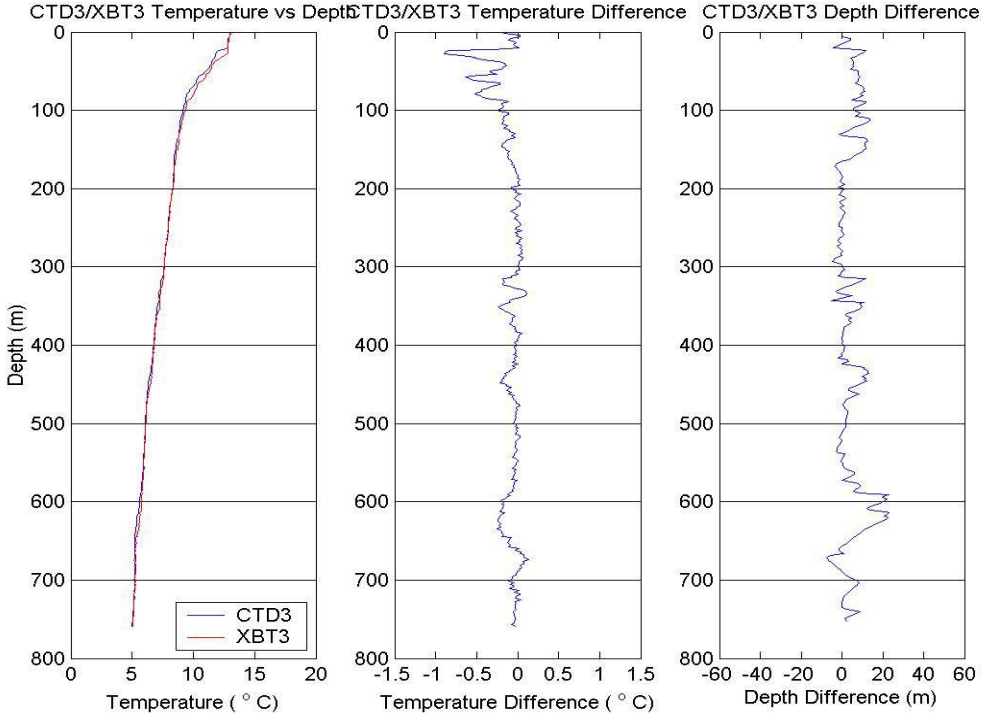
CTD and XBT Temperature Profiles and difference Plots

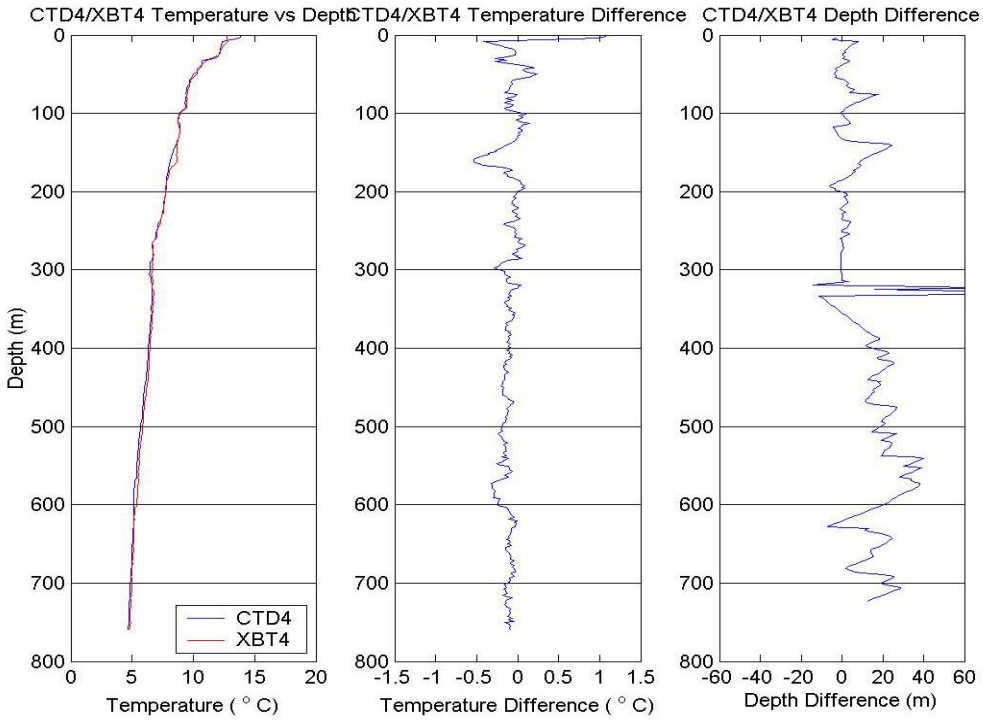


**APPENDIX C**

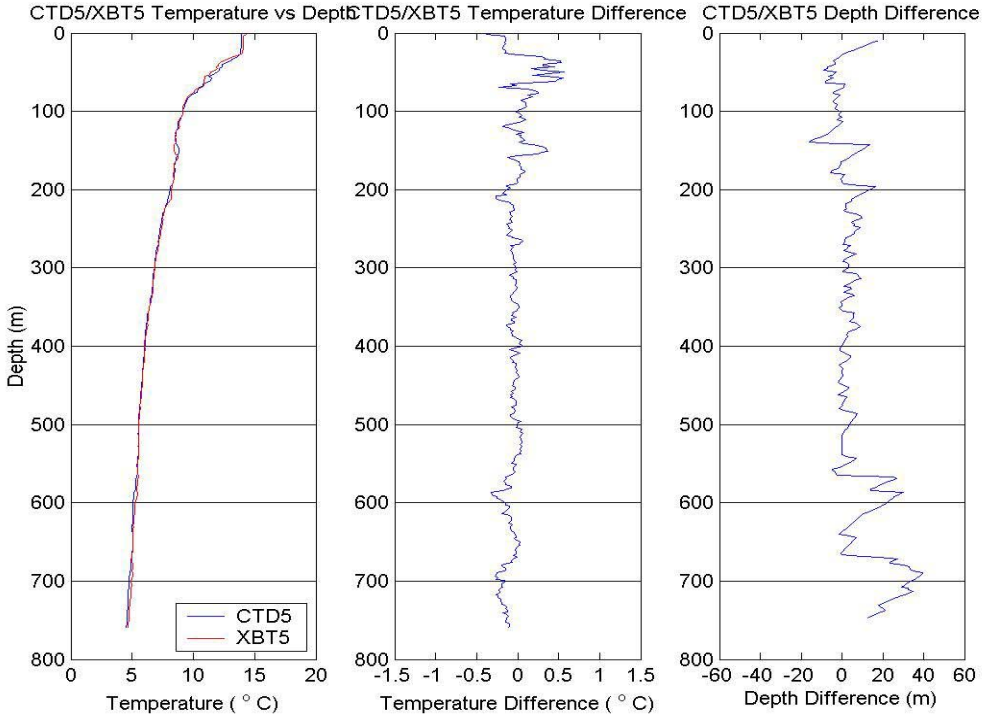
CTD and XBT Temperature Profiles and difference Plots

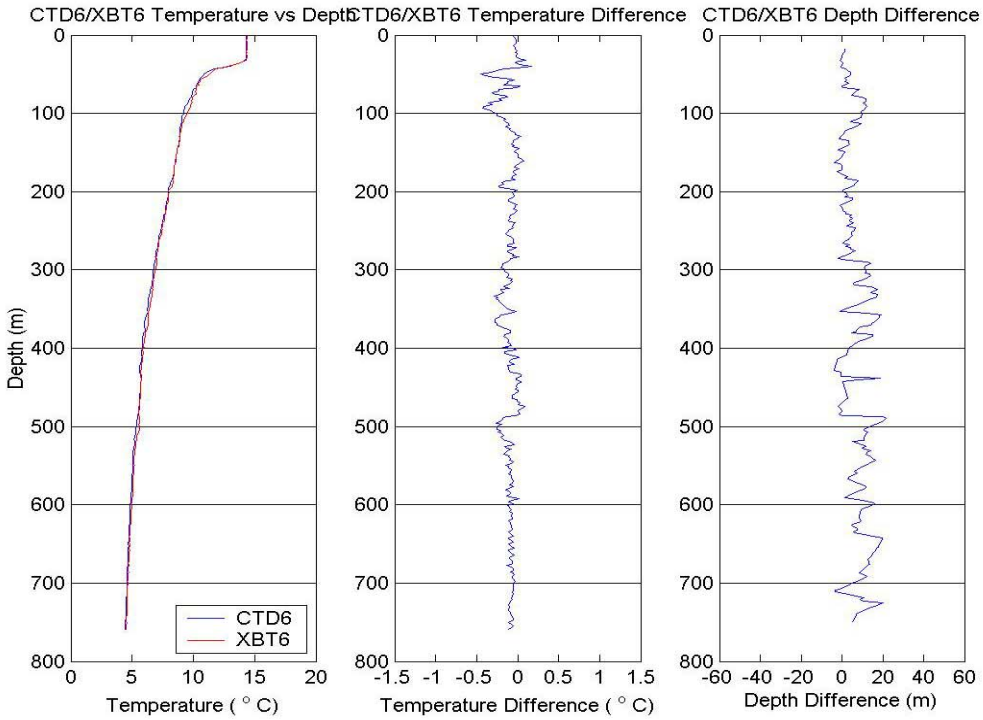


**APPENDIX C**

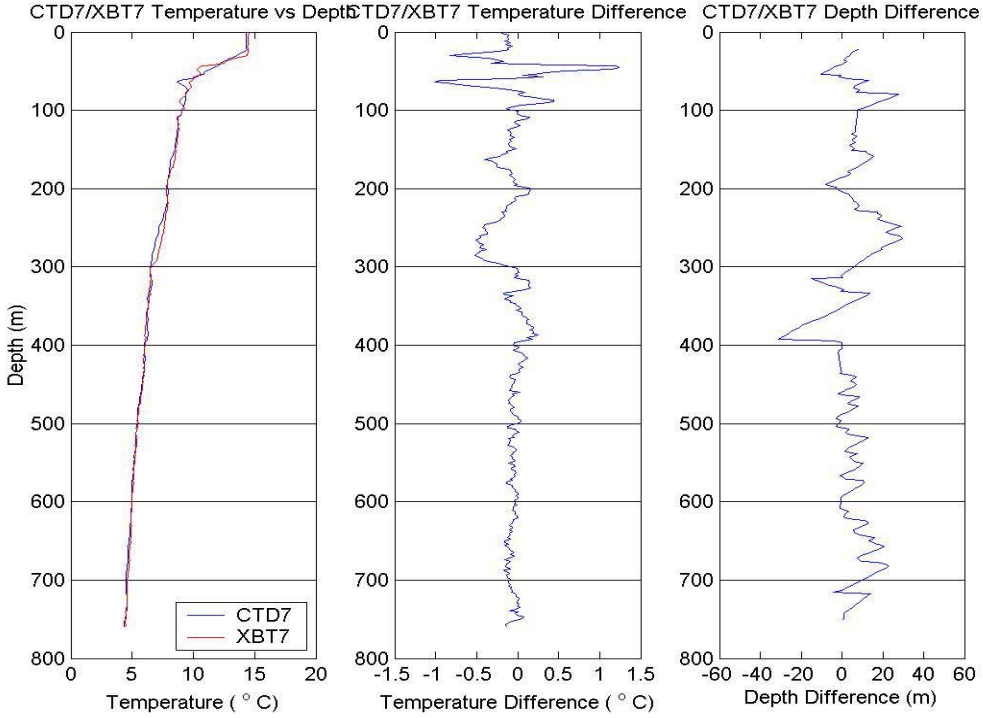
CTD and XBT Temperature Profiles and difference Plots

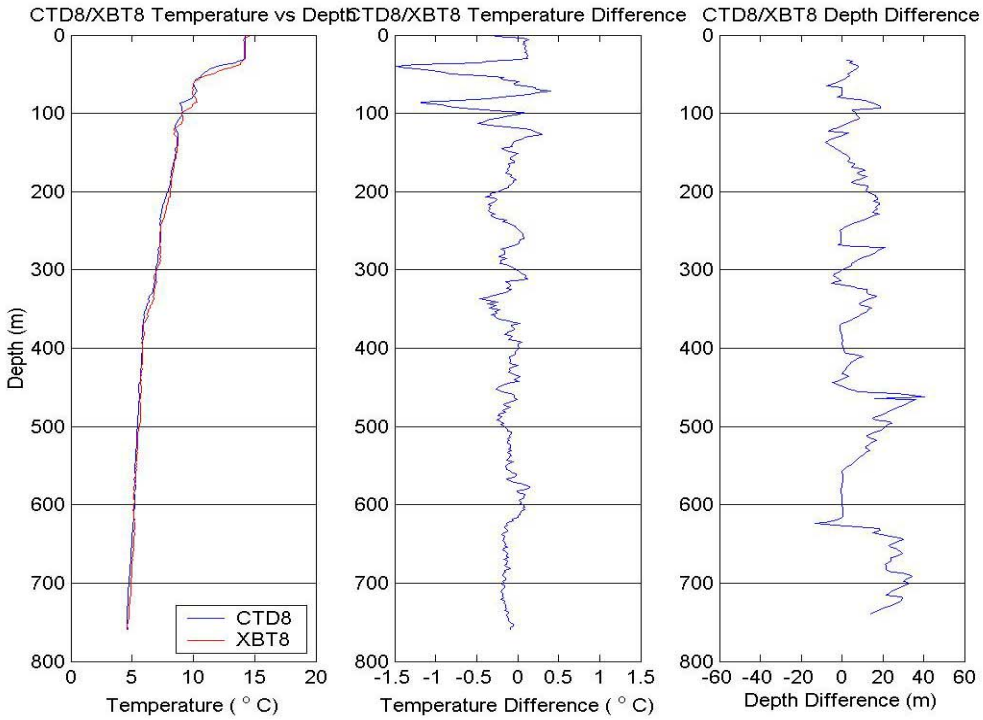


**APPENDIX C**

CTD and XBT Temperature Profiles and difference Plots



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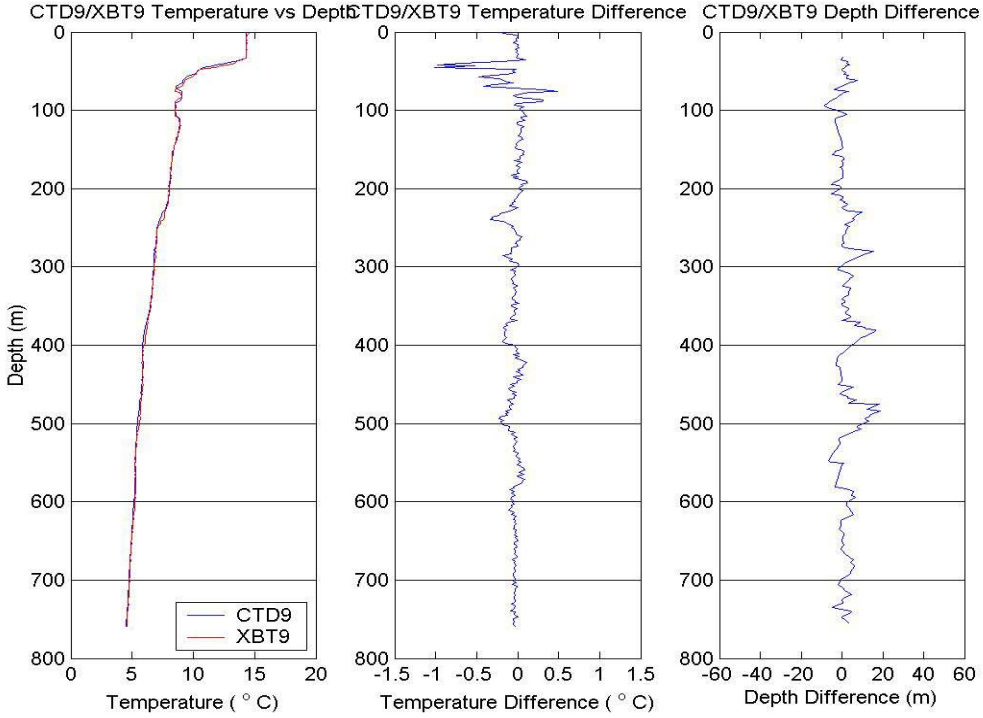
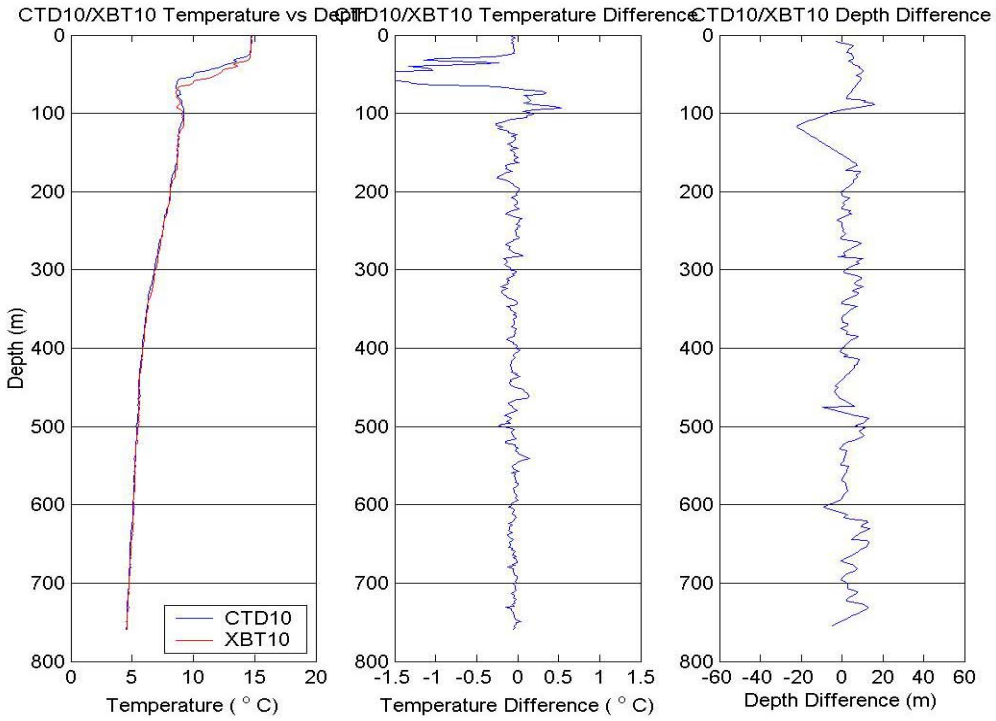
CTD and XBT Temperature Profiles and difference Plots



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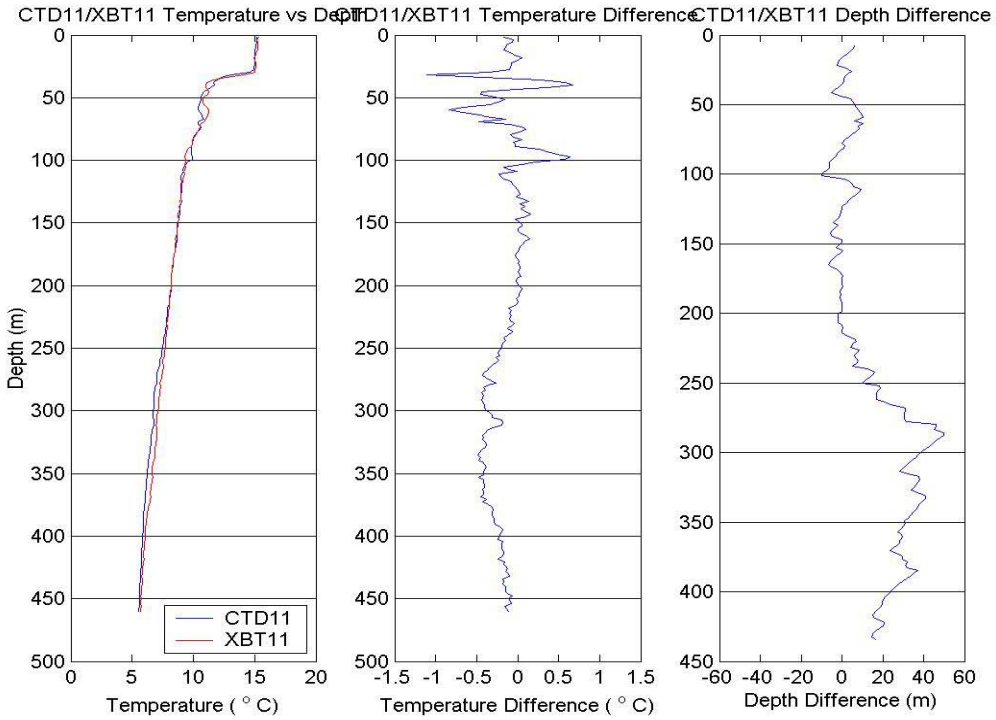
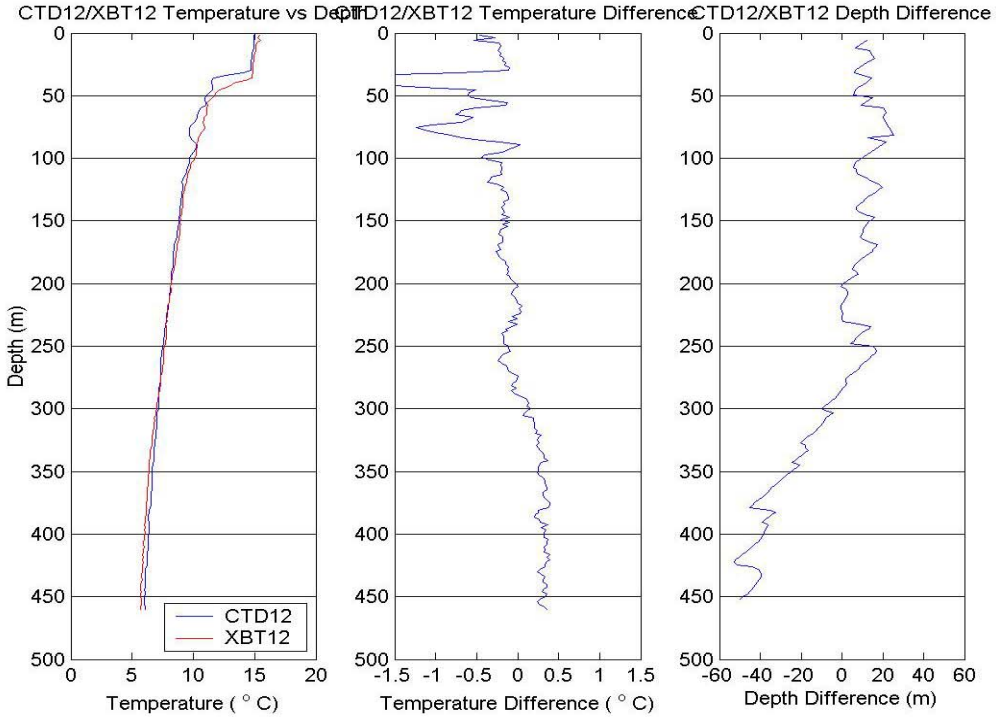
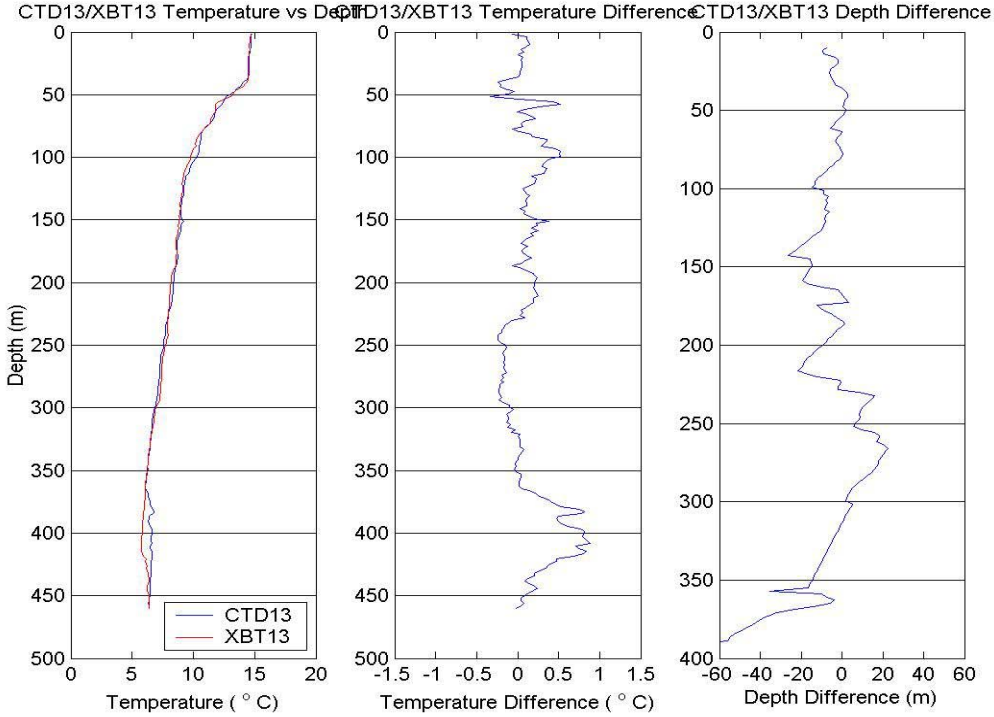
CTD and XBT Temperature Profiles and difference Plots

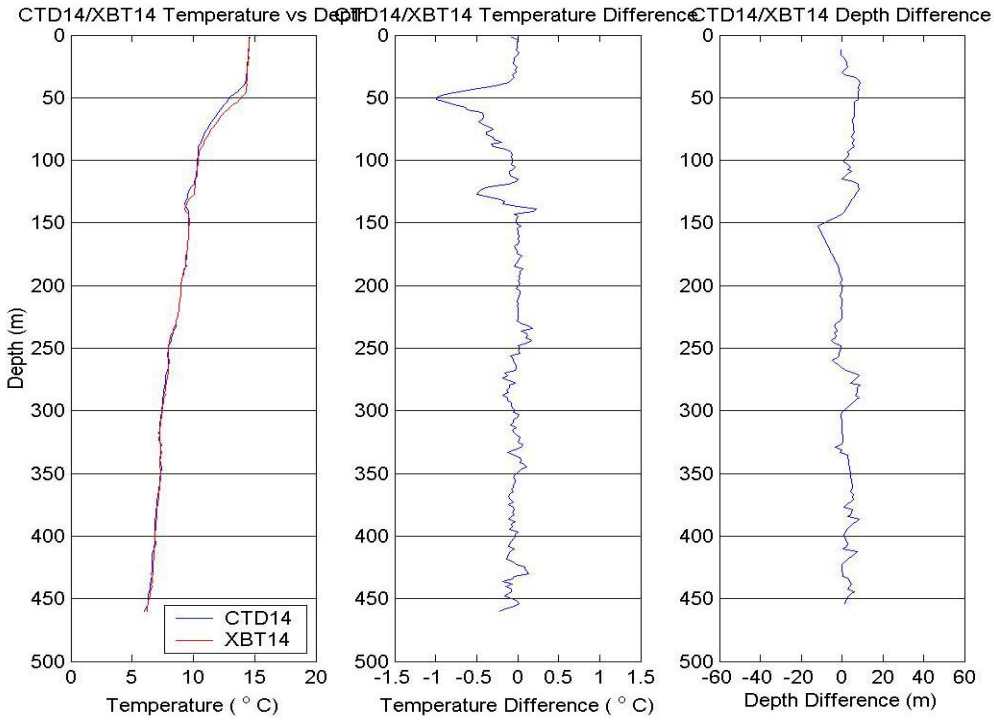


## APPENDIX C

CTD and XBT Temperature Profiles and difference Plots



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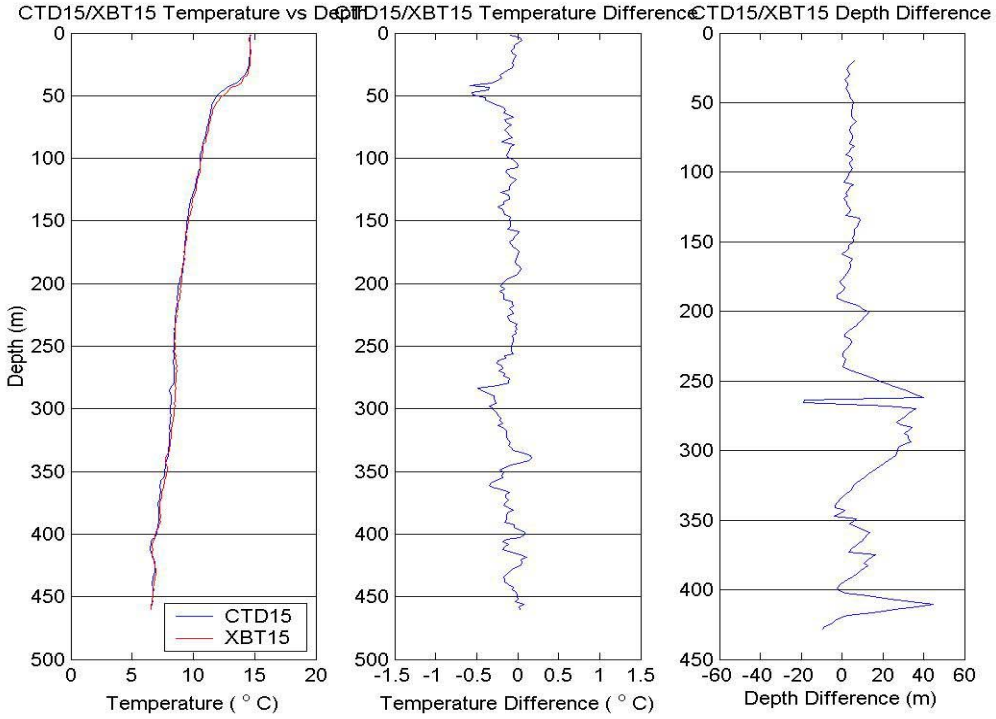


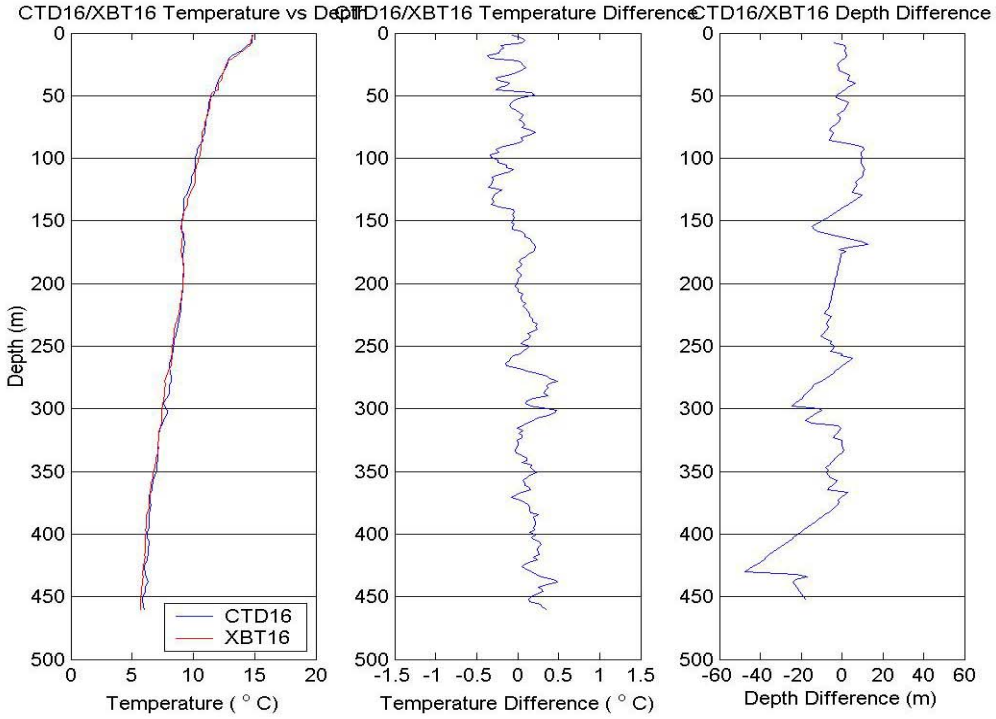

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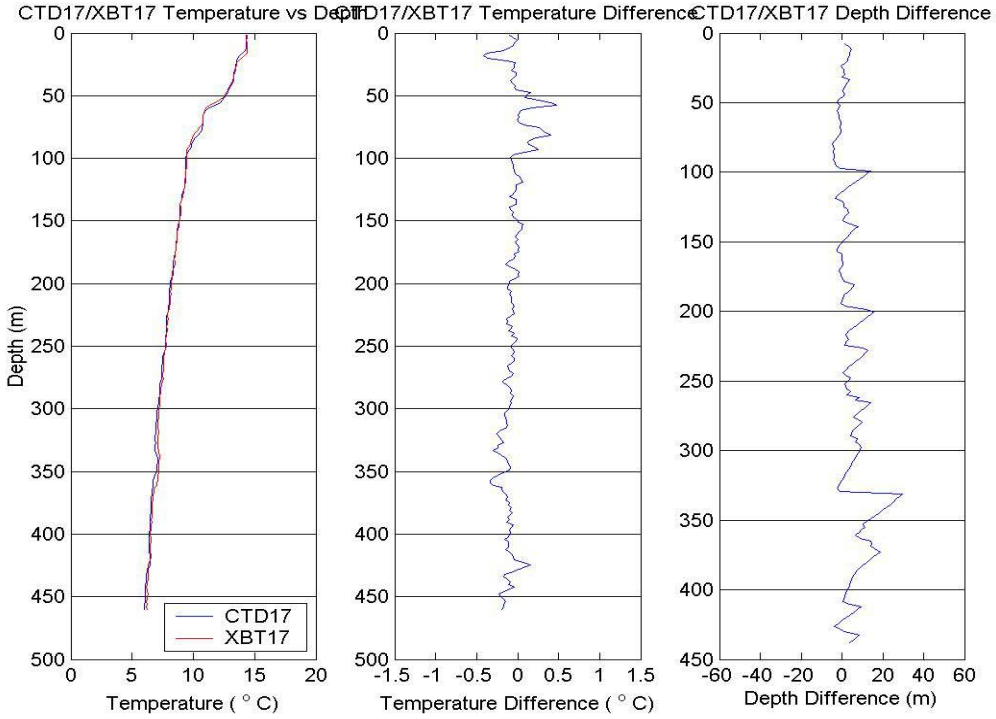
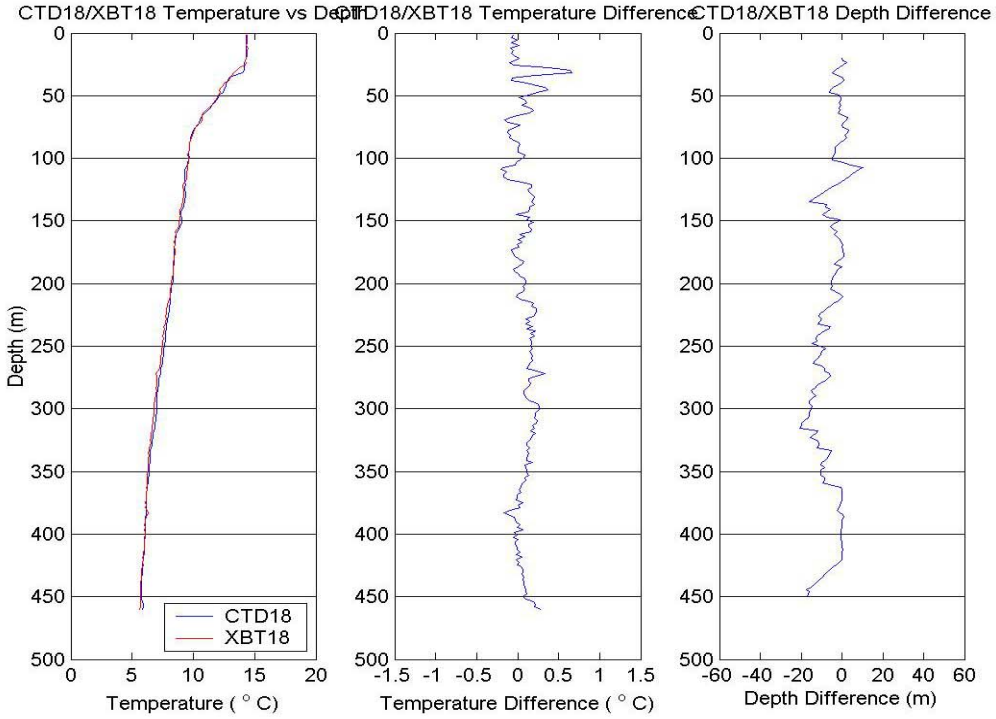
CTD and XBT Temperature Profiles and difference Plots



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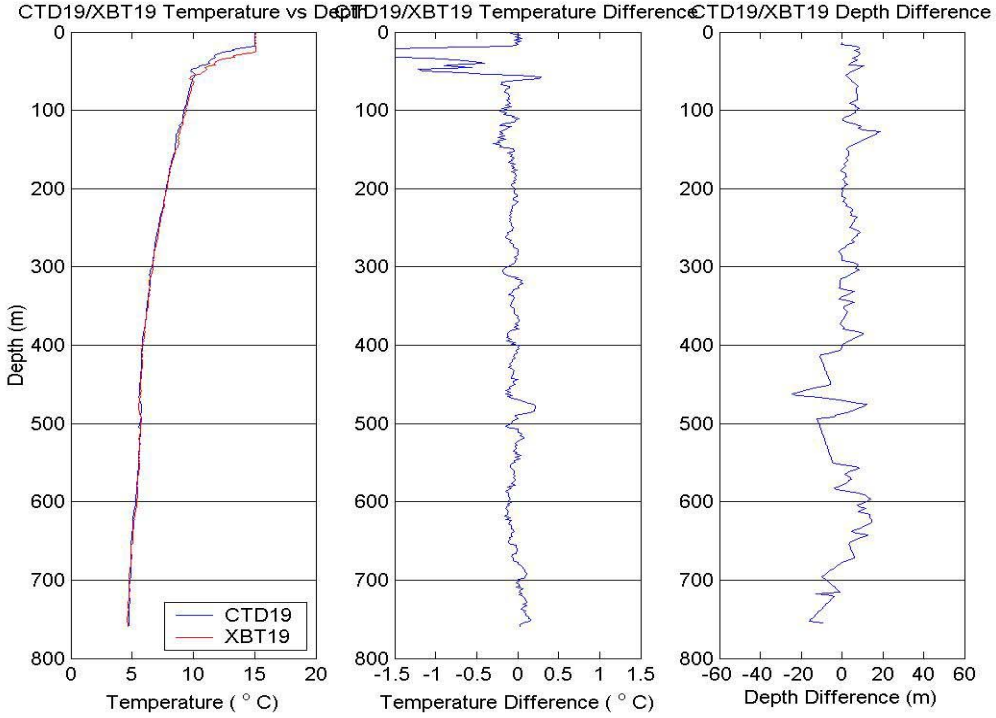


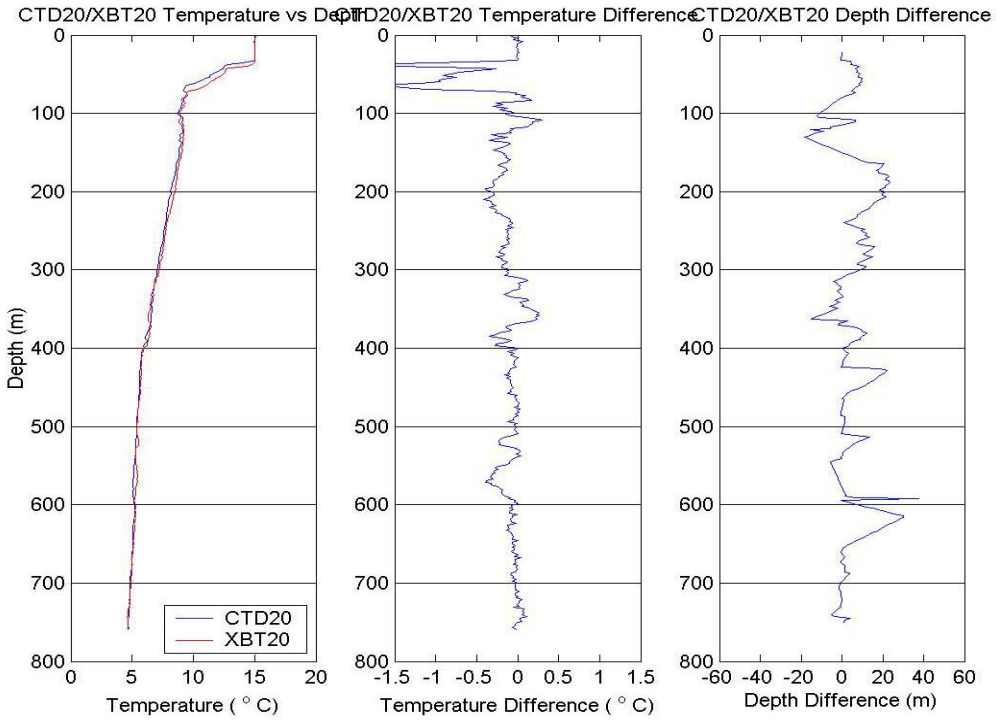

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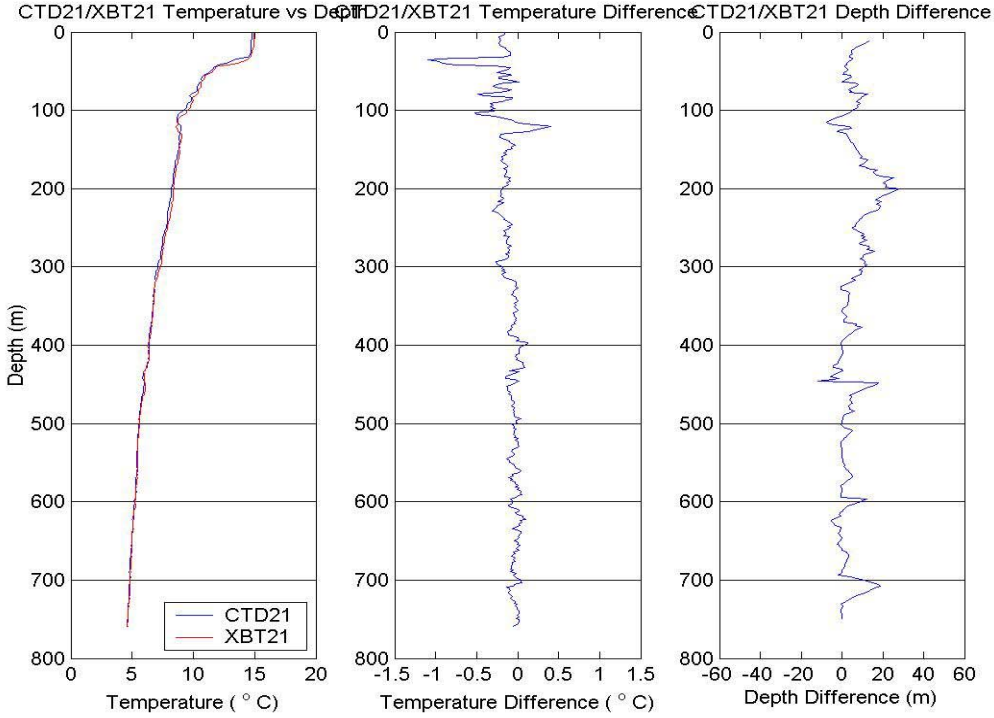


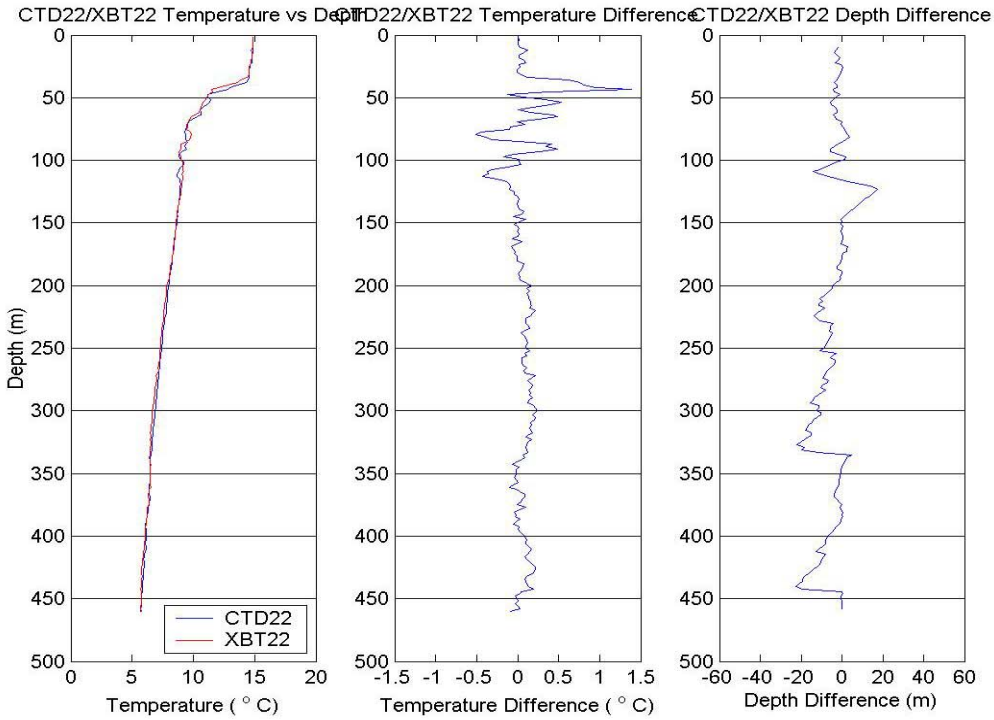

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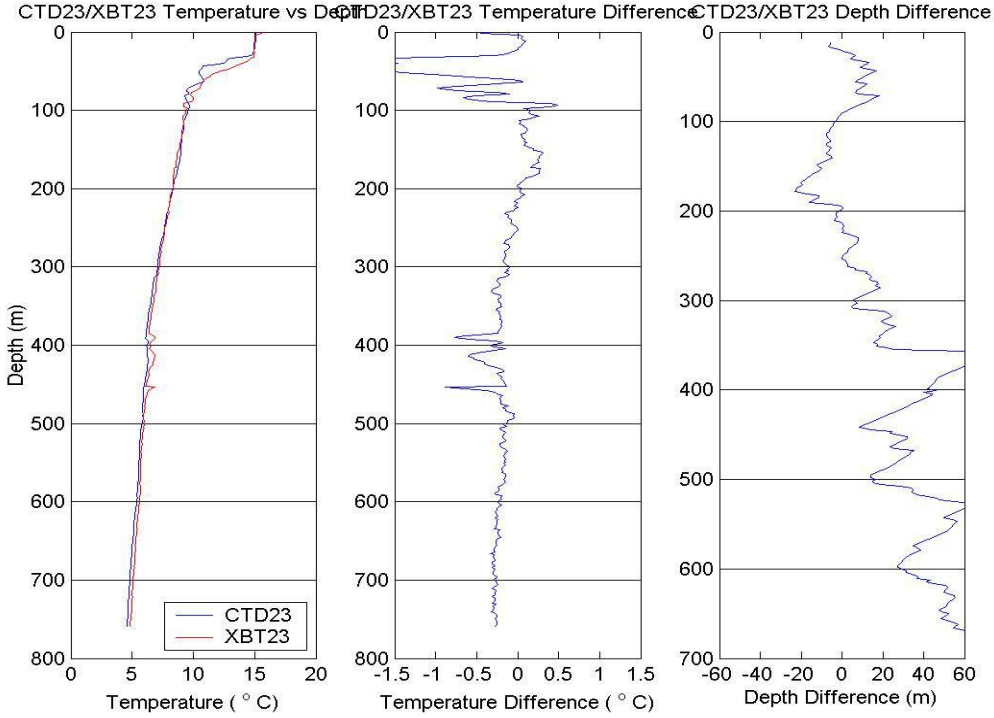


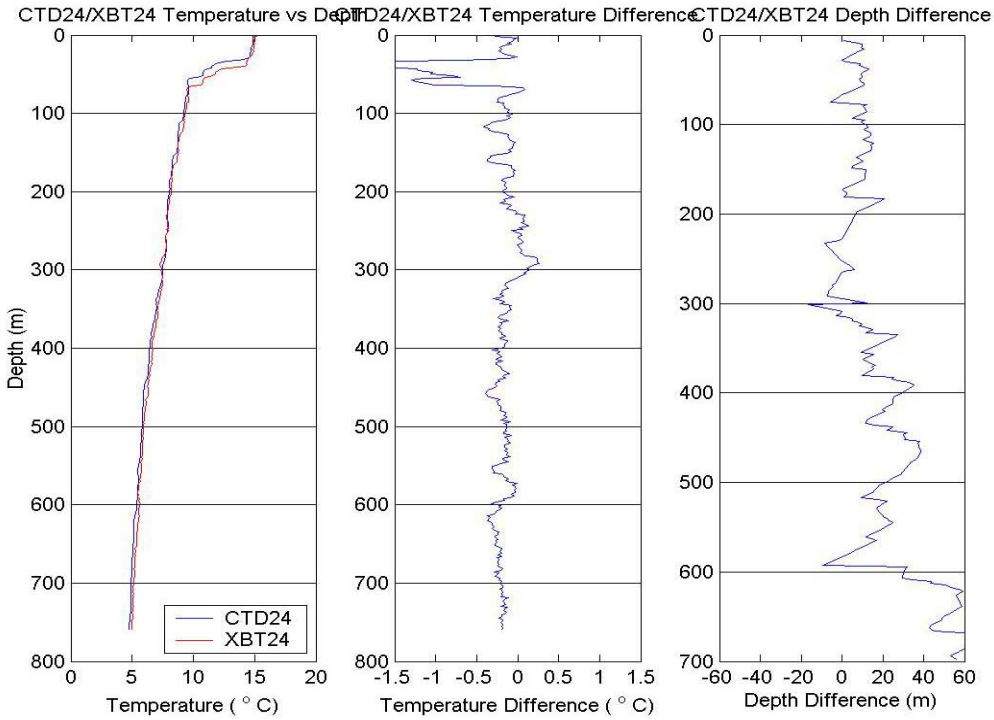

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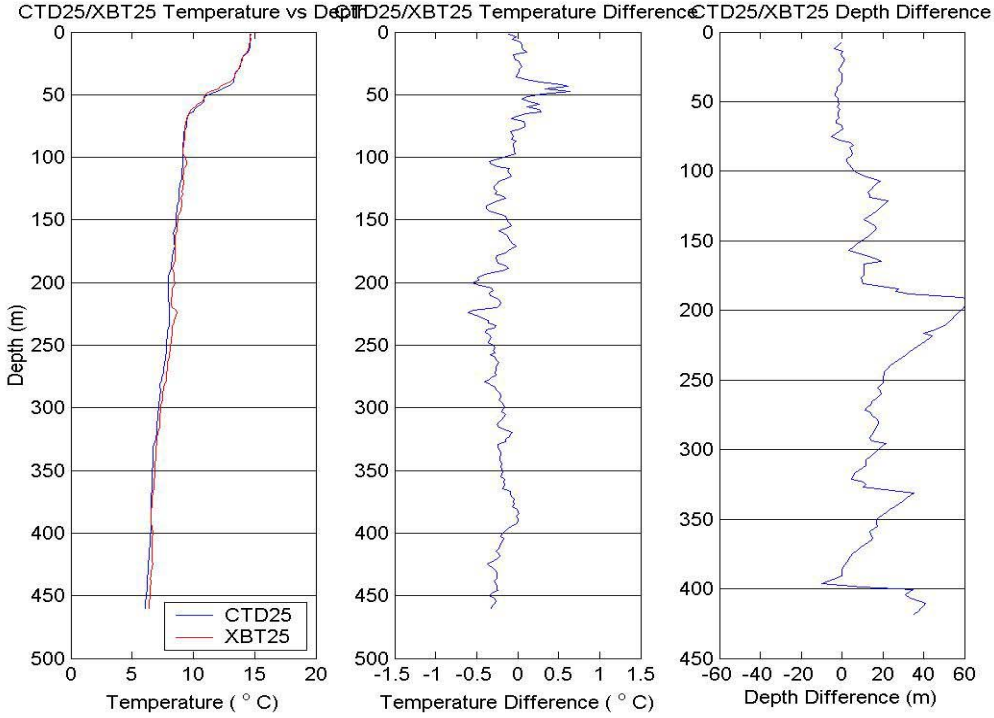


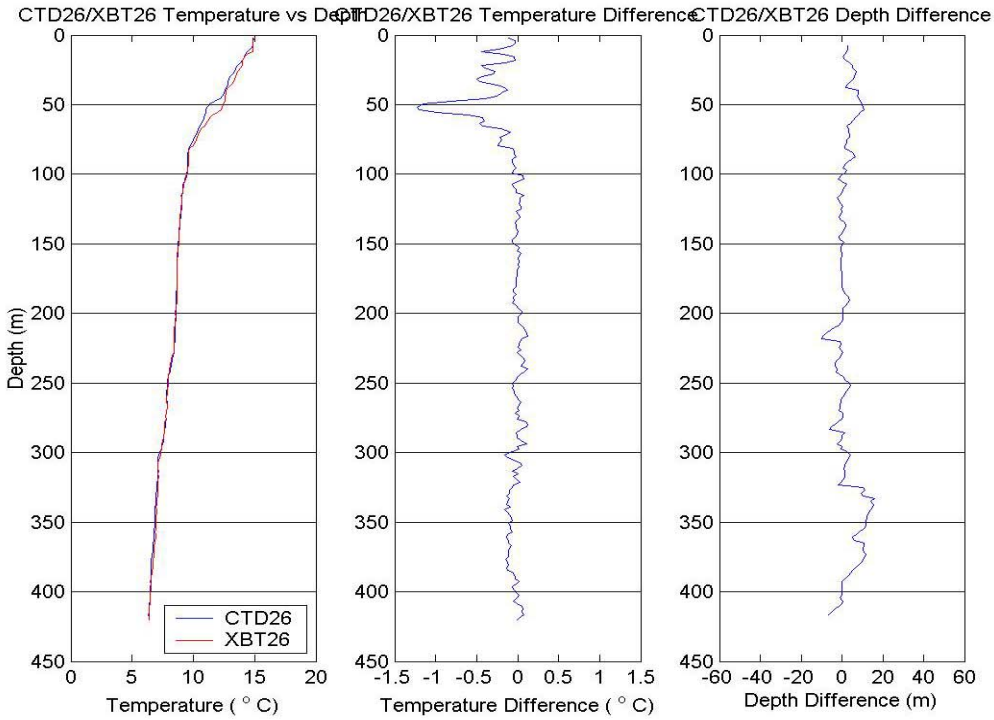

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