Table 1 Expedition and ROV-dive information utilized in this study.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **DIVE** | **Vessel name** | **Cruise Code** | **ROV** | **Date (from)** | **Date (to)** |
| H1509 | Nautilus | NA071 | ROV Hercules | 28.05.2016 | 29.05.2016 |
| J0840 | Thomas G. Thompson | TN238 | ROV Jason 2 | 15.09.2015 | 16.09.2015 |
| J0842 | Thomas G. Thompson | TN238 | ROV Jason 2 | 17.09.2015 | 17.09.2015 |
| J0882 | Sikuliaq | SKQ201608S | ROV Jason 2 | 14.06.2016 | 14.06.2016 |
| OE0107 | CCGS John P. Tully |  | Oceanic Explorer | 04.05.2014 | 05.05.2014 |
| OE0108 | CCGS John P. Tully |  | Oceanic Explorer | 05.05.2014 | 05.05.2014 |
| OE0113 | CCGS John P. Tully |  | Oceanic Explorer | 09.05.2014 | 09.05.2014 |
| OE0114 | CCGS John P. Tully |  | Oceanic Explorer | 09.05.2014 | 10.05.2014 |
| OE0115 | CCGS John P. Tully |  | Oceanic Explorer | 10.05.2014 | 10.05.2014 |
| OE0116 | CCGS John P. Tully |  | Oceanic Explorer | 10.05.2014 | 11.05.2014 |
| OE0117 | CCGS John P. Tully |  | Oceanic Explorer | 11.05.2014 | 11.05.2014 |
| OE0118 | CCGS John P. Tully |  | Oceanic Explorer | 11.05.2014 | 11.05.2014 |
| OE0119 | CCGS John P. Tully |  | Oceanic Explorer | 12.05.2014 | 12.05.2014 |
| OE0120 | CCGS John P. Tully |  | Oceanic Explorer | 12.05.2014 | 13.05.2014 |
| OE0239 | CCGS John P. Tully |  | Oceanic Explorer | 10.03.2020 | 10.03.2020 |
| R0996 | CCGS John P. Tully |  | ROPOS | 08.08.2006 | 10.08.2006 |
| R1140 | CCGS John P. Tully |  | ROPOS | 24.06.2008 | 25.06.2008 |
| R1141 | CCGS John P. Tully |  | ROPOS | 25.06.2008 | 25.06.2008 |
| R1142 | CCGS John P. Tully |  | ROPOS | 26.06.2008 | 26.06.2008 |
| R1211 | Atlantis | AT15-49 | ROPOS | 13.07.2009 | 13.07.2009 |
| R1222 | Atlantis | AT15-49 | ROPOS | 26.07.2009 | 27.07.2009 |
| R1242 | Thomas G. Thompson | TN239 | ROPOS | 27.08.2009 | 27.08.2009 |
| R1243 | Thomas G. Thompson | TN239 | ROPOS | 28.08.2009 | 28.08.2009 |
| R1253 | Thomas G. Thompson | TN239 | ROPOS | 10.09.2009 | 10.09.2009 |
| R1254 | Thomas G. Thompson | TN239 | ROPOS | 10.09.2009 | 11.09.2009 |
| R1255 | Thomas G. Thompson | TN239 | ROPOS | 11.09.2009 | 11.09.2009 |
| R1266 | Thomas G. Thompson | TN239 | ROPOS | 19.09.2009 | 20.09.2009 |
| R1321 | CCGS John P. Tully |  | ROPOS | 16.05.2010 | 16.05.2010 |
| R1322 | CCGS John P. Tully |  | ROPOS | 16.05.2010 | 16.05.2010 |
| R1324 | CCGS John P. Tully |  | ROPOS | 17.05.2010 | 17.05.2010 |
| R1327 | CCGS John P. Tully |  | ROPOS | 19.05.2010 | 19.05.2010 |
| R1361 | Thomas G. Thompson | TN254 | ROPOS | 13.09.2010 | 13.09.2010 |
| R1433 | Thomas G. Thompson | TN266 | ROPOS | 14.07.2011 | 14.07.2011 |
| R1434 | Thomas G. Thompson | TN266 | ROPOS | 14.07.2011 | 14.07.2011 |
| R1437 | Thomas G. Thompson | TN266 | ROPOS | 15.07.2011 | 15.07.2011 |
| R1445 | Thomas G. Thompson | TN266 | ROPOS | 20.07.2011 | 20.07.2011 |
| R1483 | Thomas G. Thompson | TN269 | ROPOS | 17.09.2011 | 18.09.2011 |
| R1484 | Thomas G. Thompson | TN269 | ROPOS | 18.09.2011 | 19.09.2011 |
| R1485 | Thomas G. Thompson | TN269 | ROPOS | 19.09.2011 | 20.09.2011 |
| R1546 | Thomas G. Thompson | TN282 | ROPOS | 29.05.2012 | 30.05.2012 |
| R1548 | Thomas G. Thompson | TN282 | ROPOS | 30.05.2012 | 31.05.2012 |
| R1549 | Thomas G. Thompson | TN282 | ROPOS | 31.05.2012 | 01.06.2012 |
| R1550 | Thomas G. Thompson | TN282 | ROPOS | 01.06.2012 | 01.06.2012 |
| R1552 | Thomas G. Thompson | TN282 | ROPOS | 02.06.2012 | 02.06.2012 |
| R1553 | Thomas G. Thompson | TN282 | ROPOS | 02.06.2012 | 02.06.2012 |
| R1572 | Thomas G. Thompson | TN282 | ROPOS | 24.06.2012 | 24.06.2012 |
| R1573 | Thomas G. Thompson | TN282 | ROPOS | 25.06.2012 | 25.06.2012 |
| R1650 | Falkor | FK009B | ROPOS | 10.09.2013 | 11.09.2013 |
| R1651 | Falkor | FK009B | ROPOS | 11.09.2013 | 12.09.2013 |
| R1652 | Falkor | FK009B | ROPOS | 12.09.2013 | 12.09.2013 |
| H1584 | Nautilus | NA081 | Hercules | 20.06.2017 | 20.06.2017 |
| H1585 | Nautilus | NA081 | Hercules | 20.06.2017 | 20.06.2017 |
| H1702 | Nautilus | NA098 | Hercules | 01.08.2018 | 01.08.2018 |
| H1703 | Nautilus | NA098 | Hercules | 02.08.2018 | 02.08.2018 |
| OY023 | CCGS John P. Tully |  | Odysseus | 17.05.2019 | 17.05.2019 |
| OE0239 | CCGS John P. Tully |  | Oceanic Explorer | 10.03.2020 | 10.03.2020 |
| H1879 | Nautilus | NA129 | Hercules | 20.08.2021 | 20.08.2021 |
| T1016 – T1022 | Western Flyer |  | Tiburon | 10.08.2006 | 17.08.2006 |
| DR-059 | Western Flyer |  | Doc Ricketts | 05.08.2009 14:30 | 06.08.2009 00:30 |
| DR-272  -273  -274  -279 | Western Flyer |  | Doc Ricketts | 12.08.2011 | 17.08.2011 |
| PGC0103  *Ventflux-2* | CCGS John P. Tully |  | 2001 | Single channel seismic imaging, piston coring | |
| PGC0304  *Boffins* | CCGS John P. Tully |  | 2003 | Single channel seismic imaging | |
| PGC0807 | CCGS John P. Tully |  | August 2008 | Coring, water-column EK60 imaging, piston coring | |
|  | Ocean Selector |  | November 2000 | Bottom trawl | |
|  | CCGS John P. Tully | ROPOS | August 2002 |  |  |
|  | CCGS John P. Tully | ROPOS | 2003 |  |  |