

# Walrus Movements in Smith Sound: A Canada–Greenland Shared Stock

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## APPENDIX 1

TABLE S1. List of walrus tagged in Smith Sound from 2010 to 2015.

| PTT ID # | Transmitter | Date         | Tagging locality   | Position                 | Sex, pod size, age group            | Number of transmissions | Days of deployment |
|----------|-------------|--------------|--------------------|--------------------------|-------------------------------------|-------------------------|--------------------|
| 46106    | MK10        | 2 June 2010  | Murchison Sound    | 8 nm N of Kiatak         | ♀, pod of 3                         | 21251                   | 178                |
| 46107    | MK10        | 2 June 2010  | Murchison Sound    |                          |                                     |                         |                    |
| 46108    | MK10        | 2 June 2010  | Murchison Sound    | 4 nm N of Kiatak         | ♀ with calf, adult                  | 11814                   | 85                 |
| 46109    | MK10        | 2 June 2010  | Murchison Sound    | 8 nm N of Kiatak         |                                     | 6759                    | 28                 |
| 46110    | MK10        | 2 June 2010  | Murchison Sound    | 8 nm N of Kiatak         | ♂, single, 10 yr                    | 10613                   | 87                 |
| 46113    | MK10        | 2 June 2010  | Murchison Sound    | 8 nm N of Kiatak         | ♀, pod of 3 with #46114             | 10688                   | 71                 |
| 46114    | MK10        | 2 June 2010  | Murchison Sound    | 8 nm N of Kiatak         |                                     | 701                     | 3                  |
| 46115    | MK10        | 2 June 2010  | Murchison Sound    | 8 nm N of Kiatak         |                                     | 13414                   | 278                |
| 20166    | MK10        | 7 June 2011  | South of Kiatak    |                          |                                     | 436                     |                    |
| 20684    | MK10        | 7 June 2011  | South of Kiatak    | ca. 200 m from #46106    |                                     | 6859                    | 23                 |
| 20688    | MK10        | 8 June 2011  | South of Kiatak    | 77°28'34" N, 72°39'52" W | ♀ with calf, adult                  | 10919                   | 147                |
| 46117    | MK10        | 7 June 2011  | South of Kiatak    | 77°27'16" N, 72°30'14" W | ♂, subadult                         | 10772                   | 23                 |
| 46147    | MK10        | 7 June 2011  | South of Kiatak    | 77°27'16" N, 72°30'14" W | ♂, subadult                         |                         |                    |
| 46159    | MK10        | 7 June 2011  | South of Kiatak    | 77°27'16" N, 72°30'14" W | ♂, subadult                         |                         |                    |
| 46160    | MK10        | 8 June 2011  | South of Kiatak    | 77°28'35" N, 72°39'52" W | < 10 yrs                            | 10772                   | 111                |
| 46162    | MK10        | 7 June 2011  | South of Kiatak    | ca. 200 m from #46106    |                                     | 5014                    | 73                 |
| 46163    | MK10        | 7 June 2011  | South of Kiatak    | 77°30'12" N, 72°31'20" W | ♀ with calf, adult                  | 6450                    | 60                 |
| 46164    | MK10        | 7 June 2011  | South of Kiatak    | ca. 200 m from #46106    |                                     | 11067                   | 85                 |
| 46116    | MK10        | 13 June 2011 | South of Kiatak    |                          |                                     |                         |                    |
| 46118    | MK10        | 23 May 2012  | South of Kiatak    | 77°00'19" N, 71°20'51" W | ♀, single                           | 4748                    | 14                 |
| 46155    | MK10        | 23 May 2012  | South of Kiatak    | 77°02'25" N, 71°21'22" W | ♀, pod of 3, with #20167 and #20685 | 20510                   | 101                |
| 20165    | MK10        | 24 May 2012  | South of Kiatak    | 77°05'36" N, 71°20'33" W | ♂, adult                            | 12760                   | 92                 |
| 20167    | MK10        | 23 May 2012  | South of Kiatak    | 77°02'38" N, 71°21'14" W | ♀, pod of 3, with #46155 and #20685 | 10468                   | 60                 |
| 20685    | MK10        | 23 May 2012  | South of Kiatak    | 77°02'28" N, 71°21'14" W | ♀, 2-3 yrs                          | 4174                    | 70                 |
| 20689    | MK10        | 24 May 2012  | South of Kiatak    | 77°01'22" N, 71 29'11" W |                                     | 1004                    | 9                  |
| 7934     | MK10        | 14 June 2012 | Etah               | 78°38'32" N, 72°28'51" W |                                     | 13459                   | 75                 |
| 20160    | MK10        | 14 June 2012 | Etah               | 78°33'08" N, 72°18'31" W |                                     | 1630                    | 4                  |
| 20169    | MK10        | 14 June 2012 | Etah               | 78°31'16" N, 72°20'28" W |                                     | 15615                   | 92                 |
| 46116    | MK10        | 14 June 2012 | Etah               | 78°19'52" N, 72°53'36" W |                                     | 3399                    | 14                 |
| 6337     | SPOT5       | 10 June 2013 | Etah               | 78°16'58" N, 72°48'28" W | ♀ with calf, adult                  | 2944                    | 55                 |
| 7926     | SPOT5       | 10 June 2013 | Etah               | 78°11'48" N, 72°49'42" W |                                     | 2176                    | 40                 |
| 7927     | SPOT5       | 10 June 2013 | Etah               | 78°11'48" N, 72°49'42" W | adult                               | 1408                    | 27                 |
| 7928     | SPOT5       | 10 June 2013 | Etah               | 78°11'48" N, 72°49'42" W | ♀, adult                            | 5760                    | 107                |
| 7929     | SPOT5       | 10 June 2013 | Etah               | 78°11'48" N, 72°49'42" W |                                     | 1920                    | 31                 |
| 7930     | SPOT5       | 10 June 2013 | Etah               | 78°11'48" N, 72°49'42" W |                                     | 2432                    | 43                 |
| 20683    | MK10        | 9 June 2013  | Etah               | 78°17'14" N, 72°48'24" W | ♂, adult                            | 18966                   | 126                |
| 20158    | MK10        | 9 June 2013  | Etah               | 78°17'14" N, 72°48'24" W | ♂, adult                            | 13567                   | 155                |
| 21800    | MK10        | 31 May 2015  | Wolstenholme Fjord | 76°36'58" N, 69°22'32" W | ♂, pod of 10–15, subadult           | 1664                    |                    |
| 21802    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°35'19" N, 69°22'32" W | ♂, pod of 2, adult                  | 1152                    | 28                 |
| 21803    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°53'81" N, 69°50'70" W | ♂, single, adult                    | 25728?                  |                    |
| 22849    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°31'58" N, 69°30'48" W | ♂ with #24638 and #24639            | 3712                    | 72                 |
| 22850    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°54'84" N, 69°47'53" W | ♂                                   | 1152                    | 47                 |
| 22853    | SN-275B     | 31 May 2015  | Wolstenholme Fjord |                          | —                                   | 4224                    | 48                 |
| 22854    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°34'52" N, 69°23'53" W | ♂                                   | 1920                    | 55                 |
| 24638    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°31'58" N, 69°30'48" W | ♂ with #24639 and #24849            | 1664                    | 63                 |
| 24639    | SN-275B     | 31 May 2015  | Wolstenholme Fjord | 76°31'58" N, 69°30'48" W | ♂ with #24638 and #22849            | 4480                    | 32                 |
| 24640    | SN-275B     | 30 May 2015  | Wolstenholme Fjord |                          | ♀ with calf, pod of 2               | 2432                    | 85                 |
| 24641    | SN-275B     | 2 June 2015  | Murchison Sound    | 77°21'13" N, 71°08'28" W | ♂?, pod of 2, subadult              |                         |                    |
| 24642    | SN-240C     | 31 May 2015  | Wolstenholme Fjord |                          | ♂, subadult                         | 1664                    | 36                 |
| 26712    | SN-240C     | 31 May 2015  | Wolstenholme Fjord | 76°31'21" N, 69°23'24" W | ♂, pod of 2, in water               | 3456                    | 64                 |
| 26715    | SN-240C     | 31 May 2015  | Wolstenholme Fjord |                          | ♂, pod of 2, adult?, in water       | 8832                    | 76                 |

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TABLE S1. List of walrus tagged in Smith Sound from 2010 to 2015 – *continued*:

| PTT ID # | Transmitter | Date        | Tagging locality   | Position                 | Sex, pod size, age group | Number of transmissions | Days of deployment |
|----------|-------------|-------------|--------------------|--------------------------|--------------------------|-------------------------|--------------------|
| 27258    | SN-240C     | 31 May 2015 | Wolstenholme Fjord |                          | –                        | 7808                    | 81                 |
| 27259    | SN-240C     | 31 May 2015 | Wolstenholme Fjord | 76°32'08" N, 69°31'12" W | ♂, on ice                | 2176                    | 55                 |
| 37282    | SN-240C     | 31 May 2015 | Wolstenholme Fjord | 76°31'09" N, 69°28'07" W | ?                        | 7040                    | 52                 |
| 50678    | SN-240C     | 31 May 2015 | Wolstenholme Fjord | 76°53'78" N, 69°50'63" W | ♂, pod of 6, adult       | 7040                    | 56                 |
| 50681    | SN-240C     | 31 May 2015 | Wolstenholme Fjord | 76°31'21" N, 69°23'24" W | ♂, pod of 9, subadult    | 6016                    | 60                 |
| 50682    | SN-240C     | 31 May 2015 | Wolstenholme Fjord | 76°30'31" N, 69°28'52" W | pod of 9                 | 5248                    | 52                 |
| 50683    | SN-240C     | 31 May 2015 | Wolstenholme Fjord |                          | –                        | 1664                    | 60                 |