Table 1
Details on Occurrences, Losses and Vessels Involved

|  |      | Septemb   |                      | January to September |            |                      |
|--|------|-----------|----------------------|----------------------|------------|----------------------|
|  | 2013 | 2012      | 2008-2012<br>Average | 2013                 | 2012       | 2008-2012<br>Average |
| Total Marine Accidents                 | 21   | 20        | 31                   | 209                  | 209        | 268                  |
| Shipping Accidents                     | 17   | 18        | 26                   | 171                  | 170        | 230                  |
| Collision                              | 1    | 0         | 1                    | 6                    | 4          | 9                    |
| Capsizing                              | 2    | 2         | 1                    | 5                    | 5          | 6                    |
| Foundering/Sinking                     | 1    | 2         | 1                    | 9                    | 12         | 15                   |
| Fire/Explosion                         | 0    | 2         | 4                    | 22                   | 22         | 38                   |
| Grounding                              | 6    | 4         | 8                    | 41                   | 43         | 62                   |
| Striking                               | 3    | 5         | 5                    | 33                   | 44         | 39                   |
| Ice damage                             | 0    | 0         | 0                    | 5                    | 1          | 3                    |
| Propeller/Rudder/Structural damage     | 0    | 1         | 1                    | 10                   | 7          | 12                   |
| Flooding                               | 2    | 2         | 2                    | 23                   | 14         | 21                   |
| Other                                  | 2    | 0         | 1                    | 17                   | 18         | 24                   |
| Accidents Aboard Ship                  | 4    | 2         | 4                    | 38                   | 39         | 38                   |
| Vessels Involved in Shipping Accidents | 23   | 20        | 30                   | 196                  | 191        | 256                  |
| By Type of Vessel                      |      |           |                      |                      |            |                      |
| Cargo                                  | 0    | 0         | 1                    | 9                    | 20         | 15                   |
| Bulk carrier/OBO                       | 0    | 3         | 4                    | 20                   | 27         | 32                   |
| Tanker                                 | 1    | 0         | 0                    | 4                    | 4          | 7                    |
| Tug                                    | 5    | 1         | 1                    | 21                   | 23         | 19                   |
| Barge                                  | 5    | 2         | 2                    | 11                   | 5          | 14                   |
| Ferry                                  | 0    | 1         | 2                    | 7                    | 10         | 18                   |
| Passenger                              | 1    | 2         | 2                    | 14                   | 12         | 13                   |
| Fishing                                | 7    | 10        | 13                   | 77                   | 75         | 104                  |
| Service vessel                         | 3    | 0         | 3                    | 24                   | 10         | 19                   |
| Non-Commercial                         | 0    | 1         | 1                    | 5                    | 10         | 8                    |
| Other                                  | 1    | 0         | 1                    | 2                    | 4          | 7                    |
| By Vessel flag                         | •    | U         |                      |                      | 7          | •                    |
| Canadian (Non-fishing)                 | 14   | 8         | 14                   | 94                   | 82         | 117                  |
| Canadian (Fishing)                     | 6    | 9         | 12                   | 75                   | 72         | 101                  |
| Foreign                                | 3    | 3         | 3                    | 25                   | 37         | 38                   |
| Vessels Lost (By Gross Tonnage)        | 1    | 3         | 3                    | 9                    | 19         | 19                   |
| 1,600 grt and over                     | 0    | 0         | 0                    | 0                    | 0          | 0                    |
| 150 to 1,599 grt                       | 0    | 0         | 0                    | 1                    | 1          | 0                    |
| 60 to 149 grt                          | 0    | 0         | 1                    | 1                    | 2          | 2                    |
| 15 to 59 grt                           | 1    | 3         | 1                    | 4                    | 8          | 7                    |
| Less than 15 grt                       | 0    | 0         | 1                    | 3                    | 7          | 7                    |
| Unknown tonnage                        | 0    | 0         | 0                    | 0                    | 1          | 2                    |
| Fatalities                             | 0    | 2         | 2                    | 14                   | 10         | 14                   |
| Shipping Accidents                     | 0    | 2         | 2                    | 6                    | 5          | 7                    |
| Accidents Aboard Ship                  | 0    | 0         | 1                    | 8                    | 5          | 7                    |
| Injuries                               | 4    | 4         | 5                    | 35                   | 5 <b>2</b> | 45                   |
| Shipping Accidents                     | 0    | 1         |                      | 3                    | 16         | 13                   |
| Accidents Aboard Ship                  | 4    | 3         | 4                    | 32                   | 36         | 32                   |
|  | 43   | 23        | 20                   | 559                  | 199        | 187                  |
| Reported Incidents (Mandatory)         |      | <b>23</b> | 4                    |                      |            |                      |
| Close-quarters situation               | 9    |           | •                    | 49                   | 20         | 20                   |
| Engine/Rudder/Propeller                | 27   | 13        | 11                   | 420                  | 103        | 94                   |
| Cargo trouble                          | 0    | 0         | 0                    | 1                    | 4          | 3<br>7               |
| Personal incidents                     | 1    | 1         | 1                    | 11                   | 5          | 62                   |
| Other                                  | 6    | 7         | 4                    | 78                   | 67         |                      |

Data extracted October 15, 2013.

All five-year averages have been rounded. Totals sometimes do not coincide to the sum of averages.

Table 2a
Details on Occurrences, Losses and Vessels Involved by Region (Western, Central, Laurentian and Maritimes Regions)

| (Western, Central, Laurentian and Martines Neg |      | September |                      | January to September |      |                      |
|--|------|-----------|----------------------|----------------------|------|----------------------|
|  | 2013 | 2012      | 2008-2012<br>Average | 2013                 | 2012 | 2008-2012<br>Average |
| Western Region                                 |      |           |                      |                      |      |                      |
| Shipping Accidents                             | 7    | 2         | 7                    | 63                   | 59   | 72                   |
| Accidents aboard ship                          | 3    | 1         | 1                    | 15                   | 12   | 11                   |
| Vessels Involved In Shipping Accidents         | 9    | 2         | 7                    | 76                   | 68   | 82                   |
| Cargo/OBO/Tanker                               | 0    | 0         | 1                    | 2                    | 10   | 6                    |
| Ferry/Passenger                                | 0    | 1         | 1                    | 8                    | 8    | 10                   |
| Tug/Barge                                      | 3    | 0         | 1                    | 19                   | 16   | 20                   |
| Fishing  | 3    | 1         | 4                    | 25                   | 26   | 35                   |
| Others   | 3    | 0         | 1                    | 21                   | 8    | 10                   |
| Vessels lost                                   | 0    | 0         | 0                    | 3                    | 6    | 4                    |
| Fatalities                                     | 0    | 0         | 0                    | 2                    | 3    | 5                    |
| Reported Incidents (Mandatory)                 | 12   | 6         | 9                    | 140                  | 94   | 96                   |
| Central Region                                 |      | _         | •                    |                      |      |                      |
| Shipping Accidents                             | 4    | 2         | 3                    | 17                   | 21   | 25                   |
| Accidents aboard ship                          | 0    | 0         | 2                    | 3                    | 6    | 6                    |
| Vessels Involved In Shipping Accidents         | 8    | 2         | 4                    | 23                   | 23   | 28                   |
| Cargo/OBO/Tanker                               | 1    | 1         | 2                    | 7                    | 13   | 16                   |
| Ferry/Passenger                                | 1    | 1         | 1                    | 2                    | 4    | 3                    |
| Tug/Barge                                      | 5    | 0         | 0                    | 6                    | 3    | 3                    |
| Fishing  | 0    | 0         | 0                    | 4                    | 2    | 1                    |
| Others   | 1    | 0         | 1                    | 4                    | 1    | 4                    |
| Vessels lost                                   | 0    | 0         | 0                    | 0                    | 0    | 1                    |
| Fatalities                                     | 0    | 0         | 0                    | 0                    | 1    | 0                    |
| Reported Incidents (Mandatory)                 | 3    | 3         | 4                    | 27                   | 30   | 25                   |
| Laurentian Region                              | •    |           | •                    |                      |      |                      |
| Shipping Accidents                             | 0    | 2         | 5                    | 35                   | 30   | 46                   |
| Accidents aboard ship                          | 1    | 1         | 1                    | 8                    | 7    | 10                   |
| Vessels Involved In Shipping Accidents         | 0    | 2         | 6                    | 38                   | 32   | 51                   |
| Cargo/OBO/Tanker                               | 0    | 1         | 1                    | 15                   | 22   | 22                   |
| Ferry/Passenger                                | 0    | 1         | 2                    | 8                    | 4    | 8                    |
| Tug/Barge                                      | 0    | 0         | 1                    | 3                    | 3    | 5                    |
| Fishing  | 0    | 0         | 2                    | 8                    | 2    | 10                   |
| Others   | 0    | 0         | 0                    | 4                    | 1    | 6                    |
| Vessels lost                                   | 0    | 0         | 0                    | 1                    | 1    | 1                    |
| Fatalities                                     | 0    | 0         | 0                    | 4                    | 0    | 1                    |
| Reported Incidents (Mandatory)                 | 6    | 12        | 5                    | 87                   | 49   | 44                   |
| Maritimes Region                               | · ·  |           | •                    | 0,                   | 10   |                      |
| Shipping Accidents                             | 3    | 7         | 8                    | 23                   | 41   | 50                   |
| Accidents aboard ship                          | 0    | 0         | 0                    | 4                    | 3    | 4                    |
| Vessels Involved In Shipping Accidents         | 3    | 7         | 8                    | 25                   | 44   | 54                   |
| Cargo/OBO/Tanker                               | 0    | 0         | 0                    | 3                    | 2    | 2                    |
| Ferry/Passenger                                | 0    | 0         | 1                    | 0                    | 3    | 4                    |
| Tug/Barge                                      | 0    | 1         | 0                    | 0                    | 3    | 2                    |
| Fishing  | 3    | 6         | 6                    | 20                   | 32   | 38                   |
| Others   | 0    | 0         | 1                    | 1                    | 4    | 9                    |
| Vessels lost                                   | 0    | 2         | 1                    | 2                    | 9    | 8                    |
| Fatalities                                     | 0    | 1         | 1                    | 7                    | 2    | 4                    |
| Reported Incidents (Mandatory)                 | 12   | 0         | 0                    | 204                  | 8    | 9                    |
| reported including (intalluatory)              | 12   | U         | U                    | 204                  | 0    | 3                    |

Data extracted October 15, 2013.

Table 2b
Details on Occurrences, Losses and Vessels Involved by Region (Newfoundland region, Arctic Region and Foreign Waters)

|  | September |      |                      | January to September |      |                      |
|--|-----------|------|----------------------|----------------------|------|----------------------|
|  | 2013      | 2012 | 2008-2012<br>Average | 2013                 | 2012 | 2008-2012<br>Average |
|  |           |      | 71101490             |                      |      | 7.1.0.4.90           |
| Newfoundland Region                    |           |      |                      |                      |      |                      |
| Shipping Accidents                     | 1         | 1    | 2                    | 23                   | 12   | 29                   |
| Accidents aboard ship                  | 0         | 0    | 0                    | 5                    | 8    | 6                    |
| Vessels Involved In Shipping Accidents | 1         | 1    | 2                    | 23                   | 15   | 31                   |
| Cargo/OBO/Tanker                       | 0         | 0    | 0                    | 2                    | 1    | 2                    |
| Ferry/Passenger                        | 0         | 0    | 0                    | 2                    | 3    | 5                    |
| Tug/Barge                              | 0         | 0    | 0                    | 0                    | 0    | 1                    |
| Fishing                                | 1         | 1    | 1                    | 18                   | 11   | 19                   |
| Others                                 | 0         | 0    | 0                    | 1                    | 0    | 3                    |
| Vessels lost                           | 1         | 0    | 1                    | 2                    | 2    | 4                    |
| Fatalities                             | 0         | 0    | 0                    | 1                    | 3    | 3                    |
| Reported Incidents (Mandatory)         | 10        | 1    | 1                    | 100                  | 8    | 7                    |
| Arctic Region                          |           |      |                      |                      |      |                      |
| Shipping Accidents                     | 2         | 1    | 1                    | 4                    | 3    | 3                    |
| Accidents aboard ship                  | 0         | 0    | 0                    | 2                    | 2    | 1                    |
| Vessels Involved In Shipping Accidents | 2         | 2    | 1                    | 4                    | 4    | 4                    |
| Cargo/OBO/Tanker                       | 0         | 0    | 0                    | 0                    | 1    | 1                    |
| Ferry/Passenger                        | 0         | 0    | 0                    | 0                    | 0    | 0                    |
| Tug/Barge                              | 2         | 2    | 1                    | 4                    | 3    | 1                    |
| Fishing                                | 0         | 0    | 0                    | 0                    | 0    | 0                    |
| Others                                 | 0         | 0    | 1                    | 0                    | 0    | 1                    |
| Vessels lost                           | 0         | 0    | 0                    | 0                    | 0    | 0                    |
| Fatalities                             | 0         | 0    | 0                    | 0                    | 0    | 0                    |
| Reported Incidents (Mandatory)         | 0         | 0    | 1                    | 0                    | 4    | 2                    |
| Foreign Waters                         |           |      |                      |                      |      |                      |
| Shipping Accidents                     | 0         | 3    | 1                    | 6                    | 4    | 5                    |
| Accidents aboard ship                  | 0         | 0    | 0                    | 1                    | 1    | 1                    |
| Vessels Involved In Shipping Accidents | 0         | 4    | 1                    | 7                    | 5    | 6                    |
| Cargo/OBO/Tanker                       | 0         | 1    | 1                    | 4                    | 2    | 4                    |
| Ferry/Passenger                        | 0         | 0    | 0                    | 1                    | 0    | 0                    |
| Tug/Barge                              | 0         | 0    | 0                    | 0                    | 0    | 1                    |
| Fishing                                | 0         | 2    | 0                    | 2                    | 2    | 0                    |
| Others                                 | 0         | 1    | 0                    | 0                    | 1    | 1                    |
| Vessels lost                           | 0         | 1    | 0                    | 1                    | 1    | 1                    |
| Fatalities                             | 0         | 1    | 0                    | 0                    | 1    | 1                    |
| Reported Incidents (Mandatory)         | 0         | 1    | 1                    | 1                    | 6    | 4                    |

Data extracted October 15, 2013.