



**XLII Antarctic Treaty
Consultative Meeting**
Prague • Czech Republic • 2019

ENG

Agenda Item:	ATCM 17
Presented by:	IAATO
Original:	English
Submitted:	4/6/2019

IAATO Overview of Antarctic Tourism: 2018-19 Season and Preliminary Estimates for 2019-20 Season

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Information Paper Submitted by the
International Association of Antarctica Tour Operators (IAATO)

Introduction

IAATO is pleased to provide estimates of Antarctic tourism from IAATO Operators for the 2019-20 season and the statistical data compiled from Post Visit Reports for the 2018-19 season.

These figures are based on information provided to IAATO by its Operators as of 27 May, 2019. These numbers reflect only those travelling with IAATO Operator companies and do not include those individuals taking part in research projects that are being supported by IAATO Operators.

The 2018-19 season (56,168 persons) was slightly higher (by 404 visitors) than the forecast in ATCM XLI IP71 *IAATO Overview of Antarctic Tourism 2017-18 and Preliminary Estimates for 2018-19 Season*. Preliminary estimates for 2019-20 indicate that passenger numbers will rise to approximately 78,520 individuals.

1.0 Overview

This section focuses on the 2018-19 season. Additional information on this season and previous years, including activities and landing site use, will be posted on the IAATO website (www.iaato.org) under Guidelines and Resources, Tourism Statistics. Additionally, selected site-specific information is available in ATCM XLII IPxx *Report on IAATO Operator Use of Antarctic Peninsula Landing Sites and ATCM Visitor Site Guidelines, 2018-19 Season*.

1.1 IAATO Member Activities

IAATO's Membership continues to incorporate the majority of private-sector tour operators. All commercial SOLAS passenger ship operators that we are aware of conducting tourism activities in the Antarctic Treaty Area are currently members of IAATO. All IAATO Operators submit Environmental Impact Assessments or equivalent operational documents to their appropriate National Authority.

Final analysis of Post Visit Reports for the 2018-19 season indicates that there was a 9% increase in the overall tourism statistics from the 2017-18 season. Shipborne tourism remains dominant on the Peninsula and there were no IAATO Operator over-flights to the Antarctic continent.

1.2 Scope of Commercial Tourist Activities for Seaborne Tourism

Commercial tourism activities by IAATO Operators included the operation of small boats (Zodiac, Polar Cirkel Boat, RIB, Naiad, etc.), shore landings, and to a lesser extent, kayaking, mountain climbing, SCUBA diving, submersible diving, snorkeling, stand-up paddle boarding, skiing, snowboarding, camping (including short overnight stays), running events, helicopter operations, underwater ROVs and Remotely Piloted Aircraft Systems (RPASs). These activities were undertaken in line with IAATO policies and guidelines. Most of these activities have taken place for well over the past decade with some dating back to the beginning of Antarctic tourism in the late 1960s. For more information on IAATO Operator activities see ATCM XLII IPxx A *Catalog of IAATO Operator Activities*.

Table 1. Historical Statistics of Recorded Seaborne Tourism (including Cruise Only)
Based on data provided by companies who submitted Post Visit Report Forms and from other sources where available.

Year	No. of operators	No. of ships & yachts	No. of voyages	No. of passengers making landings	No. of cruise only passengers
1992-93	10	12	59	6,704	
1993-94	9	11	65	7,957	
1994-95	9	14	93	8,098	
1995-96	10	15	113	9,212	
1996-97	11	13	104	7,322	
1997-98	12	13**	92	9,473	
1998-99	15	15**	116	9,857	
1999-00	17	21**	154	13,687	936
2000-01	15**	32**	131	12,109	0
2001-02	19**	37**	117	11,429	2,029
2002-03	26**	47**	136	13,263	2,424
2003-04	31**	51**	180	19,369	4,949
2004-05	35**	52**	207	22,297	5,027
2005-06	47**	44**	249	25,167	4,632
2006-07	42**	47**	268	28,622	6,930
2007-08	48	55	308	32,637	13,015
2008-09	44	53	290	26,921	10,652
2009-10	44	51	239	21,622	15,020
2010-11	41	47	223	19,065	14,373
2011-12	36	41	234	21,131	4,872
2012-13	39	45	258	24,892	9,070
2013-14	42	51	283	27,374	9,670
2014-15	37	44	268	26,812	9,459
2015-16	38	48	286	29,960	8,109
2016-17	38	47	298	36,440	7,475
2017-18	44	50	344	42,576	9,131
2018-19	44	56	360	44,600	10,889
2019-20	46***	63***	432***	***59,367	***18,420

** Includes non-IAATO operated yachts (sailing and motor) where the information was available.

*** Based on pre-season estimates not actual statistics

The vast majority of tourism voyages operate in the Antarctic Peninsula region during the five-month austral summer season (from November to March), departing from Ushuaia, Argentina or, to a lesser extent, from other ports north of the Antarctic Treaty Area.

1.3 Nationalities

The Post Visit Report Forms submitted to IAATO indicate that more than 100 different nationalities were represented by tourists who visited the Antarctic during the 2018-19 season.

Table 2: Percentage of Passenger Nationalities

Nationality	Percentage of Total 18-19 Season
United States	31.9%
China	14.6%
Australia	11.5%
United Kingdom	7.6%
Germany	6.2%
Canada	4.7%
France	3.8%
United States Minor Outlying	2.3%

Islands	
Switzerland	1.8%
Others	15.6%

1.4 Commercial Operated Activities Conducted from Expedition Vessels and Yachts

Detailed information of the activities conducted during the 2018-19 season are listed in Appendix 1, and anticipated activities for the 2019-20 season can be found in Appendix 2. All IAATO Operators activities are permitted or authorized through Environmental Impact Assessments, Advance Notifications and, where relevant, Waste Management Permits, submitted in advance of the season. All activities are planned to have no more than a minor or transitory impact on the Antarctic environment and nearly all activities have been conducted from expedition vessels and yachts for more than a decade.

1.5 Commercial Deep Field Tourism

Six IAATO Operators conducted deep field tourism activities during the 2018-19 season:

- Antarctic Logistics & Expeditions (ALE) – (originally named Adventure Network International) one of the founding members of IAATO in 1991 – conducted activities for the 33rd consecutive season.
- The Antarctic Company (TAC) operated in Antarctica for the 14th consecutive season and 10th as an IAATO Operator.
- White Desert (WDL), which operated in Antarctica for the 13th consecutive season and 8th as an IAATO Operator. Early season flights and logistics for WDL are coordinated through TAC.
- Arctic Trucks, which joined IAATO has operated in the Antarctic as a contractor since the 1990's and as an Operator since the 2014-15 season.
- ALE operated out of Punta Arenas, Chile, and Ushuaia, Argentina; TAC and WDL operated out of Cape Town, South Africa. Arctic Trucks supported operations working from ALE and Novo camps.
- Ice Trek Expeditions, a Provisional IAATO Operator, has been taking clients to Antarctica since 1999. Ice Trek's flights and logistics are coordinated through TAC and ALE.

The six companies employed experienced guides; over 80% of which have worked previously in Antarctica. Staff and guides assist in the preparation of policies and guidelines; and ensure their implementation in the field.

1.5.1 Visitor & Staff Numbers

Details of the visitor numbers can be found in the appendices below. Deep field operators usually maintain a higher client to staff ratio than is typical for seaborne tourism– often in the region of 1 guide to every 3 clients. The exception is with solo expeditions, for example during South Pole Ski Expeditions, where the clients are supported remotely and closely through communication protocols, air drops and agreed search and rescue plans, etc.

1.5.2 Aircraft Operations

ALE:

- One Ilyushin IL-76 was used to ferry general and hazardous cargo, wastes, fuel, staff, guides and passengers between SCCI Punta Arenas, Chile, or SAWH Ushuaia, Argentina, and SCGC Runway 18M Union Glacier.
- Two ski-equipped DHC-6 Twin Otter aircraft and one ski-wheel configured Basler DC3-PT67 aircraft were used for flights within Antarctica and to provide medical evacuation support throughout the season.

TAC:

- One Ilyushin IL-76 TD-90 was used to ferry general and hazardous cargo, wastes, fuel, staff, guides and passengers between Cape Town, South Africa and Novo Airbase.
- One ski-equipped DHC-6 Twin Otter aircraft and two Basler BT-67 aircraft were used for flights within Antarctica and to provide medical evacuation support throughout the season.
- One Boeing 757-200 for flights between Cape Town and Novo Airbase.

- One Boeing 757-200CF Combi for flights between Cape Town and Novo Airbase.

White Desert:

- One Gulf Stream G550 for flights between Cape Town and Wolf's Fang
- One Gulf Stream G650ER for flights between Cape Town and Wolf's Fang
- One Basler BT-67 and one DCH-6 Twin Otter aircraft used for flights within Antarctica

1.5.3 Ground Transport

- ALE operated a number of tractor traverses, primarily for more efficient transport of fuel and cargo, and to support scientific activities.
- ALE, TAC, WDL and Arctic Trucks all used modified wheel and tracked vehicles

1.5.4 Camps (Primary)

- ALE Union Glacier Camp opened October 18, 2018 and closed January 31, 2019.
- TAC Novo Camp opened October 25, 2018 and closed on February 14, 2019.
- WDL Wolf's Fang Camp opened November 04, 2018 and closed on February 26, 2019.
- WDL Whichaway Camp opened November 05, 2018 and closed on February 2, 2019.

1.5.5 Programs and Activities

Activities including the operation of standard programs, the organization and operation of private expeditions, and logistical support of other expeditions for the 2018-19 season, are outlined in the table below. Total numbers participating include clients from all four IAATO Deep Field Operators. Note that some clients participated in multiple programs.

*Table 3: Programs and Participant Numbers (clients) for 2018-19 season
(note some participants may take part in several programs)*

Program	No. Participating
Emperor Penguin Colony Visits	142
Deep Field Experiences (Camping, skiing, mountaineering, skydiving, cycling, etc.)	44
Deep Field Flights (e.g. to Pole of Inaccessibility)	17
South Pole Fly-in	172
South Pole Ski Expedition	14
South Pole Motorised Expedition	22
Last 1-2 Degree Expedition	43
Antarctic Crossing	3
Vinson Massif	148
Marathon	110

1.6 Over-flights operated by IAATO Operators.

For the 2018-19 season, there were no over-flights of Antarctica by IAATO Operators.

2.0 Preliminary Estimate of Planned Activities for the 2019-20 Season

Appendix 3 illustrates a breakout of tourism categories that are projected for the 2019-20 season.

For the 2019-20 season, those tourism categories where passengers land ashore – traditional small and medium-size expedition ships and yachts to both the Peninsula and the Ross Sea and carrying 500 or fewer passengers – are expected to reach approximately 59,000 passengers. This 33% increase is principally due to the anticipated launch of nine new ice-strengthened passenger vessels (*Greg Mortimer, Hanseatic Inspiration, Hanseatic Nature, Hondius, Magellan Explorer, Roald Amundsen, Scenic Eclipse, Silver Whisperer and World Explorer*) all of which will operate in the Peninsula area. The addition of these new vessels reflects an investment in new tonnage, predominantly by companies that have been operating in Antarctica for decades, following the finalisation of the IMO's International Code for Ships Operating in Polar Waters.

While discussions continue internally regarding managing for growth, ship-based tourism is expected to continue to include the operation of small auxiliary boats, shore landings, kayaking, mountain climbing, running events, SCUBA diving, snorkelling, swimming, skiing, snowboarding, snowshoeing, stand-up paddle boarding, camping (including short overnight stays), helicopter operations, use of Remotely Piloted Aircraft Systems (RPASs), underwater submersibles (HOV) and underwater remote operated vehicles (ROVs).

Cruise-only tourism, aboard 500-plus passenger vessels with no passengers landing ashore, is projected to increase to 18,420 passengers, an increase of 70%. This is primarily due to the return to Antarctic operations by Princess Cruise lines.

Air to continent tourism, is conducted by six IAATO Operators providing deep field excursions and expeditions. Another IAATO Operator provides air access to the South Shetlands offering day-trips and overnights on King George Island. The total projected numbers for air to continent and the South Shetland land-based activities is 733 visitors.

No over-flights by IAATO Operators are expected during the 2019-20 season.

IAATO Operators will continue to work together to coordinate activities in advance, so that operations are conducted in a safe and environmentally responsible manner, and that tourism activities are planned to have no more than a minor or transitory impact on the Antarctic environment.

3.0 Tourism Trends

A trends chart showing the change in IAATO Operator landed passengers, dating from the 1992-1993 season and including estimates for the 2019-20 season, can be found in Appendix 1 of this overview.

4.0 Tourism Statistics

The following data sheets are being prepared for inclusion in the IAATO website (<http://www.iaato.org>) and can be found as a link "Tourism Statistics" under the category of Guidelines and Resources: In order to better assist with delivering appropriate statistics for interested parties, those who wish to access the IAATO tourism statistics must now do so through a data access portal.

- Tourists by Nationality (Landed)
- Tourists by Nationality (Air and Cruise)
- Tourists by Nationality (All)
- Number of Vessel based Tourists per Site per Activity – Ross Sea Region
- Number of Vessel based Tourists per Site per Activity – Peninsula
- Number of Vessel based Tourists per Site per Activity – All Regions

Appendices:

- Appendix 1: Overview of Antarctic Tourism 2018-19
- Appendix 2: Preliminary Estimate of Antarctic Tourism 2019-20

Appendix 1: Overview of Antarctic Tourism 2018-19

Based on information provided by IAATO Operators to the IAATO Secretariat as of May 27, 2019

IAATO Operators Traditional Seaborne Tourism - Peninsula Region - 2018-2019							
Vessel	Vessel Registry	Operator/ Charterer	Country	PSSC Passenger Capacity	Actual # Voyages	Actual # of Passengers	Activities incl. Landings
<i>Akademik Ioffe</i>	Russia	One Ocean Expeditions Inc.	Canada	110	2	171	Deep Field Camping, Kayaking, Marathons, Ship Cruise, Small Boat Cruising, Small Boat Landing
<i>Akademik Sergey Vavilov</i>	Russia	One Ocean Expeditions Inc.	Canada	110	5	403	Aircraft Flight, Aircraft Landing, Extended Walk, Kayaking, Marathons, Other, Polar Plunge, Science Support, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>Bark Europa</i>	Netherlands	Rederij Bark EUROPA B.V.	Netherlands	48	4	156	Anchoring, Extended Walk, Medical evacuation, Other, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Swimming - Distance
<i>Bremen</i>	Bahamas	Hapag-Lloyd Kreuzfahrten GmbH	Germany	164	4	598	Extended Walk, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>Expedition</i>	Liberia	G Adventures	Canada	140	12	1576	Citizen Science, Extended Walk, Ice Landing, Kayaking, Medical evacuation, Polar Plunge, Science Support, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>Fram</i>	Norway	Hurtigruten AS	Norway	318	6	1157	Extended Walk, Kayaking, Other, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>Hamburg</i>	Bahamas	Plantours Kreuzfahrten	Germany	390	3	1049	Medical evacuation, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Hebridean Sky</i>	Bahamas	Antarctica21	Chile	120	1	73	Aircraft Flight, Aircraft Landing, Kayaking, Polar Plunge, Small Boat Landing, Snowshoeing

<i>Hebridean Sky</i>	Bahamas	Polar Latitudes	USA	120	5	542	Citizen Science, Extended Walk, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit, Swimming - Distance, Vessel Alongside
<i>Island Sky</i>	Bahamas	Noble Caledonia	United Kingdom	116	2	198	Anchoring, Ice Walk, Ship Cruise, Small Boat Cruising, Small Boat Landing
<i>Island Sky</i>	Bahamas	Polar Latitudes	USA	116	6	615	Extended Walk, Filming, Ice Landing, Kayaking, Other, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Swimming - Distance, Vessel Alongside
<i>Island Sky</i>	Bahamas	Zegrahm Expeditions	USA	116	1	102	Extended Walk, Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Vessel Alongside
<i>Kapitan Khlebnikov</i>	Russia	Quark Expeditions	USA	120	4	387	Helicopter Flight, Helicopter Landing, Ice Walk, Polar Plunge, Science Support, Ship Cruise
<i>L'Austral</i>	France	Ponant	France	264	10	2005	Extended Walk, Ice Landing, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Le Boreal</i>	France	Ponant	France	264	8	1537	Ice Landing, Medical evacuation, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Le Lyrial</i>	France	Abercrombie & Kent USA, LLC	USA	244	4	728	Extended Walk, Medical evacuation, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>Le Lyrial</i>	France	Ponant	France	244	6	1175	Ice Landing, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Le Soleal</i>	France	Ponant	France	264	6	1162	Ice Landing, Kayaking, Ship Cruise, Small Boat Cruising, Small Boat Landing, Snowshoeing
<i>Legend</i>	Panama	EYOS Expeditions Ltd.	United Kingdom	26	3	44	Aircraft Landing, Helicopter Flight, Helicopter Landing, Ice Walk, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Submersible - Human Occupied Vehicle (HOV)

<i>Midnatsol</i>	Norway	Hurtigruten AS	Norway	500	12	4700	Citizen Science, Ice Landing, Kayaking, Polar Plunge, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit, Vessel Alongside
<i>National Geographic Explorer</i>	Bahamas	Lindblad Expeditions	USA	150	10	1448	Anchoring, Citizen Science, Extended Walk, Filming, Ice Landing, Ice Walk, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), Remote Underwater Vehicle, Science Support, Scuba Diving, Ship Cruise, Skiing, Small Boat Cruising, Small Boat Landing, Station Visit
<i>National Geographic Orion</i>	Bahamas	Lindblad Expeditions	USA	106	10	1034	Ice Landing, Ice Walk, Kayaking, Polar Plunge, Remote Underwater Vehicle, Scuba Diving, Ship Cruise, Skiing, Small Boat Cruising, Small Boat Landing, Snorkeling, Snowshoeing, Station Visit, Vessel Alongside
<i>Ocean Adventurer</i>	Bahamas	Quark Expeditions	USA	141	5	608	Filming, Kayaking, Ship Cruise, Short Overnight Stays, Skiing, Small Boat Cruising, Small Boat Landing, Snowboarding, Station Visit, Swimming - Distance
<i>Ocean Atlantic</i>	Bahamas	Albatros Travel / Albatros Expeditions	Denmark	230	13	2287	Aircraft Landing, Anchoring, Citizen Science, Kayaking, Medical evacuation, Other, Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit
<i>Ocean Diamond</i>	Bahamas	Grand Circle Corporation	USA	252	6	900	Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Ocean Diamond</i>	Bahamas	Quark Expeditions	USA	252	8	1475	At Sea, Ice Landing, Kayaking, Medical evacuation, Polar Plunge, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Ocean Endeavour</i>	Bahamas	Quark Expeditions	USA	486	10	1968	Climbing, Ice Landing, Kayaking, Polar Plunge, Ship Cruise, Short Overnight Stays, Skiing, Small Boat Cruising, Small Boat Landing, Snowshoeing, Stand Up Paddle Boarding

<i>Ocean Nova</i>	Bahamas	Antarctica21	Chile	85	3	209	Ice Landing, Ice Walk, Kayaking, Polar Plunge, Small Boat Cruising, Small Boat Landing, Snowshoeing
<i>Ortelius</i>	Netherlands	Oceanwide Expeditions	Netherlands	125	12	1352	Climbing, Helicopter Flight, Helicopter Landing, Ice Walk, Kayaking, Medical evacuation, Polar Plunge, Scuba Diving, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit
<i>Plancius</i>	Netherlands	Oceanwide Expeditions	Netherlands	117	11	1223	Climbing, Extended Walk, Kayaking, Marathons, Polar Plunge, Scuba Diving, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit
<i>Polar Pioneer</i>	Russia	Aurora Expeditions	Australia	56	6	304	Extended Walk, Kayaking, Polar Plunge, Scuba Diving, Ship Cruise, Short Overnight Stays, Skiing, Small Boat Cruising, Small Boat Landing, Snorkeling, Snowshoeing, Station Visit
<i>RCGS Resolute</i>	Bahamas	One Ocean Expeditions Inc.	Canada	188	10	1201	Extended Walk, Kayaking, Polar Plunge, Science Support, Ship Cruise, Short Overnight Stays, Skiing, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit, Swimming - Distance
<i>Sea Spirit</i>	Bahamas	Poseidon Expeditions	USA	127	11	1224	Extended Walk, Kayaking, Other, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>Seabourn Quest</i>	Bahamas	Seabourn Cruise Line Ltd.	USA	478	5	2096	Kayaking, RPAS Commercial Flight (UAV-C), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Silver Cloud</i>	Bahamas	Silversea Cruises Ltd.	USA	248	11	2498	Extended Walk, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Silver Explorer</i>	Bahamas	Silversea Cruises Ltd.	USA	142	6	770	Anchoring, Extended Walk, Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Vessel Alongside

<i>Ushuaia</i>	Comoros	Antarpply Expeditions	Argentina	95	16	1393	Anchoring, Other, Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
			Totals:		257	40368	

IAATO Operators Air-Cruise Tourism - Peninsula Region - 2018-2019							
Vessel	Vessel Registry	Operator/Charterer	Country	PSSC Passenger Capacity	Actual # Voyages	Actual # of Passengers	Activities incl. Landings
<i>Akademik Ioffe</i>	Russia	One Ocean Expeditions Inc.	Canada	110	3	263	Aircraft Landing, Deep Field Camping, Extended Walk, Kayaking, Ship Cruise, Small Boat Cruising, Small Boat Landing
<i>Akademik Sergey Vavilov</i>	Russia	One Ocean Expeditions Inc.	Canada	110	5	394	Aircraft Flight, Aircraft Landing, At Sea, Extended Walk, Kayaking, Polar Plunge, Science Support, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Gayle Force</i>	Marshall Islands	EYOS Expeditions Ltd.	United Kingdom	8	1	6	Small Boat Cruising, Small Boat Landing
<i>Hebridean Sky</i>	Bahamas	Antarctica21	Chile	120	1	73	Aircraft Flight, Aircraft Landing, Kayaking, Polar Plunge, Small Boat Cruising, Small Boat Landing, Snowshoeing
<i>Hebridean Sky</i>	Bahamas	Polar Latitudes	USA	120	10	728	Aircraft Flight, Aircraft Landing, Anchoring, Citizen Science, Extended Walk, Kayaking, Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit
<i>Legend</i>	Panama	EYOS Expeditions Ltd.	United Kingdom	26	3	66	Aircraft Flight, Aircraft Landing, Helicopter Flight, Ice Landing, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Submersible - Human Occupied Vehicle (HOV)
<i>Legend</i>	Panama	Spirit of Sydney Expeditions Pty Ltd	Australia	26	1	10	Helicopter Flight, Helicopter Landing, Ice Walk, Kayaking, Other, Polar Plunge, Science Support, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Submersible - Human Occupied Vehicle (HOV)

<i>MY Game Changer</i>	Marshall Islands	Spirit of Sydney Expeditions Pty Ltd	Australia	12	1	4	Deep Field Camping, Helicopter Flight, Helicopter Landing, Ice Landing, RPAS Commercial Flight (UAV-C), Science Support, Scuba Diving, Skiing, Small Boat Cruising, Small Boat Landing, Snowshoeing, Station Visit, Submersible - Human Occupied Vehicle (HOV)
<i>MY Hans Hansson</i>	Saint Vincent and the Grenadines	Quixote Expeditions	USA	12	4	45	Aircraft Flight, Aircraft Landing, Anchoring, Citizen Science, Extended Walk, Ice Landing, Ice Walk, Kayaking, Other, Polar Plunge, RPAS Commercial Flight (UAV-C), RPAS Operational / Navigation Flight (UAV-O), Science Support, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>MY Hanse Explorer</i>	Antigua and Barbuda	Hanse Explorer GmbH and Co. KG	Germany	12	2	22	Aircraft Flight, Anchoring, Extended Walk, Filming, Kayaking, Other, Ship Cruise, Small Boat Cruising, Small Boat Landing, Snorkeling, Station Visit
<i>MY Planet Nine</i>	Malta	Spirit of Sydney Expeditions Pty Ltd	Australia	12	2	12	Deep Field Camping, Helicopter Flight, Helicopter Landing, Ice Landing, Kayaking, Other, RPAS Commercial Flight (UAV-C), Science Support, Skiing, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Ocean Adventurer</i>	Bahamas	Quark Expeditions	USA	141	7	872	Aircraft Landing, Anchoring, Kayaking, Medical evacuation, Other, Polar Plunge, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit, Swimming - Distance
<i>Ocean Nova</i>	Bahamas	Antarctica21	Chile	85	16	1044	Aircraft Flight, Aircraft Landing, Citizen Science, Extended Walk, Ice Landing, Ice Walk, Kayaking, Medical evacuation, Polar Plunge, Ship Cruise, Small Boat Cruising, Small Boat Landing, Snowboarding, Snowshoeing, Station Visit
<i>Polar Pioneer</i>	Russia	Aurora Expeditions	Australia	56	4	202	Kayaking, Scuba Diving, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Snorkeling, Snowshoeing, Station Visit

<i>RCGS Resolute</i>	Bahamas	One Ocean Expeditions Inc.	Canada	188	1	157	Kayaking, Polar Plunge, Science Support, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Station Visit
<i>S/V Ocean Tramp</i>	Kingston/Saint Vincent and the Grenadines	Quixote Expeditions	USA	8	5	29	Aircraft Flight, Anchoring, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), RPAS Operational / Navigation Flight (UAV-O), Science Support, Scuba Diving, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing, Snorkeling, Station Visit
<i>S/V Rosehearty</i>	Isle of Man	EYOS Expeditions Ltd.	United Kingdom	10	1	8	Anchoring, Extended Walk, Kayaking, RPAS Commercial Flight (UAV-C), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
			Totals:		67	3935	

IAATO Operators Yacht Tourism - Peninsula Region - 2018-2019							
Vessel	Vessel Registry	Operator/ Charterer	Country	PSSC Passenger Capacity	Actual # Voyages	Actual # of Passengers	Activities incl. Landings
<i>MY Hanse Explorer</i>	Antigua and Barbuda	Hanse Explorer GmbH and Co. KG	Germany	12	2	17	Anchoring, Ship Cruise, Small Boat Cruising, Small Boat Landing
<i>S/V Australis</i>	Cook Islands	Ocean Expeditions Ltd	Australia	12	2	14	Aircraft Flight, Aircraft Landing, Ice Landing, Kayaking, Ship Cruise, Short Overnight Stays, Small Boat Cruising, Small Boat Landing
<i>S/V Golden Fleece</i>	U.K. Overseas Territory	Golden Fleece Expeditions Ltd.	United Kingdom	12	1	0	Ship Cruise, Small Boat Cruising, Small Boat Landing
<i>S/V Pelagic Australis</i>	British Virgin Islands	Pelagic Expeditions LTD	United Kingdom	12	4	29	Anchoring, Climbing, Expedition support, Filming, Ice Landing, Ice Walk, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), Scuba Diving, Ship Cruise, Skiing, Small Boat Cruising, Small Boat Landing, Station Visit, Vessel Alongside
<i>S/V Podorange</i>	United Kingdom	Voile Australe	France	12	2	14	Anchoring, Extended Walk, Kayaking, Ship Cruise, Skiing, Small Boat Cruising, Small Boat Landing, Station Visit
<i>S/V Roseheartly</i>	Isle of Man	EYOS Expeditions Ltd.	United Kingdom	10	1	11	Anchoring, Kayaking, RPAS Commercial Flight (UAV-C), Small Boat Cruising, Small Boat Landing, Station Visit
<i>S/V Santa Maria Australis</i>	Germany	SIM Expeditions	Chile	10	4	35	Anchoring, Extended Walk, Kayaking, Skiing, Small Boat Cruising, Small Boat Landing, Station Visit
<i>S/V Selma Expeditions</i>	POLAND	Selma Expeditions	Poland	8	5	36	Anchoring, Expedition support, Extended Walk, RPAS Commercial Flight (UAV-C), Science Support, Scuba Diving, Ship Cruise, Small Boat Cruising, Small Boat Landing, Snorkeling, Snowshoeing, Station Visit

<i>S/V Spirit of Sydney</i>	St Vincent	Spirit of Sydney Expeditions Pty Ltd	Australia	7	3	16	Anchoring, At Sea, Deep Field Camping, Extended Walk, Kayaking, Polar Plunge, RPAS Commercial Flight (UAV-C), RPAS Operational / Navigation Flight (UAV-O), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>S/V Vaiihéré</i>	France	Latitude Oceane	Belgium	10	3	27	Extended Walk, Kayaking, Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
			Totals:		27	199	

IAATO Cruise Only Tourism - Peninsula Region - 2018-2019							
Vessel	Vessel Registry	Operator/Charterer	Country	PSSC Passenger Capacity	Actual # Voyages	Actual # of Passengers	Activities incl. Landings
<i>Azamara Pursuit</i>	Valletta/Malta	Celebrity Cruise Lines/Royal Carriibbean/Azamara Cruises	USA	684	1	620	Anchoring, Ship Cruise
<i>Celebrity Eclipse</i>	Malta	Celebrity Cruise Lines/Royal Carriibbean/Azamara Cruises	USA	2850	2	5647	Anchoring, Other, Ship Cruise
<i>Prinsendam</i>	Rotterdam / Netherlands	Holland America Line	USA	830	1	665	Ship Cruise, Station Visit
<i>Zaandam</i>	Netherlands	Holland America Line	USA	1805	3	3957	Ship Cruise
			Totals:		7	10889	

IAATO Operators Seaborne Tourism – Continental/Ross Sea - 2018-2019							
Vessel	Vessel Registry	Operator/Charterer	Country	PSSC Passenger Capacity	Actual # Voyages	Actual # of Passengers	Activities incl. Landings
<i>Spirit of Enderby</i>	Russia	Heritage Expeditions	New Zealand	58	2	98	Ice Landing, Ship Cruise, Small Boat Cruising, Small Boat Landing
			Totals:		2	98	

IAATO Operators Deep-Field Tourism - 2018-2019						
Operator/ Charterer	Country	Antarctic Area Visited	Aircraft Used	Actual # Voyages	Actual # of Passengers	Activities incl. Landings
Antarctic Logistics & Expeditions	USA	Continental	ALE-IL76	varies	352	Aircraft flight, Aircraft landing, Station visit, Emperor penguin colony visits, South Pole, Deep field experiences, Marathons
Arctic Trucks	United Kingdom	Continental	Ark-Truck	varies	16	Motorised Antarctic crossing, Deep field experiences, South Pole, Station visits
DAP Antarctica	Chile	King George Island	DAP- KING300	varies	112	Aircraft Flight, Overnight stays, Small boat landings, Station visits
Ice Trek	Australia	Continental	TAC-IL76	varies	11	Emperor penguin colony visits, South pole, Deep field experiences
The Antarctic Company (TAC)	South Africa	Continental	TAC-IL76	varies	64	Aircraft Flight, Aircraft Landing, Other, Station Visit, South pole, Deep field experiences, Marathons
White Desert Ltd	United Kingdom	Continental	WDL-IL76	varies	124	Aircraft Flight, Aircraft Landing, Deep Field Experiences, Station Visit, Emperor penguin colony visits, South Pole
			Totals:	n/a	679	

SUMMARY OF ACTUALS for 2018-2019 SEASON
(All tourist types)

*Note all numbers and company status are subject to change and are
based on reports as of

Types of Tourism	Number of Vessels	Number of Departures	Total Number of Passengers
<i>IAATO Traditional Seaborne Tourism Peninsula</i>	32	257	40368
<i>IAATO Seaborne Tourism Ross Sea/Continental</i>	1	2	98
<i>IAATO Sailing Vessels/Yacht Tourism Peninsula</i>	10	27	199
<i>IAATO Air- Cruise Peninsula</i>	15	67	3935
<i>IAATO Large Ships/Cruise- Only Peninsula</i>	4	7	10889
<i>IAATO Deep- Field Tourism</i>	N/A	varies	679

Appendix 2: Preliminary Estimate of Antarctic Tourism 2019-20

Based on information provided by IAATO Operators to the IAATO Secretariat as of May 27, 2019

IAATO Operators Traditional Seaborne Tourism - Peninsula Region - 2019-2020							
Vessel	Vessel Registry	Operator/Charterer	Country	Est. # Voyages	Est. # Average Load	Est. # of Passengers	Activities incl. Landings
<i>Bark Europa</i>	Netherlands	Rederij Bark EUROPA B.V.	Netherlands	3	40	120	Small Boat Landing, Extended Walk, Ship Cruise, Station Visit, Small Boat Cruising
<i>Bremen</i>	Bahamas	Hapag-Lloyd Kreuzfahrten GmbH	Germany	2	140	280	Small Boat Landing, Extended Walk, Kayaking, Short Overnight Stays, Snowshoeing, Station Visit, Small Boat Cruising
<i>Corinthian</i>	Malta	Grand Circle Corporation	USA	9	98	882	Anchoring, Small Boat Landing, Citizen Science, Ice Landing, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
<i>Expedition</i>	Liberia	G Adventures	Canada	12	125	1500	Small Boat Landing, Citizen Science, Extended Walk, Ice Landing, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Small Boat Cruising
<i>Fram</i>	Norway	Hurtigruten AS	Norway	7	200	1400	Anchoring, Small Boat Landing, Citizen Science, Extended Walk, Ice Walk, Kayaking, Short Overnight Stays, Remote Underwater Vehicle, Ship Cruise, Snowshoeing, Science Support, Station Visit, Small Boat Cruising
<i>Greg Mortimer</i>	Bahamas	Aurora Expeditions	Australia	13	120	1560	Small Boat Landing, Climbing, Extended Walk, Kayaking, Polar Plunge, Snowboarding, Ship Cruise, Scuba Diving, Snowshoeing, Skiing, Snorkeling, Stand Up Paddle Boarding, Small Boat Cruising
<i>Hamburg</i>	Bahamas	Plantours Kreuzfahrten	Germany	3	350	1050	Anchoring, Small Boat Landing, Medical evacuation, Other, Ship Cruise, Station Visit, Vessel Alongside, Small Boat Cruising

(type) (number)

<i>Hanseatic Inspiration</i>	Nassau	Hapag-Lloyd Kreuzfahrten GmbH	Germany	5	199	995	Small Boat Landing, Extended Walk, Kayaking, Short Overnight Stays, Snowshoeing, Stand Up Paddle Boarding, Station Visit, Small Boat Cruising
<i>Hanseatic Nature</i>	Nassau	Hapag-Lloyd Kreuzfahrten GmbH	Germany	6	199	1194	Small Boat Landing, Extended Walk, Kayaking, Short Overnight Stays, Snowshoeing, Station Visit, Small Boat Cruising
<i>Hebridean Sky</i>	Bahamas	Polar Latitudes	USA	6	70	420	Small Boat Landing, Citizen Science, Extended Walk, Kayaking, Polar Plunge, Ship Cruise, Snowshoeing, Small Boat Cruising
<i>Hebridean Sky</i>	Bahamas	Polar Latitudes	USA	8	100	800	Small Boat Landing, Citizen Science, Extended Walk, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
<i>Hondius</i>	Netherlands	Oceanwide Expeditions	Netherlands	12	145	1740	Anchoring, Small Boat Landing, Citizen Science, Extended Walk, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Scuba Diving, Snowshoeing, Station Visit, Small Boat Cruising
<i>Island Sky</i>	Bahamas	Polar Latitudes	USA	5	100	500	Anchoring, Small Boat Landing, Citizen Science, Extended Walk, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
<i>Island Sky</i>	Bahamas	Noble Caledonia	United Kingdom	1	100	100	Small Boat Landing, Ship Cruise, Small Boat Cruising
<i>Island Sky</i>	Bahamas	Zegrahm Expeditions	USA	1	100	100	Small Boat Landing, Extended Walk, Polar Plunge, Ship Cruise, Station Visit, Vessel Alongside, Small Boat Cruising
<i>Kapitan Khlebnikov</i>	Russia	Quark Expeditions	USA	4	80	320	Small Boat Landing, Citizen Science, Helicopter Flight, Helicopter Landing, Ice Landing, Ice Walk, Polar Plunge, Ship Cruise, Small Boat Cruising
<i>L'Austral</i>	France	Ponant	France	10	200	2000	Anchoring, Small Boat Landing, Extended Walk, Ice Landing, Ship Cruise, Station Visit, Small Boat Cruising

<i>Le Boreal</i>	France	Ponant	France	10	200	2000	Anchoring, Small Boat Landing, Extended Walk, Ice Landing, Ice Walk, Ship Cruise, Station Visit, Small Boat Cruising
<i>Le Lyrial</i>	France	Abercrombie & Kent USA, LLC	USA	4	190	760	Anchoring, Small Boat Landing, Citizen Science, Ship Cruise, Small Boat Cruising
<i>Le Lyrial</i>	France	Ponant	France	4	200	800	Anchoring, Small Boat Landing, Extended Walk, Ice Landing, Ice Walk, Ship Cruise, Station Visit, Small Boat Cruising
<i>Le Soleal</i>	France	Ponant	France	9	200	1800	Anchoring, Small Boat Landing, Extended Walk, Ice Landing, Ice Walk, Kayaking, Ship Cruise, Snowshoeing, Station Visit, Small Boat Cruising
<i>Magellan Explorer</i>	Bahamas	Antarctica21	Chile	1	65	65	Small Boat Landing, Citizen Science, Kayaking, Marathons, Ship Cruise, Snowshoeing, Station Visit, Small Boat Cruising
<i>Midnatsol</i>	Norway	Hurtigruten AS	Norway	13	450	5850	Anchoring, Small Boat Landing, Citizen Science, Ice Landing, Kayaking, Short Overnight Stays, Ship Cruise, Snowshoeing, Science Support, Small Boat Cruising
<i>National Geographic Explorer</i>	Bahamas	Lindblad Expeditions	USA	10	113	1130	Anchoring, Small Boat Landing, Extended Walk, Ice Walk, Kayaking, Medical evacuation, Polar Plunge, Remote Underwater Vehicle, Ship Cruise, Scuba Diving, Snowshoeing, Skiing, Station Visit, Small Boat Cruising
<i>National Geographic Orion</i>	Bahamas	Lindblad Expeditions	USA	9	91	819	Anchoring, Small Boat Landing, Extended Walk, Ice Walk, Kayaking, Medical evacuation, Polar Plunge, Ship Cruise, Scuba Diving, Snowshoeing, Skiing, Station Visit, Small Boat Cruising
<i>Ocean Adventurer</i>	Bahamas	Quark Expeditions	USA	5	100	500	Small Boat Landing, Citizen Science, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Skiing, Station Visit, Small Boat Cruising

(type) (number)

<i>Ocean Atlantic</i>	Bahamas	Albatros Travel / Albatros Expeditions	Denmark	15	190	2850	Small Boat Landing, Kayaking, Polar Plunge, Ship Cruise, Snowshoeing, Science Support, Station Visit, RPAS Commercial Flight (UAV-C), Small Boat Cruising
<i>Ocean Diamond</i>	Bahamas	Quark Expeditions	USA	8	175	1400	Small Boat Landing, Citizen Science, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
<i>Ocean Endeavour</i>	Bahamas	Quark Expeditions	USA	9	175	1575	Small Boat Landing, Citizen Science, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Skiing, Stand Up Paddle Boarding, Station Visit, Small Boat Cruising
<i>Ocean Nova</i>	Bahamas	Antarctica21	Chile	3	60	180	Small Boat Landing, Citizen Science, Kayaking, Polar Plunge, Ship Cruise, Snowshoeing, Station Visit, Small Boat Cruising
<i>Ortelius</i>	Netherlands	Oceanwide Expeditions	Netherlands	7	115	805	Anchoring, Small Boat Landing, Climbing, Extended Walk, Filming, Helicopter Flight, Helicopter Landing, Ice Landing, Ice Walk, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Scuba Diving, Snowshoeing, Station Visit, Small Boat Cruising
<i>Plancius</i>	Netherlands	Oceanwide Expeditions	Netherlands	12	114	1368	Anchoring, Small Boat Landing, Climbing, Citizen Science, Extended Walk, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Scuba Diving, Snowshoeing, Station Visit, Small Boat Cruising
<i>RCGS Resolute</i>	Bahamas	One Ocean Expeditions Inc.	Canada	12	146	1752	Anchoring, Small Boat Landing, Citizen Science, Filming, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Science Support, Station Visit, Small Boat Cruising
<i>Roald Amundsen</i>	Norway	Hurtigruten AS	Norway	10	480	4800	Anchoring, Small Boat Landing, Citizen Science, Ice Walk, Kayaking, Short Overnight Stays, Ship Cruise, Snowshoeing, Science Support, RPAS Operational / Navigation Flight (UAV-O), Small Boat Cruising

<i>Scenic Eclipse</i>	Malta	Scenic Tours (USA) Inc	USA	10	190	1900	Anchoring, Helicopter Flight, Submersible - Human Occupied Vehicle (HOV), Kayaking, Polar Plunge, Remote Underwater Vehicle, Vessel Alongside
<i>Sea Spirit</i>	Bahamas	Poseidon Expeditions	USA	11	85	935	Anchoring, Small Boat Landing, Citizen Science, Extended Walk, Filming, Ice Landing, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Science Support, Station Visit, RPAS Commercial Flight (UAV-C), Vessel Alongside, Small Boat Cruising
<i>Seabourn Quest</i>	Bahamas	Seabourn Cruise Line Ltd.	USA	5	420	2100	Kayaking, RPAS Commercial Flight (UAV-C), Ship Cruise, Small Boat Cruising, Small Boat Landing, Station Visit
<i>Silver Cloud</i>	Bahamas	Silversea Cruises Ltd.	USA	8	215	1720	Anchoring, Small Boat Landing, Filming, Kayaking, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
<i>Silver Explorer</i>	Bahamas	Silversea Cruises Ltd.	USA	6	125	750	Anchoring, Small Boat Landing, Extended Walk, Filming, Polar Plunge, Ship Cruise, Station Visit, Vessel Alongside, Small Boat Cruising
<i>Silver Whisper</i>	Bahamas	Silversea Cruises Ltd.	USA	1	320	320	Small Boat Landing, Polar Plunge
<i>Ushuaia</i>	Comoros	Antarpply Expeditions	Argentina	15	78	1170	Small Boat Landing, Polar Plunge, Ship Cruise, Small Boat Cruising, Swimming.
<i>World Explorer</i>	Portugal	Quark Expeditions	USA	11	172	1892	Small Boat Landing, Citizen Science, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
			Totals:	315		54202	

(type) (number)

IAATO Operators Air-Cruise Tourism - Peninsula Region - 2019-2020							
Vessel	Vessel Registry	Operator/ Charterer	Country	Est. # Voyages	Est. # Average Load	Est. # of Passengers	Activities incl. Landings
		EYOS Expeditions Ltd.	United Kingdom	1	12	12	Small Boat Landing, Filming, Ice Landing, Ice Walk, Ship Cruise, Station Visit, RPAS Commercial Flight (UAV-C), Small Boat Cruising
		EYOS Expeditions Ltd.	United Kingdom	2	12	24	Small Boat Landing, Ice Landing, Ice Walk, Kayaking, Short Overnight Stays, Snowboarding, Ship Cruise, Snowshoeing, Skiing, Station Visit, RPAS Commercial Flight (UAV-C), Small Boat Cruising
		EYOS Expeditions Ltd.	United Kingdom	1	12	12	Small Boat Landing, Filming, Ice Landing, Ice Walk, Kayaking, Short Overnight Stays, Ship Cruise, Scuba Diving, Snorkeling, RPAS Commercial Flight (UAV-C), Small Boat Cruising
		EYOS Expeditions Ltd.	United Kingdom	2	12	24	Small Boat Landing, Helicopter Flight, Helicopter Landing, Ice Landing, Ice Walk, Kayaking, Short Overnight Stays, Ship Cruise, Snowshoeing, Skiing, Stand Up Paddle Boarding, Station Visit, RPAS Commercial Flight (UAV-C), Small Boat Cruising
<i>Greg Mortimer</i>	Bahamas	Aurora Expeditions	Australia	5	120	600	Small Boat Landing, Climbing, Extended Walk, Kayaking, Polar Plunge, Snowboarding, Ship Cruise, Scuba Diving, Snowshoeing, Skiing, Snorkeling, Stand Up Paddle Boarding, Small Boat Cruising
<i>Hebridean Sky</i>	Bahamas	Polar Latitudes	USA	2	70	140	Small Boat Landing, Citizen Science, Extended Walk, Kayaking, Polar Plunge, Ship Cruise, Snowshoeing, Small Boat Cruising
<i>Legend</i>	Panama	EYOS Expeditions Ltd.	United Kingdom	4	22	88	Small Boat Landing, Helicopter Flight, Helicopter Landing, Submersible - Human Occupied Vehicle (HOV), Ice Landing, Ice Walk, Kayaking, Short Overnight Stays, Ship Cruise, Snowshoeing, Stand Up Paddle Boarding, Station Visit, RPAS Commercial Flight (UAV-C), Small Boat Cruising

<i>MY Hans Hansson</i>	Saint Vincent and the Grenadines	Quixote Expeditions	USA	5	12	60	Small Boat Landing, Small Boat Cruising
<i>MY Hanse Explorer</i>	Antigua and Barbuda	Hanse Explorer GmbH and Co. KG	Germany	3	10	30	Small Boat Landing, Polar Plunge, Ship Cruise
<i>Magellan Explorer</i>	Bahamas	Antarctica21	Chile	18	65	1170	Small Boat Landing, Citizen Science, Kayaking, Marathons, Ship Cruise, Snowshoeing, Station Visit, Small Boat Cruising
<i>Ocean Adventurer</i>	Bahamas	Quark Expeditions	USA	7	100	700	Small Boat Landing, Citizen Science, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Skiing, Station Visit, Small Boat Cruising
<i>Ocean Nova</i>	Bahamas	Antarctica21	Chile	16	60	960	Small Boat Landing, Citizen Science, Kayaking, Polar Plunge, Ship Cruise, Snowshoeing, Station Visit, Small Boat Cruising
<i>S/V Ocean Tramp</i>	Kingston/Saint Vincent and the Grenadines	Quixote Expeditions	USA	4	7	28	Small Boat Landing, Small Boat Cruising
<i>World Explorer</i>	Portugal	Quark Expeditions	USA	3	172	516	Small Boat Landing, Citizen Science, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Station Visit, Small Boat Cruising
			Totals:	73		4364	

IAATO Operators Yacht Tourism - Peninsula Region - 2019-2020							
Vessel	Vessel Registry	Operator/Charterer	Country	Est. # Voyages	Est. # Average Load	Est. # of Passengers	Activities incl. Landings
<i>MY Braveheart</i>	New Zealand	Stoney Creek Shipping Co. Ltd.	New Zealand	1	12	12	Small Boat Landing, Short Overnight Stays, Science Support, Small Boat Cruising
<i>MY Hanse Explorer</i>	Antigua and Barbuda	Hanse Explorer GmbH and Co. KG	Germany	1	10	10	Small Boat Landing, Polar Plunge, Ship Cruise
<i>S/V Australis</i>	Cook Islands	Ocean Expeditions Ltd	Australia	4	9	36	Small Boat Landing, Kayaking, Short Overnight Stays, Ship Cruise, Science Support, Station Visit, RPAS Commercial Flight (UAV-C), RPAS Scientific Flight (UAV-S), Expedition support, Small Boat Cruising

(type) (number)

<i>S/V Golden Fleece</i>	U.K. Overseas Territory	Golden Fleece Expeditions Ltd.	United Kingdom	1	4	4	Anchoring, Small Boat Landing, Citizen Science, Filming, Scuba Diving, Station Visit, RPAS Commercial Flight (UAV-C), RPAS Operational / Navigation Flight (UAV-O), Small Boat Cruising
<i>S/V Icebird</i>	Cayman Is	Icebird Expeditions	Australia	3	5	15	
<i>S/V Ocean Tramp</i>	Saint Vincent and the Grenadines	Quixote Expeditions	USA	2	7	14	Small Boat Landing, Small Boat Cruising
<i>S/V Pelagic Australis</i>	British Virgin Islands	Pelagic Expeditions LTD	United Kingdom	2	8	16	Anchoring, Small Boat Landing, Extended Walk, Filming, Ice Landing, Ice Walk, Kayaking, Skiing, Science Support, Station Visit, RPAS Scientific Flight (UAV-S), Expedition support, Small Boat Cruising
<i>S/V Santa Maria Australis</i>	Germany	SIM Expeditions	Chile	3	9	27	Anchoring, Small Boat Landing, Extended Walk, Snowshoeing, Station Visit, Small Boat Cruising
<i>S/V Selma Expeditions</i>	Poland	Selma Expeditions	Poland	4	8	32	Anchoring, Small Boat Landing, Extended Walk, Filming, Kayaking, Short Overnight Stays, Scuba Diving, Snowshoeing, Skiing, Snorkeling, Science Support, Station Visit, RPAS Commercial Flight (UAV-C), Small Boat Cruising
<i>S/V Spirit of Sydney</i>	St Vincent	Spirit of Sydney Expeditions Pty Ltd	Australia	3	7	21	Anchoring, Small Boat Landing, Climbing, Deep Field Camping, Citizen Science, Extended Walk, Filming, Ice Landing, Ice Walk, Kayaking, Snowshoeing, Skiing, Station Visit, Swimming - Distance, RPAS Commercial Flight (UAV-C), RPAS Operational / Navigation Flight (UAV-O), Expedition support, Small Boat Cruising
			Totals:	24		187	

IAATO Cruise Only Tourism - Peninsula Region - 2019-2020							
Vessel	Vessel Registry	Operator/ Charterer	Country	Est. # Voyages	Est. # Average Load	Est. # of Passengers	Activities incl. Landings
<i>Amsterdam</i>	Netherlands	Holland America Line	USA	1	1300	1300	Ship Cruise
<i>Azamara Pursuit</i>	Malta	Celebrity Cruise Lines/Royal Caribbean/Azamara Cruises	USA	1	620	620	Ship Cruise
<i>Celebrity Eclipse</i>	Malta	Celebrity Cruise Lines/Royal Caribbean/Azamara Cruises	USA	2	2550	5100	Ship Cruise
<i>Coral Princess</i>		Princess Cruises	USA	3	2000	6000	Ship Cruise
<i>Volendam</i>	Netherlands	Holland America Line	USA	1	1350	1350	Ship Cruise
<i>Zaandam</i>	Netherlands	Holland America Line	USA	3	1350	4050	Ship Cruise
			Totals:	11		18420	

IAATO Operators Seaborne Tourism – Continental/Ross Sea - 2019-2020							
Vessel	Vessel Registry	Operator/ Charterer	Country	Est. # Voyages	Est. # Average Load	Est. # of Passengers	Activities incl. Landings
<i>Akademik Shokalskiy</i>	Russia	Heritage Expeditions	New Zealand	2	56	112	
<i>Bremen</i>	Bahamas	Hapag-Lloyd Kreuzfahrten GmbH	Germany	1	140	140	Small Boat Landing, Extended Walk, Kayaking, Short Overnight Stays, Snowshoeing, Station Visit, Small Boat Cruising
<i>Ortelius</i>	Netherlands	Oceanwide Expeditions	Netherlands	2	115	230	Anchoring, Small Boat Landing, Climbing, Extended Walk, Filming, Helicopter Flight, Helicopter Landing, Ice Landing, Ice Walk, Kayaking, Short Overnight Stays, Polar Plunge, Ship Cruise, Scuba Diving, Snowshoeing, Station Visit, Small Boat Cruising
<i>Spirit of Enderby</i>	Russia	Heritage Expeditions	New Zealand	2	58	116	Small Boat Landing, Ice Landing, Ship Cruise, Small Boat Cruising
			Totals:	7		598	

(type) (number)

IAATO Operators Deep-Field Tourism - 2019-2020					
Operator/ Charterer	Country	Antarctic Area Visited	Aircraft Used	Est. # of Passengers	Activities incl. Landings
Icetek Expeditions and Equipment	Australia	Continental	ALE IL-76	10	Aircraft Flight, Aircraft Landing, Deep Field Camping, Ice Walk, Short Overnight Stays, Station Visit
Antarctic Logistics & Expeditions	USA	Continental	TAC IL-76	352	Aircraft Flight, Aircraft Landing, Climbing, Deep Field Camping, Extended Walk, Filming, Gear Depoting, Ice Landing, Ice Walk, Marathons, Other, Skiing, Science Support, Station Visit, Expedition support
Arctic Trucks	United Kingdom	S Shetlands	N/A	18	Deep Field Camping, Citizen Science, Filming, Skiing, Station Visit, RPAS Operational / Navigation Flight (UAV-O)
White Desert Ltd	United Kingdom	Continental	Various	120	Deep Field Camping, Ice Walk, Science Support, Station Visit
DAP Antarctica	Chile	Continental	BAE 146, KingAir 300	120	Aircraft Flight, Aircraft Landing, Small Boat Landing, Extended Walk, Filming, Medical evacuation, Station Visit, Expedition support, Small Boat Cruising
Icetek Expeditions and Equipment	Australia	Continental	Uses TAC Transport	22	Aircraft Flight, Aircraft Landing, Deep Field Camping, Ice Walk, Short Overnight Stays, Station Visit
The Antarctic Company (TAC)	South Africa	Continental	TAC IL-76	91	Aircraft Flight, Aircraft Landing, Climbing, Deep Field Camping, Extended Walk, Filming, Marathons, Short Overnight Stays, Skiing, Station Visit, Expedition support
			Totals:	733	

SUMMARY OF ESTIMATES for 2019-2020 SEASON
(All tourist types)

*Note all numbers and company status are subject to change and are preliminary estimates only

Types of Tourism	Number of Vessels	Number of Departures	Total Number of Passengers
<i>IAATO Traditional Seaborne Tourism Peninsula</i>	38	315	54202
<i>IAATO Seaborne Tourism Ross Seal/Continental</i>	4	7	598
<i>IAATO Sailing Vessels/Yacht Tourism Peninsula</i>	10	24	187
<i>IAATO Air-Cruise Peninsula</i>	10	73	4364
<i>IAATO Large Ships/Cruise-Only Peninsula</i>	6	11	18420
<i>IAATO Deep-Field Tourism</i>	4	54	733