## Catches taken by the Powerboats, the Edinburgh and for the annual Biomass surveys at Tristan da Cunha island since 1990

Susan Johnston<sup>1</sup> and Janine Nelson<sup>2</sup>

- Commercial catches have been removed from Tristan da Cunha since 1990<sup>3</sup>.
- The Edinburgh has been the vessel used to catch outstanding TAC at the island from 2007, being replaced by the Geo Searcher in 2017.
- Since 2006 biomass surveys have been undertaken initially bi-annually until 2013, after which surveys have undertaken annually only (around September each year) at the island. These surveys have resulted in small lobster removals which were included in the overall TAC for 2008 but are taken as an additional "TAC allowance" for other seasons.

\_

<sup>&</sup>lt;sup>1</sup> MARAM, Department of Mathematics and Applied Mathematics, University of Cape Town, Rondebosch, 7701

<sup>&</sup>lt;sup>2</sup> Ovenstone Agency

<sup>&</sup>lt;sup>3</sup> The split season is referred by the first year, i.e. 1990 refers to the 1990/91 season

Table 1: Catches taken from Tristan da Cunha island rock lobster fishery since the 1990 season.

Season	TAC (MT)	Total Catch removals (MT)	Powerboat catches (MT)	Edinburgh / Geo Searcher catches (MT)	Biomass survey take (MT)
1990	147	161.431	161.431	0	0
1991	160	165.347	165.347	0	0
1992	149	137.987	137.987	0	0
1993	145	112.060	112.060	0	0
1994	145	125.342	125.342	0	0
1995	112	112.540	112.540	0	0
1996	112	119.028	119.028	0	0
1997	112	125.765	125.765	0	0
1998	112	114.388	114.388	0	0
1999	120	122.019	122.019	0	0
2000	125	124.391	124.391	0	0
2001	128	127.274	127.274	0	0
2002	128	132.549	132.549	0	0
2003	138	138.463	138.463	0	0
2004	158	157.825	157.825	0	0
2005	160	160.555	160.555	0	0
2006	180	179.594	179.594	0	5.919
2007	185	186.754	169.385	17.369	5.268
2008	190	186.038	168.540	17.498	0.667
2009	185	185.180	129.318	55.862	3.266
2010	180	180.751	167.778	12.973	3.532
2011	174	174.801	149.716	25.085	3.969
2012	170	171.027	122.262	48.765	4.166
2013	165	165.916	151.984	13.932	2.774
2014	161	131.991	74.948	57.043	2.359
2015	120	111.665	83.272	28.393	2.923
2016	120	119.451	119.451	0	2.887
2017*	120	105.155	95.292	9.863	3.305
2018*	120	111.464	99.438	12.026	3.629
2019*	128.498		(100)**	(28.498)**	3.103

<sup>\*</sup> MV. Geo Searcher replaced the MV Edinburgh in March 2017.

<sup>\*\*</sup> Initial approximation of catch split between powerboats and Geo Searcher for 2019 (season currently underway).