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**Boat Launch Site Monitoring System (BLSMS):
2016 Annual Report**

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PROVINCE OF KWAZULU-NATAL

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Shoal (BQ Mann)
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¹Sites in iSimangaliso Wetland Park, ²Sites in Richards Bay Harbour, ³ Sites in Durban Bay/Harbour

HIGHLIGHTS

KwaZulu-Natal (KZN) has a large boat-based marine recreational and commercial industry that includes line-fishing, scuba diving and other activities. Many of the vessels used in this industry are relatively small craft (less than 10 m in length) and are capable of being launched directly through the surf from specially demarcated beach launch sites. Control over these sites is vested in the provincial government in terms of Government Gazette No. 37761 of 27 June 2014 – Management of Public Launch Sites in the Coastal Zone Regulations in terms of Section 83 (1)(d)(i) and (o) of the National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008). This control includes, inter alia, the maintenance of a daily launch register. Stakeholders in these launch sites are the KZN Department of Economic Development, Tourism and Environmental Affairs, the Oceanographic Research Institute, Ezemvelo KwaZulu-Natal Wildlife, KZN Sharks Board, South African Marine Safety Authority, National Sea Rescue Institute, Transnet National Ports Authority, iSimangaliso Wetland Park Authority, the launch site licence holders (mainly municipalities), the launch site operators (mainly ski-boat clubs) and the boat users themselves. Collaboration between the various stakeholders in KZN has resulted in the development of a Boat Launch Site Monitoring System (BLSMS) that generates unique and comprehensive launch statistics and information about associated activities. This innovative system is a province-wide monitoring initiative for launch sites and is an example of unique, mutually beneficial cooperation between different stakeholders towards the common goal of improved management of small craft launch sites in KZN. Good participation by most launch site users has ensured the continued success of the project to date. This report presents all stakeholders with an overview of project progress during 2016 in the interests of maintaining good cooperation.

- In addition to the 24 currently licensed boat launch sites, 18 other launch sites within the jurisdiction of Transnet National Ports Authority (Richards Bay and Durban harbours), Ezemvelo KZN Wildlife and the iSimangaliso Wetland Park Authority, participated in the BLSMS during 2016.
- A total of 52 684 individual marine launch records were received and captured for 2016.
- Ski-boats were the most common type of vessel used for launching (56% of launches).
- The highest number of launches was recorded during holiday periods (March-April and December-January), whilst the lowest number of launches was recorded during the windy season (August-October).
- Sodwana Bay (23%), Durban Harbour and Vetch's Beach (20%), Richards Bay Harbour (9%), Shelly Beach (8%) and Umkomaas (8%) were the launch sites with the highest number of recorded launches.
- Recreational fishing (46% of recorded launches), charter scuba diving (25%), charter fishing (6%) and traditional commercial line-fishing (4%) were the most common motivations for launching in 2016.
- 22 launch sites were used infrequently (<50% of available days) and 11 sites were utilised regularly (>70% of available days).
- In all participating registered launch sites, daily usage levels were generally below the respective official daily launch limits stipulated, except for special events such as fishing competitions.
- Average provincial launch frequencies varied from 121 launches per day on weekdays to 205 launches per day on weekend days.
- Usage of boat launch sites was overwhelmingly a daytime activity with less than 3% of launching/beaching occurring at night.
- A total of 72 290 fish from 129 different species was recorded caught by recreational and charter fishers (line-fishing and spearfishing). Slinger (21%), santer/soldier (11%), tuna species (12%) and rockcod species (9%) were the most commonly reported fish by number (note that commercial fishers are not required to complete the catch return part of the launch register).
- The level of compliance in terms of the completion of the launch register fields during 2016 was generally good, although completion of the targeting and catch return fields was still poor.

1. INTRODUCTION

Access to offshore marine resources of KwaZulu-Natal (KZN) has traditionally been facilitated by the use of off-road vehicles to launch small vessels into the sea, a procedure which can have a negative impact on the environment. In 2002, regulations were promulgated under the National Environmental Management Act (Act No. 107 of 1998) to limit the use of off-road vehicles in the coastal zone (Government Gazette No. 22960). Simultaneously, the launching of vessels from designated beach launch sites was also placed under stricter control with the obligatory licensing of these launch sites. In June 2014 new regulations for the management of public launch sites in the coastal zone were promulgated (Government Gazette No. 37761) in terms of Section 83 (1)(d)(i) and (o) of the National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008). In terms of these regulations, all marine and coastal public launch sites in South Africa (excluding those inside the boundaries of a protected area or within an operational harbour area that has already been physically modified from its original natural state) have to be registered and listed in the Provincial Gazette.

Historically, management of launch sites in KZN was based on safety and logistic considerations with little or no consideration for environmental factors (Town & Regional Planning Commission 1988). The new regulations place greater emphasis on the environment, a task that was delegated to the Coastal Management Unit (CMU) of the provincial Department of Agriculture and Environmental Affairs (now the Department of Economic Development, Tourism and Environmental Affairs [EDTEA]) in 2003. Through extensive stakeholder participation, this licensing initiative introduced a mandatory launch and catch register system as a condition of the Operational and Environmental Management Plan (OEMP) developed for each successfully licensed small craft launch site. This development presented an opportunity for the province's coastal zone managers to obtain useful information on the usage of launch sites and to further the ecological understanding of the use of offshore marine resources accessed through boat launching. The diverse activities of small craft in the coastal zone of KZN represent an important socio-economic and natural resource asset that requires careful management through monitoring, assessment and protection.

The primary purpose of this report is to provide feedback to all stakeholders on the progress and relevant results of the Boat Launch Site Monitoring System (BLSMS) during 2016. The report only presents data on marine launches (including launches made in estuaries and harbours with the intention of travelling to sea) and it does not provide a comprehensive comparison with data from previous years as inter-annual trends are the subject of a separate publication (see Mann *et al.* 2015). Readers should note that the BLSMS is a multi-stakeholder project relying on the joint cooperation of the EDTEA, the Oceanographic Research Institute (ORI), Ezemvelo KZN Wildlife (Ezemvelo), boat launch site licence holders and their delegated operators, as well as launch site users. As of the 1 August 2016, Ezemvelo staff (except within coastal protected areas) were withdrawn from the coast and replaced by fisheries control officers (FCOs) from the Fisheries Branch of the national Department of Agriculture, Forestry and Fisheries (DAFF). DAFF FCOs are primarily responsible for the implementation of the Marine Living Resources Act (Act 18 of 1998) and its associated regulations and have played no part in the BLSMS since their deployment in the province.

2. PROGRESS

2.1 Distribution of registers

A total of 100 register books, each book allowing for the capture of 800 launches, was printed by ORI in March 2016 and given to Ezemvelo for distribution to participating boat launch sites. Ezemvelo was the agency responsible for the distribution and collection of launch registers throughout the province up until the end of July 2016. This function has now been taken over by ORI.

2.2 Receipt of registers

A total of 60 506 individual boat launches were recorded during 2016. Of these, 52 684 individual marine launch records have been captured onto the BLSMS database. The remaining 7 822 were estuarine outings, where vessels did not go to sea. While estuarine boat launch data are captured onto the BLSMS database, these data are not presented in this report.

2.3 Data capture

Capture of data onto the BLSMS database was conducted by three data capture technicians during 2016/17. The large amounts of data that need to be captured and validated, as well as the delay in collection and submission of the launch records to ORI, results in a time lag of 6-9 months before analysis and reporting can be completed.

2.4 Analysis of 2016 data – overall trends

The analysis of 2016 launch records is based on data extracted from the BLSMS database on the 30 September 2017. Any 2016 launch records received by ORI after this date have been omitted from the report. Furthermore, the report does not include launches that indicated an estuary or within a harbour as the launch-specific destination (i.e. estuarine outings), but does include offshore-destined outings that originated in estuaries and harbours (i.e. launch into estuary/harbour and proceed to sea via the mouth).

A total of 52 684 individual marine launch records from 42 different launch sites was received and captured onto the BLSMS database for 2016 (Table 1). This is a 6% decrease on the 56 323 launches received for 2015. The most heavily used launch sites were Sodwana Bay (22.6%), Durban Harbour and Vetch's Beach (20.4%), Richards Bay Harbour (9.1%), Shelly Beach (8.3%) and Umkomaas (8.0%). Vessel types used for launching included ski-boats (56%), inflatable vessels (31%), jet-skis (7%) and paddle-craft (2%) (Table 1).

Launching effort (in terms of the total number of launches recorded) was not evenly distributed throughout all months of the year during 2016 with March (12%) and December (14%) recording the highest number of launches (Table 2). This trend is to be expected given that the main holiday periods (i.e. Easter and Christmas) occur during these periods and that favourable weather conditions and a seasonal abundance of gamefish are normally associated with the summer and autumn months. The lowest monthly boating effort occurred between September and October, which is generally the windiest period of the year.

The voluntary participation in the BLSMS of launch sites within the jurisdiction of Transnet National Ports Authority (TNPA) and the iSimangaliso Wetland Park continued during 2016. Almost all of the boat launch sites under these authorities are now actively supporting the BLSMS, resulting in the system providing good coverage of small-craft launching activities along the entire KZN coast. As paddle-craft, also known as fishing-skis, do not have to be launched at licensed launch sites (except within the iSimangaliso Wetland Park), outings by these vessels are under-reported in the BLSMS (Mann et al. 2012). Paddle-craft are also generally not considered as part of the daily launch limit specified for licensed KZN boat launch sites as a vehicle and trailer do not have to be driven on to the beach in order to launch these craft.

Line-fishing and spearfishing by all boat-based sectors remained the dominant activity (58.9% of recorded launches) by launch site users in 2016 (Tables 1 & 3), followed by scuba diving (25.6%). More specifically, private recreational fishing (46.4% of launches) was the most commonly specified activity, followed by charter scuba diving (24.6%), charter line-fishing (6.3%) and traditional commercial line-fishing (3.9%) (Table 3).

Approximately half (50.3%) of the launches recorded in 2016 were undertaken for private purposes (Tables 1 & 3), followed by charter (33.1%) and commercial fishing launches (3.9%). However, as charter activities are also of a commercial nature (i.e. charter fishing, charter scuba diving and

charter whale watching, etc.), commercial motivation can be regarded as the rationale for at least 37% of the boat launches recorded along the KZN coast during 2016.

Table 1. Inventory of 2016 data captured onto the BLSMS database showing the total number of launches recorded and the percentage contribution by vessel type (inflatables, paddle-craft, jet-skis, ski-boats) and by launching purpose (private fishing, charter scuba diving, etc.). Launch sites are arranged in alphabetical order by name.

Launch Site	Total	Vessel type (%)					Purpose of launch (%)											
		Inflatable	Paddle-craft	Jet-ski	Ski-boat	Unspecified	Charter fishing	Charter pleasure	Charter scuba	Charter shark diving	Charter whale/dolphin watching	Commercial fishing	Practice and boat testing	Private fishing	Private pleasure	Private scuba	Private spearfishing	Other
Amatikulu	21	0	0	14	81	5	0	0	0	0	0	0	0	71	0	0	10	19
Bazley/Mac Nicol's	6	0	0	50	0	50	0	0	0	0	0	0	0	67	0	0	0	33
Cape Vidal ¹	2779	6	7	11	73	3	0	0	0	0	0	0	0	77	0	0	8	15
Chain Rocks	150	18	0	4	71	7	0	0	0	0	0	18	0	68	1	0	3	10
Durban harbour - Bluff Yacht Club ²	222	2	0	0	84	13	0	0	0	0	0	0	0	76	3	0	0	22
Durban harbour - Bobbies Angling Club ²	468	2	0	0	93	5	0	0	0	0	0	0	0	85	0	0	2	13
Durban harbour - Fynlands Angling Club ²	721	6	0	0	90	4	0	0	0	0	0	0	0	91	0	0	1	7
Durban harbour - KZNLTB ²	93	0	0	0	95	5	0	0	0	0	0	0	0	94	0	0	0	6
Durban harbour - Pompano Angling Club ²	78	6	0	0	90	4	0	0	0	0	0	0	0	85	1	0	0	14
Durban harbour - Public Slipway ²	1405	4	0	0	84	12	2	0	0	0	0	0	1	70	2	0	0	25
Durban harbour - Rod & Reel Club ²	1243	4	0	1	89	7	0	0	0	0	0	1	3	73	1	2	1	17
Durban harbour - Wilson's Wharf ²	177	1	0	0	63	36	18	2	0	0	0	1	0	8	10	0	0	61
Durban Vetch's Pier ²	6360	15	0	9	72	3	0	0	4	0	0	0	1	69	1	1	4	20
Glenmore Beach	182	5	1	7	84	3	0	0	0	0	0	0	0	75	1	0	5	19
Granny's Pool/Umhlanga	606	20	0	10	60	10	32	9	1	0	0	0	0	33	1	0	0	23
Hibberdene	776	12	0	3	83	2	1	0	0	0	0	11	0	72	0	1	7	9
Injambili/Pumula	300	23	0	19	54	4	1	0	3	0	0	1	0	73	1	10	2	9
Island Rock ¹	476	97	0	0	3	0	0	20	79	0	0	0	0	0	0	0	0	0
Mabibi ¹	152	100	0	0	0	0	0	70	27	0	0	0	0	0	0	0	0	3
Mapelane ¹	65	2	0	5	86	8	0	0	0	0	0	0	0	92	0	0	5	3
Mtwalume	61	13	46	7	33	2	0	0	2	0	0	0	0	64	0	0	3	31
Pennington	168	1	0	14	70	14	0	0	0	0	0	0	0	77	1	0	1	21
Port Edward	1267	3	0	9	81	7	3	0	0	0	0	35	0	47	0	0	2	12
Ramsgate	366	12	1	24	62	1	1	0	1	0	0	23	0	64	3	0	4	2
Reunion/Isipingo	27	33	0	0	52	15	0	0	0	0	0	0	0	78	0	0	4	19
Richards Bay Meerensee SBC ²	1524	1	0	0	93	6	5	0	0	0	0	0	0	76	0	0	5	14
Richards Bay Ski-boat Club ²	3281	4	0	3	90	3	2	0	1	0	0	0	0	79	1	0	1	16
Rocky Bay/Park Rynie	1648	26	0	2	55	17	24	0	5	15	0	19	0	13	0	1	4	17
Salmon Bay/Ballito	479	5	0	72	19	5	0	0	0	0	0	0	0	71	0	0	0	28
Scottburgh	746	98	0	0	1	0	0	6	85	0	0	0	0	1	0	1	0	7
Sodwana Bay ¹	11930	71	0	1	25	2	4	0	68	0	0	0	0	20	0	1	1	6
Sonny Evans/Shelly Beach	4367	26	0	2	69	2	32	9	14	0	0	6	2	29	0	0	1	8
St Lucia ¹	1171	1	0	5	88	7	29	0	0	0	8	15	0	41	0	0	1	7
Thukela River North Bank	74	5	0	5	89	0	26	0	0	0	0	15	0	55	1	0	0	3

Launch Site	Total	Inflatable	Paddle-craft	Jet-ski	Ski-boat	Unspecified	Charter fishing	Charter pleasure	Charter scuba	Charter shark diving	Charter whale/dolphin watching	Commercial fishing	Practice and boat testing	Private fishing	Private pleasure	Private scuba	Private spearfishing	Other
Umdloti	151	13	0	32	20	36	0	0	0	0	0	0	0	38	0	1	28	32
Umhlali/Tinley Manor	2054	3	37	9	46	4	2	1	0	0	0	11	0	51	1	0	4	31
Umkomaas (includes four launch sites)	4222	69	0	13	16	2	1	0	65	0	0	0	0	21	0	0	3	9
Umlalazi/Mtunzini	575	19	4	28	33	15	1	0	4	0	0	1	0	64	6	0	0	22
Umvoti/Blythdale	729	3	0	35	59	2	0	0	0	0	0	40	1	50	1	0	2	5
Warner Beach/Wamadoone	690	19	0	11	68	2	15	0	1	0	0	0	4	70	0	0	1	8
Westbrook	307	6	0	25	64	5	0	0	0	0	0	0	1	83	0	0	3	13
Zinkwazi	567	0	0	4	91	5	4	0	0	0	0	16	0	72	0	0	0	7
Total	52684	31	2	7	56	4	6	2	25	0	0	4	1	46	1	0	2	13

¹ These sites are under the jurisdiction of the iSimangaliso Wetland Park Authority and ² are under the jurisdiction of Transnet National Ports Authority, and consequently are exempt from mandatory participation in the BLSMS.

Table 2. Overall and per-site monthly number of launches received and captured for 2016. Launch sites are arranged in alphabetical order by name.

Launch Site	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Amatikulu					6	1	1	8	2		3		21
Bazley/Mac Nicol's												6	6
Cape Vidal ¹	349	305	456	191	65	57	143	74	96	107	329	607	2779
Chain Rocks	26	6	10	17	12	18	9	9	16	8	3	16	150
Durban harbour - Bluff Yacht Club ²	21	12	28	22	28	18	14	29	11	9	14	16	222
Durban harbour - Bobbies Angling Club ²	34	18	24	25	54	53	47	56	36	36	44	41	468
Durban harbour - Fynlands Angling Club ²	85	30	53	59	81	63	45	81	41	54	57	72	721
Durban harbour - KZNLTB ²	20	6	4	9	15	3	5	3	5	4	8	11	93
Durban harbour - Pompano Angling Club ²	3	4	8	9	11	2	4	6	4	5	6	16	78
Durban harbour - Public Slipway ²	164	120	120	154	199	93	79	122	83	79	76	116	1405
Durban harbour - Rod & Reel Club ²	138	85	105	107	118	97	90	133	87	65	97	121	1243
Durban harbour - Wilson's Wharf ²	1	32	51		1	24	28	3	14	13	7	3	177
Durban Vetch's Pier ²	370	451	625	646	648	650	454	492	333	360	522	809	6360
Glenmore Beach	36	16	16	24	18	31	13	14	14				182
Granny's Pool/Umhlanga	85	15	72	67	43	40	50	48	40	41	37	68	606
Hibberdene	101	68	70	91	126	31	10	70	31	34	40	104	776
Injambili/Pumula	45	11	20	5	63	17	5	25	19	17	12	61	300
Island Rock ¹	56	39	57	39	27	20	36	47	39	28	29	59	476
Mabibi ¹	5	7	11	7	4		15	27	19	19	13	25	152
Mapelane ¹			1								4	60	65
Mtwalume	8		15	5	13	6	9			3	2		61
Pennington	10	4	19	11	32	3	17	6	3	6	1	56	168
Port Edward	149	79	90	107	112	217	38	89	79	48	67	192	1267
Ramsgate	56	24	30	45	42		19	1	26	28	29	66	366
Reunion/Isipingo			1	4	5	4	2	4	3	2	1	1	27
Richards Bay Meerensee SBC ²	310	133	272	158	274	75	82	207	13				1524
Richards Bay Ski-boat Club ²	433	295	344	244	317	65	98	210	152	143	243	737	3281
Rocky Bay/Park Rynie	224	148	198	146	204	205	148	150	89	85	51		1648
Salmon Bay/Ballito	35	26	67	50	46	31	38	26	13	32	13	102	479
Scottburgh	60	32	116	80	61	81	62	78	62	81	33		746
Sodwana Bay ¹	1208	916	1741	888	770	621	909	654	568	717	1147	1791	11930
Sonny Evans/Shelly Beach	578	281	598	399	328	78	163	277	228	274	256	907	4367
St Lucia ¹	101	41	90	62	67	154	106	73	56	91	56	274	1171
Tugela River North Bank	14	7	11	6	11	9	4	3	3		2	4	74
Umdloti	38	14	19	16	6	2	3		2		10	41	151
Umhlali/Tinley Manor	271	126	159	215	242	126	112	90	52	215	179	267	2054
Umkomaas (includes four launch sites)	472	344	505	436	343	392	268	288	283	295	341	255	4222
Umlalazi/Mtunzini	83	32	66	54	47	44	15	27	13	35	21	138	575
Umvoti/Blythedale	90	46	67	70	95	41	48	54	43	43	44	88	729
Warner Beach/Wamadoone	109	35	59	16	81	84	27	76	89		6	108	690
Westbrook	39	18	30	44	34	37	15	12	15	10	12	41	307
Zinkwazi	73	38	55	44	103	14	44	28	33	14	40	81	567
Total	5900	3864	6283	4572	4752	3507	3275	3600	2715	3001	3855	7360	52684

¹ These sites are under the jurisdiction of the iSimangaliso Wetland Park Authority and ² are under the jurisdiction of Transnet National Ports Authority, and consequently are exempt from mandatory participation in the BLSMS.

Table 3. The most commonly-recorded outing purposes for 2016. Data from all participating KZN launch sites.

Purpose of launch	No. of launches	Proportion (%)
Charter fishing	3293	6.3%
Charter pleasure	797	1.5%
Charter scuba	12944	24.6%
Charter shark diving	262	0.5%
Charter whale/dolphin watching	131	0.2%
Commercial fishing	2037	3.9%
Launch practice and testing	269	0.5%
Private recreational fishing	24438	46.4%
Private pleasure	273	0.5%
Private scuba	260	0.5%
Private spearfishing	1273	2.4%
Other	6707	12.7%
Total	52684	

On a provincial basis, an average of 144 launches per day (week and weekend days combined) were recorded. During weekdays, there was an average of 121 launches per day, while weekend days experienced nearly double the launching effort with an average of 205 launches per day.

Usage of specific launch sites ranged from 1% to 99% of the available 365 days in 2016, averaging 46% of days. Half of the launch sites (22 of the 42 sites) were used on less than 50% of days in 2016, with only 11 sites being used regularly (on >70% of available days). The sites that recorded highest usage levels (in terms of days when launching took place) included Sodwana Bay (99%), Umkomaas (92%), Vetch’s Beach (88%), Shelly Beach (82%), Tinley Manor (81%), Cape Vidal (78%), Durban Harbour public slipway (78%) and Rocky Bay (76%). Readers are reminded that these levels of usage do not consider bad weather days (i.e. days when environmental conditions prevented launching such as strong winds, large surf, etc.). If bad weather days were considered and excluded as potential launching days, then relative launch site usage levels would be considerably higher.

Of the 24 participating launch sites outside the jurisdiction of the TNPA and the iSimangaliso Wetland Park Authority, six sites exceeded their daily launch limit (DLL) on at least one day in 2016. However, the frequency of exceeding the DLL was relatively low and occurred on less than three days at most of these sites except at Tinley Manor and Zinkwazi (DLL exceeded on 7 and 5 days respectively). Readers are reminded that the BLSMS does not provide a true reflection of actual adherence levels to daily launch limits for the following reasons:

- Multiple launches (e.g. a charter scuba vessel making several launches during the same day, etc.) are recorded as individual, separate launches in the BLSMS (in order to reflect actual effort levels for research purposes). However, in terms of DLLs, such multiple launches are considered as a single launch.¹
- Under-reporting of launches is not accounted for in the BLSMS. As such, recorded launches may represent less than the actual launch effort levels at some launch sites.²

¹ Skippers are encouraged to obtain clarity from their respective Boat Launch Site Operators on what officially constitutes a “launch” but DLLs are set based on a vehicle, trailer and vessel entering the coastal zone for the purpose of launching.

² Assessments conducted by ORI comparing BLSMS data from six boat launch sites with independent observer-based trailer count data revealed that launches recorded in the BLSMS register are generally not substantially underestimated (see 2011 BLSMS Annual Report).

The BLSMS may therefore not always present an accurate indication of actual usage levels at all sites (Maggs et al. 2012).

- The BLSMS does not account for daily launch limit exemptions such as those granted for specific ski-boat fishing competitions.³

Consequently, BLSMS data must not be used for compliance purposes in terms of daily launch limit violations.

A total of 72 290 fish from 129 species was recorded caught during 29 041 non-commercial fishing outings (i.e. private recreational fishing, charter fishing and spearfishing). From these outings, only 32% of boat skippers actually took the time to report their catches (note that if no catch was taken this should still be recorded as such in the launch site register by indicating “none” or “zero” in the catch return). This was similar to that recorded in 2015 (Table 4) and this relatively poor level of compliance results in inaccurate estimates of catch rates where total number of fish caught is simply divided by the total number of boats reported to be fishing (see site-specific feedbacks). The most commonly caught fish by number were slinger (19.6%), tuna species (11.7%), soldier/santer (11.3%), rockcod species (8.8%), mackerel (7.1%), dorado/dolphin fish (5.7%), kob species (4.9%), red-eye sardines (3.9%) and emperor/scavenger species (3.4%). Reported catches of yellowfin tuna (2.6%) remained similar to numbers caught during 2015, while catches of dorado/dolphinfish (5.7%) increased and king mackerel (2.1%) decreased (Figure 1).

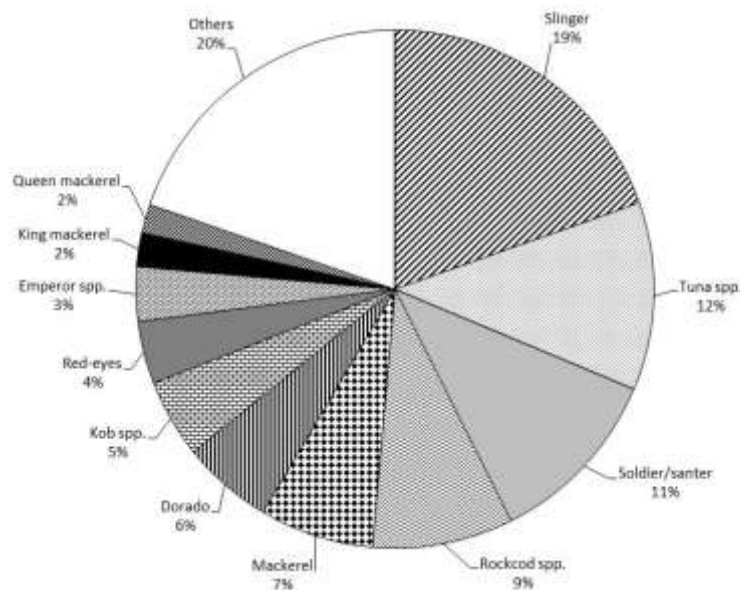


Figure 1. Species composition by number of the top line-fish species recorded in recreational catches on the BLSMS register in KwaZulu-Natal during 2016.

Gamefish (targeted in 50% of outing hours) and bottomfish (targeted in 37% of outing hours) were by far the most popular targets for non-commercial line-fishers, with baitfish being targeted during 10% of outing hours. Billfish and sharks were targeted in approximately 1.7% and 0.7% of recreational fishing outing hours respectively. There was still generally poor compliance with regard to completion of the targetting field in the launch registers (i.e. only 15% of anglers filled it in – see Table 4).

³ Exemptions to exceed daily launch limits on special occasions (e.g. fishing competitions) are issued by the Coastal and Biodiversity Management Unit of the KZN Department of Economic Development, Tourism and Environmental Affairs.

2.5 Analysis of 2016 data – site specific trends

Readers are reminded that the above-mentioned demographics of launch site usage show high site-specificity. Readers should therefore consult the individual launch site feedbacks for site-specific details (see pages 13-54).

2.6 Biases associated with BLSMS data

It is imperative that readers realise the inherent biases associated with monitoring initiatives such as the BLSMS, and the potential implications for the interpretation of data. For detailed information on the typical biases found in BLSMS data and the potential effects thereof, it is recommended that readers consult the 2004 BLSMS Annual Report (Pradervand *et al.* 2005). The major biases listed include *unknown coverage* (i.e. not all launches are recorded in the register) and *prestige bias* (i.e. successful anglers are more likely to complete the catch return section of the register than unsuccessful anglers thereby exaggerating catch rate estimates). Readers should be aware of such biases prior to making any inferences from the data or the results and trends presented in this report.

3. COMPLIANCE WITH REGISTER COMPLETION

The level of compliance in the completion of the register fields by users in 2016 was similar to that recorded in 2015 (Table 4). The generally high levels of field-specific compliance was not only a result of the continued responsible input from boat skippers, but also due to the ability of the data capturers who, when possible, completed register fields omitted by skippers (providing enough data existed to enable informed choices to be made in this regard). For example, destinations given by name instead of the grid map co-ordinates were converted (e.g. Aliwal Shoal → K-46), omitted vessel types (ski-boat, inflatable, etc.) were assigned based on previous fully-completed launch records for those specific vessels, etc. However, the completion of “targeting of effort” and “catch return” fields in the register still remains very poor (Table 4).

Table 4. Annual percentage compliance with various fields in the launch register by all participating KZN launch sites during the period 2005–2016 (fields arranged in order of appearance in register).

Register field	Compliance (%)											
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Boat name*	92	90	87	82	82	83	83	86	86.2	88.5	90.6	91.7
Boat number*	98	99	98	99	99	99.6	99.8	99.6	99.4	99.0	98.4	98.4
Number of persons	97	96	95	96	96	96	96	97	97.0	97.0	96.8	96.8
Vessel type	100	100	100	100	99.9	99.9	99.9	99.9	100.0	96.4	96	95.7
Type of outing	100	100	100	100	99.9	99.9	99.9	99.9	100.0	99.7	99.6	99.2
Purpose	100	100	100	100	99.9	99.6	99.8	99.9	99.9	86.3	87.9	88.0
Destination	77	72	71	75	72	73	73	71	70.1	67.6	67.6	65.2
Launch time	86	86	94	98	97	97	98	98	97.5	97.0	97.2	97.7
Return time	82	80	84	80	83	91	95	95	95.7	94.2	94.7	95.1
Targeting of effort**	31	26	21	11	7	15	15	19	19.3	17.7	16.1	14.9
Catch return**	51	42	37	36	32	30	31	34	34.1	32.1	32.9	31.6

* excluding jet-skis and paddle-craft

** expressed in terms of non-commercial line-fishing and spearfishing outings only

4. BLSMS OUTPUT

Four official requests were received for BLSMS data during the period 01 January – 31 December 2016 (Table 5). The system also continues to be used for both management decision-making and research purposes. A useful popular article was published in Ski-boat Magazine (Mann and Maggs 2016) to inform users of the importance of this monitoring system. A comprehensive BLSMS Annual Report (2015 data analysis) was produced and electronic copies of the report were distributed to all stakeholders.

Table 5. Summary of requests made for BLSMS data during 2016.

Date	Requesting agency	Subject	Reason
Jan 2016	ORI	Sodwana Bay catch and effort	Reporting
Mar 2016	Private	Rocky Bay vessel outings	Feedback
Apr 2016	ORI	iSimangaliso ski-boat catches 2004-14	Consultancy
Aug 2016	CSIR	Durban Harbour catch and effort 2004-14	Academic

4.1 2016 Publications featuring the KZN BLSMS

Unpublished reports

Mann BQ, Khumalo D, Maggs JQ, Els M, Mselegu X. 2016. Boat Launch Site Monitoring System (BLSMS): 2015 Annual Report. *Unpublished Report, Oceanographic Research Institute, Durban* 333: 52p.

Maggs JQ, Mann BQ, Els M, Khumalo D. 2016. National Marine Linefish System: KZN recreational fisheries monitoring data collection by Ezemvelo KZN Wildlife: 2015 Annual Report. *Unpublished Report, Oceanographic Research Institute, Durban*: 65pp.

Popular articles

Mann BQ, Maggs JQ. 2016. Register here – KZN Launch Site Monitoring System has real value. *Ski-boat Magazine* 32(2): 75-76.

5. EVALUATION OF THE SYSTEM

Progress of the BLSMS has again been relatively good although the withdrawal of Ezemvelo KZN Wildlife staff from the coast hampered the distribution and collection of launch register data. This function will be taken over by technical staff from ORI during 2017. With the exception of poor reporting of targeting and catch returns (see Section 3 on compliance) and the delayed availability of registers at some sites, most stakeholders fulfilled their respective functions during the reporting period, and the system once again generated a substantial quantity of data which has improved the knowledge base available to users, coastal zone managers and decision-makers in KZN. Ultimately, the BLSMS has led to the improved management of launch sites in KZN and is a model which could potentially be rolled out in other coastal provinces of South Africa and further afield.

6. ACTIVITIES OF THE BOAT LAUNCH SITE TECHNICAL COMMITTEE (BLSTC)

No meetings of the KZN BLSTC were held during 2016. During this period, however, members of the BLSTC continued to comment on requests for special events and beach driving permit applications received periodically from DEA.

7. ACKNOWLEDGEMENTS

The KZN Department of Economic Development, Tourism and Environmental Affairs (EDTEA) and the South African Association for Marine Biological Research (SAAMBR) are gratefully acknowledged for providing funding and logistic support for this important monitoring project. Ezemvelo KZN Wildlife is acknowledged for providing the manpower needed to service the distribution, collection and submission of launch register returns up until the end of July 2016. All participating boat launch site licence holders and operators - especially those from exempted launch sites - are thanked for their continued efforts. Finally, individual skippers and other users of launch sites who took the time to complete the BLSMS registers are thanked for their on-going cooperation.

8. REFERENCES CITED

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Mann, BQ, Maggs JQ, Khumalo MC, Khumalo D, Parak O, Wood J, Bachoo S. 2015. The KwaZulu-

- Natal Boat Launch Site Monitoring System: A novel approach for improved management of small vessels in the coastal zone. *Ocean & Coastal Management* 104: 57-64.
- Mann BQ, Pradervand P, Maggs JQ, Wintner S. 2012. A characterisation of the paddle-ski fishery in KwaZulu-Natal, South Africa. *African Journal of Marine Science* 34(1): 119-130.
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- Town and Regional Planning Commission. 1988. Survey of the ski-boat launching sites along the Natal coast. Interim Policy Statement, Natal Town and Regional Planning Commission, Revision of Report 6.5.1: 116p.

BOAT LAUNCH SITE FEEDBACK

Boat launch site:	Island Rock
Feedback period:	Jan – Dec 2016
Daily launch limit:	6

Management Authority
iSimangaliso Wetland Park Authority

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	46	38	57	39	26	20	36	47	39	28	29	59	464
Jet-ski														
Paddle-craft														
Ski-boat	10	1			1								12	
Purpose	Charter fishing	1												1
	Charter pleasure	9	3	8	4	4	4	13	17	9	10	2	13	96
	Charter scuba	46	36	49	35	23	16	23	30	29	18	27	46	378
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing													
	Private pleasure									1				1
	Private scuba													
	Private spearfishing													
	Other/ unspecified													
	Total launches	56	39	57	39	27	20	36	47	39	28	29	59	476

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	2
	% days launched	71%
	No. days limit exceeded	0
	Persons on vessel ²	7
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	2.02
	Popular destination	AI-10 78%

2. In terms of averages

Recreational catch returns	Targeting	N/A		
	Diversity	N/A		
	Main catch composition			
		N/A	N/A	
	Catch rate (retained fish)			
		N/A		

Entries completed	Date	100%	Outing purpose	100%
	Boat name	100%	Destination	100%
	Boat No.	100%	Launch time	100%
	No. persons	100%	Return time	100%
	Vessel type	100%	Targeting	N/A
	Outing type	100%	Catch return	N/A

Comments	11% decrease in the number of launches compared to 2015. This is a concession launch site primarily used for scuba diving and pleasure charters. The site is generally not accessible to private operators. Compliance with register completion was very good.
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BOAT LAUNCH SITE FEEDBACK

Boat launch site: Mabibi

Feedback period: Jan – Dec 2016

Daily launch limit: 2

Management Authority
iSimangaliso Wetland Park Authority

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	5	7	11	7	4		15	27	19	19	13	25	152
Jet-ski														
Paddle-craft														
Ski-boat														
Unspecified														

Purpose	Charter fishing	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Charter pleasure	4	5	4	2	1		9	23	16	18	9	16	107
Charter scuba	1	2	3	5	3		6	4	3	1	4	9	41	
Charter whale/dol. ¹														
Commercial fishing														
Private fishing														
Private pleasure														
Private scuba														
Private spearfishing														
Other/ unspecified			4										4	
Total launches	5	7	11	7	4	0	15	27	19	19	13	25	152	

1. Charter whale/dolphin viewing

General results	Launches/day ²	1
	Launches/weekday ²	1
	Launches/weekend day ²	1
	% days launched	31%
	No. days limit exceeded	1
	Persons on vessel ²	7
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	0
	Popular destination	AH-11 89%

2. In terms of averages

Recreational catch returns	Targeting	N/A	
	Diversity	N/A	
		N/A	N/A
		N/A	

Entries Completed	Date	100%	Outing purpose	97%
	Boat name	100%	Destination	95%
	Boat No.	100%	Launch time	99%
	No. persons	98%	Return time	99%
	Vessel type	100%	Targeting	N/A
	Outing type	100%	Catch return	N/A

Comments 9% decrease in the number of launches compared to 2015. This is a concession launch site primarily used for pleasure trips and scuba diving charters. The site is generally not accessible to private operators. Compliance with register completion was very good.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Sodwana Bay

Feedback period: Jan – Dec 2016

Daily launch limit: 100

Management Authority
iSimangaliso Wetland Park Authority

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	828	653	1168	663	586	492	679	544	459	585	621	1209	8487
Jet-ski	21	6	48	6	13	3	1	13	11	13	7	28	170	
Paddle-craft	1		4			1						4	10	
Ski-boat	343	243	498	204	147	118	218	89	88	97	485	456	2986	
Unspecified	15	14	23	15	24	7	11	8	10	22	34	94	277	
Purpose	Charter fishing	80	66	83	15	39	22	44	15	31	20	34	36	485
	Charter pleasure	2	1	2	3		6	11	1	1	1		1	29
	Charter scuba	802	622	1115	640	560	465	641	514	446	559	580	1154	8098
	Charter whale/dol. ¹						1	8	19	2	3			33
	Commercial fishing													
	Private fishing	256	157	402	171	122	87	149	58	65	82	394	446	2389
	Private pleasure	6	3	2	1	1	1	1		1	1		4	21
	Private scuba	4	10	14	7	1	3				3	8	12	62
	Private spearfishing	11	6	23	7	8	2	4		4	5	14	24	108
	Other/ unspecified	47	51	100	44	39	34	51	47	18	43	117	114	705
Total launches	1208	916	1741	888	770	621	909	654	568	717	1147	1791	11930	

1. Charter whale/dolphin viewing

General results	Launches/day ²	33
	Launches/weekday ²	31
	Launches/weekend day ²	38
	% days launched	99%
	No. days limit exceeded	8
	Persons on vessel ²	8
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	3.26
Popular destination	AH-13	
	84%	

Recreational catch returns	Targeting	84% gamefish
		9% billfish
	Diversity	22 spp.
	Main catch composition	
	Unsp. tuna	32.3%
	King mackerel	20.9%
	Yellowfin tuna	12.5%
	Skipjack tuna	10.0%
	Dorado/dolphin fish	7.6%
	Catch rate (retained fish)	
0.57 fish/outing		

2. In terms of averages

Entries completed	Date	100%	Outing purpose	95%
	Boat name	96%	Destination	77%
	Boat No.	99%	Launch time	98%
	No. persons	99%	Return time	96%
	Vessel type	98%	Targeting	12%
	Outing type	99%	Catch return	15%

Comments A 2% decrease in number of launches compared to 2015. Monitoring by Ezemvelo staff still shows under-reporting of private fishing launches on the BLS register. Very high usage level (used on 99% of days in 2016). Daily launch limit exceeded on eight days. Charter scuba diving was the main activity (68% of launches), followed by private recreational fishing (20%). Catch composition of king mackerel and tuna species was similar to 2015. Good completion of register fields except targeting and catch returns which continued to be poorly reported.

BOAT LAUNCH SITE FEEDBACK

Boat launch site:	Cape Vidal
Feedback period:	Jan – Dec 2016
Daily launch limit:	40

Management Authority
iSimangaliso Wetland Park Authority

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	20	24	10	13	8	2	8	12	3	10	15	34	159
Jet-ski	48	12	56	16	7	2	24	6	24	6	40	67	308	
Paddle-craft	6	5	49	5	9	3	17	2	2	21	43	27	189	
Ski-boat	269	243	333	149	40	47	90	48	62	67	215	463	2026	
Unspecified	6	21	8	8	1	3	4	6	5	3	16	16	97	

Purpose														Total
	Charter fishing		2	1	2								1	
Charter pleasure									1					1
Charter scuba				1										1
Charter whale/dol. ¹				1										1
Commercial fishing														
Private fishing	292	242	358	137	46	33	80	54	72	87	245	501	2147	
Private pleasure									1				1	
Private scuba		5											5	
Private spearfishing	19	14	15	11	12	17	45	14	11	6	29	17	210	
Other/ unspecified	38	42	82	39	7	7	18	6	11	14	54	89	407	
Total launches	349	305	456	191	65	57	143	74	96	107	329	607	2779	

1. Charter whale/dolphin viewing

General results	Launches/day ²	10
	Launches/weekday ²	9
	Launches/weekend day ²	12
	% days launched	78%
	No. days limit exceeded	3
	Persons on vessel ²	3
	Proportion night launches	1%
	Proportion night beachings	0%
	Duration of outing (hours) ²	5.41
	Popular destination	AF-20 79%

2. In terms of averages

Recreational catch returns	Targeting	90% gamefish 6% baitfish
	Diversity	26 spp
	Main catch composition	
	Dorado/dolphin fish	30.1%
	King mackerel	22.7%
	Unsp. tuna	17.1%
	Eastern little tuna	7.4%
	Yellowfin tuna	6.1%
	Catch rate (retained fish)	
	0.92 fish/outing	

Entries completed	Date	100%	Outing purpose	86%
	Boat name	96%	Destination	76%
	Boat No.	100%	Launch time	98%
	No. persons	99%	Return time	94%
	Vessel type	97%	Targeting	20%
	Outing type	99%	Catch return	36%

Comments	A 10% increase in the number of launches compared to 2015. Relatively high usage level (used on 78% of days in 2016) but with a notable decrease in number of launches between May-October. Daily launch limit exceeded on three days. Private recreational fishing (77%) was the main purpose for launching. Catch composition was dominated by dorado, king mackerel and a variety of tuna species. Good completion of register fields except targeting and catch returns.
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BOAT LAUNCH SITE FEEDBACK

Boat launch site: St Lucia

Feedback period: Jan – Dec 2016

Daily launch limit: 40

Management Authority
iSimangaliso Wetland Park Authority

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable					2	1	2		1	1	1		1
Jet-ski		6		5	3	3	2	16		1	3	1	14	54
Paddle-craft														
Ski-boat		93	40	84	57	63	112	89	71	54	79	55	234	1031
Unspecified		2	1	1			38	1	1		8		25	77
Purpose	Charter fishing	32	24	28	23	23	27	31	24	16	27	21	60	336
	Charter pleasure													
	Charter scuba													
	Charter whale/dol. ¹						17	16	24	12	15	11	3	98
	Commercial fishing	16	10	18	17	18	16	17	10	13	13	13	11	172
	Private fishing	48	6	43	22	26	44	40	14	14	29	11	181	478
	Private pleasure													
	Private scuba													
	Private spearfishing	2	1				1				2			6
	Other/ unspecified	3	0	1	0	0	49	2	1	1	5	0	19	81
Total launches		101	41	90	62	67	154	106	73	56	91	56	274	1171

1. Charter whale/dolphin viewing

General results	Launches/day ²	5
	Launches/weekday ²	4
	Launches/weekend day ²	6
	% days launched	69%
	No. days limit exceeded	0
	Persons on vessel ²	5
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	5.36
Popular destination	AD-25	
	50%	

2. In terms of averages

Recreational catch returns	Targeting	72% gamefish
		28% bottomfish
	Diversity	14 spp.
	Main catch composition	
	Unsp. tuna	34.8%
	Yellowfin tuna	27.8%
	Dorado/dolphin fish	19.5%
	King mackerel	8.2%
	Queen mackerel	4.5%
	Catch rate (retained fish)	
2.71 fish/outing		

Entries completed	Date	100%	Outing purpose	93%
	Boat name	100%	Destination	0%
	Boat No.	100%	Launch time	95%
	No. persons	98%	Return time	89%
	Vessel type	93%	Targeting	49%
	Outing type	100%	Catch return	74%

Comments A 7% decrease in number of launches compared to 2015. Moderately high usage level (used on 69% of days in 2016). Private recreational fishing (41%) and charter fishing (29%) and were the main activities. Percentage of whale-watching launches (8%) remained similar to 2015. Catch composition was dominated by tuna species and increased catches of dorado. Reasonable completion of the launch register but continued lack of compliance with the destination field.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Mapelane

Feedback period: Jan – Dec 2016

Daily launch limit: 40

Management Authority
iSimangaliso Wetland Park Authority

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable				1									
Jet-ski													3	3
Paddle-craft														
Ski-boat												4	52	56
Unspecified													5	5

Purpose															Total
	J	F	M	A	M	J	J	A	S	O	N	D			
Charter fishing															
Charter pleasure															
Charter scuba															
Charter whale/dol. ¹															
Commercial fishing															
Private fishing												4	56	60	
Private pleasure															
Private scuba															
Private spearfishing													3	3	
Other/ unspecified				1									1	2	
Total launches				1								4	60	65	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	3
	Launches/weekend day ²	4
	% days launched	5%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	5.63
	Popular destination	AD-25 60%

2. In terms of averages

Recreational catch returns	Targeting	94% gamefish 6% baitfish
	Diversity	10 spp.
	Main catch composition	
	Dorado/dolphin fish	76.6%
	Unsp. tuna	9.9%
	Eastern little tuna	2.7%
	King mackerel	2.7%
	Yellowfin tuna	2.7%
	Catch rate (retained fish)	
	1.76 fish/outing	

Entries completed	Date	100%	Outing purpose	97%	
	Boat name	100%		Destination	85%
	Boat No.	100%		Launch time	98%
	No. persons	100%		Return time	94%
	Vessel type	92%		Targeting	35%
	Outing type	100%		Catch return	70%

Comments There has been a problem with the implementation of the boat launch register at Mapelane for two years now and it appears that the book was only made available for completion of launches in late November/December 2016. Both Ezemvelo KZN Wildlife and Mapelane Ski-boat Club are requested to make sure that the launch register book is available and completed for all launches at this site.

BOAT LAUNCH SITE FEEDBACK

Boat launch site:	Meerensee SBC
Feedback period:	Jan – Dec 2016
Daily launch limit:	Not stipulated

Jurisdiction
Transnet National Ports Authority – Richards Bay

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable		3	1	3	2		1						
Jet-ski						1	1		3					5
Paddle-craft		1												1
Ski-boat		299	130	252	148	256	67	74	186	11				1423
Unspecified		7	2	17	8	17	6	8	18	2				85
Charter fishing		16	4	14	10	10	6	11	8	2				81
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing									1					1
Private fishing		241	100	202	116	218	58	56	152	8				1151
Private pleasure		2	1											3
Private scuba														
Private spearfishing		13	2	12	9	17	6	2	12					73
Other/ unspecified		38	26	44	23	29	5	13	34	3				215
Total launches		310	133	272	158	274	75	82	207	13				1524

1. Charter whale/dolphin viewing

General results	Launches/day ²	10
	Launches/weekday ²	7
	Launches/weekend day ²	16
	% days launched	44%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	2%
	Proportion night beachings	8%
	Duration of outing (hours) ²	7.42
	Popular destination	Y-29 41%

2. In terms of averages

Recreational catch returns	Targeting	62% bottomfish 33% gamefish
	Diversity	32 spp.
	Main catch composition	
	Slinger	31.6%
	Unsp. kob	16.3%
	Unsp. rockcod	7.4%
	Queen mackerel	5.6%
	Soldier/santer	5.3%
	Catch rate (retained fish)	
	0.33 fish/outing	

Entries completed	Date	100%	Outing purpose	86%
	Boat name	99%	Destination	96%
	Boat No.	100%	Launch time	99%
	No. persons	100%	Return time	98%
	Vessel type	94%	Targeting	4%
	Outing type	100%	Catch return	5%

Comments	A 54% decrease in number of launches compared to 2015 but this is likely because no launch data was received from October-December 2016. Moderate level of site usage (used on 44% of days during 2016). Private recreational fishing was the main activity (76%). High percentage of slinger and unspecified kob species in catches. Good compliance with completion of register fields with the exception of targeting and catch return fields, which continue to be very poorly completed.
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BOAT LAUNCH SITE FEEDBACK

Boat launch site: Richards Bay Ski-boat Club

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction
Transnet National Ports Authority – Richards Bay

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	14	4	13	16	28	1	4	10	4	4	5	23	126
Jet-ski	10	4	12	5	6	1	5	3	10	5	10	17	88	
Paddle-craft			1					2					3	
Ski-boat	392	270	304	216	278	61	86	187	132	127	224	673	2950	
Unspecified	17	17	14	7	5	2	3	8	6	7	4	24	114	

Purpose	Charter fishing	10	8	7	1	4			3	2	8	7	9	59
	Charter pleasure													
	Charter scuba	4	1	2	11	19								37
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing	331	230	271	179	237	55	88	178	123	100	195	603	2590
	Private pleasure	2		4					1		1	4	6	18
	Private scuba	3	1	2								1		7
	Private spearfishing	7	5	8	11	3	2	1		2	1		2	42
	Other/ unspecified	76	50	50	42	54	8	9	28	25	33	36	117	528
Total launches	433	295	344	244	317	65	98	210	152	143	243	737	3281	

1. Charter whale/dolphin viewing

General results	Launches/day ²	13
	Launches/weekday ²	10
	Launches/weekend day ²	19
	% days launched	70%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	1%
	Proportion night beachings	4%
	Duration of outing (hours) ²	4.64
Popular destination	AB-27	
	35%	

2. In terms of averages

Recreational catch returns	Targeting	48% bottomfish
		41% gamefish
	Diversity	78 spp.
	Main catch composition	
	Slinger	33.1%
	Soldier/santer	11.7%
	Unsp. kob	7.8%
	Unsp. rockcod	7.4%
	Dorado/dolphin fish	5.2%
	Catch rate (retained fish)	
2.33 fish/outing		

Entries completed	Date	100%	Outing purpose	84%
	Boat name	95%	Destination	88%
	Boat No.	100%	Launch time	99%
	No. persons	99%	Return time	98%
	Vessel type	97%	Targeting	16%
	Outing type	100%	Catch return	27%

Comments
A 16% decrease in number of launches compared to 2015. Relatively high level of site usage (used on 70% of days during 2016). Private recreational fishing remained the main activity (79% of launches). Catch composition remained similar to 2015 being dominated by bottom fish such as slinger, soldier and unspecified kob species. Good compliance in the completion of most register fields except targeting and catch return fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Umlalazi/Mtunzini

Launch Site Licence Holder
Ezemvelo KZN Wildlife

Feedback period: Jan – Dec 2016

Daily launch limit: 30 (offshore)

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	4	1	12	22	9	14	6	9	2	10	5	15	109
Jet-ski	38	10	22	14	10	6		4	1	5	5	48	163	
Paddle-craft		3			1	1				1		16	22	
Ski-boat	30	10	25	14	13	12	2	11	8	10	10	47	192	
Unspecified	11	8	7	4	14	11	7	3	2	9	1	12	89	
Purpose	Charter fishing	3		1			1		1				6	
	Charter pleasure													
	Charter scuba			1	18	5							24	
	Charter whale/dol. ¹													
	Commercial fishing	2	2	1	1		1				1		8	
	Private fishing	50	21	42	17	28	31	10	24	9	21	10	107	370
	Private pleasure	7	2	5	5	3	4		1		5	1	4	37
	Private scuba				1	1								2
	Private spearfishing				1									1
	Other/ unspecified	21	7	16	11	10	8	4	2	3	8	10	27	127
Total launches	83	32	66	54	47	44	15	27	13	35	21	138	575	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	2
	Launches/weekend day ²	4
	% days launched	53%
	No. days limit exceeded	0
	Persons on vessel ²	2
	Proportion night launches	1%
	Proportion night beachings	2%
	Duration of outing (hours) ²	5.93
	Popular destination	U-31
	44%	

2. In terms of averages

Recreational catch returns	Targeting	77% bottomfish
		20% gamefish
	Diversity	33 spp.
	Main catch composition	
	Unsp. kob	34.3%
	Slinger	33.9%
	Unsp. rockcod	6.1%
	Soldier/santer	4.9%
	Queen mackerel	3.7%
	Catch rate (retained fish)	
	4.01 fish/outing	

Entries completed	Date	100%	Outing purpose	79%
	Boat name	96%	Destination	38%
	Boat No.	98%	Launch time	98%
	No. persons	98%	Return time	97%
	Vessel type	85%	Targeting	17%
	Outing type	99%	Catch return	45%

Comments A 22% increase in the number of launches compared to 2015. Moderate level of site usage (used on 53% of days). Private recreational fishing (64%) was the main reason given for launching although there were a large number of outings (22%) where purpose was not specified. Similar catch composition to 2015 but poor identification of species (i.e. kob & rockcod). Poor compliance with destination and targeting fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Amatikulu

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Launch Site Licence Holder
Mandeni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable													
Jet-ski												3		3
Paddle-craft														
Ski-boat						5	1	1	8	2				17
Unspecified						1								1

Purpose	Charter fishing														
	Charter pleasure														
	Charter scuba														
	Charter whale/dol. ¹														
	Commercial fishing														
	Private fishing						4		7	2		2		15	
	Private pleasure														
	Private scuba														
	Private spearfishing								1	1					2
	Other/ unspecified						2	1					1		4
	Total launches						6	1	1	8	2		3		21

1. Charter whale/dolphin viewing

General results	Launches/day ²	1
	Launches/weekday ²	2
	Launches/weekend day ²	1
	% days launched	4%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	0%
	Proportion night beachings	5%
	Duration of outing (hours) ²	5.62
	Popular destination	U-32 50%

2. In terms of averages

Recreational catch returns	Targeting	100% bottomfish
	Diversity	8 spp.
	Main catch composition	
	Squairetail kob	39.3%
	Slinger	29.5%
	Unsp. kob	13.4%
	Unsp. rockcod	7.1%
	Soldier/santer	3.6%
	Catch rate (retained fish)	
	6.59 fish/outing	

Entries completed	Date	100%	Outing purpose	90%	
	Boat name	88%		Destination	10%
	Boat No.	100%		Launch time	100%
	No. persons	100%		Return time	95%
	Vessel type	95%		Targeting	29%
	Outing type	90%		Catch return	47%

Comments	Amatikulu launch site was officially closed during 2016 because of the northward migration of the estuary mouth and the lack of a safe launching area. The launches that were recorded at this site during 2016 were therefore illegal, as was the use of the track behind the dunes to access the estuary mouth.
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BOAT LAUNCH SITE FEEDBACK

Boat launch site: Thukela

Launch Site Licence Holder
Mandeni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable									1	1			2
Jet-ski						1	1	2						4
Paddle-craft														
Ski-boat		14	7	11	6	10	8	2	2	2		2	2	66
Unspecified														

Purpose														Total
	Charter fishing	2	1	2	3	3	3	1					2	2
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing	6	4	1											11
Private fishing	6	2	8	3	7	6	2	2	3				2	41
Private pleasure					1									1
Private scuba														
Private spearfishing														
Other/ unspecified							1	1						2
Total launches	14	7	11	6	11	9	4	3	3			2	4	74

1. Charter whale/dolphin viewing

General results	Launches/ day ²	1
	Launches/ weekday ²	1
	Launches/ weekend day ²	2
	% days launched	16%
	No. days limit exceeded	0
	Persons on vessel ²	4
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	6.97
	Popular destination	S-33 88%

Recreational catch returns	Targeting	90% bottomfish 10% gamefish
	Diversity	23 spp.
	Main catch composition	
	Unsp. kob	37.6%
	Unsp. rockcod	24.3%
	Slinger	17.5%
	Unsp. grunter	11.3%
	Soldier/santer	2.3%
	Catch rate (retained fish)	
	23.3 fish/outing	

2. In terms of averages

Entries completed	Date	100%	Outing purpose	97%
	Boat name	96%	Destination	77%
	Boat No.	100%	Launch time	97%
	No. persons	100%	Return time	99%
	Vessel type	100%	Targeting	82%
	Outing type	100%	Catch return	95%

Comments A further 10% decline in number of launches compared to 2015. This can be attributed to erosion of the beach making it difficult for vehicles and trailers to access the beach for launching. Low use of site with launching occurring on only 16% of available days. Private recreational fishing (55%) and charter fishing (26%) were the main reasons for launching. Similar catch composition and catch rate to 2015. Better fish identification needed at this launch site. Good compliance with completion of all launch register fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Zinkwazi

Launch Site Licence Holder
KwaDukuza Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 15

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total	
	Inflatable			1										1	2
Jet-ski		2		1	3	3			4			2	5	20	
Paddle-craft															
Ski-boat		67	36	50	39	97	12	41	21	33	14	37	71	518	
Unspecified		4	1	4	2	3	2	3	3			1	4	27	
Purpose	Charter fishing		1		4	3		2	5		1	2	4	22	
	Charter pleasure														
	Charter scuba														
	Charter whale/dol. ¹														
	Commercial fishing		1	10	17	10	14	6	1		10	7	8	92	
	Private fishing		63	23	33	25	76	8	40	20	23	5	28	64	408
	Private pleasure			1											1
	Private scuba														
	Private spearfishing			1			1								2
	Other/ unspecified		9	2	5	5	9		1	3		1	2	5	42
Total launches		73	38	55	44	103	14	44	28	33	14	40	81	567	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	3
	Launches/weekend day ²	5
	% days launched	47%
	No. days limit exceeded	5
	Persons on vessel	3
	Proportion night launches	2%
	Proportion night beaching	3%
	Duration of outing (hours)	6.81
	Popular destination	R-34
	61%	

2. In terms of averages

Recreational catch returns	Targeting	64% bottomfish
		32% gamefish
	Diversity	49 spp.
	Main catch composition	
	Unsp. kob	22.2%
	Slinger	13.9%
	Unsp. rockcod	13.7%
	Dorado/dolphin fish	7.5%
	Unsp. grunter	5.8%
	Catch rate (retained fish)	
	7.0 fish/outing	

Entries completed	Date	100%	Outing purpose	93%
	Boat name	95%	Destination	89%
	Boat No.	91%	Launch time	100%
	No. persons	94%	Return time	98%
	Vessel type	95%	Targeting	22%
	Outing type	100%	Catch return	78%

Comments A 25% decrease in number of launches recorded compared to 2015. Moderate use of launch site being used on 47% of available days. Daily launch limit exceeded on 5 days. Private recreational fishing (72%) and commercial fishing (16%) were the main reasons for launching. Similar catch composition to 2015. Better fish identification is required at this launch site. Good compliance with most register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Umvoti/Blythedale

Launch Site Licence Holder
KwaDukuza Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 15

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	7	3	2	1	1					2		1	7
Jet-ski	34	16	27	14	40	12	18	18	18	18	6	8	45	256
Paddle-craft			2											2
Ski-boat	48	26	33	53	50	29	30	35	20	37	34	34	36	431
Unspecified	1	1	3	2	4			1	3			1		16
Purpose	Charter fishing	1					1							2
	Charter pleasure													
	Charter scuba													
	Charter whale/dol. ¹													
	Commercial fishing	26	22	25	33	37	22	22	27	12	23	21	25	295
	Private fishing	52	23	37	31	44	17	23	22	25	19	18	54	365
	Private pleasure			1		1	1	2		1		1	1	8
	Private scuba													
	Private spearfishing	1			4	3				1		1	2	12
	Other/ unspecified	10	1	4	2	10	1	0	5	4	1	3	6	47
Total launches	90	46	67	70	95	41	48	54	43	43	44	88	729	

1. Charter whale/dolphin viewing

General results	Launches/day ²	4
	Launches/weekday ²	4
	Launches/weekend day ²	4
	% days launched	53%
	No. days limit exceeded	2
	Persons on vessel ²	4
	Proportion night launches	1%
	Proportion night beachings	3%
	Duration of outing (hours)	6.79
	Popular destination	Q-35
	50%	

2. In terms of averages

Recreational catch returns	Targeting	52% gamefish
		43% bottomfish
	Diversity	48 spp.
	Main catch composition	
	Soldier/santer	15.9%
	Queen mackerel	10.5%
	Unsp. kob	9.8%
	Unsp. rockcod	9.4%
	Geelbek	6.8%
	Catch rate (retained fish)	
	2.82 fish/outing	

Entries completed	Date	100%	Outing purpose	95%	
	Boat name	96%		Destination	57%
	Boat No.	100%		Launch time	99%
	No. persons	97%		Return time	98%
	Vessel type	98%		Targeting	10%
	Outing type	100%		Catch return	49%

Comments A 7% decrease in the number of launches compared to 2015. Daily launch limit exceeded on two days. Moderate usage of launch site (used on 53% of available days). Relatively high percentage (35%) of jet-ski launches. Private recreational fishing (50%) and commercial fishing (40%) were the main reasons for launching. Catches of queen mackerel increased but king mackerel decreased. Better fish identification is required at this site. Relatively good compliance with completion of launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Tinley Manor/Umhlali

Launch Site Licence Holder
Tongaat-Hulett Developments

Feedback period: Jan – Dec 2016

Daily launch limit: 30

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	9	5	2	4	9	1	5	3	1	10	3	10	62
Jet-ski	26	12	18	21	25	15	19	7	3	11	20	18	195	
Paddle-craft	116	48	51	76	106	22	15	11	8	129	85	97	764	
Ski-boat	110	54	84	102	93	86	68	67	40	53	62	134	953	
Unspecified	10	7	4	12	9	2	5	2		12	9	8	80	
Purpose	Charter fishing	4		1	4	5	2			1		3	11	31
	Charter pleasure		1	1	2		1	1	4	2	1			13
	Charter scuba	1									3			4
	Charter whale/dol. ¹													
	Commercial fishing	24	18	16	30	27	26	17	18	14	13	7	14	224
	Private fishing	153	45	81	101	142	50	50	27	14	132	96	157	1048
	Private pleasure	3				4	1	1	1	1	2			13
	Private scuba				1	1								2
	Private spearfishing	11	12	17	6	7	7	5	4		2	2	11	84
	Other/ unspecified	75	50	43	71	56	39	38	36	20	62	71	74	635
Total launches	271	126	159	215	242	126	112	90	52	215	179	267	2054	

1. Charter whale/dolphin viewing

General results	Launches/day ²	7
	Launches/weekday ²	6
	Launches/weekend day ²	10
	% days launched	81%
	No. days limit exceeded	7
	Persons on vessel ²	3
	Proportion night launches	2%
	Proportion night beachings	1%
	Duration of outing (hours) ²	5.82
	Popular destination	P-36
	82%	

2. In terms of averages

Recreational catch returns	Targeting	68% gamefish
		24% bottomfish
	Diversity	54 spp.
	Main catch composition	
	Slinger	11.9%
	Dorado/dolphin fish	11.3%
	Unsp. rockcod	11.0%
	Soldier/santer	10.5%
	Unsp. tuna	10.3%
	Catch rate (retained fish)	
	1.55 fish/outing	

Entries completed	Date	100%	Outing purpose	70%
	Boat name	89%	Destination	55%
	Boat No.	95%	Launch time	98%
	No. persons	87%	Return time	96%
	Vessel type	96%	Targeting	5%
	Outing type	100%	Catch return	31%

Comments A 12% increase in number of launches compared to 2015, with continued high use by paddle-skis (37%). High use of launch site (used on 81% of days). Daily launch limit exceeded on 7 days which is of concern but likely due to inclusion of paddle-ski launches. Private recreational fishing (51%) and commercial fishing (11%) were the main reasons for launching. Good catches of dorado reported with the remainder of the catch consisting mainly of bottomfish species. Reasonable compliance with completion of launch register fields except targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Salmon Bay, Ballito

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Launch Site Licence Holder
KwaDukuza Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	1		3	2	5						6	1	4
Jet-ski	26	23	54	34	29	26	28	18	10	19	8	68	343	
Paddle-craft														
Ski-boat	6	1	7	8	10	4	10	7	3	6	3	27	92	
Unspecified	2	2	3	6	2	1		1		1	1	3	22	
Purpose	Charter fishing	2												2
	Charter pleasure													
	Charter scuba													
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing	20	19	45	34	34	26	26	18	7	26	10	74	339
	Private pleasure													
	Private scuba													
	Private spearfishing							1						1
	Other/ unspecified	13	7	22	16	12	5	11	8	6	6	3	28	137
Total launches	35	26	67	50	46	31	38	26	13	32	13	102	479	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	3
	Launches/weekend day ²	4
	% days launched	40%
	No. days limit exceeded	0
	Persons on vessel ²	2
	Proportion night launches	1%
	Proportion night beachings	1%
	Duration of outing (hours) ²	4.09
	Popular destination	Q-36
	75%	

2. In terms of averages

Recreational catch returns	Targeting	54% gamefish
		25% bottomfish
	Diversity	26 spp.
	Main catch composition	
	Unsp. redfish	27.8%
	Unsp. fish	11.8%
	Dorado/dolphin fish	10.6%
	Unsp. rockcod	9.4%
	Unsp. tuna	7.6%
	Catch rate (retained fish)	
	0.97 fish/outing	

Entries completed	Date	100%	Outing purpose	72%
	Boat name	79%	Destination	63%
	Boat No.	98%	Launch time	94%
	No. persons	82%	Return time	87%
	Vessel type	95%	Targeting	15%
	Outing type	98%	Catch return	28%

Comments A 30% increase in the number of launches compared to 2015. High percentage (72%) of jet-ski launches. Moderate to low launching effort (used on 40% of days). Private recreational fishing (71%) was the main purpose for launching. Catch composition dominated by bottomfish species but better fish identification is required at this site. Reasonable compliance with completion of launch register fields except targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Westbrook

Launch Site Licence Holder
eThekweni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	2	1	2	4	2	1		1	1				5
Jet-ski	12	3	10	14	8	4	3			2	2	7	13	78
Paddle-craft														
Ski-boat	24	11	17	25	24	30	12	11	12	7	4	19		196
Unspecified	1	3	1	1		2					1	1	4	14

Purpose														Total
	Charter fishing	1												
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing	30	15	26	37	30	35	15	11	12	8	12	24		255
Private pleasure												1		1
Private scuba														
Private spearfishing	2			2	2					1		1		8
Other/ unspecified	6	3	4	5	2	2	0	1	3	1	0	15		42
Total launches	39	18	30	44	34	37	15	12	15	10	12	41		307

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	3
	% days launched	34%
	No. days limit exceeded	0
	Persons on vessel ²	2
	Proportion night launches	3%
	Proportion night beachings	2%
	Duration of outing (hours) ²	5.82
	Popular destination	Q-38
	71%	

Recreational catch returns	Targeting	66% bottomfish
		21% gamefish
	Diversity	43 spp.
	Main catch composition	
	Slinger	23.9%
	Soldier/santer	21.5%
	Unsp. rockcod	21.2%
	Unsp. redfish	4.3%
	Squaretail kob	4.1%
	Catch rate (retained fish)	
	8.81 fish/outing	

2. In terms of averages

Entries completed	Date	100%	Outing purpose	88%
	Boat name	93%	Destination	82%
	Boat No.	99%	Launch time	100%
	No. persons	97%	Return time	99%
	Vessel type	95%	Targeting	54%
	Outing type	100%	Catch return	75%

Comments
A 15% decrease in number of launches compared to 2015. Moderate to low use of launch site (used on 34% of days). Private recreational fishing (83%) was the main purpose for launching. Catch composition dominated by bottom fish species but better fish identification is required at this site. Reasonably good compliance with completion of all launch register fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Umdloti

Launch Site Licence Holder
eThekweni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 10

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	2	1	3	3			2					3	5
Jet-ski	17	8	4	4	2							2	11	48
Paddle-craft														
Ski-boat	6	1	9	4						1		2	7	30
Unspecified	13	4	3	5	4	2	1			1		3	18	54

Purpose														
	Charter fishing													
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing	16	8	11	5	1	1						4	12	58
Private pleasure														
Private scuba		1		1										2
Private spearfishing	13	3	2	5	2	1	1			2		3	11	43
Other/ unspecified	9	2	6	5	3		2					3	18	48
Total launches	38	14	19	16	6	2	3			2		10	41	151

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	2
	% days launched	20%
	No. days limit exceeded	0
	Persons on vessel ²	2
	Proportion night launches	6%
	Proportion night beachings	0%
	Duration of outing (hours) ²	2.5
Popular destination	O-38	
	78%	

2. In terms of averages

Recreational catch returns	Targeting	51% gamefish
		41% bottomfish
	Diversity	21 spp.
	Main catch composition	
	Spadefish	18.6%
	Queen mackerel	15.0%
	Unsp. rockcod	11.5%
	King mackerel	9.7%
	Eastern little tuna	8.8%
	Catch rate (retained fish)	
1.12 fish/outing		

Entries completed	Date	100%	Outing purpose	68%	
	Boat name	63%		Destination	46%
	Boat No.	96%		Launch time	95%
	No. persons	89%		Return time	77%
	Vessel type	64%		Targeting	7%
	Outing type	100%		Catch return	27%

Comments A 23% decrease in number of launches compared to 2015. High percentage of jet-ski launches (32%) but continued non-reporting of paddle-craft launches. Low site usage (used on 20% of days). Private recreational fishing (38%) and spearfishing (28%) were the main reasons for launching. Catch composition dominated by species taken by spearfishing such as spadefish and queen mackerel. Reasonable completion of launch register fields except targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Umhlanga/Granny's Pool

Launch Site Licence Holder
eThekweni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 10

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	24		8	10	6	8	16	8	10	8	5	19	122
Jet-ski	7	4	4	2	6	12	5	3	3	2	6	5	59	
Paddle-craft														
Ski-boat	50	11	43	36	26	15	26	33	27	31	24	41	363	
Unspecified	4		17	19	5	5	3	4			2	3	62	
Purpose	Charter fishing	27	7	24	21	7	8	16	16	12	14	13	28	193
	Charter pleasure	19		4	6	5	7	4	3	4	3		2	57
	Charter scuba	2										4		6
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing	25	7	25	14	27	15	11	17	16	15	14	16	202
	Private pleasure				2		3		1					6
	Private scuba													
	Private spearfishing									1	1			2
	Other/ unspecified	12	1	19	24	4	7	19	11	7	8	6	22	140
Total launches	85	15	72	67	43	40	50	48	40	41	37	68	606	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	3
	Launches/weekend day ²	4
	% days launched	55%
	No. days limit exceeded	0
	Persons on vessel ²	5
	Proportion night launches	5%
	Proportion night beachings	5%
	Duration of outing (hours) ²	3.59
	Popular destination	N-39
	98%	

2. In terms of averages

Recreational catch returns	Targeting	43% bottomfish
		37% gamefish
	Diversity	31 spp.
	Main catch composition	
	Soldier/santer	22.5%
	Unsp. rockcod	18.7%
	Unsp. redfish	12.5%
	Slinger	9.8%
	Dorado/dolphin fish	7.2%
	Catch rate (retained fish)	
	2.04 fish/outing	

Entries completed	Date	100%	Outing purpose	78%
	Boat name	96%	Destination	84%
	Boat No.	100%	Launch time	99%
	No. persons	96%	Return time	97%
	Vessel type	90%	Targeting	10%
	Outing type	98%	Catch return	41%

Comments A 31% decrease in the number of launches compared to 2015. Moderate launch effort (site used on 55% of days) with highest launch effort in January. Private recreational fishing (33%) and charter fishing (32%) were the main reasons for launching. Catches dominated by bottom-fish. Better fish identification is required at this site. Relatively good compliance with completion of all launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Vetch's Pier, Durban

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	56	49	74	65	87	112	101	88	62	70	75	130	969
Jet-ski	32	22	54	53	55	68	49	40	32	33	73	66	577	
Paddle-craft												2	2	
Ski-boat	268	366	478	505	490	447	290	339	229	252	355	581	4600	
Unspecified	14	14	19	23	16	23	14	25	10	5	19	30	212	
Purpose	Charter fishing	3	4	5	2	3	3		2	1		1	7	31
	Charter pleasure		1				3	1	1		4	2	4	16
	Charter scuba	6	5	19	16	14	37	41	33	20	17	7	22	237
	Charter whale/dol. ¹													
	Commercial fishing		1							1				2
	Private fishing	265	328	432	457	445	437	292	335	228	236	358	557	4370
	Private pleasure	3	5	4	7		6	7	4	1	4	4	6	51
	Private scuba	8	5	3	4	3	7	2	2	4	9	6	9	62
	Private spearfishing	28	20	29	26	33	32	25	8	16	10	12	26	265
	Other/ unspecified	57	82	133	134	150	125	86	107	62	80	132	178	1326
Total launches	370	451	625	646	648	650	454	492	333	360	522	809	6360	

1. Charter whale/dolphin viewing

General results	Launches/day ²	20
	Launches/weekday ²	14
	Launches/weekend day ²	34
	% days launched	88%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	2%
	Proportion night beachings	3%
	Duration of outing (hours) ²	5.01
Popular destination	M-42	
	45%	

2. In terms of averages

Recreational catch returns	Targeting	43% gamefish
		27% bottomfish
	Diversity	69 spp.
	Main catch composition	
	Dorado/dolphin fish	11.8%
	Mackerel	10.6%
	Unsp. redfish	9.5%
	Soldier/santer	7.7%
	Unsp. tuna	7.7%
	Catch rate (retained fish)	
	0.94 fish/outing	

Entries completed	Date	100%	Outing purpose	80%
	Boat name	71%	Destination	20%
	Boat No.	100%	Launch time	98%
	No. persons	98%	Return time	96%
	Vessel type	97%	Targeting	12%
	Outing type	100%	Catch return	22%

Comments Same number of launches compared to 2015. Very high site usage (used on 88% of days). Ski-boats were the main type of vessel used for launching (72%) and private recreational fishing (69%) was the main activity. Catch composition included gamefish, baitfish and bottomfish species with good catches of dorado reported. Reasonable compliance with launch register fields except destination, targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site:	Bluff Yacht Club
Feedback period:	Jan – Dec 2016
Daily launch limit:	Not stipulated

Jurisdiction
Transnet National Ports Authority – Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	1		1			1					1		1
Jet-ski				1										1
Paddle-craft	1													1
Ski-boat	17	10	23	21	24	15	13	25	7	8	13	11		187
Unspecified	2	2	3	1	3	3	1	4	4			1	4	28

Purpose	Charter fishing														
	Charter pleasure														
	Charter scuba														
	Charter whale/dol. ¹														
	Commercial fishing														
	Private fishing	14	8	20	19	23	11	12	22	6	7	13	13		168
	Private pleasure	1		1	1	1	1						1		6
	Private scuba														
	Private spearfishing														
	Other/ unspecified	6	4	7	2	4	6	2	7	5	2	0	3		48
	Total launches	21	12	28	22	28	18	14	29	11	9	14	16		222

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	2
	% days launched	34%
	No. days limit exceeded	N/A
	Persons on vessel ²	4
	Proportion night launches	12%
	Proportion night beachings	6%
	Duration of outing (hours) ²	5.93
	Popular destination	N-41 65%

2. In terms of averages

Recreational catch returns	Targeting	Not completed
	Diversity	5 spp.
	Main catch composition	
	Dorado/dolphin fish	42.1%
	Unsp. tuna	31.6%
	Yellowfin tuna	15.8%
	Unsp. fish	5.3%
	Queen mackerel	5.3%
	Catch rate (retained fish)	
	0.11 fish/outing	

Entries completed	Date	100%	Outing purpose	79%
	Boat name	99%	Destination	32%
	Boat No.	98%	Launch time	95%
	No. persons	97%	Return time	85%
	Vessel type	87%	Targeting	0%
	Outing type	100%	Catch return	5%

Comments	A 22% decrease in number of launches compared to 2015. Moderate to low usage of site (used on 34% of days). Relatively high proportion of night launches recorded. Private recreational fishing (76%) was the main reason specified for launching. Good catches of dorado and unspecified tuna species reported. Reasonable completion of launch register fields except destination, targeting and catch returns which continued to be very poorly completed.
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BOAT LAUNCH SITE FEEDBACK

Boat launch site: Bobbies Angling Club

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction
Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable					1	2	2	2			1		
Jet-ski														
Paddle-craft														
Ski-boat		31	16	22	24	49	50	43	53	34	32	43	38	435
Unspecified		3	2	2		3	1	2	3	2	3	1	3	25

Purpose														
	Charter fishing													
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing		30	16	17	23	44	36	40	51	33	31	41	38	400
Private pleasure														
Private scuba														
Private spearfishing		2				1	1	1		1	1	1	1	9
Other/ unspecified		2	2	7	2	9	16	6	5	2	4	2	2	59
Total launches		34	18	24	25	54	53	47	56	36	36	44	41	468

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	2
	Launches/weekend day ²	3
	% days launched	48%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	12%
	Proportion night beachings	32%
	Duration of outing (hours) ²	6.56
	Popular destination	M-42
	22%	

2. In terms of averages

Recreational catch returns	Targeting	59% bottomfish
		25% baitfish
	Diversity	31 spp.
	Main catch composition	
	Unsp. redfish	20.7%
	Unsp. rockcod	17.2%
	Soldier/santer	16.2%
	Dusky kob	10.1%
	Geelbek	7.1%
	Catch rate (retained fish)	
	2.23 fish/outing	

Entries completed	Date	100%	Outing purpose	88%	
	Boat name	97%		Destination	7%
	Boat No.	99%		Launch time	99%
	No. persons	97%		Return time	94%
	Vessel type	95%		Targeting	2%
	Outing type	100%		Catch return	41%

Comments
A similar number of launches compared to 2015. Moderate usage of site (used on 48% of days). High proportion of night launches recorded. Private recreational fishing (85%) was the main reason for launching. Catch composition dominated by bottomfish but better identification of redfish and rockcod species is required. Reasonable completion of launch register fields except destination, targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Fynnlands Angling Club

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	6	3	5	5	8	10	1				1	2	2
Jet-ski	1													1
Paddle-craft									1					1
Ski-boat	77	26	46	51	67	50	42	74	41	53	50	69	646	
Unspecified	1	1	2	3	6	3	2	6				5	1	30

Purpose														Total	
	Charter fishing														
Charter pleasure															
Charter scuba															
Charter whale/dol. ¹															
Commercial fishing									2						2
Private fishing	78	29	52	52	73	57	40	68	37	48	53	67	654		
Private pleasure							1			1		1	3		
Private scuba	1			1									2		
Private spearfishing				3	1	3							7		
Other/ unspecified	6	1	1	3	7	3	4	11	4	5	4	4	53		
Total launches	85	30	53	59	81	63	45	81	41	54	57	72	721		

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	3
	Launches/weekend day ²	5
	% days launched	57%
	No. days limit exceeded	N/A
	Persons on vessel ²	2
	Proportion night launches	12%
	Proportion night beachings	12%
	Duration of outing (hours) ²	7.26
	Popular destination	N-40 85%

2. In terms of averages

Recreational catch returns	Targeting	59% bottomfish
		17% baitfish
	Diversity	46 spp.
	Main catch composition	
	Soldier/santer	18.8%
	Slinger	18.0%
	Dorado/dolphin fish	8.4%
	Unsp. rockcod	7.5%
	Unsp. kob	6.8%
	Catch rate (retained fish)	
1.13 fish/outing		

Entries completed	Date	100%	Outing purpose	93%
	Boat name	99%	Destination	69%
	Boat No.	99%	Launch time	99%
	No. persons	95%	Return time	98%
	Vessel type	96%	Targeting	2%
	Outing type	100%	Catch return	21%

Comments A further 29% increase in number of launches compared to 2015. Moderate usage of site (used on 57% of days). Relatively high proportion of night launches. Private recreational fishing (91%) was the main reason specified for launching. Catch composition dominated by soldier and slinger but with improved catches of dorado reported. Good completion of launch register fields except targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Pompano Angling Club

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable				1		2				1			1
Jet-ski														
Paddle-craft														
Ski-boat		3	4	6	9	9	2	4	5	3	4	6	15	70
Unspecified				1					1		1			3

Purpose														Total
	J	F	M	A	M	J	J	A	S	O	N	D		
Charter fishing														
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing	3	3	6	9	8	2	3	5	3	4	6	14	66	
Private pleasure		1											1	
Private scuba														
Private spearfishing														
Other/ unspecified			2		3		1	1	1	1		2	11	
Total launches	3	4	8	9	11	2	4	6	4	5	6	16	78	

1. Charter whale/dolphin viewing

General results	Launches/day ²	1
	Launches/weekday ²	1
	Launches/weekend day ²	1
	% days launched	16%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	13%
	Proportion night beachings	6%
	Duration of outing (hours) ²	5.89
	Popular destination	N-41
	54%	

2. In terms of averages

Recreational catch returns	Targeting	67% bottomfish
		33% gamefish
	Diversity	17 spp.
	Main catch composition	
	Unsp. redfish	27.7%
	Unsp. rockcod	12.6%
	Yellowfin tuna	10.1%
	Snapper kob	8.4%
	Sand soldier	8.4%
	Catch rate (retained fish)	
	1.8 fish/outing	

Entries completed	Date	100%	Outing purpose	88%	
	Boat name	100%		Destination	36%
	Boat No.	100%		Launch time	97%
	No. persons	94%		Return time	95%
	Vessel type	96%		Targeting	3%
	Outing type	100%		Catch return	36%

Comments A further 47% decrease in the number of launches compared to 2015 with low site usage (used on only 16% of days). Relatively high percentage of night launches. Private recreational fishing (85%) was the main reason specified for launching. Catch composition dominated by bottomfish but better identification of redfish and rockcod species is required. Reasonable completion of launch register fields except destination, targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: KZN Light Tackle Boat

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable													
Jet-ski														
Paddle-craft														
Ski-boat	20	6	4	9	13	2	4	3	5	4	7	11	88	
Unspecified						2	1	1				1	5	

Purpose														Total
	Charter fishing													
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing	20	6	4	9	14	2	4	3	4	4	6	11	87	
Private pleasure														
Private scuba														
Private spearfishing														
Other/ unspecified						1	1	1		1		2		6
Total launches	20	6	4	9	15	3	5	3	5	4	8	11	93	

1. Charter whale/dolphin viewing

General results	Launches/day ²	1
	Launches/weekday ²	1
	Launches/weekend day ²	2
	% days launched	18%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	13%
	Proportion night beachings	6%
	Duration of outing (hours) ²	7.56
	Popular destination	N-39 33%

2. In terms of averages

Recreational catch returns	Targeting	73% gamefish 23% bottomfish
	Diversity	22 spp.
	Main catch composition	
	Dorado/dolphinfish	27.9%
	Unsp. redfish	18.4%
	Unsp. rockcod	11.0%
	Blueskin/trawl soldier	7.4%
	Dusky kob	4.4%
	Catch rate (retained fish)	
	1.56 fish/outing	

Entries completed	Date	100%	Outing purpose	94%
	Boat name	97%	Destination	61%
	Boat No.	100%	Launch time	100%
	No. persons	98%	Return time	97%
	Vessel type	95%	Targeting	3%
	Outing type	100%	Catch return	34%

Comments Improved participation in the BLSMS by this club with an 87% increase in the number of launches recorded compared to 2015. Low site usage (used on only 18% of days). Relatively high proportion of night launches. Private recreational fishing (94%) was the main reason specified for launching. Good catches of dorado reported but better identification of bottomfish species caught is required. Good completion of launch register fields except targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Rod 'n Reel Club

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	6	3	8	8	4	1	3	2	2	4	5	2	48
Jet-ski	2	1	1				1	1				2	8	
Paddle-craft														
Ski-boat	123	70	86	94	110	91	79	123	81	58	81	106	1102	
Unspecified	7	11	10	5	4	5	7	7	4	3	9	13	85	

Purpose	Charter fishing	Charter pleasure	Charter scuba	Charter whale/dol. ¹	Commercial fishing	Private fishing	Private pleasure	Private scuba	Private spearfishing	Other/ unspecified	Total launches		
	Charter fishing	1										1	
Charter pleasure													
Charter scuba										1	1		
Charter whale/dol. ¹													
Commercial fishing	1	3	1			2	2	3	4	1	17		
Private fishing	98	55	73	73	99	71	63	111	65	44	62	99	913
Private pleasure	2			3	1	1	1	2	1	2	3		16
Private scuba	2	3	6	7	2	1	2		2	1	4	1	31
Private spearfishing			1	2	1		1		1		3		9
Other/ unspecified	34	24	24	22	15	24	21	18	15	14	23	21	255
Total launches	138	85	105	107	118	97	90	133	87	65	97	121	1243

1. Charter whale/dolphin viewing

General results	Launches/day ²	5
	Launches/weekday ²	3
	Launches/weekend day ²	7
	% days launched	72%
	No. days limit exceeded	N/A
	Persons on vessel ²	3
	Proportion night launches	7%
	Proportion night beachings	10%
	Duration of outing (hours) ²	6.44
	Popular destination	N-41 47%

2. In terms of averages

Recreational catch returns	Targeting	63% bottomfish
		19% baitfish
	Diversity	52 spp.
	Main catch composition	
	Mackerel	19.2%
	Unsp. redfish	13.9%
	Soldier/santer	11.1%
	Unsp. rockcod	8.8%
	Unsp. fish	6.4%
	Catch rate (retained fish)	
	3.02 fish/outing	

Entries completed	Date	100%	Outing purpose	83%
	Boat name	86%	Destination	8%
	Boat No.	99%	Launch time	99%
	No. persons	97%	Return time	97%
	Vessel type	93%	Targeting	6%
	Outing type	100%	Catch return	41%

Comments A 13% increase in number of launches compared to 2015. High level of site usage (used on 72% of days). Relatively high proportion of night outings. Private recreational fishing (73%) was the main reason given for launching. Catches dominated by bait-fish species in terms of number. Better identification of bottomfish species caught is required at this site. Reasonable completion of launch register fields except destination and targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Public slipway

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	3	4	4	5	4	2	4	8	6	4	4	8	56
Jet-ski		1											1	
Paddle-craft				1								1	2	
Ski-boat	130	96	100	129	175	78	71	109	74	63	63	90	1178	
Unspecified	31	19	16	19	20	13	4	5	3	12	8	18	168	

Purpose	Charter fishing	12	2	1				1	5				4	25
	Charter pleasure													
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing	1					1			1	4				7
Private fishing	84	71	82	104	138	73	64	90	70	60	64	78	978	
Private pleasure	7	3	5		3	1	1	1			1	5	27	
Private scuba		1							1				2	
Private spearfishing	1									2	1		4	
Other/ unspecified	59	43	32	50	58	18	13	26	11	13	10	29	362	
Total launches	164	120	120	154	199	93	79	122	83	79	76	116	1405	

1. Charter whale/dolphin viewing

General results	Launches/day ²	5
	Launches/weekday ²	4
	Launches/weekend day ²	7
	% days launched	78%
	No. days limit exceeded	N/A
	Persons on vessel ²	5
	Proportion night launches	10%
	Proportion night beachings	15%
	Duration of outing (hours) ²	6.57
	Popular destination	N-41 56%

2. In terms of averages

Recreational catch returns	Targeting	39% baitfish
		30% bottomfish
	Diversity	31 spp.
	Main catch composition	
	Mackerel	38.2%
	Unsp. redfish	13.3%
	Unsp. rockcod	7.9%
	Slinger	5.4%
	Dorado/dolphin fish	5.1%
	Catch rate (retained fish)	
0.57 fish/outing		

Entries completed	Date	100%	Outing purpose	81%
	Boat name	94%	Destination	26%
	Boat No.	97%	Launch time	97%
	No. persons	97%	Return time	95%
	Vessel type	88%	Targeting	3%
	Outing type	93%	Catch return	8%

Comments A further 38% increase in number of launches compared to 2015. High level of site usage (used on 78% of days). Private recreational fishing (70%) was the main reason given for launching. Catch composition was dominated by baitfish species. Better identification of bottomfish species caught is required at this site. Reasonable completion of launch register fields except destination, targeting and catch returns which were poorly completed.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Wilson's Wharf

Feedback period: Jan – Dec 2016

Daily launch limit: Not stipulated

Jurisdiction

Transnet National Ports Authority
– Durban Harbour

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable			1					1					
Jet-ski														
Paddle-craft														
Ski-boat			23	28		1	14	15	3	7	10	7	3	111
Unspecified		1	8	23			10	12		7	3			64

Purpose	Charter fishing		6	22			1	2	1					32
	Charter pleasure		1	1				1						3
	Charter scuba													
	Charter whale/dol. ¹													
	Commercial fishing						2							2
	Private fishing		7	2			1	1	1		2			14
	Private pleasure	1	1	6			6	3			1			18
	Private scuba													
	Private spearfishing													
	Other/ unspecified		17	20		1	14	21	1	14	10	7	3	108
	Total launches	1	32	51		1	24	28	3	14	13	7	3	177

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	2
	% days launched	25%
	No. days limit exceeded	N/A
	Persons on vessel ²	16
	Proportion night launches	8%
	Proportion night beachings	21%
	Duration of outing (hours) ²	3.73
	Popular destination	N-41 82%

2. In terms of averages

Recreational catch returns	Targeting	74% bottomfish
		26% baitfish
	Diversity	0 spp.
	Main catch composition	
	No fish recorded	
	Catch rate (retained fish)	
		0 fish/outing

Entries completed	Date	100%	Outing purpose	73%	
	Boat name	100%		Destination	25%
	Boat No.	99%		Launch time	96%
	No. persons	96%		Return time	84%
	Vessel type	64%		Targeting	2%
	Outing type	64%		Catch return	0%

Comments A 23% decrease in number of launches compared to 2015. Low level of site usage (used on only 25% of days). Relatively high number of night outings. Charter fishing (18%) was the main reason given for launching but outing purpose was not specified in a large number of launches. No recording of catches took place at this site. Reasonable completion of launch register fields except destination, targeting and catch returns which continued to be very poorly completed.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Reunion/Isipingo

Launch Site Licence Holder
eThekweni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 15

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable					2	1	1		2	2	1		
Jet-ski														
Paddle-craft														
Ski-boat				1	1	4	2		2	1	1	1	1	14
Unspecified					1		1	2						4

Purpose														Total
	J	F	M	A	M	J	J	A	S	O	N	D		
Charter fishing														
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing				1	3	4	3		4	2	2	1	1	21
Private pleasure														
Private scuba														
Private spearfishing										1				1
Other/ unspecified					1	1	1	2						5
Total launches				1	4	5	4	2	4	3	2	1	1	27

1. Charter whale/dolphin viewing

General results	Launches/day ²	1
	Launches/weekday ²	1
	Launches/weekend day ²	1
	% days launched	7%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	0%
	Proportion night beachings	4%
	Duration of outing (hours) ²	5.67
Popular destination	M-42	
	53%	

2. In terms of averages

Recreational catch returns	Targeting	88% bottomfish
		12% baitfish
	Diversity	15 spp.
	Main catch composition	
	Slinger	46.0%
	Soldier/santer	18.5%
	Unsp. rockcod	10.5%
	Englishman	6.0%
	Unsp. redfish	3.5%
	Catch rate (retained fish)	
9.09 fish/outing		

Entries completed	Date	100%	Outing purpose	81%	
	Boat name	100%		Destination	70%
	Boat No.	100%		Launch time	93%
	No. persons	100%		Return time	93%
	Vessel type	85%		Targeting	23%
	Outing type	100%		Catch return	64%

Comments A 31% decrease in number of launches compared to 2015. Reported launching effort continues to be very low (only used on 7% of days) with no launches recorded in January and February. Private recreational fishing (78%) was the main reason specified for launching. Catch composition consisted primarily of bottomfish species. Reasonable completion of all launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Chain Rocks

Feedback period: Jan – Dec 2016

Daily launch limit: 6

Launch Site Licence Holder
eThekweni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable		3	1		2	3	2	1	3	4	5		3
Jet-ski		1					3						2	6
Paddle-craft														
Ski-boat		17	4	7	14	9	13	8	6	12	3	3	11	107
Unspecified		5	1	3	1									10

Purpose														Total
	J	F	M	A	M	J	J	A	S	O	N	D		
Charter fishing														
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing	5	3	2	6	2		2	2	3	2				27
Private fishing	19	2	7	10	8	14	7	5	10	5	2	13		102
Private pleasure		1										1		2
Private scuba														
Private spearfishing								2	1	1				4
Other/ unspecified	2		1	1	2	4			2		1	2		15
Total launches	26	6	10	17	12	18	9	9	16	8	3	16		150

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	1
	Launches/weekend day ²	2
	% days launched	26%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	3%
	Proportion night beachings	1%
	Duration of outing (hours) ²	5.71
	Popular destination	L-43 93%

2. In terms of averages

Recreational catch returns	Targeting	40% bottomfish
		33% baitfish
	Diversity	29 spp.
	Main catch composition	
	Mackerel	49.3%
	Soldier/santer	11.4%
	Dorado/dolphin fish	10.1%
	Unsp. rockcod	7.0%
	Slinger	6.3%
	Catch rate (retained fish)	
10.68 fish/outing		

Entries completed	Date	100%	Outing purpose	91%
	Boat name	72%	Destination	91%
	Boat No.	100%	Launch time	98%
	No. persons	97%	Return time	99%
	Vessel type	93%	Targeting	50%
	Outing type	99%	Catch return	84%

Comments A further 47% increase in the number of launches compared to 2015. Moderate to low level of site usage (used on only 26% of available days). Private recreational fishing (68%) was the main reason given for launching. Catch composition was dominated by baitfish and bottomfish species but improved catches of dorado were reported. Reasonably good compliance with completion of all launch register fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Warner Beach

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Launch Site Licence Holder
eThekweni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	19	11	18	4	14	19	4	11	13			19	132
Jet-ski	13	4	5	4	19	11		1	9			2	9	77
Paddle-craft														
Ski-boat	74	20	36	8	47	53	23	64	65			4	74	468
Unspecified	3					1	1			2			6	13
Purpose	Charter fishing	25	5	11	1	9	6		12	8		1	28	106
	Charter pleasure	1				1								2
	Charter scuba	2				1	3							6
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing	71	25	35	11	62	58	25	58	71		4	62	482
	Private pleasure						1							1
	Private scuba						1							1
	Private spearfishing				1	1	4	1	2	1				10
	Other/ unspecified	10	5	13	3	7	11	1	4	9		1	18	82
Total launches	109	35	59	16	81	84	27	76	89		6	108	690	

1. Charter whale/dolphin viewing

General results	Launches/day ²	4
	Launches/weekday ²	3
	Launches/weekend day ²	6
	% days launched	47%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	1%
	Proportion night beachings	10%
	Duration of outing (hours) ²	6.29
	Popular destination	L-43 82%

2. In terms of averages

Recreational catch returns	Targeting	48% bottomfish 28% baitfish
	Diversity	57 spp.
	Main catch composition	
	Slinger	34.6%
	Soldier/santer	25.0%
	Unsp. rockcod	6.9%
	Dorado/dolphin fish	6.0%
	Unsp. redfish	4.1%
	Catch rate (retained fish)	
	7.41 fish/outing	

Entries completed	Date	100%	Outing purpose	93%
	Boat name	84%	Destination	77%
	Boat No.	99%	Launch time	99%
	No. persons	99%	Return time	98%
	Vessel type	98%	Targeting	31%
	Outing type	100%	Catch return	73%

Comments A 34% decrease in the number of launches compared to 2015 with no launches recorded in October. Moderate level of site usage (used on 47% of days). Relatively high number of boats beaching at night. Private recreational fishing (70%) and charter fishing (15%) were the main reasons given for launching. Catch composition dominated by bottomfish species but with increased catches of dorado reported. Reasonably good compliance with completion of launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Umkomaas (all sites)

Feedback period: Jan – Dec 2016

Daily launch limit: 50

Launch Site Licence Holder
eThekweni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	318	244	343	265	201	240	209	235	206	218	250	189	2918
Jet-ski	54	36	68	77	70	70	21	19	34	34	32	25	540	
Paddle-craft														
Ski-boat	92	55	90	85	64	71	36	29	37	42	56	39	696	
Unspecified	8	9	4	9	8	11	2	5	6	1	3	2	68	

Purpose														Total
	Charter fishing			3	1	5	5	1	3		1	5	3	27
Charter pleasure			1	1		2			2		1		7	
Charter scuba	302	236	329	253	184	225	199	223	199	202	232	180	2764	
Charter whale/dol. ¹														
Commercial fishing		1	2										3	
Private fishing	105	60	105	111	108	103	38	32	50	54	59	50	875	
Private pleasure	1	2		2	1	1		1			4		12	
Private scuba				2		2				1			5	
Private spearfishing	12	5	17	22	21	17	4	3	8	9	13	14	145	
Other/ unspecified	52	40	48	44	24	37	26	26	24	28	27	8	384	
Total launches	472	344	505	436	343	392	268	288	283	295	341	255	4222	

1. Charter whale/dolphin viewing

General results	Launches/day ²	13
	Launches/weekday ²	11
	Launches/weekend day ²	16
	% days launched	92%
	No. days limit exceeded	0
	Persons on vessel	6
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	5.84
	Popular destination	J-46 62%

2. In terms of averages

Recreational catch returns	Targeting	78% gamefish 14% bottomfish
	Diversity	56 spp.
	Main catch composition	
	Unsp. tuna	11.6%
	Dorado/dolphin fish	9.3%
	Slinger	9.3%
	Soldier/santer	9.0%
	Unsp. rockcod	6.3%
	Catch rate (retained fish)	
	1.58 fish/outing	

Entries completed	Date	100%	Outing purpose	92%
	Boat name	89%	Destination	92%
	Boat No.	98%	Launch time	99%
	No. persons	95%	Return time	98%
	Vessel type	98%	Targeting	5%
	Outing type	100%	Catch return	30%

Comments A 6% increase in the number of launches compared to 2015. A large percentage of the launches are made by inflatable vessels (69%). Very high level of site usage (site used on 92% of days). Charter scuba diving (65%) and private recreational fishing (21%) were the main reasons given for launching. Catches similar to 2015 being dominated by both game and bottomfish species but with increased catches of dorado reported. Good completion of launch register fields except targeting and catch returns.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Scottburgh

Launch Site Licence Holder
Umdoni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 12

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	60	32	114	79	57	79	60	78	61	79	32		
Jet-ski														
Paddle-craft									1					1
Ski-boat			2	1	4	2	1			1				11
Unspecified							1			1	1			3

Purpose	Charter fishing													
	Charter pleasure	2	2	6	4	4	1	5	4	6	9	2		45
	Charter scuba	55	30	108	72	48	76	50	72	41	56	27		635
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing			1		2		6						9
	Private pleasure					1								1
	Private scuba					4								4
	Private spearfishing			1		1	1							3
	Other/ unspecified	3			4	1	3	1	2	15	16	4		49
Total launches	60	32	116	80	61	81	62	78	62	81	33		746	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	3
	Launches/weekend day ²	4
	% days launched	66%
	No. days limit exceeded	2
	Persons on vessel ²	8
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	4.07
	Popular destination	J-46
	95%	

2. In terms of averages

Recreational catch returns	Targeting	Not completed
	Diversity	0 spp.
	Main catch composition	
	No fish recorded	
	Catch rate (retained fish)	
		0 fish/outing

Entries completed	Date	100%	Outing purpose	94%
	Boat name	98%	Destination	97%
	Boat No.	64%	Launch time	100%
	No. persons	54%	Return time	98%
	Vessel type	100%	Targeting	0%
	Outing type	100%	Catch return	0%

Comments A further 30% increase in the number of launches compared to 2015. Moderate to high level of site usage (site used on 66% of days). Launch limit exceeded on two days. Mainly inflatable vessels launch at this site (98%). Charter scuba diving (85%) and charter pleasure trips (6%) were the main reasons given for launching. No fish were recorded caught at this site. Reasonable compliance with completion of launch register fields except targeting and catch returns which were not completed.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Rocky Bay

Feedback period: Jan – Dec 2016

Daily launch limit: 30

Launch Site Licence Holder
Umdoni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	63	41	54	31	54	30	29	38	43	31	22		
Jet-ski	5	4	5		7	3		1			1			26
Paddle-craft														
Ski-boat	122	73	95	87	111	133	86	80	45	45	25			902
Unspecified	34	30	44	28	32	39	33	31	1	9	3			284

Purpose	Charter fishing	65	39	56	43	40	46	41	32	15	14	6		397
	Charter pleasure				1			1		1			5	
Charter scuba	7	4	11	17	20	16	3	6	2	3	1			90
Charter whale/dol. ¹														
Commercial fishing	25	22	21	32	44	48	30	38	21	21	13			315
Private fishing	35	20	22	12	40	48	16	9	9	5	3			219
Private pleasure							1							1
Private scuba	3	6	1	1	1	1	3	1	2	1	3			23
Private spearfishing	13	1	10	4	7	4	2	7	10	3	2			63
Other/ unspecified	76	56	76	37	52	41	52	56	30	38	18			532
Total launches	224	148	198	146	204	205	148	150	89	85	51			1648

1. Charter whale/dolphin viewing

General results	Launches/day ²	6
	Launches/weekday ²	5
	Launches/weekend day ²	8
	% days launched	76%
	No. days limit exceeded	0
	Persons on vessel ²	6
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outings (hours)	5.43
	Popular destination	J-46
	78%	

2. In terms of averages

Recreational catch returns	Targeting	56% bottomfish
		37% gamefish
	Diversity	56 spp.
	Main catch composition	
	Soldier/santer	26.4%
	Slinger	23.1%
	Unsp. emperor	13.7%
	Blueskin/trawl soldier	7.7%
	Unsp. tuna	4.9%
	Catch rate (retained fish)	
13.45 fish/outing		

Entries completed	Date	100%	Outing purpose	83%	
	Boat name	96%		Destination	75%
	Boat No.	100%		Launch time	97%
	No. persons	98%		Return time	94%
	Vessel type	83%		Targeting	17%
	Outing type	100%		Catch return	77%

Comments A 29% decrease in number of launches compared to 2015. High level of site usage (used on 76% of days). Charter fishing (24%), commercial fishing (19%) and private recreational fishing (13%) were the main reasons given for launching. This site also has a relatively high number of launches for charter shark diving (15%). Catches were similar to 2015 consisting mainly of bottomfish species. Good compliance with completion of launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Pennington

Feedback period: Jan – Dec 2016

Daily launch limit: 15

Launch Site Licence Holder
Umdoni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	1								1				
Jet-ski	3				1	2	1	1				1	15	24
Paddle-craft														
Ski-boat	6	4	19	10	11	2	16	5	3	6			36	118
Unspecified					19								5	24

Purpose														Total
	J	F	M	A	M	J	J	A	S	O	N	D		
Charter fishing														
Charter pleasure														
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing														
Private fishing	9	3	19	10	11	3	15	5	3	6	1	45	130	
Private pleasure	1				1								2	
Private scuba														
Private spearfishing								1					1	
Other/ unspecified		1		1	20		2					11	35	
Total launches	10	4	19	11	32	3	17	6	3	6	1	56	168	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	2
	Launches/weekend day ²	4
	% days launched	16%
	No. days limit exceeded	0
	Person on vessel	3
	Proportion night launches	1%
	Proportion night beachings	1%
	Duration of outing (hours) ²	2.98
	Popular destination	J-47 85%

2. In terms of averages

Recreational catch returns	Targeting	65% gamefish 19% baitfish
	Diversity	21 spp.
	Main catch composition	
	Yellowfin tuna	22.6%
	Unsp. tuna	15.2%
	Dorado/dolphin fish	10.0%
	Cape yellowtail	10.0%
	Slinger	9.1%
	Catch rate (retained fish)	
	1.76 fish/outing	

Entries completed	Date	100%	Outing purpose	79%
	Boat name	95%	Destination	68%
	Boat No.	98%	Launch time	79%
	No. persons	94%	Return time	65%
	Vessel type	86%	Targeting	16%
	Outing type	100%	Catch return	53%

Comments A 20% increase in number of launches compared to 2015. Low level of site usage (used on only 16% of days). Private recreational fishing (77%) was the main reason given for launching. Catches dominated by gamefish species with improved catches of yellowfin tuna and dorado reported. Good compliance with completion of launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Bazley/Mac Nicol's

Feedback period: Jan – Dec 2016

Daily launch limit: 5

Launch Site Licence Holder
Umdoni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable													
Jet-ski													3	3
Paddle-craft														
Ski-boat														
Unspecified													3	3
Purpose	Charter fishing													
	Charter pleasure													
	Charter scuba													
	Charter whale/dol. ¹													
	Commercial fishing													
	Private fishing												4	4
	Private pleasure													
	Private scuba													
	Private spearfishing													
	Other/ unspecified												2	2
Total launches													6	6

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	0
	% days launched	1%
	No. days limit exceeded	0
	Person on vessel	1
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	3.25
	Popular destination	1-48 100%

2. In terms of averages

Recreational catch returns	Targeting	100% gamefish
	Diversity	1 spp.
	Main catch composition	
	Unsp. tuna	100%
	Catch rate (retained fish)	
	0.75 fish/outing	

Entries completed	Date	100%	Outing purpose	67%
	Boat name	0%	Destination	0%
	Boat No.	0%	Launch time	67%
	No. persons	100%	Return time	67%
	Vessel type	50%	Targeting	50%
	Outing type	100%	Catch return	75%

Comments
Only six launches recorded at this launch site during 2016. This was largely because of the steep beach and big shore-break that made launching at this site too dangerous.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Mtwalume

Feedback period: Jan – Dec 2016

Daily launch limit: 10

Launch Site Licence Holder
Umdoni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	1						1	1			3	2	
Jet-ski	1			1	2									4
Paddle-craft	3			10	3	12								28
Ski-boat	3			4		1	5	7						20
Unspecified								1						1

Purpose														Total	
	Charter fishing														
Charter pleasure															
Charter scuba											1				1
Charter whale/dol. ¹															
Commercial fishing															
Private fishing	7			9	2	4	6	8			2	1			39
Private pleasure															
Private scuba															
Private spearfishing						1		1							2
Other/ unspecified	1			6	3	8						1			19
Total launches	8			15	5	13	6	9			3	2		61	

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	2
	% days launched	10%
	No. days limit exceeded	0
	Persons on vessel	2
	Proportion night launches	3%
	Proportion night beachings	0%
	Duration of outing (hours) ²	3.4
	Popular destination	1-48 70%

2. In terms of averages

Recreational catch returns	Targeting	56% gamefish
		41% bottomfish
	Diversity	24 spp.
	Main catch composition	
	Slinger	32.4%
	Soldier/santer	17.3%
	Unsp. rockcod	13.4%
	Cape yellowtail	10.2%
	Englishman	3.9%
	Catch rate (retained fish)	
6.93 fish/outing		

Entries completed	Date	100%	Outing purpose	69%
	Boat name	86%	Destination	44%
	Boat No.	100%	Launch time	98%
	No. persons	69%	Return time	84%
	Vessel type	98%	Targeting	39%
	Outing type	100%	Catch return	80%

Comments A 26% decrease in the number of launches compared to 2015 with a continued low level of site usage (used on only 10% of days). No launches recorded in February, August, September and December. Private recreational fishing (64%) was the main reason given for launching. Catch composition dominated by bottomfish species but with improved catches of yellowtail reported. Reasonable compliance with completion of all launch register fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Hibberdene

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Launch Site Licence Holder
Ray Nkonyeni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	11	7	8	10	14	3	1	12	2	1	7	14	90
Jet-ski	2			2	17	1		3				1	26	
Paddle-craft				1									1	
Ski-boat	87	61	62	78	91	27	9	54	27	32	32	86	646	
Unspecified	1				4			1	2	1	1	3	13	

Purpose														Total
	Charter fishing			1					2		2	1	1	7
Charter pleasure							1						1	
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing	10	7	6	8	15	5		15	3	6	4	6	85	
Private fishing	81	52	50	70	75	17	10	44	21	23	31	81	555	
Private pleasure														
Private scuba				1	3								4	
Private spearfishing	5	2	9	6	11	5		2	4		1	6	51	
Other/ unspecified	5	7	4	6	22	3	0	7	3	3	3	10	73	
Total launches	101	68	70	91	126	31	10	70	31	34	40	104	776	

1. Charter whale/dolphin viewing

General results	Launches/day ²	4
	Launches/weekday ²	4
	Launches/weekend day ²	5
	% days launched	52%
	No. days limit exceeded	1
	Persons on vessel ²	3
	Proportion night launches	1%
	Proportion night beachings	1%
	Duration of outing (hours)	6.64
	Popular destination	H-49

2. In terms of averages

Recreational catch returns	Targeting	51% bottomfish
		38% gamefish
	Diversity	62 spp.
	Main catch composition	
	Slinger	34.7%
	Soldier/santer	14.9%
	Unsp. tuna	9.9%
	Unsp. rockcod	6.4%
	Englishman	4.6%
	Catch rate (retained fish)	
6.93 fish/outing		

Entries completed	Date	100%	Outing purpose	91%
	Boat name	94%	Destination	85%
	Boat No.	99%	Launch time	99%
	No. persons	99%	Return time	97%
	Vessel type	98%	Targeting	24%
	Outing type	100%	Catch return	65%

Comments A 24% decrease in the number of launches compared to 2015. Moderate level of site usage (used on 52% of days). Daily launch limit exceeded on one day. Private recreational fishing (72%) and commercial fishing (11%) were the main reasons given for launching. Catches dominated by bottomfish with improved catches of tuna species reported. Continued good compliance with completion of all launch register fields except targeting.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Injambili/Pumula

Feedback period: Jan – Dec 2016

Daily launch limit: 6

Launch Site Licence Holder
Injambili Ski-boat Club

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	14	5	3	2	4	5	3	1	9	4	4	14	68
Jet-ski	2	2	5		29	3		2	1	3	1	10	58	
Paddle-craft														
Ski-boat	28	4	11	3	27	9	2	20	9	9	6	35	163	
Unspecified	1		1		3			2		1	1	2	11	

Purpose														Total
	Charter fishing													2
Charter pleasure														
Charter scuba	2	2					2		3			1		10
Charter whale/dol. ¹														
Commercial fishing	2													2
Private fishing	28	6	12	5	49	13	4	20	11	14	7	51	220	
Private pleasure		2												2
Private scuba	8		1		2	1	1		7	3	3	4	30	
Private spearfishing	1		2		3	1							7	
Other/ unspecified	4	1	5		9			2	1		1	4	27	
Total launches	45	11	20	5	63	17	5	25	19	17	12	61	300	

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	2
	Launches/weekend day ²	3
	% days launched	32%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	0%
	Proportion night beachings	0%
	Duration of outing (hours) ²	4.92
	Popular destination	H-50 88%

2. In terms of averages

Recreational catch returns	Targeting	52% bottomfish
		48% gamefish
	Diversity	45 spp.
	Main catch composition	
	Slinger	23.7%
	Soldier/santer	22.1%
	Unsp. tuna	13.1%
	Englishman	5.1%
	Unsp. rockcod	4.9%
	Catch rate (retained fish)	
6.55 fish/outing		

Entries completed	Date	100%	Outing purpose	91%
	Boat name	90%	Destination	80%
	Boat No.	99%	Launch time	100%
	No. persons	97%	Return time	96%
	Vessel type	96%	Targeting	58%
	Outing type	100%	Catch return	68%

Comments A 9% increase in the number of launches compared to 2015. Moderate to low level of site usage (used on 32% of days). Private recreational fishing (73%) was the main reason given for launching. Catches continued to be dominated by bottomfish species although improved catches of tuna species were reported. Continued good compliance with completion of all launch register fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Shelly Beach/Sonny Evans

Launch Site Licence Holder

Ray Nkonyeni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 100

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	146	53	157	108	85	21	24	59	56	81	100	245	1135
Jet-ski	16	8	31	5	18	4		7	2	2	6	10	109	
Paddle-craft														
Ski-boat	404	214	398	275	218	51	129	206	170	191	146	628	3030	
Unspecified	12	6	12	11	7	2	10	5			4	24	93	

Purpose	Charter fishing	187	97	194	117	91	22	31	106	76	87	76	292	1376
	Charter pleasure	83	7	53	35	9	7	6	24	18	15	7	143	407
Charter scuba	43	40	87	67	64	10	13	25	33	61	84	82	609	
Charter whale/dol. ¹														
Commercial fishing	25	14	14	24	28	8	3	32	20	26	15	35	244	
Private fishing	177	66	183	118	94	19	103	67	57	61	44	261	1250	
Private pleasure		1	2							1			4	
Private scuba		5		3			1	1	1	1	2		14	
Private spearfishing	2	16	1	5	4	1	1	1		1	3	5	40	
Other/ unspecified	61	35	64	30	38	11	5	21	23	21	25	89	423	
Total launches	578	281	598	399	328	78	163	277	228	274	256	907	4367	

1. Charter whale/dolphin viewing

General results	Launches/day ²	15
	Launches/weekday ²	13
	Launches/weekend day ²	18
	% days launched	82%
	No. days limit exceeded	0
	Persons on vessel ²	6
	Proportion of night launches	1%
	Proportion night beachings	0%
	Duration of outing (hours) ²	4.8
	Popular destination	G-53 59%

2. In terms of averages

Recreational catch returns	Targeting	66% gamefish 31% bottomfish
	Diversity	49 spp.
	Main catch composition	
	Slinger	31.7%
	Unsp. tuna	21.3%
	Unsp. emperor	8.2%
	Unsp. fish	4.7%
	Unsp. rockcod	4.6%
	Catch rate (retained fish)	
	1.05 fish/outing	

Entries completed	Date	100%	Outing purpose	93%
	Boat name	94%	Destination	90%
	Boat No.	99%	Launch time	94%
	No. persons	99%	Return time	88%
	Vessel type	98%	Targeting	6%
	Outing type	100%	Catch return	9%

Comments A 13% decrease in the number of launches compared to 2015. Very high level of site usage (used on 82% of days). Charter fishing (32%), private recreational fishing (29%), charter scuba diving (14%) and charter pleasure trips (9%) were the main reasons given for launching. Catch composition similar to 2015. Better identification of fish species is required. Good compliance with completion of launch register fields except targeting and catch returns which continue to be very poorly completed.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Ramsgate

Feedback period: Jan – Dec 2016

Daily launch limit: 20

Launch Site Licence Holder
Ray Nkonyeni Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable		7	4	1	5	9		4		2	3	4	5
Jet-ski		28	2	9	7	5		6		3	7	3	19	89
Paddle-craft												2	2	4
Ski-boat		21	18	20	33	28		9	1	20	17	19	40	226
Unspecified										1	1	1		3

Purpose														Total
	Charter fishing			1							1	1	1	
Charter pleasure			1											1
Charter scuba							1				1			2
Charter whale/dol. ¹														
Commercial fishing	5	6	4	11	16		7	1	9	13	5	9		86
Private fishing	48	12	26	27	25		9		13	11	23	42		236
Private pleasure				1			1					10		12
Private scuba												1		1
Private spearfishing		4		5	1		1		3			2		16
Other/ unspecified	3			1						2		2		8
Total launches	56	24	30	45	42		19	1	26	28	29	66		366

1. Charter whale/dolphin viewing

General results	Launches/day ²	3
	Launches/weekday ²	2
	Launches/weekend day ²	3
	% days launched	38%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	0%
	Proportion night beachings	1%
	Duration of outing (hours) ²	6.05
	Popular destination	E-53 90%

2. In terms of averages

Recreational catch returns	Targeting	67% bottomfish 29% gamefish
	Diversity	42 spp.
	Main catch composition	
	Slinger	43.5%
	Unsp. emperor	10.3%
	Englishman	6.3%
	Scotsman	4.0%
	Yellowfin tuna	3.7%
	Catch rate (retained fish)	
	6.88 fish/outing	

Entries completed	Date	100%	Outing purpose	98%
	Boat name	86%	Destination	85%
	Boat No.	98%	Launch time	98%
	No. persons	99%	Return time	97%
	Vessel type	99%	Targeting	88%
	Outing type	100%	Catch return	84%

Comments A 28% decrease in the number of launches compared to 2015. Moderate to low level of site usage (used on 38% of days). Private recreational fishing (64%) and commercial fishing (23%) were the main reasons given for launching. Catch composition remained similar to 2015 being dominated by bottomfish species with an increase in the number of scotsman caught. Continued good compliance with completion of all launch register fields.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Glenmore

Launch Site Licence Holder
Ray Nkonyeni Municipality

Feedback period: Jan – Dec 2016

Daily launch limit: 10

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	5				2		2			1			
Jet-ski				5		1	3	3						12
Paddle-craft									1					1
Ski-boat	29	16	11	22	17	26	9	10	13					153
Unspecified	2						1	3						6

Purpose	Charter fishing														
	Charter pleasure														
	Charter scuba														
	Charter whale/dol. ¹														
	Commercial fishing														
	Private fishing	28	10	11	18	13	27	8	9	13					137
	Private pleasure					1									1
	Private scuba														
	Private spearfishing	1	2		3	1	2			1					10
	Other/ unspecified	7	4	5	3	3	2	5	5						34
	Total launches	36	16	16	24	18	31	13	14	14					182

1. Charter whale/dolphin viewing

General results	Launches/day ²	2
	Launches/weekday ²	2
	Launches/weekend day ²	2
	% days launched	29%
	No. days limit exceeded	0
	Persons on vessel ²	3
	Proportion night launches	1%
	Proportion night beachings	2%
	Duration of outing (hours)	5.77
	Popular destination	N-39 74%

2. In terms of averages

Recreational catch returns	Targeting	53% bottomfish 40% gamefish
	Diversity	33 spp.
	Main catch composition	
	Slinger	48.4%
	Unsp. rockcod	12.1%
	Unsp. emperor	7.7%
	Scotsman	6.0%
	Soldier/santer	4.5%
	Catch rate (retained fish)	
	6.55 fish/outing	

Entries completed	Date	100%	Outing purpose	81%
	Boat name	94%	Destination	15%
	Boat No.	100%	Launch time	98%
	No. persons	97%	Return time	95%
	Vessel type	97%	Targeting	13%
	Outing type	100%	Catch return	61%

Comments A 41% decrease in the number of launches compared to 2015 with no launches recorded from October to December. Moderate to low level of site usage (used on 29% of days). Private recreational fishing (75%) was the main reason given for launching. Catch composition dominated by bottomfish species with increased catches of scotsman reported. Reasonable compliance with completion of launch register fields except destination and targeting, which continued to be poorly completed.

BOAT LAUNCH SITE FEEDBACK

Boat launch site: Port Edward

Feedback period: Jan – Dec 2016

Daily launch limit: 30

Launch Site Licence Holder
Ray Nkonyeni Coast Municipality

Vessel	No. of launches	J	F	M	A	M	J	J	A	S	O	N	D	Total
	Inflatable	12	4	5	2	1	2	2	4	3				2
Jet-ski	13	8	18	9	9	9		5	5			4	36	116
Paddle-craft														
Ski-boat	121	66	66	96	101	135	36	79	71	48	62	148	1029	
Unspecified	3	1	1		1	71		1				1	6	85

Purpose		J	F	M	A	M	J	J	A	S	O	N	D	Total
	Charter fishing	7	3	2			1	3	1	1			3	21
Charter pleasure			2	2										4
Charter scuba														
Charter whale/dol. ¹														
Commercial fishing	46	41	30	43	46	54	16	49	33	30	31	22	441	
Private fishing	88	28	44	51	57	72	18	32	41	14	26	122	593	
Private pleasure										1	1		2	
Private scuba					1								1	
Private spearfishing	5	1	1	5	3	7	2	1	1			3	29	
Other/ unspecified	3	6	11	6	4	81	1	6	4	3	6	24	155	
Total launches	149	79	90	107	112	217	38	89	79	48	67	192	1267	

1. Charter whale/dolphin viewing

General results	Launches/day ²	6
	Launches/weekday ²	6
	Launches/weekend day ²	6
	% days launched	60%
	No. days limit exceeded	2
	Persons on vessel ²	4
	Proportion night launches	1%
	Proportion night beachings	0%
	Duration of outing (hours) ²	6.82
	Popular destination	D-56 49%

2. In terms of averages

Recreational catch returns	Targeting	52% bottomfish
		24% gamefish
	Diversity	54 spp.
	Main catch composition	
	Mackerel	35.9%
	Red-eye sardine	29.1%
	Slinger	12.9%
	Unsp. emperor	2.8%
	Unsp. rockcod	2.7%
	Catch rate (retained fish)	
13.21 fish/outing		

Entries completed	Date	100%	Outing purpose	88%
	Boat name	93%	Destination	18%
	Boat No.	100%	Launch time	93%
	No. persons	97%	Return time	92%
	Vessel type	93%	Targeting	32%
	Outing type	94%	Catch return	59%

Comments A 16% decrease in the number of launches compared to 2015. Moderate to high level of site usage (used on 60% of days). Daily launch limit exceeded on two days. Private recreational fishing (47%) and commercial fishing (35%) were the main reasons given for launching. Catch composition similar to 2015 being dominated by baitfish species such as mackerel and redeyes. Reasonably good compliance with completion of launch register fields except destination and targeting.