

2023 INDEPENDENT ANNUAL REVIEW:

QUEENSLAND SHARK CONTROL PROGRAM



IMAGE: CRAIG PARRY



MARCH 2024

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EXECUTIVE SUMMARY

Our aim with this independent Queensland Shark Control Program (QSCP) investigation is to empower the community, media, and any independent investigators such as Federal agencies, the Queensland Ombudsman, and investigative journalists, by providing insights into important issues and failings related to the QSCP, thereby fostering greater transparency and accountability in decision-making processes.

Noteworthy findings include:

- **1,096 animals were caught in the QSCP program in 2023 - the highest amount of catch, and highest percentage of bycatch, in over 20 years on record.** Of these, 614 (or 56%) were non-target bycatch including protected species. Additionally, 286 non-target shark species were mislabelled by contractors as target species. We can only assume those found alive were unnecessarily killed, as per the protocol when a 'target' species is found alive. If bycatch is counted using the proposed definition of 'target species' by the government's Shark Control Program Scientific Working Group, meaning the only target species are Bull Sharks, Tiger Sharks, and White Sharks, the bycatch percentage for 2023 would be 65%.
- **There is no evidence that the QSCP reduces the risk of shark bite. There have been 40 non-fatal incidents and 2 fatal incidents at QSCP beaches since the program's inception, the low fatality % being explained by fast medical response times, as QSCP beaches are also patrolled.** The most recent shark bite incident at a QSCP beach occurred just days before the release of this report, at Bargara which is a heavily drumlined beach (20 drumlines). In 2021, Mark Furner (Minister for Agriculture and Fisheries) went so far as to admit that QDAF does not measure the effectiveness of the QSCP "The Department of Agriculture and Fisheries does not specifically collect data on shark bites."
- **It is evident that the QSCP consistently and routinely violates the Animal Care and Protection Act 2001 (Queensland) during its day-to-day operations.** The QSCP is only able to operate without facing prosecution for animal cruelty due to an exemption in the act written explicitly for this program (s46). For an exemption to apply the contractor must prove they committed cruelty with 'fishing equipment', and that the shark would have harmed persons, and that they hold a valid contract. We strongly believe there is insufficient monitoring of contractors adherence to protocols to ensure that contractors are meeting all three criteria, and that in all cases of sharks being killed by the contractor, the

exemption does not apply and they are in breach of animal cruelty laws. We invite RSPCA to investigate and prosecute.

- **The QSCP is in clear breach of federal environmental legislation, Environmental Protection and Biodiversity Conservation (EPBC) Act, s43b continuation of use provision, and must immediately cease or apply for a permit via Department of Climate Change, Energy, the Environment and Water (DCCEEW).** As of the year 2000 (introduction of EPBC Act), there were 334 pieces of shark culling equipment (comprising nets and drumlines) in Queensland waters. This now stands at 410 pieces of equipment (a 22% increase). In particular, the number of catch-and-kill drumlines has increased by 28%. It should be noted that internal reviews as obtained by RTI 21-240 found a 600% enlargement in equipment volume at some previously netted beaches. We invite DCCEEW to investigate and prosecute.
- **Migaloo was once again not sighted in 2023. It has come to light that a shark net disappeared from Rainbow Beach on 10 August, 2021. This comes just over a year after the final documented Migaloo sighting. The net is understood to have disappeared over the night of 20th/21st of August. There have been no sightings of Migaloo since this shark net went missing.** It is plausible that Migaloo was alive and on the Queensland coastline in 2021, and was entangled in this Rainbow Beach shark net overnight on 20th/21st of August. Being a large male or 'bull' humpback, he would be more than capable of dislodging a shark net and attempting to continue on his migration, or fleeing away from the coast in distress. If this plausible situation has transpired, it would be a certain death sentence for him. We invite the Queensland Department of Agriculture and Fisheries (QDAF) to confirm with absolute certainty that this did not happen.
- **Instances of QDAF contradicting or ignoring Scientific Working Group advice raise concerns about the program's decision-making process.** Issues include program enlargement without adequate explanation, delays in implementing recommendations, and disagreements regarding target shark species. Additionally, decisions regarding humpback whale protection and the dismissal of shark barrier trials despite expert recommendations further highlight discrepancies between scientific advice and program actions.
- **Data from 2023 reveals alarming instances of predation on caught animals, with 68 recorded cases of predation and five animals found**

decomposed after prolonged entanglement.

These incidents raise questions about the program's efficacy in minimising risks to beachgoers, as the program is actually providing an attractant drawing sharks closer to shore.

- **The Department continues to employ misleading language, such as "euthanise," which appears aimed at downplaying public opposition to the inherently cruel aspects of the program.** This deliberate choice of terminology obscures the reality of the program's actions and undermines transparency, making it challenging for the public to fully grasp the extent of animal suffering caused by the QSCP.

issues and failures within the program, ultimately aiming to foster greater transparency and accountability in decision-making processes. The findings underscore systemic deficiencies, including excessive bycatch, breaches of animal welfare laws, environmental legislation, and disregard for scientific advice. The QSCP's use of misleading language further compounds concerns, highlighting the urgent need for reform and oversight to ensure the protection of marine ecosystems and public safety along Queensland's coastline.

This comprehensive investigation into the QSCP serves to enlighten stakeholders and the public about critical



¹ with QFish



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CONTEXTUAL LANDSCAPE

LEGISLATION

The Fisheries Act 1994 (Queensland) provides the legal basis for the operation of Queensland's shark culling program (official title: Queensland Shark Control Program):

s.30 Management of shark control program

(1)The chief executive must establish and manage a shark control program for the coastal waters of the State the chief executive considers necessary or desirable:

It should be noted that whilst the above does state that the chief executive “*must establish and manage a shark control program*”, it does **not** state that the program must be a culling program designed to catch and kill sharks, as it is described using their own language;

“The SCP aims to reduce local populations of large sharks”.

It should be noted that there is no such thing as ‘local populations’ of White, Tiger and Bull Sharks, as these are migratory species. Further, a non-lethal program designed to mitigate the risk of shark bite, without killing sharks, would also be acceptable under the *Fisheries Act 1994*.

The current Queensland Shark Control Program (QSCP) operates on an underlying methodology of cruelty toward, and killing of endangered and protected wildlife. It can only operate without facing prosecution for animal cruelty charges on the basis of an exemption in the *Animal Care and Protection Act 2001 (Queensland)*:

s.46 Use of fishing apparatus under shark fishing contract

It is an offence exemption for an offence if—
(a)the act that constitutes the offence is the use of fishing apparatus under the Fisheries Act 1994; and
(b)the use is—
(i)to protect persons from attack by sharks; and
(ii)carried out under an agreement between any person and the State for the disposal, tagging or taking of sharks.

The Department's overly broad application of this exemption, that anything the program does is exempt, is highly troubling. In order for the exemption to apply, all three criteria (a), (b)(i) and (b)(ii) must be met. Cruelty must be committed with fishing equipment (as defined in *Fisheries Act 1994*), **and** the shark must be shown to be likely to harm harmed persons, **and** by a contractor

who holds a valid contract. It is unlikely that all three criteria are met in each of the 1,096 cases of cruelty to animals perpetuated by the program in 2023 (that is, the catch total).

Finally, given the program is designed specifically to kill species that are endangered, protected and listed under the federal *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), it would ordinarily be required to apply for a federal permit.

Because it operated prior to the establishment of the EPBC Act (July 2000), it claims to operate under a “continuation of use” provision (s43b). This provision does not allow for expansion, enlargement or intensification, which the QSCP has without question undertaken from 2000-2023.

NO GOVERNMENT REPORTING

Unlike the New South Wales (NSW) Government, the Queensland Government does not publish an annual review of its shark culling program (official title: Queensland Shark Control Program).

Although it is disappointing that this exercise needs to be undertaken by an independent NGO, we at Envoy Foundation have decided to take the initiative and create this independent review and report ourselves, noting that an independent report such as this is likely to be more robust and honest than a government published report.

We note that the lack of such reporting by the Queensland Government, which has been done annually in NSW for almost a decade, is representative of the overall outmoded approach of the QSCP and is an example that the program is operating around ten or more years behind the modernisation activities of the NSW program.

The remainder of this report should be read with that context in mind, that the state and this program is a laggard globally on this topic.

LIMITED ACCESS TO INFORMATION

The information presented in this report is drawn from independent monitoring conducted by our organisation and other NGOs, publicly accessible sources as well as data obtained directly from government agencies through various channels, including administrative releases and disclosures under *The Right to Information Act 2009* (RTI).

¹ <https://www.legislation.qld.gov.au/view/html/inforce/current/act-1994-037>

² <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/minutes-5-april-2018>

³ <https://www.legislation.qld.gov.au/view/html/inforce/current/act-2001-064>

It's crucial to acknowledge that the scope of this report is impacted by the government's control over information dissemination, which can obscure the true impact of programs like the QSCP on our community, including concerns related to environmental sustainability and animal welfare.

Our aim with this report is to empower the community, media, and any independent investigators such as Federal agencies, Queensland Ombudsman, and investigative journalists, by providing insights into these important issues and fostering greater transparency and accountability in decision-making processes that affect us all.

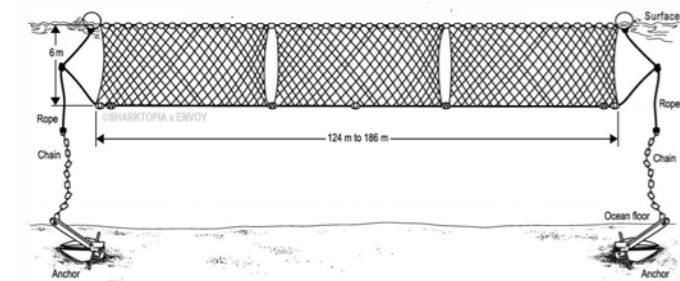
GEOGRAPHICAL SCOPE

A 'shark net' is 183m long, 6m deep, and set in 12m of water. They are often used to "protect" beaches that are many kilometres long. The nets are designed to entangle and kill animals. They are not a barrier, they do not enclose an area.

A 'drumline' is a baited shark fishing-hook, hanging from a buoy, that aims to attract and catch sharks. 'Traditional drumlines', also known as lethal drumlines, or catch-and-kill drumlines, are designed to hook and kill animals.

Both are set approx 500m from shore, and neither prevents sharks from swimming over, under or around them.

As just one example, there are a total of 2.01km of shark nets used to "protect" the 30km+ of Gold Coast beaches (11 nets x 183m each). If any target species are found alive, caught in a net or hooked on a drumline, they are killed.



4 Gear locations, Queensland Shark Control Program, February 2020, https://www.daf.qld.gov.au/__data/assets/excel_doc/0006/1456467/scp-shark-gear-locations-20-february-2020.xlsx

5 Cardno, Data Review for Queensland Shark Control Program Regions & The Whitsundays, 7 December 2020, <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/7fda2108-d7cd-42d4-97a9-9ccce64da96e/cardno-nswact-pty-ltd.-2020.-data-review-for-queensland-shark-control-program-regions-the-whitsu.pdf?ETag=9ac8f3c1298961dfda7cff77612ac0db>

6 Cardno, p2, Data Review for Queensland Shark Control Program Regions & The Whitsundays, 7 December 2020, <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/7fda2108-d7cd-42d4-97a9-9ccce64da96e/cardno-nswact-pty-ltd.-2020.-data-review-for-queensland-shark-control-program-regions-the-whitsu.pdf?ETag=9ac8f3c1298961dfda7cff77612ac0db>

Image 1: Shark Net in Queensland. Image courtesy of Sharktopia

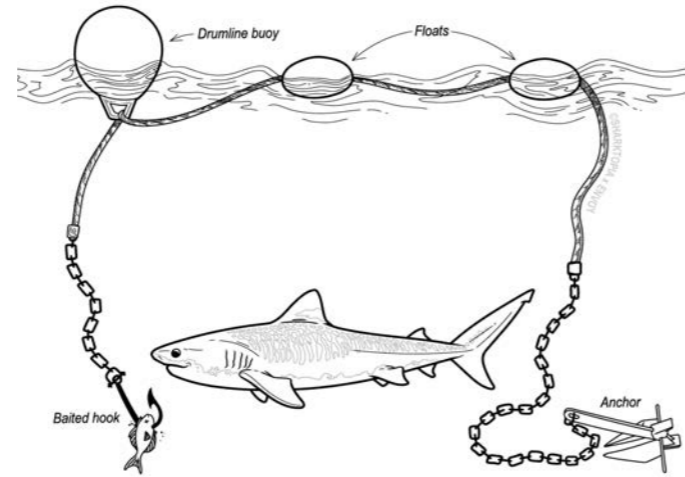


Image 2: Drumline in Queensland. Image courtesy of Sharktopia

The table on the following page shows the equipment and locations of QSCP equipment as at February 2020, the latest information available on the Department of Agriculture and Fisheries (DAF) website⁴.

Maps further detailing the exact location of QSCP gear can be found in Appendix F.

The QSCP includes the use of shark nets and catch-and-kill drumlines across 86 Queensland beaches, including the Great Barrier Reef Marine Park (GBRMP).

The 86 beaches are divided into 10 areas⁵. As stated in a Data Review conducted by Cardno, "although the regions have a broad geographic spread along the Queensland coast, their total extent makes up only a small proportion of the entire coast"⁶.

It's crucial to acknowledge that the scope of this report is impacted by the government's control over information dissemination, which can obscure the true impact of programs like the QSCP on our community, including concerns related to environmental sustainability and animal welfare.

Area	Drumlines	Nets	Beaches with any equipment	Beaches with drumlines	Beaches with nets
Gold Coast	35	11	23	12	11
Nth Stradbroke	35		4	4	0
Sunshine Coast	78	11	23	17	11
Rainbow Beach	12	3	1	1	1
Bundaberg	20		4	4	0
Tannum Sands	12		1	1	0
Capricorn Coast	54		9	9	0
Mackay	45	2	6	6	1
Townsville	54		8	8	0
Cairns	38		7	7	0
Total	383	27	86	69	24

Table 1: Location of Queensland Shark Control Equipment⁴, February 2020

HISTORY OF TARGET SHARKS

Australia is known to be home to many marine treasures, including a large number of shark species:

"Worldwide, there are about 400 species of sharks. Of these, around 180 species occur in Australian waters, of which about 70 are thought to be endemic. Sharks occur in all habitats around the Australian coast line, however most are found on the continental slope or shelf, primarily on the bottom²."

Queensland in particular, is blessed with World Heritage sites such as the Great Barrier Reef, and many rare and incredible shark species:

"More than 100 species of sharks live in Queensland waterways. Most shark species do not pose a risk to people, but those that do are on our target shark species list. We keep a record of all animals captured in nets, drumlines and catch alert drumlines³."

The list of target sharks to be killed and/or sharks considered worthy of release, has changed multiple times since the commencement of the program in 1962 (from RTI 21-383⁴):

Year	Target List
1962	100+ species of shark in QLD, -8 deemed non-dangerous and worthy of release. Effective target list size = -92+ target species.
~2000	-9 species of shark now deemed non-dangerous and/or endangered and worthy of release. Effective target list size = -91+ target species.
2015	-26 species of shark now deemed non-dangerous and/or endangered and worthy of release. Effective target list size = -74+ target species.
2017	Official target list issued = 26 species of shark
2018	Official target list revised = 19 species of shark
2023	Official target list revised = 7 species of shark

Table 2: Summary of QSCP target shark species since 1962

1962 - QSCP commenced in 1962. Early in the Program's operation (date unknown), a policy decision was made to release the following species alive.

- Grey Carpet Shark
- Gummy Shark

1 Queensland shark control equipment, Department of Agriculture and Fisheries, Queensland Government, viewed 21 February 2024, https://www.daf.qld.gov.au/__data/assets/excel_doc/0006/1456467/scp-shark-gear-locations-20-february-2020.xlsx

2 <https://www.dcceew.gov.au/environment/marine/marine-species/sharks>

3 <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/science-and-research>

4 Queensland Department of Agriculture and Fisheries Disclosure Log, <https://www.daf.qld.gov.au/our-organisation/right-to-information/disclosure-log/current>

- Port Jackson Shark
- Tawny Shark
- Tropical Sawshark
- Whale Shark
- Wobbegong Shark spp.
- Zebra (Leopard) Shark

Summary: 100+ species of shark in QLD, -8 deemed non-dangerous and worthy of release. Effective target list size = -92+ target species.

Prior to 2001 (date unknown) Grey Nurse Sharks were removed from the target species list given the conservation concerns for this species.

Summary: -9 species of shark now deemed non-dangerous and/or endangered and worthy of release. Effective target list size = -91+ target species.

In 2015 a comprehensive review of all shark species taken in the program was undertaken by QDAF, Great Barrier Reef Marine Park Authority (GBRMPA) and James Cook University with input from NSW Department of Primary Industries.

The following species were assessed as non-dangerous and no longer a species targeted to be killed by the program:

- Australian Sharpnose Shark
- Bronze Whaler Shark
- Creek Whaler Shark
- Fossil Shark
- Graceful Shark
- Grey Sharpnose Shark
- Hardnose Shark
- Milk Shark
- Nervous Shark
- Scalloped Hammerhead Shark
- Sliteye Shark
- Speartooth Shark
- Spot-tail Shark
- Weasel Shark
- Whitecheek Shark
- Winghead
- Hammerhead Shark

Summary: -26 species of shark now deemed non-dangerous and/or endangered and worthy of release. Effective target list size = -74+ target species.

In 2017 the Great Barrier Reef Marine Park Authority issued a renewed permit for the QSCP to operate in the GBRMP. Under the permit, a target species list was established. This is the first time a Target Species List was established for the Program. As mentioned above,

prior to this, a non-dangerous shark list was maintained and all species on the non-dangerous list were released alive, if found alive.

Summary: Effective target list size = 26 target species.

In 2018, additional shark species were removed from the Target Shark List and justification for the decisions, provided through RTI 21-383 (Appendix D), are below:

- Blacktip Reef Whaler (*Carcharhinus melanopterus*)
 - o Grows to a relatively small size in Australia (rarely greater than 1.4m). Bite incidents may inflict injury but no fatalities recorded in Queensland attributed to this species. The species typically inhabits coral reef areas.
- Galapagos Shark (*Carcharhinus galapagensis*)
 - o Not known to be found in Queensland and has never been caught in the QSCP.
- School Shark (*Galeorhinus galeus*)
 - o Grows to a relatively small size and are rarely encountered in Queensland.
- Thresher Sharks (3 species) (*Alopias* spp.)
 - o Thresher sharks are oceanic species that are rarely seen in inshore areas where the QSCP operates. The last reported thresher shark caught in the QSCP was in 1989. This species has a relatively small mouth. There are no bite incidents recorded in Queensland attributed to thresher sharks (Australian Shark Attack file). Can grow to a large size but a significant amount of the length is attributed to the very large tail.
- Whitetip Reef Shark (*Triaenodon obesus*)
 - o Grows to a relatively small size. Bite incidents are generally provoked and non-fatal e.g. spearfishing.

Summary: Effective target list size = 19 target species.

In 2019, an Administrative Appeals Tribunal (AAT) decision removed the target species list from the GBRMP Permit and required all sharks caught to be released alive. The Target Species list continues to apply to all waters outside of Commonwealth GBRMP waters.

In 2023, the target list was reduced to 7 sharks, with all target sharks found alive in both shark nets and drumlines killed, except in the GBRMP.

Summary: Effective target list size = 7 target species.



There have been 40 non-fatal incidents and 2 fatal incidents at QSCP beaches since the program's inception.

ZERO SAFETY BENEFIT

In 2021, Mark Furner (Minister for Agriculture and Fisheries) admitted, within a response to a Question on Notice, that QDAF does not measure the effectiveness of their shark culling program.

“The Department of Agriculture and Fisheries does not specifically collect data on shark bites.”

The full question and answer can be found in Appendix E.

Given the explicit intent of the program is to reduce shark bites in Queensland coastal waters, this is a damning admission in itself, that they do not measure or track shark bites in Queensland coastal waters. Furthermore, the sheer number of incidents at QSCP beaches should be evidence enough to show that this program does not keep beach goers safe.

There have been 40 non-fatal incidents and 2 fatal incidents at QSCP beaches since the program's inception⁵.

The most recent shark bite incident at a QSCP beach occurred just days before the release of this report, at Bargara which is a heavily drumlined beach (20 drumlines).

The tragic fatal shark bite at Greenmount in 2020, which is the most heavily shark netted and drumlined piece of coastline on the planet, is just another reminder of the false sense of security perpetuated by this program.

This overstating of the effectiveness of the program, whilst also admitting the program's effectiveness is essentially not measured by QDAF, is unacceptable.

Since the 2017 Federal Senate Inquiry on Shark Mitigation and Deterrent Measures and also the AAT 2019 HSI v GBRMPA and Queensland Department of Agriculture and Fisheries (QDAF) case⁶, it is widely acknowledged that the current QSCP provides no tangible safety benefits to humans.

“The lethal component of the SCP does not reduce the risk of unprovoked shark interactions. The scientific evidence before us is overwhelming in this regard.”

⁵ <https://taronga.org.au/conservation-and-science/australian-shark-incident-database>

⁶ AAT 2019 HSI v GBRMPA and Queensland Department of Agriculture and Fisheries (QDAF), <http://envlaw.com.au/sharks/>

⁷ Queensland Shark Control Program Modernisation Proposal and Cost Estimate, October 2020, https://www.envoy.foundation/_files/ugd/1d67c4_Oc11b9c04a804192a6e9f7e2a4e65dbe.pdf

⁸ IUCN SSC 2023, Position Statement on Shark Control Programs and Shark Culls, IUCN Species Survival Commission (SSC) Shark Specialist Group, <https://www.iucn.org/resources/commission-statement/iucn-commission-statement-shark-control-programs-and-shark-culls>, [Open Position Statement in browser: <https://www.iucn.org/sites/default/files/2023-10/2023-commission-statement-on-shark-control-programs-and-shark-culls.pdf>]

⁹ Fisheries Act 1994 (Queensland), <https://www.legislation.qld.gov.au/view/html/inforce/current/act-1994-037>

Despite a significant body of scientific evidence supporting this conclusion, the state government continues to operate the QSCP with little regard for the program's significant impact on non-target marine species and the overall ecosystem.

Since the above AAT proceedings in 2019, Queensland has been required to operate a non-lethal program within the GBRMP but has been slow, erratic, ineffective and in many ways, nonsensical in adopting this change. For example, needlessly long trials of well-proven catch-and-release drumline technologies, refusal to deploy well-proven and well-suited shark barrier technologies and more⁷.

Of significance, in August 2023 the International Union for Conservation of Nature (IUCN) Species Survival Commission released a Position Statement On Shark Control Programs and Shark Culls, stating that, “Based on existing evidence, the use of non-lethal approaches in shark bite mitigation is the preferred management option⁸”. Australia is an IUCN member.

The lack of evidence supporting the efficacy of shark nets and drumlines in preventing shark attacks underscores the importance of reevaluating and adopting more scientifically sound approaches to beach safety that minimise harm to marine life.

EXCLUSION ZONE

In 2019, under the *Fisheries Act 1994*⁹, the Queensland Government established a 20-metre exclusion zone around QSCP equipment with heavy penalties for violations (approximately \$30,000 maximum fine, as at today's penalty unit valuation).

The government provided no substantive reason for introducing the exclusion zone other than purported safety concerns, citing an incident where a nine year old boy was killed by being entangled by a drumline some 27 years earlier.

It was omitted from this reasoning, that the drumline had in fact been washed into the surf break during a storm surge, causing this fatality of a young boy who had no intention of being near a drumline, and was simply trying to surf. It was also omitted why it took 27 years for safety concerns to arise, or for action on an exclusion zone to be taken, if safety was the genuine motivation

for this change following this incident.

Notably, the government implemented this exclusion zone following increased exposure of footage and photographs taken by critics of the QSCP, revealing the animal cruelty of the program to the public.

The exclusion zone restricts public access to these areas, hampering citizens, environmental advocates, and animal welfare organisations from witnessing the QSCP's methods and the harm inflicted on marine life. Additionally, it perpetuates the misconception widely held in the community that this equipment acts as a barrier to prevent human-shark interactions.

If transparency was a priority, the government could provide exemptions to the exclusion zone for individuals trained in diving protocols or those knowledgeable about the risks associated with diving near an entanglement hazard. By allowing such exemptions, the government could facilitate community observation of the QSCP's activities while minimising potential safety risks.

However, the seemingly intentional lack of transparency or exemptions hampers efforts by community organisations to address concerns about animal welfare, beachgoer safety and complicates attempts to hold accountable those responsible for ensuring humane practices.

MISSING EQUIPMENT

Another concerning aspect of the QSCP is the recurrent issue of missing equipment. Instances of equipment disappearance are not uncommon, with some cases remaining unresolved, effectively rendering the missing gear as “ghost nets” or “ghost hooks.” These lost devices pose significant risks to both marine life and human safety for years or decades. These items can easily ensnare unsuspecting beach goers or marine animals, leading to injury, entanglement, or death.

Some examples of reported missing equipment can be found in Appendix C, as discovered through RTI 22-098. Of particular note, is a shark net which was reported missing from Harbour Beach in Mackay on 31 August 2020.

In an email from Michael Mikitis, A/Manager Shark Control Program – Fisheries Queensland, he states:

“Good morning all,

As discussed yesterday with a number of you, please be advised of a missing Shark Control Program net from Harbour Beach, Mackay.

At this stage we have not been able to locate the missing net or ascertain how the net

It was also omitted why it took 27 years for safety concerns to arise, or for action on an exclusion zone to be taken, if safety was the genuine motivation for this change following this incident.

became dislodged. Please note the steps below taken so far to try and locate it –

- The net was last sighted Sunday morning during normal servicing by the Shark Control Program Contractor.*
- A thorough at sea search of local beaches and inshore waters was conducted immediately the nets was noticed to be missing.*
- Harbour Beach is outside the GBRMP, however depending on what's happened, it is possible the net may now be within the GBRMP.*
- DAF chartered a light aircraft (31/8/20) and conducted an aerial search from Harbour Beach to Cape Hillsborough and out to Keswick Island.*
- Reef VTS, MSQ, NQ Ports (reef pilots) and Mackay helicopters (charters) have all been notified and are keeping an eye out.*
- Fisheries Queensland is liaising with MSQ on boat operations in the area and will consider further action today if the net is not located.*

Any assistance GBRMPA can provide would be appreciated.”

Although not contained in RTI 22-098, we are also aware of a net going missing at Rainbow Beach on 10 August, 2021 which the department has confirmed:

“There has been one (1) shark net go missing since 2019. It is very rare and unusual for a net to go missing like this and not be recovered.

Due to the way missing gear is recorded, I am unable to generate a report and therefore can not provide accurate numbers for drumlines. We don't have a need to report on missing gear so the system isn't set up this way.

I can assure you though, that any missing gear is reported to the SCP team immediately by the contractor and we have processes to follow to search for, and retrieve missing gear.

It must be noted that both of these shark nets have gone missing during humpback migration season, a significant and concerning issue that will be explored in greater detail within the ‘Catch and Kill Data: 2023’ section later in this report.

The recurring incidents of missing equipment highlight the need for improved oversight and accountability within the program to mitigate risks to marine ecosystems and human safety.

These lost devices pose significant risks to both marine life and human safety for years or decades. These items can easily ensnare unsuspecting beach goers or marine animals, leading to injury, entanglement, or death.

PROGRAM OPPOSITION

Among experts, opposition to the QSCP is almost unanimous. This includes **government departments and government-funded organisations**. Some of these organisations will not speak openly to us or to the media about their opposition of the QSCP, and so their position in some cases remains hidden in FAQ sections of websites. Nevertheless, their position, once located, is very clear - they do not support the QSCP.

Below are some examples of respected community organisations, and these positions are in line with the lack of evidence to show that shark culling protects beach goers.

Department of Climate Change, Energy, the Environment and Water

"Shark control programs generally rely on lethal methods to control 'dangerous sharks' near popular beaches. Although one of the stated aims of the New South Wales program is to deter 'dangerous' sharks from establishing territories through their beach meshing program, evidence suggests that white sharks do not maintain 'territories' and more likely pass through meshed areas of the east Australian coast on route to favoured aggregation areas. New South Wales has a policy of releasing white sharks where possible; however, this is not always successful. More work needs to be undertaken to promote non-lethal methods of shark control in both the New South Wales and Queensland shark control programs¹⁰."

Queensland Department of Environment, Science and Innovation

"The greatest threat to the recovery of the Australia east coast population of grey nurse sharks is indirect bycatch - either in recreational or commercial line fishing gear or in shark control equipment. These sharks swallow fish whole and hence fishing hooks as well, instinctively targeting a fish that is retreating to deeper water after being hooked, resulting in sharks being hooked themselves¹¹."

RSPCA

"The RSPCA does not support killing sharks as a response to shark incidents involving humans. This

¹⁰ Issues Paper for the White 2013, Australian Government, <https://www.dcceew.gov.au/environment/biodiversity/threatened/publications/recovery/white-shark-issues-paper>

¹¹ Department of Environment, Science and Innovation, Forest and Parks, Queensland Government, Great Sandy Marine, <https://parks.des.qld.gov.au/parks/great-sandy-marine/about/culture/grey-nurse-sharks>

¹² What is the RSPCA's view on killing sharks to reduce shark incidents?, as updated 3 October 2023, <https://kb.rspca.org.au/knowledge-base/what-is-the-rspcas-view-on-killing-sharks-to-reduce-shark-incidents/>

¹³ Sea World Foundation's Scientific Advisory Committee, Frequently Asked Questions, What is the Foundation's opinion of the Shark Control Program?, accessed 21 February 2024

<https://seaworld.com.au/foundation/research/scientific-advisory-committee>

¹⁴ Dugongs, turtles, dolphins among over 700 animals killed in Queensland's shark nets and drumlines in 2023, Humane Society International, 10 January 2024, <https://hsi.org.au/blog/dugongs-turtles-dolphins-among-over-700-animals-killed-in-queenslands-shark-nets-and-drumlines-in-2023/>
<https://hsi.org.au/blog/dugongs-turtles-dolphins-among-over-700-animals-killed-in-queenslands-shark-nets-and-drumlines-in-2023/>

approach causes unnecessary animal suffering to both target and non-target species. In addition, culling disturbs marine ecosystems and affects protected and vulnerable species including the targeted great white shark and non-target species such as the grey nurse shark. The available scientific evidence does not convincingly support the claim that killing sharks will reduce the risk to public safety. The RSPCA only accepts the management of wild animals where it is justified, effective and humane; the killing of sharks does not meet these criteria¹²."

Sea World Australia

"In an ideal world we would like for there to be no culling of sharks in Australia and around the world however, this is not a reality. We understand the pressure on governments to protect swimmers through the use of shark control programs. We continue our stance against shark nets and maintain our rescue operations to save dolphins, whales, turtles that become entrapped within them, along with working with the authoritative agencies to research improved methods which will lessen the impact on our marine life¹³."

Humane Society International Australia

"This data tells us plain and simple - nets and drumlines don't discriminate. These wildlife death traps have a kill rate of 70% for non-target animals. We saw the footage last week [20 December 2023] of the tiger shark being brutally killed. Now we know that this scene may have replayed up to 322 times in 2023 - once for every target shark caught in South East Queensland, if it survived the initial entanglement or hooking. Thankfully, target sharks are spared this fate in the Great Barrier Reef thanks to a successful court challenge by HSI in 2019.

"Shark incidents are rare, and this program doesn't stop them from happening. Almost half of sharks (40%) are caught in the nets on their way out from the beach. Additionally, by trapping wildlife right off beaches, the nets could even be attracting sharks closer inshore¹⁴." Lawrence Chlebeck, Marine Biologist.

Australian Marine Conservation Society

"Queensland must modernise its 62-year-old beach safety standards to improve the safety of humans and

wildlife alike. Nobody would accept 62-year-old safety standards at home, work or school, and the beach should be no different.¹⁵" Dr Leonardo Guida, shark scientist.

Labor Party (Federal)

"Labor's national platform states: in Australian waters and throughout the world's oceans, Labor will encourage protection for iconic marine species like whales, dugongs, turtles and sharks"

"Labor senators note that the concept of conducting a 'shark cull' program to rid our ocean of a particular species as floated by the previous WA government was absurd*" Labor Senators' dissenting report, Shark mitigation and deterrent measures, Senate Inquiry 2017

*NOTE: The WA program being referenced had a target list of three species, and was smaller in scope and scale than the current Queensland program that is supported by Queensland Labor

Greens Party (Federal)

"The Australian Greens do not support the use of lethal shark mitigation methods, such as shark nets. This inquiry has established that shark nets currently in place in New South Wales and Queensland are significant and

¹⁵ Dugongs, turtles, dolphins among over 700 animals killed in Queensland's shark nets and drumlines in 2023, Humane Society International, 10 January 2024, <https://hsi.org.au/blog/dugongs-turtles-dolphins-among-over-700-animals-killed-in-queenslands-shark-nets-and-drumlines-in-2023/>



indiscriminate killers of protected marine life; provide no guarantees of safety to ocean users; and are an outdated, last century approach to shark mitigation." - Australian Greens' additional comments - Shark mitigation and deterrent measures, Senate Inquiry 2017

Public Opinion

The public has long opposed shark culling in Queensland waters, however for reasons of political convenience and cowardice, the program has not modernised in line with community expectations. An Essential Research poll found in 2019 that:

- There is widespread support for the replacement of baited drumlines and shark nets in Queensland
 - o Replacing lethal shark control with non-lethal alternatives is supported in the Great Barrier Reef Marine National Park by 73% of Queenslanders
 - o 71% support non-lethal alternatives along the entire Queensland coastline.
 - o 77% of both Labor and Greens voters, 65% Coalition and 66% other party or independent voters support non-lethal alternatives along the Queensland coastline.

- Most Queenslanders recognise the harmful impact of baited drumlines and shark nets on other marine life and over half the state agree that sharks should not be culled by shooting
 - Overall 77% of Queenslanders agree that using drumlines and sharks nets are harmful to other marine wildlife such as dolphins and turtles.
 - Labor (83% strongly/somewhat agree) and Greens (78%) voters in Queensland are more likely to agree with this statement than Coalition (72%) and other voters (71%).
 - 65% of Queenslanders agree that sharks should not be culled by shooting
 - 18-34 year olds (74%) are more likely to agree than those aged over 35 (62%) that they believe sharks shouldn't be culled by shooting.
- The vast majority of Queenslanders agree that when swimming in the ocean, there are risks
 - 82% of Queenslanders agree that when swimming in the ocean, it is the shark's domain and accept there may be a rare risk of shark bite; with Labor voters (87%) most likely to agree than other voters (79%).
 - Older Queenslanders (over 55 years, 86%) are more likely to agree with this statement than 18-34 year olds (77%).

Dr Bonnie Holmes (shark scientist) recently said to the ABC that if she were “in charge”, Queensland’s shark program wouldn’t be in place¹⁶.

Daryl McPhee said he would “never recommend a lethal program, and could never imagine advocating for a lethal shark program anywhere¹⁷.”

Other noteworthy opposition on public record includes:

- *“It seems unimaginable to me that a system would be put in place to punish an animal for roaming in its natural habitat”* Eric Bana
- *“Miles and miles of net. Shadowy death traps for some of the most magnificent animals of our ocean depth. The nets are there to protect swimmers but every year, thousands of sharks slowly drown, struggling for their life against the nasty mesh. Its not just the sharks, countless numbers of dolphins, turtles, whales, dugongs and other marine life suffer a lingering death. It just breaks my heart to see a Mako hanging here dead as a door nail. Its time the world woke up to the fact that we’re destroying sharks at a great rate of knots. Another death trap is the drumline. This beautiful blue shark has been*

hooked up and drowned. This is a very successful method for catching sharks, and whats happened here is another shark has taken advantage of this and tried to feed on it. You can see the teeth marks in the top and right into its gills.” Steve Irwin

- *“Instead of embarking on a culture war on sharks and endorsing destructive, unscientific and largely ineffective, shark control measures, I urge governments and media to look at the science and the Senate inquiry report and understand safety in our oceans and the protection of vulnerable species aren’t binary options, both are possible and can be done much more effectively.”* Senator Peter Whish-Wilson
- *“Because of you and the almost 150,000 others who’ve signed this petition, it is getting harder and harder for the Labor State Government to justify their program. I know from my experience trying to raise the matter in Parliament and being shut down by the responsible minister, Mark Furner, that it’s an increasingly sensitive topic. I’d be sensitive too if my Government was needlessly killing and maiming sharks, whales and other marine life without any evidence that it’s actually making swimmers safer.”* Michael Berkman, Member for Maiwar

And in relation to Western Australia’s (WA) brief shark cull in 2014, which was more selective and smaller in scale than Queensland’s far reaching and long running program:

- *“You’re advertising a problem that doesn’t exist in a major way and you’re deterring people from wanting to come to Perth and your beautiful countryside around it. All you’re going to achieve, I think, is to worry people unnecessarily. Last year Australia was praised all over the world for creating the biggest marine reserves. This year, the world is looking at Australia – and particularly Western Australia – and wondering what on earth is going on.”* Richard Branson
- *“To the government of Western Australia – Listen to Facts, Listen to Science, Listen to Reason – Stop the Shark Cull.”* Ricky Gervais

Australian Government response to 2017 Senate Enquiry

In November 2023, six years following the release of the Senate Environment and Communications References Committee’s final report¹⁸ and recommendations on shark mitigation and deterrent measures, the Australian Government’s response lacks substantive commitment.

The overarching stance suggests that “State and territory governments need to consider whether shark mitigation activities may have a significant impact on matters protected under national environmental law and to refer activities to the Australian Government accordingly.”

The 20 recommendations presented in the Senate committee’s report collectively aim to redirect the focus from lethal shark control methods to more transparent, non-lethal alternatives, underpinned by rigorous data collection and analysis. The primary intention of these recommendations is to enhance public safety while minimising adverse effects on marine species.

In stark contrast, the Australian Government has not agreed to any of the recommendations.

Their overall response involves merely ‘noting’ the recommendations and consistently emphasising the role and responsibility of state and territory governments in addressing shark-related issues.

While acknowledging the substantial roles played by state and territory governments, it is crucial to emphasise that the federal government holds a pivotal responsibility for overseeing and enforcing activities permitted under Australian legislation.

MODERNISATION LAGS BEHIND NEW SOUTH WALES

Queensland’s shark program trails (NSW) by a decade or more in modernisation efforts. For example, NSW removes shark nets for much of the humpback whale migration, balancing marine mammal protection with public safety. In contrast, Queensland’s program fails to respond to conservation concerns and non-lethal approaches.

NSW also uses drones at beaches for enhanced surveillance, providing real-time information to beachgoers and improving safety measures. These initiatives balance public safety and environmental conservation and are strategies Queensland can and should adopt without delay.

While the NSW program still needs much improvement, it has adopted technologies like satellite-linked drumlines for quicker catch detection and release in an attempt to reduce harm to marine life. However, it is important to note that while satellite-linked drumlines improve the survivability of an animal, all drumlines cause suffering and injury, and even if the animal is released alive, their survival from the ordeal is not guaranteed.

¹⁶ <https://www.abc.net.au/news/2024-01-09/queensland-shark-drumlines-sharknets-sunshine-coast-shark-killed/103295254>

¹⁷ <https://www.theguardian.com/environment/2021/mar/09/vast-majority-of-sharks-caught-in-great-barrier-reef-drum-lines-died-despite-tribunals-orders>

¹⁸ Australian Government response to the Senate Environment and Communications References Committee report: Shark mitigation and deterrent

measures, November 2023, https://www.aph.gov.au/Parliamentary_Business/Committees/Senate/Environment_and_Communications/Sharkmitigation/Government_Response.

CATCH AND KILL DATA: 2023

In 2023, 1,096 animals were caught in the QSCP - the highest amount of catch, and highest percentage of bycatch, in over 20 years on record. Of these, 614 (or 56%) were non-target bycatch including protected species. Additionally, 286 non-target shark species were mislabelled by contractors as target species. We can only assume those found alive were unnecessarily killed, as per the protocol when a 'target' species is found alive. If bycatch is counted using the proposed definition of 'target species' by the government's Shark Control Program Scientific Working Group, meaning the only target species are bull sharks, tiger sharks, and white sharks, the bycatch percentage for 2023 would be 65%.

This section relies primarily on the raw data at Appendix A released by QDAF to Envoy Foundation. If you would like a copy of the dataset for further data analysis, please contact us. While we have analysed the QFish data, we have not relied on it for various reasons as discussed below.

QFISH PLATFORM

QFish is a government platform available to the public, serving as a repository for fisheries-related data, including the QSCP. However, the data available on QFish relating to the QSCP is misleading and inadvertently obscures critical nuances, leading to deceiving interpretations.

An illustrative example of this is evident in the 'fate' filter, where options are binary alive or dead, seemingly straightforward classifications. However, it's crucial to note that this data pertains to the status animals are found in fishing equipment, rather than how they are left. Notably, any target sharks discovered alive in equipment are killed. So although the is alive filter will show 722 animals, there were an additional 230 sharks (194 target sharks and 36 incorrectly categorised as target sharks) that were found alive, and then killed. Therefore the true number of animals killed (target and bycatch) within the QSCP during 2023 is 867 animals.

Upon scrutinising the raw dataset provided by QDAF, a troubling discovery emerged, revealing nearly 286 non-target sharks were erroneously categorised as target sharks. This oversight implies that these animals, were they found alive (of which 36 were), would have been incorrectly killed. This revelation underscores a glaring lack of monitoring within the program, particularly alarming considering the continuation of non-target shark killings for 12 months following their removal from the target list on January 1, 2023. Such discrepancies highlight the urgent need for enhanced oversight and transparency measures to address the integrity and ethical implications of fisheries management practices.

In addition, during 2023 the data available through QFish was out of date for approximately 6 months from June 2023 until it was updated in December 2023. For this reason, we sought the raw data from DAF and did not rely on QFish data.

DATA DISCREPANCIES

The data collected in the field by contractors is dependent on the accuracy of the contractors' knowledge and recording, and is often impacted by subjective interpretation, and situational and environment factors.

Further, it should be noted that there is a vested interest in contractors underreporting bycatch in order to understate the impact of the program and help ensure its continuation.

During our analysis, several discrepancies were observed, including the instances where animals were inaccurately categorised as target sharks. Additionally, dugongs were incorrectly labelled under 'other' instead of 'mammals.'

Further there is a generic category for 'hammerhead shark' used for 12 animals, and based on the information available we have classed these as potentially 'scalloped hammerheads'. Devilrays are not categorised specifically and we take these as being any one of the five devilray species listed in the EPBC migratory list and therefore, like scalloped hammerheads, are protected.

These discrepancies highlight inconsistencies in the way data is recorded by contractors and raises concerns regarding lack of transparency of QSCP activities which impact wildlife and the environment. We understand there is little to no independent monitoring, be it by observers or CCTV. This is highly problematic for a government funded program that is by its very design, tasked with killing endangered and protected species.

CATCH BY REGION

The table on the following page provides a comprehensive overview of the 2023 QSCP catch data, categorising animals into target shark species and bycatch and indicating whether they were discovered alive or deceased. Particularly concerning is the number of non-target sharks that were erroneously classified as target sharks. It is important to note that while non-target bycatch found alive is also released alive, the department lacks data on post-release mortality, a critical gap that raises concerns, particularly considering the injuries inflicted during capture. We fear that post-release mortality rates may be low due to these injuries.

Region	Bycatch		Target Sharks		Total	# Bycatch Misclassified as Target
	Found Alive	Found Dead	Found Alive (then killed)	Found Dead		
Cairns	14	26	13	13	66	16
Townsville	23	70	28	67	188	20
Mackay	14	18	20	24	76	12
Gladstone	9	55	7	22	93	34
Capricorn Coast	46	77	52	76	251	95
Bundaberg	3	11	21	21	56	11
Rainbow Beach	20	31	2	13	66	12
Sunshine Coast North	16	67	13	25	121	43
Sunshine Coast South	3	27	3	7	40	20
Bribie Island	1	1	1	1	4	0
North Stradbroke Island	6	0	7	6	19	0
Gold Coast	26	50	26	14	116	23
TOTAL	181	433	193	289	1096	286

Table 3: Catch by region.

As can be seen in the above data in Table 3, 1,096 animals were caught in the QSCP program in 2023. This is the highest amount of catch in over 20 years, according to QFish data¹. Of these, 614 (or 56%) were non-target bycatch including protected species. Additionally, 286 non-target shark species were mislabelled by contractors as target species.

We can only assume those found alive were unnecessarily killed, as per the protocol when a 'target' species is found alive.

¹ <https://qfish.fisheries.qld.gov.au/query/number-caught-by-area-calendar-year-and-species-group/table>



NON-TARGET SPECIES KILLED

A critical aspect of the QSCP is the harm inflicted on non-target animals. Often lumped together and termed simply as 'non-target species,' these creatures, ranging from majestic dolphins to elusive turtles, large fish, whales and sharks, generally acknowledged as not posing a threat to humans' and other unique wildlife.

In 2023, 614 unintended animals were caught including²:

- 25 mammals: 11 humpbacks; 12 dolphins; 2 dugongs
- 38 turtles: 10 green; 1 hawksbill; 3 leatherback; 24 loggerhead
- 49 rays: white-spotted guitar; white-spotted eagle, guitar, devilray, eastern shovelnose, giant shovelnose, manta, reticulate whip ray
- 26 large fish: catfish; cod; giant trevally; groper; marlin; queen fish; snapper; toadfish; tuna
- 476 non-target sharks including protected sharks, such as grey nurse and mako sharks

More than 70% (433) of these animals were found dead, and without post-release date we can only assume that potentially all are in fact, dead.

HUMPBACK WHALES

Humpback whale entanglements remained regular and high profile in 2023 as the QSCP continue to use disproven technologies such as 'pingers' in a futile attempt to reduce humpback entanglements on the Humpback Highway, whilst refusing to take the one simple step needed to avoid the majority of entanglements: remove shark nets during whale migration season.

Recent humpback whale catch:

- 2023, 11 humpbacks caught
- 2022, 15 humpbacks caught
- 2021, 4 humpbacks caught
- 2020, 6 humpbacks caught

These are only the recorded entanglements, and there is no way to know the true number of whales entangled, or know the number that died post-release. Both will be explored in more detail below.

¹ It is crucial to recognise and understand that the behavior of all wild animals can be unpredictable. Therefore It's essential for individuals to stay informed, remain vigilant, and respond appropriately when entering the wild, including local environments.

² <https://hsi.org.au/blog/dugongs-turtles-dolphins-among-over-700-animals-killed-in-queenslands-shark-nets-and-drumlines-in-2023/>

³ <https://www.dcceew.gov.au/environment/biodiversity/threatened/nominations/ineligible-ktp/death-or-injury-to-marine-species>

⁴ Dr Pirrota, V., Australian Geographic, 11 July 2022, <https://www.australiangeographic.com.au/news/2022/07/why-do-whales-keep-getting-tangled-in-shark-nets-and-what-should-you-do-if-you-see-it-happen/>

⁵ <https://www.couriermail.com.au/news/queensland/lastminute-backflip-on-pulling-out-shark-nets-for-whale-season/news-story/67903593eada98612537cae732da2763>

Ineffective attempts to reduce entanglements

The position of the QSCP that whale pingers are used to reduce these entanglements is deceptive messaging, and there is no evidence to suggest these are effective, as is demonstrated in the above statistics.

These devices have been in use for almost two decades, and it is abundantly clear that they are ineffective. Below is an early reference to these devices from 2005 by the Australian Government Department of Climate Change, Energy, the Environment and Water:

"acoustic alarms (or 'pingers') designed to reduce dolphin entanglement have been deployed on all mesh nets in NSW and are being trialled in Queensland. Sonic 'warning' beacons (whale alarms) to counter possible whale entanglements are also fitted to some mesh nets in Queensland (Gribble et al, 1998):"

Despite this, humpbacks continued to be entangled in nets fitted with pingers and have even died in shark nets since pingers began being used:

"I've seen the reality of whale entanglement in shark nets firsthand when I studied a humpback whale calf who died in a shark net a few years back. The animal autopsy (necropsy) conducted later confirmed the animal drowned. It was terrible." ⁴
Dr Vanessa Pirrota

After two decades of ineffective use, it is unconscionable that the QSCP continue to publicly parade their use as an active or effective step being taken to reduce cetacean entanglements. This is disingenuous.

It is our understanding that a full plan to temporarily replace shark nets with drumlines during humpback migration season each year was ready to announce in -2020, and was abandoned at the last minute due to political considerations⁵. It is also our understanding via information obtained by RTI 21-240, that nets were historically removed during migration season in the early nineties (-1991/92) at beaches including but not limited to Southport, Kirra and Coolangatta. It is unclear why this approach was abandoned.

Both examples, along with the annual shark net removal in NSW during migration season since 1989, show that

it is eminently possible and achievable to remove shark nets to protect humpbacks each year, and the choice not to do so is purely political.

Whales dying post-release

Whilst humpback whale releases from shark nets and drumlines are now common, and are often celebrated in department messaging - either overtly or implicitly as a happy ending - there is quite simply no science to support this.

DAF has admitted that they have zero post-release mortality data relating to humpback whales, and have no intention to gather any such data, preferring to farm out responsibility to not-for-profit organisations.

"I can assure you that the Department and all of us here in the Shark Control Program would like to see this kind of research and would be very interested in the results. The current priority for the team and I is to continue to deliver the commitments in [Queensland Shark Management Plan 2021-2025](#), including ongoing trials and evaluations. We are nearing the end of the research and trial phase of this plan and from July 2024 we will be looking at the whole program review, incorporating what we have learnt over the past few years.

We are also committed to delivering research that will help inform the future direction of the Program, guided by the Shark Control Program Research Strategy which is informed by the scientific Working Group. With finite resources within the team (financial, staffing, time etc.) we rely on collaboration and partnerships to help deliver this large program of work. More information of the current and recent research projects we have delivered, or are collaborating in can be found [here](#). There are also many other small scale university research projects that we are supporting that are not listed here.

Given the current priorities described above and limited capacity, we are more than happy to be involved in research into post release mortality of whales where we can, however we would be relying on the experts (e.g. Sea World and/or Olaf) to drive this research."

To the contrary of the Department's 'all's well that ends well' whale release narrative, there is expert evidence on record by the head of Sea World Rescue, Wayne Phillips, that anything other than a perfect disentanglement with no equipment remaining on the whale, particularly around the tail fluke, is likely to lead to whale mortality:

"When they cut off some of the net. The whale will swim off quite nicely, but unfortunately, it's still a death sentence. Any material around that fluke means the whale will end up succumbing."
- Wayne Phillips, Sea World

A secondary consideration to humpback whale welfare is the economic impact of whale entanglements. Given that one of the stated reasons for the QSCP's continuation, or lack of modernisation of the QSCP is often tourism, it seems biased that Queensland, when evaluating the reputational risk of modernising shark control measures, does not seem to take into account the tens or hundreds of millions of dollars in negative earned media value that is generated for the Queensland brand by the QSCP. Wrong, too, is any suggestion that we are winding back the use of shark culling measures at beaches. To suggest otherwise could damage our tourism industry by creating unfounded fear⁶.

Each year images and videos of humpback entanglements are distributed globally, heavily tarnishing Queensland's brand internationally. As far as we are aware, no steps are taken to understand the negative value or impact of this.

Missing Entanglement Data

It must also be noted that the above numbers are only the confirmed entanglements, there are likely many more each year that go unreported, given the size and power of humpback whales, and their ability to break or drag equipment, and self-release. This is admitted by the Department below, received through RTI 22-098:

*"It is possible that this may be the result of a whale strike. The anchor and ground tackle are likely to still be in place but the contractor can't confirm until visibility improves (likely early next week). The gear was last serviced 2 days ago. **In most instances of whales interacting with drumlines, the gear comes loose of its own accord and MART involvement is not required.**"*
Incident Summary - Incident ID: 31032

There have also been anecdotal reports of whales being caught in shark nets, and breaking free without rescue teams attending. Sometimes whales will self-release by breaking equipment, and sometimes whales swim away entangled in/dragging equipment.

When questioned on missing equipment, the Department admitted to poor record keeping and an inability to report accurately on this.

"There has been one (1) shark net go missing since 2019. It is very rare and unusual for a net to go missing like this and not be recovered.

The shark net is understood to have disappeared over the night of 20th/21st of August. There have been no sightings of Migaloo since this shark net went missing.

Due to the way missing gear is recorded, I am unable to generate a report and therefore can not provide accurate numbers for drumlines. We don't have a need to report on missing gear so the system isn't set up this way.

I can assure you though, that any missing gear is reported to the SCP team immediately by the contractor and we have processes to follow to search for, and retrieve missing gear.

Due to bad weather and/or boat strike, we do see missing drumlines (or part of) more often than nets. However, on the vast majority of instances these are found and retrieved, usually washed up on the beach nearby."

By reviewing the Department's own emails obtained through RTI, we have in fact found more than one shark net which has gone missing since 2019, highlighting their self-admitted poor record keeping.

The department should urgently implement 24-hour GPS and/or video monitoring of QSCP equipment, especially during whale migration season, to ensure more accurate entanglement numbers can be reported, and not simply report the oversimplified and incorrect number of humpbacks that are either killed and/or released by rescue teams.

Missing Migaloo

Topical to the issue of whales self-releasing with an unknown fate, and lost QSCP equipment, it is also of extreme concern that Migaloo was once again not sighted in 2023, after zero sightings in both 2022 or 2021.

Of further note is a shark net which disappeared from

⁷ <https://meridian.allenpress.com/australian-zoologist/article-abstract/42/4/1014/488258/Sighting-records-of-Migaloo-the-white-humpback?redirectedFrom=fulltext>

Year	Date	Location	Source	Certain, Likely or Anecdotal
1991-2018	Omitted	Omitted	Omitted	Omitted
2019	3 July	Port Douglas, QLD	Wavelength Reef Cruises	Likely
2019	5 July	Port Douglas, QLD	Silversonic Cruises	Likely
2019	29 July	Port Macquarie	Leigh Mansfield & Jodie Lowe	Certain
2020	17 June	Port Macquarie	Leigh Mansfield & Jodie Lowe	Likely
2021***	None	None	N/A	None
2022	None	None	N/A	None
2023	None	None	N/A	None

***Unrecovered/lost shark net disappearance, 10 August 2021 at Rainbow Beach, as confirmed by QDAF. Table 4: Excerpt from sighting records of "Migaloo" the white humpback whale provide evidence of Australian site fidelity and use of New Zealand waters as a migratory route, source, Vanessa Pirota et. al, 2022, <https://doi.org/10.7882/AZ.2022.043>.

Rainbow Beach 10 August 2021. This comes just over a year after the final documented Migaloo sighting and comes at a time when the Humpbacks are known to be leaving the Great Barrier Reef or Hervey Bay areas, and passing by the Rainbow Beach area where the net vanished.

The date of this missing net aligns strongly with Migaloo's migration patterns observed for most years between 1992 - 2016⁷.

The shark net is understood to have disappeared over the night of 20th/21st of August. There have been no sightings of Migaloo since this shark net went missing.

It is plausible that whilst Migaloo was not spotted by humans in 2021, he was alive and on the Queensland coastline, and was entangled in this Rainbow Beach shark net overnight on 20th/21st of August. Being a large male or 'bull' humpback, he would be more than capable of dislodging a shark net and attempting to continue on his migration, or fleeing away from the coast in distress.

If this plausible situation has transpired, it would be a certain death sentence for him.

We are curious what evidence QDAF is able to present to allay concerns that this shark net may have possibly killed Migaloo. We welcome QDAF to establish beyond reasonable doubt that the missing shark net was not due to a Migaloo entanglement (or any other humpback for that matter).

We encourage further independent Ombudsman or Investigative Journalist investigation of this topic and will facilitate access to any and all documents necessary.

PROTECTED SPECIES KILLED

The following table provides a succinct overview of data on species listed and/or protected under the EPBC Act that have been captured within the QSCP. Notably, table 5 below highlights whether these protected species were found deceased or alive upon discovery. Of significant concern is the unintentional capture and mortality of these protected animals, raising critical questions about the program's impact on marine biodiversity and conservation efforts. Again, while non-target bycatch found alive is also released alive, the department lacks data on post-release mortality.

Animals protected under EPBC Act ¹	Caught	Found dead
Dolphins	12	9
Dugongs	2	2
Turtles	38	5
Humpback Whales	11	0
Devilray	13	11
Grey Nurse Shark	5	2
Mako Shark	3	2
White Shark	11	7 (but all killed due to target shark classification)
Scalloped Hammerheads*	32	32
Manta Ray	9	2
Total	136	77

Table 5: All animals listed under the EPBC, including migratory list - caught in QSCP during 2023.

* includes animals listed as scalloped (20) and 'hammerhead shark' (12); in dataset

¹ <https://www.dcceew.gov.au/environment/epbc>



ANIMAL CRUELTY

On examining pertinent legislation together with legal experts, it became evident that the program consistently and routinely violates the *Animal Care and Protection Act 2001* (Queensland) during its day-to-day operations.

The Animal Care and Protection Act clearly stipulates that cruelty to animals is strictly prohibited, with severe penalties including substantial fines and imprisonment. The QSCP is only able to operate without facing prosecution for animal cruelty due to an exemption in the act written explicitly for this program.

QUESTIONABLE EXEMPTIONS

According to the *Animal Care and Protection Act 2001*, cruelty to animals encompasses a range of actions, such as causing unjustifiable pain, beating, abusing, tormenting, overdriving, and confining animals without appropriate preparation.

Notably, the Animal Care and Protection Act provides an exemption for the QSCP under section 46, allowing the use of fishing apparatus for shark control purposes. However, we question the overly broad application of this exemption. We do not believe there is legal basis for it to be applied as a blanket exemption for the entire program and does not exempt any/all actions taken by contractors.

Section 46 of the *Animal Care and Protection Act 2001* which provides an exemption to QSCP against animal cruelty prosecution, is noted below:

s.46 Use of fishing apparatus under shark fishing contract

It is an offence exemption for an offence if—

(a) the act that constitutes the offence is the use of fishing apparatus under the [Fisheries Act 1994](#); and

(b) the use is—

*(i) to protect persons from attack by sharks; and
(ii) carried out under an agreement between any person and the State for the disposal, tagging or taking of sharks.*

Given that for the exemption to apply, (a), (b)(i) and (b)(ii) must all be met, the contractor must prove they committed cruelty with fishing equipment, and that the shark would have harmed persons, and that they hold a valid contract, in order for the exemption to apply.

At times when (a), (b)(i) and (b)(ii) are all met, the QSCP is exempt from the Animal Care and Protection Act according to section 46, but we strongly suggest that there is insufficient monitoring by Queensland

The tiger shark is stabbed multiple times but due to the incorrect tool being used, fails to kill the shark in a manner compliant with the Animal Care and Protection Act.

of contractor adherence to protocols to ensure that contractors are meeting all three criteria.

It must also be noted that when Michael Berkman, Member for Maiwar, attempted to discuss the QSCP during debate on the *Animal Care and Protection Act 2001* in 2022, Minister Mark Furner (Agriculture and Fisheries) immediately objected via a point of order, an objection that was incorrectly sustained by the speaker.

RECORD OF PROCEEDINGS - 01 Dec 2022

Mr FURNER: Mr Deputy Speaker, I rise to a point of order relating to relevance. The matter before the House is to do with the Animal Care and Protection Act; it has nothing to do with Shark Control Program under the Fisheries Act.

Mr DEPUTY SPEAKER (Mr Krause): That is a valid point of order. It is a different piece of legislation, as I understand. Whilst you have made observations about what is not in the bill, I ask you to please remain relevant to the long title of the bill, the Animal Care and Protection Act.

It is astounding and unconscionable that this topic of animal cruelty in the QSCP, has currently not been prosecuted due to an exemption in the *Animal Care and Protection Act 2001*, and also not permitted to be discussed during debate on the *Animal Care and Protection Act 2001*.

DOCUMENTED TIGER SHARK CRUELTY (20/12/2023)

A compelling example of the exemption's questionable applicability is an incident at Kings Beach, Caloundra, in December 2023, which we documented¹.

A tiger shark was subjected to a horrendous and cruel killing process. Contrary to the exemption conditions, the contractor used an inappropriate and not fit-for-purpose small knife rather than fishing apparatus to perform a "pithing" (stabbing to the brain) procedure.

The tiger shark is stabbed multiple times but due to the incorrect tool being used, fails to kill the shark in a manner compliant with the *Animal Care and Protection Act 2001*.

As the shark writhes in pain for well over a minute, the contractor gives up on this method of killing, and instead proceeds to gut the shark whilst still alive to cut and remove the heart. The entire process takes close to 5

minutes. The department maintains that all was done as per protocols.

"The contractor followed standard procedure by euthanising the tiger shark. Brain spiking/pithing is considered best practice for being the quickest and most humane method of euthanasia and is standard procedure in the Program. The contractor performed the correct technique in the footage but repeated the procedure a number of times to ensure the shark was successfully euthanised."

This response takes no issue, or makes no mention, of the inappropriate tool used to perform the 'procedure', or the extremely long time it takes for the shark to die, whilst clearly in pain the entire time.

Consequently, it is clear to us that not only are the current QSCP protocols for killing target sharks ineffective and inappropriate (more below), but also that the exemption in the *Animal Care and Protection Act 2001* **does not** extend to instances where contractors engage in cruel practices such as pithing with incorrect and inappropriate tools (eg: those not defined as fishing equipment in the Fisheries Act), as exemplified by the documented case.

The definition of fishing apparatus does not include tools like filleting knives, emphasising that the exemption is limited to actions involving legitimate fishing apparatus. Moreover, for the exemption to apply, the contractor must substantiate that the shark posed a threat to human safety, a burden of proof it has often failed to meet in past legal proceedings.

As such, given the cruelty exemption clearly does not apply to this case, we reported this case of animal cruelty to RSPCA. Case reference number is BQCM Inc 12811 and will be discussed in more detail below.

CONFLICTED INVESTIGATION

The RSPCA has confirmed that the established RSPCA investigation procedure for QSCP animal cruelty complaints involves redirecting cruelty reports to QDAF, which is the department that operates the program. Fundamentally, QDAF is tasked with investigating itself, raising a significant concern regarding a potential conflict of interest and lack of transparency.

In regards to the tiger shark complaint cited above (BQCM Inc 12811), this concern was proven correct, whereby the case was closed by QDAF with very little transparency, despite it being an abundantly clear case of cruelty.

"Taking into consideration the information to

QDAF is tasked with investigating itself, raising a significant concern regarding a potential conflict of interest and lack of transparency.

hand, reasonable suspicion that an offence has occurred, cannot be established. Therefore, I have determined that under the ACPA, there is insufficient evidence to support further investigation into the allegation of animal cruelty under section 18 of the Act."

We strongly advocate for a secondary investigation by the RSPCA into this alleged act of animal cruelty (BQCM Inc 12811), encompassing a thorough examination of potential lapses in training and monitoring of contractors to ensure protocols are followed.

Recognising the inherent conflict of interest arising from the involvement of QDAF staff or contractors in any investigation of animal cruelty, we advocate for an independent inquiry to ensure impartiality and uphold principles of animal protection. It is crucial for governments and relevant departments to establish mechanisms that ensure contractors act responsibly and ethically when handling animals. Additionally, there is a pressing need for non-lethal shark control measures that align with ethical, societal, and legal standards, without any exemptions.

It is also our position that the QSCP exemption may not apply to **any cases** of sharks being killed by contractors and that it only applies to animals killed in shark nets, or on drumlines.

As such, there are 230 more cases of animals that were killed by the contractor (target sharks, noted as being found alive in QDAF data) in 2023 that require an independent animal welfare investigation, noting that 36 of these sharks were incorrectly categorised as 'target sharks' and should never have been killed.

Without independent monitoring, it cannot be shown that killing these animals was not a breach of the *Animal Care & Protection Act 2001*, and given the precedent demonstrated above, should all be investigated by RSPCA. The scrutiny of any similar instances by an independent body is essential to ensure they do not reoccur.

WELFARE FAILINGS

While we consider the entire program to mistreat animals, according to the definition in the *Animal Care and Protection Act 2001*, when we or members of the public raise complaints to QDAF about specific concerns of animal cruelty (Appendix B) we or the public have documented, the response we inevitably receive is that contractors acted according to 'protocols'.

¹ Tiger shark animal cruelty Incident at Caloundra December 2023, video, https://drive.google.com/file/d/17JCFMe2eTtuOIU6g5dyKA0I0IG8B4cvI/view?usp=drive_link

To date we have not been provided access to these protocols, other than terse and vague emails as cited above, and similarly in a question from Michael Berkman taken on notice by Mark Furner². The information in this Question on Notice is also incomplete as it does not address the tiger shark's heart being removed, which is apparently part of the approved protocol.

From what we can establish of the protocols, they are absolutely not aligned with RSPCA recommendations, who advocate for the use of a firearm (which still presents significant challenges, despite the far greater power than a knife):

"The killing of sharks to help mitigate shark incidents is ineffective and inhumane. Drumlines with baited hooks can cause considerable pain and suffering for prolonged periods, which can be days. Non-target sharks as well as other marine animals such as seals, rays, turtles and dolphins can also be caught by the hooks; they are likely to be injured by the hooks and many will drown, including many shark species who must keep swimming to effectively 'breathe'. If they are found hooked on drumlines alive but badly injured, they will need to be euthanased rather than released. Drumline operators must therefore have sufficient knowledge to assess injuries and determine the survival prospect of caught non-target animals.

Where target sharks are caught on traditional drumlines they are shot. The shark brain is a relatively small target, thus to kill them with a firearm the shooter must know the position of the brain in the head. To humanely kill a shark using shooting, the most suitable firearm and ammunition must be used in combination with the correct point of aim to achieve a quick and painless death. Only trained operators with knowledge and experience in killing sharks should be used and it is not known if all contractors have the necessary skills."

Further, the current protocols (and specifically this tiger shark incident) does not align with an expert opinion we have obtained (anonymous due to fear of retribution from QDAF). Both RSCPA and this expert opinion seem to be in alignment:

"It looks still alive to me, during the whole procedure, despite efforts of pithing to make her brain-dead prior. I was not aware they pith with a knife instead of using a firearm. An animal of that sort of size needs the same approach as cows or horses for a more

'humane' euthanasia, if that's the method used (as opposed to overdose anaesthesia, which would require an insane amount of anaesthetic liquid injected/released in the environment, but would be the most humane way). You cannot guarantee immediate death with a tiny knife, and going at it repeatedly like this. You can see the movements of the animal suffering through it all. Without properly checking eye movements/gill response and reaction to any noxious stimuli (like gaffing a fin, pinching the flank) to ensure actual death; no way to be certain that the animal was deceased at the time of abdominal opening nor heart damage (or removal?)"

In addition to the questionable and cruel 'protocols' dictated to contractors by the department, there is little to no monitoring of contractors regarding the adherence of these protocols while on the water.

Although they are required to photograph their activities this does not always occur for various reasons given by contractors such as equipment failure, weather conditions and prioritising quick release of animals. Even when completed, a photograph only depicts a moment in time.

Uninterrupted CCTV of all contractor vessels would be the bare minimum criteria for the credible operation and transparency of the QSCP.

We encourage further independent Ombudsman or Investigative Journalist investigation of this topic and will facilitate access to any and all documents necessary.

² <https://documents.parliament.qld.gov.au/tableOffice/questionsAnswers/2024/112-2024.pdf>



ENVIRONMENT PROTECTION AND BIODIVERSITY CONSERVATION ACT (FEDERAL)

The *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act), a federal Act, was introduced to require approval for all activities nationally that harm:

- **threatened species**, for example, grey nurse sharks and great white sharks. Both are killed by the QSCP. Grey nurses are bycatch, whereas great white sharks are specifically killed by the QSCP as noted on the Queensland shark kill list¹
- **migratory species**, such as humpback whales which routinely get caught and die as a consequence of entanglement in QSCP shark nets and catch-kill drumlines)
- **marine species**, including dugongs and marine turtles
- and other animals, plants, habitats and places as detailed in EPBC Act approved lists.²

ABUSE OF S43B 'CONTINUATION OF USE' PROVISION

Due to grandfathered 'continuation of use' provisions under section 43B of the EPBC Act, shark control measures that were legal before the introduction of the EPBC Act can continue without any formal approval process as long as the activities do not expand.

NSW, the only other jurisdiction in Australia with a shark culling program, has kept their program the same size, which covers 51 beaches. However, Queensland has significantly expanded and intensified its program in the past 20 years, breaching the very loophole they rely on to avoid applying for official approval.

Queensland takes advantage of the Federal government's lack of vigilance and claims, "*The program pre-dates the EPBC Act, has remained substantially unchanged since it commenced in 1962 and is covered by the lawful continuation provisions under s43B*".³

However, when you break it down, it's hard to see how this isn't clearly viewed as an expansion. Envoy Foundation's research shows that in terms of the raw volume of shark culling equipment deployed in Queensland, it is plain that the program has been "enlarged" and "expanded" compared to what existed immediately before the introduction of the EPBC Act.

As of the year 2000, there were 334 pieces of shark culling equipment (comprising nets and drumlines) in Queensland waters. This now stands at 410 pieces of

equipment (a 22% increase). In particular, the number of catch-and-kill drumlines has increased by 28%.

It should be noted that internal QDAF reviews obtained by RTI 21-240 (Appendix D) found that one shark net should be replaced by one drumline to maintain catch rates of target species. Shark net removal has however resulted in implementation of six drumlines, a 600% enlargement in equipment volume, and 600% greater than was required to avoid intensification.

Drumlines are also more effective at targeting tiger sharks (a critical species to the GBRMP MNES) by 36:1 compared to shark nets, so a 6:1 drumline to net replacement ratio shows **the department actively intended to intensify tiger shark (a critical species to the GBRMP MNES) catch by a ratio of 216:1 per shark net replacement.**

Not surprisingly, given this increase in equipment, there has also been an immense increase in animals caught. The following table indicates the average number of each animal caught per year, pre and post 2000. On top of the raw numbers, it is also important to consider that today's catch figures are occurring from depleted populations, so they consist of a higher percentage of the available population.

Animal	Yearly avg pre-2000	Yearly avg post-2000
Tiger Shark (crucial species within GBRMP MNES)	197	228
Great Hammerheads	1	14
Scalloped Hammerheads	5	28
Loggerhead Turtles	10	31
Leatherback Turtles	<1	2

Table 6: Animals caught in QSCP pre and post the commencement of the *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth)

It is plainly evident that the program has "intensified" catch of protected species, and species like the tiger shark that are critical to Matters of National Environmental Significance (like the Great Barrier Reef Marine Park), compared to immediately before the introduction of the EPBC Act.

ABSENCE OF MONITORING

The absence of federal monitoring for programs operating under s43B raises significant concerns regarding accountability and oversight.

The persistent lack of federal intervention raises questions about the federal government's commitment to ensuring adherence to the EPBC Act by programs exempted from current standards, such as the NSW and QLD shark culling programs.

"Even the best written nature laws can be undermined if they aren't applied strictly and comprehensively. One of the problems with the current Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) is the large number of broad exemptions which prevent the proper application of the law.", Dr Megan Kessler, Humane Society International Australia⁴

⁴ Nature Law Explainer - Strong nature laws shouldn't be undermined by exemptions, Dr Megan Kessler, Humane Society International Australia, 20 February 2024, <https://hsi.org.au/blog/nature-law-explainer-strong-nature-laws-shouldnt-be-undermined-by-exemptions/>

It's imperative to recognise that neither the NSW nor Queensland shark culling programs would be able to continue without exemptions provided by the EPBC Act. Despite the legal loopholes allowing these programs to persist, Queensland's substantial expansion, enlargement and intensification of its shark culling measures in recent decades breaches the very provisions it relies on for exemption.

This expansion, enlargement and intensification has resulted in increased harm to marine species, as evidenced by the rise in animals caught post-2000.



¹ Queensland Target Shark Species List, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/science-and-research/shark-species>

² Approved EPBC Act lists, <https://www.dcceew.gov.au/environment/epbc/our-role/approved-lists>

³ The Queensland Government Response to the Senate Referred Inquiry into the Efficacy and Regulation of Shark Mitigation and Deterrent Measures, Submission 32, p4, PDF download: <https://www.aph.gov.au/DocumentStore.ashx?id=95ae3506-556a-40e0-93c9-38bb2afb6d44&subId=464689>

SCIENTIFIC WORKING GROUP

The Queensland Shark Control Program Scientific Working Group¹ (SWG) was established by the Queensland Government in 2017, after HSI challenged the issuance of a 10-year permit by the GBRMPA, to the QDAF to operate lethal drumlines within the boundaries of the GBRMP.²

Initially, the SWG's purpose was to provide "independent scientific advice to government"³ on issues specifically relating to the operation of QSCP in marine parks, later the SWG Terms of Reference were broadened to include QSCP state-wide. The SWG is Chaired by QDAF.

This section highlights instances where QDAF have contradicted, overruled or ignored the advice or enquiry of SWG. This repeated dismissal of scientific advice is a matter that warrants closer examination and scrutiny to explain why QDAF is seemingly reluctant to modernise shark bite mitigation to non-lethal strategies, and to hold QDAF accountable for their operating against scientific advice.

PROGRAM ENLARGEMENT

At the meeting of **October 2022**, the SWG "discussed claims made that the Program has increased its footprint since the commencement of the EPBC Act"⁴ as outlined in the previous chapter. Notably, QDAF failed to provide a detailed explanation or defence in the meeting's communique, merely stating that the "basis for these claims was unclear". No evidence is included to refute the enlargement, expansion or intensification concerns, which would constitute a breach of s43B. The lack of a thorough response from QDAF suggests a lack of proactive engagement or interest in adequately addressing the concerns raised by the SWG during the discussions.

We trust that the basis for these expansion, enlargement and intensification claims is now clear as outlined in the previous chapter, and will be thoroughly investigated by the SWG and DCCEEW.

TARGET SHARK LIST REVIEW

At the meeting of **October 2022**⁵ the SWG, "expressed their concerns about not implementing the recommendations in full immediately" of A Review of the *Shark Control Program Target Shark Species List 2021*⁶. The review recommended that the target shark list of the QSCP be reduced from 19 down to 3 sharks being bull, white and tiger sharks. However, QDAF instead chose to implement a phased reduction to the target list delaying the implementation of the recommendations of A Review of the *Shark Control Program Target Shark Species List 2021* for at least two years to 2025, subject to further review.

We understand the criteria for the target list review was as follows:

Target Shark Species Criteria

The criteria will be used to determine which species are euthanised and which species are released alive where possible if caught in Shark Control Program apparatus. The target species list does not apply to Commonwealth Great Barrier Reef Marine Park waters. An 'unprovoked' encounter between a human and a shark is defined as an incident where a shark is in its natural habitat and has made a determined attempt to bite a human where that person is not engaged in provocative activities. A 'provoked' incident relates to circumstances where the person attracts or initiates physical contact with a shark (accidentally or on purpose) or was fishing for, spearing, stabbing, feeding, netting or handling a shark or where the shark was attracted to the victim by activities such as fishing, spear-fishing, commercial diving activities (actively collecting abalone, pearl shells, or other marine animals) and cleaning of captured fish. These definitions are as per the [Australian Shark Attack File](#).

CRITERIA

1. Is the species known to occur in Queensland?
 - a. Yes (go to 2.) b. No (Non-target species)
2. Has the species been associated with

QDAF have contradicted, overruled or ignored the advice or enquiry of SWG. This repeated dismissal of scientific advice is a matter that warrants closer examination and scrutiny to explain why QDAF is seemingly reluctant to modernise shark bite mitigation to non-lethal strategies, and to hold QDAF accountable for their operating against scientific advice.

unprovoked bite/s resulting in serious injury or fatality in Australia?

- a. Yes (go to 3.) b. No (Non-target species)
3. Is the number of unprovoked bites resulting in serious injury or fatality relatively high?
 - a. Yes (Target species) b. No (go to 4.)
4. The circumstances of each incident should be examined with consideration given to the species' biology to determine the applicability to Queensland waters where people are engaged in in-water activities."

As the image below shows, it is entirely unclear how this criteria led to a target list of 7 species being rolled out, our specific concerns being:

- The Australian Shark Incident Database does not attribute any incidents to the dusky whaler in QLD, some are listed as only Whaler however. We question how this was defined as 'relatively high'.
- Grey reef sharks seem to have had two (2) unprovoked bites since 1791 in QLD. One in 1997

(Whitsundays) and one in 2019 (Whitsundays). We do not comprehend how this is considered 'relatively high'.

- In regards to Australian black tip and common black tip, the Australian Shark Incident Database does not attribute any incidents in QLD, however some are attributed to 'black tip'. Once again it is unclear how this was defined as 'relatively high'.

If bycatch vs target shark figures are counted using the proposed definition of 'target species' by the government's Scientific Working Group, meaning the only target species are bull sharks, tiger sharks, and white sharks, the bycatch percentage for 2023 would raise to 65%.

We share the SWG concerns at the nonsensical roll out of a 7 species target list, when all evidence and advice recommended 3. We do not support any target list under its current definition, where target species are killed.

Table 1 Summary of the Application of the Three Criteria for Determining Whether a Shark Species are Recommended for Inclusion on the QSCP Target Species List.

Species	Criteria 1.	Criteria 2.	Criteria 3.	Target Species List
White Shark	YES	YES	YES	YES
Tiger Shark	YES	YES	YES	YES
Bull Shark	YES	YES	YES	YES
Blacktip Whalers	YES	YES	NO	NO
Great Hammerhead	YES	YES	NO	NO
Grey Reef Whaler	YES	YES	NO	NO
Longfin and Shortfin Mako Shark	YES	YES ¹	NO	NO
Lemon Shark	YES	NO	NO	NO
Blue Shark	YES	NO ²	NO	NO
Dusky Whaler	YES	NO	NO	NO
Spinner Shark	YES	NO	NO	NO
Pigeye Shark	YES	NO	NO	NO
Sandbar Shark	YES	NO	NO	NO
Silky Whaler	YES	NO	NO	NO
Silvertip Whaler	YES	NO	NO	NO
Big Nose Whaler	YES	NO	NO	NO
Oceanic Whitetip Shark	NO	NO	NO	NO

¹ Queensland Shark Control Program Scientific Working Group, 2017, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan>

² AAT 2019 HSI v GBRMPA and Queensland Department of Agriculture and Fisheries (QDAF), <http://envlaw.com.au/sharks/>

³ Queensland shark management plan 2021 to 2025, Queensland Government, <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/2879505f-f118-481c-aac5-38b952945851/queensland-shark-management-plan-2021-2025.pdf?ETag=c02bee17b4a21a3412af0794004ac958>

⁴ Communique 24-25 August 2021, Queensland Shark Control Scientific Working Group, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/communique-24-25-august-2021>

⁵ Communique 26-27 October 2022, Queensland Shark Control Scientific Working Group, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/communique-26-27-october-2022>

⁶ A Review of the Shark Control Program Target Shark Species List 2021, Dr Daryl McPhee, Bond University Gold Coast [access to the draft report via QDAF Disclosure Log 2022, RTI 21-383a, https://www.daf.qld.gov.au/__data/assets/pdf_file/0011/1786052/21-383a.pdf

HUMPBACK WHALES

At the meeting of **March 2020**, based on information provided to the SWG by Cardno that drumlines caught less bycatch, the SWG supported the trial of replacing nets with drumlines during the winter of 2020 during the whale migration.⁷

At the **September 2020** meeting, again “the Working Group supported a trial replacement of nets with drumlines during the 2020 whale migration season”. QDAF advised the SWG that options to remove nets would be considered in 2021⁸.

Again, at the meeting of **February 2021**, the SWG “supported the proposed 2021 Net Replacement Trial to reduce the risk of entanglement of Shark Control Program equipment with migrating whales”.⁹

Once again, at the SWG meeting of **October 2022**, members expressed support for action to protect whales during the migrations by advising some nets be replaced with drumlines during whale migration, indicating a lack of action from QDAF showing a disconnect between the

⁷ Communique 12 March 2020, Queensland Shark Control Scientific Working Group, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/communique-12-march-2020>

⁸ <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/communique-11-18-september-2020>

⁹ Communique 18-19 February 2021, Queensland Shark Control Scientific Working Group, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/communique-18-19-Feb-2021>

¹⁰ <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/communique-26-27-october-2022>

scientific advice and recommendations made within the SWG and the implementation of updated strategies¹⁰.

It is clear that from feedback given on draft SWG comminques (prepared by the Department, not the SWG) that the department is intentionally watering down SWG opposition to the departments inaction on this topic:

We share the SWG’s concern that QDAF has yet to modernise their program to protect migrating whales, that communications controlled by the department play down and misrepresent the SWG’s dismay at this, and that shark nets remain deployed year-round.

We ask that QDAF demonstrate that lost equipment was not a result of humpback entanglement, and that self-release-mortality has not occurred.

Communique 24 and 25 August 2021

The Shark Control Program Scientific Working Group (the Group) met on 24 and 25 August 2021.

The Group received an update on the draft *Queensland Shark Management Plan 2021-25* (the Plan). The Plan was amended to address **minor**-feedback received from Group members and during an internal government consultation process. **The Plan-and** is progressing through an internal approval process.

Members were advised that the Shark Control Program (the Program) has received additional funding to 1) cover the increased cost of delivering the Program in the Great Barrier Reef Marine Park on an ongoing basis, 2) provide ongoing funding for the SharkSmart drone trial/program; and 3) to temporarily engage a contractor to review the end-to-end data management processes. The Group was advised that no decision had been made about the proposed net **replacement** trial so there would be no changes made to the configuration of equipment during 2021. The Group will be further consulted about the proposed trial **for 2022**. The Group discussed claims made that the Program has increased its footprint since the commencement of the EPBC Act. Fisheries Queensland advised that the basis for these claims was unclear.

NSW Fisheries provided an update on the program in NSW. Members noted that 4VRG listening stations, drones and the netting program are continuing in 2021/22. Further details of the 2021/22 program are yet to be announced by the NSW Government. NSW Fisheries continues to operate under a Memorandum of Understanding with NSW **Police-Police** and Surf Life Saving NSW for shark incident response. NSW Fisheries has piloted a community support program in partnership with Rural Adversity Mental Health Program (RAMHP) and ‘Bite Club’ to respond to shark bite incidents. RAMHP counsellors and psychologists provide mental health support, while NSW Fisheries staff provide information about sharks and shark mitigation, with ‘Bite Club’ members providing emotional peer support. Feedback on the initiative has been mostly positive and constructive with NSW Fisheries seeking to formalise an arrangement with RAMHP and ‘Bite Club’ to deliver future programs.

Commented [CS1]: I think it is also fair to say that the Group was disappointed that the trial was not undertaken in 2021. I’m not proposing that this be included here. But I think if it does not occur in 2022 then I think the Group may become more vocal in its concerns.

Commented [CS2]: Is this the right term? I thought they were VR4G – worth checking

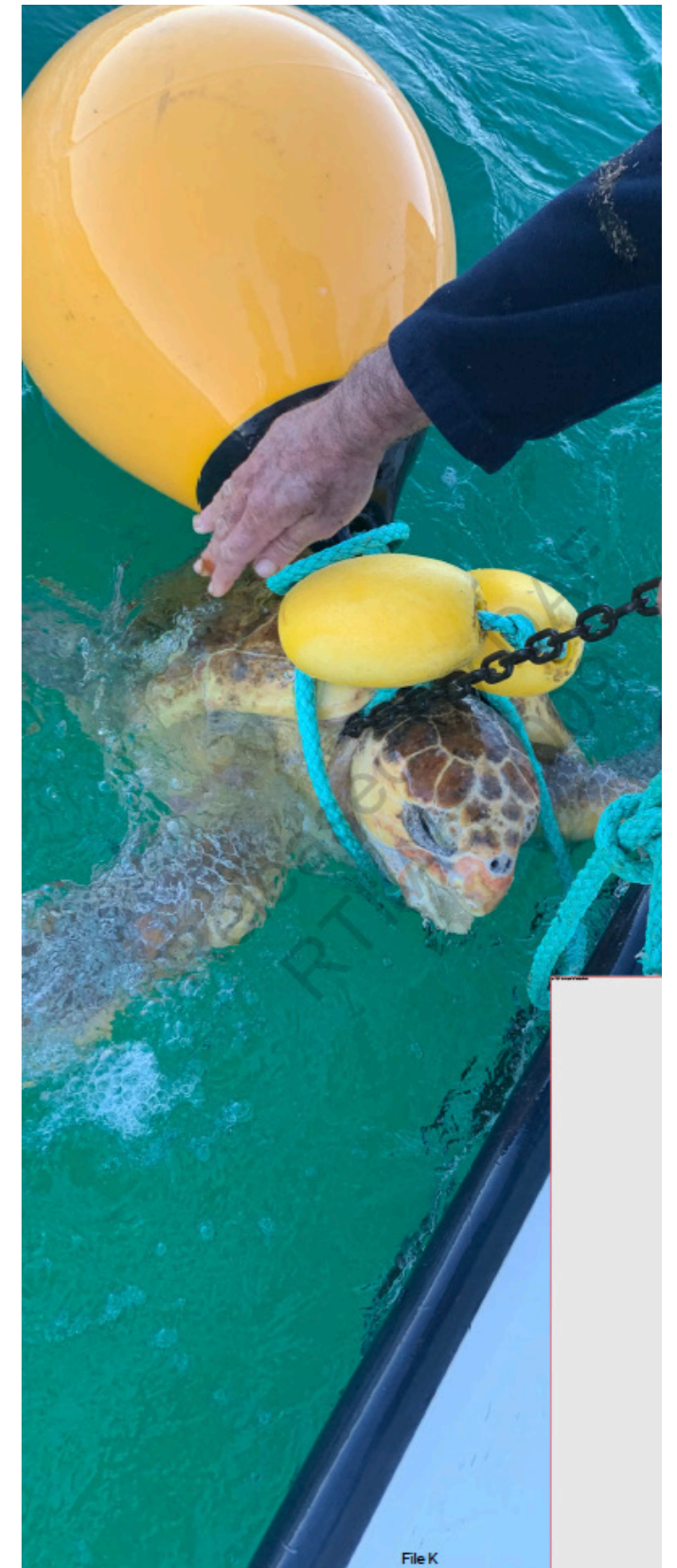
SHARK BARRIER TRIALS

North and Central Queensland are an ideal location for shark barriers, as confirmed by discussions between Envoy and multiple shark barrier manufacturers, and also the 2019 Cardno report into alternatives. QDAF came to a very different conclusion, finding the opposite. This was not supported by the SWG, and has once again been ignored.

“The Group noted the update from the department on the proposed shark barrier trial. The department advised that following a risk assessment and site suitability assessment, beaches in central and north Queensland were assessed as unsuitable. Two beaches in far north Queensland were identified as low risk and most suitable for a shark barrier installation. As the local government did not support a trial of a shark barrier, the trial will not proceed. Some members noted their disappointment with this outcome. The department will continue to monitor advancements in technology regarding shark barriers, including beached based electronic barriers, for future consideration. The Group supported reallocating funding to other trials in the GBRMP, such as expansion of the catch alert drumline trial (subject to review of the initial trial in early 2023).”

We share the SWG’s concern that the barrier trial will not proceed, in contradiction to barrier manufacturer advice, Cardno consultant findings, and SWG wishes.

We encourage further independent Ombudsman or Investigative Journalist investigation of these topics and will facilitate access to any and all documents necessary.



File K

ANIMALS CAUGHT ATTRACT SHARKS

At least 77 predation and decomposition incidents have been documented in 2023¹, with each incident recorded at the discretion of QSCP contractors. This adds to the thousands of previously documented predation and decomposition events in previous years, as seen in QSCP data and images. This is clear evidence that the QSCP is causing large sharks to be attracted to, and to feed close to shore.

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The process of individual contractors recording these incidents introduces variability, subjectivity, bias, and potential data integrity issues, which are compounded by the inherent difficulties and dangers associated with collecting such data further impacting the accuracy of the incidents documented.

PREDATION

A concerning aspect of the QSCP is the potential for animals caught in shark nets and drumlines to become shark attractants. QSCP data indicates the prevalence of predation on animals caught in these devices, as there are no catch alerts, so animals caught in nets or drumlines struggle to get free for extended periods and if not released before dying, often decay for days, becoming bait.

In 2023 alone, the QSCP reported 68 instances of animals found predated upon, as indicated in the comments field of the data provided by QDAF.

Additionally, five animals were discovered decomposed, suggesting they had been entangled in the nets or on drumlines for a prolonged period before contractors checked them.

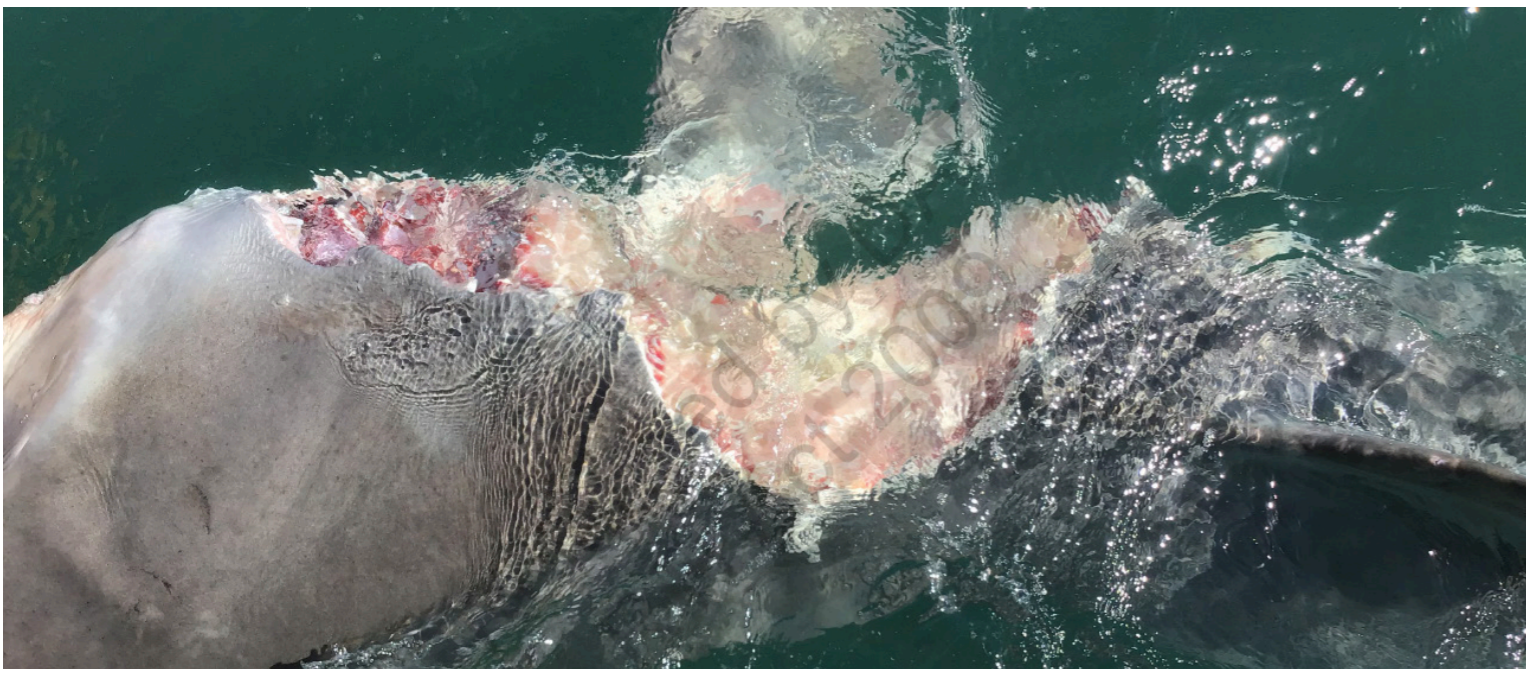
It is crucial to recognise that the general presence of dead or dying animals caught in the program's nets or hooked on drumlines can still serve as powerful shark attractants and further question the program's protocols, including the effectiveness of the program to minimise the danger for beachgoers.

The two examples detailed below, along with the images below, highlight situations that potentially attract sharks. In our view, these incidents also vividly illustrate the animal cruelty that is prevalent within the program. It is difficult to capture these incidents on video, as they are unpredictable. However, given witness reports of similar incidents we have come to understand these incidents occur regularly. Of note is that QDAF maintains contractors followed protocol in both instances, which illustrates the program's protocols are outdated.

¹ 2023 data set released to Envoy Foundation by DAF







INCIDENT: ILLEGALLY DUMPED MANTA RAY

One vivid example involves a [manta ray](#) that was killed in a shark net at Kings Beach on the Sunshine Coast. Instead of being released, taken to sea and dumped as per standard operating procedure, on 17 November 2023, the manta ray was removed by program contractors and then dumped under the same shark net.

This sequence of events did not follow QSCP protocol and presented an almost guaranteed shark attractant due to the scent of its decaying flesh. Following our official complaint to the department about the mishandling of this situation by the contractors, the department undertook an internal investigation. The outcome was that:

“The Department of Agriculture and Fisheries considers your complaint as a serious allegation and acting on your request to terminate contracts may have serious legal implications for the government and the contract recipient.

As part of the internal review, I have taken the following matters into consideration:

*a review of the footage publicly available on social media
that my request for a copy of the full footage has not been furnished [note: no such request was ever made to Envoy Foundation]
conducting an interview with the shark contractor
reviewing relevant catch records submitted by the contractor; and
the terms and conditions of the contract.*

In reviewing the social media footage, the shark contractor is seen lifting the net, attempting to bring the manta ray to the surface so it could be dealt with in accordance with the contract. However, the manta ray is seen slipping out of the shark net and sinking.

I understand that the contractor had no reasonable means to retrieve the manta ray once it had begun sinking.

After careful consideration of this matter, I am of the opinion the loss of the manta ray at the net was unintentional and does not constitute a breach of the contract conditions.”

INCIDENT: TIGER SHARK BLOOD POOL

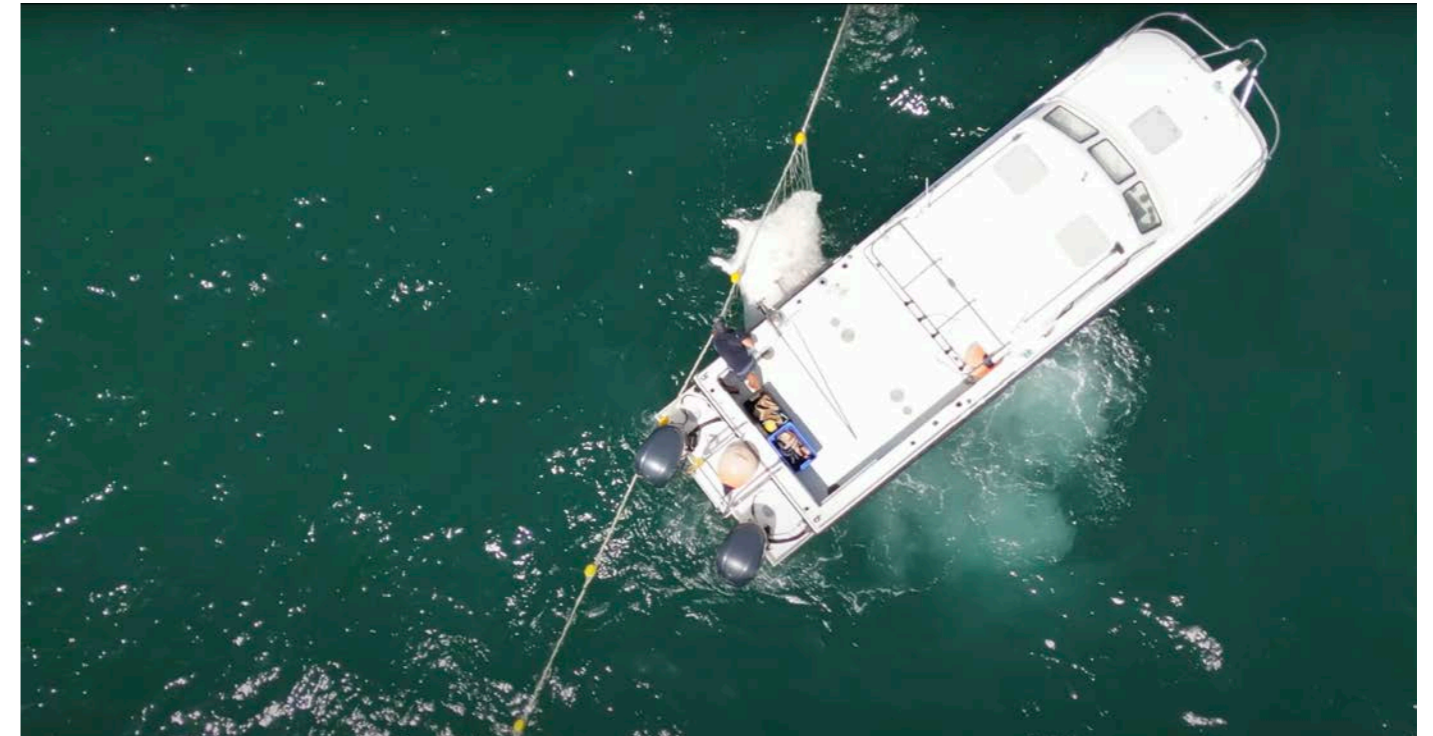
Another [disconcerting incident](#) occurred on 20 December 2023 also at Kings Beach and involved a tiger shark that was slowly killed and bled into the ocean in close proximity to the beach. The prolonged suffering and death of this shark not only raised ethical concerns but also posed a risk, as the scent of the shark’s blood could attract other sharks to the area.

As per the program’s guidelines, the correct procedure for handling such animals involves transporting them a minimum of 5 kilometres away from the coastline for dumping. This protocol is specifically to avoid the scent of decaying or bleeding animals from being near beaches. Unfortunately, it is evident that this protocol was not followed in these instances, and it stands to reason that given Envoy Foundation only proactively monitors a small handful of beaches, that this behaviour is more widespread and simply goes unmonitored. It raises concerns that these deviations from the guidelines may be more widespread, as the two examples we present here are instances we are aware of, due to our volunteers being able to capture the actions on film.

These specific examples highlight the consequences of the program’s practices, where the mishandling of caught animals can potentially turn them into powerful shark attractants. Sharks’ natural instincts to investigate distress signals and the smell of decaying flesh can inadvertently bring them closer to the coastlines, increasing the risk of shark-human interactions.

While these incidents are troubling in their own right, they also underscore a broader concern about the program’s methods which are luring sharks closer to populated coastal areas. In light of these examples and concerns, it becomes imperative for the program to reevaluate its practices and explore alternatives that not only ensure human safety but also mitigate the inadvertent attraction of sharks to populated coastal areas.

As far as we are aware, lifeguards were not notified of the heightened risk either of these incidents created. This is counter to the ‘safety’ messaging of the program and shows the disregard for human safety that underlines the supposed beach safety program.



Manta Ray found dead in a shark net and dumped under the same shark net, left to act as a shark attractant to the beach.



Tiger Shark slowly killed by repeated stabs to the head and eventually cutting out its heart, bloodying the water (a known shark attractant).

USE OF DECEPTIVE LANGUAGE



The use of vague or indirect language and potentially misleading terminology hinders public understanding and trust in this program, and government in general.

Transparent communication, backed by evidence, is crucial for informed decision-making and fostering constructive dialogue about the program's future direction. Such clarity is essential for accurate public discourse and understanding of the program's outdated methodology. This does not exist within the QSCP department.

The following examples shed light on the language issues associated with the QSCP. It's important to note that these examples are not exhaustive, but they serve to illustrate the widespread challenges in government communication about the program.

VAGUE OR MISLEADING MESSAGING

Reviewing the QSCP requires a close examination of the communication methods employed by program authorities and their impact on public perception. The program often communicates with vagueness, using standardised, pre-written responses lacking in detail and clarity.

While this may serve the government's political interests to avoid giving clear answers or to obfuscate facts, it fosters a misconception within the community that the QSCP effectively mitigates shark incidents, despite a lack of evidence supporting this.

For instance, phrases like "The Queensland Government is committed to reviewing and adapting the program" or "always puts human life and human safety first" subtly imply efficacy without providing concrete evidence. It is imperative for the program to transparently articulate measurable outcomes or acknowledge their absence.

Transparent information about the program's performance, including advancements and challenges, builds trust with the public and stakeholders, enhancing credibility and enabling informed decision-making.

It has been admitted that political considerations play a role in modernising the program, and from all of the available evidence, it appears that not only is this one of the considerations, it is the main driving consideration behind the programs lack of modernisation, and deceptive use of language.

Language Choice	Envoy Position	QDAF Response
"The Miles Government always puts the safety of people first and will not make changes, including the removal of shark nets, until alternatives are tested and proven effective for Queensland conditions."	Usage is deceptive. Whilst not directly saying the program keeps people safe, it is implicit. This was disproven in a court of law. Humane Society International (Australia) Inc and Department of Agriculture & Fisheries (Qld) [2019] AATA 617 (2 April 2019) found that "The lethal component of the SCP does not reduce the risk of unprovoked shark interactions. The scientific evidence before us is overwhelming in this regard."	No response
The shark was euthanised in accordance with Shark Control Program protocols.	Usage is deceptive. Oxford dictionary describes 'euthanised' as meaning a "gentle and easy death". Merriam-Webster Dictionary: "the act or practice of killing or permitting the death of hopelessly sick or injured individuals (such as persons or domestic animals) in a relatively painless way for reasons of mercy"	"The Queensland Government and the Department of Agriculture and Fisheries will continue to use language it sees fit for the situation."
Tiger sharks are a target species of the Shark Control Program and are considered dangerous.	Usage is deceptive. Unless the shark has been involved in a shark bite, it can at most be considered "potentially" dangerous based on its species. Use of euthanised is also incorrect.	"Your comments and concerns are noted. The department normally use the term "potentially dangerous shark" so this was an oversight."
using shark control contractors to regularly check nets and drumlines for captured animals, and releasing non-target shark species and other animals alive whenever possible;	Assertion is deceptive. Contractors are only required to check the nets 182 days a year with no specified maximum interval. QSCP equipment often goes many days without checking by contractors, and is not considered a breach of contract. This is entirely inappropriate if intending to release animals alive.	No response

Language Choice	Envoy Position	QDAF Response
using drumlines instead of nets where possible, as marine mammals are less likely to be entangled in drumlines;	<p>Usage is untrue.</p> <p>The plain-english definition of 'possible' is "able to be done or achieved".</p> <p>Our understanding is that anywhere a shark net currently exists, replacing it with a drumline is currently "able to be done or achieved" in a technical sense.</p> <p>As a further example of this, a Cardno paper¹ prepared for QDAF in 2020 identified that not only is it technically possible, but target shark catch can be maintained, if this is QDAF's goal. Cardno's report found that "it is conceivable that the total annual catches of [bull sharks and tiger sharks] could be maintained at [Harbour Beach, Rainbow Beach] if the two nets in Harbour Beach, Mackay and three nets in Rainbow Beach were replaced with two and three additional drumlines respectively" and "Using similar logic, the replacement of the two nets at Noosa (Sunshine Coast region) with two additional drumlines (i.e. for an increased total of 5 drumlines) could potentially maintain catches of the group of the three most dangerous target shark species whilst reducing captures of both other sharks and other bycatch by -97%."</p> <p>All nets being removed and replaced with drumlines is possible, but not being done due to bureaucracy and politics.</p>	<p>"The objective of any proposed change is to maintain or reduce the risk profile to water users at the beach level. Analysis of a proposed change takes into consideration numerous factors that are relevant to the individual beach. This may include but is not limited to - historic catch, comparison of net v's drumline catch (if applicable), beach use, environmental and topographical features of the location, an assessment of cost-effectiveness, public sentiment, stakeholder consultation and feedback, the suitability of alternatives for that location, compliance with state, federal and local laws and finally government support which may include other political considerations."</p>
using electronic warning devices (pingers) to deter whales and dolphins from swimming near nets and drumlines;	<p>Usage is deceptive.</p> <p>There is no scientific evidence that these 'warning devices' work despite being used for almost two decades.</p> <p>Catch rates suggest that they do not, no other evidence has been provided.</p>	No response
using alternative baits or apparatus configurations to reduce the incidences of dolphins and turtles being caught on drumlines or in nets;	<p>Usage is deceptive.</p> <p>Catch data represents no improvement in reduced incidences of dolphin or turtle catch.</p>	No response

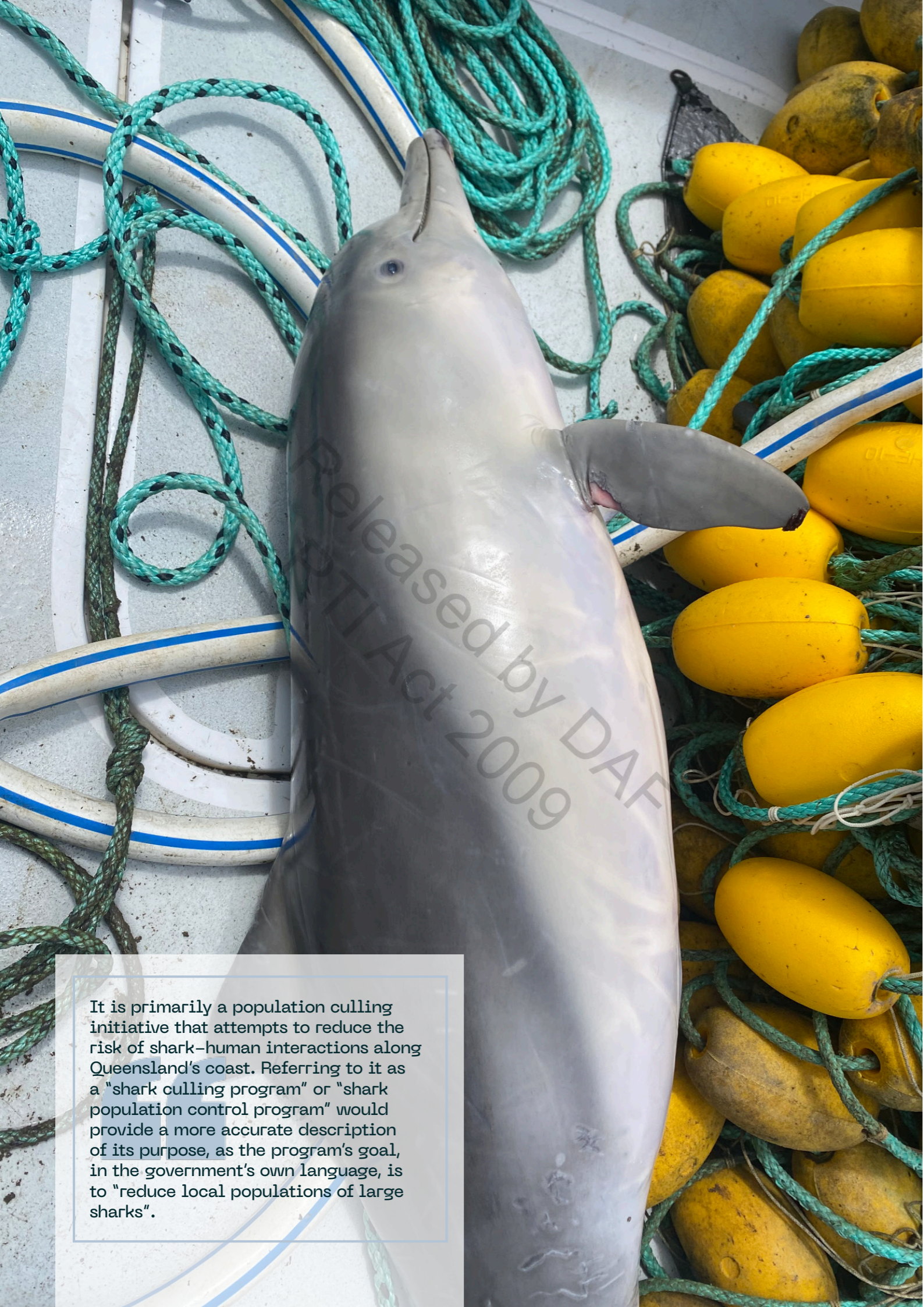
¹ <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/528bf063-11c3-48dc-a8b8-9749b9beb2cf/selectivity-of-nets-and-drumlines-used-in-the-queensland-shark-control-program.pdf?ETag=2631299f78f2090f4579d1f66eb2342d>

Language Choice	Envoy Position	QDAF Response
conducting a comparative trial of circle hooks and J hooks to assess the effect on catches of target sharks, non-target sharks and other marine animals.	<p>Usage is deceptive.</p> <p>This is very well established and globally understood and does not require trials. This borders on comical and insulting.</p>	No response
"I have answered to your questions, and it's clear to me that you are not going to accept my response. I have provided you with the relevant information and there is nothing further for me to say regarding this issue. As such, I will not be responding to any further emails from you regarding this matter."	<p>Unacceptable to simply shut off communication with stakeholders, when challenged on basic facts, inconsistencies, errors or omissions.</p> <p>This behaviour only increases distrust in government within Queensland.</p>	"There is nothing further for me to say regarding this issue."

Table 7: Summary of potentially misleading language²

The 'laundry list' of approaches purportedly being trialled is a highly transparent attempt to make the program look more proactive than it is, in order to provide political cover for the continuation of the program in its current form.

² <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/protecting-non-target-marine-life>



In the context of the QSCP, the term 'euthanasia' gives the impression that the program is offering a merciful and painless end to captured sharks. However, in reality, it can take minutes for a target shark to die, once it has been stabbed in the head, which is the method employed by the contractors.

It is primarily a population culling initiative that attempts to reduce the risk of shark-human interactions along Queensland's coast. Referring to it as a "shark culling program" or "shark population control program" would provide a more accurate description of its purpose, as the program's goal, in the government's own language, is to "reduce local populations of large sharks".

MISLEADING TERMINOLOGY

Program and Equipment Naming

The term "Shark Control Program" implies control over individual sharks, which is not the case.

It is primarily a population culling initiative that attempts to reduce the risk of shark-human interactions along Queensland's coast. Referring to it as a "shark culling program" or "shark population control program" would provide a more accurate description of its purpose, as the program's goal, in the government's own language, is to "reduce local populations of large sharks".

Secondly, the use of 'shark nets' is problematic. Program data for 2023 shows that over 50% of marine animals caught in these nets are not sharks. Dolphins, turtles, and other non-target species are also captured. It's important to note that the term 'shark nets' is also used for swimming enclosures with shark-proof nets, which actually better represents the term as they aim to exclude sharks from those areas. In our experience in conducting outreach programs, we've encountered this common misconception, including among the media.

Euthanasia terminology

The program employs, especially recently, the term 'euthanasia' when referring to the action taken toward certain captured target sharks. However, it is essential to recognise that the use of this term in the context of the program's activities does not align with its conventional and commonly understood meaning.

According to the Oxford Dictionary, 'euthanasia' is described as a "gentle and easy death". Similarly, the Merriam-Webster Dictionary defines it as "the act or practice of killing or permitting the death of hopelessly sick or injured individuals (such as persons or domestic animals) in a relatively painless way for reasons of mercy".

In the context of the QSCP, the term 'euthanasia' gives the impression that the program is offering a merciful and painless end to captured sharks. However, in reality, it can take minutes for a target shark to die, once it has been stabbed in the head, which is the method employed by the contractors.

Additionally, terminology like 'euthanasia' used to describe the program's actions towards captured sharks can mislead the public, implying a painless end when the reality is quite different.

Impacting Other Marine Animals

When criticised for the amount of bycatch caught in the program, the government often responds with "The Shark Control Program is dedicated to minimising impacts of nets and drumlines on other marine animals".

Nets and drumlines, by their very nature, do not discriminate between species, and no legitimate steps are taken to address this. The question that arises is: how can the program realistically achieve the dual objectives of catching target shark species and minimising harm to other marine life with such imprecise tools? The department seem to have no truthful answer to this question.

Fear mongering terminology

An email to us from Michael Mikits, Manager of the Shark Control Program, acknowledged an oversight in language choice which was quoted in the media regarding a captured "dangerous tiger shark" when the correct language is 'potentially' dangerous tiger shark.

The use of 'dangerous' in this example implies to the public that all situations involving a tiger shark are dangerous. This example underscores the need for consistent and accurate use of language, particularly in communications with the public.

Absence of Clear Direction in Future Planning

Within the Queensland shark control program, as well as the broader shark management framework² and reporting³ against that framework, there is a notable absence of clear direction in future planning. Despite claims of ongoing review and adaptation, specific timelines or measurable goals to address evolving environmental concerns or enhance animal welfare practices are often lacking. This vagueness in outlining concrete steps or benchmarks for achieving objectives leaves stakeholders uncertain about the program's trajectory and effectiveness. Without clear guidance on future plans, stakeholders may find it challenging to assess the program's progress or contribute meaningfully to its improvement.

¹ <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/plan/minutes-5-april-2018>

² Queensland shark management plan, 2021-2021, Queensland Government, <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/2879505f-f118-481c-aac5-38b952945851/queensland-shark-management-plan-2021-2025.pdf?ETag=c02bee17b4a21a3412af0794004ac958>

³ Queensland shark management plan 2021 to 2025 Implementation update FY22-23, Queensland Government, <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/c2b68731-3294-4bec-9568-6b73c1ef3413/implementation-update-2022-23.pdf?ETag=109d6c2dab2a87ffa424235067899ce0>

EXTENDED TRIALS OF PROVEN TECHNOLOGY

The persistence of Queensland in conducting trials for non-lethal technology that has already been proven effective raises valid concerns. Despite other regions' adoption of these alternative proven technologies, based on trials already conducted, Queensland continues to engage in further trials and seemingly dismisses or delays the wider roll-out of proven non-lethal alternatives.

In the meantime, any delay in replacing lethal shark control measures with non-lethal measures is costing the lives of 100s of animals, the true number of which is not known because although some animals are released alive from nets and drumlines, there is no record of an animal's survivability post-release, for example, humpback whales released alive from shark nets and drumlines.

The admission that political considerations form a part of the criteria for rolling out improvements to the program more broadly is of extreme concern.

CATCH-ALERT DRUMLINE TRIALS

The results of the Queensland catch-alert drumline trial conducted between 24 January 2022 and 23 January 2023 on the Capricorn Coast yield no substantial insight beyond what has already been firmly established by trials conducted by NSW and WA.¹

NSW has been using catch-alert drumlines for a decade as target and non-target animals have a greater likelihood of being released alive than catch-and-kill drumlines. WA ran a two-year SMART (shark management alert in real time) drumline trial from 2019 to 2021 but ended the entire program due to SMART drumlines providing "no demonstrable value in reducing the potential risk posed by white sharks" where they were used.²³

The insistence on further testing until 2025, including expanding the trial to other areas, raises questions about the justification for these efforts other than to delay modernisation decision-making until after the October 2024 election. It underscores the need for transparency and accountability in environmental

conservation decisions and calls for re-evaluating the continued trials when this technology has already been proven.

Envoy Foundation's position is that while drumlines may result in fewer captures of non-target animals, all animals caught in drumlines, be they target or non-target species, endure suffering, and not all survive the encounter, even if they are released alive.

DRONE TRIALS

Despite the successful drone trials conducted in Queensland from September 2020 to October 2021⁴ ongoing trials persisted during 2023 at various beaches.

This is noteworthy given that drone technology has demonstrated its effectiveness as a shark spotting tool, with successful implementation globally and as nearby as NSW, where drone surveillance has been operational at 50 beaches since December 2021⁵. Furthermore, NSW maintains transparency by publishing a drone surveillance schedule, informing the public about the specific locations.⁶

The current drone trials in Queensland are limited to certain beaches and specific periods, including Queensland school holidays or weekends, depending on the location.⁷ The duration and ultimate implementation of a drone program in Queensland remains unclear.

This raises the question of why these trials continue. Clarifying the reasoning for these trials would contribute to a more transparent and informed approach to shark surveillance measures in the region as an alternative to shark culling measures that harm many different species of marine animals.

BARRIER TRIALS

Despite the promising findings of independent studies, such as the 2019 Cardno report, which deemed shark barriers suitable for certain areas of Queensland, trials for these barriers have yet to materialise.

Discussions with shark barrier manufacturers also corroborate Cardno's opinion that barriers are potentially suitable for implementation in the region. However, despite these recommendations and expert opinions, the Queensland government has not pursued full-scale deployment of shark barriers in the state's coastal areas. In fact, the government has decided shark barriers are not suitable for Queensland beaches and seemingly trials will not be conducted unless advancements in technology change their opinion⁸.

This reluctance raises questions about the government's decision-making process and potential biases, suggesting a lack of comprehensive understanding or consideration of viable alternatives to traditional shark culling measures. The government's failure to even trial the adoption of shark barriers, despite evidence supporting their effectiveness and suitability, underscores the need for greater transparency and informed decision-making in shark surveillance and mitigation efforts.

¹ Queensland Catch-Alert Drumline Trials 2021-current, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/shark-control-equipment/catch-alert-drumline-trial>

² WA shark drumline trial canned after only two white pointers caught over two years ABC News, Article by Georgia Loney, May 2021, <https://www.abc.net.au/news/2021-05-12/shark-drumlines-trial-report-released-program-scrapped/100133420>

³ Sea Shepherd, What are Australia's Shark Control/Culling Programs?, November 2020, <https://www.seashepherd.org.au/latest-news/shark-control-programs/>

⁴ Queensland SharkSmart Drone Trial Final Report, February 2022, <https://www.publications.qld.gov.au/ckan-publications-attachments-prod/resources/ece42ce6-297d-4567-861a-c80102ad271d/drone-trial-report.pdf?ETag=94d9192b7f1c029d513b3cdc51275bf4>

⁵ NSW Drone Surveillance Program, NSW Government <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/shark-control-equipment/drone-trial>

⁶ NSW Drone Flying Schedule, NSW Government, https://www.sharksmart.nsw.gov.au/__data/assets/pdf_file/0009/148481/SharkSmart-Drone-Schedule-2324-with-Easter-dates.pdf

⁷ SharkSmart drone trial, Department of Agriculture and Fisheries Queensland, <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/shark-control-equipment/drone-trial>

⁸ <https://www.daf.qld.gov.au/business-priorities/fisheries/shark-control-program/shark-control-equipment/shark-barrier-trial>



CONCLUSION

Queensland Premier Steven Miles recently penned a letter¹ to Minister for Agriculture and Fisheries Mark Furner, highlighting the Minister’s priorities and the crucial need for genuine engagement with Queenslanders.

He wrote “listening to the voices of Queenslanders and working closely with other ministers will be essential to achieving meaningful outcomes”. We agree, however this is not what we have observed from the Minister in relation to the Queensland Shark Control Program (QSCP) historically, and we hope that this marks a change.

Furthermore, Miles urged the Minister to “continue to review and adapt the Shark Control Program in line with emerging science, technology and community expectations.” The lack of meaningful reviews or adaptations of the program to date under Minister Furner, as our report clearly demonstrates, shows that this area requires much work.

Miles also added to Minister Furner’s delivery priorities “help to educate the community about animal welfare”. This seems contradictory to the approach to animal welfare of the QSCP, where cruelty is part of daily operations, yet is sanitised for the public via the use of misleading language and self-investigations.

While we value the guidance offered by Steven Miles to the Minister, it’s our hope that these words transcend political rhetoric and herald the onset of tangible, beneficial changes to the QSCP.

In contrast to several other Australian states, the Queensland Government is a decade or more behind in adopting environmentally responsible, and fit-for-purpose, approaches to shark bite mitigation.

Queensland delays the implementation of science-based solutions without valid justification, and admits to “political considerations” playing a role in implementation. This raises concerns about the government’s lack of commitment to beach safety and environmental preservation, highlighting the need for transparent, evidence-driven decision-making processes.

The admission that political considerations form a part of the criteria for rolling out improvements to the program is of extreme concern.

Queensland must urgently reassess its approach to shark bite mitigation to align with a more responsible and forward-thinking strategy, which requires a top-down overhaul of the department and program.

¹ <https://cabinet.qld.gov.au/ministers-portfolios/assets/charter-letter/mark-furner.pdf>

APPENDIX A – FULL 2023 QSCP CATCH AND KILL DATA

The following pages contain the catch data list obtained of the 2023 QSCP program. For ease of clarity, we have hidden certain columns containing irrelevant or repetitive information, being:

- Year
- Month
- Sea Condition
- Water Condition
- Weather
- Wind Direction
- Wind Velocity
- Water Temperature
- Start Date
- End Date
- Gear Status
- Gear Number
- Latitude
- Longitude
- caab Code
- Is Shark
- Net Position

If you would like to see the full data, without these columns removed, please reach out to us.

ServiceDate	AreaName	BeachName	Bait	GearDamage	GearType	GearName	IsTargetSpecies	SpeciesGroup	CommonName	Length	Sex	IsAlive	NumberCaught	Comment
1/1/23	Gladstone	Tannum Sands	mullet	NULL	Drum	Tannum Sands Drum 9	1	SHARK	BULL WHALER	0.08	F	0	1	Female bull shark found dead and partly eaten on traditional drum line 9
2/1/23	Gold Coast	Tallebudgera Beach	mullet	NULL	Net	Tallebudgera Beach Net 7	1	SHARK	DUSKY WHALER	2.1	F	0	1	
2/1/23	Cairns	Trinity	mullet	NULL	Drum	Trinity Drum 26	NULL	SHARK	SPOT-TAIL WHALER	1.09	F	0	1	
3/1/23	Sunshine Coast North	Maroochydore	mullet	NULL	Net	Maroochydore Net 5	NULL	OTHER	COWNOSE RAY	0.55	U	1	1	
3/1/23	Bundaberg	Kellys Beach	mullet	NULL	Drum	Kellys Beach Drum 14	1	SHARK	TIGER SHARK	2.73	F	1	1	Female bull shark found alive on drum line pc 1970 mm fork 2280 mm. Overall length 2630 mm acoustic tag number 1345617 ID 3820. Dart tag SCP 0172 DNA YPN 154 caught on shark bait @ jae. Small male bull shark found dead on drum line pc 620 mm fork 700 mm. Stomach empty. Caught on shark bait.
3/1/23	Capricorn Coast	SMART 576 Fishermans Beach	shark	NULL	DRUM	SMART 576 Fishermans Beach DRUM 45	1	SHARK	BULL WHALER	2.63	F	1	1	Small male bull shark found dead on drum line pc 620 mm fork 700 mm. Overall length 870 mm DNA 155. Stomach empty. Caught on shark bait.
3/1/23	Capricorn Coast	SMART 576 Fishermans Beach	shark	NULL	DRUM	SMART 576 Fishermans Beach DRUM 45	1	SHARK	BULL WHALER	0.87	M	0	1	Note target species
3/1/23	Sunshine Coast North	Twin Waters Resort	mullet	NULL	Drum	Twin Waters Resort Drum 35	1	SHARK	LONG NOSE WHALER	1.1	M	1	1	
3/1/23	Sunshine Coast North	Yaroomba Beach	mullet	NULL	Drum	Yaroomba Beach Drum 20	1	SHARK	LONG NOSE WHALER	1.25	F	0	1	
4/1/23	Capricorn Coast	Coee Bay	shark	NULL	Drum	Coee Bay Drum 16	1	SHARK	BULL WHALER	0.79	F	0	1	Small female bull shark found dead on drum line YPN 156 overall length 790 mm. Caught on shark bait. Stomach empty.
4/1/23	Gold Coast	Northcliffe Beach	shark	NULL	Drum	Northcliffe Beach Drum 14	1	SHARK	SANDBAR WHALER	1.59	F	0	1	
4/1/23	Sunshine Coast North	Yaroomba Beach	mullet	NULL	Drum	Yaroomba Beach Drum 20	1	SHARK	LONG NOSE WHALER	1.35	M	0	1	
4/1/23	Cairns	Palm Cove	mullet	NULL	Drum	Palm Cove Drum 11	NULL	SHARK	TAWNY SHARK	1.8	F	1	1	
5/1/23	Capricorn Coast	SMART 575 Fishermans Beach	shark	NULL	DRUM	SMART 575 Fishermans Beach DRUM 43	NULL	TURTLE	GREEN TURTLE	0.95	F	1	1	Call out to catch alert drum line 575 at 0844 boat arrived at 0924 female green turtle was released at 0933 gear reset at 0939 tag No qa85895 Shell length 820mm head 110mm tail 90mm
5/1/23	Macley	Harbour Beach	mullet	NULL	Net	Harbour Beach Net 1	1	SHARK	BULL WHALER	2.55	F	0	1	No DNA kits
5/1/23	Capricorn Coast	SMART 606 Emu Park	mullet	NULL	DRUM	SMART 606 Emu Park DRUM 53	1	SHARK	BULL WHALER	0.97	F	1	1	Small bull shark found alive on catch alert drum line no alert was activated
5/1/23	Sunshine Coast North	Hyatt Resort	mullet	NULL	Drum	Hyatt Resort Drum 26	1	SHARK	DUSKY WHALER	1.1	F	0	1	
5/1/23	Sunshine Coast North	Yaroomba Beach	mullet	NULL	Drum	Yaroomba Beach Drum 20	1	SHARK	DUSKY WHALER	2.75	M	0	1	
5/1/23	Cairns	Ellis Beach	mullet	NULL	Drum	Ellis Beach Drum 3	NULL	SHARK	SPOT-TAIL WHALER	1.1	F	0	1	
5/1/23	Bundaberg	Kellys Beach	mullet	NULL	Drum	Kellys Beach Drum 19	NULL	OTHER	MANTA RAY	2.2	U	1	1	Released Alive. Primary tangle around right cephalic lobe and right wing, nil hook point penetration. Estimate disc width 2.1m - 2.5m. Not able to determine sex.
6/1/23	Capricorn Coast	Emu Park	shark	NULL	Drum	Emu Park Drum 48	1	SHARK	COMMON BLACKTIP WHA	1.52	F	0	1	Female common black tip reef shark found dead on drum line pc 1010 mm Fork 1230 mm overall length 1520 mm YPN 158. Caught on shark bait and had one female pup at 550 mm. stomach missing due to shark bites
6/1/23	Cairns	Ellis Beach	mullet	NULL	Drum	Ellis Beach Drum 7	1	SHARK	TIGER SHARK	2.3	F	0	1	
6/1/23	Cairns	Holloways	mullet	NULL	Drum	Holloways Drum 38	1	SHARK	TIGER SHARK	2.2	F	0	1	
6/1/23	Rainbow Beach	Rainbow Beach	mullet	NULL	Net	Rainbow Beach Net 1	1	SHARK	LONG NOSE WHALER	1.85	M	0	1	
6/1/23	Capricorn Coast	Yerpoon Beach	mullet	NULL	Drum	Yerpoon Beach Drum 10	1	SHARK	PIGEYE WHALER	1.07	F	1	1	
6/1/23	Townsville	The Strand	mullet	NULL	DRUM	The Strand DRUM 55	NULL	SHARK	SPOT-TAIL WHALER	1.14	U	0	1	Depredation- sex unknown.
9/1/23	Bundaberg	Kellys Beach	mullet	NULL	Drum	Kellys Beach Drum 16	NULL	TURTLE	LEATHERBACK TURTLE	1.3	U	1	1	Leatherback turtle four hooked underside base right front flipper. Hook removed and released live. Tagged in skin between tail and left hind flipper. OAT7948 and same right side OAT7947. Carapace measurement approx only. Sex not determined.
9/1/23	Rainbow Beach	Rainbow Beach	mullet	NULL	DRUM	Rainbow Beach DRUM 1	NULL	TURTLE	LOGGERHEAD TURTLE	1.03	M	1	1	Released alive and healthy.
9/1/23	Sunshine Coast North	Alexandra Headland	mullet	NULL	Net	Alexandra Headland Net 7	1	SHARK	GREAT HAMMERHEAD	3.1	F	0	1	
9/1/23	Capricorn Coast	SMART 606 Emu Park	shark	NULL	DRUM	SMART 606 Emu Park DRUM 53	1	SHARK	BULL WHALER	1	F	0	1	Small bull shark female found dead on drum line recapture SCP 0996 pc 670 mm fork 770 mm overall length 1000 mm. Caught on shark bait. Stomach empty
9/1/23	Bundaberg	Oak Beach	mullet	NULL	Drum	Oak Beach Drum 2	1	SHARK	SHARPTOOTH SHARK	2.13	F	0	1	
10/1/23	Gold Coast	Staghorn Avenue	mullet	NULL	Drum	Staghorn Avenue Drum 8	NULL	OTHER	DEVILRAY *	0.75	F	1	1	
10/1/23	Capricorn Coast	Coee Bay	shark	NULL	Drum	Coee Bay Drum 14	1	SHARK	PIGEYE WHALER	0.88	M	0	1	Small male pikeye found dead on drum line pc 590 mm Fork 670 mm overall length 880 mm caught on shark bait stomach contained shark bait. YPN 163.
10/1/23	Gold Coast	North Burleigh	mullet	NULL	Drum	North Burleigh Drum 20	1	SHARK	WHITE SHARK	3.11	F	0	1	Small male bull shark found dead on drum line no trigger activated pc 590 mm Fork 670 mm overall length 870 mm. Caught on shark bait stomach contained shark bait. dna tns117
10/1/23	Capricorn Coast	SMART 606 Emu Park	mullet	NULL	DRUM	SMART 606 Emu Park DRUM 53	1	SHARK	BULL WHALER	0.87	F	0	1	Small female bull shark found dead on drum line no trigger activated pc 590 mm Fork 670 mm overall length 870 mm. Caught on shark bait stomach contained shark bait. YPN 163.
10/1/23	Gladstone	Tannum Sands	mullet	NULL	Drum	Tannum Sands Drum 8	1	SHARK	PIGEYE WHALER	1.16	M	0	1	Pig eye whaler 1160mm male, dead on arrival, empty stomach, caught with mullet bait. dna tns117
10/1/23	Capricorn Coast	Lammermoor Beach	shark	NULL	Drum	Lammermoor Beach Drum 18	NULL	SHARK	SPOT-TAIL WHALER	1.34	F	0	1	Shark spot tail female found dead on drum line pc 940 mm fork 1040 mm. Overall length 1340 mm. Caught on shark bait stomach empty she had 4 pups 3 male 1 female @ 450 mm
11/1/23	Sunshine Coast North	Alexandra Headland	mullet	NULL	Net	Alexandra Headland Net 7	1	SHARK	LONG NOSE WHALER	0.28	F	0	1	

ServiceDate	AreaName	BeachName	Bait	GearDamage	GearType	GearName	IsTargetSpecies	SpeciesGroup	CommonName	Length	Sex	IsAlive	NumberCaught	Comment
27/12/23	Capricorn Coast	Emu Park	shark	NULL	Drum	Emu Park Drum 54	1	SHARK	COMMON BLACKTIP WHA	1.69	F	0	1	
27/12/23	Capricorn Coast	SMART 575 Fishermans Beach	shark	NULL	DRUM	SMART 575 Fishermans Beach Drum 43	1	SHARK	AUSTRALIAN BLACKTIP	1.84	F	1	1	
27/12/23	Capricorn Coast	Tanby Point	shark	NULL	Drum	Tanby Point Drum 40	1	SHARK	COMMON BLACKTIP WHA	2	F	0	1	
27/12/23	Sunshine Coast North	Noosa	mullet	NULL	Drum	Noosa Drum 3	1	SHARK	TIGER SHARK	2.28	F	1	1	Bull whaler 1980mm male, dead on arrival, empty stomach, caught with mullet bait on J hook
27/12/23	Gladstone	Tannum Sands	mullet	NULL	Drum	Tannum Sands Drum 2	1	SHARK	BULL WHALER	1.98	M	0	1	
27/12/23	Townsville	Horseshoe Bay	mullet	NULL	Drum	Horseshoe Bay Drum 40	NULL	SHARK	SPOT-TAIL WHALER	0.94	F	0	1	iPad battery died,photos could not be captured
28/12/23	Capricorn Coast	Coosee Bay	shark	NULL	Drum	Coosee Bay Drum 14	1	SHARK	COMMON BLACKTIP WHA	0.18	F	0	1	iPad battery died,photos could not be captured
28/12/23	Capricorn Coast	Coosee Bay	shark	NULL	Drum	Coosee Bay Drum 15	1	SHARK	COMMON BLACKTIP WHA	1.5	F	0	1	
28/12/23	Capricorn Coast	Emu Park	shark	NULL	Drum	Emu Park Drum 48	1	SHARK	COMMON BLACKTIP WHA	1.69	F	0	1	
28/12/23	Capricorn Coast	Emu Park	shark	NULL	Drum	Emu Park Drum 54	1	SHARK	COMMON BLACKTIP WHA	1.77	F	0	1	
28/12/23	Capricorn Coast	Tanby Point	shark	NULL	Drum	Tanby Point Drum 40	1	SHARK	COMMON BLACKTIP WHA	1.67	F	0	1	iPad battery died,photos could not be captured
28/12/23	Capricorn Coast	Farmborough Beach	shark	NULL	Drum	Farmborough Beach Drum 4	1	SHARK	BULL WHALER	2.85	F	0	1	iPad battery died,photos could not be captured
28/12/23	Capricorn Coast	Fishermans Beach	shark	NULL	Drum	Fishermans Beach Drum 46	NULL	SHARK	TAWNY SHARK	2.3	F	1	1	
28/12/23	Townsville	Florence Bay	shark	NULL	Drum	Florence Bay Drum 25	NULL	SHARK	SPOT-TAIL WHALER	0.96	M	0	1	
28/12/23	Townsville	Horseshoe Bay	mullet	NULL	Drum	Horseshoe Bay Drum 32	NULL	SHARK	SPOT-TAIL WHALER	0.93	M	0	1	
29/12/23	Gold Coast	Curumbin Beach	mullet	NULL	Net	Curumbin Beach Net 8	NULL	SHARK	HAMMERHEAD SHARK *	2.9	F	0	1	
29/12/23	Gold Coast	Curumbin Beach		NULL	Net	Curumbin Beach Net 8	NULL	SHARK	HAMMERHEAD SHARK *	2.55	M	0	1	
29/12/23	Gold Coast	Curumbin Beach		NULL	Net	Curumbin Beach Net 8	NULL	SHARK	HAMMERHEAD SHARK *	2.4	M	0	1	
30/12/23	Gladstone	Tannum Sands	mullet	NULL	Drum	Tannum Sands Drum 9	NULL	TURTLE	GREEN TURTLE	1.16	F	1	1	Green turtle 1163mm female, alive and released alive and healthy, caught with mullet bait on circle hook, tag no QA85887
30/12/23	Capricorn Coast	Emu Park	mullet	NULL	Drum	Emu Park Drum 50	1	SHARK	COMMON BLACKTIP WHA	1.59	F	0	1	
30/12/23	Bundaberg	Kellys Beach	mullet	NULL	DRUM	Kellys Beach DRUM 17	1	SHARK	SHARPTOOTH SHARK	2.28	M	0	1	
30/12/23	Gladstone	Tannum Sands	mullet	NULL	Drum	Tannum Sands Drum 5	1	SHARK	BULL WHALER	2	U	0	1	Bull whaler remains length 560mm estimated length 2000mm, unable to determine sex or stomach content, dead on arrival, caught with mullet bait on circle hook
30/12/23	Gladstone	Tannum Sands	mullet	NULL	Drum	Tannum Sands Drum 6	NULL	SHARK	SPOT-TAIL WHALER	0.95	F	0	1	Spot tail whaler 800 remains length 950 estimated length female, dead on arrival, mullet in stomach, caught with mullet bait on J hook
31/12/23	Gold Coast	Surfers Paradise		NULL	Net	Surfers Paradise Net 2	NULL	MAMMAL	BOTTLENOSE DOLPHIN	2.32	F	0	1	
31/12/23	Gold Coast	Surfers Paradise		NULL	Net	Surfers Paradise Net 2	NULL	MAMMAL	BOTTLENOSE DOLPHIN	1.89	M	0	1	
31/12/23	Gold Coast	Curumbin Beach		NULL	Net	Curumbin Beach Net 8	NULL	OTHER	MANTA RAY	2.5	U	1	1	

APPENDIX B – QDAF INVESTIGATIONS

The following documents are official letters from issues that have been escalated, beyond direct email communication, and a response from the Acting Director of Fisheries Management, Department of Fisheries was received..



Department of
Agriculture and Fisheries

Our ref: CTS 00524/24

9 February 2024

Mr Andre Borell
andre@envoy.foundation

Dear Mr Borell

I refer to your complaint made to the Department of Agriculture and Fisheries' Customer Service Centre on 8 January 2024 about animal cruelty in relation to the euthanising of a tiger shark caught at the Sunshine Coast on 20 December 2023 under the Shark Control Program (SCP).

In your complaint, you state the SCP manager's responses on this matter have been unacceptable and lacking in transparency. I note you are seeking suspension of the SCP until a full independent investigation has been conducted.

The Department of Agriculture and Fisheries considers your complaint as a serious issue and I have undertaken an internal review of this complaint.

As part of the internal review, I have taken the following matters into consideration:

- emails on the subject "Notification of footage taken at Kings Beach" between Mr Jonathan Clark (Queensland Coordinator – Shark Defence Campaign, Sea Shepherd Australia) and Mr Michael Mikitis (Manager, Shark Control Program, Fisheries Queensland) from 3 January 2024 to 5 January 2024. You were copied into these emails
- the purposes of the *Fisheries Act 1994* (the Act) in relation to the shark control program; and
- the *Queensland shark management plan 2021-2025* (the Plan) and its operation.

In reviewing the emails between Messrs Clark and Mikitis, I consider Mr Mikitis' responses to Mr Clark's queries provided factual information and clarification on the footage supplied by the latter. Mr Mikitis' responses also provided an explanation of the operational procedures followed by SCP contractors, explanation of events shown in the footage and reasons for variation from the procedures.

A purpose of the Act under section 3(3) is to reduce the possibility of shark attacks on humans in coastal waters of the State adjacent to coastal beaches used for bathing. This purpose is to be achieved through the SCP.

275 George Street Brisbane
GPO Box 46 Brisbane
Queensland 4001 Australia
Business Centre 13 25 23
Website www.daf.qld.gov.au
ABN 66 934 348 189

The Plan sets out how the Queensland Government will continue work to reduce the risk of shark bites through the traditional program, while researching and trialling alternative shark mitigation technologies and boosting community education on SharkSmart behaviours. An end of Plan review will commence in late 2024 and will provide advice to government on future options for the Program from July 2025 onwards. Trials are carefully planned based on the recommendations in the report *Queensland Shark Control Program - review of alternative approaches* and advice from the Shark Control Program Scientific Working Group, which is comprised of experts in the field. The final evaluation of all trials will include an assessment of cost-effectiveness and suitability to local Queensland conditions. These trials include the SharkSmart drone trial, Catch alert drumline trial, Personal Electronic Deterrents, and Shark barrier trial in North Queensland. Information on these trials is available on the department's website at www.daf.qld.gov.au.

After careful consideration of this matter, I have concluded that Mr Mikitis' responses have been forthright and did not lack transparency. Further, the Queensland Government always puts the safety of people first and will not make changes, including the removal of shark nets, until alternatives are tested and proven effective for Queensland conditions.

As part of this internal review, I have also had cause to consider Queensland's *Human Rights Act 2019*, which aims to protect and promote human rights, help build a culture in the Queensland sector that respects and promotes human rights and help promote a dialogue about the nature, meaning and scope of human rights.

With respect to your concerns about Mr Mikitis' responses and suspension of the SCP, I have formed the view that no human rights were engaged. Please note that this investigation has now been finalised and no further action will be taken. The finalisation of this internal review means that you have exhausted your complaint avenues with the department regarding your concerns as detailed in this letter.

If you are still dissatisfied with the handling of this matter, you are entitled to request an external review through agencies such as the Queensland Ombudsman. The Ombudsman can be contacted on 07 3005 7000 or toll free (outside Brisbane) 1800 068 908.

If you would like any further information regarding this matter, please do not hesitate to contact me on telephone 0484 126 507 or by email at sian.breen@daf.qld.gov.au.

Yours sincerely



Sian Breen
Director, Fisheries Management
Fisheries Queensland



Department of
Agriculture and Fisheries

Our ref: CTS 24186/23

5 February 2024

Mr Andre Borell
andre@envoy.foundation

Dear Mr Borell

I am writing to you regarding your complaint made to the Department of Agriculture and Fisheries Customer Service Centre on 20 December 2023 about the Shark Control Program contractor on the Sunshine Coast.

In your complaint you claim the contractor was seen "dumping" a dead manta ray near the Shark Control Program net where it was caught, rather than taking it offshore for disposal. I note you state the "contractor must have their contract terminated". I also note your request to have this matter escalated as you were dissatisfied with previous responses by the Shark Control Program team.

The Department of Agriculture and Fisheries considers your complaint as a serious allegation and acting on your request to terminate contracts may have serious legal implications for the government and the contract recipient.

As part of the internal review, I have taken the following matters into consideration:

- a review of the footage publicly available on social media
- that my request for a copy of the full footage has not been furnished
- conducting an interview with the shark contractor
- reviewing relevant catch records submitted by the contractor; and
- the terms and conditions of the contract.

In reviewing the social media footage, the shark contractor is seen lifting the net, attempting to bring the manta ray to the surface so it could be dealt with in accordance with the contract. However, the manta ray is seen slipping out of the shark net and sinking. I understand that the contractor had no reasonable means to retrieve the manta ray once it had begun sinking.

After careful consideration of this matter, I am of the opinion the loss of the manta ray at the net was unintentional and does not constitute a breach of the contract conditions.

As part of this internal review, I have also had cause to consider Queensland's *Human Rights Act 2019*, which aims to protect and promote human rights, help build a culture in the Queensland sector that respects and promotes human rights and help promote a dialogue about the nature, meaning and scope of human rights.

With respect to your concerns about the general conduct of the Shark Control Program contractor, I have formed the view that no human rights were engaged. Please note that this investigation has now been finalised and no further action will be taken. The finalisation of this internal review means that you have exhausted your complaint avenues with the department regarding your concerns as detailed in this letter.

If you are still dissatisfied with the handling of this matter, you are entitled to request an external review through agencies such as the Queensland Ombudsman. The Ombudsman can be contacted on 07 3005 7000 or toll free (outside Brisbane) 1800 068 908.

If you would like any further information regarding this matter, please do not hesitate to contact me on telephone 0484 126 507 or by email at sian.breen@daf.qld.gov.au.

Yours sincerely



Sian Breen
Director, Fisheries Management
Fisheries Queensland



Queensland
Government

Department of
Agriculture and Fisheries

Our ref: CTS 02435/24

29 February 2024

Mr Andre Borell
Founder
Envoy Foundation
Andre@envoy.foundation

Dear Mr Borell

Thank you for your email of 7 February 2023 regarding your concerns in relation to the Queensland Government's Shark Control Program. The issues you raise around use of language in particular are noted.

The department and our Shark Control Program team take considerable care in selecting language and terminology which is accurate and transparent, including in the description of certain events or circumstances. I assure you that any terminology used, or statements made have in no way been with intent to mislead or misinform.

The Queensland Government will continue to investigate and trial alternative technologies and approaches that balance the paramount need to protect human life and ensure public safety while minimising harm to the environment and marine life.

Yours sincerely



Dr John Kung
A/Director, Fisheries Management
Fisheries Queensland

APPENDIX C – RTI 22-098

The following documents were obtained through RTI 22-098 and relate to correspondence and reports, including from Queensland Shark Control Program contractors, and publicly released and internal documents pertaining to damaged, lost, missing, recovered or found Queensland Shark Control Program shark nets and drum lines, for the period 1 April 2020 to 30 September 2022.



Queensland
Government

Incident Summary - Private and confidential

Incident ID: 33771

Incident:

Date:	6/01/2022	Reliability:	Unknown
Time:	1100	Accuracy:	Unknown
Open By:	LANDS\HollanT	Priority:	Unknown
Closed Date:	6/01/2022		

Issued To:

District: Noosa
Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
Details: Caller collected an SCP float off the beach to be collected from his home. He noticed it there the day before and it still had hardware attached. By the next day the hardware had been removed and the float thrown in the bushes so he took it home and called the SCP hotline.

Alleged Offender:

Name:
Address:

Follow up actions:

<u>Action</u>	<u>User</u>	<u>Date</u>
New incident added by HollanT	LANDS\HollanT	6/01/2022

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: 73(2)Irrelevant
Address:
Telephone:



Incident Summary - Private and confidential

Incident ID: 34025

Queensland Government

Incident:

Date: 14/02/2022 Reliability: Unknown
Time: 0900 Accuracy: Unknown
Open By: LANDSHollanT Priority: Unknown
Closed Date: 14/02/2022

Issued To:

District: Mooloolaba
Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
Details: Caller advised a drumline had washed up on Moffat Beach. TSH advised Sunshine Coast contractor who collected it same day.

Alleged Offender:

Name:
Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDSHollanT	15/02/2022

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: 73(2)Irrelev
Address:
Telephone: 73(2)Irrelevant



Incident Summary - Private and confidential

Incident ID: 33755

Queensland Government

Incident:

Date: 28/12/2021 Reliability: Unknown
Time: 0737 Accuracy: Unknown
Open By: LANDSHollanT Priority: Unknown
Closed Date: 28/12/2021

Issued To:

District: Noosa
Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
Details: Caller advised a shark control buoy was washed up on rocks at the dog park at the Northern end of Sunshine Beach. Also notified by SLSQ who put up temporary signage to warn swimmers of the hazard. SLSQ later called back to advise that the gear (floats including trace and hook) had washed up on the beach and life savers had moved the gear into the clubhouse for collection by SCP. TSH advised contractor to arrange collection.

Alleged Offender:

Name:
Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDSHollanT	4/01/2022

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: 73(2)Irrele
Address:
Telephone: 73(2)Irrelevant



Incident Summary - Private and confidential

Incident ID: 33756

Queensland Government

Incident:

Date: 28/12/2021 Reliability: Unknown
Time: 1600 Accuracy: Unknown
Open By: LANDS\HollanT Priority: Unknown
Closed Date: 28/12/2021

Issued To:

District: Redlands
Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
Details: Caller advised a drumline (including trace and hook) had washed ashore at Deadman's Beach North Stradbroke Island. He was happy to drop off to SLSQ for later collection by SCP contractor.

Alleged Offender:

Name:
Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDS\HollanT	4/01/2022

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: 73(2)Ir
Address:
Telephone: 73(2)Irrelevant



Incident Summary - Private and confidential

Incident ID: 33492

Queensland Government

Incident:

Date: 20/10/2021 Reliability: Unknown
Time: 1700 Accuracy: Unknown
Open By: LANDS\MikitiM Priority: Unknown
Closed Date: 21/10/2021

Issued To:

District: Mackay
Officer: Michael Mikitis (Badge: BF144)

Incident Details:

Type: Shark Program - Other
Details: Caller has picked up a drumline at Lamberts beach. Address provided and permission given to come and collect from front yard.

Alleged Offender:

Name:
Address:

Follow up actions:

Action	User	Date
New incident added by MikitiM	LANDS\MikitiM	27/10/2021
Contacted Mackay contractor and address provided. Drumline collected morning of 21st	LANDS\MikitiM	27/10/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDS\HollanT access is restricted, contact Michael Mikitis (Badge: BF144) for informants details
Address: Restricted
Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 34576

Queensland Government

Incident:

Date: 15/06/2022 Reliability: Unknown
 Time: 1630 Accuracy: Unknown
 Open By: LANDSMikitiM Priority: Unknown
 Closed Date: 16/06/2022

Issued To:

District: Townsville
 Officer: Michael Mikitis (Badge: BF144)

Incident Details:

Type: Shark Program - Other
 Details: SLSQ Alma Bay reported drumline float washing ashore.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
Contractor advised and float collected	LANDSMikitiM	16/06/2022
New incident added by MikitiM	LANDSMikitiM	16/06/2022

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDSHollanT access is restricted, contact Michael Mikitis (Badge: BF144) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 33316

Queensland Government

Incident:

Date: 28/09/2021 Reliability: Unknown
 Time: 0725 Accuracy: Unknown
 Open By: LANDSHollanT Priority: Unknown
 Closed Date: 28/09/2021

Issued To:

District: Gold Coast
 Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
 Details: Department of Environment and Science called to advise they had received a call about a yellow shark control program buoy that was afloat and drifting south near Marine Parade at Coolangatta. There was no sign of any entanglement.

The SCP contractor was about to commence a service run and confirmed at 8:50 that the gear had been retrieved. Drumline 31 at Rainbow Bay was replaced on station shortly afterwards.

Contractor suspects a whale strike. Anchor and chain was missing but presumed to be on the sea floor and unlikely to be attached to a whale.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDSHollanT	28/09/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name:
 Address:
 Telephone:



Incident Summary - Private and confidential

Incident ID: 33310

Incident:

Date: 27/09/2021 Reliability: Unknown
 Time: 1245 Accuracy: Unknown
 Open By: LANDS\HollanT Priority: Unknown
 Closed Date: 27/09/2021

Issued To:

District: Mooloolaba
 Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
 Details: Woorim lifeguards called to advise an SCP drumline had washed up on the beach. They would store onsite for contractor to collect. Tracey advised contractor to liaise with lifeguards re collection [73(2)Irrelevant]

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDS\HollanT	27/09/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name:
 Address:
 Telephone:



Incident Summary - Private and confidential

Incident ID: 33088

Incident:

Date: 14/08/2021 Reliability: Unknown
 Time: 1700 Accuracy: Unknown
 Open By: LANDS\MikitiM Priority: Unknown
 Closed Date: 16/08/2021

Issued To:

District: Noosa
 Officer: Michael Mikitis (Badge: BF144)

Incident Details:

Type: Shark Program - Other
 Details: Call received from [73(2)Irrelevant] - Sea Shepherd questioning if something was going on at Rainbow Beach? Advised that his contact said something was weird. only 6 net floats visible. was there a net missing today or yesterday?

I advised [73(2)Irrelevant] that all nets were checked Sat morning and accounted for. There are only 2 floats per net at this location so 6 floats was normal.

Very unusual conversation where he seemed to fishing for information

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by MikitiM	LANDS\MikitiM	16/08/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDS\HollanT access is restricted, contact Michael Mikitis (Badge: BF144) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 33202

Incident:

Date:	10/08/2021	Reliability:	Unknown
Time:	1600	Accuracy:	Unknown
Open By:	LANDS\HollanT	Priority:	Unknown
Closed Date:	27/01/2022		

Issued To:

District: Noosa
 Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
 Details: Sit Rep 1 – Missing Shark Control Program net – Rainbow Beach

- The Shark Control Program contractor has advised (at approximately 4:00pm today 10/08/2021) that an entire SCP net (net 3) is missing from Rainbow Beach (only the bridle, trip line and anchor at one end remaining).
- The net was last checked on Saturday morning during normal servicing.
- The contractor was unable to service the equipment this morning due to rough sea conditions but was able to service the equipment in the afternoon when the equipment was discovered to be missing.
- The contractor has conducted a land and sea search of the immediate area but has not been able to locate the missing net.
- It is unknown how the net has become dislodged.
- It is possible that the net could have dislodged in rough sea conditions, there could be a whale entangled in the net or the net may have been interfered with.
- The contractor has advised that it appears one of the lines securing the net may have been untied.
- The contractor has also advised that a Sea Shepherd vessel was anchored near the net on Friday and Saturday.
- A new net will be set in place of the missing net tomorrow morning.
- The SCP team will develop an action plan on Wednesday morning 11 August to locate the missing net.

Sit Rep 2 – Missing Shark Control Program net – Rainbow Beach, Sunshine Coast

- The Sunshine Coast contractor has conducted a search from Mooloolaba to Rainbow Beach early this morning with no sightings
- Contractors are also in vehicle's searching along Teewah Beach and also at Double Island point headland.
- Contractors are currently reinstalling a new net at Rainbow Beach it will be back in the water in about 15 minutes.
- Contractors will continue to conduct a search and will move north towards Frasier Island and further off shore.
- QPWS have been notified and will inform local officers.
- QBFP Noosa MART are on standby with one crew looking from headlands along the Sunshine Coast.
- Nil calls received through the SCP hotline regarding the missing net at Rainbow Beach.

No reported sightings of the net as at 27 Jan 2022. Incident closed.

Alleged Offender:

Name:
 Address:

Follow up actions:

<u>Action</u>	<u>User</u>	<u>Date</u>
New incident added by HollanT	LANDS\HollanT	10/09/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name:
 Address:
 Telephone:

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RTI Act 2009



Incident Summary - Private and confidential

Incident ID: 33008

Incident:

Date: 29/07/2021 Reliability: Unknown
 Time: 0700 Accuracy: Unknown
 Open By: LANDS\HollanT Priority: Unknown
 Closed Date: 6/09/2021

Issued To:

District: Townsville
 Officer: Matthew James Brady (Badge: BF246)

Incident Details:

Type: Shark Program - Other
 Details: SCP contractor advised that a Townsville drumline was missing this morning and a yacht was anchored in its place. The yacht may have run over the drumline during the night. Contractor replaced the missing drumline and advised the person to move but the person is refusing. Vessel is currently anchored inside the 20m exclusion zone.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
Incident assigned to BradyMJ by MayT	LANDS\MayT	5/09/2021
Patrol of Horseshoe Bay conducted 05/09/21. VOI not located. Incident to be assigned to Tsv DO for closure and consideration in further rostering.	LANDS\MayT	5/09/2021
Vessel name said to be 73(2)Irrelevant	LANDS\bamblingc	29/07/2021
Incident assigned to MayT by bamblingc	LANDS\bamblingc	29/07/2021
Incident assigned to Bamblingc by ShielsG	LANDS\ShielsG	29/07/2021
Craig as discussed for your action	LANDS\ShielsG	29/07/2021
New incident added by HollanT	LANDS\HollanT	29/07/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDS\HollanT access is restricted, contact Matthew James Brady (Badge: BF246) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 32752

Incident:

Date: 2/06/2021 Reliability: Unknown
 Time: 0735 Accuracy: Unknown
 Open By: LANDS\HollanT Priority: Unknown
 Closed Date: 2/06/2021

Issued To:

District: Townsville
 Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
 Details: Caller advised a drumline was washed up on the beach at Picnic Bay (Magnetic Island). TSH advised Tsv contractor who advised he was part way through a service run and had searched for the missing drumline in that area but was unable to locate it, will return to collect.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDS\HollanT	2/06/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name:
 Address:
 Telephone:



Incident Summary - Private and confidential

Incident ID: 32616

Incident:

Date: 4/05/2021 Reliability: Unknown
 Time: 1100 Accuracy: Unknown
 Open By: LANDSFaryS Priority: Unknown
 Closed Date: 4/05/2021

Issued To:

District: Pinkenba
 Officer: Sam Fary (Badge: BF237)

Incident Details:

Type: Shark Program - Other
 Details: SCP hotline received a call regarding a Drumline floating north of Bribie Island. Contractors called to respond.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by FaryS	LANDSFaryS	10/05/2021

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDSHollanT access is restricted, contact Sam Fary (Badge: BF237) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 31834

Incident:

Date: 26/12/2020 Reliability: High
 Time: 0715 Accuracy: High
 Open By: LANDSHollanT Priority: High
 Closed Date: 24/02/2021

Issued To:

District: Townsville
 Officer: Craig Bambling (Badge: BF229)

Incident Details:

Type: Shark Program - Other
 Details: SCP contractor advised that 4 hooks have been stolen from drumlines at Picnic Bay and Nelly Bay. Discovered missing on service run today 26/12/2020.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
Incident assigned to Bamblingc by KuseticT	LANDSKuseticT	24/02/2021
NIL interference since this has occurred. NFA for now.	LANDSKuseticT	18/02/2021
Discussions had with Shark Contractor. No more interference has occurred. Recent poor weather may be a factor. Next period of good weather to be monitored.	LANDSKuseticT	14/01/2021
Incident assigned to KuseticT by KatsarosC	LANDS KatsarosC	26/12/2020
Incident assigned to KatsarosC by MorrisonCD	LANDS MorrisonCD	26/12/2020
Incident assigned to MorrisonCD by HollanT	LANDSHollanT	26/12/2020
New incident added by HollanT	LANDSHollanT	26/12/2020

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDSHollanT access is restricted, contact Craig Bambling (Badge: BF229) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 31767

Queensland Government

Incident:

Date: 14/12/2020 Reliability: High
 Time: 1256 Accuracy: High
 Open By: LANDS\ButlerT Priority: High
 Closed Date: 14/12/2020

Issued To:

District: Gold Coast
 Officer: Matt Daniel Davidson (Badge: BF118)

Incident Details:

Type: Shark Program - Other
 Details: A yellow buoy with a shark hook on it has been found on Tugun Beach.
 Incident reported to MSQ and passed onto QBFP.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
SCP buoy, ropes and hook picked up.	LANDS\DavidsM	15/12/2020
New incident added by ButlerT	LANDS\ButlerT	14/12/2020

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDS\HollanT access is restricted, contact Matt Daniel Davidson (Badge: BF118) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 31773

Queensland Government

Incident:

Date: 14/12/2020 Reliability: High
 Time: 1300 Accuracy: High
 Open By: LANDS\DavidsM Priority: High
 Closed Date: 18/12/2020

Issued To:

District: Gold Coast
 Officer: Matt Daniel Davidson (Badge: BF118)

Incident Details:

Type: Shark Program - Other
 Details: SCP Drumline located at GCCC Tower 38 has become dislodged from it station. Its where abouts is unknown

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
Please be advised that the removal of SCP drumline 13 (Broadbeach drumline) which drifted along to Narrowneck (directly out the front of GCCC Tower 38) has been undertaken. All efforts were made to tow the drumline away from the surf zone without success. (tow line snapped) The drumline rope that was attached to the chain was cut off, leaving the chain and anchor to sit on the bottom of the ocean floor. The drumline buoy, bridle ropes, hook and lead line were recovered. The 3 x SCP Danger Warning signs will be removed from the entry points of Narrowneck beach within in the next hour. All Gold Coast SCP gear will be back 'on station' just after midday. Proceeded back to GCCC Tower 38 at 0830hrs on 15/12/20, I installed 3 x 'Danger - Hazard in Water' signs. These signs were placed at the entrances to the beach and one out the front of GCCC Tower 38. Lifeguard briefed on SCP Drumline buoy.	LANDS\DavidsM	27/01/2021
Advised Sharks Manager, District Manager and Shark Contractor of the tempory installation of danger signs.		
Proceeded back to GCCC Tower 38 at 0615 hrs on 15/12/20, I could NOW see the SCP drumline in question. Advised Sharks Manager, District Manager and Shark Contractor of my observations.	LANDS\DavidsM	15/12/2020
Due to the morning sun's glare I could not see the SCP drumline/ Proceeded back to GCCC Tower 38 at 0515hrs on 15/12/20, I could not see the SCP drumline in question.	LANDS\DavidsM	15/12/2020
Advised Sharks Manager, District Manager and Shark Contractor of my observations. New incident added by DavidsM	LANDS\DavidsM	15/12/2020

Proceeded immediately to Narrowneck and spoke to GCCC Lifeguard. Visually located SCP drumline. LANDSDavidsM 15/12/2020

Advised Sharks Manager, District Manager and Shark Contractor of my observations.

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDSHollanT access is restricted, contact Matt Daniel Davidson (Badge: BF118) for informants details
Address: Restricted
Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 31800

Incident:

Date: 14/12/2020 Reliability: Unknown
Time: 1500 Accuracy: Unknown
Open By: LANDSFaryS Priority: Unknown
Closed Date: 14/12/2020

Issued To:

District: Noosa
Officer: Sam Fary (Badge: BF237)

Incident Details:

Type: Shark Program - Other
Details: SLSQ called hotline regarding SCP gear moving at noosa and sunshine beach due to severe weather.

Alleged Offender:

Name:
Address:

Follow up actions:

Action	User	Date
New incident added by FaryS	LANDSFaryS	21/12/2020

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDSHollanT access is restricted, contact Sam Fary (Badge: BF237) for informants details
Address: Restricted
Telephone: Restricted

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RTI Act 2009



Incident Summary - Private and confidential

Incident ID: 31637

Queensland Government

Incident:

Date: 20/11/2020 Reliability: Unknown
 Time: 1615 Accuracy: Unknown
 Open By: LANDS\HollanT Priority: Unknown
 Closed Date: 20/11/2020

Issued To:

District: Noosa
 Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Other
 Details: Caller advised a Shark Control Program float/buoy (with nothing else attached) was on the beach at Rainbow Beach. I requested he hand it in to SLSQ who were still on the beach. He advised he was happy to do so. Called Paddy to advise and he said his crew would collect the next Morning. Called SLSQ SOCC who agreed to advise Rainbow Beach SLSQ to store in the shed until collected.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by HollanT	LANDS\HollanT	22/11/2020

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name:
 Address:
 Telephone:



Incident Summary - Private and confidential

Incident ID: 31332

Queensland Government

Incident:

Date: 2/10/2020 Reliability: Unknown
 Time: 1330 Accuracy: Unknown
 Open By: LANDS\FaryS Priority: Unknown
 Closed Date: 2/10/2020

Issued To:

District: Mooloolaba
 Officer: Sam Fary (Badge: BF237)

Incident Details:

Type: Shark Program - Other
 Details: SLSQ called regarding a drumline washed ashore at marcoola - SCP contractors to respond and pick up.

Alleged Offender:

Name:
 Address:

Follow up actions:

Action	User	Date
New incident added by FaryS	LANDS\FaryS	2/10/2020

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name: LANDS\HollanT access is restricted, contact Sam Fary (Badge: BF237) for informants details
 Address: Restricted
 Telephone: Restricted



Incident Summary - Private and confidential

Incident ID: 31032

Incident:

Date:	14/08/2020	Reliability:	Unknown
Time:	0730	Accuracy:	Unknown
Open By:	LANDS\HollanT	Priority:	Unknown
Closed Date:	1/09/2020		

Issued To:

District: Gold Coast
 Officer: Tracey Scott-Holland (Badge: BF302)

Incident Details:

Type: Shark Program - Entanglement, Shark Program - Other
 Details: The Gold Coast contractor has completed a full service this morning and is missing one drumline from Sheraton Mirage. A new drumline has been installed in its place.

It is possible that this may be the result of a whale strike. The anchor and ground tackle are likely to still be in place but the contractor can't confirm until visibility improves (likely early next week). The gear was last serviced 2 days ago. In most instances of whales interacting with drumlines, the gear comes loose of its own accord and MART involvement is not required. DES and NSW contacts advised.

The missing drumline was recovered in situ. The buoy had been deflated (due to being bitten by a shark caught on the drumline). The contractor was able to recover all of the gear. No whales involved.

Alleged Offender:

Name:
 Address:

Follow up actions:

<u>Action</u>	<u>User</u>	<u>Date</u>
New incident added by HollanT	LANDS\HollanT	17/08/2020

Informant Details:

Remove Informant details before taking into the field to maintain confidentiality.

Name:
 Address:
 Telephone:

Date : 1/09/2020 9:18:48 AM

From : "MIKITIS Michael"

To : "GBRR-Strandings", "assessments@gbmpa.gov.au"

Cc : [73(2)Irrelevant]@gbmpa.gov.au", "[73(2)Irrelevant]@gbmpa.gov.au"

Subject : FW: Lost Equipment Report- Mackay Harbour Net 2

Attachment : MACKAY 31-08-2020 Write Off - LOST Equipment DAF 2019.doc;image003.png;image004.png;image005.jpg;

Good morning all,

As discussed yesterday with a number of you, please be advised of a missing Shark Control Program net from Harbour Beach, Mackay. At this stage we have not been able to locate the missing net or ascertain how the net became dislodged. Please note the steps below taken so far to try and locate it –

- The net was last sighted Sunday morning during normal servicing by the Shark Control Program Contractor.
- A thorough at sea search of local beaches and inshore waters was conducted immediately the nets was noticed to be missing.
- Harbour Beach is outside the GBRMP, however depending on what's happened, it is possible the net may now be within the GBRMP.
- DAF chartered a light aircraft (31/8/20) and conducted an aerial search from Harbour Beach to Cape Hillsborough and out to Keswick Island.
- Reef VTS, MSQ, NQ Ports (reef pilots) and Mackay helicopters (charters) have all been notified and are keeping an eye out.
- Fisheries Queensland is liaising with MSQ on boat operations in the area and will consider further action today if the net is not located.

Any assistance GBRMPA can provide would be appreciated.

Regards



Michael Mikitis
 A/Manager Shark Control Program – Fisheries Queensland
 Department of Agriculture and Fisheries

T [73(2)Irrelevant] E michael.mikitis@daf.qld.gov.au W www.daf.qld.gov.au
 Level 5, 41 George Street, Brisbane QLD 4000
 GPO Box 46, Brisbane QLD 4001

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From: [73(2)Irrelevant]

Sent: Monday, 31 August 2020 11:57 PM

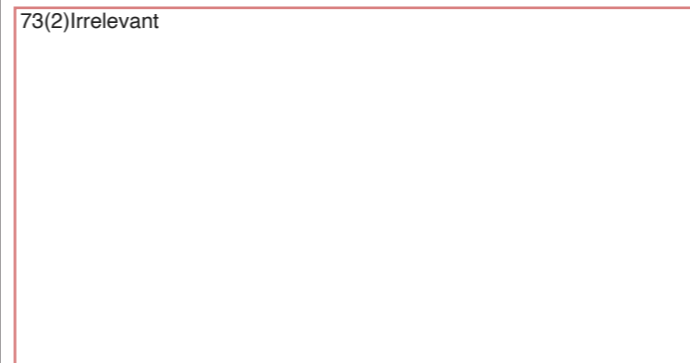
To: GRAHAM Ryan; MIKITIS Michael

Subject: Lost Equipment Report- Mackay Harbour Net 2

Hi All

Please find attached Lost equipment report for Net 2 Harbour Beach Mackay.

Cheers



Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area MACKAY **Date** 31/08/2020
Location Harbour Beach

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
31/08/2020	12 knot Net	2	Harbour Beach	Price
	35S Anchor	1	Harbour Beach	
	10mm Chain	15m	Harbour Beach	
	A3 Yellow Buoys	2	Harbour Beach	
	Whale Alarms	3	Harbour Beach	
	Dolphin Alarms	2	Harbour Beach	
TOTAL				<i>Total</i>

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:
 Comment: Air search conducted to try and find missing equipment. Not recovered
 Suspected reason for missing equipment - Equipment failure due to inclement weather
 Equipment failure
 Captured marine animal
 Vessel strike
 Theft
 Other
 Comments: Reason cannot be established yet
 Manager SCP notified immediately the equipment was noticed missing
 Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct. I support this application.
 Contractor's Name: 73(2)Irrelevant **District Manager/Officer/Liaison Officer's Name:**
 Date: 31/08/2020 **Date:**

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

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Date : 22/07/2020 3:59:18 PM
 From : "WATTS Christopher"
 To : "'assessments@gbmpa.gov.au'"
 Cc : "FOWLER Glynis"
 Subject : FW: Townsville Lost Equipment
 Attachment : 200722 Lost Equipment.doc;image001.png;image003.png;
 Good afternoon,

Please find attached report for a missing drum line at Magnetic Island today.

Regards, Chris



Chris Watts
 Operations Coordinator (Shark Control Program) Fisheries Queensland
 Department of Agriculture and Fisheries

T 07 3825 0465 M **73(2)Irrele** christopher.watts@daf.qld.gov.au W www.daf.qld.gov.au
 Redlands Research Centre, 26-40 Delancey Street, Cleveland, 4163
 PO Box 327, Cleveland QLD 4163
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From: **73(2)Irrelevant**

Sent: Wednesday, 22 July 2020 1:56 PM

To: WATTS Christopher
 Cc: SHIELS Glenn T; KUSETIC Timothy
 Subject: Townsville Lost Equipment

Hi Chris,

I have attached the file for drumline 27, which was missing from Radical Bay today.

Regards,

73(2)Irr



Queensland
 Government

Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
 Use F11 key to tab between the different fields

Area *Townsville* **Date** *22/07/2020*
Location Insert Location of where Equipment was lost from

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
22/07/2020	A3 Buoy	1	Radical Bay	Price
22/07/2020	5mm Chain	2m	Radical Bay	Price
22/07/2020	10mm Chain	10m	Radical Bay	Price
22/07/2020	8kg Danforth Anchor	1	Radical Bay	Price
22/07/2020	12mm Shackle	1	Radical Bay	Price
22/07/2020	10mm Shackle	2	Radical Bay	Price
22/07/2020	6mm Shackle	2	Radical Bay	Price
22/07/2020	6mm Swivel	1	Radical Bay	Price
22/07/2020	12mm Rope	30m	Radical Bay	Price
22/07/2020	SHE 10 Float	3	Radical Bay	Price
22/07/2020	14/O Hook	1	Radical Bay	Price
22/07/2020	12mm Nylon Thimble	1	Radical Bay	Price
TOTAL				<i>Total</i>

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 No
 If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name 73(2)Irrelevant

District Manager/Officer/Liaison Officer's Name:

Date: 22/07/2020

Date:

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

Date : 13/06/2020 10:21:44 PM

From : "WATTS Christopher"

To : "'GBRR-Strandings@npsr.qld.gov.au'"

Cc : "'GBRR-Strandings"', "'assessments@gbmpa.gov.au'"

Subject : Lost Shark Control Program drum line

Attachment : MACKAY 13-06-2020 Write Off - LOST Equipment DAF 2019.doc;image001.png;image002.png;

Hi,

Please find attached report for a Shark Control Program drum line that was lost over the weekend in the GBRMP at Mackay (Blacks Beach).

Regards, Chris



Queensland
Government

Chris Watts

Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

T 07 3825 0465 M 73(2)Irrelevant E christopher.watts@daf.qld.gov.au W www.daf.qld.gov.au

Redlands Research Centre, 26-40 Delancey Street, Cleveland, 4163

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Shark Control Program

Application to Write off LOST Equipment

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area MACKAY **Date** 13/06/2020
Location Blacks Beach

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
13/06/2020	Drumline 20 - A3 YELLOW BUOY	1	BLACKS BEACH	Price
13/06/2020	Drumline 20 - 8MM D SHACKLE	1	BLACKS BEACH	Price
13/06/2020	Drumline 20 - 6MM GALV CHAIN	2 MT	BLACKS BEACH	Price
13/06/2020	Drumline 20 - 6MM BOW SHACKLES	2	BLACKS BEACH	Price
13/06/2020	Drumline 20 - 6MM SWIVEL	1	BLACKS BEACH	Price
13/06/2020	Drumline 20 - 14/0 SHARK HOOK	1	BLACKS BEACH	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.
 If no, give a reason for not conducting a search:

Yes
 No

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

District Manager/Officer/Liaison Officer's Name:

Date:

Date: 13/06/2020

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

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Date : 12/08/2021 11:58:37 AM

From : "FARY Samuel"

To : "strand data"

Subject : Missing equipment Shark Control Program (Rainbow Beach)

Attachment : image001.png;image003.jpg;image004.png;

Good morning,

Please be advised that we have a large portion of net missing from Rainbow Beach, this was reported to us by our contractor late in the day on the 10th of August 2021. We have been conducting a search of the area via vessel and vehicles along the beach with no success or sightings from the public.

Please be advised the net has two red A3 floats attached with Shark Control Program on the side and associated rope.

I will inform of an update once more information come in.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

M **73(2) Irrelevant**
E samuel.fary@daf.qld.gov.au
W www.daf.qld.gov.au
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Date : 25/10/2021 7:11:51 AM

From : "FARY Samuel"

To : ""assessments@gbrmpa.gov.au"" , ""GBRR-Strandings@npsr.qld.gov.au"" , "strand data"

Cc : "Glynis Fowler"

Subject : Missing SCP equipment Bucans Beach

Attachment : image001.png;image002.png;image003.jpg;

Good Morning,

Please be aware that our Shark Control Program contractor in Cairns reported a drumline missing at Bucans Beach (drumline 8) on the 21st of October 2021. An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

Cheers,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

M **73(2) Irrelevant** E samuel.fary@daf.qld.gov.au W www.daf.qld.gov.au
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Work pattern

Wk	Mon	Tue	Wed	Thu	Fri
	WFH	MBA	WFH	MBA	MBA

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Date : 4/01/2022 7:14:46 AM
From : "Samuel Fary"
To : "assessments@gbrmpa.gov.au" , "GBRR-Strandings" , "strand data"
Cc : "Glynis Fowler"
Subject : Missing SCP equipment Cairns and Townsville
Attachment : image001.png;image002.png;image003.jpg;

Good Morning,

Please be aware that our Shark Control Program contractor in Cairns and Townsville have reported a drumline missing at Cairns Yorkeys Knob and Townsville Alma bay on the 1st of January 2022.

An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment was the result of a vessel strike as there has been high vessel traffic over the new year period.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 28/04/2022 2:25:00 PM
From : "Samuel Fary"
To : "assessments" , "GBRR-Strandings" , "strand data"
Cc : "Glynis Fowler"
Subject : Missing SCP equipment Capricorn Coast
Attachment : image001.png;image002.png;image003.jpg;

Good afternoon,

Please be aware that our Shark Control Program contractor in Yeppoon has reported a two drumline's missing from Emu Park.

An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment could be a result of the severe weather encountered recently.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 25/10/2021 1:29:12 PM

From : "FARY Samuel"

To : "'GBRR-Strandings@npsr.qld.gov.au'", "'assessments@gbrmpa.gov.au'", "strand data"

Cc : "Glynis Fowler"

Subject : Missing SCP equipment Emu Park

Attachment : image001.png;image003.jpg;image002.png;

Good Afternoon,

Please be aware that our Shark Control Program contractor on the Capricorn Coast reported a a3 white research buoy missing at Emu Park (drumline 8) on the 25th of October 2021.

An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. The research buoy had an acoustic tag receiver attached which was grappled for and recovered. The Buoy has since been replaced.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

M [73(2)Irreleva] samuel.fary@daf.qld.gov.au W www.daf.qld.gov.au
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Work pattern

Wk	Mon	Tue	Wed	Thu	Fri
	WFH	MBA	WFH	MBA	MBA

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Date : 2/06/2021 8:51:34 AM

From : "FARY Samuel"

To : "assessments@gbrmpa.gov.au", "GBRR-Strandings", "GBRR-Strandings@npsr.qld.gov.au", "strand data"

Cc : "MIKITIS Michael", "BAMBLING Craig", "MAY Ty"

Subject : Missing SCP equipment Picnic Bay

Attachment : image001.png;image005.jpg;image002.png;image003.png;

Please be advised that the missing drumline has been recovered by a member of the public at 08:30 and passed onto the contractor.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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From: FARY Samuel

Sent: Wednesday, 2 June 2021 6:41 AM

To: assessments@gbrmpa.gov.au; GBRR-Strandings; GBRR-Strandings@npsr.qld.gov.au; strand data

Cc: MIKITIS Michael; BAMBLING Craig; MAY Ty

Subject: Missing SCP equipment Picnic Bay

Good Morning,

Please be aware that our Shark Control Program contractor in Townsville reported a drumline missing at Picnic Bay (drumline 4) this morning the 2nd of June 2021. An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment was the result of a vessel strike.

Cheers,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 29/07/2021 10:33:09 AM

From : "FARY Samuel"

To : "assessments@gbrmpa.gov.au" , "GBRR-Strandings" , "strand data"

Cc : "MIKITIS Michael" , "FOWLER Glynis" , "LOADER Tony"

Subject : Missing SCP equipment Yorkeys Knob

Attachment : image001.png;image002.png;image003.jpg;

Good Morning,

Please be aware that our Shark Control Program contractor in Cairns reported a drumline missing at Yorkeys Knob (drumline 33) yesterday morning the 28th of July 2021. An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment was the result of a vessel strike.

Cheers,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 22/02/2021 9:00:03 AM

From : "FARY Samuel"

To : "assessments@gbrmpa.gov.au" , "GBRR-Strandings@npsr.qld.gov.au" , "strand data"

Cc : "MIKITIS Michael" , "FOWLER Glynis" , "BAMBLING Craig"

Subject : Missing SCP equipment.

Attachment : image001.png;image002.png;image003.jpg;

Good Morning,

Please be aware that our Shark Control Program contractor in Townsville reported a drumline missing at Florence bay (drumline 25) on the 20th of February 2021. An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment was the result of a vessel strike.

Cheers,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 28/05/2021 12:26:18 PM

From : "FARY Samuel"

To : "assessments@gbrmpa.gov.au" , "GBRR-Strandings@npsr.qld.gov.au" , "strand data"

Cc : "MIKITIS Michael" , "FOWLER Glynis" , "IBELL Robert" , "UIT DEN BOGAARD Ben"

Subject : Missing SCP equipment.

Attachment : image001.png;image002.png;image003.jpg;

Good afternoon,

Please be aware that our Shark Control Program contractor in Cairns reported a drumline missing at Yorkeys Knob (drumline 30) this morning the 28th of May 2021. An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment was the result of a vessel strike.

Cheers,

Sam



Sam Fary

Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

M 73(2) Irrelev

E samuel.fary@daf.qld.gov.au

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Date : 17/12/2020 1:25:02 PM

From : "FARY Samuel"

To : "assessments@gbrmpa.gov.au" , "strand data" , "GBRR-Strandings@npsr.qld.gov.au"

Cc : "FOWLER Glynis" , "MIKITIS Michael" , "RYALL Lachlan" , "IBELL Robert" , "LOADER Tony"

Subject : Missing Shark Control Program Equipment Cairns (Ellis Beach DL-6)

Attachment : image001.png;image003.jpg;image004.png;

Good Afternoon,

Please be aware that our Shark Control Program contractor in Cairns reported a drumline missing at Ellis Beach (Cairns) (drumline 6) on the 17th of December 2020. An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result.

The contractor suspects the missing equipment was the result of a vessel strike.

Cheers,

Sam



Sam Fary

Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 26/08/2020 2:33:54 PM

From : "SCOTT-HOLLAND Tracey"

To : 73(2)Irrelevant , 73(2)Irrelevant

Subject : RE: Missing Shark Control Program drumline - Gold Coast - possible whale strike

Attachment : image001.png;image002.jpg;image003.png;image004.png;image008.png;image006.png;

Hi Doug and 73(2)Irre

Just following up on this report so you can close it out in your systems if required. The missing drumline was recovered in situ. The buoy had been deflated (due to being bitten by a shark caught on the drumline). The contractor was able to recover all of the gear. No whales involved. Apologies for the false alarm but a precautionary approach is probably best with these things.

Kind Regards
Tracey

From: SCOTT-HOLLAND Tracey

Sent: Friday, 14 August 2020 6:33 PM

To: 73(2)Irrelevant 73(2)Irrelevant

Subject: RE: Missing Shark Control Program drumline - Gold Coast - possible whale strike

Hi 73(2)I nd 73(2)Irre

Photo of a buoy attached. Note also that the drumlines were previously checked two days prior so it's unknown exactly when the gear went missing between services. If it is attached to a whale it could have travelled further than suggested by Andy here. Could also have been a boat strike or some other incident.

Thanks
Tracey

From: 73(2)Irrelevant @environment.nsw.gov.au>

Sent: Friday, 14 August 2020 6:24 PM

To: 73(2)Irrelevant SCOTT-HOLLAND Tracey

Subject: RE: Missing Shark Control Program drumline - Gold Coast - possible whale strike

Thanks 73(2)Irre

Tracey, do you have a photo as to what the yellow bouy looks like?

Thank you
73(2)Ir

73(2)Irrelevant

Senior Conservation Planning Officer
Hunter Central Coast Branch

"Together, we create thriving environments, communities and economies."

National Parks and Wildlife Service | Department of Planning, Industry and Environment
T 02 4927 3260 | M 73(2)Irrelevant E doug.beckers@environment.nsw.gov.au
Suite G 3477, 117 Bull Street Newcastle 2300
PO Box 488G Newcastle 2300
www.dpie.nsw.gov.au



The Department of Planning, Industry and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: 73(2)Irrelevant @environment.nsw.gov.au>

Sent: Friday, 14 August 2020 6:02 PM

To: OEH NPWS FIMS Incidents Mailbox <fims.incidents@environment.nsw.gov.au>; OEH NPWS NCB Duty Officer Mailbox <npwsNCB.dutyofficer@environment.nsw.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>; 73(2)Irrelevant

<npwsNCB.dutyofficer@environment.nsw.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>; 73(2)Irrelevant

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Cc: 73(2)Irrelevant @environment.nsw.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>; OEH NPWS GSB Duty Officer Mailbox <npwsGSB.dutyofficer@environment.nsw.gov.au>; OEH NPWS HCCB Duty Officer Mailbox <npwsHCCB.dutyofficer@environment.nsw.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>; SCOTT-HOLLAND Tracey <Tracey.Scott-Holland@daf.qld.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>
Subject: RE: Missing Shark Control Program drumline - Gold Coast - possible whale strike

Hi 73(2)Irrelevant et al,

Just forwarding for your info – potential whale in shark drumline gear for North Coast this weekend. (gear description in string below)

Worth noting that Tracey has suggested if this was a "whale strike" on their gear, it is unlikely to still be attached (as has been the experience with similar NSW gear), but worth being aware of just in case we get reports over the weekend of a big yellow float being dragged down the coast behind a Humpback.

If it is attached to an adult Humpback, just as a really rough guide, it's possibly going to travel about 120km to 180km down the coast each day. I'm guessing maybe around Yamba on Saturday morning, between Coffs to Nambucca on Sunday morning,... and maybe between Port Macquarie to Forster by Monday morning,... GSB mid to late next week.

Hopefully the gear didn't stay attached.

Either NSW LWD response if viable, or contacts for QLD in string below.



73(2)Irrelevant

Marine Wildlife Project Officer
Biodiversity & Wildlife Unit
NSW National Parks & Wildlife Service

22 Blackbutt Rd, Port Macquarie 2444
T 02 6588 5505
W nationalparks.nsw.gov.au

From: 73(2)Irrelevant @environment.nsw.gov.au> On Behalf Of OEH NPWS FIMS Incidents Mailbox

Sent: Friday, 14 August 2020 1:24 PM

To: OEH NPWS NCB Duty Officer Mailbox <npwsNCB.dutyofficer@environment.nsw.gov.au>

Cc: 73(2)Irrelevant @environment.nsw.gov.au>; 73(2)Irrelevant @environment.nsw.gov.au>; Andrew Marshall

73(2)Irrelevant @environment.nsw.gov.au>; OEH NPWS GSB Duty Officer Mailbox <npwsGSB.dutyofficer@environment.nsw.gov.au>

Subject: FW: Missing Shark Control Program drumline - Gold Coast - possible whale strike

From: SCOTT-HOLLAND Tracey <Tracey.Scott-Holland@daf.qld.gov.au>

Sent: Friday, 14 August 2020 9:47 AM

To: OEH NPWS FIMS Incidents Mailbox <fims.incidents@environment.nsw.gov.au>; strand data <strand.data@des.qld.gov.au>

Subject: Missing Shark Control Program drumline - Gold Coast - possible whale strike

Hi All,

The Gold Coast Shark Control Program is missing one drumline. It is possible that this may be related to a whale strike. If you receive any information about sightings of whales in the region with a yellow SCP buoy attached please liaise directly with the Shark Control Program team. The on call officer can be reached at any time on 1800 806 891.

Note: if this is due to a whale strike, the gear is unlikely to still be attached to the whale.

Kind Regards
Tracey



Dr Tracey Scott-Holland
Research Coordinator (Shark Control Program), Fisheries Queensland
Department of Agriculture and Fisheries

T 07 3087 8190 E tracey.scott-holland@daf.qld.gov.au W www.daf.qld.gov.au
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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Date : 12/04/2022 7:44:41 AM

From : "Samuel Fary"

To : "strand data"

Cc : "Glynis Fowler"

Subject : Shark Control Program missing drumline (Bribie Island) 12.05.2022

Attachment : image001.png;image002.png;image003.jpg;

Good Morning,

Please be aware that our Shark Control Program contractor at Bribie Island have reported a drumline missing.

An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment was the result of a vessel strike as there has been high vessel traffic over the period.

Please also note that we since received a phone call indicating it ashore at Bribie Island.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

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Date : 12/05/2022 12:11:16 PM
From : "Samuel Fary"
To : "assessments" , "GBRR-Strandings" , "strand data"
Cc : "Glynis Fowler" , "Tracey Scott-Holland"
Subject : Shark Control Program missing equipment Townsville 12.05.2022
Attachment : image001.png;image002.png;image003.jpg;

Good afternoon,

Please be aware that our Shark Control Program contractor in Townsville has reported drumline 36 missing from Horseshoe Bay.

An at sea search was conducted of the missing equipment over a 5km radius from the last know position with no result. (The gear has since been replaced)

The contractor suspects the missing equipment could be a result of the severe weather encountered recently or vessel strike.

Regards,

Sam



Sam Fary
Operations Coordinator (Shark Control Program) Fisheries Queensland
Department of Agriculture and Fisheries

M 73(2) Irrelevant [E samuel.fary@daf.qld.gov.au](mailto:samuel.fary@daf.qld.gov.au) W www.daf.qld.gov.au
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Date : 21/08/2020 12:44:27 PM
From : "MIKITIS Michael"
To : "assessments@gbmpa.gov.au"
Subject : Missing gear report
Attachment : 200821 Lost Equipment Townsville (002).doc;image001.png;image002.png;

Good afternoon,

Please find attached a report of missing drumline from Magnetic Island received today.

Regards



Michael Mikitis
A/Manager Shark Control Program – Fisheries Queensland
Department of Agriculture and Fisheries

M 73(2) Irrelevant [E michael.mikitis@daf.qld.gov.au](mailto:michael.mikitis@daf.qld.gov.au) W www.daf.qld.gov.au
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Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area Townsville **Date** 21/08/2020
Location Radical Bay, Drumline 27

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
21/08/2020	A3 Buoy	1	Radical Bay	51.90
21/08/2020	5mm Chain	2m	Radical Bay	8.22
21/08/2020	10mm Chain	10m	Radical Bay	17.90
21/08/2020	8kg Danforth Anchor	1	Radical Bay	30.50
21/08/2020	12mm Shackle	1	Radical Bay	2.90
21/08/2020	10mm Shackle	2	Radical Bay	3.08
21/08/2020	6mm Shackle	2	Radical Bay	1.32
21/08/2020	6mm Swivel	1	Radical Bay	3.75
21/08/2020	12mm Rope	30m	Radical Bay	42.00
21/08/2020	SHE 10 Float	3	Radical Bay	15.20
21/08/2020	14/O Hook	1	Radical Bay	8.50
21/08/2020	12mm Nylon Thimble	1	Radical Bay	2.55
TOTAL				187.82

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

Suspected reason for missing equipment -
 - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:
 Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.
 Contractor's Name: 73(2)Irrelevant
 Date: 21/08/2020

I support this application.
 District Manager/Officer/Liaison Officer's Name: 73(2)Irrelevant
 Timothy Kusetic
 Date: 21/08/2020

I recommend this application and certify that the value of the equipment is correct.
 73(2)Irrelevant
Manager (Shark Control Program)
 Date: 21/8/2020

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Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area MACKAY **Date** 11/07/2020
Location Lamberts Beach

Marine Parks:

MARINE PARK ZONES

General Use Zone (GUZ) (Light Blue)
 Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow)
 Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
11/07/2020	Drumline 20 - A3 YELLOW BUOY	1	LAMBERTS BEACH	51.90
<i>Date</i>	<i>Description</i>	<i>Number</i>	<i>Beach</i>	<i>Price</i>
<i>Date</i>	<i>Description</i>	<i>Number</i>	<i>Beach</i>	<i>Price</i>
<i>Date</i>	<i>Description</i>	<i>Number</i>	<i>Beach</i>	<i>Price</i>
<i>Date</i>	<i>Description</i>	<i>Number</i>	<i>Beach</i>	<i>Price</i>
<i>Date</i>	<i>Description</i>	<i>Number</i>	<i>Beach</i>	<i>Price</i>
<i>Date</i>	<i>Description</i>	<i>Number</i>	<i>Beach</i>	<i>Price</i>

TOTAL \$51.90

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 No
 If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct. I support this application.

Contractor's Name: 73(2)Irrelevant District Manager/Officer/Liaison Officer's Name: Chayse Tilley

Date: 11/07/2020 Date: 73(2)Irrelevant SLO 17/07/2020

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date: 09-09-2020 73(2)Irrelevant

Shark Control Program

Application to Write off LOST Equipment

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
 Use F11 key to tab between the different fields

Area Cairns **Date** 12.03.21
Location Holloways beach D/L 38

MARINE PARK ZONES
Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
12.03.21	SHE -10 Float	1	Holloways Beach	4.80

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

- Suspected reason for missing equipment - Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments:
 Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

Use double knot on anchor line.

I certify that details recorded on this application are true & correct. I support this application.
 Contractor's Name: 73(2)Irrelevant
 District Manager/Officer/Liaison Officer's Name:
 Date: 12.03.21

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Samuel Fary
 Date: 15.03.2021

Shark Control Program

Application to Write off LOST Equipment

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 Use F11 key to tab between the different fields

Area MACKAY **Date** 13/06/2020
Location Blacks Beach

MARINE PARK ZONES
Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
13/06/2020	Drumline 20 - A3 YELLOW BUOY	1	BLACKS BEACH	51.90
13/06/2020	Drumline 20 - 8MM D SHACKLE	1	BLACKS BEACH	1.09
13/06/2020	Drumline 20 - 6MM GALV CHAIN	2 MT	BLACKS BEACH	9.90
13/06/2020	Drumline 20 - 6MM BOW SHACKLES	2	BLACKS BEACH	3.08
13/06/2020	Drumline 20 - 6MM SWIVEL	1	BLACKS BEACH	3.75
13/06/2020	Drumline 20 - 14/0 SHARK HOOK	1	BLACKS BEACH	8.50
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 No
 If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name: 73(2)Irrelevant
 Date: 13/06/2020

I support this application.

District Manager/Officer/Liaison Officer's Name:
 Date: 73(2)Irrelevant

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Chris Watts

Date: 18-06-2020

Published on Data Log
 Disclosed under RTI Act 2009

Date : 23/06/2022 2:37:33 PM
 From : "Samuel Fary"
 To : "Glynis Fowler"
 Subject : FW: Townsville Lost equipment application 160622
 Attachment : 160622 Townsville Write off Lost equipment form 2022.docx;image001.png;image002.jpg;image003.png;image004.png;
 Thanks Glynis,

Please accept this email for approval of the attached write off form.

Regards,

Sam



Sam Fary
 Operations Coordinator (Shark Control Program) Fisheries Queensland
 Department of Agriculture and Fisheries

M 73(2) Irrele E samuel.fary@daf.qld.gov.au W www.daf.qld.gov.au
 18/19 Parkyn Parade, Mooloolaba Qld 4557
 Follow us on [Facebook](#), [Twitter](#), [YouTube](#), [Instagram](#) and [LinkedIn](#)!
 Download the NEW 'Qld Fishing 2.0' smart phone app for [Apple](#) and [Google](#).



From: Glynis Fowler <Glynis.Fowler@daf.qld.gov.au>
 Sent: Thursday, 23 June 2022 1:44 PM
 To: Samuel Fary
 Subject: Townsville Lost equipment application 160622

Hi Sam,

Please approve the attached application for Lost equipment for Townsville SC signed by Tim Kusetic.

Thanks,

Glynis



Glynis Fowler
 Fisheries Support Officer
 Level 2 Procurement - SAP
 Shark Control Program (Wednesday-Friday)
 Department of Agriculture and Fisheries

T 07 3825 0409 Fax 07 3286 3094 E glynis.fowler@daf.qld.gov.au W www.daf.qld.gov.au
 26-40 De Lancey Street
 GPO Box 327, Cleveland Qld 4163

Follow us on [Facebook](#), [Twitter](#), [YouTube](#), [Instagram](#) and [LinkedIn](#)!
 Download the free 'Qld Fishing' smart phone app from [Apple](#) and [Google](#) app stores
 Customer Service Centre 13 25 23



Shark Control Program

Application to Write off LOST Equipment

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 Use F11 key to tab between the different fields

AREA	Townsville	Date	16/06/2022
Location	Alma Bay (Drumline 16)		
MARINE PARK ZONES			
MARINE PARKS:	<input type="checkbox"/> General Use Zone (GUZ) (Light Blue)	<input checked="" type="checkbox"/> Habitat Protection Zone (HPZ or GUB) (Dark Blue)	
	<input type="checkbox"/> Conservation Park (MNP A) Yellow	<input type="checkbox"/> Marine National Park (MNP B) (Green)	

Date	Description of Equipment	Tick ✓	Quantity	Beach	Value
	Alarms -Fumunda Whale F3				
	Alarms Fumunda Dolphin F10				
	Alarms Fumunda Dolphin specific F70				
	Anchor – Plough 20lb				
	Anchor – Plough 80lb				
	Anchor – Plough 100lb				
16/06/2022	Anchor – Danforth Sand 16s		1		30.50
	Anchor – Danforth Sand 27s				
	Anchor – Danforth Sand 35s				
16/06/2022	Buoys – A3 Yellow		1		51.90
	Buoys – A3 Red				
	Buoys – A3 White				
	Buoys – A5 Red				
	Chain – 6mm Regular Galv				
	Chain – 8mm Regular Galv				
	Chain – 8mm Grade L PWB				
	Chain – 10mm Grade L Titan				
16/06/2022	Chain – 10mm Regular Galv		10m		72.00
	Floats – 360mm Orange Hard Plastic				
	Floats – 300mm Orange Hard				
	Floats – SHE-10				
	Float 15" Hard TF360A Eye-Eye				
	Float inflatable Buoy Polyform A3 470mm Yellow/Red				
	Hooks – Shark 14/0 4480DT 7.6mm				
	Hook – Circle 20/0 SS 5.5mm Wire				
	Hook – Circle 24/0 SS 6.5mm wire				
	Hook – 19/0 Mustad				
	Hook – 20/0 Circle				
	Hook – 12/0 4480DT 6.4mm				
	Leads 330g				
	Complete 3 panel net setup				
	Complete 2 panel net setup				
	Complete Net drumline and set up				
16/06/2022	Rope – 12mm Green Black fleck Rope		30m		26.40
	Rope – 16mm Braided				

Date	Description of Equipment	Tick ✓	Quantity	Beach	Value \$
	Rope – 16mm Yellow Cross Braid Danline UV stabilised				
	Rope – 12mm Cross Braid Danline UV stabilised				
	Rope – 16mm White Lankhorst				
	Rope – 10mm Double Braid Rope Coloured				
	Rope – 10mm Double Braid White with Fleck				
	Rope – 10mm Double Braid Coloured				
	Shackles – 6mm Bow Galv				
	Shackles – 8mm Bow Galv				
	Shackles – 10mm Bow Galv				
16/06/2022	Shackles – 12mm Bow Galv		1		3.20
	Shackles – 16mm Bow Galv				
	Shackles – 6mm Bow S/Steel				
	Shackles – 8mm Bow S/Steel				
	Shackles – 10mm Bow S/Steel				
	Shackles – 12mm Bow S/Steel				
	Shackles – 16mm Bow S/Steel				
	Shackles – 5mm D S/Steel				
	Shackles – 6mm D S/Steel				
	Shackles – 8mm D S/Steel				
	Shackles – 10mm D S/Steel				
	Shackles – 12mm D S/Steel				
	Shackles – 16mm D S/Steel				
	Shackle – 6mm D Galv				
	Shackle – 8mm D Galv				
	Shackle – 10mm D Galv				
	Shackle – 12mm D Galv				
	Shackle – 16mm D Galv				
	Swivels – 6mm Galv Tested WLL 0.4T				
	Swivel – 6.5mm Bow Galv				
	Swivel – 8mm Tested WLL 0.56T				
	Swivel – 10mm Tested 1t				
	Swivel – 12mm Tested 1.6t				
	Swivel – 16mm Tested 2.3t				
	Swivel – 6mm S/Steel Eye-Eye				
	Swivel – 8mm S/Steel Eye/Eye				
	Swivel – 10mm S/Steel Eye/Eye				
	Thimbles – 12mm Aus Std Galv				
	Thimbles – 14mm Aus Std Galv				
	Thimbles – 16mm Aug Std Galv				
	Thimbles – Nylon 12mm				
	Thimbles 12mm S/Steel H/Duty RM35HD				
					\$184.00

Missing equipment check list

An at sea search conducted for the missing equipment over a 5km radius from the known position of the missing item. Yes
 No

If no, give a reason for not conducting a search:

Suspected reason for missing equipment -
 Equipment failure due to inclement weather
 Equipment failure
 Captured marine animal
 Vessel strike
 Theft
 Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true and correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

Liaison Officer's Name: 73(2)Irrelevant

Date: 16/06/2022

Date: 22-06-22

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

Shark Control Program

Application to Write off LOST Equipment

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If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
 Use F11 key to tab between the different fields

Area Cairns **Date** 17/12/2020
Location D/L 6 Ellis Beach

MARINE PARK ZONES
Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
17.12.2020	16s Anchor	1	Ellis beach	30.50
17.12.2020	10mm D shackle	1	Ellis beach	1.35
17.12.2020	8mm Chain	10m	Ellis beach	69.80
17.12.2020	12mm Bow shackle	1	Ellis beach	2.90
17.12.2020	10mm Swivel	1	Ellis beach	7.46
17.12.2020	10mm Rope	15m	Ellis beach	No longer used
17.12.2020	SHE Floats	2	Ellis beach	9.60
17.12.2020	A3 Buoy	1	Ellis beach	51.90
17.12.2020	6mm Swivel	1	Ellis beach	3.75
17.12.2020	8mm D shackles	2	Ellis beach	2.18
17.12.2020	6mm Chain	1.5m	Ellis beach	7.43
17.12.2020	14/0 Hook	1	Ellis beach	14.60

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

- Suspected reason for missing equipment - Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments: Conditions were smooth and have not changed, gear was on station and serviced yesterday.

Manager SCP notified immediately the equipment was noticed missing Y

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident: Not much can be done to stop a recurrence when we don't know the circumstances as to why the gear is missing.

I certify that details recorded on this application are true & correct. I support this application.
 Contractor's Name 73(2)Irrelevant Liaison Officer's Name: Lachlan Ryall
 Date: 17.12.2020 73(2)Irrelevant
 Date: 17/12/2020

I recommend this application and certify that the value of the equipment is correct.
 73(2)Irrelevant
Operations Co-ordinator (Shark Control Program):
 Date: 18.12.2020

Shark Control Program

Application to Write off LOST Equipment

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If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
 Use F11 key to tab between the different fields

Area CAIRNS **Date** 18.04.2020
Location Drumline 2 Ellis beach

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
18.04.20	16s Danforth Anchor	1	18.04.20	30.50
18.04.20	10mm D shackle	1	18.04.20	1.25
18.04.20	8mm Chain	10m	18.04.20	97.30
18.04.20	12mm Bow shackle	1	18.04.20	2.05
18.04.20	10mm Swivel	1	18.04.20	6.67
18.04.20	10mm Rope	12m	18.04.20	????

TOTAL \$137.77

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 If no, give a reason for not conducting a search: No

A search was not conducted due to the fact that it is on the bottom at D2's location, We may be able to recover it if the rope is floating on a lower tide.

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:
 Different circumstances during animal capture

XI certify that details recorded on this application are true & correct. I support this application.

Contractor's Name: 73(2)Irrelevant

District Manager/Officer/Liaison Officer's Name:

Date: Alex DICZBAUS

Date: 18.04.2020

23/04/20

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Chris Watts

Date: 23-04-2020

Application to Write off LOST Equipment

Shark Control Program

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If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
 Use F11 key to tab between the different fields

Area *Townsville* **Date** *10/04/2020*
Location Insert Location of where Equipment was lost from

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
10/04/2020	8kg Danforth Anchor	1	Alma Bay	30.50
10/04/2020	12mm D Shackle	1	Alma Bay	1.98
10/04/2020	12mm Rope	15m	Alma Bay	19.20
10/04/2020	10mm Chain	10m	Alma Bay	75.50
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$127.18

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 No
 If no, give a reason for not conducting a search:

Suspected reason for missing equipment - Equipment failure due to inclement weather
 Equipment failure
 Captured marine animal
 Vessel strike
 Theft
 Other

Comments: A3 buoy and trace recovered, anchor missing.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.
 Contractor's Name: *73(2)Irrelevant*
 Date: *10/04/2020*

I support this application.
 District Manager/Officer/Liaison Officer's Name: *73(2)Irrelevant*
Timothy Kusetic
 Date: *06/04/2020*

I recommend this application and certify that the value of the equipment is correct.
Operations Co-ordinator (Shark Control Program): Chris Watts
 Date: *15-04-2020*

Published on DAF
 Disclosure Log
 RTI Act 2009

Application to Write off LOST Equipment

Shark Control Program

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Use F11 key to tab between the different fields

Area *Townsville* **Date** *21/08/2020*
Location *Radical Bay, Drumline 27*

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
21/08/2020	A3 Buoy	1	Radical Bay	51.90
21/08/2020	5mm Chain	2m	Radical Bay	8.22
21/08/2020	10mm Chain	10m	Radical Bay	17.90
21/08/2020	8kg Danforth Anchor	1	Radical Bay	30.50
21/08/2020	12mm Shackle	1	Radical Bay	2.90
21/08/2020	10mm Shackle	2	Radical Bay	3.08
21/08/2020	6mm Shackle	2	Radical Bay	1.32
21/08/2020	6mm Swivel	1	Radical Bay	3.75
21/08/2020	12mm Rope	30m	Radical Bay	42.00
21/08/2020	SHE 10 Float	3	Radical Bay	15.20
21/08/2020	14/O Hook	1	Radical Bay	8.50
21/08/2020	12mm Nylon Thimble	1	Radical Bay	2.55
TOTAL				187.82

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

Suspected reason for missing equipment -

- Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name *73(2)Irrelevant*

Date: *21/08/2020*

I support this application.

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Timothy Kusetic

Date: *21/08/2020*

I recommend this application and certify that the value of the equipment is correct.

73(2)Irrelevant

Manager (Shark Control Program):

Date: *21/8/2020*

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Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area Townsville

Date 7/11/2020

Location Florence Bay

MARINE PARK ZONES

Marine Parks:

- General Use Zone (GUZ) (Light Blue)
 Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow)
 Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
7/11/2020	A3 Buoy	1	Florence Bay	51.90
7/11/2020	14/O Hook	1	Florence Bay	14.60
7/11/2020	8kg Danforth Anchor	1	Florence Bay	30.50
7/11/2020	SHE 10 Buoy	3	Florence Bay	14.40
7/11/2020	12mm Rope	35m	Florence Bay	44.80
7/11/2020	10mm Chain	10m	Florence Bay	139.70
7/11/2020	5mm Chain	2m	Florence Bay	8.22
7/11/2020	12mm D Shackle	1	Florence Bay	2.50
7/11/2020	10mm D Shackle	2	Florence Bay	2.70
7/11/2020	6mm D Shackle	2	Florence Bay	1.36
7/11/2020	6mm Swivel	1	Florence Bay	3.75
7/11/2020	12mm Nylon Thimble	1	Florence Bay	2.55
TOTAL				\$316.98

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.

- Yes
 No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Drumline 24 missing and replaced.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Date: 7/11/2020

Timothy Kusetic

Date: 09/11/2020

I recommend this application and certify that the value of the equipment is correct.

73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):

Date: 11/11/2020

Published on DAF
Disclosure Log
RTI Act 2009

Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area *Townsville*

Date *14/11/2020*

Location *Picnic Bay (Drumline 5)*

MARINE PARK ZONES

Marine Parks:

General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
14/11/2020	A3 Buoy	1	Picnic Bay	51.90
14/11/2020	14/O Hook	1	Picnic Bay	14.60
14/11/2020	8kg Danforth Anchor	1	Picnic Bay	30.50
14/11/2020	SHE 10 Buoy	3	Picnic Bay	4.80
14/11/2020	12mm Rope	20m	Picnic Bay	25.60
14/11/2020	10mm Chain	10m	Picnic Bay	89.50
14/11/2020	5mm Chain	2m	Picnic Bay	8.22
14/11/2020	12mm D Shackle	1	Picnic Bay	2.50
14/11/2020	10mm D Shackle	2	Picnic Bay	2.70
14/11/2020	6mm D Shackle	2	Picnic Bay	1.36
14/11/2020	6mm Swivel	1	Picnic Bay	3.75
14/11/2020	12mm Nylon Thimble	1	Picnic Bay	2.55
TOTAL				\$ 237.98

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.

If no, give a reason for not conducting a search:

Yes
 No

Suspected reason for missing equipment -

- Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments: Entire drumline missing – replaced.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Date: 14/11/2020

Timothy Kusetic
Date: 19/11/2020

I recommend this application and certify that the value of the equipment is correct.

73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):

Date: 20-11-2020

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Disclosure Log
RTI Act 2009

Application to Write off LOST Equipment

Shark Control Program

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If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
 Use F11 key to tab between the different fields

Area *Townsville* **Date** *26/12/2020*
Location *Picnic Bay & Nelly Bay*

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
26/12/2020	14/O Hook	4	Picnic & Nelly Bays	58.40
26/12/2020	10mm D Shackle	4	Picnic & Nelly Bays	5.40
26/12/2020	6mm D Shackle	4	Picnic & Nelly Bays	2.72
26/12/2020	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$ 66.22

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search: No hope of finding them.

Suspected reason for missing equipment -
 - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Hooks stolen from drumlines 4, 9, 10 & 11.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name: *73(2)Irrelevant*

Date: *26/12/2020*

I support this application.

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Timothy Kusetic
 Date: *04/01/2021*

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

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 Disclosure Log
 RTI Act 2009

Application to Write off LOST Equipment

Shark Control Program

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 Use F11 key to tab between the different fields

Area *Townsville* **Date** *20/02/2021*
Location Insert Location of where Equipme/nt was lost from

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
20/02/2021	A3 Buoy	1	Florence Bay	51.90
20/02/2021	14/O Hook	1	Florence Bay	14.60
20/02/2021	12mm Nylon Thimble	1	Florence Bay	2.55
20/02/2021	12mm Rope	35m	Florence Bay	44.80
20/02/2021	5mm Chain	2m	Florence Bay	8.22
20/02/2021	10mm Chain	10m	Florence Bay	17.90
20/02/2021	6mm Swivel	1	Florence Bay	3.75
20/02/2021	6mm D Shackle	2	Florence Bay	1.36
20/02/2021	10mm D Shackle	2	Florence Bay	2.70
20/02/2021	12mm D Shackle	1	Florence Bay	2.50
20/02/2021	8kg Danforth Anchor	1	Florence Bay	30.50
20/02/2021	20mm Hose	30cm	Florence Bay	
TOTAL				<i>Total \$ 180.78</i>

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

Suspected reason for missing equipment -

- Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments: Drum 25 - complete unit missing, no apparent reason. Hook was hung up bait.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.
 Contractor's Name: *73(2)Irrelevant*
 Date: *20/02/2021*

I support this application.
 District Manager/Officer/Liaison Officer's Name: *73(2)Irrelevant*
 Timothy Kusetic
 Date: *22/02/2021*

I recommend this application and certify that the value of the equipment is correct.
73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):
 Date: *24.02.2021*

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Shark Control Program

Application to Write off LOST Equipment

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If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area CAIRNS

Date 21.03.21

Location Holloways Beach

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
12.03.21	20lb Plough Anchor	1	Holloways Beach	69.73
12.03.21	10mm D shackle	1	Holloways Beach	1.35
12.03.21	8mm Chain	10M	Holloways Beach	69.80
12.03.21	12mm Bow shackle	1	Holloways Beach	2.90
12.03.21	10mm Swivel	1	Holloways Beach	7.46
TOTAL				\$ 151.24

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No

If no, give a reason for not conducting a search:

This Gear is not lost it's missing on location.

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

Use long tails and double tie knots when using new braided rope.

I certify that details recorded on this application are true & correct.

Contractor's Name: 73(2)Irrelevant

Date: 21.03.21

I support this application.

District Manager/Officer/Liaison Officer's Name:

Date:

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Sam Fary

Date: 24.03.2021

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RTI Act 2009

Application to Write off LOST Equipment

Shark Control Program

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If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area *Townsville*

Date

Location **Horseshoe Bay Drumline 33**

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
11/04/2021	A3 Buoy	1	Horseshoe Bay	51.90
11/04/2021	14/O Hook	1	Horseshoe Bay	14.60
11/04/2021	12mm Nylon Thimble	Number	Horseshoe Bay	2.55
11/04/2021	10mm D Shackle	1	Horseshoe Bay	1.35
11/04/2021	6mm D Shackle	2	Horseshoe Bay	1.36
11/04/2021	12mm Rope	2m	Horseshoe Bay	2.56
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$ 74.32

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Torpedo buoys covered in blue anti-foul. Dragged out of position. A3 buoy cut off.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name:

District Manager/Officer/Liaison Officer's Name:

Date: 11/04/2021

Timothy Kusetic
Date: 12/04/2021

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date: 14.04.2021

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Shark Control Program

Application to Write off LOST Equipment

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Use F11 key to tab between the different fields

Area *Townsville*

Date *20/04/2021*

Location *Picnic Bay Drumline 1*

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
20/04/2021	A3 Buoy	1	Picnic Bay	51.90
20/04/2021	14/O Hook	1	Picnic Bay	14.60
20/04/2021	12mm Nylon Thimble	1	Picnic Bay	2.55
20/04/2021	12mm Rope	20m	Picnic Bay	25.60
20/04/2021	5mm Chain	1m	Picnic Bay	4.11
20/04/2021	10mm Chain	10m	Picnic Bay	89.50
20/04/2021	6mm Swivel	1	Picnic Bay	3.75
20/04/2021	6mm D Shackle	2	Picnic Bay	1.36
20/04/2021	10mm D Shackle	2	Picnic Bay	2.70
20/04/2021	12mm D Shackle	1	Picnic Bay	2.50
20/04/2021	8kg Danforth Anchor	1	Picnic Bay	30.50
20/04/2021	20mm Hose	30cm	Picnic Bay	
TOTAL				\$ 229.07

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Complete drumline missing.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name: *73(2)Irrelevant*

Date: *20/04/2021*

I support this application.

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Timothy Kusetic

Date: *21/04/2021*

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

73(2)Irrelevant

Date: *06.09.2022*

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Application to Write off LOST Equipment

Shark Control Program

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Use F11 key to tab between the different fields

Area *Townsville*

Date *9/05/2021*

Location **Horseshoe Bay – Drumline 34**

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
9/05/2021	8kg Danforth Anchor	1	Horseshoe Bay	30.50
9/05/2021	10mm Chain	10m	Horseshoe Bay	139.70
9/05/2021	12mm Shackle	1	Horseshoe Bay	2.90
9/05/2021	12mm Rope	15m	Horseshoe Bay	19.20
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$ 192.30

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search: Under water items.

Suspected reason for missing equipment - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Boat strike by yacht Serenity, REGO 861993 Hobart.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name: *73(2)Irrelevant*

Date: *9/05/2021*

I support this application.

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Timothy Kusetic

Date: *19/05/2021*

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date: *26.05.2021*

73(2)Irrelevant

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Application to Write off LOST Equipment

Shark Control Program

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 Use F11 key to tab between the different fields

Area Townsville **Date** 2/06/2021
Location Picnic Bay

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
2/06/2021	8kg Danforth Anchor	1	Picnic Bay	30.50
2/06/2021	10mm Chain	10m	Picnic Bay	99.50
2/06/2021	12mm Shackle	1	Picnic Bay	2.50
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$132.50

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

Suspected reason for missing equipment -
 - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Drumline recovered from beach.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.
 Contractor's Name: 73(2)Irrelevant
 Date: 2/06/2021

I support this application.
 District Manager/Officer/Liaison Officer's Name: 73(2)Irrelevant
 Timothy Kusetic
 Date: 02/06/2021

I recommend this application and certify that the value of the equipment is correct.
 73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):
 Date: 03.06.2021

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Application to Write off LOST Equipment

Shark Control Program

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Use F11 key to tab between the different fields

Area *Townsville* **Date** *2/06/2021*
Location *The Strand*

Marine Parks:

MARINE PARK ZONES

General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
2/06/2021	A3 Buoy	1	The Strand	51.90
2/06/2021	14/O Hook	1	The Strand	14.60
2/06/2021	12mm D Shackle	1	The Strand	2.50
2/06/2021	10mm D Shackle	2	The Strand	2.70
2/06/2021	6mm D Shackle	2	The Strand	1.36
2/06/2021	6mm Swivel	1	The Strand	3.75
2/06/2021	8kg Danforth Anchor	1	The Strand	30.50
2/06/2021	10mm Chain	10m	The Strand	99.50
2/06/2021	5mm Chain	1m	The Strand	4.11
2/06/2021	12mm Rope	20m	The Strand	25.60
2/06/2021	12mm Nylon Thimble	1	The Strand	2.55
2/06/2021	20mm Hose	30cm	The Strand	??
TOTAL				\$239.07

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No

If no, give a reason for not conducting a search:

Suspected reason for missing equipment -

- Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name: *73(2)Irrelevant*

Date: *2/06/2021*

I support this application.

District Manager/Officer/Liaison Officer's Name:

73(2)Irrelevant

Timothy Kusetic
 Date: *02/06/2021*

I recommend this application and certify that the value of the equipment is correct.

73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):

Date: *03.06.2021*

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Application to Write off LOST Equipment

Shark Control Program

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Use F11 key to tab between the different fields

Area Townsville **Date** 5/06/2021
Location Picnic Bay

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
5/06/2021	A3 Buoy	1	Picnic Bay	51.90
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$51.90

Missing equipment check list
 An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes No
 If no, give a reason for not conducting a search:

Suspected reason for missing equipment -
 - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Vessel Force 5, 30943QB anchored on position of damaged drumline 1 Picnic Bay.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.
 Contractor's Name: 73(2)Irrelevant
 Date: 5/06/2021

I support this application.
 District Manager/Officer/Liaison Officer's Name: 73(2)Irrelevant
 Timothy Kusetic
 Date: 09/06/2021

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):
 73(2)Irrelevant
 Date: 10.06.2021

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Shark Control Program

Application to Write off LOST Equipment

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 Use F11 key to tab between the different fields

AREA	Townsville	Date	21/06/2022
Location	Florence Bay		
MARINE PARK ZONES			
MARINE PARKS:	<input type="checkbox"/> General Use Zone (GUZ) (Light Blue)	<input checked="" type="checkbox"/> Habitat Protection Zone (HPZ or GUB) (Dark Blue)	
	<input type="checkbox"/> Conservation Park (MNP A) Yellow	<input type="checkbox"/> Marine National Park (MNP B) (Green)	

Date	Description of Equipment	Tick ✓	Quantity	Beach	Value
	Alarms -Fumunda Whale F3				
	Alarms Fumunda Dolphin F10				
	Alarms Fumunda Dolphin specific F70				
	Anchor – Plough 20lb				
	Anchor – Plough 80lb				
	Anchor – Plough 100lb				
21/06/2022	Anchor – Danforth Sand 16s		1	Florence Bay	30.50
	Anchor – Danforth Sand 27s				
	Anchor – Danforth Sand 35s				
21/06/2022	Buoys – A3 Yellow		1	Florence Bay	51.90
	Buoys – A3 Red				
	Buoys – A3 White				
	Buoys – A5 Red				
	Chain – 6mm Regular Galv				
	Chain – 8mm Regular Galv				
	Chain – 8mm Grade L PWB				
	Chain – 10mm Grade L Titan				
21/06/2022	Chain – 10mm Regular Galv		10m	Florence Bay	109.20
	Floats – 360mm Orange Hard Plastic				
	Floats – 300mm Orange Hard				
21/06/2022	Floats – SHE-10		3	Florence Bay	9.50
	Float 15" Hard TF360A Eye-Eye				
	Float inflatable Buoy Polyform A3 470mm Yellow/Red				
	Hooks – Shark 14/0 4480DT 7.6mm				
	Hook – Circle 20/0 SS 5.5mm Wire				
	Hook – Circle 24/0 SS 6.5mm wire				
	Hook – 19/0 Mustad				
	Hook – 20/0 Circle				
	Hook – 12/0 4480DT 6.4mm				
	Leads 330g				
	Complete 3 panel net setup				
	Complete 2 panel net setup				
	Complete Net drumline and set up				
21/06/2022	Rope – 12mm Green Black fleck Rope		35m	Florence Bay	30.80
	Rope – 16mm Braided				

Date	Description of Equipment	Tick ✓	Quantity	Beach	Value \$
	Rope – 16mm Yellow Cross Braid Danline UV stabilised				
	Rope – 12mm Cross Braid Danline UV stabilised				
	Rope – 16mm White Lankhorst				
	Rope – 10mm Double Braid Rope Coloured				
	Rope – 10mm Double Braid White with Fleck				
	Rope – 10mm Double Braid Coloured				
	Shackles – 6mm Bow Galv				
	Shackles – 8mm Bow Galv				
	Shackles – 10mm Bow Galv				
	Shackles – 12mm Bow Galv				
	Shackles – 16mm Bow Galv				
	Shackles – 6mm Bow S/Steel				
	Shackles – 8mm Bow S/Steel				
	Shackles – 10mm Bow S/Steel				
	Shackles – 12mm Bow S/Steel				
	Shackles – 16mm Bow S/Steel				
	Shackles – 5mm D S/Steel				
	Shackles – 6mm D S/Steel				
	Shackles – 8mm D S/Steel				
	Shackles – 10mm D S/Steel				
	Shackles – 12mm D S/Steel				
	Shackles – 16mm D S/Steel				
21/06/2022	Shackle – 6mm D Galv		2	Florence bay	2.00
	Shackle – 8mm D Galv				
21/06/2022	Shackle – 10mm D Galv		2	Florence Bay	3.90
21/06/2022	Shackle – 12mm D Galv		1	Florence Bay	3.20
	Shackle – 16mm D Galv				
	Swivels – 6mm Galv Tested WLL 0.4T				
	Swivel – 6.5mm Bow Galv				
	Swivel – 8mm Tested WLL 0.56T				
	Swivel – 10mm Tested 1t				
	Swivel – 12mm Tested 1.6t				
	Swivel – 16mm Tested 2.3t				
	Swivel – 6mm S/Steel Eye-Eye				
	Swivel – 8mm S/Steel Eye/Eye				
	Swivel – 10mm S/Steel Eye/Eye				
	Thimbles – 12mm Aus Std Galv				
	Thimbles – 14mm Aus Std Galv				
	Thimbles – 16mm Aug Std Galv				
21/06/2022	Thimbles – Nylon 12mm		1	Florence Bay	9.20
	Thimbles 12mm S/Steel H/Duty RM35HD				
					TOTAL
					\$250.20

Missing equipment check list

An at sea search conducted for the missing equipment over a 5km radius from the known position of the missing item. X Yes
□ No

Suspected reason for missing equipment - Equipment failure due to inclement weather □
Equipment failure □
Captured marine animal □
Vessel strike X
Theft □
Other □

Comments:

Manager SCP notified immediately the equipment was noticed missing ✓

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true and correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

Date: 21/06/2022

Liaison Officer's Name: 73(2)Irrelevant

Date: 22-06-22

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

73(2)Irrelevant

Date:

Shark Control Program

Application to Write off LOST Equipment

This form is to be submitted on a daily basis when equipment is lost. If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area CAIRNS

Date 21/10/21

Location Buchans Beach D/L 8

MARINE PARK ZONES

Marine Parks: X General Use Zone (GUZ) (Light Blue)
□ Conservation Park (MNP A) (Yellow)
□ Habitat Protection Zone (HPZ or GUB) (Dark Blue)
□ Marine National Park (MNP B) (Green)

Table with 5 columns: Date, Description of Equipment (if nets, state serial numbers), Quantity, Beach, \$ Value (Office use only). Rows include items like A3 Buoy, SHE 10 Float, 10mm Rope, etc., with a total value of \$84.66.

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. X Yes
□ No

Suspected reason for missing equipment - Equipment failure due to inclement weather □
- Equipment failure □
- Captured marine animal □
- Vessel strike X
- Theft X
- Other □

Comments: Very clean cut on rope, indicates knife cut or prop cut, no sign of any entanglement.

Manager SCP notified immediately the equipment was noticed missing Y

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

X I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

Liaison Officer's Name: B. uit den Bogaard

Date: 21/10/21

Date: 26.10.21

I recommend this application and certify that the value of the equipment is correct.

73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):

Date: 08-11-2021



Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost. **If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.**

Use F11 key to tab between the different fields

Area: Townsville

Date: 22/07/2020

Location: Insert Location of where Equipment was lost from

MARINE PARK ZONES

Marine Parks:

- General Use Zone (GUZ) (Light Blue)
- Habitat Protection Zone (HPZ or GUB) (Dark Blue)
- Conservation Park (MNP A) (Yellow)
- Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
22/07/2020	A3 Buoy	1	Radical Bay	51.90
22/07/2020	5mm Chain	2m	Radical Bay	8.22
22/07/2020	10mm Chain	10m	Radical Bay	89.50
22/07/2020	8kg Danforth Anchor	1	Radical Bay	30.50
22/07/2020	12mm Shackle	1	Radical Bay	2.90
22/07/2020	10mm Shackle	2	Radical Bay	1.54
22/07/2020	6mm Shackle	2	Radical Bay	0.66
22/07/2020	6mm Swivel	1	Radical Bay	3.75
22/07/2020	12mm Rope	30m	Radical Bay	1.66
22/07/2020	SHE 10 Float	3	Radical Bay	14.40
22/07/2020	14/O Hook	1	Radical Bay	8.50
22/07/2020	12mm Nylon Thimble	1	Radical Bay	2.55
TOTAL				\$216.08

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.

Yes
 No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

Published on DAF
Disclosure Log
RTI Act 2009

I certify that details recorded on this application are true & correct.

Contractor's Name: 73(2)Irrelevant

Date: 22/07/2020

I support this application.

District Manager/Officer/Liaison Officer's Name:

Timothy Kusetic
Date: 22/07/2020

73(2)Irrelevant

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Chris Watts

Date: 23-07-2020



Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area North Stradbroke Island
Location

Date 30/09/2020

MARINE PARK ZONES

Marine Parks:

- General Use Zone (GUZ) (Light Blue)
- Conservation Park (MNP A) (Yellow)
- Habitat Protection Zone (HPZ or GUB) (Dark Blue)
- Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
30/09/2020	16 mm rope	150 mtr	Various	172.50
30/09/2020	14/0 hooks	20	Various	292.00
30/09/2020	10mm Gal chain	40 mtrs	Various	358.00
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$822.50

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.

- Yes
- No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment - Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments: equipment at end of its safe use.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

Published on DAF
Disclosure Log
RTI Act 2009

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant
Date: 30/9/2020

District Manager/Officer/Liaison Officer's Name:
73(2)Irrelevant
Brendan Burmeister
Date: 14.10.2020

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.
Use F11 key to tab between the different fields

Area *Rainbow Beach*

Date *30/09/2020*

Location

MARINE PARK ZONES

Marine Parks:

- General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
30/09/2020	16 mm rope	200 mtr	Various	230.00
30/09/2020	14/0 hooks	20	Various	292.00
30/09/2020	10mm Gal chain	30 mtrs	Various	268.50
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$790.50

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: equipment at end of its safe use.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

73(2)Irrelevant

Contractor's Name: 73(2)Irrelevant
Date: 30/9/2020

District Manager/Officer/Liaison Officer's Name:
Date: Ben Akers SLO Noosa
19-11-20

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Sam Fary

Date: 5/11/2020



Shark Control Program

Application to Write off LOST Equipment

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area: Sunshine Coast
Location:

Date: 30/09/2020

MARINE PARK ZONES

Marine Parks: General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
30/09/2020	16 mm rope	250 mtr	Various	287.50
30/09/2020	14/0 hooks	20	Various	292.00
30/09/2020	10mm Gal chain	50 mtrs	Various	447.50
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				\$1027.00

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.

Yes
 No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: equipment at end of its safe use.

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant
Date: 30/9/2020

District Manager/Officer/Liaison Officer's Name:

Date:

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program): Sam Fary

Date: 07-10-2020



Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area Cairns

Date 31.07.2020

Location Drumline 36 Holloways beach

MARINE PARK ZONES

Marine Parks:

- General Use Zone (GUZ) (Light Blue)
- Habitat Protection Zone (HPZ or GUB) (Dark Blue)
- Conservation Park (MNP A) (Yellow)
- Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
31.07.2020	14/0 Hook	1	Holloways Beach	8.50
31.07.2020	8mm D shackles	2	Holloways Beach	2.18
31.07.2020	6mm Swivel	1	Holloways Beach	3.75
31.07.2020	6mm Chain trace	1.5m	Holloways Beach	7.43
31.07.2020	10mm Rope	15m	Holloways Beach	Old stock
31.07.2020	SHE Floats	2	Holloways Beach	9.60
31.07.2020	A3 Buoy	1	Holloways Beach	51.90
31.07.2020	10mm Swivel	1	Holloways Beach	7.46
31.07.2020	12mm Bow shackle	1	Holloways Beach	2.90
31.07.2020	8mm Chain	10m	Holloways Beach	69.80
31.07.2020	10mm D shackle	1	Holloways Beach	1.35
31.07.2020	16s Danforth anchor	1	Holloways Beach	30.50

TOTAL \$195.27

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 If no, give a reason for not conducting a search: Yes

- Suspected reason for missing equipment - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: It's a possibility a shark was caught and punctured the A3 buoy and is still at the site as a slick was sighted. A drag will be done tomorrow.

Manager SCP notified immediately the equipment was noticed missing Yes

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident: It's hard to mitigate against recurrence of a sharks behavior.

I certify that details recorded on this application are true & correct.

Contractor's Name: 73(2)Irrelevant

Date: 31.07.2020

I support this application.

Liaison Officer's Name: Lachlan Ryall

Date: 6/8/2020

73(2)Irrelevant

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date: 09-09-2020



Shark Control Program

Application to Write off LOST Equipment

This form is to be submitted on a daily basis when equipment is lost.

If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area North Stradbroke Island

Date 31/08/2020

Location

MARINE PARK ZONES

- Marine Parks:** General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
30/08/2020	16 mm rope	250 mtr	Various	Price 287.50
30/-8/2020	14/0 hooks	20	Various	Price 170.00
30/08/2020	10mm Gal chain	150 mtrs	Various	Price 2095.50
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
Date	Description	Number	Beach	Price
TOTAL				<i>Total</i> \$2095.50

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 If no, give a reason for not conducting a search: No

- Suspected reason for missing equipment - Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments: Gear was not missing but was at the end of its safe use buy date

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

I certify that details recorded on this application are true & correct.

Contractor's Name: Date: 30/08/2020

I support this application.

District Manager/Officer/Liaison Officer's Name: Date: 31-08-2020

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):
Date: 09-09-2020



Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area Cairns **Date**
Location D 30 Yorkeys Knob

MARINE PARK ZONES

Marine Parks:
 General Use Zone (GUZ) (Light Blue) Habitat Protection Zone (HPZ or GUB) (Dark Blue)
 Conservation Park (MNP A) (Yellow) Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
28.05.21	10mm Rope	3m	Yorkeys Knob	No longer used
28.05.21	SHE 10 float	1	Yorkeys Knob	4.80
28.05.21	A3 Buoy	1	Yorkeys Knob	51.90
28.05.21	6mm Chain	1.5m	Yorkeys Knob	7.44
28.05.21	14/0 hook	1	Yorkeys Knob	14.60
28.05.21	8mm D shackles	2	Yorkeys Knob	2.18
28.05.21	6mm Swivel	1	Yorkeys Knob	3.75
TOTAL				\$84.67

Missing equipment check list

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item. Yes
 No

If no, give a reason for not conducting a search:

Suspected reason for missing equipment -

- Equipment failure due to inclement weather
- Equipment failure
- Captured marine animal
- Vessel strike
- Theft
- Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

Published on DAF
Disclosure Log
RTI Act 2009

X I certify that details recorded on this application are true & correct.

I support this application.

Contractor's Name: 73(2)Irrelevant

Liaison Officer's Name: B. UIT DEN BOGAARD

Date: 28.05.21

Date: 03.06.2021

I recommend this application and certify that the value of the equipment is correct.

73(2)Irrelevant

Operations Co-ordinator (Shark Control Program):

Date: 03.06.2021



Queensland Government

Application to Write off LOST Equipment

Shark Control Program

This form is to be submitted on a daily basis when equipment is lost.
If equipment is lost in a Marine Park this form MUST be submitted by the end of the at sea service to the Shark Liaison Officer and the Manager SCP.

Use F11 key to tab between the different fields

Area Capricorn Coast

Date 27/04/2022

Location

MARINE PARK ZONES

Marine Parks:

- General Use Zone (GUZ) (Light Blue)
- Conservation Park (MNP A) (Yellow)
- Habitat Protection Zone (HPZ or GUB) (Dark Blue)
- Marine National Park (MNP B) (Green)

Date	Description of Equipment (if nets, state serial numbers)	Quantity	Beach	\$ Value (Office use only)
27/04/2022	16lb danforth anchor	2	Emu Park	61.00
	10mm anchor chain	20m		353.10
	SS thimble	4		36.80
	SS 10mm bow shackle	4		23.20
	SS 8mm bow shackle	2		7.60
	12mm rope	28m		39.20
TOTAL				<i>Total</i>

Missing equipment check list

\$520.30

An at sea search conducted for the missing equipment over a 5 km radius from the known position of the missing item.

- Yes
- No

If no, give a reason for not conducting a search:

- Suspected reason for missing equipment -
- Equipment failure due to inclement weather
 - Equipment failure
 - Captured marine animal
 - Vessel strike
 - Theft
 - Other

Comments:

Manager SCP notified immediately the equipment was noticed missing

Measures taken or proposed to prevent or mitigate against the recurrence of such an incident:

Published on DAF
Disclosure Log
RTI Act 2009

I certify that details recorded on this application are true & correct.

Contractor's Name:

Date: 27/04/2022

I support this application.

District Manager/Officer/Liaison Officer's Name:

Date:

I recommend this application and certify that the value of the equipment is correct.

Operations Co-ordinator (Shark Control Program):

Date:

Published on DAF
Disclosure Log
RTI Act 2009

APPENDIX D – RTI 21-383 + RTI 21-240

The documents from and RTI 21-383 and RTI 21-240 are too lengthy to include but can be accessed at the below links.

RTI 21-383: https://www.daf.qld.gov.au/_data/assets/pdf_file/0011/1786052/21-383a.pdf

RTI 21-240: https://www.daf.qld.gov.au/_data/assets/pdf_file/0010/1672912/21-240.pdf

APPENDIX E – QTON 2021
ESTIMATES HEARING

APPENDIX F – MAP OF QSCP
GEAR LOCATIONS

APPENDIX E – QTON 2021 ESTIMATE HEARING

State Development and Regional Industries Committee

2021 ESTIMATES HEARING

QUESTION TAKEN ON NOTICE

THE HONOURABLE MICHAEL BERKMAN MP, MEMBER FOR MAIWAR, ASKED THE DIRECTOR-GENERAL, DEPARTMENT OF AGRICULTURE AND FISHERIES:

QUESTION:

Director-General, can you advise how many non-fatal shark bites have occurred at Queensland beaches that have drum lines or shark nets in place each year since they were implemented?

ANSWER:

I thank the member for the question.

Successive Governments have recognised the vital role the Shark Control Program plays in protecting locals and tourists at 86 of Queensland's most popular beaches.

Government always puts human life and safety first.

The Department of Agriculture and Fisheries does not specifically collect data on shark bites.

However, a recent internal report commissioned by the Department of Agriculture and Fisheries included analysis of data from the Global Shark Attack File for unprovoked shark bites in Queensland.

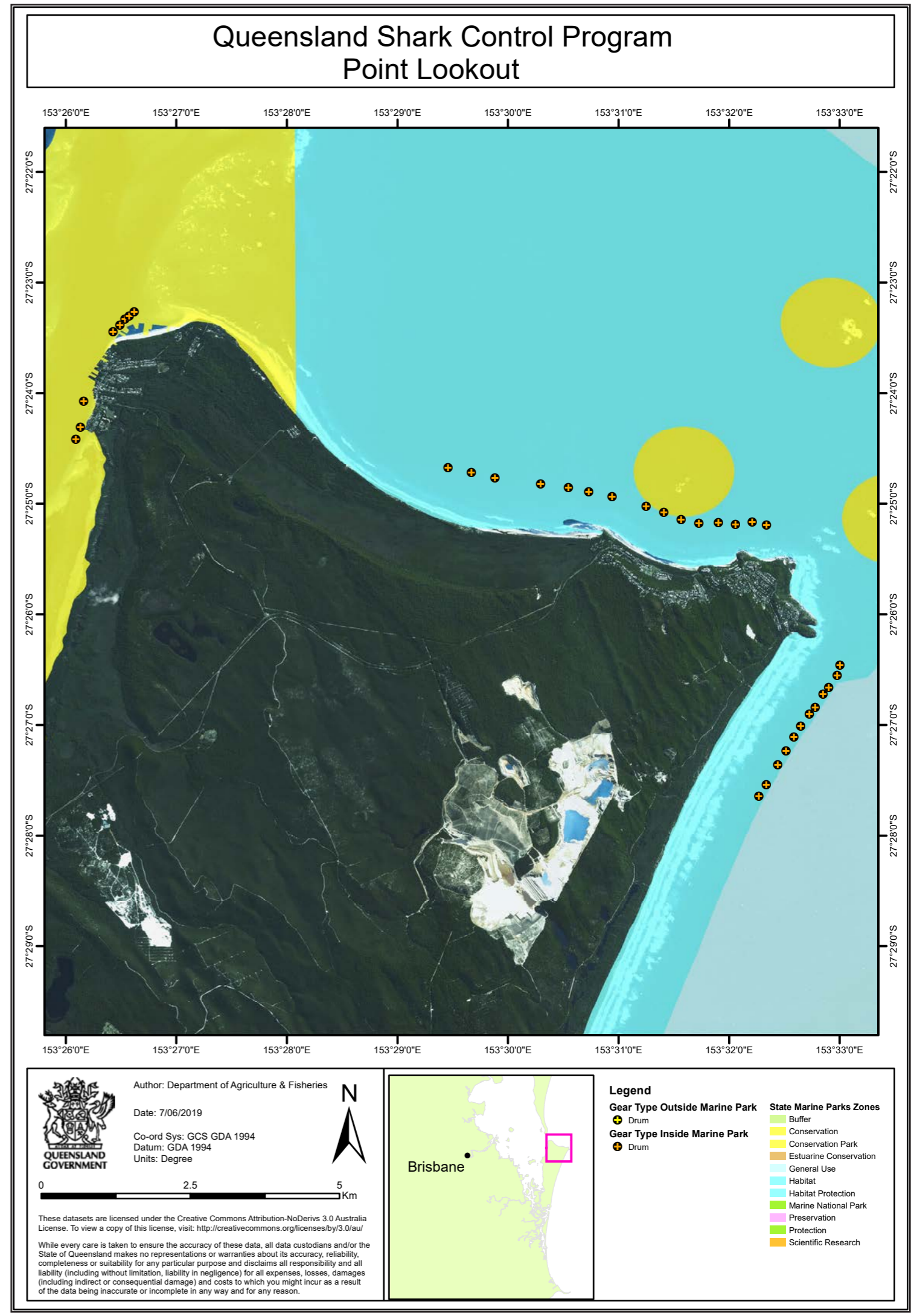
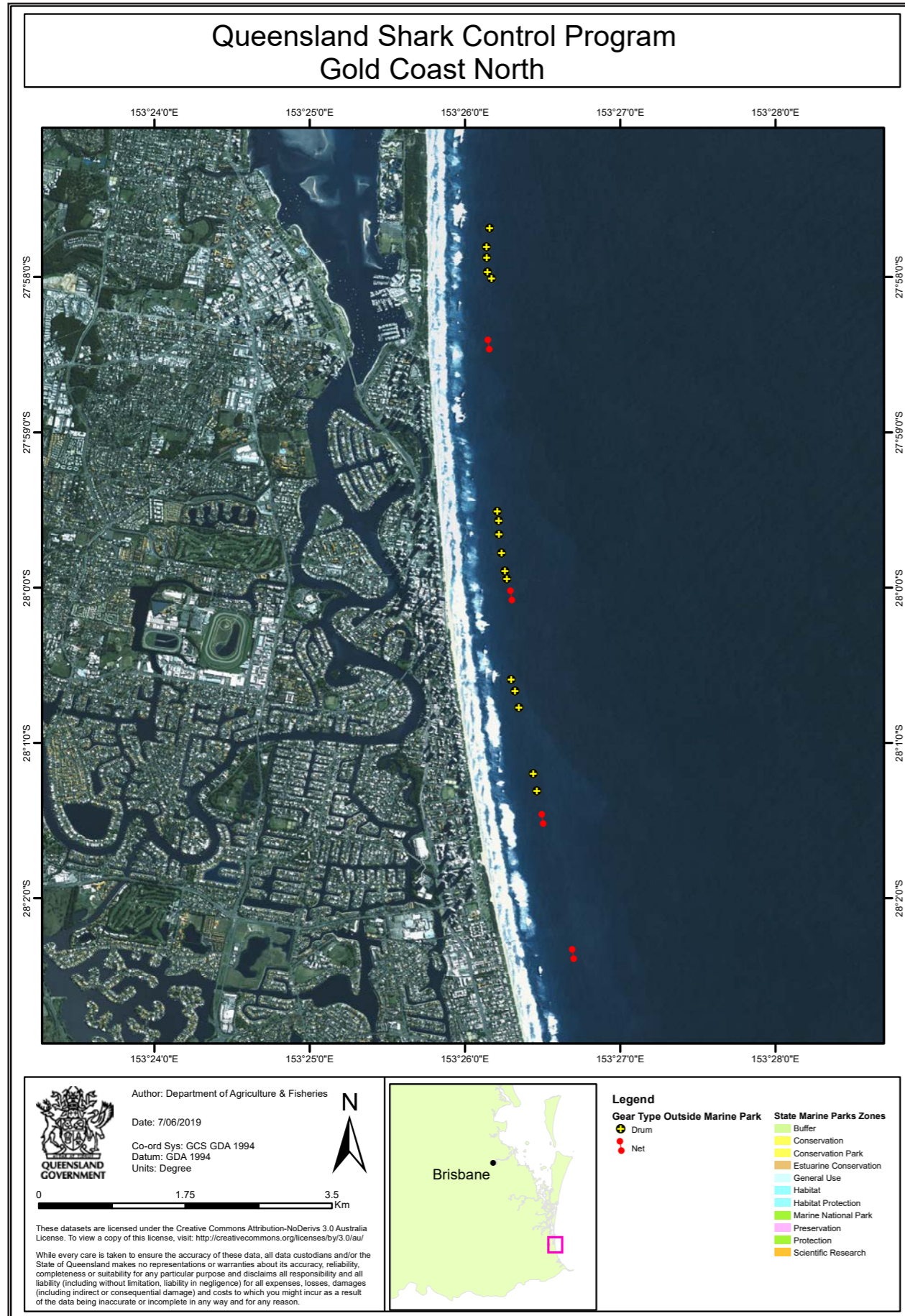
The report found that there are 190 records in the Global Shark Attack File of unprovoked shark bites on the Queensland East Coast between 1847 and 2019, of which 48 (25%) were fatal.

The report also found that for the period from 1962 (the commencement of the Shark Control Program) to 2019:

- 21 non-fatal unprovoked shark bites occurred at Queensland beaches *with* Shark Control Program nets and drumlines; and
- 54 non-fatal unprovoked shark bites occurred at Queensland beaches *without* Shark Control Program nets and drumlines.
- 1 fatal unprovoked shark bite occurred at a Queensland beach *with* Shark Control Program nets and drumlines; and
- 8 fatal unprovoked shark bites occurred at Queensland beaches *without* Shark Control Program nets and drumlines.

It is noted that the report did not examine incidents of provoked shark bites (for example, bites that occurred while fishing or spearfishing, etc).

APPENDIX F – MAPS OF QSCP GEAR LOCATIONS





Queensland Shark Control Program Rainbow Beach

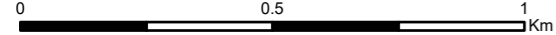
153°5'0"E 153°5'30"E 153°6'0"E



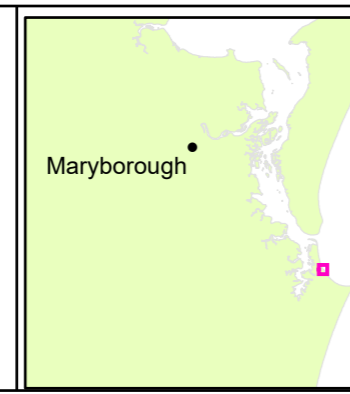
153°5'0"E 153°5'30"E 153°6'0"E


 Author: Department of Agriculture & Fisheries
 Date: 7/06/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
 Units: Degree





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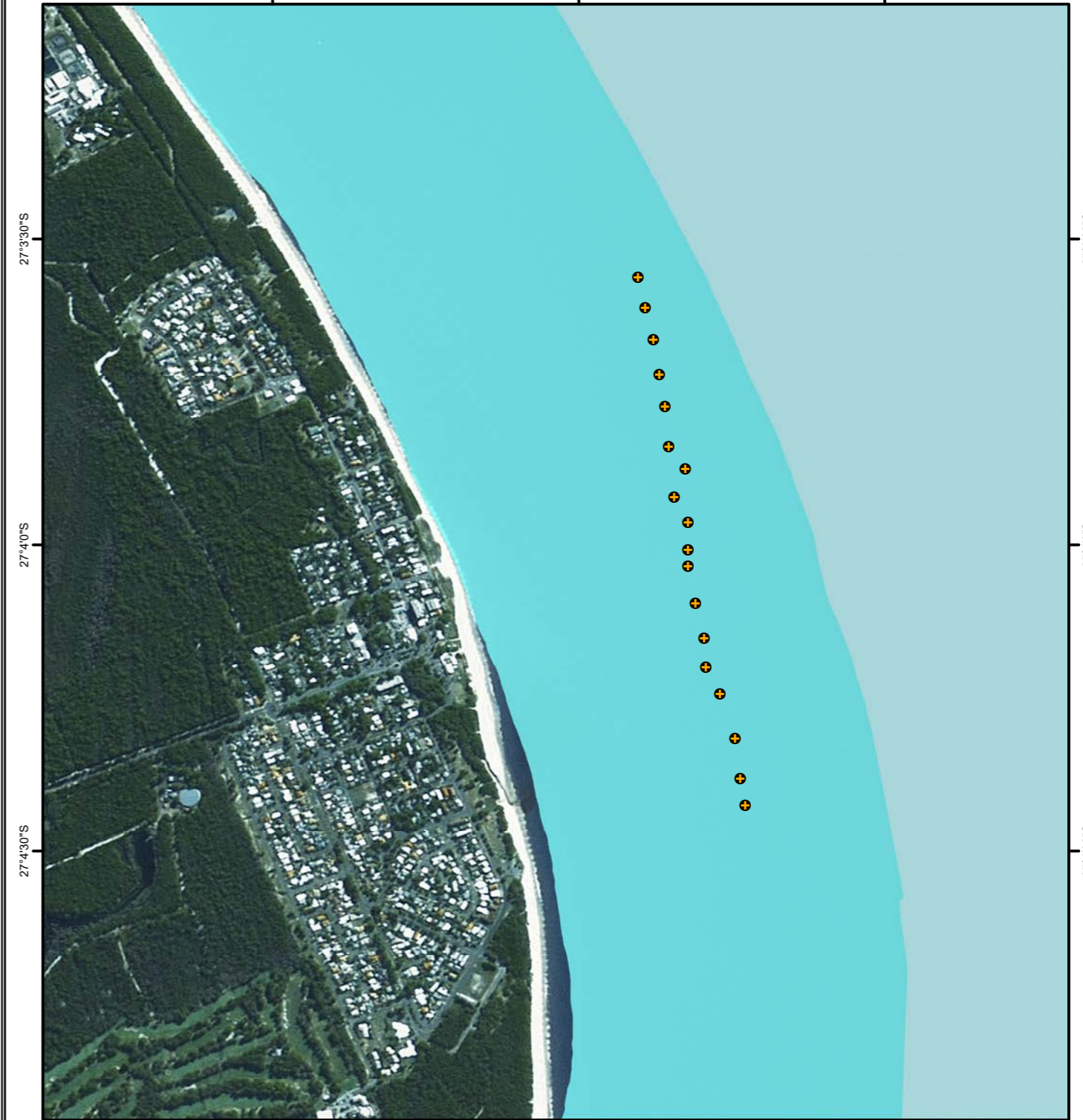


Legend


Gear Type Inside Marine Park	State Marine Parks Zones
● Drum	Buffer
● Net	Conservation Park
	Estuarine Conservation
	General Use
	Habitat
	Habitat Protection
	Marine National Park
	Preservation
	Protection
	Scientific Research


Queensland Shark Control Program Sunshine Coast - Bribie Island


153°12'0"E 153°12'30"E 153°13'0"E



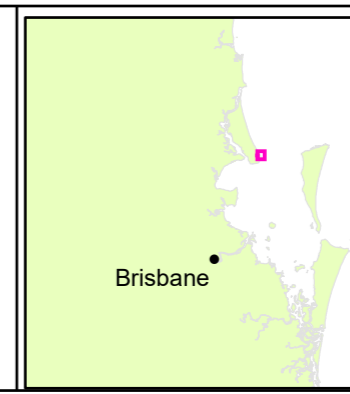
153°12'0"E 153°12'30"E 153°13'0"E


 Author: Department of Agriculture & Fisheries
 Date: 7/06/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
 Units: Degree





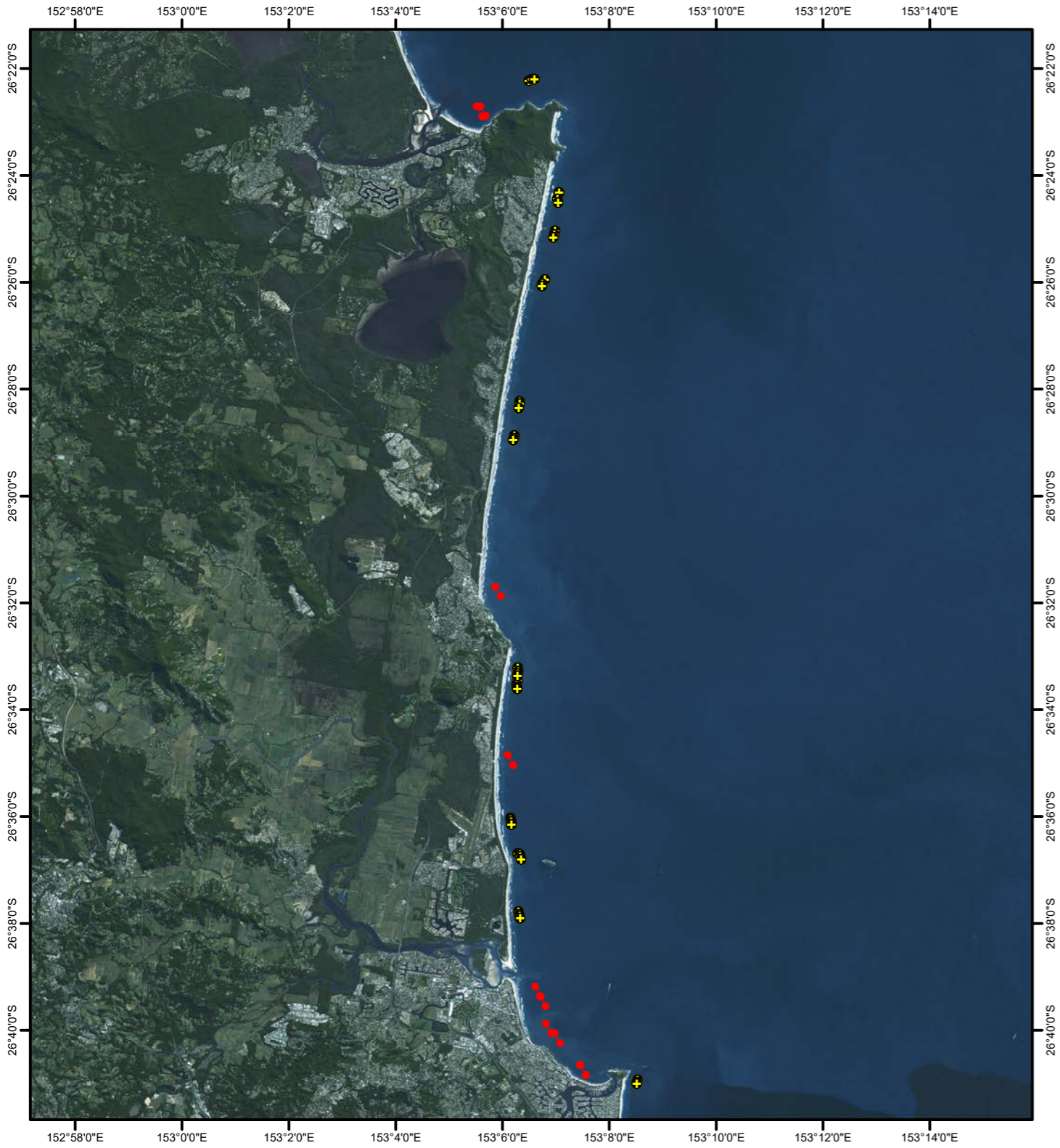
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Legend

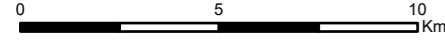
Gear Type Inside Marine Park	State Marine Parks Zones
● Drum	Buffer
	Conservation Park
	Estuarine Conservation
	General Use
	Habitat
	Habitat Protection
	Marine National Park
	Preservation
	Protection
	Scientific Research

Queensland Shark Control Program Sunshine Coast North



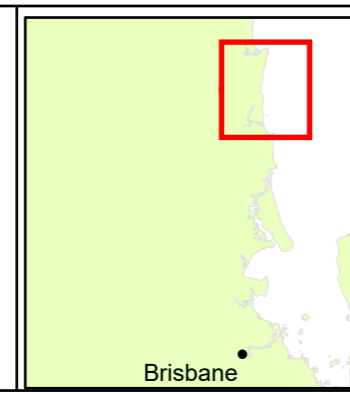

 Author: Department of Agriculture & Fisheries
 Date: 7/06/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
 Units: Degree

















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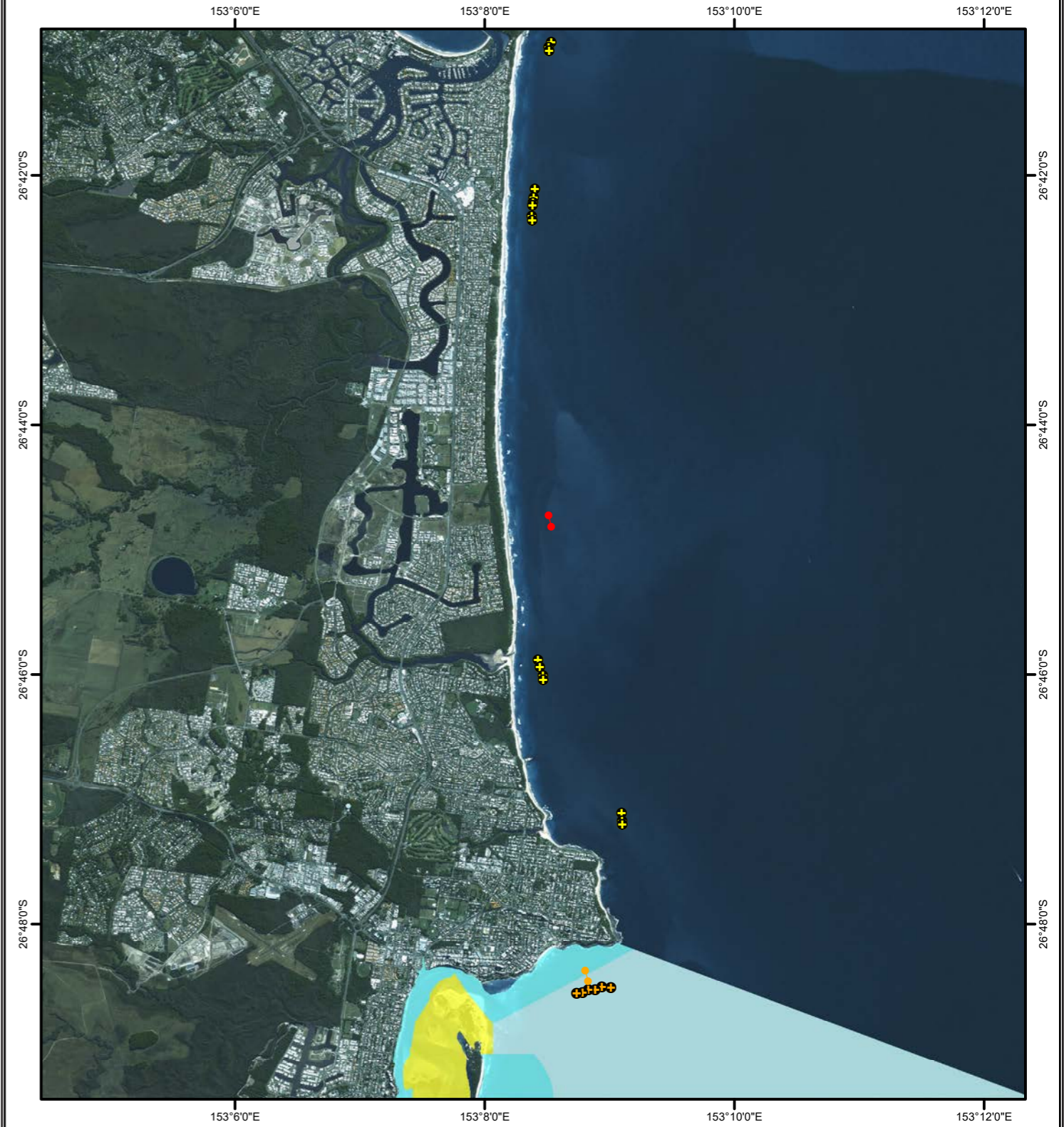



Legend


 NorthStrady
Gear Type Outside Marine Park
 Drum
 Net

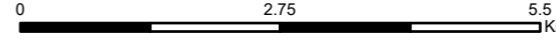
State Marine Parks Zones
 Buffer
 Conservation
 Estuarine Conservation
 General Use
 Habitat
 Habitat Protection
 Marine National Park
 Preservation
 Protection
 Scientific Research

Queensland Shark Control Program Sunshine Coast South



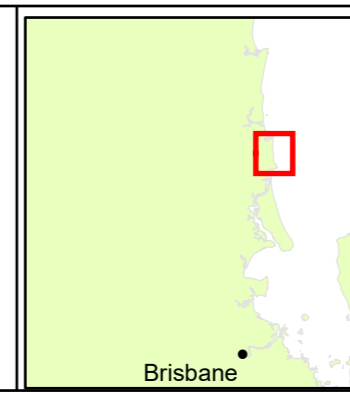

 Author: Department of Agriculture & Fisheries
 Date: 4/06/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
 Units: Degree










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






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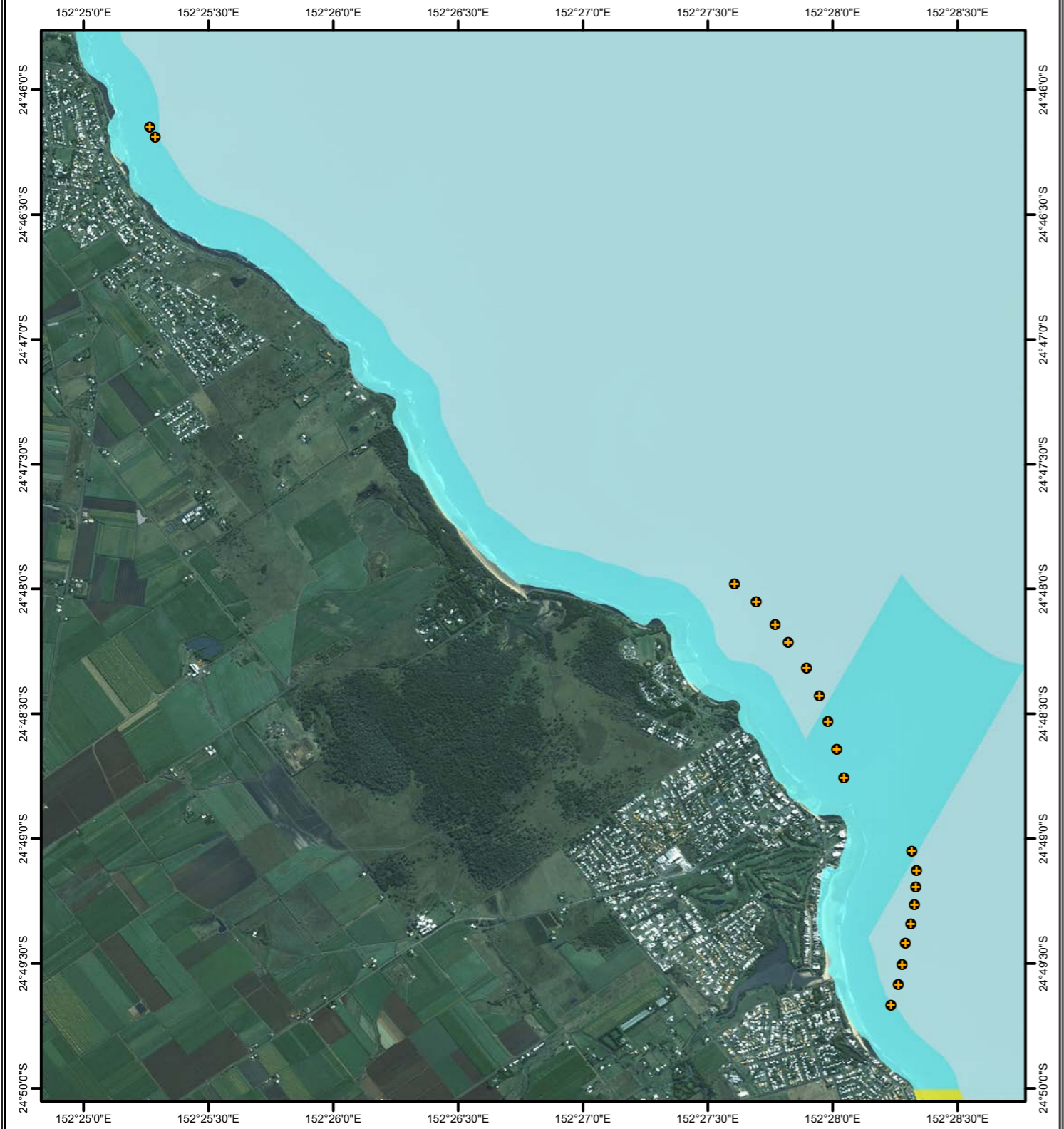
Legend


 NorthStrady
Gear Type Outside Marine Park
 Drum
 Net


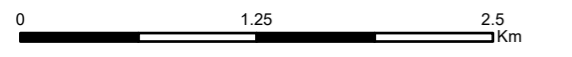
Gear Type Inside Marine Park
 Drum
 Net

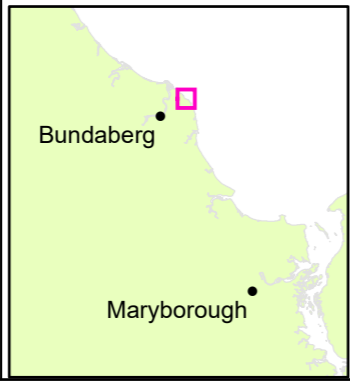
State Marine Parks Zones
 Buffer
 Conservation
 Estuarine Conservation
 General Use
 Habitat
 Habitat Protection
 Marine National Park
 Preservation
 Protection
 Scientific Research

Queensland Shark Control Program Woongarra Coast (Bundaberg)




 Author: Department of Agriculture & Fisheries
 Date: 7/06/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
 Units: Degree

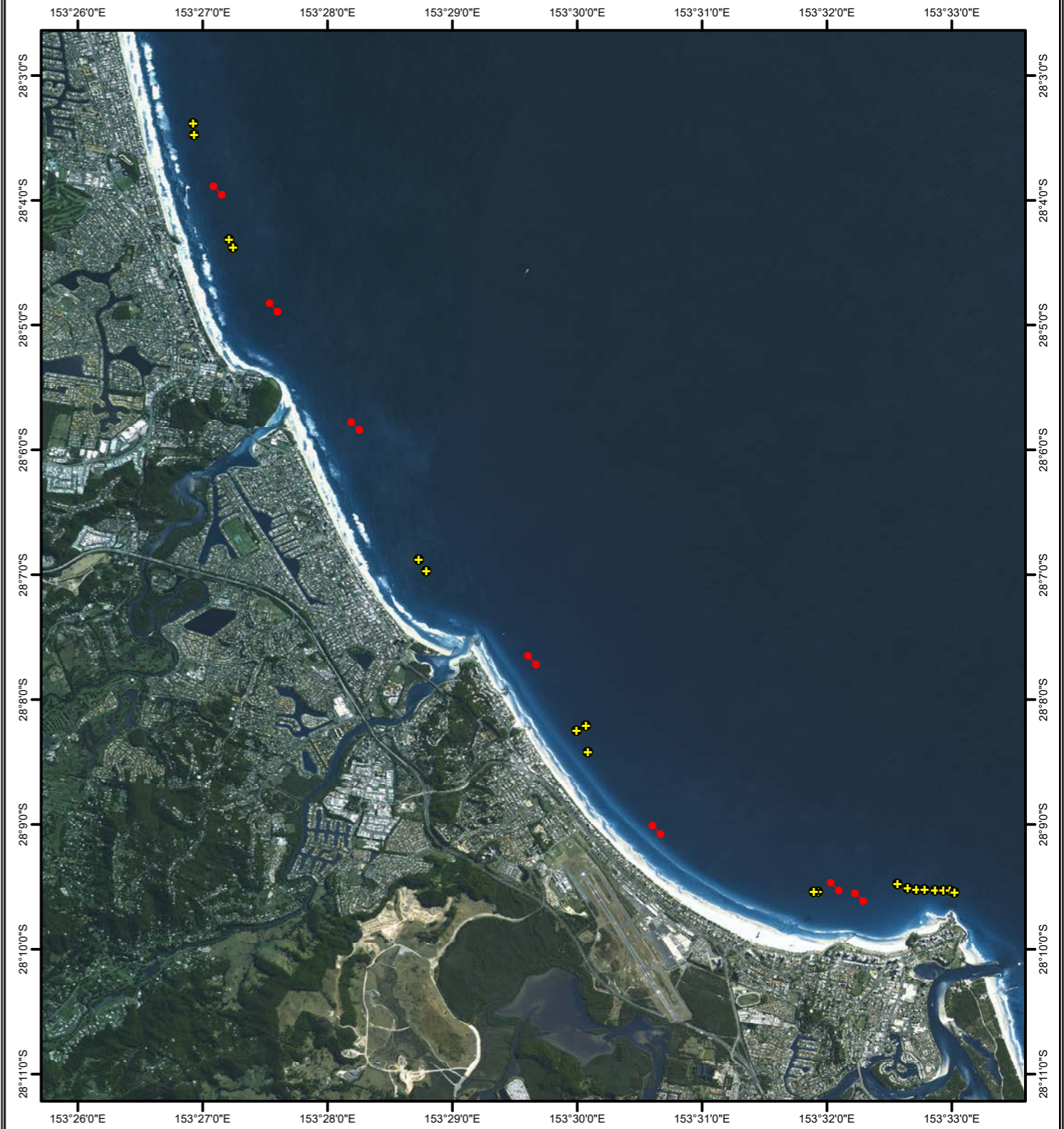







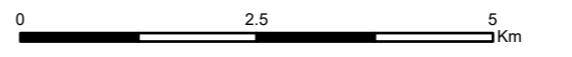
- Legend**
- | | |
|--------------------------------------|---------------------------------|
| Gear Type Outside Marine Park | State Marine Parks Zones |
| ⊕ Drum | Buffer |
| ⊕ Drum | Conservation |
| ⊕ Drum | Conservation Park |
| ⊕ Drum | Estuarine Conservation |
| ⊕ Drum | General Use |
| ⊕ Drum | Habitat |
| ⊕ Drum | Habitat Protection |
| ⊕ Drum | Marine National Park |
| ⊕ Drum | Preservation |
| ⊕ Drum | Protection |
| ⊕ Drum | Scientific Research |

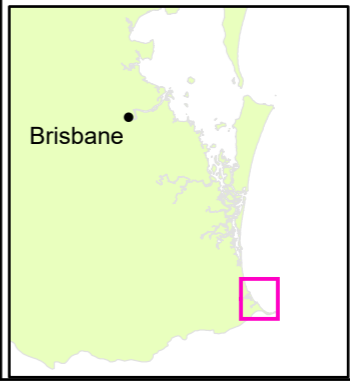
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Queensland Shark Control Program Gold Coast South




 Author: Department of Agriculture & Fisheries
 Date: 7/06/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
 Units: Degree




- Legend**
- | | |
|--------------------------------------|---------------------------------|
| Gear Type Outside Marine Park | State Marine Parks Zones |
| ⊕ Drum | Buffer |
| ⊕ Drum | Conservation |
| ⊕ Drum | Conservation Park |
| ⊕ Drum | Estuarine Conservation |
| ⊕ Drum | General Use |
| ⊕ Drum | Habitat |
| ⊕ Drum | Habitat Protection |
| ⊕ Drum | Marine National Park |
| ⊕ Drum | Preservation |
| ⊕ Drum | Protection |
| ⊕ Drum | Scientific Research |


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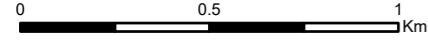
Queensland Shark Control Program Tannum Sands

151°22'0"E 151°22'30"E 151°23'0"E 151°23'30"E



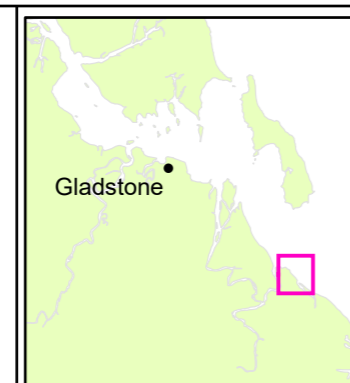

 Author: Department of Agriculture & Fisheries
 Date: 24/10/2019
 Co-ord Sys: GCS GDA 1994
 Datum: GDA 1994
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Legend

Gear Type Outside State Marine Park

- Drum

Gear Type Inside State Marine Park

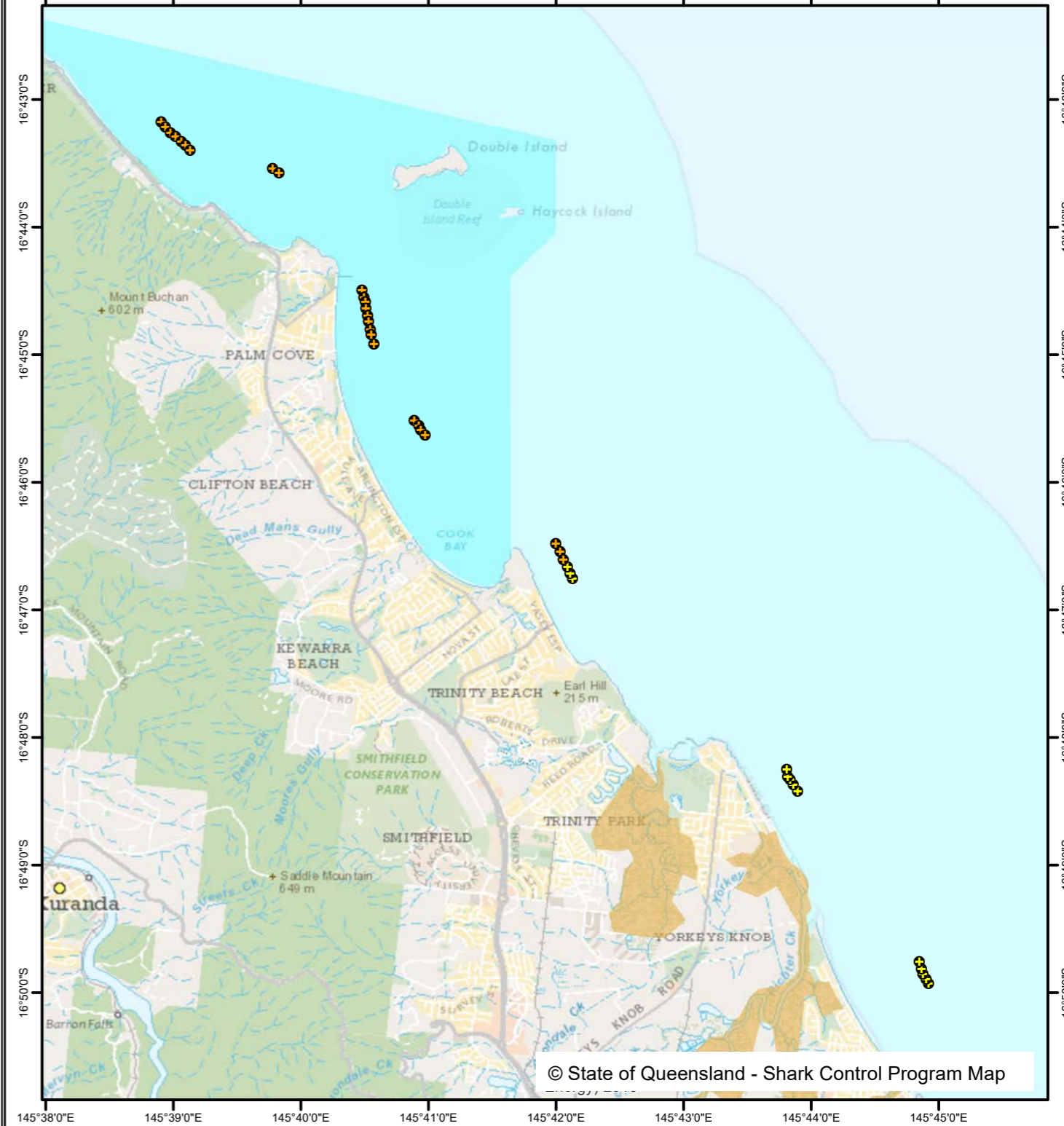
- Drum


State Marine Parks Zones


- General Use
- Habitat Protection
- Conservation Park
- Buffer
- Scientific Research
- Marine National Park
- Preservation
- Estuarine Conservation

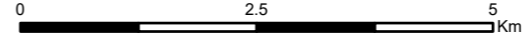
Queensland Shark Control Program Cairns

145°38'0"E 145°39'0"E 145°40'0"E 145°41'0"E 145°42'0"E 145°43'0"E 145°44'0"E 145°45'0"E



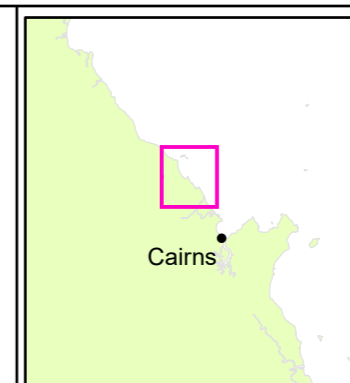

 Author: Department of Agriculture & Fisheries
 Date: 8/02/2020
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Legend

Gear Inside GBRMP

- Drumlines

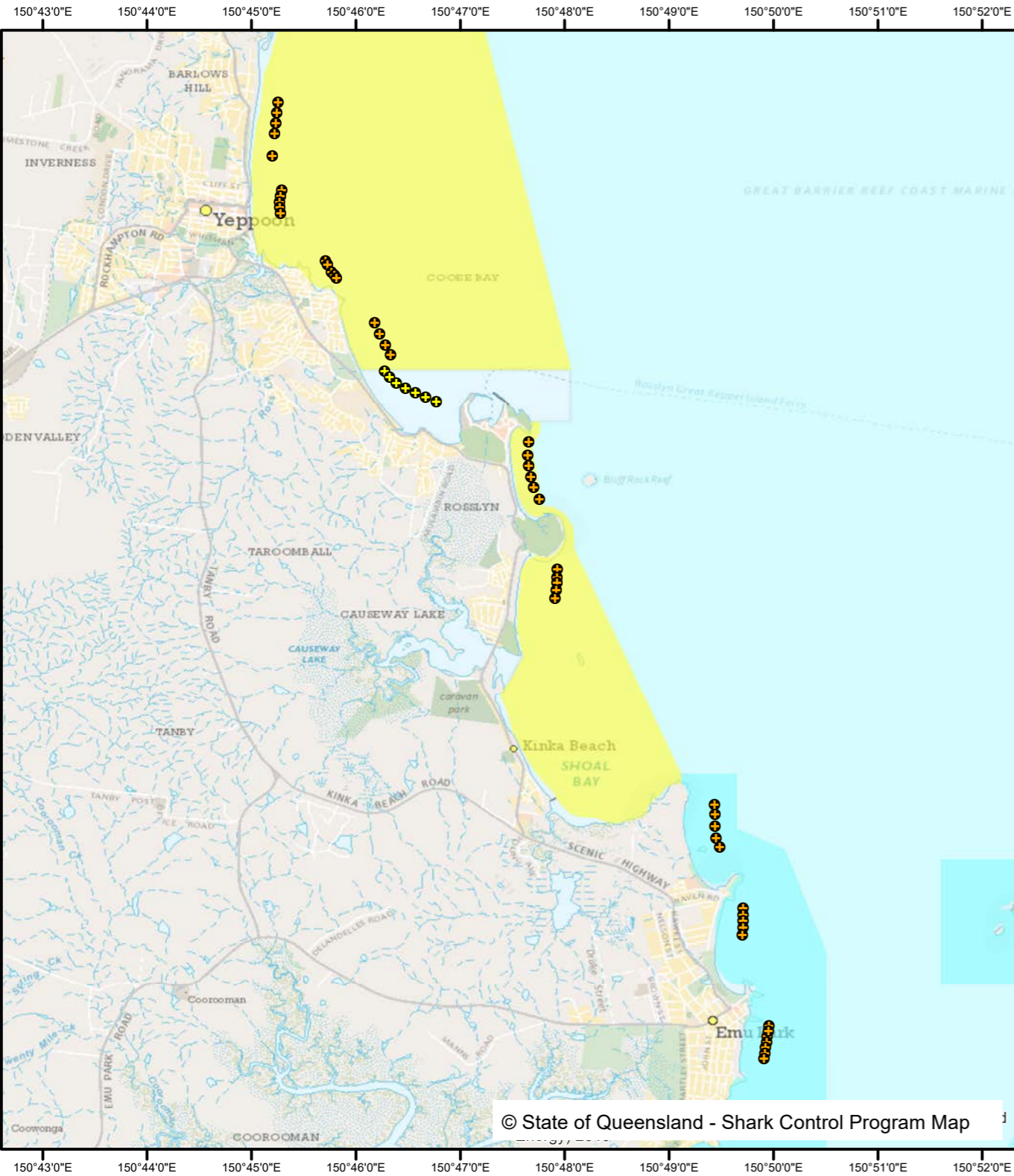
Gear Outside GBRMP

- Drumlines

GBR Marine Parks Zones

- Buffer
- Conservation
- Conservation Park
- Estuarine Conservation
- General Use
- Habitat
- Habitat Protection
- Marine National Park
- Preservation
- Protection
- Scientific Research

Queensland Shark Control Program Capricorn Coast



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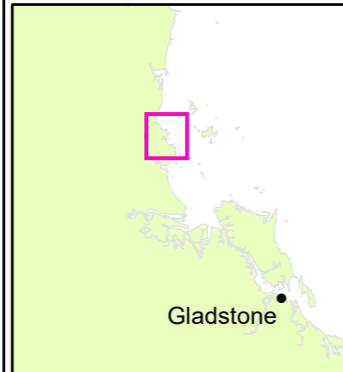


Author: Department of Agriculture & Fisheries
Date: 8/02/2020
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Datum: GDA 1994
Units: Degree



0 3.25 6.5 Km

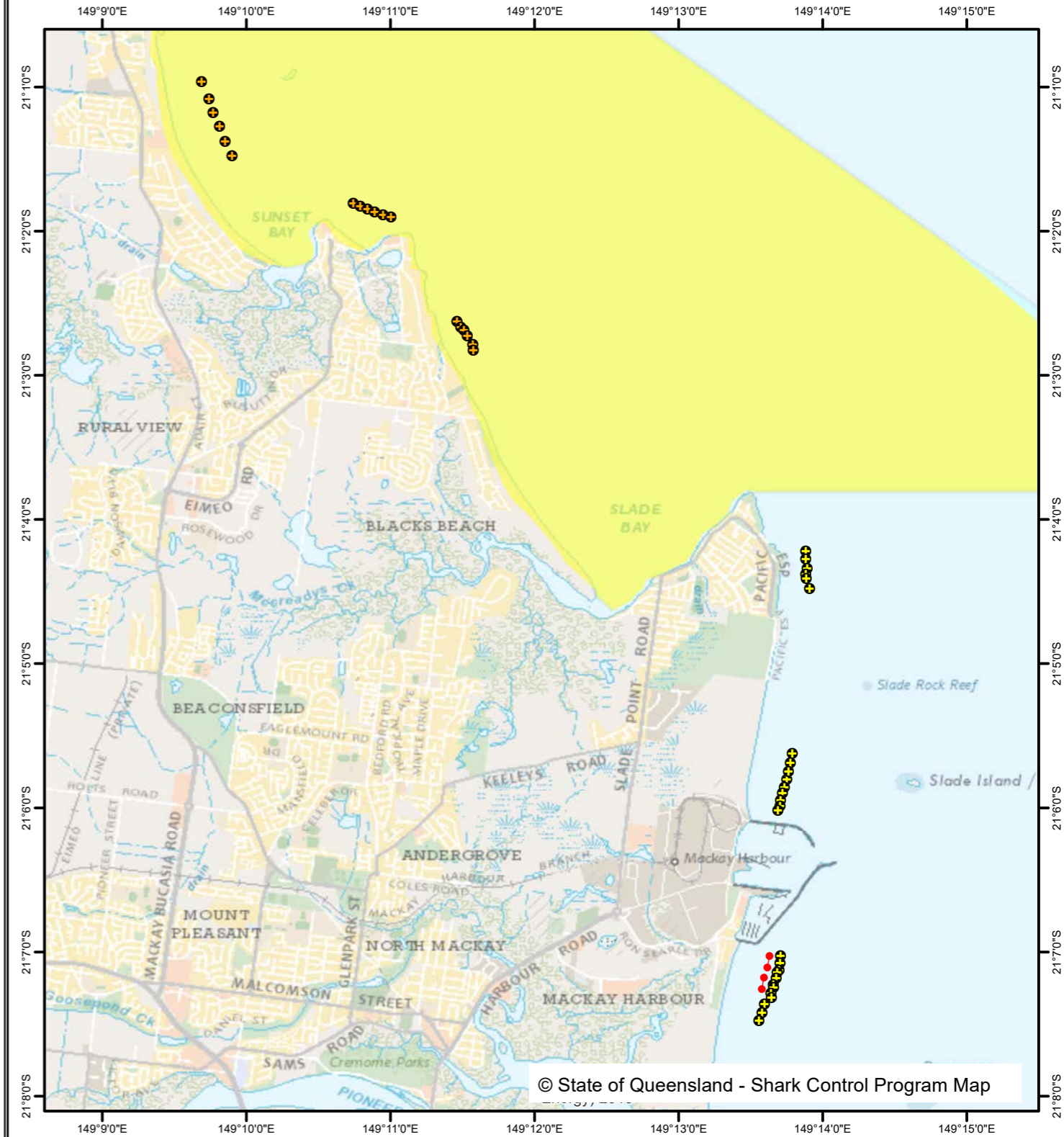
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Legend

- Gear Inside GBRMP**
 - Drumlines
- Gear Outside GBRMP**
 - Drumlines
- GBR Marine Parks Zones**
 - Buffer
 - Conservation
 - Conservation Park
 - Estuarine Conservation
 - General Use
 - Habitat
 - Habitat Protection
 - Marine National Park
 - Preservation
 - Protection
 - Scientific Research

Queensland Shark Control Program Mackay



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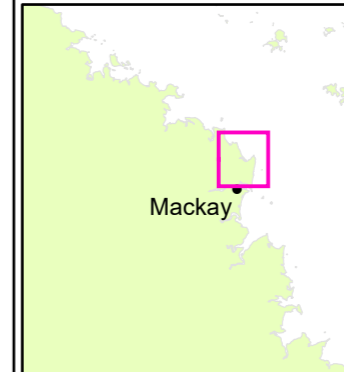


Author: Department of Agriculture & Fisheries
Date: 8/02/2020
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0 2.25 4.5 Km

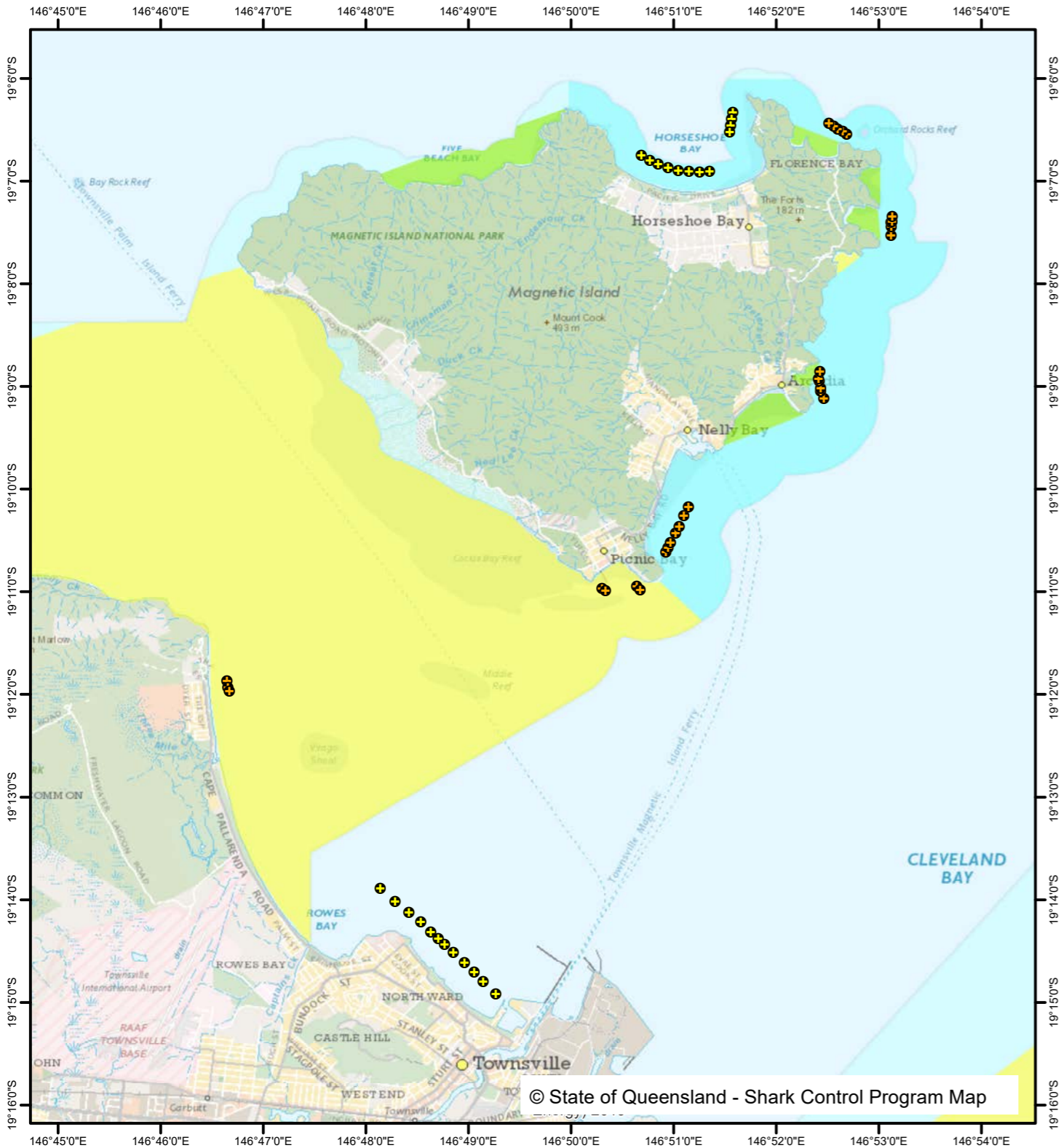
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Legend

- Gear Inside GBRMP**
 - Drumlines
- Gear Outside GBRMP**
 - Drumlines
 - Net
- GBR Marine Parks Zones**
 - Buffer
 - Conservation
 - Conservation Park
 - Estuarine Conservation
 - General Use
 - Habitat
 - Habitat Protection
 - Marine National Park
 - Preservation
 - Protection
 - Scientific Research

Queensland Shark Control Program Townsville

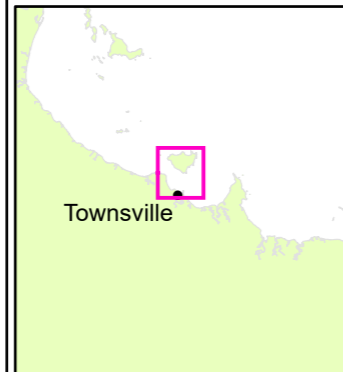


Author: Department of Agriculture & Fisheries
Date: 8/02/2020
Co-ord Sys: GCS GDA 1994
Datum: GDA 1994
Units: Degree

0 3.25 6.5
Km

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Legend

Gear Inside GBRMP

● Drumlines

Gear Outside GBRMP

● Drumlines

GBR Marine Parks Zones

- Buffer
- Conservation
- Conservation Park
- Estuarine Conservation
- General Use
- Habitat
- Habitat Protection
- Marine National Park
- Preservation
- Protection
- Scientific Research

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Email: info@envoy.foundation