

An underwater photograph of three divers in clear blue water. One diver is in the foreground, upside down, wearing a black wetsuit and a diving mask. Two other divers are further back, also in wetsuits. The water is bright blue with some bubbles and light filtering through from above.

ANNUAL *Report*

~

***New Zealand
Underwater Association***

2021

NEW ZEALAND
Underwater
ASSOCIATION

Cover image courtesy of Sophie Journee - Kai Iwi Lakes

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PRESIDENT'S Report



On behalf of the New Zealand Underwater Association (NZUA) Board, I have the pleasure of presenting the 68th Annual Report and Statement of Accounts for the period 1 March 2020 to 28 February 2021.

GOVERNANCE AND STRATEGY

2020 began with a plan to further consolidate our 3 pillars of UW Sports, Dive Safety, and Marine Environment, until the impacts of COVID-19 inserted itself into everyday life.

Earlier in the year, a governance change occurred with the resignation of Chris Nipper. We were lucky to secure Annika Andresen¹ to fill the vacant position, bringing experience as a Dive Instructor and Virtual Reality Environmental Educator with Blake, and adding to the diversity of the Board.

As members will be aware, COVID-19 impacted both the organisation's way of operating, and also the operations of our commercial members within the recreational diver training sector. The NZUA Management and Board have successfully adapted to the changing environment. I would like to thank Board members and Management for their availability and efforts. We have a great team!

As 2021 began, we set off on our major project of updating our strategy. At Board level, Andrew Berry started working on this project. This included strategy discussions with KidsCan management, and Steph Iremonger was commissioned to help lead us through the development of our strategy. As part of this project, key stakeholders were surveyed for feedback on NZUA, either via interview or our survey form. The feedback has been valuable in highlighting areas to work on, and celebrating areas of success. We look forward to a future in which all divers recognise and are familiar with NZUA, with a full understanding of what we do and the value of being associated with NZUA. NZUA has a respected voice with divers, marine stakeholders, and government agencies.

A highlight of the year was the opportunity to assist the Diving sector to retain the Dive Pacific magazine. With the assistance of Gallagher Funding we created NZUA Publishing Ltd and purchased the magazine.

¹ <https://www.nzunderwater.org.nz/#People>



ENVIRONMENTAL & RESOURCE MANAGEMENT

During the year it has been pleasing to be consulted with as stakeholder in the protection of the Marine Environment. We continue to collaborate with other stakeholder groups (such as LegaSea and our members of Spearfishing NZ) to maximise our voice with Government.

We must continue to grow in the area of environmental submissions as well submitting on a raft of Wastewater and Stormwater discharge consents that are being publicised by local authorities.

For the Underwater voice to be heard, we need to agree a collective view (where possible) with other stakeholders to maximise our message.

Finally, it was great to have Andy Stewart appointed by Fisheries New Zealand (MPI) as a recreational representative on the National Rock Lobster Management Group. This strengthens our connections in the Marine Environment and with Fisheries New Zealand.

UNDERWATER SPORT

For Underwater Sports, the office lead by Andrea Macfarlane has delivered our National Sporting and National Recreation Organisation documentation to Sport New Zealand. We continue to follow up on the application.

With COVID-19 impacts, NZUA was involved with other aquatic sports providing input into level 2 guidelines and has been advocating for deep water aquatic facilities on behalf of members. The Association will continue to seek support for the Underwater Sporting branches.

NZUA has extended insurances to cover incorporated clubs and associations for Public Liability and managing events as well as UWHNZ and SFNZ. It's great to see an increase in the number of clubs affiliated with the association as a result of this benefit.

DIVE SAFETY

Covid-19 impacted the recreational dive sector with a sudden downturn in March 2020, followed by an increased demand over the summer. It was pleasing to see that safety incidents did not increase over that period, and reinforces the message that training really does make a difference.

Our Survive the Dive Certification campaign continues this year, with the funding support of Water Safety New Zealand and Maritime New Zealand.

We are also looking to develop some of our courses to be available online in the future.

THE WORLD UNDERWATER FEDERATION

New Zealand Underwater Association continues to maintain its membership of the World Confederation of Underwater Activities (CMAS) including membership of both Technical and Sport Committee.

New Zealand Underwater Association currently maintains membership within the sports commission to the Spearfishing and Underwater Hockey Commissions. We have relinquished membership to the Underwater Rugby Commission, due to the lack of participants and non-affiliation of New Zealand Underwater Rugby clubs.

With the covid impacts, NZUA did not pay CMAS Event fees nor athlete sports licence fees for our representatives.

AIR PURITY LIMITED

Given the impact on COVID-19 on all business, Air Purity managed to have a reasonable year with an improved financial performance and the appointment of Laurence Sunshine in the new role of manager for Air Purity Ltd.

Thanks to Andrea Macfarlane, Andy Stewart and the professional assistance of Andrew Berry in the recruitment of the new Manager for Air Purity.

I wish to thank Mike Torr for his continued directorship of Air Purity Limited. Along with the efforts of Executive Officer Andrea Macfarlane, I thank them for all the work they have completed this year.

I would also like to thank Andy Stewart, as the Chair of Air Purity Board, for his leadership with Air Purity.

ACKNOWLEDGEMENTS

The lifeblood of our organisation continues to be our members. Thank you everyone for your invaluable work and ongoing commitment to inspire others.

Sport New Zealand, Maritime New Zealand and Water Safety New Zealand provide ongoing support and this support helped us deliver our projects and continues to create greater participation, development and success.

The team of staff at the national office live and breathe the various aspects of New Zealand Underwater Association, and remain committed to achieving better outcomes for all. Thank you Andrea and Laurence for their great performance in a very challenging year.

We are fortunate to have a Board with business and strategic expertise coupled with varying levels of sporting or recreational experience. I would like to acknowledge Annika Andresen, Andrew Berry, Andy Stewart, Mike Torr and Stuart Bilbrough for their time and commitment to the New Zealand Underwater Association.

Thank You to you all, your time and dedication is greatly appreciated.

ABOUT NZ Underwater Assn.



Image courtesy of Lorna Doogan (EMR)

Established in 1953, New Zealand Underwater (NZUA) is the Country's recognised leading not-for-profit organisation promoting and advocating safe and enjoyable underwater activities in a healthy marine environment.





2.1 KEY MISSIONS

- Drivers of marine safety messaging specifically as it relates to underwater sports and activities.
- Advocating and supporting marine environmental campaigns.
- Supporting NZ underwater clubs, specifically those involved in scuba diving and snorkelling, spearfishing, and underwater hockey.
- Promoting participation in underwater sports and recreational activities throughout New Zealand.
- Lobbying government organisations on behalf of all New Zealanders, protecting and advocating for their interests in matters of safety, and the protection of the marine environment.

2.2 KEY Pillars

Safety

NZUA flies the flag for diver safety in New Zealand, managing essential services like the Dive Emergency Service (DES), while continuing to promote best practice on the water, training and education.

Underwater Sports

Formed initially to represent the members of several regional underwater clubs involved in scuba diving, spearfishing and later pool sports like underwater hockey, NZUA helps promote participation in all these activities while providing a range of administrative and lobbying services for these groups as needed.

Environment

The NZUA is a recognised advocate for clean sea programmes, supporting environmental campaigns at a high level, working directly with lobbying groups and providing a marketing platform for various aligned campaigns.

2.3 SUPPORTERS AND PARTNERS



GOVERNANCE

3.1 | NZUA BOARD

Tristan Reynard – President

Andy Stewart – Board Member

Annika Andersen – Board Member

Stuart Bilbrough – Board Member

Andrew Berry – Board Member

3.2 | APL BOARD

Andy Stewart – Chair

Tristan Reynard – Director

Mike Torr – Director

3.3 | NZUA PUBLISHING BOARD

Andy Berry – Chair & Director

Tristan Reynard – Director

Stuart Bilbrough – Director

3.4 | SPEARFISHING NEW ZEALAND COMMITTEE

Reid Quinlan – Secretary

Dave Scott – Treasurer

John Anderson – Fish Records Keeper

Alex Edwards – Committee Member

Dave Packman – Committee Member

Chris Marshal – Committee Member

Dwayne Herbert – Committee Member

3.5 | UNDERWATER HOCKEY NZ COMMITTEE

Sarah Arnold – President

Coral Dolman – Secretary

Lisa Thompson – Treasurer

Tony Colquhoun – Immediate Past President

Bruce Chamberlin – Executive Member

Rebecca Brosnan – Executive Member

Rob Feist – Executive Member

Liam Watson – Executive Member

Isobel Halliday – Executive Member

Tristan Reynard – NZUA Representative

OUR People

4.1 | NZUA ADMINISTRATIVE TEAM

Andrea Macfarlane – Executive Officer

Laurence Sunshine - Advisor

Jeff Strang – Marketing/Media/Development

4.2 | NZUA LIFE MEMBERS

The below members have received lifetime membership for services to the underwater community, in areas such as diving, sports, environmental issues and governance.

1984 Leo Ducker*, Clive Mudgway, Fred Lennard & John Calcott*

1987 Max Hetherington*

1990 Allan Folwer*

1992 John Gallagher

1993 Alan Warner

1994 Rex Gilbert

1995 Steve Penn

1998 Bob Rosemergy*, Brian Sayer

2000 Judy Johnston*

2002 David Graham

2003 Dr Roger Grace*, Bruce Carter

2005 Jeroen Jongejans

2010 Ray Dolman*

2016 Tony Kuiumdjian, Wade Doak*

2017 Denis Adams

2020 Dave Moran, Wayne Lester

*Deceased

4.3 | AIR PURITY

Laurence Sunshine (Air Purity Manager) Andrea Macfarlane

Contractors: Jeff Vincent, Brian Smith, Richard Chitty, Steve Bishop



OUR People

NZUA is delighted to welcome new life members in 2020, including Dave Moran and Wayne Lester. We include their heartwarming nominations below.

DAVE MORAN NOMINATION SUBMISSION

“Dave and his love for diving has turned it into a successful career. He first started diving in 1961 in Portland, South Victoria, Australia and competed in Australian spearfishing competitions. He won a National Spearfishing Championship title, then went onto commercial diving throughout Asia, the Middle East and the South Pacific.

Moving to NZ, Dave became an active member of the Auckland based Reefcombers.

He has dived many world dive sites including Antarctica, and loves diving on shipwrecks. He worked with Kelly Tarlton establishing Kelly Tarlton's Underwater World where he took on a management role. He was also heavily involved with Kelly in the recovery of treasure from the Elingamite, went to the Auckland Islands seeking the General Grant treasure and also was involved in Indonesia with the recovery of treasure and artefacts from the Tek Sing, a historical Chinese Junk. More recently he has been involved with searching for and exploring historical NZ shipwrecks and in the South Pacific searching for lost aircraft from WWII.

Dave was very involved with running the successful Oceans conferences and attracting noted overseas speakers.

In 1990 he became owner and editor of Dive NZ Magazine, a magazine which continues to this day.

In 1996 Dave was awarded the SSI Platinum Pro 5000 card holder. Platinum Pros are defined as the world's most elite water explorers. In 2002 Dave received the Leo Ducker award and there have been a number of other awards since.

Dave continues to dive and is a supporter of the NZ dive industry.

He has spent a lifetime promoting diving and the underwater world and we could not think of anyone more worthy to be awarded a life member to NZ Underwater Association”

WAYNE LESTER NOMINATION SUBMISSION

“The Canterbury Underwater Club nominated Wayne Lester for a 2020 NZUA Life Membership.

Wayne joined the Canterbury Underwater Club in 1977 and has been a continuous member during that time.

He has been appointed a life member of the club. Wayne served on club committees for thirty-five of the last forty-one years and has held positions as trip organiser, boat custodian, Vice President and President.

In 1988-89 he along with many club members helped in the organisation of the purchase and sale of the Malaysian garden pots which were imported and sold to raise funds for the new club lodge at Kaikoura. In 2018 he secured a pub charity grant for the purchase of new carpet at the Kaikoura lodge.

In 2003 he organised and coordinated the holding of the world games (scuba) in Kaikoura.

Wayne has been awarded the club's John Tinniswood Trophy twice for services to the club, the latest being for organising the NZU AGM in Christchurch in 2019.

He has been a strong supporter of the NZU over many years and has attended all of the last seven conferences in various parts of the country.

Our club would consider it a privilege if the honour of Life Membership of the NZU was bestowed upon one of our club's hardest working members.”

– John Schurink, Club President – on behalf of the Canterbury Underwater Club Inc Committee.





BY THE Numbers



New Zealand Underwater's overall total audience size enjoyed a period of steady growth in the year 1st March 2020 to 28 February 2021.

Slight declines in social media (a global trend), are significantly offset by a growth in subscriber numbers and visitors to the NZUA and Survive the Dive Cert program websites.

Much of the website traffic and subscriber growth is driven by digital campaigns such as the Diver's Survey and the Survive the Dive program.

Organic traffic is driven by the growing content database, which is currently benefiting from additional investment.

Club membership declined in 2021 and total club individual membership remains difficult to ascertain but Associate Membership is growing.



Current audience position and change



EMAIL NEWSLETTER *via MailChimp*

The NZUA email subscriber list is in a period of steady growth. Subscriber numbers are up by more the 50% and the average open rate is up from 28% to 32%. Regularity of the newsletter proved a challenge in the latter half of the financial year due to the number of activities competing for resourcing.

Subscribers

- March 1, 2020: 3128
 - March 1, 2021: 4755
- Open rate average = 32%

YOY change
2020 – 2021
52%



SOCIAL MEDIA – *Facebook and Instagram*

Overall social media audiences declined slightly. Slow growth in Instagram has mitigated declines in Facebook, as per the global trend. NZ Underwater's Instagram account can be found at https://www.instagram.com/nz_underwater/

Total Followers

- March 1, 2020: 42,329
- March 1, 2021: 41,954

YOY change
2020 – 2021
-0.9%

WEBSITE TRAFFIC – *to NZUnderwater.org.nz*

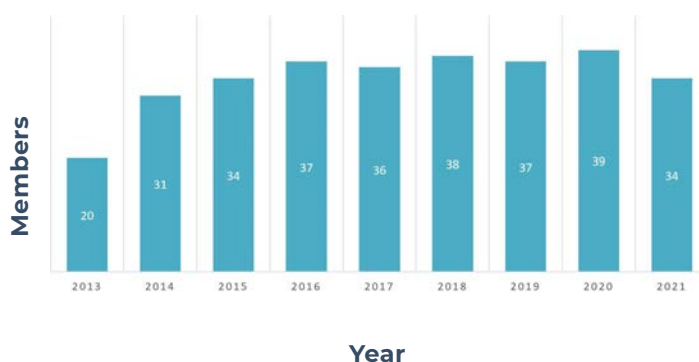
The primary NZ Underwater website continues to enjoy significant traffic growth, up 118% YOY.

The secondary site hosting the Survive the Dive certificate program saw approximately 5000 new users in the period from its launch to 1 March 2021.

Unique Visitors to NZUA owned properties

- NZUA to year end 2021: **38,702** (YOY growth: 118%)
- Survive the Dive cert to year end: **5,000**
- **Combined total: 43,702** (YOY growth: 147%)

CLUB GROWTH



AIR Purity



Air Purity Limited is an independent, 100% owned subsidiary of the NZUA.



Recognising the need for safer practices specifically relating to dive cylinders and air filling equipment, the NZUA developed the Scuba Cylinder Audit Program (SCAP) in 1982.

Air Purity has become a leading authority on clean breathing air testing, SCAP cylinder audits and certification, air filling compliance certifications, and recreational boat training courses specific to the New Zealand underwater community.

Air Purity is considered an asset and resource for the NZUA, Clubs and the diving community, with a vision for continuous improvement in the diving industry in New Zealand.

COVID-19 IMPACT

The impacts of COVID-19, the lockdowns, the disruptions, and uncertainties were far-reaching and this certainly changed the game in New Zealand. On a positive note however, it has been fantastic to hear from so many dive operators that divers who would normally travel overseas to dive have instead ventured out, often for the first time, to local dive sites here in New Zealand.

Many dive operators have reported that business has been booming over summer, despite the lack of international tourists. What a way to discover NZ.

AIR QUALITY TESTING

Air quality testing is a requirement under the Health and Safety at Work (Hazardous Substances) Regulations 2017 for any compressor operator who supplies breathing quality air. In accordance with regulations, it is a requirement that compressor operators have their air tested on a 3-month period.

Air Purity continues to deliver this service throughout New Zealand ensuring the supply of clean, safe air is maintained.

Certification must be displayed at all times.

SCAP TRAINING

The SCAP theory course (introduced in 2019) was developed by NZUA after it was identified that there was a significant gap in training surrounding the testing of cylinders in conjunction with the legislative requirements of the Health and Safety at Work (Hazardous Substances) Regulations 2017 and ASNZ 2337.1:2004.

The NZUA SCAP theory course is held at the Air Purity offices in Auckland every six months, benefiting not just signatories in training, but existing signatories who would like a refresher.

This one-day theory course is a prerequisite for those wishing to become signatories.

AIR FILLER TRAINING

It is a requirement that any individual who fills or decants a cylinder of 500ml or more with compressed air holds an air fillers compliance certificate.

To obtain an NZUA Air Filler compliance certificate, training must be conducted by an approved NZUA Air Filler Trainer.

On successful completion of training, an application will be made to NZUA for the issue of a compliance certificate.

This compliance certificate is valid for 5 years after which it will need to be renewed.

ROC (RING OF CONFIDENCE)

An integral part of the SCAP service is the Ring of Confidence (ROC), a coloured tag placed around cylinder valves that indicates (at a glance) the inspection and test status of cylinders containing compressed gas for breathing.

The placement of ROC around cylinder neck valves ensures that valves are removed for annual visual and hydrostatic testing. For cylinders tested in 2021, mauve is the designated colour for ROC.

AIR PURITY/WORKSAFE NZ MOU

Renewal of Air Purity's five-year MOU with Worksafe NZ, allowing NZUA to continue to operate its SCAP (Scuba Cylinder Audit Program) is complete.

The MOU covers cylinder test stations operating exclusively with self-contained underwater breathing apparatus (SCUBA), self-contained breathing air cylinders (SCBA), breathing gas storage cylinders (BGS) and breathing gas cylinders.

CYLINDER DESIGN APPROVALS

A reminder that in July 2017, WorkSafe NZ released a cylinder design approval withdrawal notice, which saw many condemned cylinders removed from service.

We ask people to be vigilant when purchasing second-hand cylinders on TradeMe and other such online sites, as there are still a few of these cylinders coming up for sale!

DIVE ACTIVITY SUPERVISOR COURSE

Are you left on the boat whilst your partner/friends go for a dive?

Would you know what to do if something went wrong?

If so, the Dive Activity Supervisor qualification is a stand-alone course that you should be encouraged to attend, it is not just for divers. Your participation in a DAS course could save somebody's life!

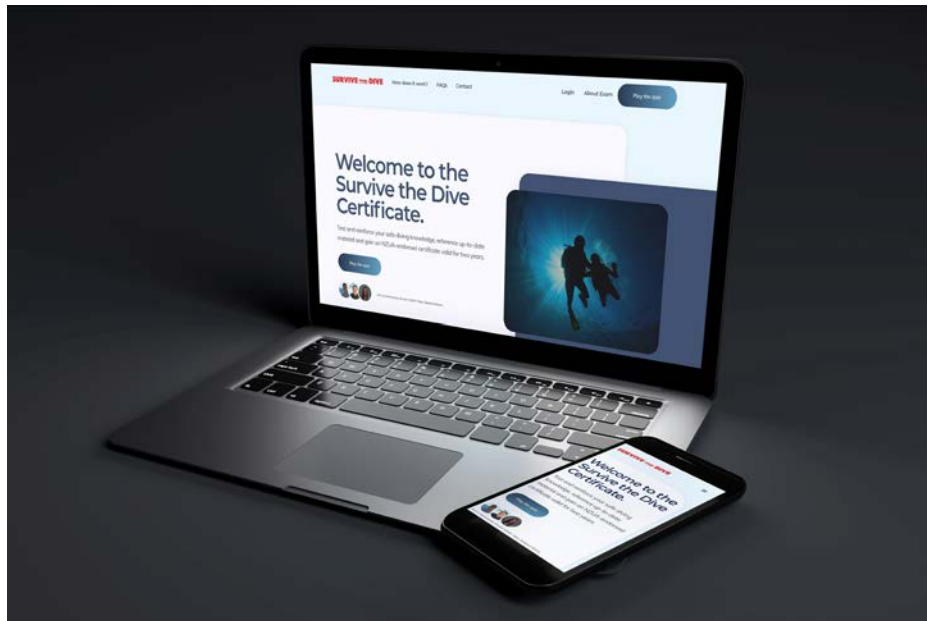
For more details email laurence@airpurity.co.nz.

DIVER Safety



Image credit: NZ Police





7.1 SURVIVE THE DIVE CERTIFICATION

During the reporting period, the NZUA launched its Survive the Dive online training and certificate platform.

The Association is grateful to the sponsorship and support of Water Safety NZ and Maritime NZ, without whom the project could not have happened.

The ground-breaking web application allows divers to refresh and test their diving and boating safety knowledge with a gamified quiz, applying for an NZUA-endorsed certificate via the final exam process.

Created by Fathom, the NZUA's long-term web marketing and digital development agency, the Survive the Dive application is an exciting opportunity to offer the NZUA's extensive diving and boating knowledge base to every NZ diver in a fun, engaging and meaningful manner.

The program is fully automated. All aspects of the application, including the quiz, the final exam, the exam checking process, applicant communications and the generation of the final pdf certificates are handled by the software system.

Additional languages

The Survive the Dive certification program is available in six languages - English, Te Reo, Samoan, Tongan, Hindi and Simplified Chinese.

Thanks to sponsors, Water Safety NZ, Maritime NZ and Air Purity Limited, Survive the Dive certification is available free!

Ready to play Survive the Dive?

There are two stages:

1. A gamified quiz with ten randomly generated questions. Take the quiz multiple times to cover all the material. Save your high-scores to track your progress.
2. An online exam with 20 comprehensive questions. If you pass the exam (scoring 80% or more), you'll receive an NZUA-endorsed Survive the Dive certificate, valid for two years.

Try the Survive the Dive certificate application at www.certificate.nzunderwater.org.nz

Comment from Ben Christie of Water Safety NZ:

"Water Safety New Zealand is thrilled to fund this new initiative and continue its strong partnership with NZUA. We are blessed with places to dive in this country. Diving in all its forms continues to grow in popularity across all demographics. It's so important that every diver makes safety a priority and gets the knowledge they need to stay safe in the water. This free interactive learning platform will make access to that critical knowledge so much easier."

7.2 SURVIVE THE DIVE CERTIFICATE STATS TO DATE

Application traffic and exam data

- Page views: 39,057
- Unique users: 7,496
- Quiz attempts: 6,282
- Exam attempts: 605
- Exams passed: 182



7.3 REPORT FROM SENIOR SERGEANT BRUCE ADAMS – POLICE NATIONAL DIVE SQUAD

The Police National Dive Squad is currently investigating nine fatalities, unfortunately including one that has occurred during the writing of this report.

In 2019 and 2020 there were nine cases investigated by Police, and at the time of writing there are 2 cases in 2021.

As has been the case in previous years, all the fatalities included recreational activities, and 4 of these cases were free divers.

Tragically, the cases reported to the Coroner demonstrate a continuation of the most common contributing factors as seen in previous years. Those factors can be seen in detail in previous reports to save repeating, however we would like to emphasise the importance of regularly checking the safety and integrity of dive equipment, only diving when fit to do so, and always diving with a buddy. Police, the Coroner's office and other agencies have just completed assisting a study of 10 years NZ scuba diving fatalities, 2007-2016. When the statistics are released, I do hope our work on reviewing these tragic cases will contribute to everyone's efforts to improve water safety for all the community including education/training of divers.

We continue to see that in almost all cases, the dive flag 'alpha' was not displayed. Although not a contributing factor in the previous fatalities it is only a matter of time when it will feature in an unfortunate event if it's not displayed to warn others that people are in the water, this can also help remind and reinforce in our own minds that when divers are in the water, the skipper and those on the vessel hold a fundamental responsibility to ensure they get back on board safe and sound.

We frequently hear of 'near misses' and there is much to be learned from these, in particular when divers have become separated from the vessel due to weather or other circumstances. These experiences highlight the often-underestimated value of having equipment such as safety sausages and a whistle, and the importance of having a plan in place before initiating a dive.

Everyone knowing the plan in case of an emergency, is also helpful in maintaining a sense of calm if the unexpected does happen and can have a positive result in finding the divers safe and well.

We encourage all divers to continue to develop their skills, understanding and knowledge of their equipment and processes. Spend the extra time before diving to create a plan, talk through possible scenarios and ensure everyone knows what to expect if the unexpected arises.

Assess all the dive conditions thoroughly - this includes one's own health and fitness in relation to diving, the equipment being used, and the weather. Over one third of dive fatalities in New Zealand list a contributing factor as not being medically fit to dive, and almost fifty percent were not diving with a buddy. If I had one area our team would love all divers to make a huge effort in addressing, that would be to always dive with a buddy for the whole dive.

**Senior Sergeant Bruce Adams,
Police National Dive Squad**

7.4 DIVE EMERGENCY SERVICE (DES)

The Diver Emergency Service (DES) is a 24 hours, seven days a week hotline for advice and treatment of all diving related incidents, accidents, or injuries, including the emergency management of decompression illness.

The phone number (0800 4 337 111), is manned by medical professionals with a diving doctor on call and remains a crucial part of diver safety management in New Zealand.



Image credit: Ghost Diving NZ

7.5 NZUA 2020 SURVEY OF RECREATIONAL DIVERS IN NZ

In April and May of 2020, the New Zealand Underwater Association conducted its inaugural survey of recreation divers in NZ.

It is the first survey of its kind to be conducted by the NZUA.

The initiative serves several purposes:

- To establish a baseline of diver safety knowledge in New Zealand, with the objective of tracking progress over the time.
- To inform decision processes pertaining to future safety priorities.
- To understand more about New Zealander diver behaviours and attitudes across a wide range of criteria.

The survey was distributed across multiple channels:

- Social media
- Native advertising on high priority sites such as Stuff.co.nz and NZHerald.co.nz
- Through the NZUA's network of partners
- Email newsletter

2,195 divers from around New Zealand took part.

CONCLUSIONS IN BRIEF –

While the NZUA acknowledges that distribution of future diver surveys needs improvement to ensure the sample group is not skewed by its network of highly engaged divers, the Association is pleased to take this first step in understanding the safety and behavioural landscape of the New Zealand diving community.

A few areas that appear to require focus include:

- The potential for formal training outside SCUBA specific activities, especially with the rising popularity of spearfishing.
- A need to engage communities where food gathering is the dominant driver of activity.
- The need to continually reinforce the benefits of medical checks and refresher courses.
- Participation in younger age groups appears to be falling significantly. This is reinforced by global data.
- The industry may need to focus more on attracting and retaining females to the sport as a means of rebuilding participation and engagement in diving.

To download and read the full summary of results from the safety and behavioural components of the 2020 New Zealand Underwater survey of recreational divers please visit the “Diver Survey” link in the navigation menu on the NZUA website: www.nzunderwater.org.nz

DIVE NZ Magazine

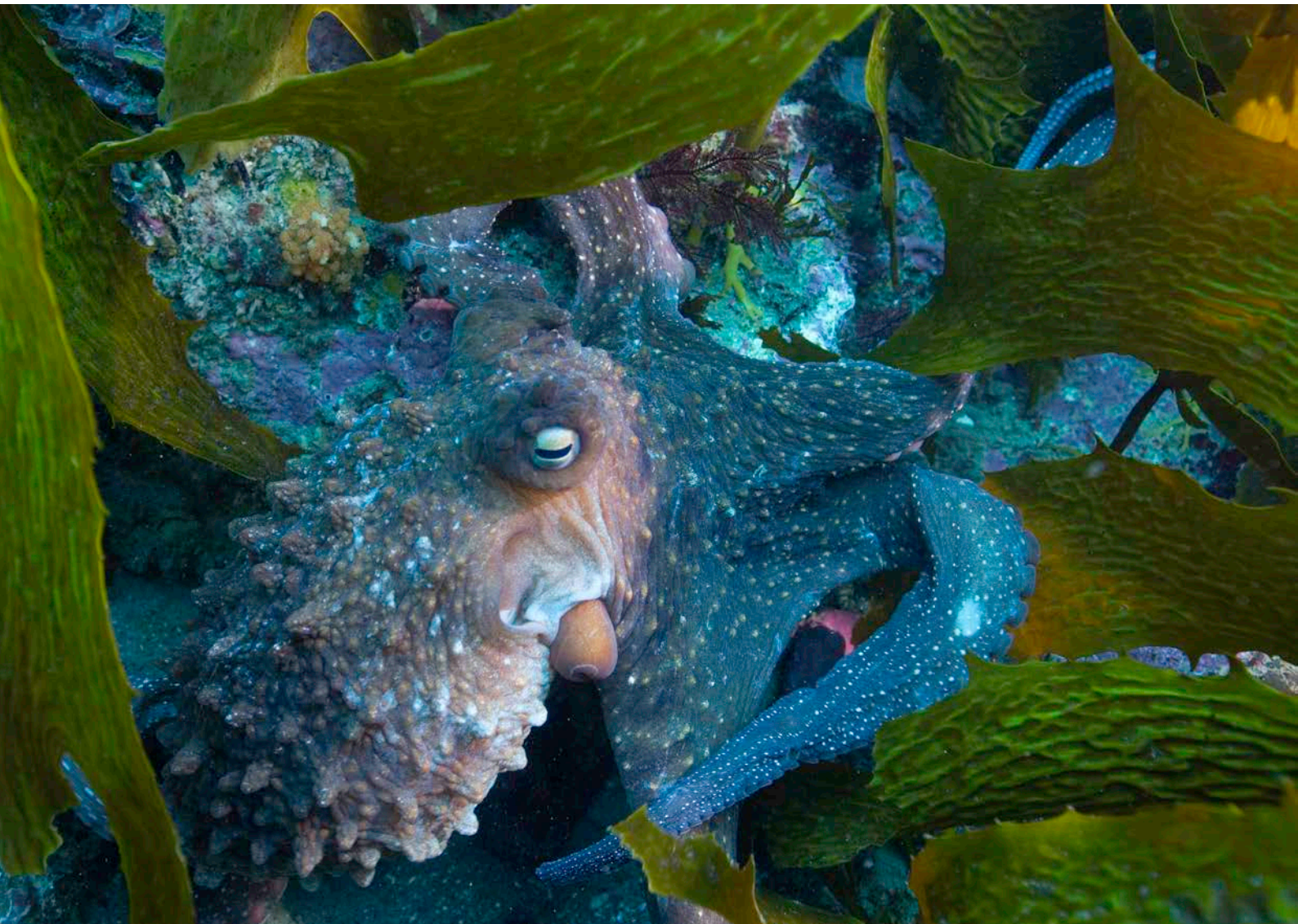


Image credit: Ghost Diving NZ

BIG BRIGHT FUTURE MAPPED FOR DIVE PACIFIC, NEW ZEALAND'S DIVE MAGAZINE

The New Zealand Underwater Association is delighted to announce that we are now the proud new owners of Dive Pacific, New Zealand's Dive Magazine

For our magazine to meet its potential we will be engaging with sponsors and advertisers, so we will be calling on the wider dive and marine industries for their support.

Dive Pacific is an excellent platform to promote the abundant expertise, techniques and experience of our dive communities. The magazine will serve to help develop these forums; especially as we are called on to advise on the changes taking place in our oceans, and what may be done to ensure their health and sustainability.

It's important too for NZUA to record New Zealand's fascinating dive heritage. We have some truly great founding figures, including people like Kelly Tarlton, Roger Grace, Wade Doak and many others who have pioneered the diving industry. Opportunities to explore underwater are still in their infancy, with incredible developments and innovations taking place every year.

NZUA has been in the business of representing New Zealand's divers and underwater sports enthusiasts for 67 years, and the acquisition of Dive Pacific is another step to advance our work.

Early NZUA records show that the first New Zealand Dive magazine began in Christchurch in 1959 with the enthusiasm of Canterbury Underwater Club divers, including Kelly Tarlton, Keith Gordon, Win Christie and Wade Doak. At the 1962 NZUA AGM, it was motioned and carried that each affiliated club would appoint a Dive magazine correspondent to ensure local news and articles are provided..

New Zealand Underwater's acquisition of the magazine is a very direct way to:

1. Promote participation in underwater activities.
2. Support the many, mostly small businesses in the underwater industry; those geared towards recreational diving, through lobbying councils and government and promoting our cause in the media and to the public.
3. Bring to light more stories about the superb diving in our wonderful, big blue backyard: destinations, trips away, adventures!
4. Develop as a forum to discuss the risks and threats our oceans face.



A separate company has been created for the magazine and under the guidance of NZUA's board member Andrew Berry. The Association plans to retain the former owners to manage and publish the magazine in an arrangement we are confident will deliver exciting outcomes, both for our recreational divers and the wider industry alike.

This initiative will help NZUA to engage more comprehensively with members and the wider community on our three 'pillar' issues, which are:

- Flying the flag for diver safety by managing services such as the Diver Emergency Service (DES) and promoting best practice on and underwater with training and education;
- Promoting underwater sports; in particular spearfishing, underwater hockey and freediving.
- Building awareness and lobbying for clean seas and stewardship of the marine (and freshwater) environment.

We are keen for our NZUA community to be directly involved. Our plans are not set in stone. We're open to your ideas, we want your contribution.

Suggestions are welcome and encouraged to be shared with divenz@divenewzealand.co.nz.

Let's collaborate to raise the profile of the underwater world, together.

Tristan Reynard – President, NZUA
Tristan@nzua.org.nz

MARINE Enviroment



Image credit: Ghost Diving NZ

THE NATIONAL ROCK LOBSTER MANAGEMENT GROUP (NRLMG) IS A NATIONAL-LEVEL, MULTI-STAKEHOLDER

group comprising representatives of the tangata whenua, recreational and commercial fishing sectors, environmental non-governmental organisations (NGOs) and the Ministry for Primary Industries (MPI), including the Fisheries New Zealand business unit.

There are two recreational positions within NRLMG. One is filled by NZUA board member Andy Stewart, the other seat is held by the NZ Sport Fishing Council.

Further seats are held by Tangata Whenua (2), the commercial sector (2), environmental stakeholders (2) and the Ministry of Primary Industries (2).

Since its formation in 1992, the NRLMG has been the primary source of advice to MPI (formerly the Ministry of Fisheries) and the relevant Minister on New Zealand's rock lobster fisheries. The NRLMG has a good track record in providing high quality advice on rock lobster sustainability measures; including reviewing catch settings, regulatory controls, and management procedure development.

The NRLMG acts as the primary advisor to the Minister for Oceans and Fisheries on catch settings, regulatory and other management actions that apply specifically to rock lobster fisheries.

Rock lobster is an important species and fishery for all sectors in the Quota Management Areas under review.

In the past, rock lobster were abundant and played a significant role in coastal ecosystems. Large catches were taken out of some ports in the 1920s for canning and export to Europe, and widespread commercial rock lobster fishing has been in place since 1945. Updated estimates of recreational harvest are available from the 2017-18 National Panel Survey. Few of the 7,000 New Zealand residents on the panel caught rock lobster, so the estimates are best in areas where most fishing occurred. Our continued efforts to protect this important taonga for all New Zealanders are supported by The New Zealand Sport Fishing Council (NZSFC) and LegaSea. We are very grateful for the opportunity to work with them and the support they give us in promoting sustainable fishing practices throughout New Zealand and striving for a level of abundance in our precious ocean resources that belong to the people of New Zealand.

Together with the NZSFC and LegaSea, NZUA entered a submission on proposed changes to 1 April 2021 fisheries sustainability measures for Red Rock lobster and Packhorse Crayfish. This submission had a recommendation on Total Allowable Catch (TAC), allowances and the Total Allowable Commercial Catch (TACC) for the fisheries included in the sustainability round. Of the four fisheries under review we supported a cut in TAC in 3 of the 4 fisheries and status quo in CRA5. With the exception of our recommendation to cut TAC in CRA1 all other recommendations in our submission were inline with the Minister for Oceans and Fisheries' decision. For the first time a TAC was set for Packhorse Crayfish, this coincides with a reported increase in the abundance of Packhorse Crayfish. Again our submission recommendation matched the Minister's decision on this fishery.

A full review of the Sustainability Measures implemented by MPI effective 1 April 2021 [can be found here](#).

NZUA see the following as current key items of importance for recreational fisherman;

- Ensuring fishery management targets are set at a level to promote abundance and a healthy, sustainable ecosystem.
- Minimum legal size requirements for packhorse rock lobster moved from a tail length measure to a tail width measure, consistent with that of spiny rock lobster.
- Resolutions around inequality in differential minimum legal sizes in CRA 3 (Gisborne Area) where currently, commercial fishermen are allowed to catch 52mm male crayfish over the autumn / winter period where recreational fishers have a minimum legal size of 54mm for males year-round. This has long been viewed as inequitable by local recreational fisherman, as some hold the belief that the taking of those small males has an impact on the fishery, making it harder for recreational fisherman to catch legal-size crayfish.
- CRA1 (Northland Area) There are concerns that the CRA 1 fishery is not as healthy as the stock assessments report. The assessment relates to commercial fishing, which appears to be taking place between North Cape, three Kings and Ahipara. These areas are not easily accessible by recreational fishermen, and the increase in commercial fishing in these locations suggests that the previously abundant crayfish populations, located in easily accessible areas of CRA1, are now depleted. Further supporting this concern, we note that very limited (and in some cases, zero) commercial fishing is taking place in the easily accessible locations of Northland's East Coast such as the Bay of Islands. This concern needs to be investigated and a cut in TAC and recreational take in Northland could be required to sustain a healthy fishery
- There is increasing pressure for recreational catch to be reported, however this is not supported by NRLMG. The amount of recreational catch is small in comparison with commercial catch levels, and an appropriate sustainability target which supports the fishery and the whole ecosystem should be the primary focus for management.
- Not supporting any further implementation of telson clipping* unless evidence is provided demonstrating its effectiveness.
- Where recreational catch has been reduced inline with commercial catch, an increase in commercial catch should have a corresponding increase in recreation

catch. For example when CRA2 recovers and the TACC increases our recreational bag limit should increase from 3 to eventually back to be inline with the national bag limit.

*The telson is the central part of the tail fan on a rock lobster. Telson clipping is a way of marking spiny rock lobster to make it clear that they have been recreationally caught. One-third of the telson is cut off so that it is noticeably shorter than the other sections of the tail fan. This must be done to all legal lobsters that will be kept.

We are your representative on the NRLMG and are keen to engage as much as possible to ensure your voice is heard.

NZUA are concerned at the general decline in the abundance of scallops around New Zealand.

In 2019/2020 of the 13 scallop fisheries only 2 were commercially fished, with 16% and 24% of the quota or TACC being caught. This represents 4% overall, and suggests severe depletion of scallop populations in the remaining 11 fisheries, with the 2 that were fished at high risk of further depletion. Fisheries New Zealand have failed to effectively manage this fishery, and we are now seeing local community/iwi stepping in at several locations including Whangaroa Harbour and Opito Bay.

Ongoing motions continued from 2020 efforts include;

- Submission against the continued sand extraction - [coastal marine area at Pakiri](#). This would be an extremely disappointing result if approved
- Submission in support of extending the Maunganui Bay (Deepwater Cove) temporary closure, extended until October 2022
- Submission to review the catch levels for Northland Scallops for 2020/21 which was included in our 2020 Reports

Changes to fisheries sustainability measures for Red Rock lobster and Packhorse Crayfish effective 1 April 2021

Stock	Option	TAC	TACC	Allowances			NRLMG support
				Māori customary	Recreational	Other mortality	
CRA 1 Northland	Option 1.1 Status quo	203	110	20	32	41	Tangata whenua, Commercial & Fisheries NZ Option accepted by Minister
	Option 1.2 – RA Decrease the TAC by 11%	180.5 (11%)	100 (9%)	20	29 	31.5 	Recreational & Environmental
CRA 3 Gisborne	Option 3.1 Status quo	351.9	222.9	20	20	89	No support
	Option 3.2 – RA Decrease the TAC by 10%	317.5 (10%)	209.5 (6%)	20	13 	75 	
	Option 3.3 – RA Decrease the TAC by 14%	302 (14%)	195 (13%)	20	12 	75 	All ⁴ Option accepted by Minister
	Option 3.4 – RA Decrease the TAC by 19%	284 (19%)	178 (20%)	20	11 	75 	
CRA 4 Wellington/ Hawke's Bay	Option 4.1 Status quo	513.8	318.8	35	85	75	No support
	Option 4.2 – SA Decrease the TAC by 24%	388 (24%)	280 (12%)	35	40 	33 	All ⁴ Option accepted by Minister
	Option 4.3 – SA Decrease the TAC by 30%	361 (30%)	260 (18%)	35	33 	33 	
CRA 5 Canterbury/ Marlborough	Option 5.1 Status quo	514	350	40	87	37	All Option accepted by Minister
	Option 5.2 – SA Decrease the TAC by 6%	484.5 (6%)	332.5 (5%)	40	75 	37	
	Initial NZUA & NZSFC Submission Position	484.5	332.5 (5%)	40	75 (14%)	37	
PHC 1 All of New Zealand	Current settings	-	40.3	-	-	-	
	Option P.1 - SA Set the TAC at 65.3 tonnes	65.3	40.3	10	10	5	Environmental
	Option P.2 - SA Set the TAC at 79.3 tonnes	79.3	49.3 (22%)	10	15	5	Recreational & Fisheries NZ Option accepted by Minister
	Option P.3 - SA Set the TAC at 88 tonnes	88	58 (44%)	10	15	5	
	Option P.4 – New Set the TAC at 83 tonnes	83	58 (44%)	10	10	5	Tangata whenua & Commercial

Project Reef Life

PUKE ARIKI MUSEUM

Since early 2018 the Project team have been assisting the curators in the development of “Reef Alive” which is a permanent exhibit of the project – to be shown in the Taranaki Naturally Gallery. The opening is around mid-2021. A replica of Bruce’s (co-Project lead’s) boat is in the exhibit, with the front screen showing footage of the reef and interviews with the Team. There is a ‘science space’ to do a benthic survey of the reef and a life-like diorama of the reef with its plants and animals and the Mark I in-situ camera. The team has gathered kilograms of shell hash, collecting sponge samples and fish with a butterfly net, mounting GoPros on Bruce’s boat to capture footage of the bar crossing, purpose requested photographs and video captures, pressing algae – the list goes on!



Richie Guy, Project Engineer and South Taranaki Underwater Club Secretary and Rebecca Pratt, Project Media lead (with Richie’s goldfish pond behind where initial testing is conducted!).



Corten steel sculptures

ART

Corten steel sculptures reflecting the marine story off-shore of Patea are now mounted securely on seven poles leading down to Mana Bay, Patea. Patea Area School students, community members and Project Team collaborated on the design, metal cutting process, engineering mounting and installation. July 2020 was the community blessing and celebration. Importantly the photographs of the art are used in the Project’s educational narrative. Creative Community funding supported the art work. A number of art pieces have also been created by local schools, following Project Reef’s visits which is a fabulous way to continue to share the story of reefs and the colour and biodiversity.

EQUIPMENT

The Project now has a second Mark II in-situ-camera, named ‘Eagle-ray’ – which can be deployed when ‘Sting-ray’ is retrieved (for maintenance, battery charging and data download). Each deployment results in around five hundred videos, taken during day and night. Fascinating

to see the difference in corrosion between the two models and the importance of Project engineer Richie’s work replacing sacrificial anodes.

LOGO

The Project has a new logo which celebrates SCUBA and the South Taranaki Underwater club, as well as other components and reasons why that can be read about on the website (sponge, fish, algae).

<https://www.projectreefsouthtaranaki.org/logo>



EDUCATION

Over a thousand students around Taranaki were visited by the Project during the year, as well as visits to kindergartens and a rest home. We always know that the Project equipment and dive gear is one of the highlights with everyone! This year we also ran our first school colouring-in event, with all submissions in the draw to receive a Project Reef Poster and special talk by the team.



A sample of the sponge (tentatively identified from photo as *Stylissa* sp. indent) sent through to NIWA for microscope analysis.

I-NATURALIST

Findings are logged into I-naturalist <https://inaturalist.nz> – there are currently 156 species logged under ‘Coast-blitz Patea’, including 33 species of fish and 37 species of sponge.

BENTHIC (REEF FLOOR) SURVEY AND BUV SURVEY

Another survey of the Project Reef was made in May 2020 and analysed for percentage coverage by a marine biologist – a lengthy process of identifying 100 random points per photo, for 300 photos taken along a 30m transect. Another BUV survey was done in February 2021, with a good number of blue cod and carpet sharks observed - 30 minutes of footage was reviewed by our marine scientist to find the one frame with the maximum number of blue cod.

AWARDS

The NZ Ecological Society’s ‘Ecology in Action Award’ – was presented to Karen (co-Project lead) with an invite to talk at the Conference to be held in Kerikeri 29th November - 1st December, 2021 this is a great opportunity to share and celebrate the work of ‘Project Reef’.

PUBLICATION

The book “Tales & Taonga” was launched in October 2020 at Aotea Utanganui and the chapter on Natural history and Environment included an article on the Project Reef written by one of the Project team.

EQUIPMENT

The Project applied for WCS Underwater Exploration program for a Trident Underwater Drone and were successful. This will be a great piece of equipment (when it arrives from the States) with which to explore further reefs in the South Taranaki Bight.

SPONGES

The Project team continue to work with NIWA’s sponge taxonomist, Dr Michelle Kelly, on sponges found at the Project Reef, with small samples sliced off and sent through for microscope analysis. To date the Project’s work has increased the known ranges of a number of sponge species. The divers now have a great eye for spotting something unusual.

We look forward to some of our photos making their way into the next NIWA e-sponge guide. <https://niwa.co.nz/coasts-and-oceans/marine-identification-guides-and-fact-sheets>

ENVIRONMENTAL DNA

(e.g. tiny traces of genetic material left behind as living things pass through water – like scales, skin and faeces)

The Project has registered with the EPA programme Wai Tuwhera o te Taiao – Open Water Aotearoa and on 3rd May 2021 gathered a water sample at the Project Reef and another sample at the ocean surface. The team is looking forward to sharing the results in a few more months.

<https://www.epa.govt.nz/community-involvement/open-waters-aotearoa/>.



Bruce and Richie each hold a vial of preserved ocean water samples – ready to be sent off for e-DNA analysis

MARINE BIOSECURITY WORKSHOP

Project members attended the NIWA and MPI free training session for some theory and hands-on-training.

<https://marinebiosecurity.org.nz/surveillance/>.

It was interesting to see the list of established non-indigenous species recorded in Taranaki – the Project is now on the stakeholder list and will receive updates on the results of surveys (two emails a year).



Ghost Diving NZ

2021 has been a turbulent start for us all, but we have really been streaking ahead with our Ghost Diving activities.

Our teams have recovered 67 of the e-scooters from Wellington harbour alone, and we have also removed two lost Rock Lobster pots and a big super heavy commercial fishing net out of our very own Taputeranga marine reserve.

Two of these recoveries are a direct result of some of our long-range scooter (DPV) dives along the reserve boundaries, and one was the result of the awesome free diving community coming forward and letting us know the locations of lost gear.

This year we have really lifted our game and are now working with a much wider community. The re-emergence of the kayak teams joining us again has been an amazing addition to our fight against marine debris. We have also been in direct contact with the local skippers of fishing boats to liaise and work closer with them to support our locals.

Our most recent recovery was at the Oriental Parade clean-up, during which we discovered a large sunken tyre which we successfully lifted from the sea bed.

After a fair bit of research and calling around, we finally got hold of the National manager for Dunlop/Goodyear who shared the mystery tyre dimensions with the tyre grandmasters. Incredibly, the tyre was identified as the nose wheel from a very early aircraft, estimated from the WW2 era. We suspect the tyre was used as a vessel buffer from a tug boat or similar, as it was recovered not far from a major Wellington shipping lane.

We have a lot planned for the rest of 2021 - we are doing a clean-up in conjunction with the Evans Bay Yacht club next to improve the health of their local marina. As July approaches, we are again working with the amazing crew at Pure Salt. This is now an annual event with the Dusky Sound charter boat crew.



Image credit: Ghost Diving NZ



Image credit: Ghost Diving NZ



Image credit: Ghost Diving NZ

The helicopter ride from Te Anau to deep into the Fiords where the 27m "Flightless" ex Naval vessel and crew await our arrival, is one of the most incredible our team have ever experienced.

The "Tamatea Blue" project fuses scuba and free divers alike as we haul everything from redundant lobster pots to literally the kitchen sink. (Which turned out to be a historic sink plundered from a nearby wreck.)

The primary object we found was the "swappa crate" style long neck beer bottle and on one year's adventure an astonishing 27 gumboots!

One notable feature of the Ghost Diving crew is that our dive gear is never dry, as we continue to fight towards a cleaner underwater environment for our future generations. And, as always, a big thank you to NZUA for their ongoing support.

Rob Wilson
Ghost Diving NZ team leader.



SPEARFISHING

New Zealand

Report from Chris Marshall, Spearfishing NZ Board



After the significant disruption of 2020, Spearfishing NZ has been extremely pleased to have run a full year worth of domestic events again, including not one but two national championships! While we wait for the world to catch up so that our core international competitions like Inter Pacifics can restart, we're very lucky to be in the position we are in.

The official competition calendar restarted again with the twice-postponed 2020 National Champs, held out of Omaha over Labour Weekend. While it was an abridged version of what we are used to, it was a great event considering the environment at the time. The women & juniors competed on the Saturday on the south end of Little Barrier, with Tyler Maugham taking the juniors title ahead of first junior woman, Jacky Edwards. Zane Carter took third, along with the under 16 trophy. In the women's compe-

tion, Sophie Hamilton took first prize, ahead of Jacky Edwards and Kerry Walden. After a one-day break, the open competition was run, with both days held in good conditions in the Mokohinau Islands. The diving was hard and often very deep, with quite low scores due to cagey snapper and a lack of weedline special fish. John Anderson and Dwayne Herbert took day 1 comfortably, leaving Chris Marshall & Dave Mullins in second, with Jackson Shields & Paul Best in third. Day two saw a reversal of fortunes though, with Jackson & Paul taking the day, with John and Dwayne trailing. It was not quite enough though - with the overall standing seeing Dwayne win his 10th(!) title and John his second. Jackson & Paul came in second, with Dave and Chris in third. Well done to them and the small but dedicated crew that competed or assisted to make this happen.





Paul & Jackson – 2021 National Championships



Sophie – 2021 Womens Champion



Dave & Ian – 2021 South Island Championships

Thanks also to the Omaha Beach Surf Lifesaving Club, who kindly loaned their club rooms for the event. The fish auction took in \$1410 for the club, so thank you to those who assisted.

Another delayed competition, the Mercury Bay Open, was run as always by Herb from his Flaxmill Bay stronghold, though this time on the 28th of November. The one-day competition was held at Peter's Rock in quite poor visibility, which challenged the divers in the still somewhat chilly water. Performance of the day must go to 10 year-old Reef Hansford, who took out the under-18s trophy! What a star of the future! Consistent high performers Jackson & Paul took out the top placing, with Ben Smith & Wes Moir taking second and Connor & Raymond in third. Fingers crossed for a return to the usual Queen's Birthday weekend date.

The final competition of 2020 was the now annual fixture of the Sounds Summer Slam at the start of December. This multiple day competition is a very different format to the rest and has proved extremely popular, with the latest event seeing a massive 202 competitors! As well as the short, 7-species list, the rubbish-collecting competition resulted in over 600kg of junk taken out of the sea! Well done to all the winners - Blake Clinch & Timothy Sowman in the Open, Logan Lowther in the Juniors, Emma Trolove as top Female, Dave Packman as Top Master, Josh Knox for Most Meritorious, Stuart Barnes & Ryan Goode for the Best Piece of Rubbish and Mike Ponder & Todd Neal for Most Rubbish Collected. There were some epic prizes and the ocean clean-up is a real positive, so if you get the chance you should support the Stoned-Em Crew at the end of this year!

Kicking off the new year was the Bob Rosemergy Catfish Cull, on Waitangi Weekend in Lake Taupo. As always, this was well attended, with 205 competitors (who else is holding events this size in the world?!). Another competition with a great cause behind it - controlling the noxious pest the bull-headed catfish. In total, 1317 catfish were removed from the lake, with Ian Warnock & Darren Shields taking 110, Jordy Wilson & Reid Quinlan on 85 and Ben Smith & Rowan Virbickas on 64. Well done also to the all-junior, all-woman team of Pipi Quinlan and Jacky Edwards who took both categories at the same time with 32! Also of note was the largest catfish, a whopper by Jaime Bray of 575g, which is also the new women's record, surpassing the sadly departed Judy Johnston's mark. The number of fish taken seems to be slowly trending downward, so either their numbers are reducing or we've eradicated most of the dumb ones.



Alex Edwards - record Boarfish



Blake, Timothy – 2020 Summer Slam



Dwayne, John – 2020 National Champions



Dave, Ray – 2021 North Island Champions

The North Island Champs was held on 20 February at Kapiti Island, hosted by the Kapiti Underwater Club. Thanks to the club and the hard work of their committee, it was the largest field in a very long time at more than 80 divers, as well as a fantastic prize pool and one heck of a setup with a stage, scaffold seating and a roast lunch for the competitors. While diving was somewhat ruined by a mid-week southerly change, the cream rose to the top with Dave Mullins taking yet another title with buddy Ray Goodger, followed closely by Jackson Shields & Sophie Hamilton in second and Gerry Paul & Jonny Cleland in third. Special mention goes to Joseph Gundeson for his junior record 1.35kg spotted stargazer shot mid-competition. How he saw it in those conditions we'll never know. A great time was had despite the challenging diving, but Jackson will probably never believe the Wellingtonians when we say Kapiti has great viz - I believe it's the third time he's come down for dire temperature and visibility. One day, mate. One day.

The South Island Champs were held two weeks later down at Green Island, in the even chillier waters of Dunedin. As a small zone, there aren't many secrets that can be hidden, making the advantage of local knowledge a bit smaller than it can be. This proved an issue for the mainlanders, with Dave Mullins swanning in after his North Island win to join Ian Barker for a solid win with 12 fish. The advantage of being more comfortable at depth proved the difference, with Alex Edwards & Ben Nock taking second with 8. Josh Craig & Alisdair Lean came away with the bronze with 7 fish. Well done to all 12 teams for getting out there - hopefully the North & South Island Champs exchange initiated by Mal Bird this year will continue into the future.

The last competition to report is the 2021 National Championships, held Easter weekend from Flaxmill Bay, hosted by Herb & Sandy from their home. Poor Dwayne & John didn't get to celebrate their title for long, with possibly the shortest reign due to the change in circumstances from covid. The competition kicked off on Thursday with the Juniors & Womens in the Green Island zone. Strong swimming from Joseph Gunderson saw him take 1581 points for first place, with the 13 year old Coby Herbert taking second place with 1080 and the under-16 trophy. Jacky Edwards took third, as well as first in Junior women with 867 points. Well done also to Joseph for the only kingfish and a record pigfish. Clearly one to watch for the future! In the women's competition, with a stricter fish list than juniors, Sophie Hamilton backed up her 2020 win with 651 points, with the Edwards sisters, Alex & Jacky, coming in behind with 543 and 428 points respectively.

Friday saw the photo fishing in the morning and finswim in the afternoon. Chris Marshall barely edged out Rowan Virbickas in the photos for the top two, with Joseph Gundeson taking third place and top junior.



Joseph – 2021 Junior Champion



Paul Jackson – 2020 MBO Winners

Jacky Edwards took the women's title for a good haul over the comp. The finswim was held in the bay, with a tightly-packed field on the way out clearly tiring on the return leg - except for the young guns. Joseph took home yet another trophy, followed by Storm Lequesne and Chris Marshall in third. Meanwhile, Quin Smith put in a dominant performance in the Juniors to secure first prize there.

The two-day Open, held over the weekend, was a nail-biter. Day 1 was held at Great Mercury, from The Sisters to Sail Rock - a big zone with a lot of good ground that can be covered. Conditions were good, with clear water, moderate current and light winds. There didn't seem to be a 'correct' side of the zone, with divers from both edges coming in with very similar points at the top of the table. When the results were in, it became clear that the battle for first was Paul Best & Jackson Shields versus Dave Mullins & Storm Lequesne - with the former on 1680 points to 1637 points. The chasing pack of 3-6 were all clustered in the 1400s, with none having a convincing advantage.

Day 2 was held at Cuvier - a long trip but a great opportunity for a dive that few of us get to do more than a few times. The deceptively clean water seems to have affected many people's aim and distance judgements, based on the sob stories I and others like me ended the day with, but nevertheless it made for some truly memorable diving. In a higher-scoring day, Paul & Jackson again just edged out Dave & Storm, 2147 to 2080 to take their first-ever and well-deserved nationals title. Having been runners up on a number of occasions, I'm sure they're both still elated. Jackson is now the third generation in the Shields family to take the title, so to do it in a year when his partner won the Women's trophy must add to that. Third place went to an amazing effort by 10-time champion Dwayne Herbert diving with his 13 year old son Coby. You really get a feel for these spearfishing family dynasties reading these results!

Finally, we would like to thank all the sponsors that have contributed to our competitions, the organisers and volunteers that make them happen and the divers who turn up, new and old, to make it all worthwhile.

UNDERWATER HOCKEY New Zealand Inc.



New Zealand Underwater Hockey teams having fun.

Extracted from UWHNZ 2021 Annual Report





2020 was a very interesting year and like many organisations, Underwater Hockey NZ faced a number of challenges.

Although the unexpected changes included the cancellation of all but 2 tournaments, there are still highlights from 2020 that merit sharing.

Club Nationals was the only open tournament of 2020, in which 33 teams from all over New Zealand entered. The atmosphere around the pool was great as people met up again for the first time all year.

U18 Interzones also went ahead, where the Mid-Northern men's team fielded an exceptionally strong team to take Gold for the first time.

New clubs of note include two in Auckland and one in Taupo - and the Gannets have re-joined UWHNZ as an affiliated club.

Our work with Sky Sport Next to provide live streaming of events continues. The live streaming of the U18 Interzone tournament was a great success. Many thanks to those who commentated and worked behind the scenes to get the feed going.

Unfortunately, 2020 Elite and Masters World Championships were postponed. We are still in a holding pattern to see when we will be able to confirm a date. We are also re-evaluating whether there will be a worldwide tournament in Turkey in 2022.

We have been working on initiatives to support our sport and are looking at ways to provide the necessary support to our members to ensure that we maintain our spot as the number one country in underwater hockey.

HIGH DEVELOPMENT COACHING

As a result of the current uncertainty with future international tournaments, the Executive began working with the coaches from all New Zealand teams to develop a High Performance Plan for the next few years. This plan is designed to develop specific areas in each of the 'groups' of players as well as looking at other areas of possible development for the sport. As part of this plan, UWHNZ are looking at establishing development weekends where players of all ages are welcome to attend. The aim of these weekends is to keep players motivated and engaged in underwater hockey in these uncertain times. UWHNZ would like to thank Liam Watson, Rebecca Brosnan, Bruno Brosnan, Lisa Thompson, Ben Foreman, Tristan O'Neale, Warwick King and Tristan Reynard for their time and all of the hard work they have put into developing this plan.



Club Nationals A grade winners Mauao



Club Nationals B grade winners Fins B



Club Nationals Prem winners Crox

REFEREES

The CMAS UWH Referee Committee is currently working on the establishment and implementation international referee standards. New Zealand is at the forefront of this work with our representative

(Tony Colquhoun) leading the work on the standards and development of the referee courses.

The outcome of this work will provide:

- Referee standards for all levels of referees
- Standard course plans for the three referee courses (level 1, level 2 and the new level 3 course)
- Implementation of a new Level 3 referee course to prepare referees for attendance at World Championships
- Detailed referee evaluation process and guidelines

NATIONAL INTERCLUB CHAMPIONSHIPS - 9TH TO 10TH OCTOBER 2020

- Club Nationals was hosted by the Tauranga Underwater Hockey Club at the Baywave Aquatic Centre in Mount Maunganui, where 33 Teams contested four grades throughout the two-day tournament.
- As the first tournament of the year this was a special tournament with a healthy number of teams from across the country. Games were competed in a great atmosphere and friendly manner with all just being happy to be able to play in a tournament in 2020.
- Based on the number of entries, it was decided to combine A and prem grade for the round robin with the top 4 teams playing off for the Prem grade medals and seeds 5-8 playing for the A grade medals. This worked well providing all teams a good number of games at a high level.



Club Nationals C grade winners Spark



U18 Interzones Northern A vs Central A



U18 Interzones Girls Winners Northern A



U18 Interzones Boys Winners Mid Northern

U18 INTER-ZONE COMPETITIONS - 24TH TO 26TH OCTOBER 2020

- The Under 18 Tournament was held at the Wellington Regional Aquatic Centre over labour weekend. The move to labour weekend worked well avoiding conflict with the NCEA exams and the planned (and subsequently cancelled) Trans Tasman.
- Six teams contested each grade and despite the minimal hockey planned by most of the players prior to the tournament, this tournament was a highly contested competition with a very high standard of hockey being played.
- This tournament was live streamed on the UWHNZ YouTube channel and the semi-finals and finals on Sky Sport Next. This production was an improvement on the 2019 coverage and we must thank the team (Jared Paalvast, Liam Watson, Tristan Reynard, Maddie Foley) for the hard work in putting this together. A review of the coverage has been completed and we are looking at further improvements in the presentation of the live streaming, including additional cameras in water and on land.
- We also want to give special thanks to the teams for their support for pre- and post-game interviews.
- The annual Level 2 Referee course was not run at this tournament due to the low level of interest.

We look forward to further developments in Underwater Hockey, competitions and sporting events as time unfolds. We also wish to express our thanks to all team members, participants, players, referees and everyone involved in helping make this past year a positive one in the face of so many challenges.

THE LEO DUCKER Award

A BRIEF HISTORY AND INTRODUCTION TO THE LEO DUCKER AWARD.

The Late Leo Ducker was a founding member of the Whangarei Underwater Club and of The New Zealand Underwater Association, Established in 1953 as the New Zealand Underwater Research and Spearfishing Association.

Leo Ducker was one of the first people in New Zealand to skin-dive - with an old gas mask over his face and the legs of some old gumboots for flippers.

Leo, recognised as “The Father of Diving” in New Zealand and instrumental in encouraging others to enter the water, is legendary for his efforts at constructing his own diving equipment and conducting experiments in underwater swimming in the forties.

He went on to become a mentor to many divers, including Kelly Tarlton. He was the first person to dive at the Poor Knights Islands and Goat Island Bay, where he said fish weren't found in their thousands but in their millions

In spite of his advancing years and blindness, Ducker continued his involvement with diving, making his last dive shortly before his 90th birthday.

The Leo Ducker Award for outstanding contribution to diving, is presented from time to time by New Zealand Underwater to award and recognise individuals for outstanding service to our marine environment.

Leo Ducker himself presented this award to former conservation minister Nick Smith in 1997 for turning the Poor Knights Islands into a marine reserve, realising one of his long-held dreams.

This award is very special and unique - it is not presented every year and last year it wasn't awarded - a recipient must be nominated for their outstanding contribution.

Recent recipients include Rob Wilson and Serena Cox who founded Ghost Fishing NZ. Based in Wellington, their organisation extracts tonnes of rubbish and discarded fishing equipment out of our oceans each year.

Riley Hathaway who with her father Steve created Young Ocean Explorers, and Daren Shields and Wade Doak who also would need no introduction.

This year's recipient received a unanimous vote from the board and has made numerous significant contributions over the years.

A big-hearted and time-generous man who cares a lot about our marine environment, we're delighted to bestow the Leo Ducker Award upon Scott Macindoe.

A few examples of his incredible commitment and why he is the recipient of the Leo Ducker award include,

1. Instrumental in establishing LegaSea to raise public awareness around marine issues.
2. Voluntary advisor, and more recently a Board Member, of the New Zealand Sport Fishing Council for a decade.
3. Effectiveness in bringing together the diverse communities of Mana Whenua and recreational fishing to generate better understanding of cultural and social values of all New Zealanders.
4. Instrumental in the establishment of option4, a grass-roots response to fisheries reforms in the year 2000.
5. Leading figure in the successful 4-year Kahawai Legal Challenge process that culminated in the Supreme Court decision in 2009.
6. Secretary for the Hauraki Gulf Mussel Reef Restoration Trust.
7. He has also been an Honorary Fisheries Officer

He has contributed a lifetime of work invested in the regeneration of the marine environment, helping communities reconnect with their marine environment and consistently promoted that our natural resources be treated with respect.

Congratulations Scott Macindoe for becoming the 2021 recipient of the Leo Ducker Award.





Image Credit: Lorna Doogan

LEGASEA



Photo credit: Chris Carter

It has been a treat working with Andy Stewart, Andrea Macfarlane, and Stuart Bilbrough of NZUA over the past 12 months. Together we have engaged in advocacy for more conservative catch limits in depleted fish stocks and areas. Despite our best efforts, the decline of scallops, crayfish, and other prized species continues.

On the flip side, we are pleased to have been involved with a range of coastal communities and fishers who are stepping up to protect our fish where the Quota Management System has failed.





Photo credit: Debbie Carter

SCALLOPS

Scallop stocks in the Hauraki Gulf are in decline, particularly around the Coromandel. The New Zealand Sport Fishing Council, NZUA, Coromandel communities and LegaSea are now collaborating to find solutions. We have formed the Coromandel Scallop Restoration Team to ensure a coordinated response.

In December 2020 the Opito Bay community on the eastern Coromandel coast initiated a voluntary ban on recreational take of scallops from the area over the summer. This voluntary ban supported Ngati Hei who declared a rahui, no harvest of scallops from Opito Bay.

To support Ngati Hei and the community in their long-term plan to restore scallop stocks, a citizen science dive survey was initiated to count and measure scallops in Opito Bay. NZUA and Dive Zone Whitianga have been instrumental in the success of this survey, and we are thankful.

CRAYFISH

As packhorse rock lobster numbers rise, they fill niches where red rock lobster are declining. Catches of packhorse are now increasing around Northland and further south. We are pleased the Minister recently decided on a conservative commercial catch limit increase for packhorse around Northland, while also setting aside realistic recreational and customary allowances.

Andy Stewart and John Holdsworth are the two recreational representatives on the National Rock Lobster Management Group. They work with our team to ensure our collective interests are respected, and to prioritise conservative management of our taonga, our precious crayfish.

PĀUA

Paua continues to be a diver's favourite. In 2020 we submitted in support of a 2-year temporary closure requested by Ngai Hapa o Waimarama to rebuild paua stocks around Hawke's Bay. Ministerial approval was given in December.

KAI IKA

LegaSea has developed and facilitated the Kai Ika Project alongside the Outboard Boating Club of Auckland and Papatuanuku Kokiri Marae. The Kai Ika project's popularity is increasing, with international media attention and a recent visit from the Prime Minister.

Since 2016 over 130,000 kilos of fish heads, frames and offal have been collected and distributed throughout Auckland.

This project has successfully brought different communities together, celebrating their diversity while sharing food and reducing waste.

RESCUE FISH

In 2020 LegaSea and the NZ Sport Fishing Council launched the Rescue Fish policy to address fish depletion and biodiversity loss. Our policy solutions include banning bottom trawling, purse seining and dredging from inshore waters.

Inshore habitats contain nursery areas that can be irreversibly damaged by destructive fishing methods.

Please visit the website and sign the petition in support of positive change. www.rescuefish.co.nz

ABOUT LEGASEA

LegaSea is a not-for-profit subsidiary of the New Zealand Sport Fishing Council. Our aim is to educate New Zealanders about the issues facing our marine environment, and support initiatives seeking to achieve more fish in the water for future generations.

EXPERIENCING

Marine Reserves



Snorkelling the caves at the Poor Knights Islands
- Image by Sophie Journee

EXPERIENCING MARINE RESERVES - TE KURA MOANA

The Experiencing Marine Reserves (EMR) programme started in Tai Tokerau/Northland in 2001 with the idea of taking local schools to see unprotected marine areas and comparing them to a fully protected marine reserve or rahui. Seeing huge Tamure/snapper swimming by has inspired thousands of kids to take action for the marine environment and exercise kaitiakitanga - guardianship for their local beach or harbour.

The EMR brand is unique; we have an active focus on community engagement and marine conservation. We are committed to delivering safe snorkel excursions and we are adventure activity safety audit certified (AAO 534). The national expansion of EMR is based on a non-profit franchise concept. Since 2001, EMR has guided 70,928 people through marine reserves and 132,478 have been snorkeling with us all over Aotearoa.

In 2020, the Experiencing Marine Reserves - EMR Team were awarded the Wyland Foundation - Dive New Zealand magazine Recognition Award.



THIS YEAR WE CELEBRATE 20 YEARS!

Titiro ki te moana - EMR will take you down under!

The 20th annual Poor Knights competition trip takes place in May 2021. Rangatahi (youth) and their whanau from all over Aotearoa are able to explore the Poor Knights. Students are selected based on their action projects undertaken and enthusiasm they show when studying & experiencing the marine environment. This trip is made possible thanks to Dive! Tutukaka and the Bobby Stafford- Bush Foundation. "EMR has influenced me to help save the ocean and the marine life below the surface. I will do more and more actions to make the ocean a better place and to teach everyone about the creatures in it." - Eva Whymann, Student at Bay of Islands International Academy

"The smile and joy on every child and parents face today was so rewarding and many comments from parents were that this was the trip of their lifetime" - Monique Baldwin, Tindall Foundation

EMR NORTHLAND

We work very hard to provide many of our programmes for free to our schools, thanks to the support and collaboration of many funders.

We have developed cadetships with mana whenua/moana in Northland and Auckland. We have started to provide pathways for taitamariki/rangatahi to be engaged in our work. Some of our schools have conducted timed-swim fish surveys to determine the abundance of marine life underwater.

Our reach is not limited to school programmes, and during summer we offer community events throughout Northland. Each event involves a community partner and thousands of volunteer hours are contributed each season.

The most popular event in Northland was the Maitai Bay Snorkel Day in January, in partnership with Te Whanau Moana Me Te Rorohuri hapu, with 213 participants and 20 volunteers. Our snorkel days give locals and visitors the opportunity to explore their marine backyard. Along with raising awareness about marine conservation, EMR also promotes the importance of keeping safe in the water over summer.

All Images by Sophie Journee



Auckland cadet Koha Kahui-McConnell guiding Oliver (age 6) around Enclosure Bay, Waiheke Island



Goat Island Snorkel Day participants spotting snapper



Looking for glass shrimp on the rocks at Reotahi Marine Reserve

EMR AUCKLAND

Our Auckland-based team has had a busy summer season, hosting 17 events around the Auckland region. These events range from our standard community guided snorkel days, to island based snorkels, adventure snorkels, guided kayak days and stand up paddle boarding. During Seaweed we held our annual Goat Island snorkel day which saw a record breaking 230 people participate. For many it was their first time snorkelling, so it is exciting for us to help them discover the wonders of our rocky reefs. We also have a fantastic base of volunteers who are critical in helping make our events happen. This season our volunteers have contributed an incredible 1670 hours to our organisation. They assisted as guides on snorkel days, wrangled boogie boards on the safety kayaks, washed and organised snorkel gear like it was a competitive sport, helped us make ratio on school delivery days, ran social media channels and helped us with trailer maintenance - a huge thank you to everyone who volunteers their time, energy and effort to help make these events a success.

VOLUNTEERS NEEDED

EMR relies on volunteers to help run our snorkel days throughout our regions with both in-water and land-based roles. There is no minimum age and training is provided. "I love seeing the beaming smiles on the kids faces as they experience the ocean for the first time. It is such a pleasure to show them all the amazing life that lives around our coastlines. It is great that EMR helps increase accessibility for people to connect with our moana. I can't wait for the next season to start!" - Margaret Howard, Volunteer (100+ hours over the season in Northland and Auckland)

Email Sophie Journee on sophie@emr.org.nz for more information about volunteering around NZ and other ways you can support us.

See the EMR website www.emr.org.nz or Facebook page for more information on what our organisation does, how to donate and our upcoming events. EMR is a programme of the Mountains to Sea Conservation Trust (CC#23406).

Sophie Journee and Samara Nicholas - EMR

ROGER GRACE MEMORIAL FUND

In 2019, one of New Zealand's marine conservation heroes, Dr Roger Grace, passed away and left a huge gap in the field of marine ecology and conservation. In honour of Dr Roger Grace and to continue his legacy, a memorial fund was set-up that is administered by the Mountains To Sea Conservation Trust. The priorities of the fund are:

- Long term crayfish monitoring at Tawharanui
- Marine conservation establishment projects (no-take and long term)
- Memorial annual Whangateau Snorkel Day
- Triennial Award for early career recipients for contributions to New Zealand marine conservation and communication, to support and give credence to their future work

A special committee has been established to decide on the use of the funds.



Poor Knights, 2021
- Image by Sophie Journee

YOUNG OCEAN Explorers



Kids inspired by YOE to do a PADI course

With an unprecedented year that has seen changes in the way we work, educate, and interact around the world, it has highlighted the importance of having quality and accessible online resources readily available for teachers.

Young Ocean Explorers was well positioned to deliver in this ever-changing environment.

Since launching www.youngoceanexplorers.com in 2017, the site has generated over 2 million content views and an exciting 825,000 engaged users.

The figures are in fact likely to be quite under-represented, as most of the teachers accessing the website tend to display content on one large screen to an entire classroom of students.

Although positive viewing numbers are extremely encouraging and provide insights as to where and how to expand, it is the impact at an individual and community level that the team at Young Ocean Explorers are truly excited to see.

This is represented through the regular photos and feedback we receive from parents, teachers and students, which are both loved and deeply appreciated by the team.

These are great reminders of the positive impacts of capturing children's imaginations with great story telling. For me as a young kid, reading stories about Zane Grey, or Wade Doak's adventures set my life on a completely different course. We are convinced we are doing this to many children also!

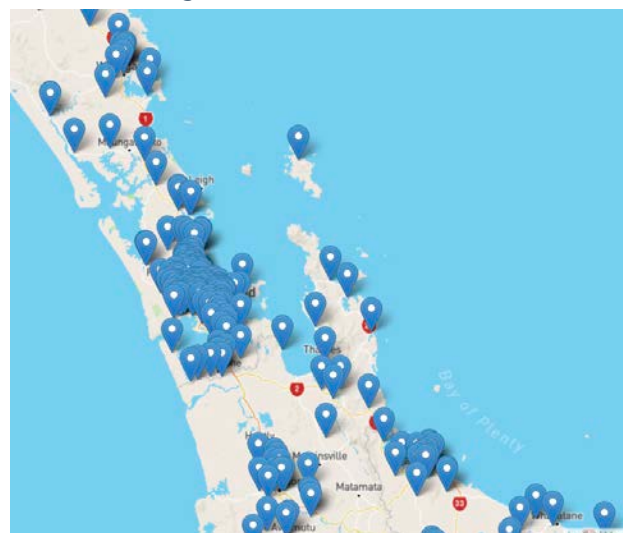
We have also had photos of children completing their PADI courses due to our inspiration ... I've always been sure that we will help influence a new generation of underwater explorers, so it's great to finally start seeing this eventuate.





Photos of children at their school book days – dressing up as Riley. Pretending to be Young Ocean Explorers

Map showing some of the schools who participated in the Challenge



21 DAY CHALLENGE

After nearly two years of preparation, it was fantastic to finally run our inaugural 21 Day Challenge! The theme was 'Restoring the Hauraki Gulf' and fittingly it ran while the eyes of NZ were focused on some incredibly fast foiling boats racing across the Gulf competing in the AC36.

Our initial aim was to have 2000 classes participate but Covid blew apart our marketing plan, with schools locking down and being closed to visitors for much of 2020.

So we decided to scale it back to have 500 classes participate and do it really well, this means we can measure the program and roll it out again in subsequent years (taking on board all the lessons learnt).

To our surprise we actually had 1206 groups register for this our first Challenge, which was made up predominantly of classes, with some home school groups included (reaching more than 30,000 children!).

The 21 Day Challenge is a 21 day guided enquiry, designed to be used in classes, with lesson plans developed by teachers, for teachers. Students learnt about what and where the Hauraki Gulf Marine Park is, significant species found there, issues it faces and also a series of 'Hope Stories'. It featured people who have seen an issue, had an idea and put some steps into place to actually make a difference. (One of these featured Samara Nicholas from EMR).

We believe highlighting stories that are full of hope, with people making a difference are vital for this generation of kids, so they know there is hope for this planet they are inheriting.

The aim of this program is to give tools to this generation of 'Environmental Natives', so they are well informed about 'their' local environment and know they need to make steps to help make a difference

21 DAY CHALLENGE WEBSITE STATS:

Total groups signed to Challenge:	1206
Total plastic picked up and numbers uploaded to our site:	130,014 pieces
Engaged NZ users*	58,944**
Total content viewed	204,685
Total content completed (53% were completed right to the end)	109,422
Total videos viewed	147,580
Total videos completed (47% of videos were completed right to the end)	68,937
Maori content viewed (16% of all content viewed was from a Te Ao Maori perspective)	33,614
Maori content completed (53% completion rate)	17,767
Total minutes viewed (2309 hours of content)	138,523 minutes
Total minutes of Maori content (37 hours of content 16% of all time spent on Maori content)	22,321 minutes

*An engaged User is someone who actually interacts with content on the website

**With all the stats take into account the most common way for classes to use our site is to have all the students watching one screen. E.g A class of 28 children watching the TV screen only counts as one view or engaged user.

We had lots of amazing feedback:

"You're inspirational - keeping us all on track protecting our oceans! Thank you so much!" Teacher

"Thank you for the 21 Day Challenge idea and amazing resources. Our kids are super excited to get involved! It is so cool!" Teacher

We had schools from all around NZ participating, with the highest density around the Hauraki Gulf Marine Park catchment area.



NATIONAL YOUNG LEADERS DAY (NYLD)

We were again privileged to be a part of this inspirational event, which travels around 6 different centres around the country, reaching many thousands of students.

Riley was one of the main speakers, wowing the students at each event and I was stoked to give presentations to all the teachers.

I'm constantly reminded about how little New Zealanders appreciate and know about our stunning marine world ... I often say in NZ we're incredibly good at celebrating our native species, like Kiwis, Keas and Kauri trees. But these are all only terrestrial - our ocean actually is about 93% of NZ and scientists estimate that about 80% of our native species are found in it!! I think it's time we brought the underwater story of NZ into the Kiwi story ... our nations best stories haven't been told yet!

'THE SECRETS OF THE WHALES' AND OTHER FILMING

I've been busy filming for a number of International documentaries, including recently spending a month out at sea filming false killers whales. Something that is common that all these productions have are very strict NDA's (non-disclosure agreements), where we can't say anything publicly about who the production company is or specifics about the shoot.

So it's very exciting when a documentary is finally released and we can actually talk about some of the phenomenal encounters we have had. 'The Secrets of the Whales', which has just started screening on Disney Plus features an incredible underwater sequence I filmed in 2019.

I was in the water filming orca playing with a rope and buoy from a cray pot. When all of a sudden the large male orca swam up from the depths and lay motionless in front of me ... initially I thought this encounter would only last for a couple of seconds, as after hundreds of underwater encounters with orca, this is an incredibly rare event having an orca lay still like this.

Once I swam around the animal I quickly realised that this animal wasn't laying still just so I could film it, it had actually got tangled with the rope and was waiting patiently for us to release it ... WOW!! You'll have to watch it on Disney Plus to see how this epic sequence unfolds!

'LEARN TO DRAW' VIDEOS

We're stoked to see how popular our 'Learn to Draw' Videos have been. We have had lots of drawings from students all around NZ sent to us and the videos have had over 55,000 views.

[Learn to Draw videos](#)

Check them out and see how you go drawing a great white shark or a brydes whale.

So it's been an awesome year for us and we're looking forward to even more great things next year!

Steve.

AUDITED Accounts



Image courtesy of Lorna Doogan (EMR)

Annual Financial Statements

New Zealand Underwater Association Incorporated
For the year ended 28 February 2021

Prepared by BDS Chartered Accountants Limited

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7	Statement of Changes in Equity
8	Balance Sheet
9	Depreciation Schedule
10	Notes to the Financial Statements

Directory

New Zealand Underwater Association Incorporated For the year ended 28 February 2021

Postal Address

PO Box 875, Auckland, 1140

Auditor

Hart & Co Chartered Accountants
100/5 Bush Rd, North Harbour, Auckland 0632

Chartered Accountant

BDS Chartered Accountants Limited
PO Box 7277, Victoria St, Auckland 1010

Solicitor

Anthony Harper
66 Wyndham Street, PO Box 2646, Auckland, 1140

Bankers

Westpac Bank

Statement of Profit or Loss

New Zealand Underwater Association Incorporated For the year ended 28 February 2021

	NOTES	2021	2020
Revenue			
Sales		2,782	2,742
Total Revenue		2,782	2,742
Gross Profit			
		2,782	2,742
Other Income			
Depreciation Recovered		-	754
Dividends Received - Non-Taxable Distribution		-	13
Dividends Received - Taxable Distribution		243	347
Donations received		108	41
Grants / Sponsorship Received		94,114	35,950
Interest Received		19	17
Membership - Associate		727	413
Membership - Club		2,957	3,391
OPEX tenancy		4,805	8,315
COVID Wages Subsidy		12,888	15
Net Rent Received		40,220	56,578
Total Other Income		156,082	105,835
Income from Related Entities			
Partnership Income/(Loss) - Air Purity Holdings LP	7	15,502	2,584
Total Income from Related Entities		15,502	2,584
Total Income		174,365	111,161
Expenses			
Accident Compensation Levy		192	88
Accountancy Fees		9,805	13,889
Advertising/Marketing		3,743	3,766
Annual General Meeting		3,942	5,649
Audit Fees		3,866	7,593
Bank Charges		50	50
Board Expenses		2,025	2,359
Board Honorarium		1,000	3,500
Body Corporate		7,008	6,584
Cleaning & Laundry		740	2,578
CMAS Affiliation		3,332	1,330
Computer Expenses		5,126	3,712
Conference Expenses		195	-
Depreciation		1,481	1,875
DES - Reporting & Recording		482	649
Dive Safe Expenses		6,910	15,793

The accompanying notes form part of these financial statements.

	NOTES	2021	2020
Entertainment		(11)	262
General Expenses		-	12
Insurance		3,835	5,275
Interest		-	4
Legal Expenses		3,527	1,276
Light Power & Heating		1,886	2,473
Loss on Sale of Fixed Assets		1,587	-
Maritime expense		5,990	27,512
Payroll proccess cost		284	-
Printing & Stationery		253	14
Project - Environmental Expenses		254	150
Rates		6,597	6,394
Repairs and Maintenance		3,459	390
Safer Boat Forum		-	360
Security		260	445
Sport NZ		6,356	8,813
Staff Expenses		231	788
Subcontractors		24,055	21,501
Telephone, Tolls & Internet		3,292	3,383
Travel and Accommodation		(60)	7
Wages and Salaries		16,926	20,308
Total Expenses		128,617	168,781
Net Surplus/ (Deficit)		45,748	(57,620)
Non-Deductible Expenses			
Penalties		-	101
Total Non-Deductible Expenses		-	101
Net Surplus/ (Deficit)		45,748	(57,721)

Statement of Changes in Equity

New Zealand Underwater Association Incorporated For the year ended 28 February 2021

	NOTES	2021	2020
Equity			
Opening Balance		516,235	577,830
Surplus & Revaluations			
Net Profit / Loss		45,748	-
Movements in Capital Reserves		-	(3,873)
Movement in Interest in NZ Underwater Trust Ltd		2,127	-
Total Surplus & Revaluations		47,875	(3,873)
Deficit			
Net Profit / Loss		-	57,721
Total Deficit		-	57,721
Total Equity		564,110	516,235

Balance Sheet

New Zealand Underwater Association Incorporated As at 28 February 2021

	NOTES	28 FEB 2021	29 FEB 2020
Assets			
Current Assets			
Cash & Bank	4	4,292	18,582
Accounts Receivable		9,543	650
Related Party Receivables	6	43,057	6,419
Total Current Assets		56,892	25,651
Non-Current Assets			
Trademarks		446	446
Share Investments	5	514,111	511,984
Intangibles	8	6,400	-
Property, Plant and Equipment (as per the Depreciation Schedule)		11,301	6,247
Total Non-Current Assets		532,258	518,677
Total Assets		589,150	544,329
Liabilities			
Current Liabilities			
Accounts Payable		2,307	3,930
Sundry Creditors & Accruals		20,844	22,353
GST Payable		1,889	1,811
Total Current Liabilities		25,040	28,093
Total Liabilities		25,040	28,093
Net Assets		564,110	516,235
Equity			
Retained Earnings		218,469	170,594
Capital Reserve		345,642	345,642
Total Equity		564,110	516,235
Net Equity		564,110	516,235

For and on behalf of the Board;

Chairman _____

Date 21 May 2021

The accompanying notes form part of these financial statements.



Depreciation Schedule

New Zealand Underwater Association Incorporated
For the year ended 28 February 2021

ASSET NUMBER	NAME	COST	OPENING VALUE	PURCHASES	SALE PRICE	LOSS	DEP RECOVERED	CAPITAL GAIN	RATE	METHOD	DEPRECIATION	CLOSING ACCUM DEP	CLOSING VALUE
Furniture & Fittings													
FA-0007	Security Alarm Panel	1,882	188	-	-	-	-	-	25.00%	DV	47	1,741	141
FA-0024	Chairs x 7	1,400	570	-	-	-	-	-	16.00%	DV	91	921	479
Total Furniture & Fittings		3,282	758	-	-	-	-	-	-	-	138	2,662	620
Motor Vehicles													
FA-0047	Ford Focus	4,348	3,587	-	2,000	1,587	-	-	30.00%	DV	-	-	-
Total Motor Vehicles		4,348	3,587	-	2,000	1,587	-	-	-	-	-	-	-
Office Equipment													
FA-0011	Server	4,944	15	-	-	-	-	-	50.00%	DV	8	4,936	8
FA-0015	Signwriting	2,741	257	-	-	-	-	-	11.40%	DV	29	2,514	227
FA-0031	HP T1500 G3 Power System	865	65	-	-	-	-	-	40.00%	DV	26	826	39
FA-0032	Air conditioning	782	248	-	-	-	-	-	20.00%	DV	50	584	198
FA-0043	Notebook HP ProBook 640 IntelCore i5 & Kingston 4GB SDRam	1,825	-	-	-	-	-	-	40.00%	SL	-	1,825	-
FA-0044	Notebook HP ProBook 640 IntelCore i5 & Kingston 4GB SDRam	1,825	-	-	-	-	-	-	40.00%	SL	-	1,825	-
FA-0045	HP 3005pr USB Port Replicators x2	558	208	-	-	-	-	-	17.50%	SL	98	448	110
FA-0048	Printer	1,301	1,084	-	-	-	-	-	40.00%	DV	434	651	651
FA-0051	Web Camera	636	-	636	-	-	-	-	50.00%	DV	212	212	424
FA-0052	Air Conditioning Unit	9,486	-	9,486	-	-	-	-	20.00%	DV	474	474	9,012
Total Office Equipment		24,963	1,877	10,122	-	-	-	-	-	-	1,330	14,294	10,669
Website Development													
FA-0034	Website development 50%	738	25	-	-	-	-	-	50.00%	DV	12	725	12
FA-0042	Website build progress	2,700	-	-	-	-	-	-	40.00%	SL	-	2,700	-
Total Website Development		3,438	25	-	-	-	-	-	-	-	12	3,425	12
Total		36,031	6,247	10,122	2,000	1,587	-	-	-	-	1,481	20,381	11,301

Notes to the Financial Statements

New Zealand Underwater Association Incorporated For the year ended 28 February 2021

1. Statement of Accounting Policies

The financial statements presented here are for the entity New Zealand Underwater Association Incorporated, and its incorporated under the Incorporated Societies Act 1908. According to the constitution the Association has two other branches namely, New Zealand Underwater Sporting and New Zealand Underwater Hockey.

Under the Income Tax Act Section 24-120 Non-profit body and Section 24-130 Sports club, the association is not liable for income tax with the exception of income derived from non members and commercial activities greater than \$1,000.

These financial statements are a special purpose report.

Measurement Base

The accounting principles recognised as appropriate for the measurement and reporting of earnings and financial position on an historical cost basis have been used, with the exception of certain items for which specific accounting policies have been identified.

Changes in Accounting Policies

There have been no changes in accounting policies. Policies have been applied on a consistent basis with those of the previous reporting period.

Differential Reporting

New Zealand Underwater Association Incorporated is a qualifying entity in that it qualifies for Differential Reporting as it is not publicly accountable and is not considered large. All Differential Reporting exemptions have been applied.

Goods and Services Tax

All amounts are stated exclusive of goods and services tax (GST) except for accounts payable and accounts receivable which are stated inclusive of GST.

Fixed Assets

All fixed assets (other than buildings) are recorded at cost less accumulated depreciation. Depreciation of the assets has been calculated at the maximum rates permitted by the Inland Revenue Department.

A deduction for depreciation on buildings ceased from 1/04/2011. Buildings that have been depreciated up to 31/03/2011 show at their book value as at 31/03/2011. Buildings that have been acquired or commenced taxable activity after 31/03/2011 are shown at cost.

Accounts Receivable

Receivables are stated at their estimated realisable value. Bad debts are written off in the year in which they are identified.

Grants

Grants received are recognised in operating revenue, unless specific conditions attach to the grant and repayment of the grant is required where these conditions are not met. In these cases, the grant is treated as a liability until the conditions are met.

2. Audit

These financial statements have been subject to audit, please refer to Auditor's Report.

3. Principal Activities

The principal activities of the association are that of promotion of safety in diving and amateur underwater activities to the public.

	2021	2020
4. Cash & Bank		
Westpac Saver Account	1,233	7,230
Westpac Cheque Account	3,059	11,352
Total Cash & Bank	4,292	18,582
	2021	2020

5. Share Investments

Interest in NZ Underwater Trust Ltd (4 Shares)	514,111	511,984
Total Share Investments	514,111	511,984
	2021	2020

6. Related Parties

Related Party Receivables		
Air Purity Holdings LP	34,038	18,150
NZUA Dive Publishing	19,150	-
Total Related Party Receivables	53,188	18,150
Related Party Payables		
NZ Underwater Trust Ltd	10,131	11,731
Total Related Party Payables	10,131	11,731
Total Related Parties	43,057	6,419
	2021	2020

7. Partnership Income/(Loss) - Air Purity Holdings LP

Partnership Income / (Loss) - Air Purity Holdings LP	(15,502)	(2,584)
Total Partnership Income/(Loss) - Air Purity Holdings LP	(15,502)	(2,584)
	2021	2020

8. Intangibles

Goodwill on Acquisition of NZUA Publishing Limited	6,400	-
Total Intangibles	6,400	-

9. Associated Persons Transactions

New Zealand Underwater Association is associated with New Zealand Underwater Trust and NZUA Publishing Limited. Some management of the Association also act as Trustees of the Trust and the Company. Interest in New Zealand Underwater Trust and NZUA Publishing Limited is also disclosed separately in the Balance Sheet. Other than this, no material associated transactions are noted.

10. Contingent Liabilities

At balance date there are no known contingent liabilities (last year: \$Nil). New Zealand Underwater Association Incorporated has not granted any securities in respect of liabilities payable by any other party whatsoever.

11. Securities and Guarantees

There was no overdraft as at balance date nor was any facility arranged.

NEW ZEALAND UNDERWATER ASSOCIATION INC
INDEPENDENT AUDITOR'S REPORT
FOR THE YEAR ENDED 28 FEBRUARY 2021

To the Members of the Association of New Zealand Underwater Association Inc.

Opinion

We have audited the financial statements of the New Zealand Underwater Association Inc which comprise the Balance Sheet as at 28 February 2021, Statement of Profit or Loss and Statement of Changes in Equity for the year ended, and a Summary of Significant Accounting Policies and Other Explanatory Information.

In our opinion, the financial statements present fairly, in all material respects, the Balance Sheet of New Zealand Underwater Association Inc as at 28 February 2021, Statement of Profit or Loss, Statement of Changes in Equity for the year ended on that date in accordance with PBE SFR-A(NFP)Public Benefit Entity Format Reporting – Accrual (Not for Profit).

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing (New Zealand) (ISAs(NZ)). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of New Zealand Underwater Association Inc in accordance with Professional and Ethical Standard 1 (Revised)Code of Ethics for Assurance Practitioners issued by the New Zealand Auditing and Assurance Board, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion. Other than in our capacity as auditor we have no relationship with, or interests in, the New Zealand Underwater Association Inc.

Board's Responsibilities for the Financial Statements

The Board are responsible for the preparation and fair presentation of these financial statements in accordance with PBE SFR-A(NFP)Public Benefit Entity Format Reporting – Accrual (Not for Profit) and for such internal control as the Board determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Board are responsible on behalf of the New Zealand Underwater Association Inc for assessing the New Zealand Underwater Association Inc's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Board either intend to liquidate the New Zealand Underwater Association Inc or to cease operations, or have no realistic alternative but to do so.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with ISAs (NZ) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the decisions of users taken on the basis of these financial statements.

Auditors



Hart & Co - North Shore
Chartered Accountants
Albany, Auckland

19 May 2021

NEW ZEALAND
Underwater
ASSOCIATION