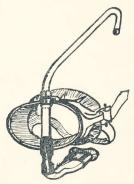


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SNORKEL

Vol. 3, No. /

JANUARY, 1955

Official Organ of the U.S.F.A. of Victoria.

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All copy should be sent to The Editor, Don Brown, 61 Kerferd St., East Malvern. Responsibility is accepted only for Editorial comment and opinion.

Advertising matter only to N. Welsford, 63 North Rd., Oakleigh.

EDITORIAL

THE curtain falls on another Australian Convention.

The inevitable comments-enthusiastic, disappointed, and noncommittalhave been made. It is a tribute to the organisers that most spearmen thought the camp the best yet.

A Convention like this brings the benefits of our chosen sport very much to the fore. There is an element of enjoyment and comradeship which seems to be all too often lacking in the world today.

We can't all be champions; but we can enjoy ourselves in complete freedom. Regardless of our successes, we should be thankful for the privileges afforded a democratic civilization.

The main feature of the Convention was unfortunately the need for a greater sense of safety.

Snorkel has already said plenty on this subject. We will continue this theme while accidents keep occurring.

Prior to the Convention, Laurie Burns lost his life tragicaly-the first spearfishing fatality in Victoria. During the camp several incidents were happily prevented from becoming similar tragedies.

Already Geelong councils have decided to seek State Government investigation of spearfishing with a view to controlling it. Every fisherman must deem it his duty to know the Association rules backwards, and develop his commonsense and responsibility to the limit.

The Australian way of life and our sport are very precious. They symbolize the freedom of the individual. Let us keep them that way.

OUR COVER

Australian and N.S.W. Open **Champion Barry May with Paul** Doughty and the terrible twins. David and Warwick Bruce, also from N.S.W. The boys took the fine bunch of crays from Barwon Heads.

WHAT'S ON

Jan. 29

- to 31 Australia Day Weekend Camp at Cape Patter-son. Members will be notified of details.
- Feb. 6 Third Aggregate at Mornington.
- Feb. 20 Fourth Aggregate, Victorian Championship at Flinders.
- Feb. 27 Social at Rickett's Point.

GOVERNMENT INQUIRY SOUGHT

By "Kaybee"

The Victorian State Government is to be asked to investigate the problems associated with spearfishing.

The government will also be asked to determine whether the sport and sales of spearguns should be controlled.

THE request will be made by the Newtown and Chilwell City Councils, Geelong, Victoria.

The Council, which will make the aproach through Mr. D. Ferguson M.L.C., suggested an age limit of 18 years for users of spearguns.

Cr. H. R. Leach, who raised the question at a council meeting, said spearfishing was more popular than ever before and, he predicted, would soon spread to inland streams.

"I think it is time this Council made a move to see if the guns cannot be issued to persons over the age of 18 years," Cr. Leach said. "They were nearly the cause of three tragic accidents at Barwon Heads during the holidays."

The Chairman of the Parks and Gardens Committee, Cr. F. W. Stinton, agreed that some form of control should be imposed on the sport, and that an age limit was desirable.

DANGEROUS

AFTER Cr. Leach moved that Mr. Ferguson be approached, Cr. T. Wiggs said the guns were dangerous in the hands of youngsters, but declared that otherwise they were a hazard only if left loaded on the beach.

Cr. Wiggs deplored the possibility of further regulations in this "already-too-regulated society."

Cr. A. L. David seconded the motion.

The Mayor, Cr. W. A. Bodey, said a better age limit might be 17. A youth of 17, he said, had a lot of responsibility. The motion was agreed to unanimously.

DEPLORABLE

While I can't help but agree with the findings of the Council, I think it is deplorable that spearmen, whether in U.S.F.A. or not, should ever let their sport become the object of an investigation.

An age limit certainly seems to be the answer, although once again the few are making it hard for the majority.

Don't spearmen realise that by such investigations we are playing right into the hands of those few who want this new sport banned altogether?

(Continued on Page 16)

HIGH JINKS AT EDEN

Three keen spearies made a lightning trip to sunny Eden as soon as the Convention finished.

Lindsay Morris, Phil Barlow and Neil Welsford spent five days at secluded North Head where the groper broke 150 lb. braided nylon like cotton and the tuna leaped ten yards offshore.

The full story of the trio's eventful trip will appear in the February "Snorkel".

The boys met plenty of wobbies—speared a six footer, made deep dives after big blues, and learned to fish the N.S.W. way.

Then there was the one that was just too big for Phil Barlow, who was last seen steaming north past Wollongong at a rate of knots, clicking his heels in the air and shouting "Yoicks, tally-ho!" as he flourished a U.S.F.A.V. club flag.

THIRD CONVENTION OPENS

By "Maddie"

The Third Annual Spearfishing Convention got under way with the setting up of camp at Pt. Lonsdale on December 28.

The first outing was a social. Two boats crammed full of spearmen from every state left the Queenscliff Pier for Pope's Eye Beacon.

THIS man-made island shaped in a U is surrounded by a deep layer of bull kelp. It was soon swarming with spearies.

A few enthusiasts cast off while the boats were circling to anchor, and swam ashore through the dangerous weed and currents.

Aqualungers enjoyed a dive in clear water from 25 to 35 feet deep, while all the spearmen took good hauls of fish.

Our visitors from northern waters couldn't complain about the water temperatures. They shivered too much to talk!

A marked contrast was noticed in the artillery used for knocking the denizens of the deep rotten. The massive 4 rubber shoulder carbines (cannons) used by the New South Welshmen were an interesting comparison with the lengthy captive spear spring-guns used by the South Aussies.

On December 29, Don Holland conducted a demonstration of aqualunging and spearfishing by members to a crowd of about five hundred. The boys were called "Dick" Charles' Performing Spearmen."

At 3 p.m. the Mayor of Queenscliff, Cr. J. R. Golightly, officially opened the Convention.

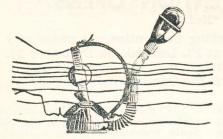
EVENT RESULTS

Results of events on page 14.



STAN LEWIS, second from left, with the 7 ft. octopus he pulled barehanded from a rock pool at Pt. Lonsdale. Others are from left—Ralph Newman, Don Holland, Ken Fuhrer and Alan Gamble.

From France comes this sensational new development . . .



THE "MARINO" ONE

PIECE

Swimming & Diving MASK

It's patented

DOUBLE CHECK VALVE

with a built-in breathing tube, makes "MARINO" the only sporting mask that permits carefree diving and swimming in any position.

SWIM AND DIVE WITH CONFIDENCE

Whether you dive to the depths or splash at the edges, on sea or lake, the "MARINO" is the perfect aid to the advanced swimmer — beginner — diving novice — and the over-nervous. Its patent valve system ensures perfect water tightness. Being fitted with a diving compensator, the mask cannot collapse on your face.

SWIM AND DIVE WITH COMFORT

There are no separate breathing tubes to obstruct vision; there is no lip irritation, jaw fatigue, teeth strain or undue coldness. Adjustable ear pads save damage to ears by water.

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HOBART: A.D.C. Trading Co., 156 Elizabeth Street.

THE AUSTRALIAN TITLES

By "Maddie"

The day of the Australian Open Championship—Sunday, January 2—dawned with a hot northerly blowing.

At first it was decided to cancel the event, but as better weather seemed unlikely, members were finally told to sign on at 10.30 a.m.

CONTESTANTS were allowed to fish anywhere on the Dellarine Peninsula, and were to weigh in at dusk. During the ten or so hours of the event, spearmen were scattered over an area of quite a few square miles.

N.S.W. WINS

Though the weather conditions seemed to indicate small catches, the N.S.W. boys scooped the pool with good hauls by Barry May, Warwick and David Bruce taken from Barwon Heads.

The points separating Barry May and David Bruce were so small that the championship literally changed hands several times before Barry was declared the winner.

An interesting point about Barry's splendid win was seen in a remark by a Victorian contestant:—"We thought the Barwon Heads' water a little rough, but when we saw the N.S.W. boys in there arguing the toss with the big 'uns, we followed suit. But we wouldn't have gone in if they hadn't been there." Which only goes to show the different methods and conditions of fishing in each state.

(Continued on Page 15)



SOCIAL OUTING at Pope's Eye Beacon. Spearies have a spell on the jetty after a heavy session with the fish.

SAMMY THE SPEARMAN

By "KAYBEE"

Last month we learnt how to take up spearfishing. Now we go with a new chum on his first exciting trip into the "Silent World."

Fully equipped and suitably encouraged, we follow our tutor, Sammy Spearman, on his first underwater trip.

Sammy's first step is to gather all of his gear together the night before and pack it into an army kit-bag. The kit-bag is chosen for this particular reason:

Sammy gets into a crowded bus on his way out for the day. He is discovering that an army kit-bag is about the most cumbersome thing it is possible to have.

There is a real — and rapidly vanishing — art in avoiding a fight as you drag it over people's feet, muttering excuses and flashing smiles until you reach the end of the bus.

Having negotiated this perilous crossing safely, Sammy heaves a big sigh of relief and drops the bag to the floor . . . only to find some silly b—— has put his foot under it, and the blue is on again. In the midst of calming the irate passenger, Sammy finds he has arrived at his destination. So picking up his gun and gear, he goes through the whole procedure again.

Finally he manages to get out of the bus and collapses in the gutter from sheer exhaustion. This is the big test! "Is it worth while?" he asks himself. Visions of a huge buttery swim before his eyes. He's convinced. It is worth while.

He rises from the gutter encouraged, only to find the nearest the bus goes to the beach is three miles. Now if he had only caught that other bus . . But Sammy is made of stern stuff. He picks up his gear, loads that heavy kit-bag onto his broad back, sets his lips and staggers off. He's about ready to give the game away at the half-way mark, but that vision is still there.

After what seems like hours, Sammy catches a glimpse of the sea — or is it a mirage? Happily, it is not. He stumbles forward like a man dying of thirst when he spots a lone oasis. He reaches the edge of the road and gazes triumphantly at the water. But what's this? Oh, no! It can't be. But it is — a cliff!

By this time Sammy is so tired that it looks like the highest cliff in the world. He debates whether to throw the gear down and jump after it or climb down and carry it with him.

Commonsense prevails. Sammy climbs down and carries it. Some 1¹/₂ hours, five falls, and 60 bruises later he reaches the bottom. Here at last. A new, enthusiastic, happy spearman.

Sammy flings his gear on to the sand and starts to unpack, singing happily as he changes. Finally dressed in all his gear and looking just as a tough, ruthless spearman should, he happily skips the 500 yards to the water's edge.

Preparing to take the plunge, he suddenly notices spots of water on his mask. Funny — he hasn't been in yet. Streuth! It's raining! Horrorstruck he remembers the clothes left scattered over the beach.

Sammy turns to run as the rain gets heavier. He must get those clothes under shelter. In his haste he trips over his flipper, and then, the heavens open up.

The intrepid Sammy, disillusioned, heartbroken, just lies on the rock sands and cries tears of blood until the rain stops. He has had time to think while lying there, and decides to give spearfishing away. He'll advertise his gear in "Snorkel' tomorrow.

With bowed head and sagging shoulders Sammy walks the 500 yards

(Continued on Page 12)

Page Seven

Photography-

HOW TO PROOF YOUR CAMERA

By Bill Young-Part 3

Any camera can be used successfully in underwater work, providing certain features are carefully noted.

Some of these features, which make for ease of operation and clarity of pictures have been discussed before,

TO refresh your memory, we shall cover again the—

Automatic Film Stop:

This permits the operator to wind on film without troubling about checking to see if he has wound on too far.

Self-cocking Shutter:

Eliminates an extra control arm and waterproofing gland.

Shots per Film:

Many pictures per loading saves a lot of time and a lot of air if using a breathing unit. It also means less wear on the camera box main seal. **Position of Controls:**

Large and easily accessible controls give the best positive action. These four main points must be

strictly adhered to.

It is difficult to stipulate any one design for a camera, as most readers will have already decided on the type they want. Each camera will have to have an individual scheme for positioning controls and methods of drive from the camera to the external controls.

The most widely used waterproof gland is the neaprene rubber ring type. This is simply a ring slipped over the control drive and tightened by a glandular nut.

CONTROLS

WHILE the more controls will result in a more versatile camera there will be a greater risk of leaks and more difficulty in construction.

The controls may be listed in order of importance as:-

- 1. Shutter cock and release (if nonautomatic).
- 2. Film reset.
- 3. Focus.
- 4. Aperture setting.
- 5. Shutter speed.

Cock and release, and reset controls are necessary for even the most simple work. A focus control is a big help if the subject matter is varied. Aperture is essential when working under constantly varying light conditions, while shutter speed can often be omitted.

A viewfinder is of course essential. A simple wire frame at the front of the box and an aiming post at the back are quite satisfactory.

If the cameraman is working in rough water, large handles on the side of the enclosure will increase his control.

(Continued on Page 16)



DICK CHARLES gives conventioneers a burst during the opening ceremony.





STURDY — ACCURATE — POWERFUL ischarge — Powerful Tandem Rubbers — § in. Spear and large Barb — Stainless Mechanism — Bayonet. SYDNEY PRICE, £8/10/-



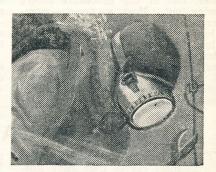
BANTAM — Compact powerful weapon with gold anodising. Wrist support and anti-jump fins. Loads any tension. Replaceable rubbers and spears. Low priced, powerful and accurate. SYDNEY PRICE,

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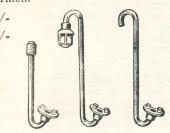


Definitely fits any face. Fitted with aircraft SAFETY "GLASS" — solid brass fittings.

SYDNEY PRICE, 14/-

GUN BUILDERS

MECHANISMS	12	0
with long trigger		0
RUBBERS 9/16"	19	6
Tandem	39	0
5/8"	25	0
BARBS, Cone	8	3
Diamond	8	11
Stainless or hardened tool steel and		
larger barb wings	12	9
SPEARS, with trigger and wire slots	17	6
With heavy duty barb	25	0



SNORKELS

S Model

with ball ...

12/-

10/-

14/-

ARE WE TO BLAME?

By W. S. Hartrick, Pres. U.S.F.A.V.

Criticisms of spearfishing have lately begun to make themselves heard.

Someone gets shot with a speargun! Someone gets drowned! A line fisherman complains we have spoilt his fishing.

THE cry goes up-"Why don't we control our members?" The Association can't stop a member from fishing alone. However, we do strongly advise that any spearman, whether fishing alone or not, should take a float. It could, and has, saved a life.

There should not be one member, ignorant of the rule forbidding the loading of guns before entering the water, and of the procedure before coming out. Most spearmen-members or otherwise-surely realise that a loaded speargun on a beach is a killer. We can enforce our safety rules on our Members-but non-members can tell us to go to blazes. I sympathize with line fishermen

who are disturbed by larrikins frolick-

ing around their lines. I'll wager the culprits are non-members, or they would be conversant with our rule forbidding fishing within 50 yards of anglers.

W/E can control our members al-

right; it's the irresponsible lout who brings discredit to a good, clean sport who needs controllilng. For every member of the U.S.F.A., there are about 10 non-members. Why should we be blamed for all that goes on?

In France, you could not buy a speargun unless you joined a registered spearfishing club.

That's the only way all spearmen could be controlled, although it is in direct conflict with the freedom that Australian sportsmen enjoy.

PERSONAL PARS

VERY interesting to see the blokes with more curves than Jane Russell come out of the water during the treasure hunt. Seems they stuck the pieces of angle iron down their sealskins instead of returning with only one at a time. Then there were the many-no names, no pack-drillwho were caught busily burying their loot in the sand and taking quick bearings from the pier for a quick return. * * *

ON a certain day a lot of people saw Phil Barlow sitting astride a new Triumph 700 looking very white about the gills. Seems like Phil is a bit impatient. He tried to make his own private gate into the site at about 30 m.p.h.!

* * *

THAT ruffian from N.S.W. Dave Morrison, had bad luck while re-

turning home to Leichhardt, Sydney. The boys decided to give Eden a bash on the return trip, but at Orbost one of the pistons of Dave's car decided to have a look outside the motor. This created rather a nasty hole. Quite unperturbed (apart from financially) they continued the trip with Dave getting a tow the remainder of the distance.

* *

×

DID anyone tell Stan Lewis to clean the rabbits before he made them into stew? We suppose it doesn't matter when you've got your head in a kero. tin and can't see what you are eating.

JOE Wilkinson of N.S.W. took the biggest fish of the camp-a 91 lb. buttery from Indented Head. Surely this must be the biggest this season. "SNORKEL"

Page Eleven

THRILLS IN LUNG EVENT

By "Maddie"

The Aqualung event proved to be one of the highlights of the Convention.

The show was organised by the newly-formed Victorian Sub-Aqua Group.

MORE than just an ordinary sense of direction was needed, and a large crowd turned up on the Queenscliff jetty on January 1 to see the fun.

All competitors had to sign their names on four slates placed in a zigzag formation over the course. The slates were marked by buoys and were at about 100 yard intervals. Ralph Newman (N.S.W.) used all

Ralph Newman (N.S.W.) used all his air trying to find the first buoy. At times the red balloon tied to him was seen heading out towards the Rip.

The general opinion was that the course was harder than it looked, which gave credit to John Brook of South Australia who won without loss of points.

NEW NAME FOR USFAA

The Underwater Spear Fishing Association of Australia has changed its name.

The new title is the Underwater Skindivers' and Fishermens' Association of Australia—same initials but different wording.

The Australian committee decided to make the change because the old title was misleading to the public. Now they will realise the Association consists not only of spearmen but enthusiasts who are taking a very active interest in exploratory, photographic and research work.



MEMORIAL SERVICE for Laurie Burns. From left to right: Dick Charles, Bill Hartrick and Don Holland adjust the wreath which Don dropped over the spot where Laurie was last seen. "SNORKEL"

Page Twelve

SAMMY

(Continued from Page 6)

of sand he had skipped so gaily across before. Sadly he changes into his wet clothes, stuffs his wet gear into his wet bag, climbs up the wet cliff, and stands muddy and dejected on the wet road.

Here comes someone along the road. Unknown to our hero, it's the village idiot. It's a curious thing, but if you ever ask anyone a question, you always seem to strike the village idiot.

"Pardon me," says Sammy coldly, what time is the next bus to town?"

The village dolt crosses and uncrosses his eyes a few times, scratches the saucepan on his head, then chuckles.

"Gorsh! It went hours ago."

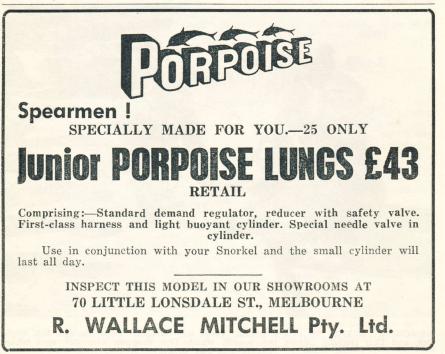
With a scream of frustrated rage, Sammy flings his gear at the clot, runs to the cliff-edge and hurls himself into space.

Like all good heroes, he's dead but won't stay that way. Half-way down his pants catch in a tree branch. And there we must leave him until later on.

SPOT ADS.

WANTED TO SELL. A merican Front Entry Diving Suits covering whole body, lace-up boots, rubberised fabric, suitable for hard work. £10. R. Wallace Mitchell Pty. Ltd., 70 Little Lonsdale St., Melbourne.

- WANTED TO SELL. Second-hand PORPOISE old model, guaranteed excellent condition, complete with case, pressure gauge, £47/10/-. Factory guaranteed. R. Wallace Mitchell Pty. Ltd., 70 Little Lonsdale St., Melbourne.
- WANTED TO SELL: Quantity of new disposal genuine underwater, lightweight, air-breathing bottles, fitted with high pressure valves.
 Markings Wt.5.lb. TD.2750, WP.-2000. Price £3/3/- ea. Apply. L. Martin, 239 High St., Prahran.
- FOR SALE. 14 ft. surf ski and paddle, as new, £20. Win. 980.



CLUE TO DEAD SPEARMAN

Spearmen uncovered evidence at the Convention which might explain the mystery surrounding the death of Laurie Burns.

Burns, an experienced spearman, was drowned at Pt. Lonsdale on December 12. Several search parties failed to recover the body.

ON December 31 spearmen recovered a speargun from the spot where Burns vanished.

The line from the discharged spear to the gun was tangled in a snorkel, believed to be Burns'.

The theory is that when Burns fired his gun, the line caught in his snorkel and tore it from his mouth

TROPHY NIGHT A SUCCESS

The day of the presentation ball dawned with most spearmen lying exhausted in the tents or flaked out on the beach.

While the valiant contestants slumbered, the poor committeemen slaved over results—no rest for the wicked!

Dick Charles, Bill Hartrick and Frank Kirkham made the presentation of trophies in the evening. Feature of the night was the presentation of the perpetual Dyson Holland Shield by the parents of Frank. Dyson Holland, who died at the sport he loved so much.

It was announced that the next Convention will be held in N.S.W. at a place to be selected by the Australian Committee.

Social life thrived throughout the camp, with dancing, barbecues and refreshments galore over the New Year weekend.

Stalwart Ray Clark was chef and except for a few "I've seen cows wounded worse than this and still live" and "Every time I bite this it goes mooooo," there were no complaints about the grills.

Ken Fuhrer deserved full credit for a job well done, for although they say he didn't know it, he poured the amber fluid well into the small hours. as it ran out. Burns, without a snorkel in the treacherous backwaters of the Rip, and possibly suffering from slight shock, would have been in very serious trouble.

Experts are inclined to discount the theory of a shark attack, but admit that cramp might be a cause of the tragedy.

A service was held for Burns a few minutes after the Convention was declared open. Members observed two minutes' silence as a floral wreath was cast off a ski over the spot where Burns vanished.

CLUB NOTES

- Notice of motion:--Moved by W. S. Hartrick, seconded by A. W. Taunton: "That the name of the Association be changed from the Underwater Spear Fishermen's Association of Victoria to the Underwater Skindiver's and Fishermen's Association of Victoria to comply with recent changes made by the U.S.F.A.A."
- A General meeting will be held on Wednesday, 23rd February, at 8 p.m. in the social hall, Y.M.C.A. Films will be shown and a demonstration of artificial respiration will be given by Lifesaver "Tiny" Johnstone.
- Photo competition: All entries in The Convention Photo Competition must be lodged with the State Secretary before the end of January.
- Wanted: As many keen spearmen as possible to stage an underwater demonstration at St. Kilda Pier on Monday, 31st January, A.N.A. Day. Aqualungers are especially invited to bring their gear along. Those attending are requested to be at the Royal St. Kilda Yacht Club at 2.30 p.m. sharp.

RESULTS OF CONVENTION

Dick Charles Trophy-Open Championship 1. B. May (N.S.W.). 2. D. Bruce (N.S.W.). Australian Team's Trophy-1. Victoria. 2. Queensland. 3. N.S.W. Lois Linklater Trophy— Ladies' Championship 1. Mrs. Pat Webb (Victoria). 2. Miss Val Seaton (Victoria). Lyle Davis Trophy-Junior Championship 1. P. Doughty (N.S.W.). 2. E. Frost (Victoria). 3. P. Coutts (Victoria). Dyson Holland Shield-Greatest Aggregate over Convention B. May (N.S.W.). Australian Pair's Championship— 1. B. Bay-D. Bruce (N.S.W.). 2. P. Coutts-R. Howell (Victoria). 3. N. Welshford-P. Barlow (Victoria). R. Wallace-Mitchell Trophy-Aqualung Event 1. J. Brook (South Australia). 2. G. McLean (South Australia). 3. D. Wicks (Victoria). Greatest Variety-B. May (N.S.W.).-9 varieties. **Biggest** Fish-J. Wilkinson (N.S.W.).-Butterfish, 9 lb. 8 ozs. **Biggest** Cray-D. Bruce (N.S.W.), 5 lb. 14 ozs. **Biggest** Luderick-D. Bruce (N.S.W.), 3 lb. 13 ozs. **Biggest Butterfish-**J. Wilkinson (N.S.W.), 9 lb. 8 ozs. **Biggest** Parrotfish-F. Fuhrer (Victoria), 3 lb. 7¹/₂ ozs. **Biggest Trumpeter**-B. May (N.S.W.), 2 lb. 4 ozs. Biggest Morwong-B. May (N.S.W., 2 lb. 4 ozs. Most Unusual Fish-Salmon Trout, 1 lb. 7 ozs. J. Stapleton (N.S.W.). Best Shell Collection-Ladies: Mrs. Howell (Victoria). Girls: Robyn Bradley (N.S.W.). Boys: Dick Charles (N.S.W.)-Junior, you dopes!

THE TIDES

High and low water times at Port Phillip Heads are listed below for February.

High and low water times at other places in Victoria can be found by subtracting from or adding to the time of the appropriate tide at Port Phillip Heads, as below:

Feb.	Hig	h	Lov	v
	a.m.	p.m.	a.m.	p.m.
1	. 5.12	6.24	11.14	11.24
2	. 5.50	7.22	11.54	
3	. 6.29	8.24	0.06	12.42
4	. 7.27	9.32	0.58	1.42
5	. 8.46	10.44	2.12	2.58
6	. 10.16	11.52	3.51	4.19
7	. 11.41	_	5.20	5.31
8	. 0.51	12.52	6.35	6.37
0	1.39	1.50	7.37	7.38
10	. 2.20	2.38	8.24	8.28
	. 2.57	3.22	9.04	9.11
12	. 3.31	4.02	9.40	9.48
13	. 4.02	4.41	10.14	10.21
14	1.00	5.18	10.46	10.54
15		5.55	11.17	11.27
16	. 5.21	6.34	11.50	11.59
17	. 5.25	7.19		12.25
18		8.11	0.39	1.06
19		9.13	1.28	1.58
20		10.20	2.38	3.03
21	0.07	11.25	4.01	4.09
22			5.07	5.08
23	0.10	12.13	5.58	5.59
24	1	1.10	6.45	6.48
25	1.42	2.01	7.24	7.38
26	0.00	2.48	8.08	8.25
27		3.36	8.51	9.12
28		4.24	9.53	9.54

High and low water times at other places in Victoria can be found by subtracting from or adding to the time of the appropriate tide at Port Phillip Heads, as below:

Subtract for: Apollo Bay, 33 mins.; Cape Schank, 1 hr. 33 mins.; Flinders Jetty, 1 min.; Gabo Island, 3 hrs., 13 mins.; Glennie Islands, 4 mins.; Lakes Entrance, 3 hrs., 25 mins.; Lorne, 35 mins.; Mallacoota Inlet, 3 hrs. 13 mins.; Snowy River Entrance, 3 hrs., 22 mins.

Add for: Anderson Inlet, 10 mins.; Barwon Heads, 16 mins.; Benison Channel, 1 hr., 14 mins.; Black Rock Breakwater, 3 hrs., 2 mins.; Bourchier Channel, 1 hr., 28 mins.; Bowen Wharf, 1 hr., 9 mins.; Corner Inlet Entrance, 25 mins.; Cowes Jetty, 28 mins.; Dromana Jetty, 2 hrs., 33 mins.; Frankston Jetty, 3 hrs., 7 mins.; Geelong Wharves, 3 hrs., 32 mins.; Hastings Jetty, 1 hr., 6 mins.; Hopetown Channel, 3 hrs., 21 mins.; Indented Head, 2 hrs., 47 mins.; Inverloch, 20 mins.; Melbourne Wharves, 3 hrs., 13 mins.; Mornington Jetty, 2 hrs., 42 mins.; Newhaven Jetty, 1 hr., 3 mins.; Point Nepean Jetty, 9 mins.; Port Albert Entrance, 10 mins.; Port Albert Wharf, 1 hr.; Portarlington Jetty. 2 hrs., 50 mins.; Port Campbell, 25 mins.; Port Fairy, 59 mins.; Portsea Jetty, (Continued on Page 16)

Page Fifteen

AUSTRALIAN TITLES

(From Page 5)

THE Australian Pair's Championship took place from dawn to dusk on December 31.

Although visibility was poor, some good catches were weighed in. The winners, Barry May and David Bruce of N.S.W. thrashed the area around the Pt. Lonsdale pier with great success. Their haul just topped that of Roy Howell and Peter Coutts of Victoria who fished the Queenscliff lighthouse reefs.

TEAMS EVENT

For the Teams' Championship, the contestants voyaged to Point Nepean where the water was found to be too turbid. They then went to Pope's Eye Beacon where the Victorian team got a few points margin over Queensland to win the event.

During this event, Pat Webb and Valerie Seaton fought out the Ladies' Championship. Both fished really hard on the inside of the reef, and when it was all over, Pat came out on top.





PROOF YOUR CAMERA

(From Page 7) EXPOSURE METER

IF AN exposure meter is desired, it can be mounted adjacent to the camera within the enclosure, and will result in a very compact self-contained unit.

The meter can be very easily put in a screw top jar, but should be wedged to eliminate rattling. The photo cell should also point through a section of clear glass.

It is impossible to rotate the scale of the meter in this type of enclosure, but the necessary data can be noted on paper and taped to the inside of the jar, so that the operator can see it.

This is the conclusion of Bill Young's articles on underwater photography. Should readers wish to comment on the features, or have any queries on the subject, drop a line to The Editor, 61 Kerferd St., East Malvern, S.E. 5, and a reply will be promptly given.

GOVERNMENT INQUIRY

(From Page 2)

As someone once said, it's alright for the spearmen to have a strong code of ethics, but the point is do the spearmen live up to them?

If you are one of those who break just a "little" rule now and then, are you any the less to blame than someone else? A rule is a rule. I agree with Cr. Wiggs, that we already have enough controls, but what else are we to do?

It is a case of careful and thoughtful control or give the whole sport of spearfishing a bad name. There are certain elements in the community who would like nothing better than to see this happen . . . that is why it's up to all spearmen to see that rules and regulations are upheld.

We are acknowledged as having the most rigid constitution of any sporting body, but do we uphold that constitution?

THE TIDES

(From Page 14)

29 mins.; Queenscliff Jetty, 3 mins.; Rabbit Island, 25 mins.; Refuge Cove, 16 mins.; Rutherford Creek, 1 hr., 19 mins.; St. Leonard's Jetty, 2 hrs., 44 mins.; Sorrento Jetty, 2 hrs., 11 mins.; South Channel Pile Light, 3 hrs., 18 mins.; Spit PoInt. 1 hr., 15 mins.; Stony Point Jetty, 39 mins.; Swan Island Dock, 1 hr., 59 mins.; Tooradin. 1 hr., 23 mins.; Toora Jetty, 1 hr., 5 mins.; Waaratah Bay, 13 mins.; Warrnambool, 1 hr., 4 mins.; Welshpool Jetty, 1 hr., 28 mins.; West Channel Pile Light, 2 hrs., 37 mins.; Williamstown, 2 hrs., 58 mins.

SUB-AQUA GROUP

The Victorian Sub-Aqua Group will hold a lecture and general meeting on Tuesday, 8th February, at the Y.M.C.A. at 8 p.m.

This is the first official meeting of this newly formed Aqua-Lung section of the U.S.F.A.V. and all interested are welcome to attend.

PARTY NIGHT

The U.S.F.A. of Victoria will hold its presentation ball at Kenilworth House on March 11.

Watch for further details in "Snorkel."

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