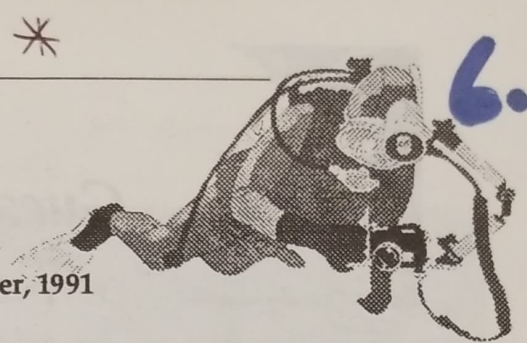


BOTTOMtime

The bi-monthly newsletter of the Nova Scotia Underwater Council - November, 1991



Diving Nova Scotia: the ice diving experience

The diving community of Nova Scotia has the privilege of having ice-free waters all year long. Well, southern Nova Scotia anyway. As a scuba diver, this is not a very hard pill to swallow when you have some of the best shipwreck diving in the world as part of the equation.

But, alas, most divers in Atlantic Canada do not share this fate. For example, try doing a back roll entry from a boat, mid-January, in Newfoundland. What then can the die-hard *aficionado's* of diving do when they find themselves standing on the windswept ice flows of Canada in full scuba regalia? Enter the ice diving experience.

Ice diving is one aspect of the sport which has not received its share of appreciation. The thought of diving through a hole cut through a foot or more of ice, knowing that it is your only exit point, can make a diver a little apprehensive. Then there are the myths and stories, the kind you hear at a house party about the guy

who fell through the ice and lived to tell the tale by breathing from trapped air pockets. Well, the next time you hear such a yarn, please feel free to ask if this person has ever worked for "The Brother's Grimm". What has just been related to you is indeed a fairy tale. In all of my experience, the ice/water interface has always been as smooth as glass.

Furthermore, as in all diving activities, the risk of injury is reduced to safe level if you know how to perform the task in the proper manner.

Acquiring the skill and know-how for ice diving is best done by participating in an Ice Diving course conducted by a certified ice diving

continues on page 10

Our AGM is successfully held

After a period of internal controversy and bickering earlier in the year, the NSUC successfully held its Annual General Meeting on October 5 in Halifax. What stood out about this event was that the entire meeting flowed smoothly and was conducted by chair Roland Lewis in a principled manner, with many positive contributions from all those in attendance. In fact, virtually everyone in attendance, including two observers, participated.

Marcel Maessen, administrator, Centre for Outdoor Recreation, later told *Bottomtime* that the openness, democratic spirit and conduct of the

meeting was very instructive. "There are some boards who would never accept anything from the floor", he pointed out.

Naturally, there were differences of opinion but they were solved amicably.

The main questions discussed were *Bottomtime* and dues.

The *Bottomtime* was the first of two wide-ranging debates, with the outcome being a mandate from the members by a vote of 16-2 (with two abstentions) that the NSUC will stay with the *Bottomtime* in its present format for the next six issues. Every

continues on page 12



1st prize in the annual U/W pumpkin carving contest, held Oct. 19 at Queensland Beach. Another photo, page 3.



Guest Editorial

DIVING FATALITIES

It is regrettable to report there were two scuba diving deaths this past summer in Nova Scotia. It is even more distressing to know that neither of these tragedies should have happened.

The first incident occurred June 24, 1991 at Terrance Bay when W.L., age 43, for no apparent reason - drowned. There was no evidence of alcohol or drug abuse; equipment failure did not appear to be a factor. However, and here is where we must learn from the mistakes of others - *Mr. L. was diving alone*; this was his second dive of the day - and *only the second dive since qualifying - five years previously*. Mr. L. died in front of his family who were nearby on the beach.

The second accident involved a 25 year old man who was not a certified scuba diver. On Sunday afternoon, August 4, 1991 a friend who was a qualified diver - *but not an instructor* - took J.T. on a scuba dive in the Bras D'Or Lake at MacKenzie Point so that he could try it out before investing money in a scuba course. The first few minutes of the dive went well, but then after an unplanned ascent to the surface, and a request to terminate the dive, Mr. T. apparently aspirated some sea water, panicked, and sank beneath the surface despite the efforts of the qualified diver to keep him afloat. The buddy was eventually able to bring the unconscious J.T. to the surface and with the help of many family and friends who had been on the nearby shore, an attempt was made to revive him. However, J.T. had drowned in 15 feet of water.

In both these cases basic safety rules were violated: **never dive alone; know your limitations; stay dive active and fit; be familiar with you and your buddies equipment; and leave the instructing to the instructors.**

Although not members of the NSUC, on behalf of the Council and all sport divers, our sympathies are offered to the families of these young men.

Roland G. Lewis

Thanks are due to members of the Halifax and Port Hawkesbury RCMP for assistance in preparing this report.

OUR EDITORIAL COUNCIL

We have made major progress over the past 16 months, developing an entirely new look for our newsletter. We have also improved the content. After three editors, we have also stabilized the editorial

BOTTOMTIME

Bottomtime is published six times annually by the Nova Scotia Underwater Council. It is distributed free of charge to members. Non-members may purchase an annual subscription for \$17.50. Whenever possible, subscriptions will commence with the current issue.

Bottomtime is published as a forum with the aim to generate opinions, communication with and feedback from our members. Submissions to *Bottomtime* are published at the discretion of the editor. Articles are the opinion of the contributory authors and do not necessarily represent the views of the NSUC. Articles may be reproduced with the written permission of the NSUC. We encourage response to any of the articles.

Advertising rates are available upon request. If advertisers require design services to prepare camera-ready copy, this must be arranged prior to the deadline.

The next edition will be published on Jan. 15, 1992 with the deadline for submissions to the editor being December 16.

Send all submissions to:

The Editor, Nova Scotia Underwater Council
26 Sapphire Crescent, Lower Sackville, N.S. B4C 2T9
Publishing *Bottomtime* is made possible by the N.S. Sport and Recreation Commission.

Bottomtime

Editor	Colin Frazee-Whitlock, 864-1157
Design/Production	Tony Seed/New Media Services, 477-0421
Printing	The Printing House
Nameplate	Tony Seed and Bob Semple
Videophotos	John Versteeg

The Nova Scotia Underwater Council

President	Roland G. Lewis
-----------	-----------------

side and now have more material than space for each edition. *Bottomtime* is a service to the divers of Nova Scotia. We hope our readers and advertisers will appreciate what we have done to improve the entire newsletter.

Our newsletter is a collective work. Now we are beginning an informal advisory group to increase participation, and enhance and expand its role. Anyone interested in the U/World is welcome to participate. We aim to get together once every two months following publication of each edition. All we ask of you is to contribute your opinion and ideas! If you are interested, please call myself at 864-1157.

Colin Frazee-Whitlock

News in Brief & Comment

French fleet in Basin

Scientists have discovered dozens of wrecks on the bottom of Halifax Harbour, including what may be the remnants of an 18th century French invasion fleet - the largest ever sent to North America.

Side-scan sonar has revealed what looks like an old wooden ship near the spot where Duc d'Anville's lieutenants are believed to have scuttled part of his 72-ship fleet in 1746, says marine geologist Gordon Fader. The spot is 23 metres deep in the Bedford Basin, near the container pier.

Canadian Press

News in video

North America's only underwater video magazine is to be launched in January from Dartmouth.

This exciting and innovative project, entitled "Scuba International Video Magazine", is being pioneered by John Versteeg's Global Video Inc., an award-winning video and documentary film company which recently released the 40-minute colour video, *Peggy's Cove: its people, its beauty and its history*. (See *Bottomtime*, July, 1991).

The video magazine, projected to run about one hour in length, will be published quarterly and will be marketed internationally. Global has already taken out ads in

Skin Diver and *Treasure Quest Magazine* in the USA, *Divers Free Press*, *Canadian Diver* as well as *Bottomtime*.

Research and planning have been an integral part of the development stage of the video magazine. A market survey was developed and included in the most recent issue of *Divers Free Press*.

"Our early response - most notably from Newfoundland, Central and Western Canada - strongly supports the idea and reinforces the fact that there is a strong interest in and market for a wide-reaching U/W video magazine," Mr. Versteeg says.

The video magazine aims to be inter-active. It openly invites readers to send footage of their favourite dive spots and activities. "Divers from around the world can send their footage, and we can then do a voice over from telephone interviews", he said. The content will cover dive destinations, blending entertainment, information, education and ideas.

Cassettes can be bought by subscription or by issue, and will be sold by dive shops and retail outlets.

"This is the seed of an idea, which when nourished and developed, will also see a network of thousands of sport and recreational divers made aware of the rich and varied underwater treasures Nova Scotia has to offer."



Nova Divemasters to surface

A small group of enthusiasts met on Sept. 18 at Dobson's Yacht Club in Sydney to consider reviving the once very active diving club - The Nova Divemasters Diving Club.

Called together by Ted Tracz, the Cape Breton Area Director of the NSUC, the group consisted of both past Aquanova members as well as some newly-qualified divers. It was agreed the resurrection of the club was a worthwhile idea: those present would spread the word and each invite at least two other divers to the another meeting to be held within a month. Meanwhile, the group decided to meet on the following weekend to go diving. After all - isn't that what it is all about? For information on upcoming events contact Ted Tracz at 567-2020 or Roland Lewis at 562-2457.

Andy absents

Andy Desroches of the Aqua Dive shop in Dartmouth goes off the scene on Nov. 30 after 20 years in the business. In a recent interview, he said he's retiring "to get some serious diving in". Andy, an ex-RCN, started the business with two partners, Peter Giffin and Art Zahn originally from a private residence, progressing to a shop on Pleasant St. and a few years ago to the present location on Prince Albert Rd.

Andy will be missed in the commercial business but we expect to see him in the diving scene for many years to come. He is a longtime supporter of the NSUC, being involved since the mid-60s. He served as training director, on the accident investigation and Sub Sea Horizons committees, and supported the Sea Hunt and Sub Sea Horizons. Long-standing instructors with the shop, who at present wish to remain anonymous, will be taking it over. We wish Andy every success and good health.

Ice diving course

Anyone interested in taking an ice diving course, please contact Trevor Kenchington, 889-3555.

THE NOVA SCOTIA UNDERWATER COUNCIL

Board Members and Staff

Area Directors

Cape Breton

Ted Tracz • 567-2020

Central

Ted Iannuzzi • 461-0094

Fundy-Highlands

Garry Mattinson • 895-3905

South Shore • Vacant

Valley • Vacant

Executive

President

Roland Lewis • 587-2457

Vice-President

Wayne Bell • 465-3880

Treasurer

Dave Rodwell • 765-6771

Secretary

Rob Snelling • 429-6067

Editor, Mbr'ship secretary

Colin Frazee-Whitlock • 864-1157

CORS administrator

Marcel Maessen • 425-5450

Instructor membership

David Gough • 865-3046

NSUC Member Clubs

Aqualantic Scuba Club

P.O. Box 2944, Dartmouth E.

Dartmouth, N.S. B2W 4Y2

Tel.: 434-2768

Membership is open to individuals, families, clubs or commercial enterprises. Dues are set annually - usually at the AGM. Members' fees for 1991-92 are \$20 for individuals, \$30 for families, \$10.00 for students and \$50.00 for commercial enterprises. Membership is also open to clubs at \$25. Individuals may join by sending an application or letter with the fee to the Membership Secretary.

NOVA SCOTIA

UNDERWATER COUNCIL

P.O. Box 475, Eastern Passage

N.S. B3G 1M7



"... a board of mostly new members who can take a fresh look at your concerns"

PRESIDENT'S REPORT

As usual there is some good news and some bad news. On the positive side, a quorum was realized on October 5th such that the extra ordinary AGM was a **success** and elections held to form a board of mostly new members who can take a fresh look at your concerns and move in a positive direction. Several Board members retired: John Pothier, South Shore; Sylvain Roy, Greenwood; and Danielle Gough, Central. On behalf of the membership I thank them for their past services. A special acknowledgement must go to Colin Frazee-Whitlock who stepped down as Vice-President and interm everything after several years of putting his whole being into the NSUC. But not to say goodbye: Colin will continue as *Bottomtime* Editor; likewise Danielle will act as Commercial Director pending election of a full time director by the commercial members. New to the Board are Robert Snelling, Secretary and Ted Iannuzzi, Central Director. Wayne Bell accepted the Vice-President position; Dave Rodwell stayed on as Treasurer, and Ted Tracz as Cape Breton Director. Lastly, I was kindly elected as your President. The Valley and South Shore areas still require a representative. There were several terrific door prizes and if you were not there then you missed out on the opportunity to become a benefactor - and more importantly to have a voice in your society. However, do not worry as this is common in volunteer groups; just remember not to complain if you do not like the way we run things.

Although the membership of the NSUC is far below the estimated number of divers in the province, the Council is financially sound. The publication of the *Bottomtime* continues to be a major expense and has

been identified as a cause for an increase in membership fees.

A concern voiced at the AGM was the protection of sites available to divers, and the institution of more programs to promote safe diving in the province. The NSUC is now a member of the Center for Outdoor Recreation Services (CORS) and as such has part time access to an Executive Administrator, Marcel Maessen, who has already done much to assist the Executive and the Board. Elsewhere in this issue you will read a report on the 1991 Sherwood Sea Hunt and the great success it was thanks to Roland Morrison and numerous other volunteers. Well done all of you. The bad news you will read is a report on diving fatalities in Nova Scotia this summer. Let those who have ears - listen and learn. To end on a positive note - there is still lots of good weather left in which to enjoy our chosen sport and so I wish you all - safe diving.

Roland G. Lewis

OUTGOING VICE-PRESIDENT

Well, you have got me for another six issues. I have resigned as Vice-President in order to fully concentrate on editing *Bottomtime*. I will serve you to the best of my ability. I will be introducing some new columns and reviving some old over the next few issues and would like your comments. I will endeavour to publish your articles, follow the NSUC mandate and develop and enrich a consistent editorial policy to promote diving and diving safety.

If you have any comments or questions write and I will put them in a letters to the editor column. If you have items for sale or to swap, I will also revive that column.

I need your material as well as writing my own and soliciting what I think might be interesting articles

"... but then 'you are never too old to learn new things'"

from various well known diving personalities in the province.

At this point I would like to say a few thank you's for the support I have had over the past few months:

- Pubnico Diving Club and especially John Pothier for the support to given me, that gave me the courage to carry on when everything looked far from rosy;
- Lynn Gallant for her help and knowledge behind the scenes;
- Gloria Connors, who has extensive experience with volunteer organisations and a sympathetic ear: she has always been willing to listen and help in anyway she could;
- Roland Morrison for Subsea Horizons: although we have had our differences, without him and his team it would not have been possible;
- To the people at the board meeting in Pubnico; and
- Tony Seed, New Media Services, from whom I have learnt much

about layout, graphics, publication planning and organization - and perserverence. I am no expert, but am now able to contribute ideas of my own in a most enjoyable experience. But then, "You are never too old to learn new things"; I had better stop at this point as this is beginning to sound like a TV award show and I shall be thanking my mother next. These people and a few others give, and are still giving up a lot of their spare time to keep the organisation running. A warm welcome to our new board!

As this is the last edition before Christmas I would like to wish all divers out there a very Merry Christmas, a Happy New Year and safe diving.

Colin Frazee-Whitelock

NOTICE TO MEMBERS

A subscription to *Divers Free Press* will be paid for by the NSUC as part of your annual membership.

THE NSUC MEMBERSHIP SURVEY

	Year	No.	%
Membership	1987-88	185	
Membership	1989-90	213	15.14 Gain
Membership	1990-91	265	24.41 Gain
Membership	1991-92	208	21.51 Loss

Members: by area

Central Area	113	54.33
Fundy Area	1	0.48
Cape Breton Area	7	3.37
Valley Area	42	20.19
South Shore Area	36	18.18
Outside N.S.	9	4.33

Other aspects

Male	165	79.33
Female	43	20.6
Family	13	N/A
Renewals	93	-44.71
New	105	55.29
Gain or loss on 1990	172	Loss
Overall gain/loss	68	-25.28
Total Mbr'ship		208

Members: by County

Annapolis • 32	Cape Breton • 5	Colchester • 1	Digby • 3	Hants • 5
Halifax • 113	Kings • 2	Lunenburg • 2	Out of province • 9	
Queens • 1	Shelburne • 3	Victoria • 2	Yarmouth • 28	

Dues

- How would you prefer to pay your membership?
1. 12 months from the 1st of April to 31 March (fiscal year); or
 2. 12 months from the month you join. Send replies to the NSUC PO box please.

NSUC Member Instructors

Wayne Bell

Home 465-3880 Work 465-3888

Ches Chaulk

Home 765-8527

David Gough

Home 864-3046

T. J. Kenchington

Home 889-3555

Gordon McVicar

Home 539-8340 Work 564-4491

Michael Turney

Home 382-9776

Michael Chambers

Home 454-4296

Carol Anne Draper

757-2149

Brian J. Macdonald

Home 564-1823 Work 564-1160

Dale K. Smith

Home 275-4471 Work 624-8389

Tim Gay

443-3132

Gary Edwards

Rob Mack

453-0762

NSUC INFORMATION

DIVERS BOUTIQUE

NSUC Clothing

White golf shirt medium	
Gold lettering	\$10.00
White medium golf shirt	
Navy blue lettering	\$10.00
Blue small sweatshirt	\$10.00
Navy blue large V-Neck sweater	\$15.00
Gold lettering	
NSUC tacky t-shirts	\$5.00
(Various colours)	
NSUC decals	.75
NSUC Hyperbalic	.50

Underwater photo techniques

The Nikonos Family: No. 8 in a series by Bob Semple

Nikonos V body

35 mm f2.5 lens

28 mm f3.5 lens

20 mm f2.8 lens

15 mm f2.8 lens

80 mm f4.0 lens

SB-102 flash

SB-102 flash

DF-11 viewfinder (15mm)

DF-12 viewfinder (20mm)

Close-up Outfit

Double flash bracket

TTL Double Sync cord

Another accessory not included in their list but very important is the extension tube. The most popular series are the 1:1, 1:2, and 1:4, which are available for approximately \$100.

Underwater photography is an expensive but rewarding hobby. You can buy some of your equipment second hand and a little at a time won't hit the pocket book as hard. Try looking for equipment advertised in the classified section of *Underwater U.S.A.* Another option is to purchase the equipment

hasn't been produced in over 10 years. It is an extremely hardy mechanical camera which can really

to the Nikonos III

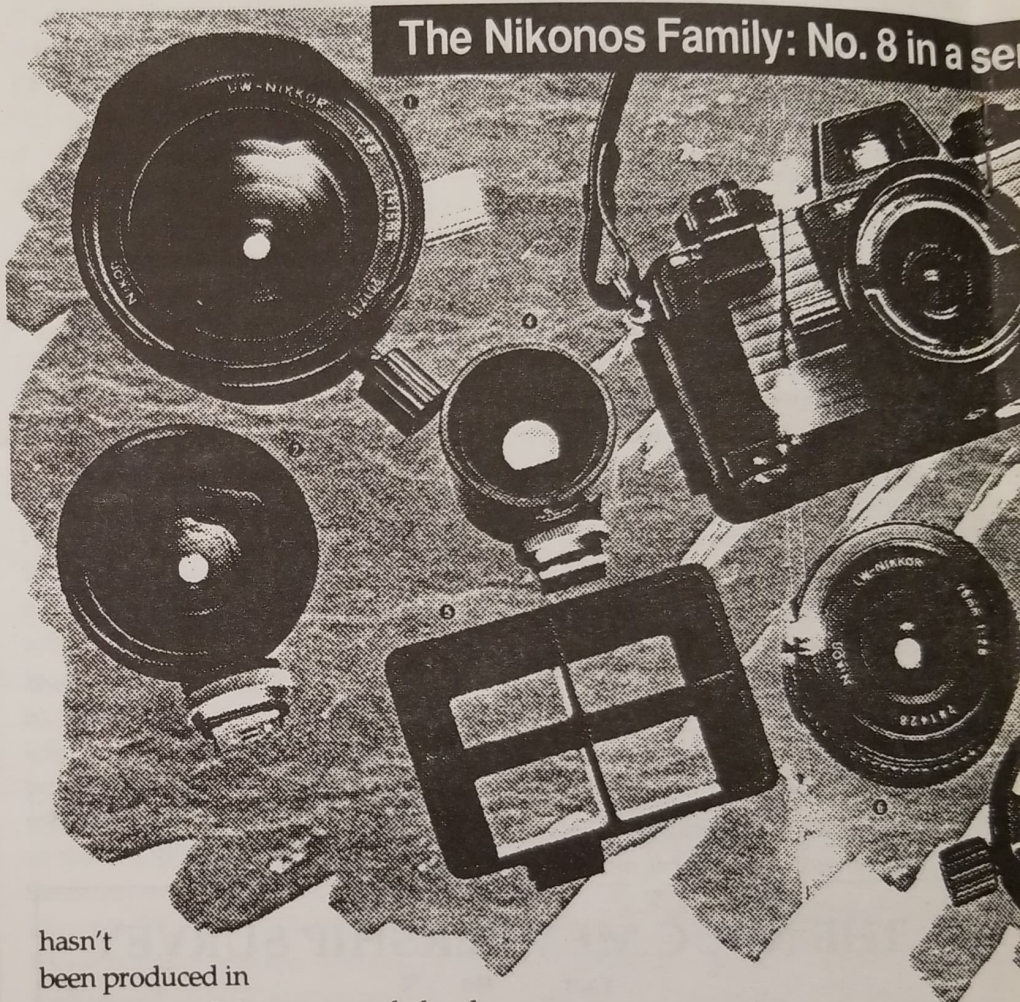
Underwater ph

WE HAVE LOOKED AT housed in comparison with the self-contained camera. Now we will take a closer look at the most popular of the amphibious cameras: the Nikonos. It is a system which one can purchase at a relatively low price and later have the ability to expand or add to as the one's experience or budget increases. Nikonos cameras have a 75% share of the underwater photo market.

The first self-contained camera, the Calypsophot was built in 1959 by Belgian designer, Jean de Wouters. Nikon bought the manufacturing rights and in 1963 brought out a new version called the Nikonos. This camera is not commonly found on the market. It can be adapted to be used with today's modern strobes, but it probably has greater value as an historic item.

The Nikonos II was introduced in 1968. It had a larger lens aperture (f2.5), a rewind crank and a film pressure plate. The camera has a problem with the film sprockets and puts uneven spaces between exposures. I find it safer to have the film processed unmounted than take the chance of having a great photo cut in half by an automatic cutter. And its always the 'best' photo which gets cut! There are still some second-hand cameras around on the market. In my opinion (only an opinion not a book value), a Nikonos II camera in really good shape should be worth about \$200 to \$250.

The Nikonos III was introduced in 1975. It was a bit heavier model and had a more accurate film advance. It is probably still the best underwater camera on the market today, even if it



hasn't been produced in over 10 years. It is an extremely hardy mechanical camera which can really take a beating in all kinds of environmental conditions. It is the professional's choice even with the more automatic cameras available on the market. It can even be flooded (may it never happen!) and washed out with fresh water, dried out and used again immediately. Remember, this is only in an emergency: you should flush it out with a mixture of water and alcohol, dry and send it back to the nearest Nikon repair centre as soon as possible. A similar flooding with a more advanced camera would cost either big bucks or actual camera replacement. The only disadvantage

to the Nikonos III system is that you will need to buy an external light meter to measure the varying light conditions. A Nikonos III camera in really good shape should be worth about \$300-\$350. Only an opinion, but it really is a great camera.

In 1980, the first underwater automatic exposure camera, the Nikonos IV A was introduced. In my opinion, this camera is best suited for rich tourists on skiing vacations. Its oddly shaped "O" ring was prone to flooding and had to be redesigned for future models. When a strobe was attached, the shutter speed was only 1/90 sec. and the automatic sensor

photo techniques

series by Bob Semple



Nikonos V body	725.00
35 mm f2.5 lens	215.00
28 mm f3.5 lens	470.00
20 mm f2.8 lens	850.00
15 mm f2.8 lens	2045.00
80 mm f4.0 lens	470.00
SB-102 flash	1360.00
SB-102 flash	760.00
DF-11 viewfinder (15mm)	400.00
DF-12 viewfinder (20mm)	260.00
Close-up Outfit	400.00
Double flash bracket	340.00
TTL Double Sync cord	190.00

Another accessory not included in their list but very important is the extension tube. The most popular series are the 1:1, 1:2, and 1:3, which are available for approximately \$50-\$100.

Underwater photography is a fairly expensive but rewarding hobby. If you can buy some of your equipment second hand and a little at a time it won't hit the pocket book quite so hard. Try looking for equipment advertised in the classified section of *Underwater U.S.A.* Another possibility is to purchase the equipment at some U.S. camera outlet such as Helix in Chicago or B & H Photo in New York. Here is an example of their prices: Nikonos V body (\$400), 15mm & viewfinder (\$1530), 28mm (\$290), 35 mm (\$130) and SB 102 (\$825). One must take into consideration the exchange on the U.S. dollar, duty and GST charges, as well as the fact that the item will not have any warranty in Canada. It could be a good buy.

I will discuss these various items in upcoming articles and suggest what a beginning photographer should purchase.

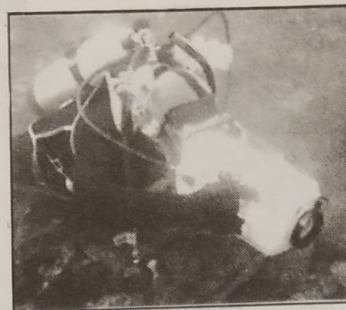
shut off. An external light meter had to be used. This is one camera that I do not recommend for underwater use, even at a "great deal".

In 1983, Nikon brought out its new and much improved version, the Nikonos V. This version proved to be so good that it has been virtually unchanged in the last 10 years.

I went to Carsand Mosher, Barrington St., Halifax and got a price list for the "Nikonos System". Although I didn't compare, their prices are probably as competitive as any other company in Canada.

This is their pricelist as of October 1:

A call to participate SCUBA INTERNATIONAL VIDEO MAGAZINE



Discover ... Dive locations, wrecks & their history from around the world

Progress ... In your knowledge of U/W photography & video

Watch ... Fascinating interviews with U/W scientists, archeologists & other talented professionals

Join ... U/W expeditions & other challenges beneath the sea

Participate ... and create ... by sharing your U/W videos, photos, experiences & ideas.

VOLUME 1 NUMBER 1

featuring

- Interview with the Fishers, world-renowned treasure hunters
- Discover some of the 106 known Halifax Harbour shipwrecks
- Learn about the 1917 Halifax Explosion. Two ships collided in the narrows ... the world's largest non-nuclear explosion
- Join 247 divers participating in Sea Hunt; a pumpkin carving contest

... and much more

Each video magazine is about one hour long. Published quarterly on your choice of VHS, NTSC or PAL format by award-winning Global Video Inc. Release date January, '92.

To order your copy, send \$29.95* to

GLOBAL VIDEO INC.

61 Tacoma Drive, Dartmouth,
N. S. B2W 3E7. Tel./Fax: 902-434-7446

allow 6 weeks for delivery

* Price includes GST, shipping and handling.

N.S. residents please add 10% PST.

Visa • Master Card • Certified

cheques • Money Orders welcome

Dealer Inquiries Welcome

Sherwood Sea Hunt 1991:

THREE REPORTS



helped promote the event. 1992 should go onto bigger and better things.

Many thanks should go firstly to the committee for without them, it would not have been possible; mainly such tireless volunteers as Roland Morrison, Mike Chambers, John Webber, Grant Macleod. Thanks also to Ken Jardine, the Divemaster, and the

safety dive team from CFB Greenwood. Sherwood President Bob Stat-

their support in year's past.

by Danielle Gough

2 Dive Masters debrief

Another Sea Hunt has come and gone, and most would agree that the Sea Hunt keeps getting better each year. I must admit that when Dave Rodwell (last years D.M.) approached me regarding D.Ming this years Hunt my initial reaction was "No!". My reason being was that the Sea Hunt is one of the few dives I've tried to attend strictly on a participant basis: no responsibility, no work, no worries - just fun.

a Canadian diving record?

All these aspects, plus supervising the actual dive, were completed at Crystal Crescent. Which brings us to this article, the purpose of which is to properly finish the job I started.

At 1125 hrs. all divers entered the water and started treasure hunting. By 1140 hrs. some buddy teams had exited the water and were registering for the prize draw, having swam 20 yards and used 150 psi. As the dive carried on the rescue teams were not just soaking up the sun. They had to ferry teams 91 and 93 to shore when they ran low on air and our Beach Boy rescue diver Gary Baltzer got to assist one very hot and tired dry suit diver who was suffering from mild hyperthermia. The boys in the boats also got

day were: lost two weight belts, two snorkles, and one mask, knife, pair fins, one set of keys, and one pair of eye glasses. Much of these items were found and returned to their owner thanks mostly to the efforts of Kevin Beard of the Greenwood Club. Kevin manned the D.M.'s control station while I was busy supervising the dive. He reported that both weights (one soft and one regular), two snorkles and one set of keys were returned.

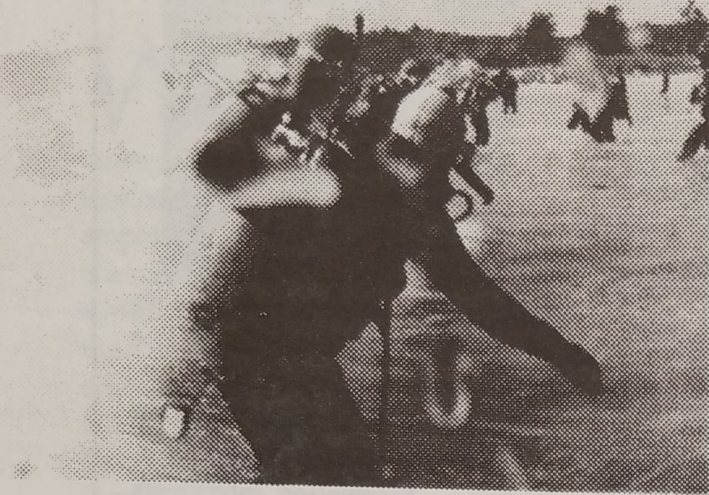
There were 86 Prizes given out every thing from ball hats and T-Shirts to the grand prize of a Sherwood B.A. 80 cu. ft. tank, Mares Regulator, Source computer, and an octopus: the grand prize



- late start
- Ensure y complete you leave
- When exit in the Sur side the z breaking
- Watch yo
- Leave the you found We weren't

Sherwood Sea Hunt 1991:

THREE REPORTS



1. Sea Hunt organizing committee

It was a glorious day for the biggest ever attendance in the long standing Sea Hunt, with some 247 divers entering the water.

The organisation of the event, held on September 8 at Crystal Crescent Beach, Sambro was superb as were the safety precautions, which were partly covered by Divers World.

The list of prizes was long as usual and but not enough for everyone as the attendance was unusually high. With the cooperation of the dive shops who

helped promote the event 1992 should go onto bigger and better things.

Many thanks should go firstly to the committee for without them, it would not have been possible; mainly such tireless volunteers as Rol- and Morrison, Mike Chambers, John Webber, Grant Macleod. Thanks go also to Ken Jardine, the Divemaster, and the

safety dive team from CFB Greenwood. Sherwood President Bob Stat- ham, the main sponsor of the event, was present to present the grand prize. Special thanks also to Divers World for the barbeque: working with Gloria Connors was a pleasure.

Volunteers deserving thanks include Steve and Judy Arsenaault and the boat (Savage Sky), Divers World (Rescue Divers); Northern Shore Diving for distributing the T-shirts after the event; and Lynn Gallant for secretarial work provided. All five dive shops in the Metro area deserve thanks for the donations not only this year but for

their support in year's past.

by Danielle Gough

2. Dive Masters debrief

Another Sea Hunt has come and gone, and most would agree that the Sea Hunt keeps getting better each year. I must admit that when Dave Rodwell (last years D.M.) approached me regarding D.Ming this years Hunt my initial reaction was "No!". My reason being was that the Sea Hunt is one of the few dives I've tried to attend strictly on a participant basis: no responsibility, no work, no worries - just fun.

However I had to rethink my answer after my wife Suzanne pointed out that I might enjoy the challenge of D.Ming such a large event. She was right.

Once I offered my services, and the NSUC accepted, I had to sit down and formulate a *plan of attack*. I decided it would be better to approach this dive as if it were any other dive I've been a D.M. on and start with the basics. I prepared my Long Range Plan, my briefing of the Rescue Team, a check list for my On Site Check, and my On Site Divers Briefing.

PASSPORT TO DIVING

SPECIAL INFORMATION ♦ USEFUL KNOWLEDGE ♦ DIVE SITES
AND OFFSHORE WRECKS BY REGIONS OF NOVA SCOTIA
The Nova Scotia Underwater Council
now available 48 pages (Illustrated, with map) ... \$3.00 for mbrs

Canada and U.S.A. \$10.00 Everywhere else \$12.00
Orders over \$100.00 - 10% discount
Write to the Nova Scotia Underwater Council
P.O. Box 475, Eastern Passage, Nova Scotia, Canada B3G 1M7



Aqua Dive
Scuba Shop
77 Prince Albert Road
Dartmouth, N.S. B2Y 1M1

Bus.: 469-6948

SALES - SERVICE - RENTAL - INSTRUCTION - U/W PHOTOGRAPHY
COMMERCIAL DIVING

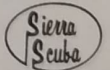
PRINCETON
TECHNICS



AQUASEAL



Diving Star



W.H. BRUCE MARSHALL
SALES MANAGER

CROSS COUNTRY PARTS DIST. LTD.
4418 - 10th STREET N.E.
CALGARY, ALBERTA T2E 6K3

BUS. (403) 250-7729
(403) 250-7054
FAX (403) 250-2419

a Canadian diving record?

All these aspects, plus supervising the actual dive, were completed at Crystal Crescent. Which brings us to this article, the purpose of which is to properly finish the job I started.

At 1125 hrs. all divers entered the water and started treasure hunting. By 1130 hrs. some buddy teams had exited the water and were registering for the prize draw, having swam 20 yards and used 150 psi. As the dive carried on the rescue teams were not just soaking up the sun. They had to ferry teams 90 and 93 to shore when they ran low on air and our Beach Boy rescue diver Gary Baltzer got to assist one very hot and tired dry suit diver who was suffering from mild hyperthermia. The boys in the boats also got to redirect some off course divers, (some were way to N F L D.). All these minor occurrences were professionally handled by a very competent team of trained Rescue Divers.

The last team to exit were David Chaison and Kevin Bell at 1220 hrs., giving them an actual dive time of approximately 55 minutes. This signalled me to check with the NSUC staff at the exit area to confirm the head count was complete, so I could officially stand down the Rescue Team and end the dive. We discovered that there were 125 buddy teams for a total of about 250 divers participating. Surely a Canadian diving record!

A few little known points of interest that transpired over the course of the

day were: lost two weight belts, two snorkles, and one mask, knife, pair fins, one set of keys, and one pair of eye glasses. Much of these items were found and returned to their owner thanks mostly to the efforts of Kevin Beard of the Greenwood Clud. Kevin manned the D.M.'s control station while I was busy supervising the dive. He reported that both weights (one soft and one regular), two snorkles and one set of keys were returned.

There were 86 Prizes given out every thing from ball hats and T-Shirts to the grand prize of a Sherwood B.C., 80 cu ft. tank, Maximus Regulator, Source computer, and an octopus: the grand prize was generously donated by Northern Shore and Sherwood Canada.

The Safety Zodiacs, Drivers and most of the Rescue divers, not to mention the hot dogs, pop and some prizes were from Divers World.

Aqua Dive, Divemasters and Nautilus Dive Shops also donated much of the valuable Treasure needed to make this event so successful.

A Divemaster isn't worth two cents if he fails to offer some friendly advice to make your next dive safer and more enjoyable. Here goes:

- Get to the dive site on time, (our

late start was due to late arrivals);

- Ensure your Diving gear is **complete and working** before you leave home;
- When exiting in waves don't stop in the Surf Zone: remove fins outside the zone or hustle in so the breaking waves won't clobber you;
- Watch your air quantity; *and*
- Leave the dive site cleaner than you found it: this we did.

We weren't perfect either. Sorry



about the delay on the T-Shirts: we can't even blame it on the Post Office. My on-site briefing, (brilliant as it may have appeared), should have included a Maximum dive time.

In short, only eight people, out of 250, needed some minor assistance. The major assistance was required by me and the volunteer staff came

continues on page ten

**VIKING
CANADA**

(DIVING AND SAFETY) LIMITED

GARY E. JANEWAY
President

1874 Hwy. # 20, Unit # 5, Allanburg
P.O. Box 194, Fenwick, Ontario L0S 1C0
Telephone (416) 892-2673
Fax (416) 892-8835

Viking • Interspiro • Tekna • Poseidon

DIVERS WORLD

1 Lakeside Place, Unit 11, RR#1, Lakeside
Halifax Co., Nova Scotia B0J 1Z1

"5 minutes from the Armdale Rotary on the
St. Margaret's Bay Road"

Gloria Connors
President

Tel.: (902) 876-0555
Fax: (902) 876-7079

SALES • INSTRUCTION • REPAIR • RENTAL

All about the Sherwood Sea Hunt 1991...

through for me in a Big Way. This experience will look great in my log book - not many Dive Masters get to D.M. a dive of this magnitude. I wish to thank you all for making it possible.

It should be noted that any of the minor assistance rendered was given to Mainlanders, and there were some Newfies and Capers present. Not to worry though: as a Cape Bretoner, I'm naturally very understanding.

Ken Jardine

3. Media Response

240 divers competed in the Sea Hunt this year making this the largest ever! We had coverage on the ATV and ASN Evening News (at least three different broadcasts) and pictures on the front pages of the *Daily News* and the *Chronicle Herald*. The *Divers Free Press*, *Canadian Diver Express* and *Bottomtime* will have pictures and/or

stories in their next issues. Other Abilities Foundation post-event publicity is pending.

Arrangements were made with John Versteeg of Global Video in Dartmouth to provide ATV with underwater video coverage of the event which they used on their news broadcast. John generously donated his time and experience in bringing an underwater look at the event for non-divers.

Further diving promotion with ATV may be forthcoming. Radio interviews with CHNS and with C100/CJCH were done before the event. The event was also covered as news, sports and public service announcements on various radio stations, television stations, newspapers and several diving publications.

Grant MacLeod

Marketing Survey Results

How did you learn about the Sea Hunt? This question was answered by 77% of competitors:

Dive Shop - 45; Friend - 23; Dive Club - 14; Past Participation - 8; Newspaper - 5; Radio - 3; *Bottomtime* - 1*; Cable TV - 1.

First time Sea Hunt competitors

55% of the competitors were at their first Sea Hunt. They learned about it as follows (78% response): Dive Shop - 45; Friend - 29; Club - 17; Newspaper - 5; Radio - 3; Cable TV - 1.

Gender of competitors

Female - 14%; male - 86.

NSUC membership of competitors

NSUC members - 22%;

Non members - 78.

*Ed. note: Due to the postal strike, *Bottomtime* was not distributed till after.

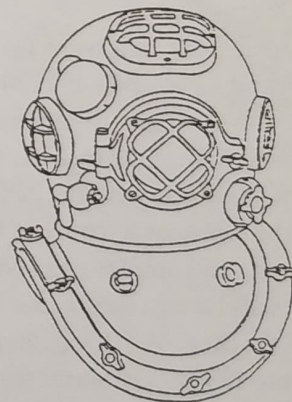
Our Thanks ...

to our many friends and patrons who have helped to make our progress successful and our second season as successful as our first!

With this spirit we wish all divers and their families all our Best Wishes for the Holidays and a Happy New Year

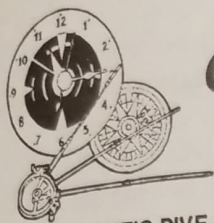
from all the staff of Divers World

To receive our Christmas flyer, just call, write or fax Divers World. Join Divers World as they dive the Caribbean in February, 1992. Metro area divers now receive special winter rental rates. Call for details.



DIVERS WORLD

1 Lakeside Place, Unit 11 • RR #1 • Lakeside Industrial Park • Halifax Co. • N.S. B0J 1Z1
Tel: (902) 876-0555 • Fax: (902) 876-7079



Coming Events

Coming events is a calendar of events of interest to divers in Nova Scotia and the region. To have your event included, please write to **Bottomtime**.

\$ ACQUALANTIC DIVE CLUB

AGM will be held Wednesday, Dec. 11, MicMac Boat Club, at 7:30 pm. The club sponsors a full program, including regular meetings on the second and fourth Wednesday of every month. For information, call 434-2768.

\$ THEY CAME BY SEA

Explorers, adventurers, early settlers, and thousands of immigrants came to Canada by sea. Many touched the shores of Nova Scotia or passed through Halifax. A series of events will be held centred around this theme, to mark the 500th year since the voyage of Columbus, Maritime Museum of the Atlantic. For information, call 424-7490.

MARITIME MUSEUM FAMILY CHRISTMAS CELEBRATION

Enjoy Christmas as a Captain's family might have done on a Nova

Scottian square rigged ship, making paper decorations, trimming the Sailor's Christmas tree, singing sea shanty's and carols with the Harbour Folk Society and a snack of hot cider and cookies. Sunday, Dec. 15, 3:30-5:00pm, 1675 Lower Water Street, Halifax.

\$ UNDERWATER CANADA

The 20th anniversary of Underwater Canada, Canada's national dive show. A week-end of fun, films, information and exhibits, April 3-5. For information, call (416) 495-4245 or Fax (416) 495-4310.

\$ SUBSEA HORIZONS

Diving expo to be held May 7-8, 1992, Halifax-Dartmouth area.

The ice diving experience: enjoyable, challenging

continues from page one

instructor. I know, you are thinking, "What's to know? Cut a hole and dive in." Well, there is a little more to it than that. For instance:

- techniques for cutting a hole
- size and shape of the hole
- legal responsibilities of maintaining a hole
- ice surface preparation
- placement of the rescue diver and tender
- use of tender lines, floating and non-floating
- anti-freeze regulator skills
- line signals; and so forth.

You may now be thinking: "Why do it? Sounds like a lot of work for nothing." Well, not so! Ice diving requires two main ingredients:

- a group of people with a common desire to expand their knowledge and skills in diving; and
- a team effort.

Two solid reasons which make any diving course and activity enjoyable and challenging. It's now up to

you to experience the feeling of diving through the ice first hand.

by Lorne Piercey



DACOR CANADA LTD.
Manufacturers of Diving Equipment
P.O. Box 391, Ft. Erie, Ontario L2A 5N1

Manufacturier D'Equipements De Plongee

Jean Claude Laurier

Gerant Des Ventes - Est Canada
Eastern Canada Sales Manager
(514) 435-8144

FAX (514) 437-8592

THE NSUC LENDING LIBRARY

- | | |
|--|----------|
| 1991 Sport Diver Open Water Vol. 1, Pts. 1 & 2 | (video) |
| Contains Using Skin Diving Equipment | (video) |
| Using Scuba Diving Equipment | (video) |
| Sports Diver Open Water Vol. 2, Pts. 1 & 2 | (video) |
| Bouyancy/Out Of Air Pt. 1 | (slides) |
| Rescue/Accident Management Pt. 1 | (slides) |
| Rescue/Accident Management Pt. 2 | (slides) |
| Dive Promotional Programme | (slides) |
| Tapes for the above | |
| Underwater Louisburg | (video) |
| Underwater Hockey | (video) |
| Hyperbaric Video | (video) |
| Hyperbaric Video (beta) | (video) |

- | | |
|---|----------|
| Drysuit Instruction | (video) |
| Drysuit Instruction | (slides) |
| Sport Diver Advanced Vol. 1, Pts. 1-3 | (video) |
| Contains: Diving Equipment • Boat Diving | |
| Underwater Navigation | |
| Sport Diving Advanced Vol. 2, Pts. 1-3 | (video) |
| Contains: | |
| Limited Visibility Diving • Diver Stress & Rescue | |
| Deep Diving | |
| Neal Watson's Undersea Adventures | (video) |
| Louisburg Marine Heritage Pts. 1 & 2 | (video) |
| Contains: Part 1 in English • Part 2 in French | |
| Australia Discover It | (video) |
| Dive Nova Scotia Pts. 1-3 | (video) |
| Contains: | |
| Part 1 Dive Nova Scotia • Part 2 Dive Nova Scotia | |
| Part 3 Wreck Diving | |

All videos are VHS unless otherwise stated

Library Lending Policy

There is a 10.00 deposit for each item borrowed from the library. The deposit will be forfeited if the item borrowed is not returned within 21 days from the date of posting to the borrower. All costs incurred in shipping payable by the borrower.

Contact Rob Snelling, Secretary, at 429-8067



The Board of the Nova Scotia Underwater Council Association of Divers and the staff of *Bottomtime* extend Season's Greetings and Best Wishes for 1992 to the diving community, and all sportsmen and women and their families

Achievements of the NSUC AGM...

continued from page one

present format for the next six issues. Everyone applauded the achievements in professionalizing *Bottomtime* since 1991. Mr. Maessen stated that, "in my opinion - and it's the buzz word around Sport Nova Scotia - the newsletter of the Underwater Council is the class act amongst sport publications in Nova Scotia. And we are talking about some 84 organizations." Colin Frazee-Whitelock, acting editor, and Tony Seed of New Media, who was invited to the podium for this debate, together presented an economic plan and developed discussion on what they termed the crucial question: the policy, aim and mandate the NSUC sets for its publication, and elaborated on the present editorial policy and focus.

The main divergence of opinion

explored was whether the NSUC has the strength and stability to maintain and develop a professional publication, and its role in promoting scuba diving. Two delegates seriously questioned the cost. Others emphasized that *Bottomtime* is an ambassador for the NSUC to attract new members and new people into the sport itself. Delegates from outside Metro were unanimous on the importance of the present format and quality.

This decision will enable the Board to concentrate on other business and make some solid progress as the *Bottomtime* question has haunted them for over a year now due to the fact that the approach had been essentially from issue-to-issue. It will also enable us to strengthen our publication on a planned basis and to solicit Commercial

Members and advertisements. This expectation is tempered with realism; the recession. We cannot count on advertisements but, if they do come in, funds might also be available for the board to develop other initiatives.

The second debate, which of course goes hand-in-hand with *Bottomtime*, is the membership fees. The main decision is to finance our publication on the basis of self-reliance. This went to proposals and counter-proposals, but the dues were finally set (see page four, NSUC box).

The AGM redefined the category "new" member to "student" member, with the qualification being to have passed a basic course in the past 12-month period.

The overall decision on dues, again, was a majority vote.

These two questions took most of the AGM, leaving just enough time for the elections and draw for the door prizes and to clear the Auditorium on schedule at 5 o'clock. Roland Lewis was elected President for a two-year term and Wayne Bell Vice-President (see page four).

The door prize winners were:

- Pam Geddes (\$25 donated by the NSUC);
- Trevor Kenchington (flashlight donated by Northern Shore);
- Ted Ianuzzi (dive gloves donated by Dive Masters);
- Pat Bryan (Log Book donated by Nautilus Diving); and
- Ken Jardine (beach towel donated by Divers World)

Thank you to the dive stores concerned who helped us once again.

All in all, a very positive meeting for those who attended. The only obvious flaw, which can and will be easily rectified, is a lack of knowledge of the Bylaws and rules of procedure.

Colin Frazee-Whitelock



Moving?

Please send us
your new address and postal code