

ATOLL

The Journal of the Marine Aquarium Society of Toronto



Volume 23, Number 4 Summer 2010

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The Journal of The Marine Aquarium Society of Toronto

Marine Aquarium Society of Toronto

MAST - Founded in June 1986

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in all its facets**

MAST Executive:

President	Mark Kryzstofiak	(905) 840-6859
Vice-President	Bryan Reid	
Secretary - Treasurer	Edwin Agbuya	
Directors	Steve Ellis	
	Fred Mammoliti	
	Greg Parsons	
	Stephen Wright	

AtoII is the quarterly publication of the Marine Aquarium Society of Toronto (MAST).

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Summer 2010 Volume 23, Number 4 Inside This Issue

4

Presidents Message

By Mark Kryzstofiak

5

2009/2010 Financial Statements

7

MAST 2010 AGM

Minutes

10

Tank of the Issue

By Herman Lyn

14

2010 Tour of the Tanks

Cover: Left front view of Herman Lyn's Reef tank.
Photographed by Herman Lyn.

<http://www.MastCanada.org>

Presidents Message

By Mark Krysztofak

Well it has been a very interesting year for MAST and for me as the new President. It was the first time in over seventeen years that MAST had a new president and thanks to Bob James' incredible leadership; I had very large shoes to fill. I hope that I have not let anyone down in their expectations of MAST and I am very receptive to any comments both positive and negative. I and the rest of the executive are here to ensure that MAST remains an important part of the lives of saltwater enthusiasts in the GTA. We want to be the place that you can come to learn new things; from other members as well as from guest speakers and hands on workshops. We want to be the place where you can ask for advice or share your ideas, your successes as well as your failures. We want to hear your suggestions and we want to act on them. We need everyone's support to make this a great organization.

All of the past executives worked very hard to put together workshops, the auction, the many issues of the Atoll journal, the tour of tanks (a special thank you goes out to Russ Jardine for coordinating), the two special speakers and the monthly meetings. I must make another special thank you to Walden Design and Aaron for their past work on the website and welcome one of our new executives, Steve Ellis, who is also our web master and has been putting his skills to work on the new MAST website. Steve has also been working very hard to make MAST more efficient by designing a few new databases that will save us time and effort.

With the Annual General Meeting (AGM) now over for another twelve months, the MAST executive board has a couple new faces. It was a very fast AGM this year due to the lack of nominations. In fact, there were only enough candidates to fill each of the positions, so an actual vote was not required.

The Executive Board now consists of:

Mark Krysztofak – President/Library (Incumbent)
Bryan Reid – Vice-President/Atoll Editor (Incumbent)
Edwin Agbuya – Treasurer/Marketing (Incumbent)
Fred Mammoliti – Director (Incumbent)
Greg Parsons – Director/Membership (Incumbent)
Steve Ellis – Director/Web Master
Stephen Wright - Director

I would like to thank Constantine Ioannou for his service last year as a Director; and Bob and Debbie James for their continued support and assistance. I would also like to welcome Russ Jardine as the Tour of Tanks Coordinator

I look forward to seeing everyone in the fall; have a safe and happy summer,

Mark Krysztofak, President 

MAST's Financial Statement

MAST's financial statement for the year ending May 31, 2010 is included in the following pages of Atoll.

At the end of June, 2009, MAST had a substantial surplus of over \$5,000. Even with two special events in the past eight months (guest speakers) we end off this year with a surplus of \$7345. For the year ending May 31, 2010, revenue exceeded expenses by \$1,540. There were a number of reasons for this.

MAST had two Special Events featuring Steven Pro, Vice President of Sales and Service of Ice Cap Inc. and Jennifer Lash, Founder and Executive Director of Living Oceans Society. We are very grateful that both speakers were able to provide us with very interesting presentations and due to both speakers already traveling in the area on business, MAST's expenses were very low and we did produce a small amount of revenue. However, as expected, both events were not well attended due to MAST having to book around the speakers schedule and not being able to dictate the date of the event.

Most expenses were a little lower last year however we anticipate higher expenses this year as we would like to bring in at least one well known out of town speaker. We may also need to purchase new or used software and hardware to maintain and advance the new MAST website and other new business applications.

Atoll advertising was down somewhat last year. This situation is improving with the appointment of Edwin Agbuya as our Marketing Director. He has already attracted many new advertisers and we will all be working hard to boost advertising revenue as the year progresses.

Membership was also a bit lower last year than it has been in the recent past. Again, we will be working on that and you can all help. Encourage your friends in the hobby to join MAST, if they have not already done so.

In summary, the last year has entailed a very good surplus. This year, we expect to end the year at a loss however we will be leaving a very comfortable buffer of at least \$4000 to cover any unexpected expenses in the future.

MAST remains financially healthy.

Mark Kryzstofiak, President. 

The Marine Aquarium Society of Toronto

Balance Sheet as of May 31, 2010

with a comparison to the previous year's figures

	June 30, 2010	June 30, 2009
Assets		
Cash	0.49	45.73
Bank	7,204.51	5,534.27
Prepaid Expenses	140.00	0.00
Accounts receivable	<u>0.00</u>	<u>0.00</u>
	7,345.00	5,580.00
Liabilities		
Prepaid <i>Atoll</i> ads.	975.00	250.00
<i>Atoll</i> production	0.00	500.00
Accounts payable	<u>0.00</u>	<u>0.00</u>
	975.00	750.00
Members' Equity		
Balance, opening	4,830.00	3,760.00
Net income (loss)	<u>1,540.00</u>	<u>1,070.00</u>
Balance, closing	<u>6,370.00</u>	<u>4,830.00</u>
	7,345.00	5,580.00

Approved on Behalf of The Executive

Mark Krysztofiak,
President

Edwin Agbuya,
Secretary - Treasurer

The Marine Aquarium Society of Toronto

Income Statement

for the Financial Year Ending June 30, 2009

with a comparison to the previous year's figures

Revenue	2009/10	2008/9
Membership fees	1,855.85	2,213.01
Atoll advertising	1,425.00	2,137.50
Raffles, auctions & donations	1,428.34	760.99
Coral Cutting Workshop	255.00	240.00
Special events	<u>439.20</u>	<u>0.00</u>
Total Revenue	5,403.39	5,351.50
Expenses		
Atoll Printing & Postage	920.94	1,365.91
Admin. and Web	607.96	893.33
Meeting Expenses	1,609.02	1,523.44
MASNA	55.57	58.82
Coral Cutting Workshop	339.00	440.00
Special events	<u>330.90</u>	<u>0.00</u>
Total Expenses	3,863.39	4,281.50
Net Income (Loss)	1,540.00	1,070.00

Notes to Financial Statements

1. These financial statements are prepared in accordance with generally accepted accounting principles, as they apply to non-profit organizations.
2. In the opinion of the Executive, MAST is a non-profit organization within the meaning of Paragraph 49 (1) (1) of the Income Tax Act, Canada. Accordingly, there is no liability for income taxes.
3. Due to a change in the financial year-end, the financial year 2009/10 covers the eleven months ending May 31, 2010.

MAST 2010 Annual General Meeting Minutes

Place: The Hillcrest Library,
5801 Leslie Street, Toronto

Time: 7:30 p.m. June 9, 2010

Present: Mark Krysztofiak President
 Bryan Reid Vice President
 Edwin Agbuya Treasurer
 Fred Mammoliti Director
 Greg Parsons Director
 and a quorum of members.

Minutes

The minutes of the Annual General Meeting, held on October 14, 2009, were approved.

Financial Statement

Mark Krysztofiak gave an explanation of the income statement and the balance sheet. By a motion duly proposed, seconded, and carried; the financial statement for the year ending May 31, 2010 was approved.

President's Report

Mark Krysztofiak thanked the Executive members for their hard work over the last year. He gave a brief review of the last year and outlined future plans.

Elections

The following members have been nominated, seconded and their membership status as well as the membership status of the nominator and the secondor was checked to ensure that their membership status is in good standing and adheres to the election standards within the MAST constitution.

Candidate Position

Mark Krysztofiak President / Library
Bryan Reid Vice-President / Atoll Editor
Fred Mammoliti Director
Edwin Agbuya Treasurer / Marketing
Greg Parsons Director / Membership
Steve Ellis Director
Steven Wright Director / Web Master

Due to the fact that candidates are in place for all open positions and that those candidates are uncontested, voting is not required and the seven candidates have been duly elected to office.

Five of the previous executive board remained in their positions and two new members are joining the executive board.

Adjournment

The meeting adjourned at 8:05 p.m.



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Tank of the Issue

By Herman Lyn



I have had a couple of small fresh water tanks. The first in a University dormitory, then started a cichlid tank 20 years later. About 6 years ago, this aquarium unfortunately cracked one day. This was a good excuse to move up to a saltwater set up.

One of my previous hobbies was scuba diving and underwater photography and I have always been fascinated by the colourful and exotic scenery among the reefs of the Caribbean islands. I had heard setting up and maintaining a saltwater reef tank was quite complicated and expensive. So as a beginner, I decided to attempt a set up that would be relatively simple to maintain and inexpensive. I subsequently

accomplished only the former objective.

I am extremely fortunate to know a very experienced MAST member, Dayne Lyn, who talked me through every aspect of starting a reef tank. He even made a house call and arranged the live rock. Over the years I have gained experience in reef keeping by attending MAST meetings, reading articles from various websites, and seeing amazing tanks on the annual Tour of the Tanks, which is educational as well as a great social event.

AQUARIUM PROFILE:

The Display Tank is 65 gallons measuring 48"

long X 19" X 18" containing approx 60 lbs of live rock. There is a corner overflow box gravity draining into a 30 gal. sump, housed in a cabinet below the main tank. The water flows through a compartment containing a bag of Marineland Activated carbon which is replaced monthly. The water is topped off with a reverse osmosis unit, located in the basement which leads into the sump via a float valve.

FILTRATION:

The in sump skimmer is a Euro Reef ES6 which runs 24/7 for the past 6 years. This skimmer has been very quiet and reliable, requiring only cleaning and emptying the cup every 2 to 3 weeks.

CIRCULATION:

The return pump is the one used on Red Sea's Berlin Skimmer. Two maxi jet 1200's are located on the back of the tank pointing forward and two Tunze 6045 Nanostream at each end seem to provide adequate water movement. The return pump and the maxi jets are plugged into a U.P.S. battery back up, which can provide approx 8 hrs. of emergency circulation.

LIGHTING:

Recently changed to T5 lighting utilizing a Nova Extreme Pro 48" fixture with 3-54 watt actinics, on for 12 hrs, and 3-54 watt 10,000K on for 10 hrs. Blue LED moon lights are on 3 nights/month at the time of Lunar full moon. I have not observed if this has any beneficial effects on the corals spawning cycles.

CORALS:

Acropora, Pocillopora, Montipora capricornis, Favite, placed on top of rocks nearest to light source. Assorted Ricordia mushrooms, Zooanthids; Finger Leathers; Kenya Tree; Frog-spawn; Fungia.

FISH & INVERTEBRATES:

2 Cleaner Shrimp (Lysmata Debelius)
Several snails
1 Pistol Shrimp living with a Yellow Watchman Gobey
1 Blue Tang
1 Fire Goby
1 Yellow Clown Goby
Pair Clown fish (Ocellaris)
1 Flame Angel
Feeding is 2 per day with random combination of frozen Mysis shrimp, formula two flakes & pellets.
Dried Marine Algae (Nori) on feeding clip

MAINTENANCE:

Daily routine chores include glass cleaning and checking skimmer operation, temperature and salinity. Check Calcium, Alkalinity, Ph, Nitrate, Phosphate levels approx every 3 months, or if algae increases, or if corals not looking happy.



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Recently switched salt to I.O. Reef Crystals resulting in an improvement in calcium and alkalinity levels. Currently all water parameters are within normal limits. ESV B-Ionic 2 part additive twice per week. 1 cup DT's Phytoplankton once/week. Once every week (2 weeks at most) is a 10% water change. I feel this along with a good protein skimmer is why my tank requires very little additional maintenance, which is an important personal requirement, so that I have more time to enjoy observing instead of maintaining.

Over the last 6 years the only notable problem was a severe infestation of flatworms, which covered the corals, rocks and sand. After advise from more experienced aquarists, Salifert Flatworm Exit was added and to date, no signs of flatworms. A couple of outbreaks of red slime (cyano bacteria) was controlled by increased water changes (20% per/week for 3 weeks) and reduced feeding. 🐟

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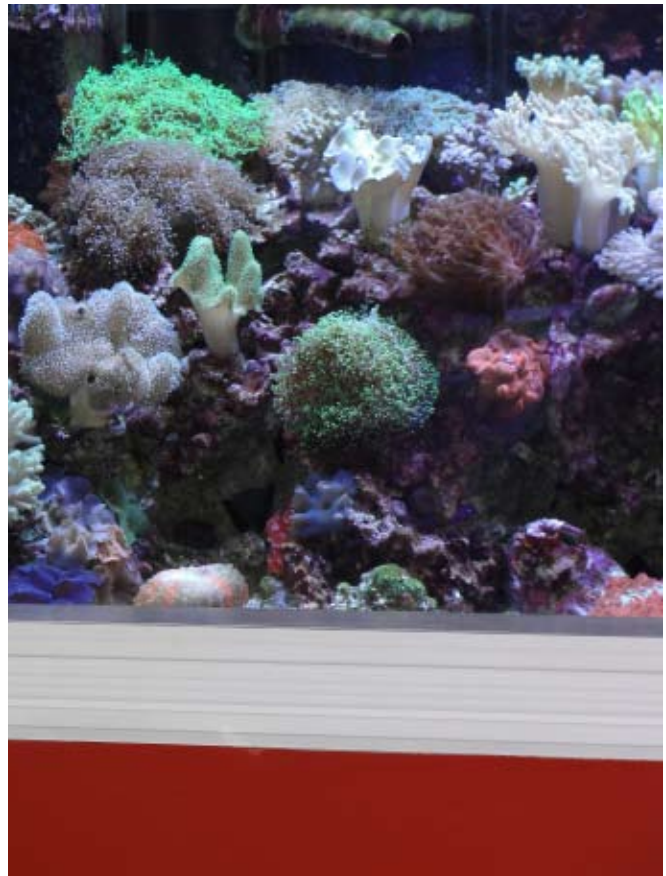


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2010 Tour of the Tanks

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