

# Fish 'N' Chips

A Monthly Marine Newsletter  
October 2006 Issue

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## From Liz

By Elizabeth M. Lukan 10/13/06

**PDFs Online:** It has taken me about a year, but I finally have all the issues of Fish 'N' Chips available in PDF. Look for the Adobe PDF graphic on the yearly issue pages!

**Fish 'N' Chips Links Directory:** My Links Directory (<http://www.marinefiends.com/wsnlinkspreview/>) now requires verification of members' email addresses before they can finish registering and submit sites. I'm sorry folks. I really didn't want to make you go through another step just to get your sites listed but as is usually the case on the internet, a few bad apples have ruined things for the rest of us. I was receiving several new members a day that filled every field of their profile with information on the latest enlargements and pharmacy deals. As if getting those via email just wasn't enough! So, I hope this won't discourage you too much and you'll submit your site to my list even if it takes you an extra step now.

**Q&A:** Several years ago a subscriber and I were planning on adding a Q&A section to Fish 'N' Chips. That subscriber was Patrick Monaghan. Those plans have sat untouched since my move and Fish 'N' Chips' hiatus. I would like to dust off the cobwebs and see if the idea could still work. I've tried to email Patrick but the address I had for him doesn't work. So, Patrick, if you are still out there, I'd like to tell you how sorry I am for dropping off the face of the earth like that. I still have the one Q&A response you did and will publish it if it's ok with you. And, if you're still interested, maybe we could pick up where we left off? If anyone else out there is interested, drop me an [email](#).

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## Critter Corner

## MAC Certified Cultured Marine Ornamentals Now Available

By Paul Holthus and Nathalie Gamain, Marine Aquarium Council

Edited by Elizabeth M. Lukan 10/11/06



The first Marine Aquarium Council (MAC) Certified cultured marine ornamentals are now available with the Certification of three companies to the MAC Mariculture and Aquaculture Management (MAM) Standard. These cultured fish and live rock respond to the increasing demand for MAC Certified responsible marine aquarium trade, by offering a complementary supply to the existing wild caught MAC Certified species. To be sold as MAC Certified, these marine ornamentals have to pass along the unbroken MAC Certified chain of custody, guaranteeing their traceability and their optimum health.

Dedicated *"to conserve coral reefs and other marine ecosystems by creating standards and certification for those engaged in the collection and care of ornamental marine life from reef to aquarium"*, the Marine Aquarium Council launches a new MAC fourth Standard: the Mariculture and Aquaculture Management (MAM) Standard; following several years of work by an international multi-stakeholder group to develop the Standard.

This Standard covers the mariculture and aquaculture management, propagation, collection, and culturing of marine aquarium organisms, including:

- Facility set up and operation, such as of sea cages, cultured live rock, coral propagation, grow-out ponds;
- Culturing activities, from broodstock/post-larvae receipt through to grow-out for market; and
- Packaging and transport of cultured marine ornamentals.

The Standard includes culturing in the natural environment as well as in "stand-alone" operations (i.e., operations solely for culturing of marine ornaments) and "in facility" operations (i.e., culturing and propagation in facilities for wholesale, retail, research, etc).

In January, two independent MAC Accredited certifiers undertook a test Certification audit and evaluation of three companies: one in the UK and two in the US, to the MAC Mariculture and Aquaculture Management Standard. After showing their compliance with the MAM Standard, for their culturing activities of marine ornamental fish and, for one company, live rock, the three companies have successfully obtained the MAC Certification.



Cultured live rock.

Beyond MAC Certification enhancing a sustainable and responsible marine ornamental trade, companies continue to find additional benefits to it. Indeed, growing of live rock in its traditional ponds is a unique and innovative activity for the rural island of Molokai, and "the MAC process has helped us become a better business operation and attain our environmental goals of protecting our fragile marine system. We believe that the MAC Certification will also help us expand live rock operations to the other twenty ponds on our island. This has been a very important mile stone for our young company", emphasizes Mr. Ritte from *Hawaiian Live Rock*, one of the three companies which achieved MAC Certification recently. Dedicated to the perpetuation and enhancement of

Hawaiian cultural activities, this company's main activity relies on restoring the eight hundred (800) year old traditional Hawaiian fishponds.

The newly MAC Certified companies that are providing the world's first internationally MAC Certified cultured marine ornamentals, including live rock, are:

- *Hawaiian Live Rock*
- *Rain Garden Ornamentals*
- *Tropical Marine Centre*

The contact information for these companies is found on the MAC website, where the only official list of MAC Certified operators is available at: [www.aquariumcouncil.org](http://www.aquariumcouncil.org).

The tested final draft of the MAM international Standard is now available for other companies to seek Certification under the pilot phase of its implementation in 2006. If you are interested in becoming MAC Certified under the MAC MAM Standard for the pilot phase, then please email: [info@aquariumcouncil.org](mailto:info@aquariumcouncil.org).

The availability of the first MAC Certified cultured organisms is an important step for the marine ornamental industry in general; as it will allow marine hobbyists to find a larger quantity of MAC Certified species available in the support of a sustainable, responsible marine ornamentals trade and hobby, and healthy marine aquarium organisms.

For more information about MAC and the Mariculture and Aquaculture Management (MAM) Standard, please contact MAC at [info@aquariumcouncil.org](mailto:info@aquariumcouncil.org), and visit MAC website at [www.aquariumcouncil.org](http://www.aquariumcouncil.org).



Coral Farm with propagated species.



Cultured corals.

***Editor's Comments:***

Editing was limited to spelling and grammar corrections and putting into the Fish 'N' Chips format. Nathalie Gamain of the Marine Aquarium Council granted permission for it's reprinting in Fish 'N' Chips.

***Photo Credits:***

All the photos and the MAC graphic were supplied by Nathalie Gamain along with the article. They are all the property of the Marine Aquarium Council.

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## A Short & Sweet Review

### Ich by No Sick Fish

By Atomikk, 11/25/2005

Edited By Elizabeth M. Lukan, 03/17/06

Well, I had recently bought a Kole tang and had it in the Quarantine Tank for 2 weeks. I didn't notice anything wrong with it, since it was eating well and behaving normally, so I put it in the display tank. To my surprise, it already had ich, I just didn't see it.

I did use the Ich medication in the QT for 1 week, but continued it in the display tank. Within 3 days after the tang was released into the tank, it was ich free. Also, none of my other fish got ich as a result.

All inverts and corals are unaffected. Call me a lifetime customer.

#### ***Editor's Comments:***

Editing was limited to spelling corrections and some grammar (capitalizing the beginning of a sentence, adding a period at the end, etc.). No other editing was done, what you read was exactly what was posted on the Saltcreep web site.

More information and an image of the product can be found at <http://www.nosickfish.com/products.php?product=1>.

Please visit Saltcreep at <http://www.saltcreep.com/> for this review, forums, and much more.



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## Caught In The Net

By Elizabeth M. Lukan 10/12/06

**New Stuff Found**

Advanced Aquarist's Online Magazine (<http://www.advancedaquarist.com/>):

- Volume V, Issue IX, September 2006 - <http://www.advancedaquarist.com/2006/9/>

Reefkeeping Magazine (<http://reefkeeping.com/>):

- October 2006 - Volume 5, Issue 9 - <http://reefkeeping.com/issues/2006-10/index.php>

Seas the Day Ocean Book of the Month (<http://seastheday.theoceanproject.org/seastheday/book/index.htm>)

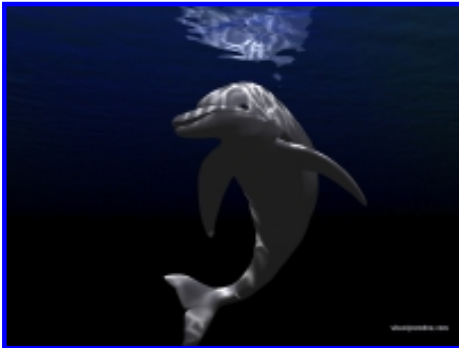
- October 2006 - Cradle to Cradle: Remaking the Way We Make Things by Bill McDonough and Michael Braungart - <http://seastheday.theoceanproject.org/seastheday/book/october2006.htm>

### Seahorse Network Newsletter

This seahorse specific newsletter made it's debut in August. The Seahorse Network Newsletter is sponsored by Seahorse Australia (<http://www.seahorse-australia.com.au/>). Katja de Bradley is the volunteer editor.

Subscription is free and it is designed to be for hobbyists by hobbyists. They plan to publish quarterly. Anyone interested in subscribing or contributing to this new seahorse specific resource should contact Seahorse Australia at [info@seahorse-australia.com.au](mailto:info@seahorse-australia.com.au) or Katja de Bradley at [debradley@bigpond.com.au](mailto:debradley@bigpond.com.au).

### Wallpaper of the Month



**Title:** Dolphin

**Copyright:** Brian S. Kissinger, [Visual Paradox](http://www.visualparadox.com/)

**Link to Wallpaper:** <http://www.visualparadox.com/wallpapers/dolphin640.htm>

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## Marine News

By Elizabeth M. Lukan 10/12/06

**09/01/06, Practical Fishkeeping**

Corals switch algae to beat global warming

<http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=1054>

**09/01/06, Practical Fishkeeping**

Fishkeeper poisoned by dead fish

<http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=1056>

**09/01/06, Practical Fishkeeping**

Mycobacteria widespread in aquaria

<http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=1055>

**09/01/06, National Geographic News**

Venomous Fish Far Outnumber Snakes, Other Vertebrates, Study Says

<http://news.nationalgeographic.com/news/2006/09/060901-fish-venom.html?source=rss>

**09/04/06, WWF**

Great Barrier Reef fish rebound in marine protected areas

[http://www.panda.org/news\\_facts/newsroom/index.cfm?uNewsID=79760](http://www.panda.org/news_facts/newsroom/index.cfm?uNewsID=79760)

**09/07/06, ARC Centre of Excellence for Coral Reef Studies**

Fish That Live Fast, Die Young

[http://www.coralcoe.org.au/news\\_stories/shortlife.html](http://www.coralcoe.org.au/news_stories/shortlife.html)

**09/09/06, Science News Online**

Poison-spined fish from Asia have invaded U.S. waters

<http://www.sciencenews.org/articles/20060909/bob9.asp>

**09/10/06, RedOrbit**

Marineland Plans Big Aquarium Complex ; First Attraction, Part of \$144 Million Renovation, to Feature World's Largest Fish and Open in 2008

<http://www.redorbit.com/news/science/651119/>

[marineland\\_plans\\_big\\_aquarium\\_complex\\_first\\_attraction\\_part\\_of/index.html?source=r\\_science](http://www.redorbit.com/news/science/651119/marineland_plans_big_aquarium_complex_first_attraction_part_of/index.html?source=r_science)

**09/12/06, Practical Fishkeeping**

Aussies investigate stingray revenge attacks

<http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=1064>

**09/14/06, Practical Fishkeeping**

Red Sea cardinal swims to Mediterranean

<http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=1071>

**09/17/06, Conservation International**

Earth's Most Diverse Marine Life Found Off Indonesia's Papua Province

[http://www.conservation.org/xp/news/press\\_releases/2006/091706.xml](http://www.conservation.org/xp/news/press_releases/2006/091706.xml)

**09/18/06, BBC News**

Stunning finds of fish and coral

<http://news.bbc.co.uk/1/hi/sci/tech/5350666.stm>

**09/22/06, Practical Fishkeeping**

New shark discovered off South Africa

<http://www.practicalfishkeeping.co.uk/pfk/pages/item.php?news=1080>

**09/22/06, MCS**

MCS Divers Dive Deep Water Coral Reefs

[http://www.mcsuk.org/newsevents/press\\_view.php/96](http://www.mcsuk.org/newsevents/press_view.php/96)

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## Chips...er...Tips Specific Gravity Level

By Elizabeth M. Lukan 10/12/06

Specific Gravity is the measurement of the salinity of your tank's water - the level of salt dissolved in your water. Yes, that's a very simple definition, but it works!

Keep your tank's Specific Gravity between 1.020 and 1.025.

When doing water changes, test your tank's Specific Gravity and match your make-up water to your tank's level to avoid shocking your critters.

**To Submit Your Tip:** Visit <http://www.marinefiends.com/submit.html>.

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## Upcoming Events

By Elizabeth M. Lukan 10/12/06

Event	Start Date / Time	End Date / Time	Location	Event Details, Notes, and For More Info
<b>October 2006</b>				
MASLAC Meeting: Sarah Lardizabal will speak on seagrasses in the aquarium	Oct. 14, 2006			Marine Aquarium Society of Los Angeles County: <a href="http://www.maslac.org/">http://www.maslac.org/</a>
Green Festival	Oct. 14, 2006	Oct. 15, 2006	Washington D.C. Convention Center, Washington, DC, USA	<a href="http://www.greenfestivals.org/content/view/10/33/">http://www.greenfestivals.org/content/view/10/33/</a>
World Water Monitoring Day 2006	Oct. 18, 2006		Anacostia River in Washington, DC, Washington, DC, USA	<a href="http://www.worldwatermonitoringday.org/">http://www.worldwatermonitoringday.org/</a>

Oceano Marine Conference	Oct. 21, 2006	Oct. 22, 2006	Pointe Hilton Resort at Squaw Peak, Phoenix, Arizona, USA	<a href="http://www.sioceano.com/">http://www.sioceano.com/</a>
<b>November 2006</b>				
Second Annual Coral Reef Conservation and Management Conference	Nov. 8, 2006	Nov. 9, 2006	James L. Knight International Center, Miami, Florida, USA	<a href="http://www.informalearning.com/coralreefs">http://www.informalearning.com/coralreefs</a>
MASLAC Meeting: Adam Blundell will talk about "What is Reef Safe?"	Nov. 11, 2006			Marine Aquarium Society of Los Angeles County: <a href="http://www.maslac.org/">http://www.maslac.org/</a>
Green Festival	Nov. 10, 2006	Nov. 12, 2006	San Francisco Concourse Exhibition Center, San Francisco, California, USA	<a href="http://www.greenfestivals.org/content/view/7/29/">http://www.greenfestivals.org/content/view/7/29/</a>
<b>January 2007</b>				
International Pacific Marine Educators Conference (IPMEC)	Jan. 15, 2007	Jan. 19, 2007	Suva, Fiji	<a href="http://www.ipmec.info/">http://www.ipmec.info/</a>
Zoos and Aquariums Committing to Conservation (ZACC) Conference	Jan. 26, 2007	Jan. 31, 2007	Houston, Texas, USA	<a href="http://www.houstonzoo.org/ZACC">http://www.houstonzoo.org/ZACC</a>
<b>February 2007</b>				
27th Annual Symposium on Sea Turtle Biology and Conservation	Feb. 22, 2007	Feb. 28, 2007	Myrtle Beach, South Carolina, USA	<a href="http://iconferences.seaturtle.org/">http://iconferences.seaturtle.org/</a>
<b>April 2007</b>				
Green Festival	Apr. 21, 2007	Apr. 22, 2007	McCormick Place/ Lakeside, Drive, Chicago, Illinois, USA	<a href="http://www.greenfestivals.org/content/view/17/37/">http://www.greenfestivals.org/content/view/17/37/</a>

**To Submit Your Event:** Visit <http://www.marinefiends.com/submit.html>.

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The Fish 'N' Chips Website can be found at <http://www.marinefiends.com/>.

To view the current issue of Fish 'N' Chips, visit <http://www.marinefiends.com/current.html>.

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