



THE BULLETIN

P.O. Box 29136, THUNDER BAY, Ontario, P7B 6P9 CANADA www.tbyc.on.ca

Remember! Take your monthly Bulletin via Email.

The Bulletin is sent by email to **53 percent** of TBYC members! You get IT early & save the club over \$900. Send your email address to: **trekel@shaw.ca**, or by phone at **(807) 623 4863**

And Please people, when you change your address or email address let us know!

Advertising in The Bulletin

1/4 page \$20.00 + GST = \$21.00

1/8 page (bus.card) \$10.00 + GST = \$10.50

Ads must be "print-ready" (.doc or .pdf)

Fees must be paid prior to publishing.

Contact Teresa Kelly:
trekel@shaw.ca

<p>ACCOUNTING ADMINISTRATION BOOKKEEPING COMPUTERS CONSULTING INCOME TAX MANAGEMENT TRUSTS</p>	<p>ACCOUNTING SERVICES</p> <p>J. CHRIS BAILEY, CMA Certified Management Accountant</p> <p>105 Villa Street Thunder Bay, ON P7A 7W5</p> <p>Tel: 346-4065 Res: 767-1169 Fax: 345-5164 Cell: 474-8356</p> <p>email: cbailey@tbaytel.net</p>
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Thunder Bay Yacht Club Board of Directors Needed

Anyone interested in joining the THUNDER BAY YACHT CLUB Board of Directors please contact George Petty @ phone w 623-7773 h 683-6411 email gpetty@westrans.com

Volunteer Opportunities

Contact:
Rob Cameron for volunteer opportunities at the club house : rcameron@lakeheadu.ca 345-0342 Cell: 627-3618

Needed: individuals to remove part of the rear deck and dig and then refill trench along the sewer pipe and also need a couple of individuals to remove debris from under the clubhouse.

ELECTRONIC INVOICE / INTERNET PAYMENTS

TBYC invoices can be sent to you via e-mail. You may also pay TBYC invoices *through your internet banking*. Simply go to your current online banking website and add TBYC to your list of payees. Your TBYC account number will be your phone number (e.g. 807 577 1234) as directed on the Bank site. It is important that TBYC has your current e-mail address for such billing. This is another way to save both you and the club money and it reduces the work load of our volunteer Treasurer! If you wish to use this convenient service, please send your e-mail address to: **Terry Cano, TBYC Treasurer, at tcano@shaw.ca**

NOTICE TO MISSION PROPERTY DOCKERS AND THOSE ON THE WAITING LIST

Docks will soon be assigned for the 2011 boating season. Your TBYC account must be paid up to date by Feb.28/2011. Members with overdue accounts, including those that have previously docked at the Mission Property, will not be assigned a slip and will be required to re-apply. Members on the Dock Waiting List with overdue accounts will be deleted from the list and will be required to re-apply. Dock Waiting List seniority is determined by the date the application is received by the docking chairman. At this time we have approximately 30 members on the Mission Property Dock Waiting List.

**Richard Matheson
Docking Chairman**

Nautical Navigational Notes # 6

What is Nominal Range? N R(distance) of a light is determined by its Candelas (candle power). The brighter the light the farther away it can be seen. A light's NR is determined when the Meteorological Visibility Range is 10 Nautical Miles (1000 candelas visible at 10 Nautical Miles).

What is Meteorological Visibility Range? MVR is the present transparency of the atmosphere (how far you can see). It is determined by the distance in Nautical Miles that a light of 1000 Candelas can be seen against a black background. Mist, fog , rain and snow decrease Meteorological Visibility Range.

What is Visibility (Luminous) Range? V (Luminous)R is obtained from the Nominal Range Diagram (Luminous Range Diagram) on page xi of the Inland Waters - List of Lights, Buoys and Fog Signals, after the Nominal Range of the Light and the Meteorological Visibility Range are both known.

What is Geographical Range? Geographical Range is "Line of Sight" and is considered here because of the curvature of the earth. A sailor in the crow's nest would report another vessel as being "Horizoned Out" when that vessel sailed out of sight below the Horizon. The higher the observer and the higher the object, the farther away the object can be seen.

The formulas for Height of Eye (Dip, angle of Dip) above water level and Height of Object above water level that determine Geographical Range are:

- 1) distance in nautical miles = 1.17 times the square root of the height in "feet".
- 2) distance in nautical miles = 2.1 times the square root of the height in "meters".

David Wallace

FYI

This is a little website that uses Google Maps and overlays nautical charts including NOAA. It's really nice to be able to overlay satellite pictures with NOAA charts; and the translucency can easily be adjusted allowing you to actually see things like Grand Reef in photo and how it relates to the chart. You can also plot courses, measure distances, and transfer waypoints onto GPS devices. Thanks for sharing Chris.

<http://marine.geogarage.com/routes/>

Chris Dettbarn

Photo Corner



Don't Despair!! Better Days are coming!!

Things to do when you can't go sailing.....

1. **Thunder Bay Symphony Chorus is seeking new members Info: Hope 768 1713**
2. **Fort William Male Choir seeking members Info: 344 6569**
3. **Dulcisono Women's Choir invitation for new members Info at 767 6028**
4. **Thunder Bay Field Naturalist www.tbfn.net Annual dinner February 27th, 2011
Contact Art 767 1587**
5. **Thunder Bay Hiking Association has weekly outings. Info at www.tbha.ca**
6. **Knitting and weaving lessons can be had at "Threads in Time" located at the corner of Victoria Avenue and May Street. Contact Lyn: 626 9023**
7. **Mixed Darts every Thursday 7 to 10 p.m. at RCL PA Branch 229 Van Norman St.**
8. **Ladies Bowling Tues. 1 to 3 at Mario's Bowl.**

Maintenance Notes

Faded and Dull Fiberglass (from Marine Store.com)

If your boats surface has oxidized and is faded or dull, waxes and polishes may temporarily restore the shine but it may not last for more than a month or two. The gelcoat surface has microscopic pits and crevices in it in from oxidation, even after you have rubbed off the oxidized layer. When you apply wax over the surface, the wax is too heavy to penetrate into the tiny crevices so oxidized boats usually never shine like they did when new. Air gets trapped in the tiny

pits under the wax and the oxidization will continue underneath the wax! Fiberglass sealers avoid this problem by filling in all the holes, pits and crevices in the gelcoat surface.

Polish products are similar to waxes but they contain an abrasive material which rubs off oxidation and helps restore shine to the surface. They are best for boats which are slightly oxidized and must be followed by a protective coating (sealer).

To combat oxidization a three part system is usually best. Clean the surface, remove the oxidization with a special product or an abrasive polish, seal the surface and then wax. Some special sealers do not need to be followed by wax.

Start with a clean surface free of dust and grit. Then rub the fiberglass, with an oxidization remover or a polishing compound to remove the oxidized layer. Let the product dry to a haze and buff it off to reveal the clean surface.

If your boat isn't shiny at this point, it's because the clean gelcoat surface is pitted and is diffracting the light instead of reflecting it. By filling in the microscopic pits you can restore the shine: To prove this, just apply some water to the surface and see if it becomes shiny. If so, you then need to apply a sealer which will fill in the pores and maintain the shine.

Share your information

Do you have any maintenance tips to share? Have you found a product that does or doesn't do the job? Send the info to me for the bulletin at trekel@shaw.ca and share your knowledge with the club.