



Splice



February 18th 2010. Free to members, non members Rmb50

A warm (relatively) and sunny end to the Chinese New Year holidays, time to get back down to the lake. Key dates for the first couple of months of the Year of the Tiger are below:

- Thurs 25th Feb: Social Evening
- Sat 27th Feb: Frostbite Series Round 4
- Sat 13th Mar: Spring Series Round 1
- Sat 20th Mar: Spring Series Round 2
- Thurs 25th Mar: SBYC AGM
- Sat 27th Mar: Spring Series Round 3
- Sat 3rd Apr: Spring Series Round 4
- Sat/Sun 10th/11th Apr: Boat Show & Charity Regatta
- Sat 24th Apr: Family Open Day
- Thurs 29th Apr: Social Day



Check the club calendar for details of your duties for the year ahead...

From the Poop Deck - Commodores Log

Project approval for the SBYC WOFE was granted in January after 2 years of efforts. The club has also seen strong membership growth and approved the purchase of 2 new Visions.

Please also note the date of the **AGM on March 25th**. Members are invited to volunteer for committee positions at the election.

Green Flash, (Not the Training Shoes)

Recently I have read a number of articles in prominent yachting magazines that belittle the "Green Flash" phenomena. When I first went to sea in 1965 in a very old vessel of 1928 vintage we were taught the handed down ways of seafaring which were based on observations of wind, weather, sea and sky. The Green Flash was one of those observations along with Aurora Borealis, Moon Halo (22 and 45 degrees) Scintillation, Sea Smoke etc that we were encouraged to observe and note whenever

possible. Nowadays whenever the Green Flash is mentioned most listeners relate it to the Dunlop tennis shoe or alternatively to some unsavoury experience hitherto rarely mentioned! Certainly most people consider it to be Myth not Fact.

Once you have observed the Flash it's something that you can always see to some degree if you are in the tropics and have a clear horizon and sky. (you can impress onlookers with your apparent knowledge and assume "Guru" status to those close to you!) To witness the "Green Flash" you need to closely follow the setting of the sun over a clear horizon and as the top of the meniscus of the rim of the sun is only just above the horizon look at the rim with a pair of binoculars. (be careful not to look at the sun if more than 10% of it's diameter is above the horizon and this only needs to be done initially to actually highlight what you are looking for) As the rim of the sun is just minutely above the horizon the red and orange colour transforms to turquoise and green and is really quite beautiful. Any dust in the air (particularly if there has been any volcanic activity in the region) enhances the clarity of the colours and as the sun finally dips below the horizon colourful rays mainly of turquoise and green refract outward. This is the Green Flash. Guess we wont be seeing this over Dinshan Lake but another Phenomena: "Arctic Sea Smoke" was observed in the winter with the very frosty conditions!

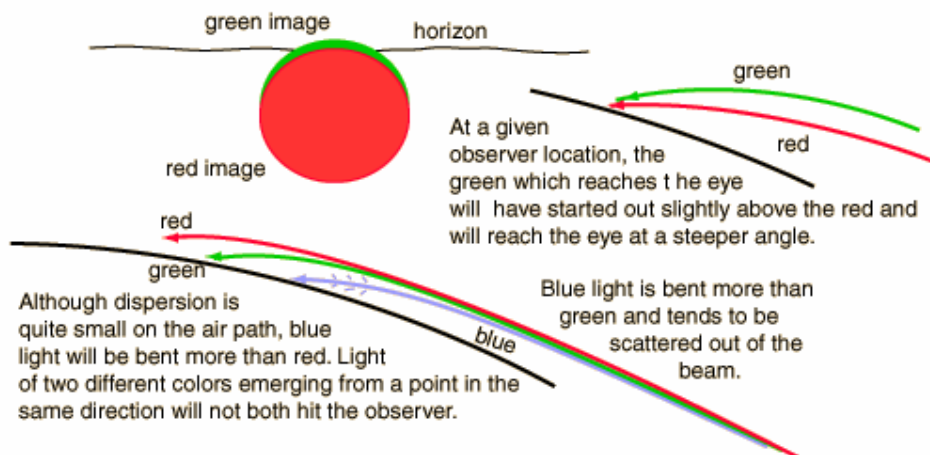
John Coffin

Commodore SBYC

For a more scientific explanation :

Green Flash

The famous but seldom seen "green flash" or "emerald flash" which occurs just before the last part of the sun disappears from view at sunset is caused by the same atmospheric [refraction](#) and [scattering](#) effects which produce the [red sunset](#).



A rich subject for debate over the years, the green flash is rarely seen, but its observers wax eloquent about the brilliant green or emerald color when it is seen. In

uniform air, the dispersion is apparently so small that the separation of red and green images is not visible. It takes more unusual layering of the atmosphere to enhance the separation.

Such a seldom seen and dramatic effect as the green flash tends to collect myth, so some care must be taken to separate fact from myth. I had reported from another reference that the perceived brilliance of the green might be heightened by the low-light enhancement of green vs the red end of the spectrum (see "[Rods do not see red!](#)" in [color puzzles](#)). Andrew Young contests this, stating that sunsets are so bright and provide so much light even in the green that significant bleaching of the pigment for both red and green may occur, certainly not the conditions for the [scotopic](#) or low-light vision. Young maintains an excellent website of resources about green flashes, "[An Introduction to Green Flashes](#)".

The index of refraction for red is 1.000292 and that for blue is 1.000295. Out of a total refraction of about 0.53°, the dispersion is only 0.006° or about 20 arc seconds, compared to a 120 arc sec resolution for the eye. Thus under normal conditions the eye would not see this.

And Finally...



Classifieds



Trenchers Sandwiches - Shanghai's newest and freshest sandwich delivery service. Delicious 'home style' sandwiches made fresh to order and promptly delivered to your home or office.

Unbeatable Value - Why pay more for your business lunch when you can have fresh 'deep filled' sandwiches delivered to your home or office from just RMB 20.00? (even our 'flagship' Montague Sandwich is only RMB 24.00!). Add to this a selection of fresh and healthy drinks and snacks from our 'Super Lunch Box Deals' for just RMB 10.00 and your lunch requirements are solved in one simple order.

Fresh Ingredients –All Trenchers Sandwiches are made using thick cut fresh bread (choose either white or whole wheat bread), baked locally using only natural ingredients and delivered fresh every day. Sandwich fillings are sourced locally and prepared in our professional kitchen in downtown Shanghai fresh every day.

Free Delivery - Sandwich prices include delivery to anywhere within a 3km radius of the Trenchers kitchen during normal delivery times (weekdays 11:00am – 6:00pm). We are happy to cater for deliveries outside of this area or outside of our normal delivery times (for parties, picnics etc) by prior arrangement, please do contact us for information. Telephone lines are open from 9:00am until 6:00pm weekdays.

Great Selection – At Trenchers Sandwiches, we know what we do well and we stick to it; that is delivering simple 'home style' sandwiches that, in the words of some of our customers are "just like mother used to make!". That said, you will not be disappointed with the range of sandwiches and snacks on offer, starting with 8 meat and vegetarian sandwiches that will suit every taste (see our website www.trenchers-sh.com for full menu details). Try one for yourself, we'd love to hear your comments and feedback.

Hotline: 52133110
WWW.trenchers-sh.com