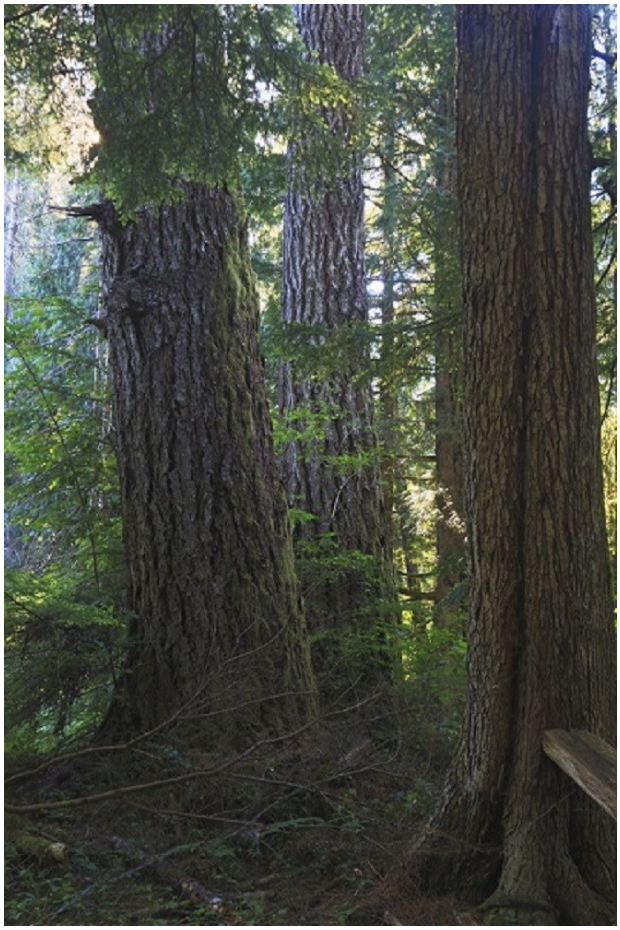
S.N.C.A. Volume 149 June 2019

The Surge Narrows Fish & Forest Reserve
LOT 302 Addition Possible



Last month, through the generosity of **Derek and Pat D'Altroy**, we were given the opportunity to add another 20 acres of healthy mature forest and wetland to our cherished 20-acre ecological reserve at Lot 309. The purchase would bring our Fish and Forest Reserve to a total of 40 acres. Derek and Pat have expressed the desire to see that portion of Lot 302 preserved for locals and visitors to enjoy forever, and have agreed to sell it to the community for $150,00. Although $150,000 may seem like a lot of money, the land value and timber value are significantly higher. In fact, within 48-hours of the community members and D'Altroys reaching an agreement, a logging company made them an offer which they declined preferring to sell it to the community instead.

Nearly everyone who reads the Surge Currents will be familiar with community efforts to purchase 20 acres of Read Island forest land back in the 1990's. That 20 acre portion of Lot 309 contained the last remaining mature forest which buffered the community from the 1,000-acre contiguous clearcut beyond. It also embraces Read Island's best salmon stream within its boundaries. Today, the pain of raising $78,000 over 3 years has largely been forgotten and we are united in our appreciation of those who made the sacrifices and had the foresight to protect it.

Now, with the purchase of Lot 302 we will have a great opportunity to develop a rainforest trail from the Surge Narrows Store (and government dock) all the way to Ken Flager's property. There are many magnificent Douglas Fir and Cedar trees large enough to be considered "old growth" and they're only going to get bigger!

I know that if we are successful in raising the required funds, people will come to hike this beautiful and accessible rainforest trail. Students from Campbell River high schools are already coming to Surge Narrows for a wilderness

experience. Perhaps now we can harness their great energy and build a first-rate trail. The possibilities are endless and together as a community, we can map out a plan.

Within the coming months, SNCA will be reaching out to the community for money and will be writing grant applications. A local family has offered significant financial help, but the community needs to step up to the challenge and raise the balance. Are you ready to help out?

Come join us and the Surge school kids for 12:45, Wednesday, June 5th for Lot 302 & 309 explorations. Bring your cameras. We need lots of great photos for the Lot 302 acquisition prospectus.

By Ralph Keller

"The SNCA Board thanks Ralph and Lannie Keller for their leadership on this project. We are excited about the possibilities. Any and all fundraising ideas are welcome."

Current Events and Notices

Medical Clinic June

Nurse Pat will be at the Clinic June 5th and 19th

SPRING BASEBALL AT THE SCHOOL

The students at Surge School will be playing baseball each Friday at lunch (beginning around 12:15) for the next few weeks. We would love for community members to join us (we don't have enough kids for a team!). No experience necessary - we just need players.

Streamkeepers Course

Streamkeepers 1 course on Quadra at the Eco-Centre (Hyacinthe Bay Rd) on October 26th and 27th

Dave Clough, an enthusiastic, knowledgeable, and experienced speaker, is giving the course. The 2 mornings are for classroom work, the afternoons for salmon stream ecology and a wetland survey.
Most of us know of a local salmon stream. Even a seasonal stream will probably have cut-throat trout (in the summer puddles). In a time of habitat loss and climate change more than ever we need to know how to care for and protect our salmonid streams.
The cost of the course is nominal $0-$30 for printed materials.
If you have any questions please contact me.
Let me know as soon as possible if you are interested as places are filling up.
Eileen Sowerby 250-285-2434

Tinny Davidson

In case you missed it, Scott Davidson's mother has become something of a celebrity. Known around the Comox Valley as "The Waving Granny", she has been seen far and wide including on CBC for the lovely connection she established over many years with the children of the local Comox high school. As she moved away she was honoured with a special tribute from the local students and in the clip below Rachel Blaney honours her on the Floor of Parlia-

Excavator for Hire

I will be moving my excavator from Merlin's neck of the woods to Lamberts Beach and will be doing ditching along the way. So if anyone needs something I'll be out there. As well if anyone would like I could truck more gravel if there is need. Devin

Mowi Suspends Fish Farm Construction off Quadra Island Amid Protests

(This article appeared in the Campbell River Mirror on May 29th, as written by David Gordon Koch and reprinted in numerous Vancouver Island papers.)

Aquaculture company Mowi (formerly Marine Harvest) announced on Tuesday that it's suspending the construction of a fish farm near Campbell River until it reaches an agreement with Homalco First Nation, which has raised concerns about the effects of the facility on ancient clam gardens.

The decision came just after a flotilla of protesters staged a demonstration at sea on Tuesday. Several dozen activists in at least 15 boats attended the protest at Cyrus Rocks in the Okisollo Channel, northeast of Quadra Island.

Black Press travelled to the site with documentary filmmakers Eiko Jones and Kim Isles and spoke to protesters who want fish farms removed from coastal waters.

"There's no reason to have open-net farming on this coast," said Brian Bloomfield, who lives on Maurelle Island, directly across the channel from the site. He said he doesn't begrudge people who work in the industry, but that aquaculture facilities should be on land.
Protesters said Cyrus Rocks site is a poor choice for open-net pens because of its proximity to various outdoor adventure businesses, several marine parks and a rockfish conservation area.

"All these thousands of Atlantic salmon … are in an open-net pen in the water in which are supposed to be recuperating stocks of rockfish," said Claudia Lake, a Maurelle Island resident who was among the organizers of the protest.

Protesters circled a barge at the Cyrus Rock site where the open-net pens are apparently being set in the water. There was no sign of anyone on-site. The company said it was suspending work for the day.

Activists on the flotilla cited longstanding concerns that open-net pen aquaculture poses a variety of dangers to wild salmon populations, notably the spread of sea lice.
"It's going to be close to zero, if not zero sockeye coming home," said George Quocksister Jr., a Laichwiltach hereditary chief. "It's because of those farmed fish pens."
Quocksister carried a letter signed by Homalco First Nation Chief Darren Blaney saying Quocksister was welcome on Homalco territory.
"We have a common interest in protecting our lands and waters," Blaney said in the letter.
The flotilla of boats, many of them bearing placards with anti-fish farm slogans, circled a barge where workers had begun setting up the pens.
Several dozen protesters were in Okisollo Channel as part of today's protest, in small motorboats and on a larger fishing vessel covered in placards and banners.

Mowi said on Tuesday morning it was aware of the flotilla and had "stopped farm set-up for the day to ensure there is a safe environment."
Later in the day, the company said it was putting the project on hold following a meeting with Homalco First Nation's chief and council.
"Mowi met with Chief Blaney and Councillors of the Homalco First Nation this morning to hear their concerns and are working with the Nation to find a pathway forward," company spokesperson Chris Read said in a statement.
"Work will be suspended at this site until further notice."
Blaney told Black Press in a text message that the First Nation is protecting clam gardens that date back 3,500 years.
"Our people have always relied on the shellfish resource," he said. "We will work towards a consent-based consultation."
Jeremy Dunn, Mowi's director of community relations and public affairs, elaborated on the decision on Wednesday.
Dunn said the company is working with Homalco "to find a pathway forward that's respectful of their concerns but also respectful of our employees and the 600 people that work with Mowi Canada West and depend on our operations for our livelihood."
Until then, he said, "we won't be working at the site."
Dunn said the company has held a license and tenure for Cyrus Rocks since 1986, but he said the site has been fallow since 2013.
"In the Discovery Islands, we use an extended fallow strategy with all of our farms, as we've developed over the many years through conversations with First Nations and others," Dunn said, calling it a sustainable approach.
CTV News Video about the event: https://vancouverisland.ctvnews.ca/work-halted-at-quadra-island-fish-farm-site-amid-protests-1.4441577

How the Sea North East of Cape Mudge Came to be Full of Reefs

The Sliammon People's use of the Discovery Islands reaches deep into the mythic past of magic ancestors who could transform between animal and human form at will. Such a man Tlao'kokt courted a girl, but was rejected. For revenge he tempted her with chewing pitch (old-fashioned gum). The girl was wary, so she sent her sister to receive the chewing pitch. Her sister took the pitch and agreed to the condition that she must swallow it. In the night the girl awoke with a swelling belly, and when her father discovered that she was pregnant he ordered all his people to abandon her. P'a, (her father, also means raven) told his people to extinguish all of the fires, but T'ets (her grandmother, also means crow) took pity on her and put a glowing coal in a clamshell and told her where she hid it.

In due course the girl gave birth to seven puppies, six males and one female. Whenever she went to the beach she could hear her children's noisy play in the house. Sometimes they sounded almost human, so she crept up to the house and indeed, as she had suspected, they had cast their dog skins aside to frolic in human form. She dashed in and threw their dog skins into the fire where all were destroyed except one paw of the girl's skin.

Now the children were all permanently human, so they all pledged to care for their mother. The girl said she would weave capes for the family, the eldest son offered to hunt deer and the second to hunt seals, while the third brother planned to hunt whales. Each had something to offer. The girl made a cape for the eldest son to take hunting and when the brother was tired from hunting, he went to sleep on an island. The sun came down and offered to exchange cloaks saying, if you are hungry dip the cloak into the water and shake a bit, then salmon will come. The sun climbed back into the sky and the woman and her children became very wealthy.

The dog children were young adults when T'ets came back to see how her granddaughter was doing. The dog family gave the older woman many presents including seal blubber, which she took home. When P'a found out that his daughter was wealthy he decided to pay a visit. He ran into his former home and got sent away, for the dog children knew it was he who extinguished the fires and ordered his people to abandon them. The dog children gave P'a nothing to eat but red snapper, so P'a fashioned himself a herring rake and went fishing, but the oldest brother caused reefs to form wherever P'a dipped his rake into the sea. Thus, P'a came home empty handed and ''since that time the sea to the north-east of Cape Mudge has been full of reefs".

Written by **Jasmine Harvey**

Campbell River School District Chess Tournament

Dylan Harvey competed with the grade 4s - he won his first game and lost his second**.** **Jasmine Harvey** competed with the grade 5s and came in third place. **Andrew Hrybko** and his brother **Samuel** competed in the middle school division (grades 6-8) and met in the finals. Andrew came in first place and Samuel came in second. Samuel will be joining the Surge School in September.

Summer Visioning Event

Setting Priorities and Building a Community Action Plan

We are starting to plan the next Visioning event! In addition to facilitating more stimulating discussions, we plan to share the findings of the Community Surveys regarding the new SRD Surge Property and Lease. So, if you'd still like to fill out the online survey please do so by June 25th. You can find the survey at:

https://docs.google.com/forms/d/e/1FAIpQLSf9H4HsZGCQP-DjfO20AVffQVMTJN-w3N14PitUnF0ovVG7xw/viewform

So far, our idea for the summer event is an afternoon of round table discussions, perhaps some presentations of specific ideas, followed by a potluck dinner and social gathering.

At this point we are looking at Saturday, August 3rd as the tentative date since its the only weekend in August that our planning team is all on island.

Please let us know if you'd like to get involved with planning the event or have ideas for discussion topics!

Sheila (fashedo@hotmail.com)
Jorge
Lise
Mike

Seaweed Café News

The Wednesday lunches on the dock are in full swing and the turnout is good, including plane loads of Europeans, boats of whale-watchers, visitors from Quadra & Cortes, and kayakers. The Seaweed Café Kitchen works well and cuts way down on the hauling of tools each week as well as smoothing the cooking and serving processes. SNCA supports the lunch by providing propane for cooking and Steve watches the floating structure for any maintenance needs. Each week volunteers help with set up and other chores, with Meg being a consistent helper, and Bruce and Donna always so willing to solve logistical problems ("Oh no, I forgot to bring more dish soap! Donna, do you….", or "Bruce, we've run out of water…."). We continue to improve the Café in small ways and dream of one day having running water and electricity!

The cooks love to see folks socializing and enjoying a meal, so even if profits are modest there is a great satisfaction in the effort, and the seniors have been keeping the Café running despite their age-reduced energy levels. With a little more advertising, a stronger presence from islanders, and good menu planning, this could be a reasonable job for someone. Cooking from scratch and value-adding to garden produce turns time into income and yields superior meals.

However, we cooks have all the same homestead and family demands as everyone else and it is hard for one person to provide the lunch *every* week. **WE NEED MORE COOKS!!!** If you would agree to create just one lunch over the summer, that would give needed relief while keeping the service happening. There is a lot to be learned from the cooking/serving experience and from the challenge of building community in this way. There will be support and guidance, as needed, from Judith and the Surge Point cooks who have had plenty of experience in the Café. It would also work well for a team of two or three to take on a meal if you don't feel up to doing it all yourself, and Judith would often be willing to help with baking as desired.

If you would be willing to cook for one Wednesday (or more), please email Judith a.s.a.p. with your possible date(s) and she will organize a schedule for the summer: judithwright_@hotmail.com

Thanks very much, from the cooks and from all the local and tourist diners, for your participation.

Judith

BOARD SHORTS:

A short update from the SNCA Board
June 2019

<u>Please join us</u> - Friday September 13, 10 AM: Surge Narrows Community Association AGM. Regional Director Jim Abram will join us.

<u>Telus cell service</u>

There were many complaints Telus cell service was poor to non-existent in the first 3 weeks of May. At our request, Jim A. has followed up with Telus, the performance engineer has reviewed and made some changes. Let Jim (or Ginny) know if you're seeing any difference.

<u>Hoskyn Channel Dock</u>

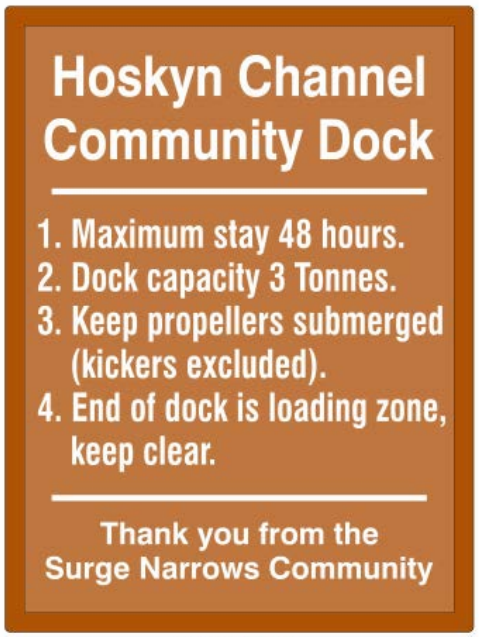
(also called "no shine" or "end of the road" dock)

Jim Abram reports that SRD is planning bylaws specific to this dock. We have been assured we will have input; this process normally takes 6 – 12 months.

As requested at recent community meetings, signage is being ordered. Preliminary proofs are below for 2 signs for parking lot (1 at top of hill, 1 at lower lot) and signage at dock; design style faux woodgrain on durable aluminum dibond material.

<u>Any dock users requesting content or wording changes, advise Ginny by June 10th.</u>

16"x12"



32"x24"

Quadra/Read Island Medical Clinic – **Important Information**

Nurse Practitioner, **Pat Peterson, will be at the Read Island Clinic at 10:30 a.m. on Wednesday, June 5th**. If you need an appointment **please phone the Clinic** at 250-285-3540. If you are unable to call you can always check to see if Pat has time for a drop in appointment . . . but phoning is best.

Pat is bringing **twenty free frozen meals** on June 5th for anyone wishing to sample the meals-on-wheels service. Some of them have been spoken for already but you can let Pat know if you'd like to try this service. She will bring them to the freight shed. Any unclaimed meals will be put in Donna and Bruce's freezer at the end of the day. Their freezer is on their back deck so that you can help yourself.

The **new doctor, Dr. Steve Hughes**, starts in the Clinic on June 24th. Now is the time to get registered as a Clinic patient, if you are not already one. Getting your 'own' doctor is getting harder and harder in BC so the suggestion is to visit the clinic or phone at the above number and do so asap before they fill up and start responding with, "the doctor is not taking any new patients at this time" which seems to be a common refrain.

Please pass this information along to anyone you know who may not get this email.

David Cox

Cyrus Rocks Fish Farm Re-Installation—The Letter that Inspired the Protest

The following is the short video of the beginning of the installation by Tavish Campbell May 16, 2019 (Copy and paste. It is a little slow to boot up.) The letter from Claudia Lake that inspired the protest.

https://mail.google.com/mail/u/0?ui=2&ik=7235d01a9f&attid=0.1.1&permmsgid=msg-f:1634374543519726368&th=16ae76fcf06f3b20&view=att&disp=safe

Good Day,

As some of you know I live on Maurelle Island, across the Okisollo Channel from Waiatt Bay on Quadra Island. This has been our family home for nearly 40 years.

I am very disheartened to see that the operators of the fish farm at Cyrus Rock in the Lower Okisollo Channel, south of Waiatt Bay off the east side of Quadra Island, have returned, as I write these words, to prepare the site for the return of their open net pen-farmed Atlantic salmon.

It is so very discouraging to see this unsustainable and harmful industry returning to these waters; the very same pens that have been evicted from the waters of the Broughton Archipelago, are now, as I suspected they would be, about to be relocated farther south to the sites in the Okisollo Channel, both Upper and Lower. I understand that the pens in the Upper Okisollo have already arrived, and that site is now twice the size it was to begin with.

A number of years ago these farms were moved out of here, and up to the Broughton, because we fought to get them out of these waters which are also along the route of migratory juvenile wild chinook, coho, sockeye, pink and chum salmon.

The site at Cyrus Rock is located adjacent to the Village Bay Lakes Park system and the Octopus Islands Marine Park. As well as being a route used extensively by several local kayak tour operators and many university outdoor programs, this route is also used by many boating visitors to access the several marine parks in this area; Surge Narrows, Octopus Islands, the old portage trails at Yeatman Bay and Waiatt Bay to Small Inlet and Granite Bay.

It is a travesty that the DFO and other agencies are allowing this monopolizing company to return to these waters from whence they were previously evicted. I understand that Marine Harvest is owned by a much larger mega-corporation that also owns all the fish feed manufacturing operations globally. This commercial activity puts a huge strain on the world's oceans by overharvesting krill, anchovy, herring, pilchard and many other important feed fish populations to be converted into the feed used by fin fish farmers all over the world. This is the reason whales and other top of the food chain marine populations, including wild Chinook salmon, are starving to death.

As if all that isn't bad enough there is a huge conflict pertaining to this body of water also being home to several species of marine mammals that have recently been making a big comeback. We often see multiple humpback whales, large numbers of orca, sea lions, a resident population of harbour porpoise, schools of white-sided dolphins travelling through these waters; normal maritime life has recently been returning to these waters since the fish farm left many years ago. The fish farmers have permits to shoot seals and sea lions, and this is also totally incompatible with the many other sanctioned and commercially important recreational activities taking place in these waters. All this does not even mention the considerable 24/7 industrial noise, night-time industrial lighting (which attracts juvenile fish of all species to be gobbled up by the farmed Atlantics), increased industrial boat traffic and activities like loud and stinky net washing that takes place when a commercial enterprise like this fish farm is in operation.

The lower Okisollo Channel is within the Rock Fish Conservation Area. In these waters there is also a lot of prawn fishing, both commercial and recreational, traditional and commercial/recreational harvesting of clams, as well as crab fishing in nearby Owen Bay. Chemicals used by the fish farm company to fight off sea lice epidemics proliferated by overcrowded salmon farms, is deadly to invertebrates such as prawns, clams, Dungeness and rock crabs.

The sludge that accumulates beneath the open net pens basically suffocates all sea life on the ocean floor at that site. This is a dreadful thing to have in a conservation area let alone in an area surrounded by marine parks and reserves. The detrimental activity of open net pen fin fish farms does not make economic sense. Industrial activity being subsidized by the environment is simply wrong, and will have a negative and lasting impact on existing local and viable marine-based tourism that has been growing ever more important in this area over the years.

I am very upset that this Atlantic fish farm is being allowed to return after being kicked out years ago, and without any public notice or consultation whatsoever, but simply because the company has held onto its previous license of occupation, so that one day they might just slip back in through the back door, thinking that nobody will notice them. It is appalling, even more so that it is happening right now, just as the 2019 summer season is about to begin, and with it the out-migration of juvenile wild salmon species.

I appeal to all of you to do something creative, and constructive, to stop this company from moving its lice and disease infested, foreign species, open net pen, industrial operation back into these waters! This enterprise does not belong here.

I anticipate your reply in the near future. Thank you. I remain yours sincerely,

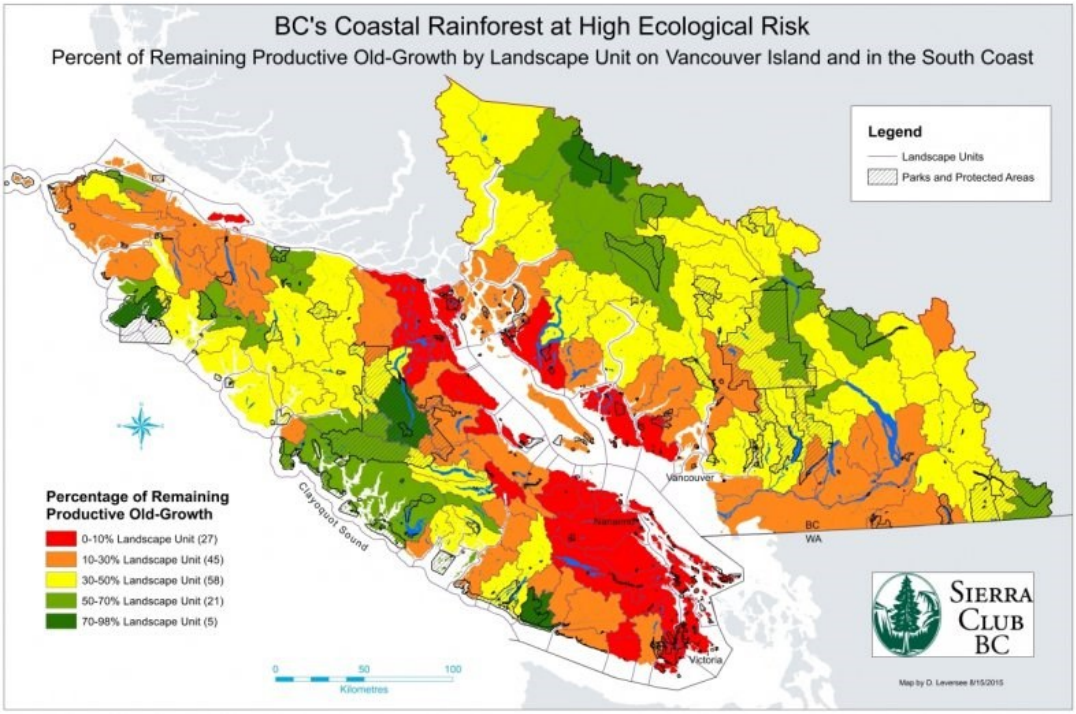
Claudia Lake Maurelle Island

June 6: Save BC Forests - Day of Action

The Sierra Club has organized a province wide letter writing campaign, primarily aimed at saving old growth forests in BC. A letter will be available to sign at our post office until after this week's community lunch June 5. It will be taken to Quadra for delivery to Claire Trevena on the morning of Thursday, June 6. Maya Mackenzie

The BC government is currently inviting British Columbians to provide input into improving BC's forestry regulation, until July 15. The improvements must include an end of all forms of extreme old-growth logging. Sierra Club BC is planning a province-wide day of action at MLAs' offices on Thursday June 6, calling on the B.C. government to protect old-growth forests and improve forest management. Below is a link to a sample letter.

http://vancouverunitarians.ca/ucv/wp-content/uploads/2019/05/Sample-Letter-to-Minister-Donaldson.pdf



Quick points from the May 2019 Fire Presentation

- Western Canada long range forecast: a hotter drier summer than previous years.
- Our fire officers strongly recommended firesmarting our homes; see flyers at the freight shed. Post-assessment shows firesmart homes in Fort McMurray survived that fire while neighbouring non-firesmart houses did not.
- If you are in the market for a firepump, they suggested a small, easy to start, easy to carry pump such as the Honda WX10; you can use garden hose with it.
- Should there be an evacuation alert (warning) , it would come via SRD Emergency Preparedness. If an evacuation order, the fire crew or search & rescue staff would knock on doors. Should knocking on doors happen, expect little or no warning to evacuate.
- On a personal note, this showed me the importance of setting up an emergency communication network- tree. More on this by mid-June.

Please put a note up in your home – To Report a Wildfire, call 1-800-663-5555 or *5555 on cell phone. Website www.bcwildfire.ca.

Ginny
Emergency Preparedness

Message from Renate Harvey

For everyone who came to Donna's Celebration of Life: Thank you! It was a heartwarming event with so much good food, lots of great stories, some sad, but mostly funny. She was in the room with us in spirit, but would have loved everything about it. We all miss her wonderful laugh and good humour....

Jim Abram's Regional Director's Report - May 20, 2019

The following is an excerpt from the full report with the information relevant specifically to the Outer Islands. For the full report please see the *Discovery Islander* on-line or in print.

Hope that everyone had a great Victoria Day weekend. There certainly was no shortage of things to do!

Life as your Director never slows. It seems that we just keep getting busier and busier. There is a lot going on and I will try and make this as painless as possible and just give you a brief overview of the various topics.

One very *IMPORTANT* announcement

We will be hosting a Connected Communities Initiative meeting on June 6th from 7 to 9 pm at the Quadra Island Community Centre. I know that all of you are interested in better, faster internet and better cell coverage, so PLEASE come to this meeting. All of the people you need to hear from and talk to will be there. Please come!!!

The item below is what we're looking to for help vis-a-vis BC Marine Trails. (Ginny V.)

Integrated Community Sustainability Plan

The contract for this initiative was awarded to Dillon Consulting earlier this month. We are going to start with some preliminary meetings to see what needs to be looked at (everything!) and then get on with it throughout Area C. This came with a substantial grant and we hope to have it completed within no more than two years. You will be kept informed as we go concerning meetings and options for input.

Outer Island Ongoing Issues

Read Island Subdivision - We started this process about two years ago and I have had weekly conversations with the lead agencies and with the community and the SRD. We have jumped through all the hoops. We have purchased the property. The Subdivision Plan and associated documents have all been completed by the Surveyor and we are now awaiting finalization of all the legal instruments and registration at the Land Title Office in Victoria. Then the plans for the land can begin! What a bonus this will be to the community.

Surge Narrows Foreshore License – This is a project that I started prior to the purchase of the upland property at Surge Narrows. We need the water lease area to add to our SRD lease for the main Surge Narrows dock. It is overcrowded and can only get worse. So, thinking ahead I tried to get this piece of abandoned water lease for community use, and it is working. Weekly calls to the officer in charge at the Ministry, meetings with two Ministers in Victoria and SRD staff involvement with the bureaucrats have paid off! The application is awaiting final approval at the Ministry in Surrey.
In the meantime, I got permission from the Ministry to start the clean-up, by volunteers, of all of the floating debris that was coming from the old dock and structures on the property and lease we are acquiring. They have done an incredible job and have had help from one of our barge operators and some trucking help and a waiver of tipping fees at the landfill.

This was all done as a labour of love for the environment that was being polluted and the docks and vessels that were risking possible damage. Congratulations to the entire Surge Narrows and surrounding islands community!

Hoskyn Channel – I have asked one of our local marine specialists to take another look at this dock which is so totally necessary for the outlying islands and is becoming so overused. I have asked that we look at additional options for steel pilings further out from the end of the existing dock and possibly extending the dock itself to that point. Staff are also investigating additional options to safeguard the infrastructure against winter storm events. Bylaws are also being developed to ensure that the dock is not mis-used.

June

Beazley

Turns		Maximum		renverse		maximum	
Day	Time	Time	Knots	jour	heure	heure	noeuds
1	**0231**	0543	−7.0	16		0015	+5.8
	0851	1206	+8.8		**0302**	0619	−6.9
SA	**1534**	1834	−6.8	SU	**0923**	1249	+9.6
SA	**2127**			DI	**1612**	1921	−7.4
					2214		
2		0013	+6.2	17		0053	+5.8
	0308	0617	−7.4		**0346**	0658	−6.8
SU	**0927**	1241	+9.4	MO	**1004**	1329	+9.5
DI	**1611**	1914	−7.1	LU	**1654**	2002	−7.4
	2210				**2259**		
3		0056	+6.2	18		0140	+5.9
	0347	0652	−7.7		**0428**	0736	−6.9
MO	**1005**	1317	+10.1	TU	**1043**	1407	+9.4
LU	**1650**	1955	−7.3	MA	**1735**	2041	−7.3
	2252				**2342**		
4		0136	+6.3	19		0221	+6.0
	0428	0729	−7.9		**0509**	0814	−6.8
TU	**1044**	1354	+10.6	WE	**1120**	1444	+9.3
MA	**1731**	2036	−7.3	ME	**1815**	2120	−7.1
	2337						
5		0218	+6.4	20	**0026**	0304	+5.9
	0512	0810	−7.9		**0551**	0854	−6.6
WE	**1125**	1436	+10.9	TH	**1157**	1522	+9.2
ME	**1815**	2121	−7.3	JE	**1856**	2153	−7.0
6	**0026**	0307	+6.2	21	**0110**	0345	+5.8
	0600	0857	−7.5		**0636**	0929	−6.2
TH	**1210**	1522	+10.8	FR	**1234**	1602	+8.7
JE	**1904**	2213	−7.2	VE	**1938**	2243	−6.8
7	**0118**	0401	+6.1	22	**0156**	0438	+5.6
	0654	0951	−6.9		**0724**	1030	−5.6
FR	**1258**	1614	+10.4	SA	**1313**	1642	+8.1
VE	**1956**	2304	−7.1	SA	**2019**	2328	−6.5
8	**0216**	0502	+6.0	23	**0245**	0532	+5.5
	0755	1052	−6.2		**0818**	1117	−5.0
SA	**1351**	1711	+9.6	SU	**1357**	1731	+7.3
SA	**2051**	2355	−6.9	DI	**2102**		
9	**0316**	0605	+6.1	24		0008	−6.3
	0904	1156	−5.7		**0335**	0626	+5.5
SU	**1451**	1814	+8.6	MO	**0921**	1216	−4.5
DI	**2148**			LU	**1447**	1822	+6.6
					2147		
10		0104	−6.8	25		0059	−6.1
	0417	0719	+6.6		**0424**	0720	+5.8
MO	**1020**	1318	−5.4	TU	**1033**	1327	−4.3
LU	**1558**	1921	+7.7	MA	**1547**	1919	+5.9
	2246				**2233**		
11		0206	−6.9	26		0150	−6.0
	0516	0829	+7.2		**0513**	0813	+6.2
TU	**1137**	1432	−5.4	WE	**1145**	1426	−4.4
MA	**1711**	2037	+7.1	ME	**1657**	2020	+5.5
	2342				**2320**		
12		0305	−7.0	27		0241	−6.1
	0612	0926	+7.8		**0559**	0904	+6.9
WE	**1247**	1539	−5.6	TH	**1247**	1524	−4.7
ME	**1826**	2134	+6.5	JE	**1811**	2118	+5.3
13	**0037**	0401	−7.1	28	**0008**	0326	−6.3
	0705	1025	+8.5		**0643**	1001	+7.6
TH	**1347**	1645	−6.0	FR	**1339**	1620	−5.3
JE	**1934**	2234	+6.1	VE	**1917**	2218	+5.3
14	**0128**	0451	−7.2	29	**0057**	0416	−6.6
	0753	1118	+9.1		**0727**	1047	+8.3
FR	**1440**	1744	−6.6	SA	**1426**	1716	−5.8
VE	**2034**	2327	+5.9	SA	**2014**	2301	+5.4
15	**0217**	0537	−7.1	30	**0145**	0500	−7.0
	0839	1206	+9.5		**0811**	1131	+9.0
SA	**1528**	1836	−7.1	SU	**1509**	1812	−6.3
SA	**2126**			DI	**2105**	2347	+5.7

Hole in the Wall

Turns		Maximum		renverse		maximum	
Day	Time	Time	Knots	jour	heure	heure	noeuds
1	**0236**	0550	−7.3	16		0022	+5.8
	0903	1211	+9.1		**0307**	0624	−7.1
SA	**1538**	1840	−6.9	SU	**0934**	1253	+9.3
SA	**2140**			DI	**1615**	1927	−7.4
					2227		
2		0026	+6.2	17		0106	+5.9
	0315	0623	−7.6		**0351**	0702	−7.2
SU	**0939**	1245	+9.8	MO	**1015**	1333	+9.4
DI	**1615**	1920	−7.1	LU	**1657**	2008	−7.4
	2221				**2312**		
3		0104	+6.3	18		0147	+6.0
	0354	0657	−8.0		**0433**	0740	−7.2
MO	**1016**	1321	+10.5	TU	**1054**	1411	+9.5
LU	**1654**	1959	−7.2	MA	**1738**	2047	−7.2
	2304				**2355**		
4		0143	+6.4	19		0230	+6.1
	0435	0734	−8.2		**0515**	0819	−7.2
TU	**1055**	1359	+11.0	WE	**1131**	1449	+9.5
MA	**1735**	2039	−7.3	ME	**1819**	2126	−7.3
	2349						
5		0226	+6.4	20	**0039**	0313	+6.0
	0519	0815	−8.2		**0557**	0900	−6.9
WE	**1136**	1441	+11.2	TH	**1209**	1528	+9.2
ME	**1819**	2123	−7.4	JE	**1859**	2207	−7.2
6	**0038**	0315	+6.3	21	**0124**	0352	+5.9
	0607	0903	−7.9		**0642**	0944	−6.5
TH	**1221**	1528	+11.1	FR	**1247**	1609	+8.7
JE	**1907**	2213	−7.5	VE	**1940**	2250	−7.1
7	**0131**	0410	+6.2	22	**0211**	0445	+5.6
	0700	0957	−7.3		**0730**	1037	−5.9
FR	**1310**	1621	+10.6	SA	**1327**	1652	+8.0
VE	**1959**	2307	−7.4	SA	**2022**	2335	−6.8
8	**0230**	0511	+6.1	23	**0301**	0538	+5.5
	0801	1059	−6.6		**0823**	1127	−5.3
SA	**1404**	1719	+9.8	SU	**1412**	1741	+7.2
SA	**2054**			DI	**2105**		
9		0007	−7.3	24		0015	−6.6
	0331	0616	+6.2		**0351**	0631	+5.5
SU	**0910**	1208	−6.0	MO	**0925**	1227	−4.9
DI	**1505**	1823	+8.7	LU	**1505**	1832	+6.4
	2151				**2149**		
10		0109	−7.1	25		0107	−6.4
	0433	0723	+6.6		**0441**	0724	+5.8
MO	**1025**	1318	−5.8	TU	**1035**	1339	−4.7
LU	**1614**	1930	+7.8	MA	**1606**	1930	+5.8
	2249				**2235**		
11		0212	−7.0	26		0158	−6.4
	0531	0829	+7.2		**0529**	0824	+6.2
TU	**1141**	1433	−5.8	WE	**1145**	1437	−4.9
MA	**1728**	2038	+7.1	ME	**1716**	2031	+5.4
	2346				**2324**		
12		0311	−7.0	27		0247	−6.4
	0627	0926	+7.8		**0614**	0917	+6.9
WE	**1250**	1551	−5.9	TH	**1247**	1534	−5.3
ME	**1842**	2146	+6.6	JE	**1829**	2129	+5.2
13	**0041**	0406	−7.1	28	**0013**	0339	−6.6
	0718	1031	+8.4		**0657**	1006	+7.6
TH	**1351**	1653	−6.3	FR	**1340**	1628	−5.8
JE	**1949**	2245	+6.2	VE	**1934**	2227	+5.2
14	**0133**	0457	−7.1	29	**0101**	0424	−6.9
	0806	1123	+8.9		**0740**	1052	+8.4
FR	**1444**	1752	−6.8	SA	**1427**	1721	−6.2
VE	**2048**	2334	+5.9	SA	**2030**	2308	+5.3
15	**0221**	0542	−7.0	30	**0150**	0507	−7.3
	0852	1210	+9.3		**0824**	1136	+9.2
SA	**1531**	1842	−7.2	SU	**1511**	1809	−6.6
SA	**2140**			DI	**2119**	2355	+5.6

Campbell River

Day	Time	Metres	Feet	jour	heure	mètres	pieds
1	0227	**4.0**	13.1	16	0250	**4.1**	13.5
	1015	**1.3**	4.3		1107	**0.8**	2.6
SA	1633	**3.7**	12.1	SU	1722	**4.0**	13.1
SA	2052	**3.1**	10.2	DI	2227	**3.4**	11.2
2	0252	**4.1**	13.5	17	0327	**4.1**	13.5
	1026	**1.0**	3.3		1139	**0.7**	2.3
SU	1720	**3.9**	12.8	MO	1806	**4.1**	13.5
DI	2130	**3.2**	10.5	LU	2320	**3.4**	11.2
3	0321	**4.1**	13.5	18	0404	**4.0**	13.1
	1053	**0.8**	2.6		1204	**0.7**	2.3
MO	1807	**4.0**	13.1	TU	1847	**4.1**	13.5
LU	2211	**3.3**	10.8	MA			
4	0356	**4.1**	13.5	19	0013	**3.5**	11.5
	1128	**0.6**	2.0		0440	**3.8**	12.5
TU	1853	**4.1**	13.5	WE	1221	**0.8**	2.6
MA	2259	**3.4**	11.2	ME	1929	**4.1**	13.5
5	0435	**4.1**	13.5	20	0115	**3.4**	11.2
	1208	**0.5**	1.6		0515	**3.7**	12.1
WE	1941	**4.2**	13.8	TH	1247	**0.9**	3.0
ME				JE	2011	**4.1**	13.5
6	0007	**3.4**	11.2	21	0304	**3.4**	11.2
	0520	**4.0**	13.1		0552	**3.5**	11.5
TH	1251	**0.6**	2.0	FR	1320	**1.1**	3.6
JE	2030	**4.2**	13.8	VE	2052	**4.1**	13.5
7	0151	**3.4**	11.2	22	0413	**3.2**	10.5
	0612	**3.8**	12.5		0634	**3.3**	10.8
FR	1337	**0.7**	2.3	SA	1356	**1.3**	4.3
VE	2119	**4.2**	13.8	SA	2134	**4.1**	13.5
8	0410	**3.3**	10.8	23	0520	**3.0**	9.8
	0714	**3.5**	11.5		0731	**3.1**	10.2
SA	1427	**0.9**	3.0	SU	1434	**1.6**	5.2
SA	2209	**4.2**	13.8	DI	2214	**4.1**	13.5
9	0535	**3.0**	9.8	24	0612	**2.8**	9.2
	0832	**3.3**	10.8		0855	**2.9**	9.5
SU	1518	**1.3**	4.3	MO	1515	**1.9**	6.2
DI	2256	**4.3**	14.1	LU	2253	**4.1**	13.5
10	0640	**2.6**	8.5	25	0654	**2.5**	8.2
	1010	**3.1**	10.2		1046	**2.8**	9.2
MO	1612	**1.6**	5.2	TU	1601	**2.2**	7.2
LU	2340	**4.3**	14.1	MA	2328	**4.0**	13.1
11	0734	**2.2**	7.2	26	0731	**2.2**	7.2
	1155	**3.1**	10.2		1224	**2.9**	9.5
TU	1706	**2.0**	6.6	WE	1651	**2.5**	8.2
MA				ME			
12	0021	**4.3**	14.1	27	0001	**4.0**	13.1
	0823	**1.8**	5.9		0806	**1.9**	6.2
WE	1323	**3.2**	10.5	TH	1340	**3.1**	10.2
ME	1759	**2.4**	7.9	JE	1746	**2.8**	9.2
13	0059	**4.3**	14.1	28	0030	**4.0**	13.1
	0908	**1.4**	4.6		0839	**1.6**	5.2
TH	1437	**3.4**	11.2	FR	1443	**3.4**	11.2
JE	1851	**2.8**	9.2	VE	1841	**3.0**	9.8
14	0136	**4.2**	13.8	29	0058	**4.0**	13.1
	0951	**1.1**	3.6		0910	**1.3**	4.3
FR	1540	**3.7**	12.1	SA	1535	**3.6**	11.8
VE	1942	**3.1**	10.2	SA	1931	**3.2**	10.5
15	0213	**4.2**	13.8	30	0129	**4.1**	13.5
	1031	**0.9**	3.0		0939	**1.0**	3.3
SA	1635	**3.9**	12.8	SU	1623	**3.8**	12.5
SA	2030	**3.3**	10.8	DI	2016	**3.3**	10.8

OCEAN PACIFIC
MARINE STORE & BOATYARD

THE NORTH ISLAND'S LARGEST
MARINE STORE AND BOATYARD
Discovery Harbour Shopping Centre and Marina, Campbell River, BC
Tel: 250-286-1011 / Toll Free: 1-800-663-2994 / www.oceanpacificmarine.com
110-Ton Travelift
ABYC Certified Marine Technicians
ABYC Electricians
CWB Welders
Qualified Fiberglass
Cummins Marine Technicians
Painting and Detailing
Shipwrights & Fine Wood Workers
2 – 40X80 Sheds, 1-60x80 Shed
Emergency Services Available

The MOB+™ Wireless Man OverBoard System

The MOB+™ Wireless Man OverBoard system is an innovative, ABYC compliant, life-saving safety device for your boat. It provides greater freedom of movement than a traditional kill switch lanyard and stops the engine should you fall overboard.

Up to four xFOB's can be connected to the xHUB at the same time, with one unit acting as the captain's stop unit, and the additional three as alarm units for passengers.

The system consists of an easy to install xHUB™ (mounted on or near the boat console) and a wearable xFOB™. The two communicate wirelessly with each other and stop the engine when the xFOB is submerged in water or is beyond range of the xHUB.

The xFOB™ can be worn on your wrist, around your neck, or clipped to your PFD using either our xBAND™ or xTAG™ accessories.

Surge Currents **is published as a communication tool for the local community but the content of the newsletter does not represent the opinions or position of the Surge Narrows Community Association, unless specifically stated or unless an article is signed by the Board of Directors. Back issues are available. Annual subscription to *Surge Currents* is free to residents/property owners and "Friends of Surge Narrows". For non-residents, the annual rate is $10.00 for email delivery. Subscription with delivery of printed copies via Canada Post is $25.00, or $30.00 to a U.S.A. address SNCA contact: ksb.svb@gmail.com SNCA Directors**: Sheila Hollanders (Chairman), Ginny Vassal (Secretary-Treasurer), Kathy Barnes, Jim Mallis, Mike Rockwell

Paid up SNCA members (98) for the year **October 2018 to September 2019 are:** Kathy & Steve Barnes, Roger Beriault, Doug Beyerstein, Judy Bloomfield, Merlin Blixhavn, David Cox, Madeline Cureton, Sally Davies, Pat & Derek D'Altroy, Brenda Dempsey, Brian Edgar, Daryl Fedge, Eve Flager, Ken Flager, Pamela Harbord, Mary Caroline & John Hart, Ben Hollanders, Sheila Hollanders, Shawnai & Tom Hollanders, Violine Hollanders, Cameron Humphreys, Donna & Bruce Keeling, Lannie & Ralph Keller, Emily Keller, Albert Keller, Linda & Bruce Kempling, Teresa & Peter Kinver, Renate Kviet, Claudia Lake, Marc Lavergne, Zach Locke, Jorgina Little, Nicole Magistro, Charmaine & Jim Mallis, Wendy & Bill Matheson, Rachel & Roger Mattice, Richard and Ann Mayer, Kathy & Dwayne McLean, Joanne McSporran, Moss Family (13), Jenn Olsen, Jeremy Paine, Johanna Paradis, Mike Pierce, Kirsten and Ashley Riley, John Robilliard, Mike Rockwell, Suromitra Santani, Reiko Seviengy, Don and Madeline Shalansky, Eileen Sowerby, Rosie & Bob Steeves, Roberta Stevenson, Jeanne & Mike Stoppard, Mark Stubley, Anne Tonkin, Hazel Trego, David Trendell, David Turpin, Caren Van Der Mark, Ginny Vassal, Shauny & Rand Volk, Ronda & Doug Weber, Douglas White, Maya Wenchelt, Laurie & Rob Wood

SNCA membership is $10.00 annually, due in November, payable to: Surge Narrows Community Association, P.O. Box 52, Surge Narrows V0P 1W0. Our postmistress and staff will accept your SNCA membership fees at the post office. They will be recorded here when the funds are received by the Treasurer. Donations for general expenses, or as you designate for specific projects, are also gratefully received at this address and official tax receipts can be issued *upon request*. Donations can be made online by credit card through Canada Helps.

If you have paid your SNCA dues and do not see your name listed please be patient. The information will be updated soon. Thank You.