



SURGE CURRENTS

S.N.C.A.

Volume 164

September 2020

Surge Narrows Community Association AGM

Date and format change announcement

New date: Saturday October 3, 2020, 10:30 AM

via Zoom

How to:

Ensure you have Zoom downloaded on your device prior to the meeting.

Enter the meeting a few minutes before 10:30 AM by control-click on: <https://us02web.zoom.us/j/81581892556?pwd=SDhHd0JXQ2JhKytIeGV6UGdNVWNDdz09>

By telephone

Local dial in phone number 778-907-2071

Meeting ID: 815 8189 2556

Passcode: K1x2u4

SURGE NARROWS COMMUNITY ASSOCIATION - SNCA AGM – Agenda ZOOM Video-Teleconference October 3, 2020

WELCOME & CALL TO ORDER – 10:30 AM

Logistics comments – Sheila Hollanders

REVIEW MINUTES OF PRIOR YEAR AGM – September 13, 2019

Motion to approve the minutes

REPORTS

Report of the Chair – Sheila Hollanders

Treasurer's Report and Financial Statements – Ginny Vassal

Presentation & discussion of funds

Motion to approve the financial statements

ELECTION OF DIRECTORS – 3 positions, 2-year term - Ginny Vassal (Secretary)

Director nominations, followed by motion to close nominations

Vote or acclamation

NEW BUSINESS

Brief comments, Fred Schuab, Principal, Quadra & Surge Narrows School

*Any other new business (see note below**)*

ADJOURNMENT - Motion to adjourn

*Note ** Any new business requiring a motion: the full wording and context must be circulated to the membership a minimum of 14 days in advance. This is a new BC Societies parameter for non-face-to-face meetings during COVID.*

Minutes Posted for Review & Approval at the 2020 AGM

SURGE NARROWS COMMUNITY ASSOCIATION - SNCA AGM – September 13, 2019

WELCOME & CALL TO ORDER – 10:19 AM

REVIEW MINUTES OF PRIOR YEAR AGM – September 21, 2018

Motion to approve the minutes: Moved – Rosie Second- Jorge, Carried.

REPORTS

1. Report of the Chair – Sheila Hollanders

Discussed achievements, including supporting and coordinating community achievements and projects, communicating and liaising on behalf of SNCA; also looking ahead & recognizing volunteers.

2. Treasurer's Report and Financial Statements – Ginny Vassal

Motion to approve the financial statements M – Rocky, S – Ralph, Carried

Motion to continue to prepare the financial statements internally, M – Roberta, S – Jorge, Carried

Motion to approve reports: Moved - MC, S - Charmaine, Carried

ELECTION OF DIRECTORS – 2 positions, 2-year term

1. Director nominations

Steve Barnes (M - Ralph, S - Sally, accepted)

Rosie Steeves (M - Rocky, S – Bob, accepted)

2. Nominations closed. New directors acclaimed.

NEW BUSINESS

1. Lot 302 purchase presentation & discussion – Ralph Keller

Motion of community support for this project based on the presentation by Ralph Keller. M – Roberta, S – Anne, Carried

Thanks to Pat & Derek D'Altroy for their generosity

SNCA will strike a committee to fundraise - Rocky agreed to look into GoFundMe page, will send link to the Current. Other members of the committee are Roberta, Lannie, Rosie, Ginny. Monthly updates in the Surge Current.

Motion of thanks to Ralph & Lannie (M & S, Carried, sustained applause)

2. Salmon stream bridge update, Mike Rockwell. Fisheries window to complete is September 15th.

3. Ferry passes – Reminder by Ginny

4. Standing ovation of thanks for Sheila

MEETING ADJOURNED at 11:40 AM - Motion to adjourn M – Ginny – S – Mike

-----Complementary lunch -----

Community meeting with Jim Abram, Regional Director, discussions

Surge store / dock:

- This won't happen without extensive consultation with community
- Bought using RD park reserve funds. Land can only be used as park land, ie can develop but must be a park.

Telus cell service / Connected Coast Initiative

- Jim has worked with Telus to try & expand coverage; troubled since day 1.
- Connected coast initiative. Surge will be a landing point. GI cable has been working for years to put in infrastructure – now purchased by Telus (via subsidiary Maxcon located in Salmon Arm). Going forward not clear.

Hoskyn Channel:

- Concern re: dock SE corner aground at low tide increasing from Sept 2018 logging.
- Can't do pilings – it's all rock.
- Expanding upper parking lot question: Potential parking opposite upper parking lot – Jim has discussed with Min of Forests and MoTI; No success.

Official Community Plan (OCP) and Bylaws

- We are the last rural land use bylaw in the province. Jim recommends via the ICSP process – our vision for the area (in general) should be put in general statements into the OCP.
- High & better use can allow “down zoning”. For instance, if there is zoning for a fish farms, and wish to prohibit fish farming on an island, this can be done.
- Herbicide use in forestry operations was discussed. On Quadra, no herbicides are allowed. No grandfathering.
- We could envision a coast to coast wildlife corridor – then should a property come available for sale that would work, it would fit with the plan.
- For a high density area – eg Surge Narrows, OCP can have a special and specific plan
- Timeline – Quadra OCP was re-done recently. Priority is outer islands. Timing – ideally imminent.

Info only: Our existing rural land use bylaw:

<https://srd.ca/building-and-planning/planning/land-use-zoning/> - see Desolation Sound rural land use bylaw #1460 (effective 1993).

Current Events and Notices

Medical Clinic September

The clinics will return to Wednesdays in September / September 2nd and 23rd.

Surge Narrows Elementary School will start full time instruction with COVID protocols in place, on Tuesday September 8. At this point no other adults or unregistered kids will be allowed in the school (this might change during the year depending on COVID numbers), therefore there will be more outdoor instruction when weather allows. Most of the kids are excited to start again after this long break!

Thanks to Scott Davidson for maintaining the communications tower at Hoskyn Dock. He was notified that it was not working and got right on it. It is now fully operational.

SNCA Board Update “Board Shorts” September 2020

It's September? Already?

AGM date and format change – please note

- The **Surge Narrows Community Association AGM** will be held as a ZOOM video-conference on Saturday October 3rd, 10:30 AM.
- The change from face-to-face meeting to Zoom was decided by the SNCA board due to concerns about increasing cases of COVID in nearby locations. It's very important to keep everyone as safe & healthy as possible. The meeting date was pushed back to make sure all AGM materials are received by interested members.
- The agenda and prior year minutes are included in this issue. The financial statements have been prepared but are not printed in this issue as they are for members only, and therefore are best provided only in hard copy. Any member wishing to receive a copy of the SNCA statements prior to the meeting, please contact our Treasurer gvas-sal2@gmail.com to request a hard copy by mail. As required by BC Societies, the financial statements will be presented at the meeting for approval by the membership.

Wilderness 1st Aid – is going ahead

- After careful deliberation, the decision has been made to go ahead with Wilderness 1st Aid training on the Saturday Oct 10th and Sunday Oct 11th of the Thanksgiving weekend. Why? Giving 1st aid requires even more knowledge in COVID times, and as a member said “accidents still happen”.
- All COVID protocols will be carefully maintained. Fee \$170, deadline for enrolment September 15th (early deadline to allow shipping of course materials and preparation of certificates).
- Contact registrar Sheila fashedo@hotmail.com if interested.

Medical clinic-gym entrance completed

See attached photos – Merlin, assisted by Renate, did a super job rebuilding the side deck and access to the gym and medical clinic. This was needed as the school foyer will now be locked all the time.

*Board of Directors
Surge Narrows Community Association
Sheila, Rosie, Steve, Jim, Ginny*



Surge Narrows Forestry Advisory Committee (SNFA) Report

SNFA is a committee of the Surge Narrows Community Association, with a goal to include community values and interests in local forest management plans and activities. Presently we are a Working Group of 12 individuals, who meet every month or so, including an elected board, Coady, Maya, & Lannie. Contact SNFA at: SurgeNarrowsFAC@gmail.com

Community Land Protection SNFA is also involved in facilitating protection of forest land, such as Lot 302. Currently we are working with Lot 309 and Wilderness International remains committed to providing \$150K for this purchase. Community reps will meet again soon with Lee Pond to arrange, and hopefully expedite, the sale and transfer details. (The removal of 309 from Woodlot 1678 means FLNRORD - Powell River *and* CR Forest Districts - are involved.)

Mapping Eve Flager and Herb Hammond are at a near final stage of mapping the Protected Land Network for Read Island. Eve has completed a draft of the nature-based plan and Herb is now checking it over to make sure it contains the full variety of Read Island's natural elements and all the most sensitive areas. Eve expects some recommendations from Herb and when those changes are completed, the PLN plan will be ready for its community review.

Logging Unfortunately, our community was not consulted prior to the development and logging of two new cut blocks near the top of Evening Mountain on Wood Lot 2062. This is one of the two woodlots composed primarily of publicly owned land on Read Island for which David Graham owns the license. The other is WL046. Coady & Steve Barnes have recently met with David, and the result was a renewed commitment to involve our community in the development, planning, and operation of the two public woodlots. We will share more about this process soon.

Why is it important to preserve forests? Science tells us that conservation of intact mature forest is the most valuable *and simplest* carbon sequestration available on the planet.

https://skeenawatershed.com/resources/forests_and_carbon_in_bc

Views from "the Dome", Maurelle Island, submitted by Johanna Paradis



Here is an opportunity to join a grassroots action to save BC forests from extinction. The link below is an effort to inform and connect BC forest communities. It's also an opportunity for a collective shout to government. There are lots of ways to participate!

<https://www.forestmarchbc.com/> The locations to join the march on September 18, 2020 are listed on the website. The one closest to our neighborhood is in the Comox Valley exact location TBA.

Coast Mountain Expeditions

Forest Fire Near Miss:

Nearing the end of a four-day tour of the Discovery Islands by kayak, our group stopped at the North Penn Island campsite, for a short break and a snack. It was 10:30am. Upon arrival we were greeted by an amicable group packing up their boats and preparing to return to Heriot Bay. They were travelling in Hobie style kayaks – two singles and a sailing trimaran. We exchanged typical kayak small talk – conditions, wildlife – and they informed me they had improved the campsite, which is now a designated BC Marine Trails Network (BCMTN) site. Then they departed.

After unloading some snacks and tying the boats up, we headed up to the once pristine, dry, grassy and mossy bluffs to find them marred by a large new firepit; the apparent improvement to the campsite. The fire from the night before was still smoldering.

We acted quickly to dump many loads of water on the fire to put it out, but during that short time a spark escaped and started a small grass fire. We were able to contain this quite easily. Our snack break turned into an extended lunch stop so we could monitor the status of the fire. After more than 20L of water the fire was still smoldering. We had to dig down a considerable amount and cut many roots that were too hot to touch. After almost 50L of water, the fire seemed to be fully extinguished, and we packed up lunch and continued on our trip, thankful for our fortuitous stop.

Anthony

The above report from a Coast Mountain kayak guide illustrates the ongoing problem of careless campers in our islands. That anyone would consider having a campfire during a fire ban and the hot, dry weather we've had boggles my mind. It's equally upsetting that someone would choose to light a fire in a sensitive ecosystem that will take years to recover, and appalling that someone would consider that an "improvement".

These are precious places. Ecosystem damage affects all of us, and forest fires can be devastating. I'd like to suggest a community discussion about how to manage backcountry camping spots and encourage safe travel in our islands. Two years ago the community rejected the BCMTN's heavy handed approach, but it's a mistake to think that our wilderness areas don't need oversight and ongoing care. Wilderness users like myself do what we can, but a more organized, community driven approach to this issue would be good. I'll be away for much of the winter, but I'm happy to participate from a distance. Are there others who share this concern and have time to participate?

Albert Keller
albertkeller@gmail.com

Kate Keller
250.285.2823



Cougar Alert from Lise Batcheller

We have had a cougar stealing chickens. It seems like a young one and it is very brazen, attacking in the day while I was out swimming in the pond. We think it is still hanging around here and are keeping our chickens in their barn until we can sort this out.

OCEAN & FISH FARM NEWS & VIEWS

The federal government **promised** to follow the Cohen Commission recommendations and get factory fish farms out of the Discovery Islands by **Sept 30, 2020**.

But they're dragging their feet and time is running out for our wild salmon.

<https://watershedwatch.ca/fish-farms-out-of-discovery-islands/>

Click on the above link to Watershed Watch site for more info on what you can do to support this initiative.



Hi Islanders,

I just set up small a monthly donation via Paypal, to Alexandra Morton to support her crucial work saving our wild salmon. The sea lice problem is escalating to a catastrophic level, DFO appears to be focused on eliminating wild fish from our coast, and the problem is worse in our own Discovery Islands than anywhere else. Conversely, in the Broughtons, where First Nations have removed all the salmon farms, the young, wild salmon are clean and healthy. A kind neighbour gave me a fresh piece of salmon the other day and I ate it reverently because it could well be the last local salmon I will ever have the chance to enjoy.

Perhaps you have been writing letters and calling politicians. If you can't do anything yourself to stop this extinction, consider donating to Alex and the Pacific Coast Wild Salmon Society, (if your income is too low to require a tax receipt.) Or, if you are more comfortable and need a tax receipt, give to the Raincoast Research Society. This easy page will give you both options: <https://www.alexandramorton.ca/donate/> There are hundreds of us living in these islands so even small donations will add up and help, especially if they are monthly.

I hope there will be fish for you to catch next summer.

Thanks,

Judith

p.s. Hear Alex clearly explain the problem herself here: "Is Minister Jordan going to drive Fraser Sockeye to Extinction" <https://vimeo.com/452851661>

p.p.s. Know anyone else who would help?



The Ocean Legacy Foundation (OLF) is a Canadian based non-profit organization that was founded in 2014 with the goal to end oceanic plastic pollution. The Foundation is led by co-founders Chloé Dubois and James Middleton, and is supported by a board of directors, technical advisory committee, and hundreds of volunteers worldwide. Local Read Islander Ben Hollanders has been working with the Ocean Legacy Foundation since 2016 and is proud to be able to bring his team to a place so special to him. We will be coming to Read island with a small group of 12 volunteers to clean selected coastlines to remove marine debris from the natural environment. We will be taking COVID-19 protocols very seriously and ask that everyone maintains the 2-meter distancing along with hand sanitizer. We would love to engage the community by offering super sacks (meter x meter bags) that the community can pick up on Evans Bay Wharf on Thursday September 24th to clean their local areas. We ask that the super sacks and debris be dropped back off at Evans Bay Wharf by Sunday the 27th. Ocean Legacy will remove all materials the following day to Powell River to be recycled.

Regional Director's Report - August 3 and 31, 2020

(The following are combined excerpts from Jim Abram's reports for the month of August. Jim's full reports can be viewed in the *Discovery Islander*, which we local residents receive in our mail boxes. It also appears online.)

Regional Director's Report - August 3, 2020

The Province giveth and then taketh away!

When resident priority loading was put into effect with Ministerial Order M-083 and then M-084 a couple of months ago, it was one of the best kept secrets on the coast. It came out of the COVID19 crisis and was first aimed at the Sunshine Coast. However as soon as the media got hold of it, people realized that it effected the entire coast, on all routes and going both ways. Confusion was the state of the day! Interpretations abounded in each community. I won't go into all the gory details but by the time the dust had settled and the system was just starting to work (on Quadra at least), the Govt, in its wisdom decided to issue a press release last Thursday rescinding the order. And they did it ever so cleverly; they buried it in a release that supposedly talked about "new" assured loading procedures for medical purposes. Well, there was nothing new in that section. It was all already in place. It was just a convenient place to hide a very controversial move by the Government! It was very unfortunate that they caved to pressure from "somewhere" to remove it when we as a community in collaboration with BC Ferries could have made it work. I have that on good authority directly from senior management. It caused havoc and I am still responding to comments on Facebook four days later (about 100 per day). I sure appreciate the extra work created by the Province!

The next weeks and months may see us coming up with a solution that could be a modified version that will actually work and make everyone happy. I speak of possibilities such as a couple of lines on a couple of sailings (each way) that would be resident priority. After they fill up the traffic goes into general boarding. That would allow at least a portion of residents to avoid long waits. Another solution might be a couple of designated sailings (each way) that would give resident priority. This would allow both residents and tourists the ability to plan accordingly. If those measures were plastered on the BCF website, everyone would know which ferries to avoid. It would make it easy for staff in the lots and for travelers also.

These are just thoughts to show that there are more ways to solve a problem than just slap it on a situation from higher up (the Minister). The community needs to be involved as do the workers and the corporation and even the Government at a later stage. It can be done and BCFS is willing to explore all options with us. We need to enter into a dialogue in good faith and design what will come out the other end. These slap-dash solutions by far removed Government, with no clue about the unintended consequences, just don't work.... ever!

This goes back to my favourite line: *"Local control of local issues and increased community involvement!"*. It is a winner every time if the plan is to help out the public because the public is right there during the design stages! Provincial and Federal governments are too far away from the people to get most things right. Just think about how accessible they are to you. When was the last time you tried to get hold of your actual representative at those levels? Did you connect? I doubt it. If you did, please publish your secret.

OK! So resident priority is cancelled by the Province and we are back to multi-sailing waits on both sides! There you have it. We have a two-ship system coming to us from BCFS in about a year and a half and a fleet that has *NO* vessels at this time to help pick up the overloads. So what can I say? It is going to be a long, hot summer in line-ups if you choose to or must travel to CR.

Some really good news!

At our SRD Board meeting the 22nd there were a number of very important topics on the agenda.

The Union of BC Municipalities annual general meeting is coming up mid-September. I will only be attending the very important meetings with Ministers where we get to ask for things for our area!

Our Minister of Municipal Affairs only allows each RD one meeting with up to three topics. We must be very selective in what we bring to her. Well this year staff and the Chair of the Board had three topics for the Board to consider and vote on as the topics to be discussed. **I read them prior to the meeting and noticed that there wasn't a single Rural Area issue on the list! Very upsetting since this IS our local government. So, I did the research and came up with one that I felt needed to go forward and it was directly related to this Minister's portfolio**

The topic was a Fed./ Prov. Grant program called Rural and Northern Communities. We applied to it last November and were declined in January. The grant is for \$2.2 Million for the Surge Narrows revitalization project which includes an additional wharf and dock, a rebuild of the Surge Narrows Store historic property and dozens of other wonderful projects within the property that we purchased a year or so ago. It will also look at a small seniors' village to accommodate the aging population that does not want to leave: Aging in place!

I have been working with the Federal and Provincial Ministries and Ministers to reapply and to be successful this time. That work has paid off and a few months ago the head of the program was assigned to work with me and with staff to make sure our application was impeccable. We are now ready to be evaluated in the next months. However, this is when the political pressure needs to be applied and this is all a long winded way of saying that I was successful in convincing the SRD Board to substitute our RNC grant program for one of the other topics they had chosen. The Board voted and I am in! So hopefully I can be persuasive and get that \$2.2 M. This will be a real boon to the outer islands and all of Area C.

Bet you didn't know this...

So, all along, I have been thinking along with a large majority of people in this Area, that we are all in the North Island Constituency with Claire Trevena as our MLA. Well, it was just brought to my attention while working on the Independent Power Project issue in Bute and Toba Inlets, that all of that area is in the Powell River - Sunshine Coast Electoral Riding with Nicolas Simons as the MLA. However, this entire area is in Electoral Area C of the SRD. So, we have TWO MLA's whom we can lobby for the things we need in Area C! Here is the map:

Independent Power Projects

The above map is important because it spans the area that is under attack by a Turkish company to exploit 17 of our wilderness rivers for run of the river power projects. These projects have no way of proceeding since there is no call for power purchases from BC Hydro, nor the government. But they want the tenure to these lands, all in Area C. This is almost identical to the proposal of 2009-2011 that was soundly turned down by an uprising of all the people that depend upon these areas for their livelihood, environmental and wildlife values as well as fisheries. At that time we formed as a group called Friends of Bute Inlet and many of you were part of that. We are still together and fighting this at the provincial level. We are not getting as much help from our provincial representatives as we would like even though the NDP stated in the 2009 battle:

In 2009 the NDP made it known where they stood on this type of development in the region:

"The BC NDP's position is very clear. We want a moratorium on independent power projects until there is an overall assessment of their impact. The privatization of our power generation, combined with the loss of control over our rivers, will undermine all of our futures. BC remains a net exporter of power and while we know we need to develop alternative energy sources, selling off BC's rivers for years to come is not the way. Nor is the likely devastation caused in pristine areas to build the transmission lines. No one should be lulled into thinking that these mega, private power projects are green or in the best interests of the people of BC."

This is taken from a letter I wrote to the Premier and the Minister of Forests and Lands last year asking that the project be turned down. The entire letter is pasted below as a Word doc.

This has taken up a great deal of my time and I want it erased from my "to do list". If these tenures are given out, our wilderness will be given away for good and the use could change at some time in the future to something even more devastating to our area and our constituents and First Nations.

I have a meeting with Minister Doug Donaldson, FLNRORD, the person who must sign the tenure document, on Sept 17th.

Surge Narrows

I was also pleased to be able to put through a Permissive Tax Exemption 2021 - Surge Narrows Community Association, for the most recent acquisition of property in the community of Surge Narrows. They have purchased, for conservation purposes, a piece of land that was slated to be logged eventually and they have added it to the inventory of protected lands and parks (some are SRD). They did this through generous donations by community members and other small fundraising events. It is helping to complete a continuous preservation area along the road right from our public wharf and our newly purchased property along the main road to Evans Bay (which is another SRD facility). I am extremely proud of this group of volunteers and all the time and effort they put into making their small (though growing) community viable. This tax exemption is a token gesture but it is a show of appreciation for all of the work they put into getting that piece of land by using donated funds without government help.

It sure would be nice sometime if someone would tell me that they actually read my reports! I have no idea!

The pandemic situation has inflicted numerous additional requirements on all of us, including upon me as your Director. I will continue to do my best to work within the guidelines and keep you as informed as I can. These are very challenging times for all of us. Please be kind and stay safe. We all depend upon each other doing the right thing.

I think I am going to call it quits. For the time being, while I am recovering from my injury, please email me rather than the other choices. After that, feel free to contact me between the hours of **9:00am and 4:00 pm**, Monday through Friday (**please, not on weekends or holidays, folks!**) at 285-3355, or you can fax me at 285-3533 or you can email me anytime at jimabram@explornet.ca or by mail at Box 278 in the Cove, V0P 1N0... You can read occasional updates on issues that I will post on Facebook at <https://www.facebook.com/JimAbram>, **but please do not use this medium as a way to communicate regarding SRD business.** If it is important, my cell is 250-830-8005... Lots of choices.

Please do not use my residential phone number for SRD calls. **All business calls should be on 285-3355. Many thanks!**

Emails and phone messages received over the weekend or on holidays will (hopefully!) be returned promptly on the next regular work day.

Respectfully submitted,

Jim Abram, Director, Discovery Islands-Mainland inlets, Area C, SRD



September 2020

Beazley

Turns	Maximum	reverse	maximum
Day Time	Time Knots	jour heure	heure noeuds
1	0041 +5.9	16	0006 +7.4
TU 0336 0637 -6.3		WE 0907 0607 -7.8	
MA 1620 1304 +9.5		ME 1548 1223 +10.2	
2225 1938 -7.6		ME 2157 1854 -7.4	
2	0118 +6.4	17	0049 +8.5
0417 0714 -6.7		0357 0654 -8.4	
WE 1012 1338 +9.3		TH 0954 1304 +10.6	
ME 1654 2008 -7.4		JE 1626 1930 -8.0	
2259		2236	
3	0153 +6.9	18	0131 +9.4
0455 0750 -6.9		0443 0740 -8.6	
TH 1048 1409 +8.9		FR 1040 1344 +10.6	
JE 1725 2035 -7.0		VE 1703 2006 -8.4	
2333		2316	
4	0227 +7.2	19	0214 +10.0
0532 0826 -6.9		0528 0827 -8.5	
FR 1123 1439 +8.5		SA 1126 1426 +10.1	
VE 1755 2101 -6.6		SA 1742 2043 -8.6	
		2357	
5	0301 +7.4	20	0258 +10.2
0608 0859 -6.7		0616 0917 -8.1	
SA 1158 1511 +7.9		SU 1214 1511 +9.1	
SA 1824 2128 -6.5		DI 1822 2123 -8.2	
6	0336 +7.4	21	0345 +10.0
0646 0945 -6.4		0708 1010 -7.7	
SU 1236 1543 +7.1		MO 1306 1600 +7.7	
DI 1853 2157 -6.3		LU 1904 2208 -7.4	
7	0413 +7.3	22	0436 +9.5
0728 1030 -5.9		0807 1110 -7.1	
MO 1316 1623 +6.0		TU 1405 1656 +6.2	
LU 1925 2229 -5.9		MA 1952 2300 -6.4	
8	0453 +7.0	23	0536 +8.7
0816 1120 -5.3		0916 1222 -6.3	
TU 1403 1707 +4.8		WE 1517 1805 +4.9	
MA 2001 2307 -5.3		ME 2050	
9	0539 +6.7	24	0605 -5.3
0913 1218 -4.8		0313 0645 +7.8	
WE 1501 1804 +3.8		TH 1032 1333 -5.6	
ME 2045 2355 -4.7		JE 1642 1922 +4.1	
		2204	
10	0634 +6.5	25	0122 -4.7
1024 1330 -4.4		0420 0805 +7.4	
TH 1618 1917 +3.2		FR 1146 1457 -5.6	
JE 2139		VE 1804 2041 +4.0	
		2333	
11	0058 -4.3	26	0244 -4.6
0406 0743 +6.5		0533 0924 +7.7	
FR 1141 1432 -4.5		SA 1252 1611 -6.3	
VE 1751 2032 +3.4		SA 1910 2158 +4.6	
2247			
12	0213 -4.5	27	0357 -5.0
0508 0859 +6.9		0645 1030 +8.2	
SA 1248 1548 -4.8		SU 1348 1711 -7.0	
SA 1903 2137 +4.1		DI 2001 2259 +5.4	
13	0324 -5.2	28	0456 -5.5
0614 0957 +7.8		0156 0746 1124 +8.6	
SU 1343 1646 -5.5		MO 1434 1758 -7.6	
DI 1955 2225 +5.1		LU 2044 2347 +6.3	
14	0425 -6.1	29	0546 -6.0
0718 1052 +8.7		0837 1207 +8.8	
MO 1429 1735 -6.1		TU 1514 1837 -7.8	
LU 2038 2320 +6.3		MA 2122	
15	0518 -7.1	30	0026 +7.0
0815 1140 +9.5		0327 0627 -6.4	
TU 1510 1817 -6.8		WE 0919 1243 +8.7	
MA 2118		ME 1549 1908 -7.7	
		2156	

Hole in the Wall

Turns	Maximum	reverse	maximum
Day Time	Time Knots	jour heure	heure noeuds
1	0047 +5.9	16	0012 +7.6
0341 0641 -6.7		0316 0613 -8.1	
TU 0945 1309 +9.2		WE 0918 1228 +10.4	
MA 1624 1945 -7.6		ME 1552 1858 -7.7	
2239		2210	
2	0124 +6.6	17	0054 +8.8
0422 0719 -7.0		0404 0659 -8.6	
WE 1023 1342 +9.1		TH 1005 1308 +10.9	
ME 1658 2013 -7.2		JE 1630 1932 -8.4	
2313		2248	
3	0159 +7.1	18	0136 +9.8
0501 0755 -7.2		0449 0744 -8.9	
TH 1059 1414 +8.9		FR 1051 1349 +10.9	
JE 1729 2039 -6.8		VE 1708 2007 -8.9	
2346		2327	
4	0233 +7.4	19	0218 +10.4
0538 0831 -7.2		0535 0831 -8.8	
FR 1134 1445 +8.6		SA 1137 1431 +10.4	
VE 1759 2105 -6.9		SA 1747 2044 -9.1	
5	0308 +7.6	20	0302 +10.6
0018 0910 -6.9		0008 0920 -8.3	
SA 1210 1517 +8.0		0622 0920 -8.3	
SA 1828 2132 -6.8		SU 1225 1517 +9.3	
		DI 1827 2124 -8.7	
6	0343 +7.6	21	0350 +10.4
0050 0958 -6.5		0050 1009 -7.7	
SU 1248 1552 +7.0		0713 1009 -7.7	
DI 1858 2202 -6.6		MO 1318 1607 +7.7	
		LU 1909 2210 -7.9	
7	0420 +7.4	22	0442 +9.8
0123 1036 -6.1		0136 1115 -7.2	
MO 1330 1631 +5.8		0811 1115 -7.2	
LU 1930 2235 -6.2		TU 1419 1705 +6.1	
		MA 1956 2304 -6.8	
8	0500 +7.1	23	0541 +8.9
0159 1127 -5.6		0228 1227 -6.6	
TU 1420 1717 +4.5		0917 1227 -6.6	
MA 2006 2315 -5.7		WE 1535 1816 +4.8	
		ME 2053	
9	0547 +6.8	24	0009 -5.7
0240 1226 -5.2		0327 0651 +7.8	
WE 1522 1817 +3.5		TH 1032 1336 -6.0	
ME 2049		JE 1703 1932 +4.0	
		2205	
10	0005 -5.1	25	0128 -5.0
0240 0642 +6.5		0128 -5.0	
TH 1022 1335 -4.9		0434 0811 +7.3	
JE 1645 1933 +2.9		FR 1147 1507 -5.9	
2143		VE 1825 2047 +3.9	
		2333	
11	0108 -4.6	26	0250 -5.0
0424 0748 +6.4		0547 0930 +7.6	
FR 1136 1445 -5.0		SA 1254 1621 -6.5	
VE 1820 2053 +3.1		SA 1928 2158 +4.4	
2250			
12	0222 -4.9	27	0409 -5.3
0525 0855 +6.9		0055 1036 +8.0	
SA 1245 1557 -5.4		0658 1036 +8.0	
SA 1926 2147 +3.9		SU 1351 1720 -7.3	
		DI 2018 2308 +5.3	
13	0333 -5.6	28	0502 -5.7
0006 0957 +7.7		0159 1129 +8.4	
SU 1342 1654 -5.9		0759 1129 +8.4	
DI 2013 2232 +5.0		MO 1438 1807 -7.8	
		LU 2059 2353 +6.1	
14	0431 -6.5	29	0551 -6.1
0121 1057 +8.7		0249 1212 +8.5	
MO 1430 1741 -6.4		0849 1212 +8.5	
LU 2054 2328 +6.3		TU 1518 1845 -7.9	
		MA 2136	
15	0525 -7.4	30	0033 +6.8
0223 1145 +9.6		0332 0635 -6.4	
TU 1513 1821 -7.0		0931 1248 +8.5	
MA 2132		ME 1553 1915 -7.7	
		2209	

Campbell River

Day	Time	Metres	Feet	jour	heure	mètres	pieds
1	0320	3.8	12.5	16	0255	3.9	12.8
	1058	1.1	3.6		0946	1.1	3.6
	TU 1706	4.0	13.1		WE 1632	4.1	13.5
	MA 2306	3.0	9.8		ME 2140	2.6	8.5
2	0405	3.8	12.5	17	0348	4.0	13.1
	1128	1.3	4.3		1018	1.3	4.3
	WE 1736	4.0	13.1		TH 1702	4.2	13.8
	ME 2345	2.8	9.2		JE 2231	2.3	7.5
3	0448	3.7	12.1	18	0442	4.0	13.1
	1134	1.5	4.9		1051	1.5	4.9
	TH 1806	4.0	13.1		FR 1732	4.3	14.1
	JE				VE 2332	2.0	6.6
4	0022	2.7	8.9	19	0539	3.9	12.8
	0532	3.6	11.8		1126	1.9	6.2
	FR 1145	1.8	5.9		SA 1803	4.3	14.1
	VE 1835	4.0	13.1		SA		
5	0023	2.4	7.9	20	0041	1.6	5.2
	0620	3.6	11.8		0645	3.8	12.5
	SA 1211	2.0	6.6		SU 1206	2.3	7.5
	SA 1901	3.9	12.8		DI 1836	4.3	14.1
6	0114	2.2	7.2	21	0145	1.4	4.6
	0714	3.5	11.5		0801	3.8	12.5
	SU 1241	2.4	7.9		MO 1257	2.7	8.9
	DI 1923	3.9	12.8		LU 1912	4.2	13.8
7	0159	2.1	6.9	22	0240	1.2	3.9
	0819	3.4	11.2		0923	3.7	12.1
	MO 1312	2.7	8.9		TU 1419	3.1	10.2
	LU 1937	3.8	12.5		MA 1951	4.0	13.1
8	0245	1.9	6.2	23	0341	1.2	3.9
	0937	3.4	11.2		1047	3.8	12.5
	TU 1346	3.0	9.8		WE 1620	3.4	11.2
	MA 1951	3.8	12.5		ME 2037	3.8	12.5
9	0333	1.8	5.9	24	0452	1.2	3.9
	1101	3.5	11.5		1212	3.9	12.8
	WE 1523	3.3	10.8		TH 1825	3.4	11.2
	ME 2015	3.7	12.1		JE 2138	3.6	11.8
10	0429	1.7	5.6	25	0604	1.3	4.3
	1222	3.6	11.8		1321	4.0	13.1
	TH 1704	3.4	11.2		FR 2005	3.3	10.8
	JE 2047	3.7	12.1		VE 2304	3.4	11.2
11	0533	1.6	5.2	26	0709	1.3	4.3
	1327	3.7	12.1		1410	4.0	13.1
	FR 1820	3.5	11.5		SA 2114	3.1	10.2
	VE 2132	3.6	11.8		SA		
12	0639	1.4	4.6	27	0032	3.4	11.2
	1414	3.8	12.5		0807	1.4	4.6
	SA 1912	3.4	11.2		SU 1447	4.0	13.1
	SA 2246	3.6	11.8		DI 2204	2.9	9.5
13	0737	1.3	4.3	28	0142	3.5	11.5
	1453	3.9	12.8		0900	1.5	4.9
	SU 1946	3.3	10.8		MO 1518	4.0	13.1
	DI				LU 2245	2.8	9.2
14	0043	3.6	11.8	29	0238	3.6	11.8
	0827	1.2	3.9		0947	1.6	5.2
	MO 1528	4.0	13.1		TU 1547	4.0	13.1
	LU 2018	3.2	10.5		MA 2320	2.6	8.5
15	0158	3.7	12.1	30	0325	3.6	11.8
	0910	1.1	3.6		1026	1.8	5.9
	TU 1600	4.0	13.1		WE 1615	4.0	13.1
	MA 2055	2.9	9.5		ME 2350	2.4	7.9

September 2020

Point Atkinson

Day	Time	Metres	Feet	jour	heure	mètres	pieds
1	0400	4.0	13.1	16	0333	4.1	13.5
	1054	1.0	3.3		1023	1.0	3.3
TU	1759	4.4	14.4	WE	1715	4.5	14.8
MA	2340	2.9	9.5	ME	2305	2.6	8.5
2	0447	4.0	13.1	17	0431	4.2	13.8
	1131	1.2	3.9		1107	1.1	3.6
WE	1824	4.4	14.4	TH	1743	4.6	15.1
ME				JE	2347	2.2	7.2
3	0015	2.7	8.9	18	0529	4.3	14.1
	0531	4.0	13.1		1149	1.3	4.3
TH	1204	1.4	4.6	FR	1812	4.7	15.4
JE	1847	4.4	14.4	VE			
4	0050	2.5	8.2	19	0031	1.8	5.9
	0616	3.9	12.8		0628	4.3	14.1
FR	1236	1.6	5.2	SA	1232	1.7	5.6
VE	1910	4.3	14.1	SA	1843	4.7	15.4
5	0124	2.3	7.5	20	0117	1.4	4.6
	0702	3.8	12.5		0731	4.2	13.8
SA	1308	2.0	6.6	SU	1317	2.2	7.2
SA	1931	4.3	14.1	DI	1916	4.6	15.1
6	0159	2.1	6.9	21	0205	1.2	3.9
	0753	3.8	12.5		0841	4.2	13.8
SU	1341	2.3	7.5	MO	1408	2.7	8.9
DI	1953	4.2	13.8	LU	1950	4.5	14.8
7	0236	2.0	6.6	22	0255	1.0	3.3
	0851	3.7	12.1		0959	4.2	13.8
MO	1416	2.7	8.9	TU	1509	3.1	10.2
LU	2015	4.1	13.5	MA	2029	4.3	14.1
8	0315	1.8	5.9	23	0350	1.0	3.3
	1001	3.7	12.1		1123	4.2	13.8
TU	1457	3.0	9.8	WE	1630	3.3	10.8
MA	2039	4.0	13.1	ME	2114	4.0	13.1
9	0358	1.7	5.6	24	0449	1.1	3.6
	1125	3.7	12.1		1244	4.3	14.1
WE	1552	3.3	10.8	TH	1813	3.4	11.2
ME	2107	3.9	12.8	JE	2214	3.8	12.5
10	0448	1.7	5.6	25	0555	1.2	3.9
	1251	3.8	12.5		1354	4.4	14.4
TH	1717	3.5	11.5	FR	1950	3.3	10.8
JE	2144	3.8	12.5	VE	2337	3.6	11.8
11	0546	1.6	5.2	26	0705	1.3	4.3
	1402	4.0	13.1		1450	4.4	14.4
FR	1909	3.5	11.5	SA	2053	3.1	10.2
VE	2239	3.7	12.1	SA			
12	0648	1.4	4.6	27	0108	3.6	11.8
	1457	4.2	13.8		0809	1.4	4.6
SA	2025	3.5	11.5	SU	1534	4.4	14.4
SA	2355	3.7	12.1	DI	2136	2.9	9.5
13	0750	1.3	4.3	28	0223	3.6	11.8
	1539	4.3	14.1		0904	1.4	4.6
SU	2110	3.3	10.8	MO	1609	4.4	14.4
DI				LU	2211	2.7	8.9
14	0116	3.8	12.5	29	0322	3.8	12.5
	0847	1.1	3.6		0951	1.5	4.9
MO	1615	4.4	14.4	TU	1638	4.4	14.4
LU	2148	3.2	10.5	MA	2242	2.5	8.2
15	0229	3.9	12.8	30	0411	3.9	12.8
	0938	1.0	3.3		1031	1.7	5.6
TU	1646	4.4	14.4	WE	1703	4.3	14.1
MA	2225	2.9	9.5	ME	2313	2.3	7.5

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