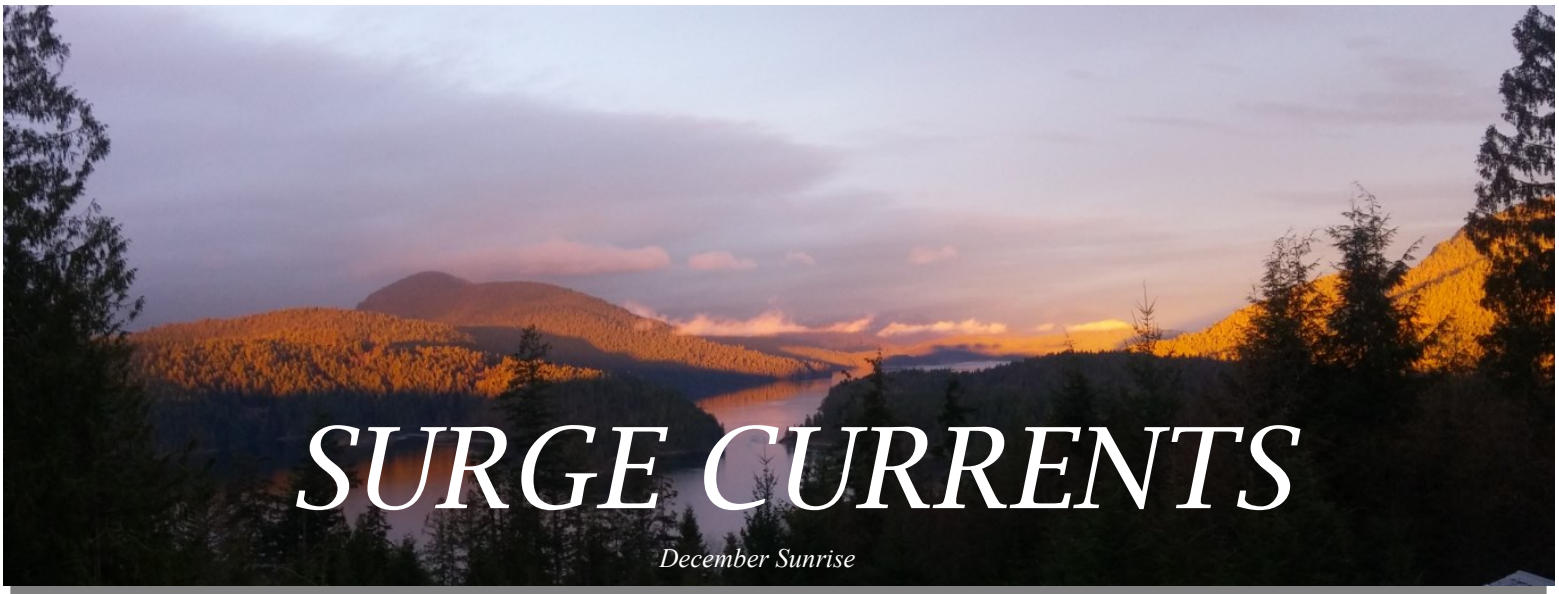


SURGE CURRENTS

December Sunrise

S.N.C.A. Volume 156 January 2020

The Christmas Concert

The 2019 Christmas play "Finding Rudolph" was a marvel of creativity, production effects and lively performances. It was quite hilarious as well. "But Santa, how *COULD* you *LOSE* Rudolph?" Santa didn't actually have an answer for that telling question, but he was stranded with the Surge Narrows school children until the very special reindeer in question could be found. They searched high and low, ringing in local residents, checking barns, sheds, boats and other possible venues, traveling around Read in a nifty replica of Sheila's SUV, ably driven by Juniper Royko. When they were unable to locate him on land, they took to water in a look-alike of John Polk's sailboat navigated by water-wonder Natalie Harvey. They journeyed up the Okisollo and stopped in at Josh and Johanna's place. Josh asked them "what are you doing outside your institution?" It was a question rendered even funnier in the moment by the fact that the School District #72 Superintendent and Quadra school board director were in attendance. But Josh had not seen Rudolph either, so the overloaded boat moved on.

When at last the mischievous reindeer was discovered (forgive me, I can't remember where) he appeared on stage with a companion who turned out to be Comet, and nobody had even noticed he was missing!

"Music Class"
by Juniper
Royko Age 6

The White Elephant Closes out the Year

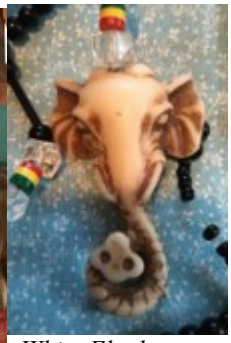
The White Elephant roared onto the island on a big southeaster carrying high winds and bucket loads of rain. Travelers from Sonora and Maurelle were not deterred by engine troubles on the Harvey's big boat and opted to push on in an open vessel arriving soaked to the skin. Typical! No one was about to let a little weather stop the show.

The event was well attended with the addition of a lot of children who were visiting their grandparents on Read for the holidays. They came with their parents in tow. The Surge School kids couldn't have been happier for the reinforcements. New fast friends were made, along with promises to return for the event in 2020.

The gift exchange was lively, due to the volume and quality of the gifts and because there were so many children on hand to enjoy the game. There was much hilarious "exchanging".

Lise and family prepared a delicious turkey, and everyone filled out the menu with savory side dishes and sweet desserts.

Happy New Year



White Elephant Necklace

Current Events and Notices

Medical Clinic January

Dr. Steve and NP Pat will be attending the clinic in January. Email notification to follow.

We now have a full VHF set-up and a cell phone booster at the Hoskyn dock

In conjunction with David Cox, Scott Davidson has set us up a really professional looking and totally functioning VHF at the Hoskyn dock. Scott provided most of the materials and installation expertise. David provided the encouragement. How-to-use instructions are prominently displayed on the equipment.

He also realigned the Yaggi antenna at the Surge dock. You can now get 4 bars LTE.

Many thanks to Scott and David. This equipment is so necessary in an emergency and so useful when you need it.

Coffee Socials in January

In coordination with the Medical Clinic days (TBA) Lise is planning to do coffee socials in the Bunkhouse or in the Quonset Hut. Noon to 1:30, approximately.

Notice

The manufacturers of the Fish and Forest Reserve T-Shirts loved our design so much they caught it on video. If you have never seen this done it is really interesting. https://youtu.be/EOqQNwgjQfc

Forestry in the News

Global News Network produced this hard-hitting article/report about forests and carbon, clearcutting old-growth and an AFA video that reignites concerns about BCTS on Maurelle. (Information sent to us by a friend.)
https://globalnews.ca/news/6299545/bc-clearcutting-forests-climate-change/?fbclid=IwAR34LN8qH-aBRlfjOLMi1z1cWqhmZ2GPUkoPJlgKtXoIix5obHAOUwZ2jhc

Picture from the article. The picture is not a link.

Lot 302 Update

We did it! Well almost. With $97,238 raised we are just slightly short of our goal. That is remarkable and a real testament to what can be done by just a few people who really care. A big thanks to everyone who helped achieve our target.

So what now? We'd like to keep going. In reality, we need to collect about $15,000 over the $100,000 for a number of reasons. Firstly, GoFundMe, while a great platform, does retain a 2.9% transaction fee. Given this, we actually need to raise more than our $100,000 goal in order to complete the purchase of Lot 302. Secondly, once we acquire the land, we will incur legal costs associated with the property transfer and the placing of covenants on the property. And thirdly, while we believe we will have ample volunteers to help build a trail through the property, we will need funds to purchase materials and signage.

We have been inspired by the outpouring of support for the purchase of Lot 302 and are committed to being proactive in the protection of additional land. Any surplus funds raised through this campaign will be set aside to purchase and protect more old growth forest on this island or any other outer island.

To that end, we will be launching our on-line silent auction mid-January, with the goal of having it run through to mid-February. We currently have the following donated items which we will be placing in the auction:

- One Corilair ticket for the Mail Plane flight
- One travel lift from Ocean Pacific
- $250 gift certificate from Ocean Pacific
- 1 bar stool from Brian and Judy Bloomfield
- Drone session including photos and video from Rocky
- 8 pallet lifts (to be auctioned separately) from Inlet Navigation plus a week's storage from Campbell River Marine Terminal
- Transport for a vehicle on and off Read (or Maurelle or Sonora) from Inlet Navigation plus a week's storage from Campbell River Marine Terminal
- 2 whale watching trips from Discovery Marine Safaris

It would be great to get a few more items in there (big or small). We have heard on a number of people who are considering donating goods or services. Could you please let Rosie know by January 10th if you will be contributing or have other ideas for the auction (rosie@executiveworks.org). Once the auction is up and running and open for bids, we'll email the link out to everyone.

On behalf of the Fundraising Committee thanks to everyone who has made this venture such a success.

Ralph, Rocky, Rosie, Ginny, Roberta

Amazing Progress in Community Planning

First, a big thank you to everyone who has participated this year, in person or otherwise, and to the many people that helped make our meetings happen, from setting up and cleaning up the Bunkhouse, to making lunches, to the table hosts and recorders, to Susanne and the kids for their input, to Jim Abram and SNCA, and to the SRD consultants who attended our last meeting of the year on December 6th.

What started out early in the year as "visioning" for the Surge Property and Foreshore development project has evolved over the months into discussions of our Official Community Plan (OCP) and its bylaws, and into work on our Community Mapping Projects which will help inform our bylaw decisions. In our final meeting of the year two consultants were brought in by the SRD to help us identify our priorities as SRD creates an overarching Integrated Community Sustainability Plan (ICSP) for Electoral Area C. We have made great progress. Wow, that's a lot!

Looking toward 2020 we are thinking we can pace things a little better. At the December meeting, the Regional District indicated that they are at least a year away from starting on our OCP (i.e. 2021). SNCA has responded with a letter requesting that the SRD include our OCP development and zoning bylaw updates in their 2020 budget. In the meantime we can use the time to plan, review our existing bylaws to identify what is no longer working for island residents, consider how to address our current needs and decide how to design the bylaws to reflect our vision for the future.

Next steps:

- We are expecting to receive the data collected by the SRD for the ICSP and will share it for community feedback to ensure its accurate and complete. Maybe a quick table-talk session?
- The Community Mapping Group is working on the additional layers to assist planning.
- Judith is having fun rewriting our bylaws for us to review and modify.
- At the planning sessions, there was a lot of interest in engaging with local First Nations and inviting them to come to Surge Narrows. Chief Darren Blaney of the Homalco First Nation would love to join us for a day. We are looking at springtime when there are more daylight hours.

We have made great progress and look forward to continuing in 2020!

Happy New Years!
Jorge, Lise & Sheila
Community Planning Group

Upcoming Training at Surge Narrows:

Wilderness First Aid
In partnership with: Wilderness Medical Associates
Instructor: Greg Barmby
Number of days: 2 days (16 hours)
Dates now confirmed: Wednesday – Thursday March 25-26, 2020.

We are excited to be able to bring a practical hands-on perspective to Outer Islands 1st aid. Greg comes highly recommended; he was the instructor for the recent SD72 Wilderness 1st aid. Glowing reviews from Timberline Outdoor Ed program staff and our teacher Susanne included "so practical, pragmatic, useful" and "the best 1st aid instructor I've ever had".

Course content: Hands on practical work, customized to our lifestyle and location: Patient Assessment System; CPR; Circulatory System; Nervous System; Respiratory System; Fractures, Stable Injuries; Splints 1-Extremities; Hypothermia; Hyperthermia and Heat Illness; Near Drowning; Lightning Injuries; Wounds and Burns; Anaphylaxis; Lifting, Moving Extrication; Patient Carries; Backcountry Medicine.
Resulting certifications: in both Wilderness First Aid and Adult CPR

Logistics:
Fee per person: $170, includes all course materials.
Minimum number of participants to run this course: 12.
Minimum age of participants: 16 years old.
Should we have more than 12 participants, we will share the fee benefit among participants. Instructor transportation cost will be covered by SNCA.
ADVANCE REGISTRATION REQUIRED! **Deadline for registration is February 20th**, sorry no exceptions.
Further course details see: https://www.wildmed.com/course-type/wilderness-first-aid/

Contact Sheila to register fashedo@hotmail.com, with your name you want your certificate to show, email address, phone number, and $70 deposit. Thank you Sheila, who has kindly agreed to be registrar for this course.

Ham radio training and certification:
A free qualification course offered by experienced ham radio operators in SRD (Strathcona Regional District) Volunteer Emergency Communications.
Timing: May – June 2020, dates will be confirmed in the new year

Thank you to Lise, who will help you understand the importance of being part of this training.

Ginny – Emergency Preparedness

BOARD SHORTS:

A very short update from the SNCA Board
January 1, 2020

HAPPY NEW YEAR from all of us to all of you!

Surge Store: no news yet on the Federal Infrastructure grant application. We're following up regularly with SRD.

Integrated Community Sustainability Planning (ICSP) : Thank you to all who were able to join Aniko Nelson, Senior Manager, Community Services, and the consultants from Dillon Consulting on December 6th to discuss what is important to our community. We understand we should hear further in the new year.

The SNCA board,
Sheila Hollanders, Chair
Rosie Steeves
Jim Mallis
Steve Barnes
Ginny Vassal, Secretary-Treasurer

Regional Director's Report - December 16, 2019

HELLO OUTER ISLANDS!

So, this will be my last report for the very jam packed year of 2019! It seemed to just fly by and has been filled with issues and "adventures". I expect nothing less from 2020. Many of the ongoing projects are coming to fruition and will take massive amounts of time and energy to implement. I am up for it and hope you will join me in the "excitement"! Another year that will bring more community involvement and progress.

Independent Power Projects - Bute / Toba Inlets (IPP's)

I am starting my report here due to some very recent, exciting news that I received from the Minister of Energy and Mines. I am going to attempt to post it so you can see it. I had a number of conversations this past week with Minister's offices and the Premier's office. All were to do with the huge threat that we have known about for some time to our inlets and surrounding areas by a Turkish company that wants to establish numerous IPP's in Bute and Toba Inlets. The detrimental impact of this is huge to our environment, our fishery and our tourist economy along with the incredible history of the area and the First Nations occupation of same. The news is sounding good and I have been assured that there is absolutely no plan to purchase power through BC Hydro from IPP sources. However, being forever vigilant, I do not want to see the area tenured through the Province only to rear its ugly head some time down the road. So I want to see the Province (the Premier) out and out deny the application: Period! Here is the letter from **Minister Michelle Mungall (Energy and Mines):**

BRITISH COLUMBIA

December 12, 2019

Ref.: 107890

Jim Abram
Director
Regional District of Strathcona

Email: jimabram@xplornet.ca

cc: FLNR.Minister@gov.bc.ca
Les.MacLaren@gov.bc.ca

Dear Mr. Abram:

I am writing to thank you for meeting with me at the Union of British Columbia Municipalities Convention, which was held from September 23 to 27, 2019 in Vancouver.

During the meeting, we discussed the concerns of your constituents regarding a proposed Independent Power Producer (IPP) project on Crown Land in Electoral Area C. BC Hydro currently has a surplus of clean or renewable electricity. BC Hydro's energy procurement initiatives were examined as part of the first phase of the Comprehensive Review of BC Hydro. As a result of this review, BC Hydro indefinitely suspended its Standing Offer Program to reduce pressure on electricity rates. BC Hydro is not purchasing electricity from new projects, and is not expected to need additional electricity supply for at least the next decade. Without a purchaser, IPP development is not viable.

Land Act authorizations are required for the use and occupancy of Crown land, with the Province responsible for assessing the impact of clean energy projects on Crown lands. I will bring your concerns to the attention of my colleague, Honourable Doug Donaldson, Minister of Forests, Lands, Natural Resource Operations and Rural Development, as his Ministry is responsible for the *Land Act*.

.../2

Ministry of Energy, Mines and Petroleum Resources

Office of the Minister

Mailing Address:
PO Box 9052, Stn Prov Govt
Victoria, BC V8W 9E2

Telephone: 250 953-0900
Facsimile: 250 356-2965

The second page was just her signature, etc. It is a very encouraging letter and she has cc'd the appropriate parties so as to not let it get lost in the shuffle!

I would also like to mention here that if you want to understand more fully why the Bute inlet area should not be opened to development, please read the *Raincoast Chronicles Volume #24, "Cougar Companions"* , by Judith Williams. It is fascinating! It features many of our past and present Quadra Islanders and their ancestors and tells an almost unbelievable story of our local heritage. I am only about half way through it but find it hard to put down.

I encourage everyone to stay on guard and reiterate letters you may have already sent to Ministers and the Premier and our MLA. We cannot consider this a done deal until it is classified as ***"denied"***

Board Appointments to external agencies

I have once again been appointed to represent the SRD on numerous committees involving the Federal, Provincial and First Nation governments. It is an honour to sit on these committees since they all have an effect on our area, our province and our nation. They are, to name a few, the Marine Area Planning Partnership, the Marine Protected Area advisory committee, the Integrated Oceans Advisory Committee, the Oceans Protection Plan, the Coastal Community Network and the Fisheries and Oceans Advisory committee (a part of UBCM) and the Wei Wai Kai Treaty Advisory Committee. Each meets about twice to three times per year with lots of conference calls and emails in between and a whole lot of reading material to keep me occupied. I report back to the Board after each meeting and provide the materials that we deal with. Extremely fascinating and important since we live in a "marine world!"

Hospital pathology (lab) situation

You may have read in the local papers of the fight we are once again engaged in with Island Health Authority (formerly VIHA). They want most of our lab services to be shipped off to a private contractor in Victoria. This is unacceptable. The community is fighting it and so am I. Our Board has taken a stance that it is unacceptable and at the Comox Valley Regional Hospital District Board meeting I had to make it, once again, clear that we are *advocates* for our constituents and will continue to fight for their right for quality health care. We paid almost $250 Million dollars of our tax dollars as a region to build the hospitals and they included laboratory services. I maintain that it is our role to make sure that our capital investment is used to the maximum, not ship the work off somewhere else. I have included the link to the news item on this issue below. Please read the following:

https://decafnation.net/2019/11/27/north-island-hospital-board-hesitates-to-take-advocacy-role-despite-rights-and-precedent/

Integrated Community Sustainability Planning process (ICSP)

I mentioned in my last report that we would be holding an open house at our school on Nov. 6th. It was very well attended and participated in by the community. It consisted of planners and consultants at many stand-up boards around the gym asking for input on various topics. The structure of the process was not what I had hoped for nor envisioned but it turned out fairly well in my opinion. The ICSP is the umbrella plan that the planners will use to create up to date OCP's and regulatory documents for all of Area C. We will see what they come back with in the new year and how well it reflects the input they received. The community will decide what it feels is what it wants, not the consultants.

Read Island (Outer Islands) ICSP

While we are on the topic, on Dec. 6th I picked up staff and consultants at the ferry and drove them to Hoskyn Channel Landing to meet a boat to take them all to Surge Narrows, on Read Island for *their* ICSP input meeting. A packed hall greeted us and learned about the ICSP, but were quite disenchanted with the process since it did not get down into the OCP and bylaws on that day. That is what they expected. Being a very resilient group they settled into the process and gave the staff a great deal of input concerning what they expect in the outer islands area. They, too, will get a report back on next steps in the new year. They are very anxious to get on with developing their OCP and bylaws since the documents have not been looked at since 1993!!! They are ready to work and make it happen and I was pleased as always at their hospitality and warmth even in the face of disappointment with the process. The planners have their work cut out for them in the entirety of Area C. More to follow in the new year.

Connectivity issue

I had my planned very high level conference call with six of the Telus brass on Nov. 29th. I also invited two of our senior staff to witness the discussion (not that I don't trust Telus!). We had a very detailed conversation on many of the options for providing top levels of service to all areas. I cannot, once again, go into the details since Telus requires that we keep the discussion in camera (confidential). There is an incredible amount at stake here for them and for competitors, so I do agree that we need to keep this internal at this time in order to honour their request. We have waited this long and a little longer won't hurt too badly. The timetable is within the year 2020. I hope that much info will keep you interested. I do hate to keep things from you that concern you but I have no choice if I want to be part of the conversation.

BC Hydro Information

As the wind howls outside and I am cringing at the thought of the power going out while I am doing my report, I must commend BC Hydro for the information they published in the Nov. 4th issue of the Discovery Islander. I am going to reprint it here, without anyones permission, but it is all public info and important for you to have handy. Cut it out of your printed copy and keep it by your land line! This is what *they* wrote:
AS STORM SEASON is once again upon
us, I would like to remind everyone of our website and important contact information for power outages.
For the most up-to-date information about outages, please first visit us online at: BC Hydro – News – Power Outages – Outage List (http://www.bchydro.com/ outages/orsTableView.jsp)
If you need to talk with me:
Ted Olynyk, Manager
Manager, Community Relations Vancouver Island and Sunshine Coast
(O): (250) 755-7180
(C): (250) 618-6267 (24 hr/day availability) ted.olynyk@bchydro.com
Please regard me as your first and single point of contact unless otherwise agreed to and not interview crews; this will allow our crews to focus on the safe restoration of power. (Remember to always remain 10 metres back from any downed power lines.)
Public inquiries can be referred to 1-800-BCHYDRO or www.bchydro.com/ outages/

Conclusion

Bet you are glad to see that heading!

At this point I would like to wish each and every one of you a very Merry Christmas, Happy Holiday season and a very healthy and productive New Year! I hope that all of you will take the time to reflect on your past year and spend time with loved ones and friends. This will be my last report for the season and I will be back at my keyboard mid-January. I certainly look forward to another busy and productive year and to working with all of you to protect this beautiful place where we live and create an environment that welcomes diversity of opinion, housing for all generations and employment for those that need it to foster prosperity for all.

January

Beazley

Turns		Maximum		renverse		maximum	
Day	Time	Time	Knots	jour	heure	heure	noeuds
1	**0142**	0509	+7.1	16	**0204**	0513	+8.7
	0834	1154	−6.8		**0835**	1152	−7.7
WE	**1520**	1806	+5.5	TH	**1511**	1808	+7.5
ME	**2105**	2358	−4.5	JE	**2123**		
2	**0232**	0559	+6.0	17		0018	−6.0
	0916	1234	−6.5		**0307**	0612	+7.2
TH	**1610**	1902	+5.6	FR	**0926**	1247	−7.3
JE	**2219**			VE	**1606**	1918	+7.7
					2238		
3		0108	−4.2	18		0140	−5.7
	0333	0657	+5.1		**0420**	0712	+5.7
FR	**0959**	1328	−6.2	SA	**1020**	1346	−6.8
VE	**1658**	1957	+6.0	SA	**1703**	2023	+8.0
	2336				**2353**		
4		0210	−4.2	19		0250	−5.6
	0450	0803	+4.4		**0543**	0841	+4.7
SA	**1048**	1424	−6.1	SU	**1119**	1448	−6.5
SA	**1745**	2052	+6.6	DI	**1801**	2130	+8.4
5	**0041**	0312	−4.5	20	**0102**	0407	−6.0
	0615	0907	+4.1		**0704**	0946	+4.3
SU	**1138**	1519	−6.2	MO	**1221**	1551	−6.5
DI	**1830**	2146	+7.2	LU	**1857**	2233	+8.9
6	**0134**	0422	−5.2	21	**0202**	0514	−6.7
	0727	1010	+4.1		**0813**	1050	+4.3
MO	**1230**	1609	−6.4	TU	**1323**	1649	−6.5
LU	**1913**	2237	+8.0	MA	**1951**	2329	+9.4
7	**0219**	0511	−5.9	22	**0254**	0611	−7.5
	0823	1059	+4.3		**0909**	1145	+4.5
TU	**1321**	1649	−6.7	WE	**1421**	1740	−6.6
MA	**1956**	2319	+8.6	ME	**2041**		
8	**0300**	0608	−6.6	23		0017	+9.6
	0909	1144	+4.7		**0339**	0658	−8.0
WE	**1411**	1731	−7.1	TH	**0954**	1232	+4.9
ME	**2039**			JE	**1512**	1825	−6.6
					2137		
9		0004	+9.2	24		0059	+9.7
	0340	0647	−7.2		**0420**	0738	−8.2
TH	**0951**	1221	+5.1	FR	**1035**	1314	+5.3
JE	**1501**	1814	−7.5	VE	**1559**	1905	−6.9
	2122				**2208**		
10		0043	+9.8	25		0136	+9.6
	0418	0728	−7.5		**0458**	0814	−8.1
FR	**1031**	1306	+5.6	SA	**1114**	1352	+5.8
VE	**1549**	1856	−7.8	SA	**1641**	1942	−7.1
	2205				**2246**		
11		0122	+10.5	26		0207	+9.4
	0458	0808	−7.8		**0534**	0847	−7.9
SA	**1113**	1349	+6.1	SU	**1151**	1431	+6.1
SA	**1638**	1940	−8.1	DI	**1722**	2020	−7.1
	2248				**2322**		
12		0203	+11.0	27		0244	+9.3
	0538	0848	−7.9		**0608**	0919	−7.6
SU	**1156**	1435	+6.5	MO	**1228**	1509	+6.3
DI	**1727**	2026	−8.0	LU	**1802**	2058	−6.9
	2333				**2358**		
13		0245	+11.1	28		0317	+9.0
	0620	0930	−8.0		**0641**	0952	−7.4
MO	**1241**	1523	+6.9	TU	**1305**	1542	+6.4
LU	**1819**	2116	−7.7	MA	**1844**	2135	−6.5
14	**0020**	0331	+10.8	29	**0034**	0352	+8.3
	0703	1014	−8.1		**0714**	1025	−7.2
TU	**1328**	1616	+7.1	WE	**1343**	1632	+6.4
MA	**1914**	2211	−7.2	ME	**1928**	2225	−5.9
15	**0109**	0419	+10.0	30	**0113**	0429	+7.3
	0748	1101	−8.0		**0746**	1101	−6.9
WE	**1418**	1712	+7.3	TH	**1421**	1721	+6.3
ME	**2015**	2307	−6.5	JE	**2018**	2316	−5.3
				31	**0158**	0517	+6.1
					0821	1139	−6.5
				FR	**1502**	1810	+6.3
				VE	**2115**		

Hole in the Wall

Turns		Maximum		renverse		maximum	
Day	Time	Time	Knots	jour	heure	heure	noeuds
1	**0153**	0516	+7.1	16	**0215**	0521	+8.9
	0840	1202	−6.9		**0841**	1156	−7.9
WE	**1535**	1810	+5.5	TH	**1524**	1819	+7.7
ME	**2110**			JE	**2129**		
2		0006	−4.7	17		0023	−6.1
	0244	0608	+6.0		**0319**	0621	+7.3
TH	**0921**	1250	−6.6	FR	**0932**	1252	−7.5
JE	**1625**	1905	+5.6	VE	**1620**	1923	+7.8
	2224				**2243**		
3		0119	−4.4	18		0143	−5.8
	0347	0707	+5.0		**0434**	0729	+5.8
FR	**1005**	1336	−6.4	SA	**1026**	1352	−7.0
VE	**1713**	2010	+5.9	SA	**1717**	2030	+8.0
	2339				**2358**		
4		0221	−4.4	19		0258	−5.7
	0504	0812	+4.4		**0558**	0847	+4.8
SA	**1053**	1431	−6.3	SU	**1124**	1455	−6.5
SA	**1759**	2107	+6.5	DI	**1814**	2137	+8.3
5	**0044**	0322	−4.8	20	**0107**	0416	−6.0
	0628	0917	+4.0		**0720**	0959	+4.3
SU	**1144**	1524	−6.4	MO	**1225**	1557	−6.4
DI	**1843**	2159	+7.2	LU	**1910**	2240	+8.8
6	**0137**	0430	−5.4	21	**0207**	0524	−6.7
	0740	1020	+4.0		**0828**	1101	+4.3
MO	**1236**	1611	−6.6	TU	**1327**	1655	−6.4
LU	**1925**	2245	+7.9	MA	**2003**	2335	+9.3
7	**0223**	0518	−6.1	22	**0259**	0621	−7.4
	0835	1108	+4.3		**0923**	1150	+4.5
TU	**1327**	1648	−6.8	WE	**1425**	1746	−6.5
MA	**2008**	2328	+8.7	ME	**2052**		
8	**0305**	0613	−6.6	23		0023	+9.5
	0921	1150	+4.6		**0345**	0708	−7.8
WE	**1418**	1738	−7.2	TH	**1008**	1239	+4.9
ME	**2050**			JE	**1518**	1830	−6.8
					2137		
9		0009	+9.4	24		0105	+9.6
	0345	0654	−7.0		**0426**	0747	−7.9
TH	**1003**	1232	+5.1	FR	**1048**	1320	+5.4
JE	**1507**	1820	−7.6	VE	**1605**	1910	−7.1
	2132				**2218**		
10		0048	+10.2	25		0142	+9.5
	0424	0734	−7.2		**0505**	0822	−7.8
FR	**1043**	1313	+5.6	SA	**1127**	1359	+5.9
VE	**1556**	1902	−7.9	SA	**1648**	1947	−7.3
	2215				**2256**		
11		0127	+10.9	26		0216	+9.6
	0503	0812	−7.4		**0541**	0854	−7.5
SA	**1124**	1356	+6.2	SU	**1204**	1438	+6.3
SA	**1644**	1945	−8.2	DI	**1729**	2025	−7.3
	2258				**2331**		
12		0208	+11.4	27		0250	+9.6
	0543	0851	−7.7		**0615**	0926	−7.4
SU	**1207**	1441	+6.7	MO	**1241**	1517	+6.5
DI	**1734**	2030	−8.2	LU	**1810**	2104	−7.0
	2343						
13		0251	+11.6	28	**0007**	0324	+9.2
	0625	0932	−8.1		**0648**	0958	−7.4
MO	**1252**	1530	+7.1	TU	**1318**	1558	+6.5
LU	**1826**	2120	−7.9	MA	**1851**	2147	−6.5
14	**0029**	0337	+11.2	29	**0044**	0359	+8.5
	0709	1017	−8.3		**0720**	1032	−7.3
TU	**1340**	1622	+7.3	WE	**1356**	1641	+6.4
MA	**1921**	2215	−7.4	ME	**1936**	2238	−5.9
15	**0119**	0426	+10.3	30	**0124**	0437	+7.4
	0754	1105	−8.2		**0753**	1108	−7.0
WE	**1430**	1719	+7.5	TH	**1435**	1719	+6.3
ME	**2022**	2316	−6.7	JE	**2025**	2325	−5.3
				31	**0210**	0520	+6.1
					0828	1147	−6.6
				FR	**1517**	1807	+6.3
				VE	**2122**		

Campbell River

Day	Time	Metres	Feet	jour	heure	mètres	pieds
1	0210	**1.7**	5.6	16	0213	**1.6**	5.2
	0952	**4.3**	14.1		0938	**4.5**	14.8
WE	1759	**2.9**	9.5	TH	1727	**2.4**	7.9
ME	2047	**3.0**	9.8	JE	2134	**3.2**	10.5
2	0247	**2.1**	6.9	17	0257	**2.1**	6.9
	1029	**4.3**	14.1		1018	**4.5**	14.8
TH	1842	**2.6**	8.5	FR	1825	**2.0**	6.6
JE	2238	**2.9**	9.5	VE	2326	**3.2**	10.5
3	0328	**2.4**	7.9	18	0348	**2.7**	8.9
	1104	**4.2**	13.8		1058	**4.4**	14.4
FR	1920	**2.3**	7.5	SA	1917	**1.6**	5.2
VE				SA			
4	0025	**3.0**	9.8	19	0111	**3.4**	11.2
	0419	**2.8**	9.2		0449	**3.1**	10.2
SA	1136	**4.2**	13.8	SU	1139	**4.4**	14.4
SA	1955	**2.0**	6.6	DI	2007	**1.3**	4.3
5	0154	**3.3**	10.8	20	0235	**3.7**	12.1
	0522	**3.1**	10.2		0602	**3.5**	11.5
SU	1205	**4.2**	13.8	MO	1223	**4.3**	14.1
DI	2029	**1.7**	5.6	LU	2055	**1.0**	3.3
6	0259	**3.5**	11.5	21	0336	**4.0**	13.1
	0630	**3.4**	11.2		0717	**3.7**	12.1
MO	1232	**4.1**	13.5	TU	1311	**4.2**	13.8
LU	2102	**1.4**	4.6	MA	2140	**0.9**	3.0
7	0346	**3.8**	12.5	22	0421	**4.2**	13.8
	0729	**3.6**	11.8		0922	**3.7**	12.1
TU	1302	**4.2**	13.8	WE	1400	**4.1**	13.5
MA	2133	**1.1**	3.6	ME	2222	**0.8**	2.6
8	0426	**4.0**	13.1	23	0459	**4.2**	13.8
	0818	**3.7**	12.1		1016	**3.7**	12.1
WE	1339	**4.2**	13.8	TH	1449	**4.1**	13.5
ME	2203	**0.9**	3.0	JE	2300	**0.8**	2.6
9	0504	**4.2**	13.8	24	0533	**4.3**	14.1
	0900	**3.7**	12.1		1103	**3.6**	11.8
TH	1423	**4.2**	13.8	FR	1535	**4.1**	13.5
JE	2231	**0.7**	2.3	VE	2333	**0.8**	2.6
10	0541	**4.3**	14.1	25	0607	**4.3**	14.1
	0943	**3.7**	12.1		1148	**3.5**	11.5
FR	1510	**4.3**	14.1	SA	1618	**4.0**	13.1
VE	2302	**0.6**	2.0	SA	2355	**0.9**	3.0
11	0619	**4.3**	14.1	26	0641	**4.3**	14.1
	1030	**3.7**	12.1		1236	**3.4**	11.2
SA	1559	**4.3**	14.1	SU	1700	**3.9**	12.8
SA	2336	**0.5**	1.6	DI			
12	0658	**4.4**	14.4	27	0010	**1.1**	3.6
	1128	**3.6**	11.8		0715	**4.3**	14.1
SU	1651	**4.2**	13.8	MO	1425	**3.3**	10.8
DI				LU	1742	**3.7**	12.1
13	0013	**0.6**	2.0	28	0032	**1.3**	4.3
	0737	**4.4**	14.4		0750	**4.3**	14.1
MO	1245	**3.4**	11.2	TU	1501	**3.1**	10.2
LU	1747	**4.0**	13.1	MA	1827	**3.5**	11.5
14	0051	**0.8**	2.6	29	0100	**1.6**	5.2
	0818	**4.5**	14.8		0823	**4.3**	14.1
TU	1515	**3.2**	10.5	WE	1537	**2.9**	9.5
MA	1849	**3.7**	12.1	ME	1920	**3.4**	11.2
15	0131	**1.2**	3.9	30	0130	**1.9**	6.2
	0858	**4.5**	14.8		0855	**4.2**	13.8
WE	1625	**2.8**	9.2	TH	1619	**2.7**	8.9
ME	2002	**3.4**	11.2	JE	2028	**3.2**	10.5
				31	0159	**2.3**	7.5
					0925	**4.2**	13.8
				FR	1706	**2.4**	7.9
				VE	2203	**3.1**	10.2

January 2020

Point Atkinson

Day	Time	Metres	Feet	jour	heure	mètres	pieds
1	0246	**1.6**	5.2	**16**	0303	**1.5**	4.9
	1019	**4.6**	15.1		1005	**4.9**	16.1
WE	1720	**2.8**	9.2	TH	1656	**2.2**	7.2
ME	2121	**3.2**	10.5	JE	2215	**3.5**	11.5
2	0323	**2.0**	6.6	**17**	0354	**2.1**	6.9
	1051	**4.5**	14.8		1043	**4.8**	15.7
TH	1811	**2.5**	8.2	FR	1755	**1.8**	5.9
JE	2307	**3.1**	10.2	VE			
3	0406	**2.5**	8.2	**18**	0003	**3.5**	11.5
	1122	**4.4**	14.4		0456	**2.7**	8.9
FR	1855	**2.2**	7.2	SA	1123	**4.7**	15.4
VE				SA	1851	**1.5**	4.9
4	0103	**3.2**	10.5	**19**	0151	**3.7**	12.1
	0502	**2.9**	9.5		0614	**3.2**	10.5
SA	1153	**4.4**	14.4	SU	1205	**4.5**	14.8
SA	1935	**1.9**	6.2	DI	1944	**1.1**	3.6
5	0233	**3.5**	11.5	**20**	0316	**4.1**	13.5
	0618	**3.2**	10.5		0741	**3.5**	11.5
SU	1226	**4.3**	14.1	MO	1251	**4.4**	14.4
DI	2012	**1.6**	5.2	LU	2034	**0.9**	3.0
6	0337	**3.8**	12.5	**21**	0419	**4.3**	14.1
	0742	**3.4**	11.2		0901	**3.6**	11.8
MO	1301	**4.3**	14.1	TU	1340	**4.3**	14.1
LU	2049	**1.3**	4.3	MA	2122	**0.7**	2.3
7	0427	**4.1**	13.5	**22**	0508	**4.5**	14.8
	0852	**3.6**	11.8		1005	**3.6**	11.8
TU	1339	**4.3**	14.1	WE	1432	**4.2**	13.8
MA	2126	**1.0**	3.3	ME	2207	**0.6**	2.0
8	0509	**4.4**	14.4	**23**	0548	**4.7**	15.4
	0949	**3.6**	11.8		1056	**3.5**	11.5
WE	1420	**4.3**	14.1	TH	1523	**4.2**	13.8
ME	2204	**0.7**	2.3	JE	2249	**0.6**	2.0
9	0547	**4.6**	15.1	**24**	0624	**4.7**	15.4
	1037	**3.7**	12.1		1141	**3.5**	11.5
TH	1503	**4.3**	14.1	FR	1610	**4.2**	13.8
JE	2244	**0.5**	1.6	VE	2328	**0.6**	2.0
10	0624	**4.7**	15.4	**25**	0656	**4.7**	15.4
	1123	**3.7**	12.1		1223	**3.4**	11.2
FR	1550	**4.4**	14.4	SA	1654	**4.1**	13.5
VE	2325	**0.3**	1.0	SA			
11	0701	**4.8**	15.7	**26**	0004	**0.7**	2.3
	1209	**3.6**	11.8		0727	**4.7**	15.4
SA	1640	**4.4**	14.4	SU	1304	**3.2**	10.5
SA				DI	1737	**4.0**	13.1
12	0006	**0.3**	1.0	**27**	0038	**0.9**	3.0
	0737	**4.8**	15.7		0756	**4.7**	15.4
SU	1258	**3.4**	11.2	MO	1347	**3.1**	10.2
DI	1732	**4.3**	14.1	LU	1820	**3.9**	12.8
13	0049	**0.4**	1.3	**28**	0111	**1.1**	3.6
	0813	**4.9**	16.1		0823	**4.6**	15.1
MO	1352	**3.2**	10.5	TU	1430	**2.9**	9.5
LU	1829	**4.1**	13.5	MA	1907	**3.7**	12.1
14	0132	**0.6**	2.0	**29**	0142	**1.5**	4.9
	0850	**4.9**	16.1		0850	**4.6**	15.1
TU	1451	**3.0**	9.8	WE	1515	**2.7**	8.9
MA	1932	**3.9**	12.8	ME	1959	**3.5**	11.5
15	0216	**1.0**	3.3	**30**	0214	**1.8**	5.9
	0927	**4.9**	16.1		0915	**4.5**	14.8
WE	1554	**2.6**	8.5	TH	1601	**2.5**	8.2
ME	2045	**3.6**	11.8	JE	2104	**3.4**	11.2
				31	0247	**2.2**	7.2
					0941	**4.4**	14.4
				FR	1648	**2.3**	7.5
				VE	2229	**3.3**	10.8

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