JOURNAL OF THE

CONSTRUCTION OF

CAPE ST. ELIAS

LT. STA.

SUPERINTENDENT'S FILES

JOURNAL OF THE

CONSTRUCTION OF

C A P E S T. E L I A S

LIGHT STATION

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Journal of Light-Station at Cape St. Elias.

March 1916.

Wed. March. I. Calm and clear all day, no surf. Been sharpening tools all day. No sand in sight on the beach, looking for sand every day. Temperature this morning 26 above, this afternoon 32. Passed southbound S.S. Northwestern 3 A.M.

Thurs. March 2. Strong northwest wind and clear all day . Will try getting up to the Fox-Ranch after mail first chance. Would like to let the office know weather conditions out here at the Cape. Temperature this morning 26 above, this afternoon 28. Light northwest wind and clear this evening, no swell.

Fri. March. 3. Northeast wind and clear all day. Temperature this morning 28 above, this evening 26. Passed northbound steamer 7 A.M. Started walking to Fox-Ranch 6,30 A.M. Return back after getting 9 miles up the beach, bad walking, got back to camp 5,30 P.M.

Sat. March 4. Easterly gale and thick with snow this morning clear for a short while this forenoon. Passed northbound S.S. Admiral Evans II. A.M. Continued for Cordowa. Been working inside all day, cleaning up the pantry. Temperature this morning 20 above, this afternoon 26. Easterly wind and clear with a southeast swell this evening. Had about two inches of snow this morning.

Sun. March. 5. Light northeast wind and clear all day. Temperature this morning I2 above, this afternoon 22. Calm but cloudy this evening look like more snow. NO swell.

Mon. March 6. Northeast wind and thick with snow, a very bad day. Cleaning up all the smoked meat to day, meat not looking extra. Blowing hard here today, snow piling up fast, had about four inches of snow. Temperature this morning 20 above, this afternoon 26. Clear for a short while this evening. Northeast wind and thick with snow at 9 P.M. NO swell.

Tues. March. 7. Light northeast wind and clear all day. Had two more inches of snow last night. Shoveling snow to day. Passed northbound S.S. Alemeda II. A.M. Temperature this morning I2 above, this afternoon 20. Beach freezing up again, bowlders all full of ice. Light easterly wind and clear this evening.

Wed. March. 8. Southeast wind and thick with snow for a few hours this morning, shifted round to northeast during forenoon. Been clear must part of the day. Doing small jobs round camp. Sighted canadian fishing steamer for anchor on north side of island, probably the Foster. Same steamer passed out southbound 7. P.M. Temperature this morning 24 above, at 2 P.M. 40, at 9 P.M. 20 above. Big dissplay of northern lights, signs more cold weather. Northeast wind and clear to night, very little surf.

Thur. March. 9. Northeast wind and thick with snow this morning, clear and westerly wind at I. P.M. We have about 8 inches of snow now, and the weather is not getting any warmer. Both doing small jobs round camp. Temperature this morning 24 above, this afternoon28. No sand in sight. Southeast swell this evening. Temp. at 3 P.M. 28 above.

Fri. March. IO. Southeast wind squally and cold all day. Had four more inches of snow last night. Not doing much to day, shoveling some snow thats all. Bad weather for working outside. Look like this snow is going to stay for a while. Temperature this morning 28 above, this afternoon 30. Surf to day, could land all right with small boat.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
May	13	Survey Party of six men including Timekeeper H. L. Fuller in charge, arrived and pitched camp. Were brought out by Durkee in Launch Triton. A 21 foot Eastern dory purchased from the owners of the fox ranch on Wingham Isld. was carried away by the tide soon after landing and was not recovered. H.L.F.

Summary of work covered by Survey Party:

Work up to & including May 31, consisted chiefly of making a Topographic Survey of a section of the Cape in the vicinity of the proposed Light house, extending from the easternmost point of the White Stone Bluff, to the westward about 2000 ft, including the permanent camp building site. This survey was plotted.

The ground was cleared at the camp site and also at the Light house site. Poles were cut and trimmed for tents and sills were levelled and joists laid preparatory to laying tent floors. Dug some test pits at different proposed sites deep enough to show approx. material beneath & its condition. Made also a few void tests on the gravel at the beach near our camp, which showed a well graded gravel, suitable for concrete. June 1st 11 30 a.m. ~~sea~~ R. R. Linkham arrived with 1st installment of Labor and materials. The weather during this period was very exceptional for this section, then being only one rainy day, which did not hinder work.

May 31 The H.L.F.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
May	31	Admiral Line SS Admiral Evans arrived with first shipment of Equipment and lumber and sixteen men including Supt. Tillman and Foreman Bohrer. Entire consignment of 167 tons (ships measure) was unloaded aboard Durkee's two lighters off west end of Wingham Isld. in four hours. Weather fine and no sea. Government crew stowed aboard scows. Left scows anchored in lee of Wingham Isld. at for ranch and went into Katalla arriving there at 6 P.M. Arranged for several articles to be delivered at the Cape incl. a commissary supplied by Ct. Vidt & Co. ABP.
June	1	Left Katalla 5 A.M. aboard Durkee's launch, went to Wingham Isld. and took on groceries, baggage and some lumber also camp supplies and proceeded to Cape St. Elias arriving there 11:30 A.M. Began at once to unload and land by use of Durkee's dory and a round bottom row boat rented from Ben Watson at Katalla, equipped with Evinrude motor. Some surf running but all material was landed without delay or loss. Began erecting cook, mess and funk tents on sills already laid by the survey party — had them ready for night. Found a complete survey had been made and plotted accurately. ABP.
June	2	Grading for tramways and permanent camp buildings. Determined on location of trams and camp buildings and investigated water conditions. Weather fine but no lighters arrived. ABP

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1911- MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June	3	Dunkee arrived 7 am with the first lighter which was beached promptly without mishap and unloaded in 1 hr. 50 m. Balance of the day till evening spent in packing supplies off the beach, laying tram rails and flooring tents. At 7 PM. Dunkee arrived with the second lighter which was beached and held with a little difficulty due to the increasing sea and surf. This lighter was unloaded in 1 hr. 15 m. The material - mostly lumber - was packed to the high bank out of reach of high tide and surf. Finished at midnight and crew had second supper. Weather clear. Both lighters were beached to the ~~west~~ward of the site about 300 and 500 yards respectively. AR.
June	4	Packing materials to site, building tramways, boarding and framing bunk tent and Supt's tent. Constructing meat house and laying sills and floor for #1 Bunk house. Dunkee's launch arrived about 7 PM. with additional supplies from Katalla including 6 bbls. of drinking water which had been ordered for use until spring at site could charge and fill after excavating and curbing. Weather clear. AR.
June	5	Gale from Easterly with rain. All hands turned to and finished packing supplies and lumber from beach to the site. Wind so strong around White Stone Bluff that it blew the dory about 150 ft. down the beach. Camp protected by bluff and trees so that only an occassional puff hit it hard. Reinforced all tents with lashings. Finished meat house, constructed temporary

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Warehouse of framing & tarpaulin, continued on #1 bunk house framing to plates. Constructed bunks in bunk tent.
		Lashed Lumber Piles to keep from blowing down all material landed above high water and most all on site.
June - Sun.	6	Completed moving lumber from beach to Lumber Yard on site.
		All carpenters at work on Bunk House No 2. finished sheathing and roof. Built an outhouse. and platform & steps at Spring.
		Weather partly cloudy, no wind. Heavy seas from South West.
		Also finished the grading & laying of sills for mess house.
		Dispensed with all unnecessary men at noon. ½ day.
June	7	Rain today little wind.
		Moved all supplies etc. in tent (temporarily being used as office and warehouse) to center of floor. covered same with tent.
		Put up wooden structure & completed same except doors and windows. This was a necessity owing to congestion & leaky tent. Uohrer & Fuller occupy these quarters temporarily.
		Completed Mr. Jinkins's Tent today & moved drafting room there
		Excavated and set sills for storage water tank at base of bluff.
		Completed bunks on one side of Bunk House #1. one man worked at this today. Falling trees & grading Office Site.
		Set up Iron Water Tank at N.W. Cor. of Mess House for storing rain water & Laid pipe from overflow of spring to it.
		Graded & cribbed site for Blacksmith Shop.
		Dug excavation for Toilet & partly completed building.
		Camp is one muddy bog today where there are no plank.
June	8	Cribbed and graded on track to south east.
		Dug turntable pit. & began grading for tram up hill.
		Commenced erection of Mess House. completed floor sides & rafters. with 3 carpenters and 2 helpers

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Completed Bunk House #1 except door & windows.
Completed grading Office Site.
Raised a flag pole today. Had formal excersises. & fuled the flag to three rousing cheers from all the men. Mr. Tinkham took a picture of same (except cheers).
Today was the most beautifull day yet. Sun shined bright and warm & set with a beautifull red glow. D.

June 9 Weather cloudy S.W. Wind, very little sea.
Finished sheathing and roof of mess house. also cooks quarters.
Finished Toilet on beach.
Finished all bunks & some windows on Bunk House #1
Continued laying tram to eastward.
Finished Turntable Foundation
Began clearing around camp for fire protection.
" cleaning up site for Fog Signal, storage bin etc.
Sent White & Whitehead to Katalla in Evunrude. to get additional materials & Groceries.

June 10 Weather Cloudy, Westerly Wind. Very little sea on west beach.
Very smooth S.E. Track Terminal.
Fuller & party surveying base line for triangulating Pinacle & vicinity
" " " " tram line to gravel bin.
Three men at work laying S. East Tram to beach.
Two men at work laying west tram on beach.
Two men cutting timbers for gravel bin on hill near office site.
One carpenter finishing windows & doors of Bunk House #1
Balance of carpenters working on mess house.
Several men clearing around camp for fire protection
Two men clearing around fog signal site.
Two men Excavating for North or Uphill Tram.
Set up forge and anvil for temporary blacksmith shop.
Work progressing rapidly. men occupied bunk house #1
Split crew. between temporary bunk house and bunk hs. #1.
Running very short of lumber.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June	11	Weather Cloudy, Westerly Wind, Sea Choppy.
		Fuller and party surveying base line & north tram.
		Fixed bottom of dory, was leaking badly.
		Completed cutting out turntable and got it partly assembled.
		Continued construction of west tram.
		" Clearing camp and fog signal site.
		Commenced erection of gravel bunker.
		Continued erection of Mess Hs.
		Completed laying west tram.
		Blacksmith at work in P. M.
		Continued excavation for north tram.
		About 2.30 P. M. Clurkee arrived with men and material with the gasboat Triton.
		The men were all from Katalla and were as follows.
		Nels. Anderson, Carpenter, Frank Lawton, laborer
		Frank Thomas, lab. Oswald Barrett lab. Jule Rudolph, lab
		and Wm Holman, lab., Thoday the carpenter from
		Ketchikan failed to arrive.
		The Triton landed crude oil, portable derrick, bolts, groceries
		and meat. The Watson failed to bring the lumber or other
		heavy cargo. leaving it for the ~~Cath~~ Berthe, which will be here a
		week from now. this will delay the work just that length of
		time as, we are out of lumber.
		The two men returned on the Triton from Katalla.
		bringing the Evanude in tow.
		McKensie cut his leg with an adz. after being attended to
		he returned to work.
June	12	
		Weather Cloudy - Westerly wind.
		Ship passed west bound 10 A. M.
		Fuller surveying. Triangulating the Pinnacle & vicinity
		Had a force of men filling in and grading East tram
		Completed large rock fill on beach.

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fr		filled about 1/3 of the big fill. this side of line of drift. also had a crew grading the westside tram along the beach for unloading material. Completed the turntable and began building the large water tank east of the turntable. Had a force of four men building the gravel bin and getting out timbers Removed the large stump on site of blacksmith shop Two men clearing around camp for fire protection Began the excavation for the second bunk house Had three carpenters shelving and finishing in mess house. after supper we moved the stores etc. in the new mess house. this necessitated some overtime. but it was necessary, inasmuch as the store must be in use all day, and moving must be done after supper, this gives the cook a chance to get fairly well settled before breakfast. I also started the blacksmith shop. got the roof on and the shop partly completed. We are extremely low on lumber. and rather handicapped. Dohrer Fuller ~~took~~ takes a bath every tonight. ~~Thank God.~~
June. Sun.	13	Weather Bright and fair in forenoon. Foggy & misty in P. M. Westerly wind fairly heavy swells on westerly beach. No work today except cooks. and one man filing X cut saws. which is necessary, owing to the fact that the saws are in service every day, and filing saws then delays the work. Hunted hell for possible water supply found that the entire side hill is composed of slide rock. and seepage too great. It pleased all to see Dohrer make use of some soap and water. which he does quite often. D

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June	14	Weather - heavy rain, foggy, camp a regular mud bog.
		Fuller locating uphill tram and checking tools.
		Two carpenters erecting water tank #1 East of turntable
		Three men excavating between Mess Hs & Bunk Hs. #1 for Tank #2
		Two men grading for bunk house #2
		" " " north tram. (excav.)
		4 " surfacing & filling east tram.
		4 " getting out timber for gravel bin near office site.
		Carp & helper erecting bents on gravel bin for tram trestle
		" " setting sills for warehouse
		Two men surfacing west tram with gravel.
		Men worked steadily all day in spite of rain. and work progressed favorably.
		Dohrer.
June	15	Weather bright & fair no wind.
		Fuller at Pinnacle surveying
		Completed Water Tank #1 except bolts & caulking.
		Began construction of water tank #2 between Mess House and Bunk House. to store rain water. size 8'x8'x7' high.
		Contd erection of Trestle bents on North tram to gravel bin.
		Contd getting out timber for gravel bin and trestle.
		Raised east tram to a more uniform grade, so we can get the heavy cargo, now enroute, up from the beach.
		Completed grading and set sills for Bunk House #2.
		Wheeled more gravel for grading west tram.
		Completed grading and floor on south half of warehouse
		began setting sills on north half. graded west tram and connected to turntable.
		Blacksmith at miscellaneous bolts ~~Drift~~ bolts etc.
		Took first picture with the new camera. of camp, water tank etc. exposed nine films of film roll about 7 P.M.
		Dohrer

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June Wed.	16	Weather bright and fair. Westerly breeze. light swell from west. Completed caulking and bolting water tank #1. Erected two bents on north trave treath, completed ~~alt~~ setting stringers of gravel bin. and contd. cutting timber from hill north of Fog Signal site. Had large crew blocking and grading east trave, also connected same with turntable. Contd. construction of Water Tank #2. also trenching drains about camp. Framed heavy skids for setting up 6 H.P. Hoist. and began excavation for setting same. Took picture about 2 P.M. of men rolling engine skid. also showing view up north trave. Northwestern passed south bound at 6¹⁵ P.M.
June Thur	17	Weather bright & clear. Westerly light breeze. no sea. Completed caulking & cementing Water Tank #1. Contd. Water Tank #2. Completed grading & surfacing temporary grade of East Trave. Completed setting Eng foundation for 6 H.P. Gas Hoist. " getting out timbers for North Trave. Treath. Changed piping spring and began piping to #1 Tank and cook house. Commenced grading out bank for boat house to be used for 6 H.P. hoist and circle saw. temporarily. Completed drains around bunk #1 & #2 & mess house. Put in anchor ring bolts and dead man for anchoring scows when unloading. made winch for temporary hoisting of car on east trave. Mariposa passed west-bound at 9 P.M. Bertha " " " at 9.15 P.M. The Crisdy Rock obscured the Bertha 6 minutes from the Fog Signal site. Hosick cut himself in hand with axe. doctor dressed same. minor injury. Dobrey.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Fri June	18	Weather rain, & cloudy.
		Fuller at work on map.
		Continued erection of north tram trestle and began laying stringers today.
		Continued to fall trees & grub stumps clearing Fog Signal site.
		Piped water from spring to barrels alongside mess house.
		Continued caulking water tank #2, and completed spouting Mess House & Bunk House #1 into it.
		continued grading camp site and cutting bank to level at boat house site.
		Completed grading and terracing about spring to keep same clean.
		I did considerable cleaning up today as we are entirely out of material and about stuck for work to do. untill we begin excavation for permanent bldgs and get material.
		S. S. Watson passed S.B. at 4 30 P.M. out of Katalla. Dohrer
Sat. June	19	Weather cloudy and occasional rains.
		Fuller contd. mapping.
		Thompson checking & ~~[illegible]~~ listing tools & material.
		Completed grading around turntable & surfacing west tram and began laying north tram uphill.
		Contd clearing Fog Signal site. and erecting north tram trestle.
		Began clearing site of dwelling.
		Contd. clearing & cleaning up around camp.
		Contd caulking and bracing water tank #2.
		laid pipe line from water tank #1 to Carpenter shop where I run out of pipe.
		Durkee arrived off the camp at 3 P.M. crossed the bar between the cape and the Smack and landed at the foot of the tram. he had about 50,000 feet of Lumber, Concrete Mixer and big oil tank, began unloading at 4.30 P.M. completed to beach

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
a		at 6.45 P.M. worked untill 3.30 A.M. and landed and sorted all lumber in yard. landed oil tank at warehouse and mixer at foot of north tram. Rigged up a winch on the skid foundation for 6 horse power engine and hoisted the entire cargo, using 6 men at the winch. and the two cars. made a temporary car of the boat cars wheels and loaded the tank and mixer on it. landed tank at warehouse and mixer at foot of north tram. everything unloaded & stowed without accident. rained while unloading scow. & began again just as we finished. Lunch at midnight. W.
Sun. June 20		Cloudy, no wind or sea. Breakfast 11 A.M. Dinner 5 P.M. Two men sawing camp wood. Took three pictures of camp showing progress. Exposed film 1, 2 & 3 of Roll #2. Admiral Evans passed at 7 1st westbound for Katalla.
Mon. June 21		Weather clear and no wind, sea calm as a lake. Continued erection of Trestle over Gravel bin. moved the mixer to top of high bank. Began erection of Bunk House #2 and warehouse. Completed checking Lumber. Continued clearing Fog Signal Site. At 2 P.M. Durkee arrived with men and supplies from Katalla. He brought Frank Lawton & wife. (Lawton here previously) Also Jos. Meyers, Marshall Smith, Tony Anderson, Thos. Casperson Edw. Foster, all of whom arrived on the Evans from Ketchikan. Also Edw. Campbell, J. Wakeberg, Henry Sacker, Sophias Charley, Edw. Hargard. of Katalla, He brought meat, groceries, and chairs from Katalla. A steamer passed at 1 P.M. apparently south bound from Yakataga, did not go to west.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Took pictures of landing men & supplies Exposed 4, 5, 6 & 7 of Roll # 2. Frank Thomas. cut index finger to bone. not serious.
Tues. June	22	Weather Clear & bright. no wind. water smooth as a pond. Contd. moving mixer and landed same on level with gravel bin. Began laying steel on north tram. contd work on trestle. Contd. clearing & grubbing Fog Signal site. began clearing the site for the dwelling. Began excavation for station cesspool. in hopes of using same for a well if water can be found. Built a toilet on the hill for the offices. Experimenting with screening gravel on S. E. Beach. find a very fine grade of sand. but have to screen a large amount of gravel to get it. Took three progress pictures today Exposed 8, 9 & 10 of Roll # 2. Continued work on the warehouse. had plates, rafters up and began sheathing. Bunk Hs. # 2 completed sheathing and most of the roof boards. all well. Rohrer
Wed. June	23.	Weather clear & bright. no wind. Continued erection of north tram. continued and completed trestle. Began screening sand on beach. screened about 10 yds with 5 men. Erected trestle for setting oil tank for camp oil storage. Landed Concrete Mixer in place. Completed Toilet on hill. continued falling trees and clearing up and burning the trimmings. Completed excavating the cesspool to bed rock. discovered a good spring in the basaltic dyke near white stone east of camp. has good flow. water has a strong sulphur smell. but tastless. done some plumbing in kitchen. Fuller completed laying out the Fog Signal. ~~Northwestern passed~~. Northwestern passed westbound at 9 A. M. Passed out of sight 3 min 15 Sec. Rohrer.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June	24	Weather clear. westerly wind, choppy sea.
		Fuller. contd estimating & listing needed material.
		Laid foundation for new office.
		Contd screening sand at point of spit.
		Contd Bk Hs #2 & about complete. except ventilator & setting up stoves.
		Contd erection of warehouse. covered roof as far as paper ~~is concern~~ would go.
		Contd spouting buildings for water supply.
		Began laying floor of gravel bunker. and completed track on trestle except two rail lengths.
		Cleared a trail to family camp.
		Contd clearing dwelling site.
		Took two exposures of camp #11 & 12.
June 25,		Weather clear.
		Fuller estimating materials.
		Contd. erection office bldg.
		Contd. screening sand at point of bar.
		Had a carpenter spouting buildings to water tanks
		Laid part floor on gravel bunker. run out of 2" plank.
		Contd clearing dwelling site. & burning the brush.
		Concreted a dead man at foot of grade to keep the track from creeping down hill. also concreted side of turntable near hoist.
		Completed setting oil tank in place & piped same and emptied drum of gasoline.
		Inspector arrived at 5. A.M. on Kukui came ashore with Harris & Wright about 8. A.M.
		Inspected site & went over plans etc. with Mr. Tinkham.
		Left at 11.30 A.M. for Seward. Exposed Film 1 & 2 of Roll 3.
		Dohrer

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sat. June	26	Weather clear & fair.
		Began excavation of Fog Signal Bldg.
		Contd. erection of office bldg.
		Completed the warehouse building.
		Completed clearing dwelling site ready for excavation
		Moved men from bunk tent on hill to new bunk house #2.
		Concreted Spring on beach and began flumes to bring water near camp.
		Owing to the Inspector moving the entire fog signal building up hill. makes it necessary to remodel the front supports of the gravel bin. began to do this.
		Contd. raising trestle over gravel bin.
		Cutting wood for camp.
		Contd screening sand. and doing some grading about camp. Took progress pictures Roll #3 - Exposures 3-4-5&6
		Dohrer.
Sun June	27	Weather Cloudy & wet in A.M. Clear & bright in P.M.
		Bertha passed W. eastbound at 8 P.M.
		Fuller & Whitehead worked in afternoon restaking Fog Sig.
		No other men at work today.
		~~Took progress pictures~~
		Dohrer
Mon June	28	Weather, Heavy Southeast. with rain in P.M.
		Tinkham took pictures of low run out. exposed films ~~3-4-5~~ 7-8&9- Rl 3
		Contd. Excav. Fog Signal.
		" Screen Sand.
		Contd retimbering Grav. Bin & raising trestle.
		Contd erect. office Bldg.
		Excavated & graded for wash house.
		Contd. troughs from spring to sump. hole.
		A Tug with one large and two small barges passed westbound at 1.30 P.M.
		Dohrer

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June Tuesday.	29	Heavy Rain, Southeast Wind & Sea. Fuller stakes Dwelling. Erected Tool House near Fog Signal and began excavation for a toilet same place. Contd. screening sand. laid in a switch to sand pit. could not complete track as we are out of rails. Contd erection of Office Building. Contd excavation of Fog Signal. Commenced flumming spring to sump below Fog Signal Bldg. Concreted the Spring up the back. and Contd erection of Pony Bents to raise the trame over the gravel Bin. Contd. trussing the east end of gravel bunker necessitated on account of change of F.S. plan.
Wed June	30	Heavy Rain & Southeast wind & sea. Seas breaking hard on beach foot of east trame. Completed office bldg. & moved in today. " Tool house except roofing. none on hand. " toilet near tool house. " retrussing & shoring gravel bunker & raising trestle over bins. Began erection of wash & drying house between bunk houses. Contd screening sand. Began excavation for Dwelling. Cut wood for comp use. Contd Excav. Fog Signal site. Badly handicapped account shortage of material. Built trail from site of brick machine along hillside

Dahner.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Thurs. July	1	Weather misty, little wind or sea.
		Cont'd excavation of Fog Signal and dwelling.
		" erection of wash house. hauled sand from beach to pile near turntable.
		Built benches in carpenter & machine shop. shelving in warehouse tables & furniture for Office.
		Cut of 1 & 2 inch lumber.
		At 3 P.M. sighted Watson west bound. put off in Evanuede. got within about half mile but she did not slow up. had the mail & payrolls to go out and important cablegrams.
		Crew pretty well bunched up on excavation today
		Wohrer.
		Heavy Rain.
Fri July	2	Continued work on work now under way.
		Klukee arrived at the cape at 9 A.M. low tide so we landed on west beach below the lumber yard.
		Scow went aground about 50 feet from shore. began lightering lumber ashore. gradually working scow to beach. in unloading the 6 H.P. Power hoist. she cut the roller and went overboard when the scow pitched in the surf. broke the gland between the Fuel Tank and Cylinder. Had the blacksmith shrink a band on beach & it works alright. wired for new gland.
		Shifted scow to east beach and unloaded 9 H.P. Engine landed all material off lighter at 4 P.M. left with 22 men including Linkham for Katalla to celebrate the 4th arrived at Katalla at 11 P.M.
		Balance of men worked until 6 30 and got all material up to warehouse & camp site.
		Took Pictures on Roll 4
		Cloudy and some rain.
Sat July	3	No men working today except blacksmith & cooks.
		Attended to business in Katalla and the dance at Katalla tonight. Good time.
		Wohrer.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sun July 4	1915	Rained allday.
		Returned to Cape today. Linkham stayed at Katalla waiting for Watson to Bound.
		Left Katalla at 3 P.M. arrived at cape 6 30 with supplies & merry makers. all well & sober.
		Found everything in camp all in good shape.
Mon July	5	Weather rainy & windy.
		Contd. excav. Fog Signal & Dwelling.
		Set up 6 HP. Gas Hoist. Began erection of house for same. Checking up & posting Lumber & material.
		Contd erection of engine setting for 9 HP. Eng.
		Began Piping to camp & Tanks.
Tues July	6	Heavy Southeaster. Work on Fog Signal & Dwell foundations well protected. Pulled all boats etc off beach. Heavy breakers on east beach.
		Completed 6 HP. Eng House. Began setting for Pump.
		Contd laying pipe. completed laying roofing on Warehouse Office Tools Hs etc.
		Had to lash all loose material at camp.
		a few boards 1x12 blew from pile to the water.
		Storm completly covered up gravel pit. tore out the tram on east beach. & we finally got everything off the beach without loss.
		P. M. Storm continues to rage with fitfull rain. we put heavy shores on office building.
		Took several exposure of the storm & some on Roll # 4 & 5.
		Storm cut away about 3 feet of east beach.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July Wed.	7	Weather moderated but heavy swell. westerly wind.
		Extending tram to beach again where it was torn out.
		Began decking gravel bunkers and erection of engine house over 9 H.P. Hoist.
		Erected Pump & Engine House at sump for 2 H.P. Engine & Pump.
		Cont'd Piping to camp and connecting pump.
		Cont'd excavation of Fog Signal & Dwelling foundations
		Cont'd screening sand. find that southeast storm had deposited a quantity of fine sand along the east beach.
		Work progressing favorably.
		Both hoists in operation. D.
July 8 Thurs.		Weather clear & bright Westerly breeze.
		Began extension of track to gravel pit.
		Cont'd to work on installation of Pumping Plant.
		Completed " " erection of gravel bins
		Erected a small house on gravel bin for cement.
		Hoisting lumber and sand and steel.
		Made a crossover to raise cars high enough to pull long loads up the hill trame at invert curve at bottom
		Cont'd screening sand. and Fog Signal & Dwell Excav.
		D.
July 9 Fri.		Weather fair & bright Westerly breeze.
		Watson passed So. bound at 9.30 P.M.
		Cont'd Fog Signal & Dwell Excav.
		Began erection of bents & chutes for carrying & distributing concrete to structures.
		Completed Water Lines & Pumping Plant.
		" extension of gravel track.
		Cont'd Screening Sand & hauling material to hill.
		grading working space east of Fog Signal for Stor Yard.
		D.

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July 10	Sat.	Weather clear & bright westerly breeze.
		Completed erection of bents for distributing chutes.
		Contd excav. Fog Sig & Dwell. erection of brick platforms.
		Found it advisable to discontinue excavation for oil house
		untill the cistern is poured as we struck a small
		spring & loose material which necessitated heavy
		cribbing back of cistern wall.
		Made rollers for tram to guide rope around the
		curve in gravel track.
		Built a chute to deliver material from tram to
		yard alongside of Fog Signal Bldg.
		took progress pictures of work.
July 11	Sun.	Heavy Fog in A. M. Bright in P. M. Westerly breeze.
		Fuller & party staking building lines for form work.
		Boat passed westbound at 8.30 A. M. could not
		see boat but heard the whistle.
		Wrote letters & requisitions & other office work.
		D.
July - Mon	12	Weather bright & clear. westerly breeze.
		Contd Excavation of Fog Signal and dwelling foundations
		" Screening sand.
		Began excavation for spring for station
		Began Platforms walks etc for brick machine and drying racks.
		Contd installing rollers around track to sand & gravel ~~bins~~ pits.
		Made form for casting brackets under Tower promenade.
		D.
July 13	Tues	Weather clear & bright westerly wind.
		Contd Excavation Fog Signal & Dwelling foundations.
		Contd screening sand.
		" erection brick mfg. plant.
		" Exc. for spring and erection of forms.
		Began erection of forms for Fog Signal & Tower.
		Completed rollers around track & began making Concrete spouts.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 14	Wed.	Weather clear & bright Westerly wind.
		Sent Fuller and Frank Thomas to Katalla to open bids and purchase steel rails and supplies for camp.
		we are up against it for rails in footings and to reach gravel on beach. Dunkee three days overdue
		Fuller left here 5 P.M. about 7 P.M we sighted the Evans which accounts for Dunkees delay.
		Cont'd excavation of Fog Signal annex & Dwelling. experiencing great difficulty in holding the embankments back of the cistern & dwelling. ground is loose rock and a blue clay gumbo. which is very slippery. have heavy timber but poor footing.
		Cont'd erection of Forms for Fog signal. and making concrete aprons and tower.
		Completed brick platforms & shelves.
		Dokken.
July 15	Thurs.	Weather clear & bright. Westerly breeze sea calm as a pond.
		Dunkee arrived at 10.30 A. M with Lighter. containing 300 bbls of cement 10,000 ft Lumber 300 gal. oil and provisions.
		waited untill tide passed and landed at east barn.
		Began unloading at noon. & completed at 2. P. M.
		First cargo loaded & landed with cars & hoists.
		Fuller arrives at 2 P.M. with Dr Pessant & Mrs Thompson from Katalla.
		Instructed Dunkee to return at once with rails & sacks from Wingham Island.
		as we cannot proceed with the forms untill we put the bent rails in the footings
		Cont'd excavation of cistern & dwelling foundation.
		" erection of forms for fog signal & tower.
		" screening sand.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 16	Fri.	Weather clear & bright. Dunkee returns at 6 P.M with rails. but forgot to bring sand sacks from Wingham Island. Contd erection of F.S. forms, screening sand. Embankment above dwell excavation began squeezing out our timbers. spent considerable time in lagging & shoring this bank. Began hauling gravel from beach today Visitors return to Katalla on "Triton".
July Sat.	17	Weather warm & bright no breeze. Contd excavation of F. Signal annex & Dwelling Foundation. Contd screen sand & hauling bbls & ~~sand~~ gravel to hill Began bending & placing steel rails in Fog Signal Footings. About 3 P.M. the pressure on the timber in back of cistern forced the bottom of our posts out and the bank caved. leaving our ga bins & mixing plant in a dangerous condition as the entire embankment is squeezing. at the same time we had a heavy cave back of the timbers in the dwelling foundation Worked untill 11 P.M. replacing the timber & shores so the danger was over to our plant. Had to stop using the 9 H.P. Hoist except for timber.
July 18	Sun	Weather clear & bright. Worked untill 10 P.M. completing the timbering under embankment back of cistern. I am satisfied that I have every thing secure. Also completed placing the steel rails in Fog Signal foundations. so the carpenters could work to an advantage.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July	19 Mon.	Weather clear & bright.
		Cont'd. lagging cistern excavation & excavation.
		Cont'd erecting forms for F. Signal.
		" Screening sand & hauling gravel.
		Doubled up the gravel haul to two shifts as I expect to be ready to pour concrete in a few days.
		Work well in hand & proceeding as rapidly as possible consistent with good work.
		Dohrer.
July	20 Tues.	Weather Cloudy westerly wind.
		X ~~Continued~~ Completed excavation of Fog Signal, except found'n house, did not work on dwelling foundation except to stand some timber.
		Split the crew & hauled gravel in two shifts, hoisted 47 yards including loading, hauling and storing in bunkers.
		Continued hauling sand and screening on beach. sand is getting very scarce. we now have about 125 yards in bunkers.
		Continued forms for Fog Signal completed hanging concrete spouts and already to concrete. waiting on forms.
		Backfilled the spring and began concreting the sump for the pump.
		Owing to the continued dry weather, water is not exceeding the camp use and evaporation.
		Work is progressing rapidly.
		Dohrer.
July	21 Wed.	Shifting winds, cloudy & foggy.
		Continued forms for Fog Signal.
		" Excav. Dwelling and setting timber in place for forms. removing legs in foundation & shoring.
		Cont'd screening sand and hauling gravel.
		Connected, 6 H.P. Engine ready for beginning mixing.

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19 15. MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Worked the carpenters three hours late today as we are sheathing forms & want to pour as soon as possible on account of the shrinkage in the lumber. Have the bunkers nearly full of sand & gravel. D.
July 22	Thurs.	Easterly wind. some surf. cloudy. Contd excav. dwelling. Screening sand, hauling gravel. Forms for fog signal. worked carpenters 3 hrs overtime due to fact that the sheathing will shrink in dry weather & to provide work backfilling as soon as possible for crew. of laborers. Durkee arrived at 5.30 P. M. landed with lumber steel rails, tile & sewer crock. and miss hardware and pipe. no cement or steel, which will delay pouring concrete back of signal or above dwelling footings. Quite a swell running at east landing unloaded complete in 1 1/2 hrs. moved material to yard in 3 hours. Left. Sacker, Wakeberg, Sophias Charley and Holman go in this trip. Dohrer.
July 23	Fri.	Easterly wind, cloudy & threatening. Truing forms & wiring, oiling ready for steel in Fog Signal & Dover foundations. Continued Excavation for dwelling, screening sand and hauling material. Poured a bracket. extended pump suction & repaired spring, which leaks below foundation. Began screening gravel for walls. Owing to lack of material. will not begin pouring till Monday. Dohrer.

Evans passed So. Bound this A. M.
Durkee arrives with telegram from Sinkham 6 P. M.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 24	Sat.	Westerly wind, cloudy choppy sea. Continued erection forms fog signal, excavation dwelling screening sand. Began screening gravel, and grading east tram to a permanent grade & placing steel in forms for fog sig. Have forms about complete steel placed in front wall of fog signal. excavation for dwelling complete except footings. Duke arrived with telegram from Trickham approving plans Storage Bldg. Boat passed So Boundat noon. Dobson.
July 25	Sun.	Westerly wind choppy sea. cloudy. No work today except kitchen.
July 26	Mon.	Westerly wind clear. Continued forms F. Sig & Tower, placing steel in same " Excav. Dwelling, timbering. bank which is continually crowding in. especially on corner near gravel bunker. which we had to shore today as it was slipping down hill Continued screening gravel and filling embankment on east tram.
July 27	Tues.	Began concreting. Fog Signal & Tower worked untill 10 P.M. placed 96 batches from mixer. each batch containing 9 cu ft of aggregate & 1½ sacks cement. Mix 1-1¾-4¼. Poured first foundation of Signal & Tower up 5 ft high. Cont'd placing steel in forms. and using crude fuel oil on forms. Cont'd Exc. of dwelling " Grading East Tram.
July 28	Wed.	Weather clear & fair westerly breeze. Cont'd pouring concrete Fog Signal & Tower. Placed 143 batches

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Dunkee arrives 2.30 P.M. with cablegram for R.K.7
Contd.		Contd. Excavation dwelling. Completed screen sand.
		Began excavation for cesspool & sewer.
		Locating cesspool east of Pump Engine House.
		Began building sponts to four dwelling foundations
		Contd hauling materials to hill and grading east barn.
July 29	Thurs.	Weather bright westerly breeze.
		Contd concreting F.S. & Tower. Poured 105 batches.
		Run out of water. both tanks empty.
		Hauled sand and other material.
		Put two men at work today damming sulphur spring up the beach & piping it to present flume for water.
		Contd excavation of cesspool & sewers up hill to F.S.
		" " " dwelling foundation.
		" spouting to dwelling for concrete.
July 30	Fri.	Weather clear westerly breeze.
		Completed pouring F.S. & Tower Foundations 114 batches.
		" excavation for dwelling foundation.
		Contd excavation cesspool & sewers.
		Caulked both water tanks. now have all the water we can use.
		Began forms for dwelling foundations.
July 31	Sat	Weather cloudy, occasionally rain.
		Poured footings for Storage Building except back of cistern footings. as we have not excavated as yet for oil house footings. 30 batches.
		Continued excavation for sewers & cesspool.
		" forms for dwelling foundations.
		" grading east barn & hauling materials.
		All concrete in first four now in place.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
~~July~~ August 1	Sun	Heavy S. E. weather & heavy rain. no work today.
Aug. 2	Mon.	Weather S. E. & rain. Owing to the heavy rains the embankment back of dwelling began to run out under the timber & the bank settled. at 3.30 A. M. it broke the timbers & ½" steel cable & caved in. back as far as the office steps. We began to replace the cribbing & worked a short time overtime to secure it safely. The embankment broke one heavy timber & 2-6×6 fir sticks held in place with heavy sprags. Discontinued dwelling forms which were all broken. laid tile drains around storage bldg. & backfilled cistern footings inside with gravel & grouted same in place. Contd excavation of sewers & completed exc. of cesspool. began hauling gravel. for next pour.
Tues Aug 3		Weather clear westerly breeze. Put carpenters at work excavating for engine foundations. & began form for Tower. leaving present forms undisturbed. all tho concrete is set hard as nails. Contd excavation of care at dwelling & retimbering same. Continued exc. sewers & hauling gravel. Began laying main sewer.

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Aug 4	Wed.	Westerly wind. Fair.
		Began erection of forms for cistern. excavated for engine foundations.
		Cont'd. timbering cave in at dwelling. & etc. same
		" Exc. Sewers & drains. hauling gravel.
		changed gravel pit to west tram & laid track to same
		Bent rails for dwelling footings.
		Handicapped for lack of work to go ahead on.
		cannot erect dwell forms yet. nor fog signal
		until we strip.
Aug 5	Thurs	Westerly & shifting winds. Fair.
		Began stripping footings on shot wall & laying drains
		around fog signal.
		Began erection of forms for Tower & cont'd erection of studding
		in storage bldg. & engine foundations.
		Cont'd timbering dwelling cave in & excavation.
		" screening & hauling gravel.
		Put in a dead man for landing lighters head line east tram
		Cont'd laying sewers. Weber.
Aug. 6	Fri.	Easterly wind & rain squalls.
		Began stripping forms fog signal & tower.
		Cont'd laying drains & sewers.
		" excav. & timbering dwelling fd.
		" Forms Storage bldg & Tower & engine foundations.
Aug 7	Sat.	V Easterly wind & rain. Evans
		Cont'd forms Eng fd. & Tower.
		" excav. Dwelling Cave & timbering
		Completed stripping forms F. S & Tower.
		Cont'd. laying drain & began backfill sewers & F. S. & Tower.
		Murkee arrived at 2 A. M. laid at anchor west of camp
		inside of ref. landed at east tram at 8 A. M.
		Began unloading at 9.30 Completed 12.15.

Contd. Sat had time to keep a runway to reach to land cement on account of swell & wind.
We had heavy rain squalls which handicapped unloading cement. After the scow left in the P.M. it began blowing up a southeast storm with heavy rain. we were fortunate to have everything under cover.
Cargo consisted of 200 bbls cement which was badly sacked in old patched sacks & there was considerable loss to this cargo probably 20 sacks.
Most of the steel arrived some cast pipe groceries, meat & oil.

D.

Aug 8 Sun. Weather S.E. wind & rain heavy sea breaking.
Contd Excav. of dwelling cave as wet weather makes it impossible to complete the timbering
Had 3 men laying drains & backfilling inside F.S. so we can get at the forms for F. Sig. as it is there is no room to work in there & I have no other place to work the carpenters.

Dohren

Aug 9 Mon. Heavy S.E. Gale & rain
Began erection forms Coal House storage bldg & contd forms cistern & tower.
Backfilling Fog Signal inside & laying drains & sewers.
I tamped all backfill inside Fog Signal bldg.
Contd screening gravel & hauling timber.
Began bending steel for retaining wall of dwelling.
Bank caved in on east side of Fog Signal & storage bldg. due to heavy rain. very little damage.
Contd retimbering & excavating dwelling cave in at 8 P.M. the double 1/2" steel cable broke & the heavy girt holding the vertical timber & lagging begin to take a very heavy strain. this stick is 18" in diameter

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		and 65 feet long well anchored in both banks dead man fashion. Immediatly restrung cables to it & put in an 8X8 sprag against the center. and two individual cable anchors uphill to stumps well twisted together. there are 3 wraps around the timber & stump. ~~also~~ each guy line and two guys. this makes 6 pcs of 7/8" steel cable holding now plus the 8X8 in front.
		The entire hillside is saturated with water so that the embankment is like a mass of wet mortar which exerts a very heavy stream against our lagging. But I feel sure now of holding it.
Aug 10	Tues.	Heavy southeast storm with heavy sea & rain.
		Cont'd backfill inside Fog Signal Bldg.
		Cont'd forms Fog Signal walls & storage bldg.
		" excav. dwelling cum in. wet weather is playing hob with our embankments. heavy stream back of cistern and dwelling crib'ng. a heavy stream of water is coming from dwelling embankment.
		Also continued screening & hauling gravel.
		Peter Kelaney took very ill last night on account of a rupture coming out of place. better tonight.
		Berg & Mr Kloral both on sick list.
		Weather does not seem to affect the progress of the work but little. the place is a regular sea of oozing mud. very miserable to work in & rather dangerous getting around bad places on account of its slipperyness.
Aug 11	Wed.	S.E. wind most of day fair. heavy S.E. again tonight and heaviest rain we have had yet.
		Continued forms for Fog Signal bldg. began cooling tank & storage bldg walls.
		Cont'd backfilling inside & front of signal bldg.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 11 Contd.		Last night the embankment east side of the storage building caved in on the forms of the cistern & coal house. I began excavating & retimbering this today. Grouted pipe for exhaust thru seginal foundation. Continued bending steel for cistern & coal house. D.
Aug 12	Thurs.	Heavy S.E. storm raging. worked till noon today and kept one crew at work on retimbering the east side of storage bldg. and began digging sewer thru dwelling excavation & embankment as there is a foot a more of water in excavation. We braced all forms now up and lashed lumber & got everything to safe places. Sea has washed out an dead man on east beach which was put down 8 feet deep. has washed away about 6 feet below our trave grade east beach. Watem passed westbound 7 P.M in heavy sea & fog.
Aug 13	Fri.	Heavy S.E. wind & heavy rain squalls. big sea on. Northwestern passed So. Bound 11 A.M. Contd Forms. Storage building and turning engine foundations Began placing steel in storage building. Completed cleaning up cave on ~~we~~ east side storage building and put in temporary timbering & lagging. Strengthened cribbing back of cistern & took out the sprag on the cistern side Hauled up sand from the beach. as there is a quantity of fine sand thrown up by the storm. easy to get. just shoveled in cars & hauled to bin. needs no screening. Completed sewer & trimming dwelling excavation today and the trench thru the bank is carrying a 3 in pipe full of water from the excavation. We are up against it for steel cistern fittings and details of buildings so we cannot go ahead.

Exposed #9-10-11-12 Film Pack #8.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sat Aug	14	Heavy S.E. wind & sea. rain. Continued forms for cistern, engine foundations " backfill & excavation for sewer tower to dwelling. completed excavation for ash pit areaway Began excavation for retaining walls & pier of oil house. Cleaning form lumber etc.
Aug	15 Sun	S.E. wind sea not so bad today. rain. Hunter arrived 6 P.M. left 10 P.M. brought lighter with 200 bbls cement, steel & russell hardware & groceries. landed on west beach. & discharged to beach. rain held off till 2 A.M. when we completed storing the cement in the warehouse & the steel etc in a safe place from the sea. Finkham arrived & we went over the missing data & got things straightened out in general. When we completed the storing of cement the crew were all in. as it was very hard work packing up the beach in the loose gravel. Finkham left for Cordova. Also the following men who I laid off. Mapes, McDonald, Hansen, Woodford. Smith, Blake Heloney. Also placing steel & bending.
Aug	16 Mon.	Cloudy, S.E. wind & rain squalls. Completed engine foundation forms cont'd. placing steel & bending bars. cont'd forms cistern & excavating sewers laid track along west beach for gravel. Everything sliding along nicely now.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 17	Tues.	Weather cloudy - some rain westerly wind.
		Boat passed so bound 11 A.M. not regular.
		Began erection of forms for Fog Signal walls.
		" " " " " Dwelling footings.
		Poured the engine foundations. poured {8 actual hrs. 2 hrs} completing forms. & greasing 48 batches. 72 sks. cement.
		Finished water table of Fog Signal
		Trimmed excavation for dwelling & lowered front footing 1 foot. for better foundation.
		Hauled steel lumber to hill. bending steel for Fog Signal & Dwelling Retaining wall.
		Placing Steel in storage bldg.
		Work went along with a good swing today. walls forms for Fog Signal & Dwelling footings going along rapidly.
		In pouring engine foundations it took two hours to get trimming on forms & get mixer & chutes ready. began at 10 A.M & completed at 7 P.M.
		Mixed 1-1½-4¼. used 72 sacks cement and poured 48 batches.

Yardage.

9.25 Length base
3.15 width "
29.14 sq. feet
5.5 deep
160.27 cu ft in base

2.1 width
1.1 depth
2.31 sq ft
9.25 Length.
21.37 cu. ft Top.
160.27 " " Base
181.64 cu ft in north engine fd. = 6.74 cu yds.

add .52 c.y. for so Eng. fd.

So. Engine fd. 7.26
Total 14.00 cu yds both engines.

72 sacks cement = 18 bbls. = 5.14 sacks per yd = 1.28 bbls per yd

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 18	Wed.	Weather Rain & easterly wind. Cont'd forms for dwelling etc. Cont'd forms F. Signal walls. tuning up coal house forms placing steel & laying a drain from under the cistern floor as the water is forcing up. Began the excavation under the gravel bunker for the retaining wall of the Oil house & the short foundations back of the cistern. Cont'd screening & hauling gravel for concreting. At 3 P. M. the timbering in the rear of the dwelling Excavations gave way & let in about 25 to 35 yards of blue gumbo mud. we immediatly began retimbering working all night long. I began back filling the timbering with gravel at 5 A. M. as I feel sure that the water in the embankment will discharge more quickly & not force out ~~the~~ timber. The banks were in a very dangerous condition while timbering the blue mud kept continually oozing out & sluffing in. but held untill we got the timbering & gravel in. During the night the embankment we dumped out of the excavation slid down the hill & dislodged our big Fuel Oil Tank. Luckily it did not break the pipes, so we lost no oil.
Aug 19	Thurs.	Weather cloudy. westerly wind. ~~Bunker arrives~~ Continued forms on the Fog Signal walls & Dwelling footings. placing steel in storage bldg. excavation for oil house & placed the balance of the timber in the dwelling Excavation. Today we also placed the heavy timber

to support the gravel bin while we excavate and build the Oil House.
Cont'd hauling gravel for backfill and taking down overhanging boulders in the Dwelling side bank loosened by the cars.

Fri. Aug 20 Cloudy & westerly wind.
Murkee arrived about 10 A. M. bringing Mr. Finkham, Mr. & Mrs Paggant & Mrs Thompson. also the angle iron missing from shipment.
Cont'd forms F. Signal, dwelling, placing steel in cistern & cooling tank & dwelling ftg.
Cont'd hauling screened gravel bending steel for reinforcement.
Cont'd excavation for oil house & timbering.

Aug 21 Sat. Rain & cloudy. little wind from east.
Watson passed so bound at 10 A. M. passing the pinnacle 3 min & 10 seconds.
I put all the carpenters at the dwelling foundation forms & pushing these to a finish ~~today~~ working 10 hours.
Sent a crew to beach east of white stone for logs for timbering.
hauled gravel, laid the sewer thru the dwelling excavation, put up sports for pouring the Dwelling footing.
Cont'd excavating for oil house foundations.
" bending steel for cistern. extra men free.
The embankment back of dwelling excavation began discharging the lagging & earth. due to excessive rain.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 22	Sun.	South east gale & rain, heavy seas. Poured the footings for the dwelling walls up to the floor offset except the retaining wall. cleaned up this footing. Framed and placed a big timber truss horizontal to stiffen the timber girt top of excavation & to lag the caved bank in rear. Placed 16 yards in footings today.
Aug 23	Mon.	Heavy S.E. gale & heavy seas from S. E. & westward. which began washing out our tram on the west beach. we tore this up and put it above the reach of the water. Began raising the form for the dwelling retaining wall. began the top form of the cistern. & chipping off the Signal wall to water table to break color line of concrete due to two brands. Dug the cutoff trench thru the footing of the Dwelling retaining wall. Contd excavation for out house. & timbering. bank on west side of cistern began caving today. we stopt this. Work progressed favorable in spite of weather. Also completed pouring the Dwelling footings.
Aug 24	Tues.	Heavy S.E. Weather & Rain. Heavy Seas. Contd forms Coal Hse & Cistern. Retaining Wall Dwelling. Began placing steel in Ret Wall Dwell. Had cave of embankment West wall of dwelling, excavated the cave & retimbered same. Put heavy shore against big girt back of retaining wall. Hauled sand from stock pile, laid sewer from dwell thru bank & covered same. Laid drains in dwell & sewer connection for dwelling. Cut lagging and firewood. gathered some sand on beach.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 25	Wed.	Heavy Southeast storm & rain. Continued forms for retaining wall & for Dwelling, forms cistern & Coal Bin, Excavation Oil House, Screening Gravel and hauling to bin. placing steel in Dwell retaining wall. Completed chipping concrete above water table & tower to break the color line between foundation & walls.
Aug 26	Thurs.	Heavy S. E. wind & rain. Contd forms. Dwelling Retaining Wall, Coal Hse & Cistern Storage Bldg. Placing steel cistern & dwell. retaining wall. excavation for Oil House & timbering same. Screening & hauling sand & gravel. Preparing concrete spouts to pour dwelling. bracing forms etc. Durkee arrives 4 P. M. wind blowing quite hard. Left at 5 P. M. with Mr. Linkham, Mrs. Thompson & Paysant.
Aug 27	Fri.	S. E. wind & heavy rain squalls. Put all carpenters on Dwell Retaining wall completed most of forms. & all steel. began pouring platforms & spouts. Stripped Engine foundations & cleaned up Signal Bldg. Contd Excav. & Timbering Oil Hse Excavation. Completed haul gravel & sacking sand. Bending steel & placing in Cistern. Uncovered Cesspool ready to concrete same. A Boat passed out of Katalla So. Bound. 7 P. M. Dohrer
Aug 28	Sat.	S. E. Gale beginning at noon rain began 4 P. M. Completed Dwell Retain Wall. ready for pouring. stripping footings in Dwell for lumber. Grading front Fog Signal and contd excav. for oil house & timbering same. screening sand. sent in A. M. for raft of logs above big stone. Storm came up

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		they lost the raft & came in.
		Tested oil in mist found it ok. pouring cold.
		Contd placing steel in cistern
		Work progressed rapidly today. no rain most of day.
Aug 29	Sun.	Pouring Rain Storm in A.M. Fine weather in afternoon.
		Intended to pour retaining wall this A.M. got up at
		3.30 A.M. Pouring rain, but no sign of let up, so decided
		to spend Sunday resting up.
		Clerk arrived at 5.30 P.M. with groceries & steel bender & brick & pallets
		30 bbls cement. & night gas lights.
Aug 30	Mon.	Fine weather. began pouring retaining wall for
		Dwelling at 4.30 A.M. poured continously
		untill 1.30 A.M. Mixed 161 batches, used 254 sacks
		cement. Mix 1:1¾:4¼. using screened gravel.
		No delays or set backs. Used 2 men wheeling sand
		& gravel & jacking cement to mixer, one mixer man. one man at
		hopper who takes his turn wheeling to forms. 3 men
		tamping or puddling concrete in forms.
		After pouring to first floor level. moved the
		hopper outside, staging above top of forms &
		used 1 hopper man, 2 wheelers, 4 placers.
		3 men at mixer.
		Northwestern passed so bound about 9 A.M.
		Edith passed So Bound about 10 A.M. heard later
		she was wrecked & sank 40 miles east of here.
		tug boat passed so bound with light tow 10 A.M.
		Passenger boat passed north & west bound at 11.30
		P.M.
		Dahner.
Aug 31	~~Mon.~~ Tues.	Westerly wind & fair in A.M. Easterly wind & rain P.M.
		Continued forms storage bldg. & coping & water
		table from top of Dwelling Retaining wall.
		backfilling foundations inside dwelling.
		tamping same in well.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Laying sewer in Fog Signal bldg.
		Hauling sand to bin. gathering all stray
		lumber around the fat.
		Contd placing steel in cistern & bending
		for Oil House.
		Contd excavation of Oil House.
		Hunter arrived 2.30 P.M. with brick machine.
		800 B.M of 2X4 from Katalla. sacks from
		Wingham Island. sheet steel. moulds for
		lintels etc. & fittings for hot water tank & wire.
		Also news that the Watson & Edith had sunk.
		& the Farragut would take her place.
		Mrs Payzant returns from Katalla.
Sept 1	~~Tues.~~	Heavy S.E. Storm wind & rain.
	Wed.	No work today. wind swept in directly to hill & things
		blew up in general pretty bad. impossible to sleep
		last night or work today. spent the day making
		sketches & o.k. ing bills & correspondence
		Dohren.
Sept 2	~~Wed.~~	S.E. wind heavy sea. rain squalls.
	Thurs	Put coping form on retaining wall of dwelling.
		Bracing forms coal house & continued wall forms Fog Sig.
		Continued placing steel cistern & excavation of
		oil house, hauling gravel. back filled inside
		of footings front half of dwelling.
		Placed brick machine & tested same & experimented making bricks.
		Made 36 brick today. Mix 1:4.
Sept 3	~~Thurs~~	Windy & rain squalls heavy sea from S.E. & S.W.
	Fri.	Poured the coping for dwelling retaining wall.
		Placed 5 3/4 batches used 9 sacks cement.
		Contd forms Fog Signal walls, began west side wall forms
		dwelling. ~~&~~ began placing steel in Fog Signal walls.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Completed sewer in fog signal bldg. & tower
		Contd. excavation & timbering oil house rear of cistern.
		Contd hauling gravel. & manufacturing brick.
		built chute from mixer to mix for brick.
		Mixing by hand, two men. used 4 sacks cement.
		Mix 1:3 - mfg. 371 today total to date 407 C.B.
		Wolter.
Sept 4	Sat.	Clear & bright, easterly breeze. little sea.
		Freighter passed so. bound at 6. P. M. first boat we have seen since Monday night. account weather.
		Continued forms Fog Signal & Dwelling walls.
		Completed west wall dwelling wall & outside form of east wall of fog signal. graded & put in form for chase slab. in Tower.
		Experimented with form grease & found by mixing 10% of crude oil with parafine. we are able to coat the forms successfull.
		Put two men greasing forms. & completed steel in north wall of Fog Signal
		Contd excavation for Oil Hse Footings & lagging same.
		As there is considerable good sand on the beach put 3 men gathering & sacking same. secured about 10 yards.
		Blacksmith bending 7/8 steel for Oil Hse Retaining wall.
		Mafg. Brick today with Mixer, using 1 man at mixer, one mfg brick & two helpers.
		Got real good common brick today.
		Used 15 1/2 sacks cement. Mixed 1:3 Com Brick.
		Made 1030 bricks a total of 1437 to date.
		Cost help 16.00 for labor. or 15.544¢ per thousand.
		Had one man wetting bricks & Covering with tarpaulins.
		Wolter

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept 5	Sun.	S. E. Wind & Rain.
		Steam schooner passed toward Katalla 11.30 A.M.
		Freighter, probably Seward, So. Bound 6.30 P.M.
		Placed form & steel in slab inside of Tower & poured same today.
		Completed part of the forms of the Fog Signal and greased forms to the S. E. Cor. of F. Sig & cleaned & washed down walls & forms & made platforms & chutes.
		Continued excavation & timbering oil house excavation
		Continued making Common Brick & Piling the set brick.
		Used Mix 1:3 used 18 3/4 sacks cement. made 1408 Com. Brick a total of 2845 to date.
		Used a solution of Kerosene & water & purged the face plates with this each time used & worked very well.
		Mixed concrete for slab 1:1 3/4:4 1/4. made 6 batches used 9 sacks cement.
		Dohrer.
Sept 6	Mon.	Labor Day. S.E. Wind & Rain.
		Poured concrete in Fog Signal wall from center of Large Door in west wall to center door in north wall.
		Took 3 hours work mix 1:1 3/4:4 1/4. Poured 19 batches, used 28 1/2 sacks cement. Two of the studding on the inside began to break letting the inner wall bulge slightly before we got braces at the weak point. outer form held.
		Made concrete bricks in P.M. mix 1:3. Made 400 Com br. used 6 1/2 sacks cement. Total 3245 to date.
		Yarding brick in P.M.
		Completed Excavation & timbering for oil house.
		Began forms for areaway, ash pit F. Sig. contd.
		Forms Fog Signal Walls & placing steel
		Contd Forms Dwelling walls.
		Gathering sand on beach, screening & haul. gravel.
		Bending steel Oil House Retaining wall.
		Dohrer.

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F. J. Dohrer
Foreman.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept. 7	Tues.	Westerly Wind, Clear & bright in P.M. First time we have seen the sun in several weeks. with a treat at eve. a golden sunset. Continued forms Fog. Signal walk. began placing sheat lead for flashing over coal bin roof. Summed excavation for Ash Pit Areaway. Continued forms for Dwelling walls Contd manufacturing brick. broke one of the Cast Hooks at 2 P.M. Piled brick the balance of the time. while the blacksmith repaired the break. Used 10 sacks cement. mix 1:3. made 615 C. Br. a total of 3860 to date. Made a new charging & scraping hopper to strike off the excess material. expect quicker work when finished. Yarded 2735 brick to date. At 9 A.M. the fishing schooner Idaho passed out from Wingham Isl: at 11 P.M. a steam schooner passed out of Katalla So Bound. at 2 P.M a steam freighter passed the Cape West Bound. Screened & hauled Sand & Gravel & cut camp wood.
Sept 8	Wed.	Westerly breeze. no sea. bright & clear. Began erecting forms front wall of F. Seig. " " " footings Oil House & Pet Wall. Placing steel in cistern & bending for Ash Pit. Placed chutes & platforms ready to go on the Dwelling wall forms. as far as lumber will permit. Finished lead sheathing F. S. & Coal Bin Roof. Laid drain Ash P areaway. Contd Mfg Brick, used new stricken in P.M. Used 2 1/2 sacks cement. mix 1:3. made 1485 C. Br. a total of 5345 to date. Yarded 1000 today

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Erected a sleeping tent back of office for Linekeeper. D.
Sept 9	Thurs	Weather clear & bright, westerly breeze. used 11 3/4 bbls cement. Mfg brick untill. 11. A. M. Made 750 Com Brick in 3 hrs. mix 1:3 Total to date 6095 C. Br. Piled brick, wetting & covering balance of day. used Carson concreting. Began pouring Signal wall & coal bin walls & tank room walls at 11. A. M. Poured to within 8" of bottom of slab, except Portion of east wall. which I poured to center of window and to top of wall. worked 6 hours. at this continuous used mix 1:1 3/4:4 1/4, mixed 43 batches, used 64 1/2 sacks cement. Poured a grout of 1:2 on old walls for bond. Had a crew filling gravel embankment east train grade. Cented forms front Signal wall & oil house foundations. Placed steel in west wall of dwelling & put in stops ready to pour. Bending steel in shop. & placed steel for ash pit areaway.
Sept 10	Fri.	Westerly wind. chill & cloudy. Poured the Dwelling walls as far as forms are complete. which are about half of the walls, except the retaining wall. which is allready done. Poured here 7 hours, used 40 batches & 1/2 batch of grout, which was placed on wall first & concrete followed right after. used 61 sacks cement. Mix 1:1 3/4:4 1/4. Poured the floor slab & footings for ash pit areaway. Time 1 hr. 4 batches 6 sacks cement (Olympic.

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Lohrer
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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		no brick manufactured today. but piled the entire lot cast + set on shelves.
		Cut wood for camp today.
		Hauling gravel in fill east trans.
		Extended 6" sewer from cor of Fog Signal for about 30 feet toward Dwelling so I could close the ditch.
		Continued forms front wall of Signal Bldg. also footings + side wall oil house + beam under fuel oil tanks.
		Continued bending stuff for Fog Signal + cistern.
		Work is progressing rapidly.
		Also took out back bracing of Dwelling Retaining wall. took pictures of pour today. exposed first four films Pack # 12
		Admiral Farragut passed in Lohrer. at 9 P.M. to Katalla.
		Yarded 2975 brick today a total of 6710.
Sept. 11	Sat.	Weather cloudy. ~~cas~~ westerly breeze.
		Dunkee arrived at 8 A.M. with lumber + groceries. in launch. Mrs. Thompson. who returned to Katalla.
		Continued forms Front Wall F.S. began inside forms cistern. replacing wires with heavier.
		Began form of Oil House Retaining Wall.
		Mixg Brick today. Mix 1:3. 30½ batches - used 30½ sack cement - worked 8 hrs. made 2145 Com Brick. a total of 8 240 C.Br. to date.
		Vessel passed west bound at 6 P.M.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept. 12	Sun.	Westerly Wind, Cloudy, Heavy Sea.
		Owing to the fact that my sand bin is about empty, the stock pile over half gone, I had most of the crew at work gathering & hauling sand from the west beach, near the tram, which is being thrown on the beach by the heavy seas.
		We gathered & hauled to the bin, 32 cu yards.
		Also 7 yards of screened gravel.
		Completed placing steel in front signal wall & completed front form & outside bracing.
		Continued forms inside cistern & placing outlet pipes.
		Continued forms. Retaining Wall, rear of oil house.
		Began stripping rear of Dwelling Retaining wall, which is now two weeks old.
		Working today puts me in good shape for material the coming week.
		Did not work overtime today. Checked bills & correspondence today.
		Dohrer.
Sept. 13	Mon.	Weather cloudy & misty, westerly wind, heavy seas.
		Completed forms Fog Signal walls.
		Continued forms of cisterns. & placing outlets.
		" " & raised studs Retaining wall Oil House.
		Stripped rear of Dwelling Wall. it is a perfect job. no defects in a single place. smooth & true as a die. This wall is an excellent piece of work & a great credit to the men who built it & formed it.
		Yarded Brick today 1910 in A.M in P.M.
		Mfg Brick today. used a mix 1:2 with fine sand. made 46 batches used 46 sacks cement. mfg. 2620 brick today a total of 10860 to date.
		Brick turned out exceptionally well today.
		Relumbering the front of the bunkers so I can remove the front supports. as they must come out to get in the forms of the Oil House behind the cistern.
		Heavy sea running today especially on west beach. where it buried our track again.
		Dohrer.

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F. J. Dohrer, Foreman.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept. 14	Tues.	Weather cloudy, westerly wind, heavy seas. Mfg. brick untill 10 A. M. while getting platforms in position for pouring signal walls. Mfg 500 Com Br. (11360 to date.) Mixed 11 batches, used 11 sacks cement mix 1:2. At 10 A. M. began pouring F. Signal wall, from center of east window to center of south double window. completed at 3. P. M. Mix 1:1 3/4:4 1/4. 30 batches, 46 sacks cement. grouted wall first with 1:2 mix. Began Tower forms & continued forms for cistern + Oil house retaining wall. cleaned south cistern footings & washed out for forms. Excavated around back of retaining wall for drains. Completed timbering the front of the bunkers. Cont'd bending steel for beams. oil house roof.
Sept. 15	Wed.	Weather cloudy westerly wind & heavy sea. Mfg. brick today. 5 3 batches, used 5 3 sacks cement. mix 1:2 - mfg'd. 2895 a total of ~~14155~~ 14255 to date. Used 2 men on mixer; 3 Packers & 1 on brick machine. or a total payroll of ~~140~~ 23.50 brick cost ~~4.75~~ 7.36 per M on sacks. Cont'd forms Oil house - Cistern & Tower. Cleaning & oiling stripped forms. Waterproofing outside of Dwelling retaining wall, with crude oil and parrafine. Northwestern passed so-bound at 5 P. M in heavy sea Dunkee arrived at 7 P. M. with telegram. Kelly + McKensie put out in dory. nearly got caught in big sea. made shore safely. foolhardy to try & go out in a sea like this will not leave another go out under like circumstances again, too dangerous. Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept 16	Thurs.	Easterly wind & rain squalls. Contd. forms Tower, cistern and oil house. Laid track down west beach where the sea has throwed up ideal sized gravel. Hauled up 32 yards today for concreting cistern & tower. Cleaning lumber, setting pipes in cisterns. Most of the bunch at the gravel pit today Completed Parrafin on Retain wall & began to lay drains. Soldered sheet lead & put in Tower Form for flashing.
Sept. 17	Fri.	Weather fair, westerly wind. Contd. forms Tower, cistern & shot walls oil house. Greased tower forms as far as completed. & began placing steel in oil house retaining wall. Completed hauling gravel to bin & sent some to site of cesspool. Car run away on east tram & went in the ditch. no damage. Raising & grading east tram. & stripped dwelling inside walls & laid drain inside of partition wall of dwelling. Mariposa passed westbound at 2 P.M. fishing boat off S.E. Rock all day today. Dohren
Sept 18	Sat.	S.E. Gale. getting pretty strong in P.M. Contd forms tower, cistern, completed back form & side wall of oil house & placing steel in same. Laid Drains inside & back of Dwelling Retaining Wall. backfilling inside m fbgs. & gravel drains inside & back of retaining wall. Cleaning & piling lumber.

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F. J. Dobrer
Foreman.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Admiral Farragut passed southbound at 9 A. M.
		Wind tonight is howling & shaking the tower forms pretty bad.
		Mfg brick today. lost an hour in starting owing to gravel in front of mixer as we just filled the bin.
		Mix 1:2. used 47 sacks cement. mfg 2440 C. Brick a total of 16695 to date. yarded 2870 today.
Sept. 19	Sun.	Weather clear. S. E. breeze. occasional showers.
		Continued forms on tower & cistern
		Placing steel in oil house retaining wall. and getting out steel for tower.
		Hauling gravel for backfilling drains back of Dwelling
		Retaining wall. & west wall. excavating along footings & laying drains & sewers.
		Dug footings in tower for chase slabs. & began setting forms for same.
		Pushing work on forms & steel to get tower - cistern & oil house walls & retaining walls poured before bad weather.
		Dobrer.
Sept 20	Mon	Weather clear & bright. wind shifted to westerly.
		Full moon & beautiful nights. but very chilly.
		Continued forms Tower, cisterns. began cooling tank
		Placing steel oil house retaining wall & beams under fuel oil tanks.
		Backfilling drains west wall of dwelling & removing timbering. hauling gravel for same.
		Pointed up front & east wall signal foundation & cleaned the walls from last pour of signal walls.
		Continued cistern cover forms & put in temporary forms to pour basement slabs dwelling.

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19 15 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
	Mon Contd.	Manufacturing common brick today.
		Mix 1:2, 55 batches, 57 sacks cement.
		Made 2905 brick today, total of 19600 to date.
		Steamer passed southbound at 1 P.M.
		Probably fish boat ~~of~~ or freighter
		Dohrer
Sept. 21	Tues	Westerly breeze & swell. Fair weather, rain tonight.
		Concreted basement floors in Dwelling.
		Placing steel in tower, ~~[illegible]~~ winding pilaster columns.
		Continued forms of Tower & Oil house walls & cisterns. Placing & casting in cooling tank and sheathing up cooling tank.
		Backfilled west wall of dwelling and hauled gravel for grading up west tramway.
		Klukee arrives at 6 P.M. laid at anchor for tide untill 8 P.M. & then come in on west beach below the warehouse.
		We unloaded the lighter of cement, groceries 2 bdls steel & out house ventilators completed getting to beach at midnight.
		Mrs Payzant left also Mrs Lawton & Chacen Lawton for Ketatta & Ted Cole for Juneau.
		Heavy swell running toward the last & we lost 6 sacks of cement overboard.
		Had lunch at midnight.
		~~Jim~~ Reamo Pat Lockner returned tonight from their vacations.
		Dohrer
Sept 22	Wed.	Partly cloudy, shifting breeze no sea.
		Northwestern passed so bound at 6 P.M.
		Continued forms of Oil house walls & retaining wall. Cistern & cooling tank. Steel in tower

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By F J. Dohrer
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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Hauling material from beach to warehouse & filling west tram grade. Took 3 men & myself & proceeded to the blinker on the Pinacle. Installed the double flasher & got it in sucessfull operation. removing the old lamp. tested all piping with soap suds & no leaks found. Left it burning in good order at 4.30 P.M. Had a good dinner of roast ducks. the kind compliments of Mr James Rison. Dohrer.
Sept 23	Thurs	Threatening weather in A.M. Southeast gale broke in afternoon & by night it has developed into the worst blow yet. Temperature A.M. 56° P.M. 51° Halibut schooner fishing in A.M. off S.E. rock. ran for shelter after lunch. toward Wingham Island. Sighted schooner S.W. at noon with sail, probably running for Katalla. Wanted to go out to see how the double flasher was working. impossible on account of weather. heavy seas breaking from the east on Pinacle Rock. Had all the carpenters at work on the storage building forms today rushing them thru. worked till 5.30 when the wind became too bad & we quit. Put men to work greasing the forms before it rained & began putting floor steel in oil house & coal house slabs. Hauled gravel to site of cesspool. and lumber and other material to hill.

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19 15 MONTH | DAY. | RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.

Thurs Contd. Manufacturing brick today.
Did not change the mix, as I could not work men on the beach today on account of wind.
It will be necessary to screen the coarse sand as per specifications, as I have none in stock.
Mix for brick 1:2 - 46 batches - 46 sacks cement.
7 hrs. made 2340 today, total 21940 C. Br. to date.
Started to lay the finish on the Dwelling basement floor today. Mix 1:2. floated. stopt account weather. Mixed 6 batches total of 6 sack cement used. (Cement used today 52 sacks)
heavy S. Easter + rain tonight. made the rounds of the job at 9 P.M. every thing intact yet, but looks bad.

Sept. 24 Fri. Wind switched to S. West this morning & blew outside, but fairly calm ashore. Stopt blowing inshore in afternoon. Very heavy sea running. and at high tide broke on both beaches & pinacle very badly.
Last nights storm tore out a large tree in front of the blacksmith shop & fell across the shop. breaking in the roof. Cook slept near front door of mess house last night. Wind tore off the tar paper roof on the south side of the warehouse, & spoilt quite a number of sacks of cement.
Buildings of camp shook pretty badly. Office rocked badly, but stood the wind well.
Cut out the tree over the shop & repaired the roof also the roof of the warehouse.
Began at noon & continued forms of cistern and oil house, & placed steel over coal house roof. sheathing up inner wall of forms, oil house retain-

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By F. J. Dohner
Foreman.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		ing wall. Hauled sand to bin from stock pile. & hauled gravel back of dwelling Retaining Wall.
		Had to tear out the west trave on the beach & the sea tore out the gravel under the ties coming half way up the grade on west beach.
		Weather tonight threatening.
		Temperature A. M. 49° P. M. 51°
		Dohner.
Sept 25	Sat.	Cloudy with rain in evening, westerly wind very heavy seas breaking from S.E. & S.W.
		Temperature A. M. 49° P. M. 49°
		Completed forms ready to pour, cisterns and cooling tank and coal house roof & signal wall over coal house roof.
		Repaire the mixer engine, & replaced the gasket in cylinder head. got everything ready for to-morrow pour.
		Tore out floor forms in dwelling ready for wall forms.
		Put in forms for chase floors for signal.
		Placed steel in slab over cisterns & door frame of angle iron in Oil house. steel in wall for oil house connection with cistern including front oil house pilasters.
		Screened some coarse sand for brick & gathered sand for concrete. high tide and heavy sea prevented much of this.
		Hauled gravel to backfill back of dwelling Retaining wall.
		Have things ready to pour cisterns etc in A. M. if weather permits.
		Dohner.

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Construction

F. J. Dohrer Foreman.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept. 26	Sun	Weather in A. M. Clear & bright. afternoon cloudy, late in night, high wind from S. E. & rain squalls. Began Concreting Cisterns at 5.30 A. M. washing down & everything in order, waiting for daylight. Poured a grout of 1:1 mortar on footing & first batch placed at 6.40 A. M. Poured straight thru till 2.30 P. M. without stopping used a relief crew to go for meals. At 2.30 the chain broke, one of the links broke in two, had to shutt down. Stretched the big bunk tent over the oil house forms and prepared for the rain. which came after midnight in squalls with a very heavy S. E. wind and sea. when the mixer chain broke I had formed the cisterns complete including the slab and the beams under the fuel oil tanks to the centre the side walls to the belt course & same distance back as the beams. The beam under the front of the oil House to the floor level of the cistern slab. and just got nicely started on the coal house roof. Am removing all the concrete in the roof slab of the coal house except the beams & leaving the walls of the cooling tank & partition wall or west wall of the coal house at the level of the bottom of the roof slab. this is also the level of the beam under the front wall of the oil house. Will complete the form including the Signal Well from here. Used a mix of 1:1¾:4¼. the concrete was well puddled in place. but on account of the offsets at the lower section of the walls & for angle irons I could not mush up the face of the forms & there may be some gravel show for this reason

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		I floated the floor on the cistern slab but owing to the heavy rain storm which broke directly after finishing the floating the dripping water spoiled the finish and I will have to put some finish on it to true it up again. I feel confident that there are no bad places in the cistern as it was well placed & no steel moved & every thing came out good. all tho it was a very difficult pour, owing to the lack of room between the steel. I trestled across the front of the oil house big door, (over the roof of the coal bin) and laid timbers thru the big door to the 1 round timber back of the cistern, & laid plank for wheeling on these. this left my wheeling & placing decks entirely free from the forms anywhere & supported indep endently. Owing to the list in the bunker & the heavy load of gravel on it. the mixer was leaning back and out of ~~plum~~ level an inch. this made mixing slower, as the aggregate would not work forward as readily as usual. Evans? so bound at 10. P. M. Halibut boat from Wingham to S. E Rock & returned) Dohrer.
Sept 27	Mon,	Weather in A. M. S. E. Gale & heavy rain. in P. M. Easterly wind & cloudy. Did not work today except to repair mixer & chain. get ready to continue concreting tomorrow. Heavy Seas on both beaches, & running 30 feet high between here & pinacle where the seas meet. Dohrer.
Tuesday	Sept 28	Heavy S. E. Gale & rain. exceptionally heavy seas. Got some of the men at work on tower form, Oil house retaining wall forms and making platforms and chutes to pour oil house retaining wall.

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Owing to the rain did not pour the coal house roof today.
In afternoon had all men to work.
Continued forms oil house retaining wall, tower and dwelling.
Heavy winds hit in here occasionally but mostly sheltered by the Big Stone
Began rustling 2x4 for forms. and manufacturing some faced brick in an experimental way. The mix of 1:2:4. which is 1 cement 2 fine sand & 4 of sand thru a 1/4" screen. did not work very well.
cut it to a 1:1:2 & it worked better.
faced brick looked good. but owing to the wet weather & the rotten tarpaulins in the jul it was useless to make a run of brick.
Made 80 faced brick and 40 common.
a total of 80 F.B & 23140 C.Br to date 1 1/2 sacks cement.
At 5 P.M. a fishing Steam Schooner Independent passed the cape south bound. They got in trouble with the heavy seas about 3 miles toward Yakatat from S.E. Rock. & turned back. The boat was pitching so badly she was out of sight from the hill a great deal of the time.
She apparently passed very close to S.E. Rock as the seas which broke over the rock seemed to break on both sides of the boat.
she finally made it around the Pinache & very close to the big breakers. she anchored off the point N. West of camp. but left soon as the seas were too much for her. & steamed toward Wingham Island. It was probably the Independent of Tacoma.

Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Sept 29	Wed.	Cloudy & rain squalls - S.E. wind heavy seas.
		Continued forms tower & dwelling walls.
		also had to sheath up the retaining wall as we poured and brace the same.
		Hauled gravel from beach, cleared the buried track on west tram & laid track down beach to gravel deposit suitable for concrete.
		Screened sand on east beach. slide broke water pipe at Sulphur spring & repaired this.
		Cleaning & collecting stripped lumber for building shack at lagoon.
		Concreted Retaining Wall, rear of oil house.
		Mix 1:1¾:4¼: used crude oil to within 15" of top.
		poured side walls at same time all within one foot of roof. side walls poured to ~~with~~ first pilaster inside of oil house.
		Run 10 hours - used 59 batches from mixer.
		used 89½ sacks of cement.
		This wall was a very difficult pour. owing to so much steel and very little head room.
		Two halibut schooners passed out from Wingham Island today. probably the Independent & Star.
		one of the boats fished all day south of here.
		Made good progress today & everything run smooth.
		D. Ohrer
Sept 30	Thurs.	Fair day. S. Easterly wind shifted to S.W. in P.M.
		Seas down considerably today.
		Concreted the coal house roof & back signal wall, and put steel in and concreted the chase slab in Fog Signal.
		Broke the mixer drive chain at noon, delayed about an hour. all finished at 5 P.M. just then we got a heavy rain squall for a few minutes which speckled the finished

surfaces same. We covered the work with the tarpaulins, which are very little protection as they are full of holes. we got them up as quickly as possible.
Completed the stud sheathing of tower & began bracing same.
Made extension to pour chute & platform inside of tower to use in concreting.
Continued forms of dwelling & placing stud in walls.
Hauled gravel & sand to bin.
Packed supplies & assembled materials for the shack at the lagoon.
Good headway today.
The Ad. Evans passed S. bound at 9 30 A.M.
Halibut boat fishing just beyond Lorizin south of here.

Fri Oct. 1 Weather fair N. W. breeze, little chop. cold wind.
Assembled lumber & material for shack at lagoon.
Fuller left for Katalla. on Kustuka which I had launched & sent Ed. Hargard, Jas. Whitehead & Pat Lockner. with lumber & dory to lagoon to build the shack for the watchman.
They pulled out at 1 P.M. made good progress as far as could see. as the afternoon wore on the breeze & chop died down & I anticipate no trouble in them making it.
Hauled gravel to bins for concreting tower.
Completed the tower & braced it well with 2×6 girts completely belting the tower every four feet.
just above the fog signal I put a double girt of 2×6 & put 2 - 3/4" bolts thru the tower walls both ways. & after bracing inside & out

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drew the bolts up well. this will prevent the girts from springing in the centers.
Continued forms for the oil house and dwelling.
Had to strip the east wall F. Sig. from the window to the S-E. Corner to get studding & braces for forms now under way.
Extended the chute from the mixer & put in a solid platform inside of tower, just above the offset for the service room floor, and put on sheet iron. My intention is to run the concrete direct thru the tower & shovel it in the forms.
Dohrer

Oct 2 Sat. Westerly wind, light. Rain, hail & squalls & sunshine at times
Halibut boat fishing S-E. of Cape all day.
Sto. Ad. Farragut passed the cape at 6.16 P.M. our time which is 1½ hours fast. passed in 3 minutes observed from the top of the tower form.
Began pouring concrete in tower at 6 A.M. worked 14 hours. poured from the water table to the bottom of the offset for the service room floor & back to the center of the south window and the center of the ~~east d~~ west door. Fog Signal walls.
Poured continuously without stopping. every thing went fine. no delays, steel all stayed well in place.
Continued forms oil house walls
Completed the form for dwelling walls & put in staging ready to pour.
Had 3 men screening sand on beach today.
Sea breaking quite heavy on west beach today.
Mix. 1 : 1⅝ : 3⅜ or the same mix as before with an extra half sack cement account of the coarse sand.
used 95 batches - 190½ sacks cement.
1½ batches grout - 3 " "
193½ cem. total.
F. J. Dohrer

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Oct 3	Sun.	Weather clear. westerly wind. with rain squalls.
		Poured the remainder of the basement walls & completed these walls, this leaves only the first floor slab to pour in dwelling to complete the concrete work.
		I used an extra half sack of cement, owing to the coarse sand. used crude oil as specified to ground level. heating it good before using.
		Mixed 56 1/4 batches used 112 1/2 sacks cement.
		used one batch of grout and 2 " "
		114 1/2 sacks cement total.
		Carpenters continued tower forms & oil house. which I am rushing hard.
		Durkee arrived at 5 P.M. our time. or 3 30 correct time.
		He brought Lockner & groceries.
		I sent a lot of baggage & tools etc. with him so we would not have such a large load.
		Two halibut boats fishing east & south east of here today.
		The halibut schooner passed in to Katalla at 5.30 P.M. reported she had lost a dory with 2 men in the last few days storm.
		Lockner reports shack about complete at lagoon
		Fuller having gone to Katalla direct. Cole who was there and Haegard & Whitehead were left there & Ben was to pick them up on the return trip.
		Dr Payzant left with Durkee for Katalla.
		Worked no overtime today except boatmen.
		F. J. Dohrer. Foreman.
October 4	Mon.	Weather cold & clear N. Westerly wind & choppy sea.
		Rushing work on tower & oil house forms.
		Men screening sand & hauling gravel.
		all out of sand. & short of gravel.
		Stript the front wall of F. Signal for 2x4 & sheathing
		Tore down Tinkhams tent for studs & 2x6.

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gathered all available lumber for forms.
Began Inventory & Packing material & commissary for shipment out of here.
Arranged with Shukee to call at Cape Thursday for crew to Katalla. when he was here yesterday.
Taking inventory. & packing up commissary to ship to Veidt.
Two halibut boats cruising around today.

Wohrer.

Oct. 5 Tues. Weather partly cloudy, cold S. E. wind. rather strong especially on tower.
Readjusted the camera for focal distance.
Completed the tower forms to 1 inch above the first cornice offset & braced it. Put in wheeling platforms and dumping deck.
Began pouring the tower at 3.30 P. M. completed pouring same at 8 P. M. note our time is 1½ hours fast.
Began work at 7 A. M. ½ hour for meals.
Mixed 44 batches used 90 sacks cement.
We were bothered with the cold, strong S. E. wind. but got away with it alright.
Had all the carpenters & helpers I could scrape on the oil house today. very nearly completed same, working till 8 P. M. on it.
Screened sand today and hauled some gravel back of Dwell Retain Wall.
Gathered up lumber & tore out all 2×4 & 2×6 I could find.
Cut steel ready for oil house roof.
Expect to complete oil house tomorrow
Taking Inventory & packing up. Wohrer.

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Oct. 6	Wed.	Weather, S.E. Wind & heavy rain Completed the forms for the oil house & began pouring at noon. Completed at 9 P.M. Mixed 69 1/4 Batches used 143 1/2 sacks cement. this includes 5 sacks used for grouting old walls. The pour went very successfull and after completing I covered it all over with tarpaulins. It has rained & blowed all day, but did not rain real hard till after we completed the roof. Owing to the rotten tarpaulins I am afraid the roof will have quite a number of drip holes. The staying qualities of the crew are great. good natured and willing in every thing. but tonight everybody is tired but happy to think the job is done for the season. as it has been a tough summer & the work has been hard. but glad to say that every man is as glad to see the work where it is as I am. Continued taking inventory & stock. When we completed the oil house, every stick of available lumber on the job is in forms except about 1000 feet of 1X6 T&G. Had all drills, dies & other tools cleaned greased and put away. We had about 8 yards of sand or less and 10 of gravel left when we completed the work.

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Pat Copy your Journal in here beginning Oct 7. 1915

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Oct. 7	Thu.	Northwest wind, with heavy southeast swell. Cloudy during morning clear this afternoon Mr Fohrer and they construction gang has been ready to leave all morning. Triton sighted 11 a.m. Heavy surf, tide making. Halibut schooner Idaho passing in, Triton boarded Idaho for dory, no dory, on the beach. Two fishermen from Idaho handling dory, made ten trips for gang and bagege. All hands safe onboard at 2 P.m. No other steamers sighted.
		A Lockner J. Rison
Oct 8	Fri.	Northeast wind with rain, Passed southbound halibut schooner 11.30 a.m. Afternoon clear, and wind northerly Beach line same as usual, piling up gravel on the south side. Sighted fishing steamer off shore this noon. Been making brick all day, had some trouble with the pump this morning Pump O.K. this afternoon. Made 350 brick and shifted stationary down from the Office, and we had to fix the brick sack also
		A. Lockner. J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Oct. 9	Sat.	Northeast wind and cold this morning, shifted round to southeast with rain at noon. Making brick all day, had some trouble with the pump, packing leaking and there is no asbestos in camp. Had to take rainbow packing I dont think rainbow packing well last very long. Made to day 740 face brick Sighted during day fishing steamer Beach line about the same Look like a stormy night. A Lockner. J. Rison
Oct. 10	Sun.	Southeast gale, with southwest swell. Surf cutting beach down fast Passed North bound 2.2. Northwestern 10 a.m. ~~Hear~~ Bigest swell I have seen at the Cape. Had to take up track this morning tides are getting big. Raining heavy all day. Started to baten all the roofs, wind is getting strong now. By the looks of the weather I dont think we will be able to make many brick. Mr Dohrer and hes men left the right time. A. Lockner. J Rison
Oct 11	Mon.	Southeast wind this morning, with heavy southwest swell. Shifted at noon to southwest. Working on the beach all day tacking up track Passed out from Katalla 2.2. Farragut 4 p.m. roling some belive me, all hands sick nobody in sight. This storm is taking the west beach down fast, and the south side is gaining course gravel

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Oct 11	Mon.	Shifted some lumber also. Heavy mist all day, see about three miles off shore. Look stormy to night A Lockner J Rison
Oct 12	Tue.	Southeast with rain this morning, Calm and clear this afternoon. Look like northwest to night. Sighted fishing steamer off shore 2 P.m Must be fishing outside We are in best of health. A Lockner J. Rison
Oct. 13	Wed.	Fair weather and northerly wind this morning. Part cloudy this afternoon Two men stripping forms this morning Carson and I roofing Tower. Will have Tower complete tomorrow The walls is looking fine. Inside wall bad on first pour. Beach about the same, piling up gravel and no sand Finished taking inventory to day A Lockner J. Rison
Oct 14	Thu.	Southeast with rain this morning, Shifted round to southwest at noon. Sighted steamer 3.30 P.m. Had Tower roof complete at 8 P.m. Started fog signal roof Beach about the same. Look like southwest to night A Lockner J Rison
Oct 15	Fri.	Southwest wind and clear this morning Stripping all day, for roofing. Walls in dwelling looking fine Engines are working good, except the pump. Sighted one of the New England fishing steamers 2 P.m

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Oct 15	Fri.	No sand in sight on the south side Have about two yards in bunker, cold to day about 32 A Lockner
Oct 16	Sat.	J. Rison Strong southeast wind and rain To windy to work on fog signal Been getting course sand for the brick Got about three yards in the afternoon This morning we was stripping swelling, a I was picking up some tools A very cold wind to day Sighted no ships all day, been looking for the Evans Beach about the same, no sand to be found. A. Lockner
Oct 17	Sun	J Rison Southeast wind this morning, calm this afternoon. Found barge Washington ashore three miles from the Cape on the north side. Barge has about one milion feet of lumber, mostly heavy timber, lashings are still on and she is all intact, her rudder is gone. A Lockner
Oct 18	Mon.	J Rison Boarded barge Washington this morning and found her abandoned She has a large cargo of lumber about one milion feet. The barge is waterlogged and perhaps badly damaged. Pat with one man started for Katalla a foot, to report the whereabouts of the barge, as we think, that she has been aground for some time. Three of us continued Roofing fog signal About 4 P m we sighted

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Oct 18	Mon	Tug Pioneer going to the barge. Northeast and squally with rain and snow. A Lockner J Rison
Oct 19	Tues	Stripping forms and cleaning lumber for fog signal roof. Southeast wind and fair weather all day, Raining to night Had some frost this morning A Lockner J Rison
Oct 20	Wed.	Cold and clear weather, frost pretty hard during night. Working on fog signal roof all day. A Lockner J Rison
Oct 21	Thu.	Light Northerly wind and clear Still cold. Been working on fog signal Roof all day A Lockner J Rison
Oct 22	Fri	Northerly wind and cold. Completed roofing fog signal, moved all stores to messhouse Put one of the heathers in messhouse where we can keep provision from freezing Strong Northwest wind to night A Lockner J. E. Rison
Oct 23	Sat	Shifted round to southeast during night Raining this morning. I and Mr. Heath landed here this morning, first chance we had. Passed northbound S.S. Alameda 4 P.M. Beach about the same no sand in sight. Look like southeast to night A Lockner J Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Oct 24	Sun.	Northwest wind and clear, no surf To day we went down the beach to the barge, she is laying in the same place all intact Look to me like they could save all this lumber This afternoon I sighted whaling steamer southbound probably the Kodiak Fine beach to day, best I have seen A Lockner J Rison
Oct 25	Mon	Northwest wind and fogy, can see about two miles off shore, cleared of this afternoon Boys are stripping and backfilling and I am working on the mexes. A Lockner J Rison
Oct 26	Tues.	Northeast wind clear and no surf Shifted round to southeast at noon Wont last long from that direction Heavy frost this morning, no chance to make brick. A Lockner J Rison
Oct 27	Wed.	Moderate southeast breeze this morning Shifted round to northeast at noon Very cold all day. hauled 13 yards of gravel for backfilling, cant make brick to much frost Packed some ham and bacon for foxsauch 500 lbs of bacon and 240 lbs. of ham this ham and bacon is going in on the first boat. Some of our ham is spoiling A Lockner J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Oct.	28 Thur.	Calm and clear all day. Look like the brisk masting is over for this fall. Very frosty nights. Will take about 35 yards more to fill in back of retaining wall. Beach about the same no sand in sight. I am looking for sand every day. A Lockner, J. Rison
Oct	29 Fri.	Calm and clear this morning Shifted round to southeast this afternoon Passed southbound 2.2. Seward 9 a.m. This morning we cut down the two trees close to the messhouse. I am expecting the Triton about sunday so I had to work packing things thats going in Will have time shet and inventory list ready for this boat A Lockner J. Rison
Oct	30 Sat.	Southeast and clear all day Backfilling complete to day. Passed northbound 2.2. Cordova at noon Passed southbound 2.2. Alameda 3 P.m. Beach about the same, plenty of course gravel Boys are now ready to leave Dont look like the surf is going to go down so we can board the Triton. A Lockner J. Rison
Oct	31 Sun	Moderate southeast breeze all day Heavy frost this morning. Jim was out hunting this afternoon, got 15 ducks all mallards. Boys is waiting for the Triton, will send up rocket if swell has gone down A Lockner J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov. 1	Mon.	Calm to day with heavy southwest swell Arrived at 8 a.m. launch Triton No chance to board launch big line of breakers on reef. Dont expect swell to go down. Look like a southeaster is making. Been working taking up track, heavy frost this morning A Lockner J Rison
Nov. 2	Tues.	Strong southeast gale with heavy swell. Raining some. Look like they boys will have to wait for some time. Expect the Washington to break up any time Been looking at the roofs, and I think they will stand the blow all right. Will look for sand in the morning. A Lockner J. Rison
Nov. 3	Wed.	Strong southwest and heavy swell Getting wood and cleaning up round camp. Looking for sand this afternoon No sand in sight, Beach is a big gravel pile. This is the heaviest southwest blow we have had at the Cape, not very cold, could be making break but we have no sand. The Admiral Farragut passed south bound 5 P.m. Look like southwest to night A Lockner J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov 4	Thur.	Shifted round this morning to northwest Clear and cold I was working on tools and cleaning up sound fog signal Jim was cutting wood most part of the day Boys are still waiting Jim was down on the beach looking for sand. no sand in sight Tides is small so the surf has no chance to throw any sand up.
		A Lockner J. Rison
Nov 5	Fri	Calm and clear this morning Started blowing northwest at noon Boys are not working. Jim and I been getting wood and cleaning tools Very low tide to night, dry clean across to big stone
		A Lockner J. Rison
Nov 6	Sat.	Strong southeast gale this morning see about two miles off shore Boys are still waiting There has been no chance to get a boat of the beach This week I was cleaning tools to-day, and Jim was looking over the provisions Not fit to work outside to day. Beach are about the same, nothing but gravel.
		A Lockner J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov 7	Sun	Calm and clear this morning, southeast squalls and thick this afternoon Passed northbound 2-2 admiral Evans going to Kattala 11 a.m. Swell is going down fast, expect Triton in the morning Been looking over the smoked meat, and its not looking extra good Northwest wind and misty to night
		A Lockner J Rison
Nov 8	Mon.	Calm and misty this morning light southeast and squally this afternoon Looking for the launch to day Halibut scooner Idaho for anchor off wreck, two days boardet barge and returned after two hours stay Triton arrived 2.30 P.M. and left for Kattala after loading Got here on time, the only day we have had this week Received 1 stores on Triton but no shipping bill We also got some fresh meat from C. K. Verdt Co. (42 lbs) and sent 700 lbs of smoked meat to Fox ranch to be resmoked
		A Lockner J Rison
Nov 9	Tues.	Wind shifted during night to northwest with hail. Been blowing northwest all day, with heavy westerly swell Been looking over provisions and getting wood. Days are getting short now and we cant do much This westerly storm has taken the west beach down four feet. There is no use

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Nov 9	Tues.	digging a big hole for sand, the surf will wash it full in na time Temperature this morning 34, this afternoon 44. A Lockner J Rison
Nov 10	Wed	Northwest and clear all day. Passed northbound 2.2. City of Pueblo 8 a.m Passed southbound 2-2. Lathoche 1. P.m. Temperature this morning 36, this afternoon 32. Dont look like we are going to get any sand. We have plenty of other work to do, are at present cleaning up round Dwelling and fog signal. Getting cold now and we must have wood
Nov 11	Thurs.	A Lockner J Rison Calm this morning, looke like snow Thermometer registered 31 above this morning everything frozen, one inch of ice on one of tanks. Shifted round to southeast with rain this afternoon. The thermometer jumped up to 38 Jim and I been cleaning up and getting wood, getting dark very early now sundown 3.38, not mush of a day to work on A Lockner J. Rison
Nov 12	Fri.	Strong southeast gale with mist this morning could see about one mile off shore all day Been working inside painting wheelbarrows. Temperature this morning 38 this afternoon 40, Look like a stormy night, not bad here in the dinning room same leaks thats all, been fixing some leaks

A Lockner
J Rison

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By A Lockner

1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov 13	Sat.	Shifted round last night to southwest Light breeze with heavy swell Been sawing and splitting wood to day That native timber is very hard splitting so it will take some time to get what we want. Sighted fishing steamer this afternoon Temperature this morning 40 this afternoon 38. Looks like a clear night with plenty surf. A Lockner J. Rison
Nov 14	Sun	Fresh gale of southeast with rain and mist, could see about two miles off shore. Very long day this sunday Took a walk round camp this afternoon things looks all right. Not much to do on a day like this, read thats all, have seen all the papers we got last boat, so we are all out of old news. Temperature this morning 38 this afternoon 36. Jim is reading some old novel. A Lockner J. Rison
Nov 15	Mon	Northeast and misty with heavy southwest swell this morning. Wind is now southerly and squally I am taking a look on the beach every day for sand and cant find any. I and Jim been cleaning and painting wheelbarrows to day. Temperature this morning 38 this afternoon 40 Looks like southeast to night. A Lockner J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov. 16	Tues.	Last night there was a fishing steamer went for anchor on the Northwest side of the cape, it was the Independent he left for the banks this morning return in about two hours and dropt her anchor in the same place, to much swell outside. Northeast wind and rain all day. Been getting wood all day. We are burning lots of wood here now houses very cold. Found some sand at low tide to day It was a big runout to day and it was at low water edge we found the sand. Temperature this morning 36 this afternoon 38
		A Lockner — J. Rison
Nov 17	Wed.	Shifted round to northwest last night been clear and cold all day Jim and I been drying sacks, and painting some iron round Dwelling and fog signal Passed out from Wingham halibut schooner. Temperature this morning 34 This afternoon 34.
		A Lockner — J. Rison
Nov 18	Thur.	Shifted round to northeast last night Passed in for Katalla northbound 8.30 a.m. S.S. Admeral Farragutt. Passed out from Wingham halibut schooner 11.30 a.m. Passed out from Katalla southbound S.S. Admeral Evans 2.30 P.m. Must have been some boat in Katalla, two boats on the same day. Been Turning sacks and peling up lumber laying round There is some sand on the beach, but

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		low tide comes late in the evening Temperature this morning 36 this afternoon 38.
		A Lockner J. Rison
Nov 19	~~Wed.~~ Fri	Fresh southeast gale, cant see very far off shore, mist and rain all day Jim and I was cleaning tools and painting inside. We are in best of health and getting along fine. This southeaster is taking a good halt in this building, but I think she will stand it Temperature this morning 38 this afternoon 40.
		A Lockner J. Rison
Nov 20	Thur. Sat.	Shifted round last night to southwest Some blow last night. Think all the buildings will stand the blows we are getting here, thats if it dont blow much harder and last night To day we tak up the remainder of the track, its now in a safe place. We are having some time with the sacks, no chance to dry them Passed out two halibut schooners from Wingham probably the Idaho and Constance. They all hunt anchorage in bad weather. Temperature this morning 38 this afternoon 38.
		A Lockner J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov 21	~~Thu~~ Sun	Squally and southwest wind. Ta is sunday I and Jim was going to take a walk but we could not get around the point, to much swell. Been a heavy westerly surf all day We are in good health and, I hope we will continue that way Temperature this morning 32 this afternoon 36
		A Lockner J. Rison
Nov 22	Mon	Northerly wind and clear this morning Been cutting wood all day its getting cold and we burn plenty wood We are having our first snow this afternoon about 1/2 inch. No swell to speak of, going out to big stone first chance, tides are small in the evenings. Temperature this morning 34 this afternoon 32
		A Lockner J. Rison
Nov 23	Tues	Calm and clear all day, and very cold. Took a walk this morning looking for some logs for wood, this afternoon we war sawing wood and cleaning up a little. Very lonesome out here, not a boat in sight makes a fellow feel like hes all alone in this world we will have to stand, no other way out. Temperature this morning 32 this afternoon 34.
		A. Lockner. J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov 24	Wed.	Northwest wind clear and cold this morning, squally and calm this afternoon with a little snow. Got to see some boats to day at last. Passed northbound S.S. Alameda at noon. Passed southbound S.S. Northwestern 4.30 P.m. Been sawing up all small lumber laying round not useable, and cleaned of the bank round the fog signal Lots of work here, thats looking after everything, have the sacks out again to day, have some time with those sacks. Temperature this morning 32 this afternoon 33. A Lockner J. Rison
Nov 25	Thur.	Thanksgiving to day and our first snowstorm at the cape. Got up this morning and found everything frozen hard, and two inches of snow Been out taking in the sacks this morning, sacks all buried in snow Passed southbound S.S. Alliance at noon. Temperature this morning 31 this afternoon 33. Passed in for Wingham halibut schooner 8 P.m. A Lockner J Rison
Nov 26	Fri	Northwest wind with snow, very thick. Whole contry covered with two inches snow. To day we been hauling up some wood of the beach, and fued the sacks inside Also drained the tanks and lokt over the engines Temperature this morning 28 this afternoon 32 Beach about the same, no sand.

J. Rison

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19 / 5 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Nov 27	Sat.	Calm and clear this morning, squally with snow this afternoon. Temperature this morning 30 this afternoon 34. Got my first fox this morning, right back of camp about a hundred yards, Jim had one to but he got away with the trap broke the chain Been getting up some logs and shoveling snow to day very thick to night see big stone Thats all.
		A. Lockner J Rison
Nov 28	Sun	Northerly wind clear and cold all day. Temperature this morning 28, this afternoon 31. We had a little snow last night, so there is about three four inches now. The sun was very warm to day, the thermometer registered 38 in the sun, but very cold in the shade. Passed out from Wingham two halibut schooners at noon We launched the boat to day and took a trip over to big stone Light was all right, burner a little carboniced thats all Very fine weather to day no swell.
		A Lockner J Rison
Nov 29	Mon	Fresh southeast gale. Had some more snow last night but its all blowing of to day. On the woodpile as usual Expect some of the fisherman will hunt shelter again, is now blowing a strong gale Temperature this morning 30 this afternoon 34 Snow dont stay on the roofs here, all blowes of.

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Thick most part of the day. Passed southbound Steamer probably the Evans A Lockner
Nov 30	Tues.	J. Rison Northeast and squally with snow all day, been very thick. Had some more snowfall last night, we have now about ten inches. Jim and I was sawing wood all day. Temperature this morning 31 this afternoon 33 A Lockner
Dec 1	Wed.	J. Rison Northeast wind and clear most part of the day. Been shovelling snow and hauling out some logs for wood We have plenty of snow now, and we cant do anything outside but cart wood I also drained the tank on the lower hoist and ~~it~~ are now putting in a barrell for the water The brick machine is in the carpentershop oiled, and ready for use. Temperature this 34 this afternoon 32. A Lockner
Dec 2	Thur.	J. Rison Northerly wind and clear this morning Shifted round to northeast to night thick with snow, look like a bad night Was working on the big hoist cleaning and oiling her up for the winter I also looked over the pumps in very good shape. Jim was shovelling snow and fixing a dead man for hauling out logs Temperature this morning 25 This afternoon 34. J. Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec. 3	Fri	She set round last night to southeast and rain. This morning the thermometer was very high 40 above, this afternoon 39. Very near all the snow gone. Jim and I was sawing wood and fixing some drains. There is not much wood on the beach so we will have to take to the woods. Raining to night but we can see about four miles off shore A Lockner J Rison
Dec 4	Sat	Strong southeast gale and thick with rain this morning, cleared up a little this afternoon. Temperature this morning 38 this afternoon 36 To day I was working in the warehouse cleaning and painting some lanterns, and Jim was shifting some provisions and splitting wood Looking the same old way around here snow all gone. Looks like southeast to night A Lockner J Rison
Dec 5	Sun	Northerly wind and clear this morning with a heavy southeast swell Temperature this morning 32 this afternoon 34. Been around camp all day cant get is far is the point, there is a 11.0 tide and a big surf. Clear and cold to night. A Lockner J Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 6	Mon	Light southeast breeze and clear all day. Been cleaning up on the warehouse to day, and burning all the old stumps and small lumber. We have the lower flat very clean now Temperature this morning 34 this afternoon 38 Clear to night. Beach about the same piling up gravel on the south side. A Lackner
Dec 7	Tues	Southerly wind and squally with snow. Jim and I been cleaning up and Burning some old junk Was working on fog signal this afternoon No ships has passed this last week, must all pass at night Temperature this morning 36 this afternoon 34 Looks like southwest to night A Lackner J Rison
Dec 8	Wed.	Calm and clear this morning, passed southbound halibut schooner 3 Pm This morning we was oiling the wirecables on the hill and this afternoon we was bundling sacks This is the calmest day I have seen at the cape, could have landed a tramp steamer here to day Beach about the same Temperature this morning 32 this afternoon 34. A Lackner J Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 9	Thu.	Southeast and thick, raining all day Passed northbound C.C. Northwestern 3.30 P.M. Temperature this morning 34 this afternoon 36 Been cleaning and painting all day Beach about the same, same sand on the south side. Nothing new at the cape, same rain thats all Look like southeast to night.
		A Rockner J Rison
Dec 10	Fri	Northerly wind and clear, with southerly swell South side washing out fast To day I and Jim cleaned out the Messhouse, we give her a good washdown. This afternoon I was splitting wood and Jim was making bread Temperature this morning 32, this afternoon 34.
		A Rockner J Rison
Dec 11	Sat.	Northerly wind and clear this morning, cloudy this afternoon, has been a heavy southeast swell all day. Look like we will be able to get some sand after the surf has gone down Been on the woodpile as usual. Temperature this morning 32 this afternoon 34. Passed northbound Tug Goliath 1.30 P.M.
		A Rockner J Rison

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19 15 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 12	Sun.	Southeast with rain this morning, shifted round to southwest this afternoon squally but clear. Passed northbound S.S. Lathroche at noon Temperature this morning 34 this afternoon 36. Days are very short now, not much daylight, cloudy days very short. A Lockner
Dec 13	Mon.	J Rison Calm and clear this morning northeast wind with snow this afternoon. Been getting wood all day. Beach about the same, no surf to day Passed northbound Admeral Farragut 11 a.m. Temperature this morning 33 this afternoon 35. A Lockner
Dec 14	Tues.	J Rison Fresh northwest breeze and clear To day we been getting up some logs of the beach, and cleaning some tools in the carpentershop. A cold but fair day Temperature this morning 34, this afternoon 33. No ships sighted to day, Jim was expecting the mail boat thats all. A Lockner
Dec 15	Wed.	Shifted round last night to southeast with rain, been blowing a strong gale all day, sea about two miles off shore. Jim and I been looking over the patatos and cleaning out bunkhouse No 1 Beach line south side from stack to high water mark 60 ft. from high water bank to low water mark 210 ft Spit from old driftwood to high water bank 48 ft
A Lockner		

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 15	Wed.	From high water bank to end of spit low water 270 feet. In front of messhouse, from old bank to high water mark 78 ft. from high water bank to low water mark 75 ft. In front of Lawtons, from old bank to high water bank 60 ft Rock with ringbolt exposed 5 ft. from high water bank to low water 90 ft. Top bank along to point average 20 ft wide on the point the surf has been cutting out all the gravel. From edge of slide to top bank 12 ft. from top bank to low water 45 feet Nothing but rocks left around the point no beach to speak of. Temperature this morning 38 this afternoon 39.
		A Lackner J Rison
Dec 16	Thur.	Westerly wind and squally with hail, Southeast swell all day. This morning we was sawing wood, and this afternoon we got some sand, about one yard sand is very scarce on the beach, Hauled up some drift logs for wood. Temperature this morning 35 this afternoon 36.
		A Lackner J Rison
Dec 17	Fri	Northeast wind squally and thick all day Had about two inches of snow last night and one to day. On the woodpile as usual no chance to get any sand to day, snowed over as fast as the tide went out Temperature this morning 32 this afternoon 32
		A Lackner J Rison

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1914 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 18	Sat.	Easterly wind and clear all day. Heavy westerly swell this afternoon Was splitting wood this morning I was not feeling good this afternoon, had to go to bed. Jim was making bread and working inside most part of the day. Temperature this morning 30 this afternoon 32. Passed southbound passenger steamer last night 10 P.m. A Lackner
Dec 19	Sun.	Easterly wind and snowy weather J Rison Been very thick this morning, clear this afternoon Temperature this morning 34 this afternoon 34 Snow dont seem to stay very long here at the cape. A Lackner
Dec 20	Mon	Southeast wind with rain, could see about 5 miles off shore J Rison Been working inside cleaning up and shifting tools and oil This afternoon we was fixing and painting the boat she is leaking bad. Will take a trip to town first chance for mail Temperature this morning 34, this afternoon 36. A Lackner J Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 21	Tues.	Easterly wind and clear all day Have had some heavy westerly swell this last three days. There is not much snow left now The south beach are now covered with gravel again Temperature this morning 34, this afternoon 34 Takes a man some time to keep this saws in comision, timber is bad Thick with snow to night. A Lockner. J Rison
Dec 22	Wed.	Southerly wind and squally with a heavy southwest swell. Two inches of snow again last night To day I was painting the boat and Jim was sawing wood There is no sand in sight on the beach nothing but fine gravel Temperature this morning 34 this afternoon 34 Looks like southwest to night A Lockner J Rison
Dec 23	Thur.	Easterly wind and clear this morning thick with snow this afternoon Passed southbound tug Goliath with barge Palmyra in tow 2.30 P.m. Sawing wood this morning and this afternoon we was fixing some tools Temperature this morning 32 this afternoon 34 We have about three inches of snow now I was down on the beach this morning looking for sand, westerly swell is washing in gravel, so we will have to wait. Snow to night. A Lockner J Rison

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19 15 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 24	Fri.	Northerly wind and fair but cold Been fixing some tools to day. Jim was splitting wood Temperature this morning 30 this afternoon 29. We been looking for a mail boat, but there is nothing doing. Have to go after mail first chance. Northwest wind and clear to night A Lockner J Rison
Dec 25	Sat.	Wind shifted round early this morning to southeast and rain, blowing a strong gale all day. We had no Xmas tree here at the Cape, but all we wanted to eat, thats in smoked meat and fish line. Fresh potatos, rice pudding, mince pie and Napoleon cake. Fruits Oranges prunes and figs. Temperature this morning 33 this afternoon 34 Raining and thick all day Dont think it will be any snow left by morning A Lockner J Rison
Dec 26	Sun.	Southwest and squally this morning Snow is all gone again Rained continuly all last night I am not feeling good and I dont know what to do in this case, nothing in the medical handbook in that line Passed Northbound S.S. Northwestern 10 a.m. A heavy westerly swell. Temperature this morning 36 this afternoon 34. A Lockner J Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 27	Mon.	Strong Northwest gale and clear all day Very cold this copper river wind Temperature this morning 32 this afternoon 36 Been on the woodpile as usual. This morning we had to haul out some logs I also took a look at the engines all in first class shape not much snow, Beach about the same, washing out all the gravel down the point and shifting it out to the spit. No ships sighted to day. Looks like copper river wind to night. A Lackner J Rison
Dec 28	Tues	Calm and clear this morning, post cloudy this afternoon Cutting wood all day, looking for sand this morning again nothing but gravel in sight Has been a fair day, not very cold Temperature this morning 34, this afternoon 38. Northwest wind and cloudy to night. A Lackner J Rison
Dec 29	Wed.	Southeast and thick, with snow this morning. See southeast rock thats all Been working inside all day fixing some tools Temperature this morning 34 this afternoon 34. Southeast wind and thick to night with a heavy surf Passed in for anchorage halibut schooner 5 P.M. A Lackner J Rison

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1915 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Dec 30	Thur.	Shifted round to northwest last night Been blowing a strong gale all day Was working in the warehouse painting some blocks to day and Jim was splitting wood and making bread. Some cold wind this copper siner wind spray freeges right on the beach Temperature this morning 32 This afternoon 31.
		A Lackner J Rison
Dec 31	Fri.	Northwest wind and clear all day A very cold night 23 above Temperature this morning 24 This afternoon 26. Been on the woodpile as usual. Was down on the beach at low tide to day Beach all shifted down to spit from high water mark to end of spit 365 feet Passed in on the south side halibut schooner hunting shelter from the northwester probably the Canstand.
		A Lackner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan. 1	Sat.	Calm and clear this morning, light northwest breeze this afternoon. Been out for a walk to day round the big hill, this afternoon I tok a trip out to big stone Light O.K. working as usual Temperature this morning 28, this afternoon 28 Passed southbound S.S. Cordova 9 a.m.
		A Lockner J Rison
Jan 2	Sun	Calm and clear this morning, light northeast breeze this afternoon Been out to big stone again to day Big runout. Have no tide table for 1916 Temperature this morning 36 this afternoon 34
		A Lockner J Rison
Jan 3	Mon	Calm but heavy overcast, not a ripple on the sea One of the admiral line of boats came out from Katalla southbound 9 a.m. Pat left here at 10 a.m. in the small boat, for fox ranch to see if there is any chance to get our mail and send same off. Guess he made it all right as it been dead calm all day. Temperature 38 this morning and 40 this afternoon Have been working on the wood pile.
		A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 4	Tues.	Southeast wind this morning, very light. Heavy overcast, been snowing wet snow all afternoon and turned to a steady rain to night. One of the Northwestern boats passed here northbound 10.30 a.m. dont know which one of the boat it was, as they all look alike to me four or five miles away Wind still blowing from the southeast, but the sea is practisly calm. Been sawing wood Temperature this morning 36 this afternoon 36.
		A Lockner
		J Rison
Jan 5	Wed.	Wind switched around to northwest during the night and is blowing a good stiff breeze. Very cold cuts like a knife. Temperature this morning 24 Still clear and cold this evening Copper river wind has been blowing all day, and a big surf on the north side this afternoon. I have been splitting wood to day, but had to run in to the stove pretty often to warm up. This has been the coldest that we have had. Temperature hasent been above 28 at no time to day and is down to 24 this evening and still going down.
		A Lockner
		J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 6	Thur.	Still clear and Northerly wind, but not so strong. Temperature 30 this morning Wind still in Northwest and clear this evening. ~~Have been~~ Have been wheeling wood and storeing it away. Temperature was up to 36 for a little while to day, but is back to 30 to night. No surf to speak of. A Lockner J Rison
Jan 7	Fri.	Still clear and calm this morning Temperature 32 this afternoon. It clouded up for a while to day, but is clear and calm this evening Northerly wind very light. Been sawing wood to day. Pat hasnt returned yet He probably never got across to Katalla untill to day, as I dont think the weather has been very favorable before to day Temperature run up to 50 for a while this afternoon, but is back to 32 this evening. A Lockner J Rison
Jan 8	Sat	Southeast wind this morning, a light breeze, is clear and no swell. This has been an ideal day here at the cape. Calm this afternoon but clear Finished sawing that pile of logs by the carpenter shop; and was glad to get to the last one. It they were seartenly a bunch of hard timber Will have to fall some trees on the hill for wood, as we will not have near enough. It takes an awfle lot of

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19 16 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Wood to keep this messhouse warm Temperature has been 45 all afternoon untill the sun went down Its now 32 at 5.30 P.M.
		A Lackner J Rison
Jan 9	Sun	Southeast wind and cloudy this morning Pat arrived 3.30 P.M. Had a very good trip out from the Foxranch. Left at 10.20 A M Emmrede would not work sailed is far is the whalefish, and armstrong rest of the way Glad to be back at the cape This is what I call the banana belt of Alaska. Raining to night and southeast wind. Temperature this morning 36, this afternoon 38
		A Lackner J Rison
Jan 10	Mon.	Southeast and rain this morning Was going to haul up the boat this morning, but the hoist would not run Had to take the head of and clean out all the carbon very dirty inside needed a good cleaning all right Got home in time surf is making to day. Temperature this morning 37 this afternoon 38. Southeast and thick to night
		A Lackner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 11	Tues.	Shifted round last night to northwest A strong breeze but clear all night This morning we was hauling out logs, this afternoon we was cutting them up for wood. I also tak a look at the engines they are in a good condition. Days is getting a little longer now. No snow, but the ground is frozen hard. Temperature this morning 38 this afternoon 38 in the sun A Lackner J Rison
Jan 12	Wed	Light easterly wind and clear all day. To day Jim was filing saws and I was painting the oil tank and the forge A very fine day at the cape not much swell J Rison Temperature this morning 30 this afternoon 32 At noon the thermometer registered 58 in the sun A Lackner J Rison
Jan 13	Thu.	Light northwest wind and clear all day On the woodpile to day as usual. This afternoon I was making some wire slings, will need them in the spring. The gas boat Wasp stopt here to day they are working at the Wreck getting some lumber for the railroad We put the boat in and I got a late Frisco Examiner Temperature this morning 32 this afternoon 32 fine. sunshine all day A Lackner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 14	Fri.	Light Northerly wind this morning and clear. Started out for a raw of logs, made the beach all right, got five big logs and got home two a clock in the afternoon. Hauled the logs above high water mark, nice pile of wood, When there is a chance I think its much better to get logs of the beaches, take such a long time to trim those logs back of camp, and they are very hard to split take a man a day to split a log, Thats a small one. Temperature this morning 32 This afternoon 32 A Lockner J Rison
Jan 15	Sat.	Light easterly wind clear and no swell Has been a big fog bank in the southeast all day. Probably a change of weather do We been having a nice spell of weather here for the last two weeks could have landet barges here every day. To day we been hauling logs up of the beach, and started sawing them up. Temperature this morning 32 This afternoon 32. The thermometer was very high this afternoon a while 58 in the sun Cold mornings and evenings A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 16	Sun	Light easterly wind and clear this morning Calm this afternoon. I and Jim went out fishing to day nothing doing not a bite. This morning we had chicken that I braught from the fox ranch Joe Hill gave it to me. Temperature this morning 32 this afternoon 32. Very cold nights. A Lockner J Rison
Jan 17	Mon	Fresh northwest wind and clear this morning. Cloudy this afternoon Big fog bank off shore all day This copper river is so cold that a feller freze to deat working outside I been painting and overhaulling some blocks this morning and this afternoon I was working on some wire slings. Jim was making bread and working inside on some provisions. Temperature this morning 24 this afternoon 30. A Lockner J Rison
Jan 18	Tues	Northeast wind and rain this morning Shifted round to northwest and snow this afternoon Been very thick all day On the woodpile to day as usual We are burning lots of wood. Temperature this morning 32. This afternoon 36 A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 19	Wed.	Strong northwest wind all day Blowing hard all last night Got up this morning and found the thermometer down to 15 above, and this afternoon still colder 10 above. Could not work outside to day, wind to strong and cold Got to keep fire in two buildings now. Was looking over the flour and sugar, sugar is very hard, but the flour is in good condition Jim got some ducks to day on the beach. Look like strong northwest to night A Lackner J Rison
Jan 20	Thur.	Strong northerly wind and very cold Temperature this morning 5 above this afternoon 5. Whole beach covered with ice, some cold wind. Beach in bad shape on the north side, washed out all the gravel so there is nothing but big boulders left. Jim was filing saws and I was taking some ice out of the big tank back of messhouse and cleaning up a little. A Lackner J Rison

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19 10 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 21	Fri	Northerly wind and clear all day There is a lot of ice coming out from controller bay it is all stopping here in front of the cape. Very cold night last night, was zero all right and thats very cold in this salt damp air. Cant do nothing outside a man would freeze to death in this cold wind. To day we was cleaning up a little in the warehouse and taking a look at the provisions. Temperature this morning 3 above, this afternoon 8.
		A Lockner J Rison
Jan 22	Sat.	Northeast wind cold and clear all day. Wind is so cold that we had to take the logs inside the warehouse to saw, been sawing wood all day. Say but we are burning a lot of wood got to keep a fire in two houses all day and half of the night, if the fire go out it would freeze right away Temperature 12 above this afternoon 12.
		A Lockner J Rison
Jan 23	Sun	Northeast wind and clear this morning thick with snow this afternoon Passed northbound 2.2. Cordova 10.30 a.m. Temperature this morning 12 above, this afternoon 18. Snowing and thick to night
		J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 24	Mon	Easterly wind and clear all day Had 6 inches of snow last night To day we been sawing wood and shovelling snow. The spring is frozen but we still manage to get some water out of it. Have to pack water now. This is some lonesome place cant even take a walk whole beach frozen, bowlders look like big icebergs. Temperature this morning 18 above, this afternoon 15. Turning cold again wind northerly to night. A Lockner
Jan 25	Tues.	J Rison Calm and clear all day. A fair day Temperature 14 above this morning this afternoon 20 The thermometer was high in the for a short time 48 above. Been cutting wood to day Passed northbound S.S. Victoria 1.30 Pm Passed southbound S S Lathoche 4.10 Pm No swell to day Passed northbound S S admiral ~~Evans~~ Farragut 7 Pm for Katalla. A Lockner
Jan 26	Wed	J Rison Northwest wind and clear weather Had about one hour of fog at noon Been cutting wood and shovelling snow. Temperature this morning 18 above, this afternoon 18. Colder to night, still blowing northwest Passed northbound S.S. Alemeda 11 a.m. No surf, beach all ice. A Lockner

J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan. 27	Thur.	Light northerly breeze and clear all day To day we took the boat and went after some logs for wood, got one big one. Beaches are all full of ice and snow so it is very hard work to get them in the water Temperature ~~this~~ morning 16 above this afternoon 20. There is a lot of slate and big rock falling of the big hill south of the sulpherspring, the sulpherspring had a cave in a while back will try to fix it first chance. No ships to day.
		A Lockner J Rison
Jan 28	Fri	Calm and clear this morning, light easterly wind and part cloudy this afternoon. Been after some more logs this morning got 2 and returned at 2 P.M. This afternoon we had to dig a drain around the lower hoist, all the water from the spring seem to stop in the hoist house I started to turn the hoist over and the flywheels was frozen to the floor. Temperature this morning 22 above, this afternoon 28. Getting warmer, look like change in weather to night
		A Lockner J Rison

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By A Lockner

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Jan 29	Sat.	Light easterly wind and clear all day Hauling logs of the beach this morning This afternoon we was sawing wood I took a walk out to big stone to day. Light is burning all right, but the storm glass is covered on north side with ice, must be spray from the last northwester Sun is very strong now in the afternoon, so the ice will all melt of Temperature this morning 20 above, this afternoon 26. No surf. A Lockner
Jan 30	Sun	J. Rison Easterly wind and thick with snow this morning, clear this afternoon Had three inches of snowfall last night. Had nothing to do to day so I that I better sort over the potatoes, about one sack are rotten dry rott. Temperature this morning 22 this afternoon 26 A Lockner
Jan 31	Mon	J Rison Easterly wind and clear all day, little southeast swell. Been sawing wood this morning, 2 clock we took a walk, I went on the south side and Jim went on the north side Jim went is far is the wreck, Jim says the whole botom is out of her Fold me he could walk clean around her at this stage of tide she is all intact I was looking for logs on the southside got one cross for in Jims trap to day Temperature this morning 20 this afternoon 24 A Lockner

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb. 1	Tues.	Northerly wind and clear all day. Been cutting wood to day and doing odd things round camp. Snow is staying longer this time, still there is no snow to speak of on the roofs About five inches some is blowing of every day. Looked over the engines again all O.K. Temperature this morning 20, this afternoon 24 Passed southbound S.S. Admiral Farragut 10 a.m. Northerly wind to night. A Lockner J Rison
Feb. 2	Wed.	Light northwest wind and clear all day No surf. To day I was cutting wood and Jim was working inside making bread and doing odd things round the house. We are having a nice spell of weather, but cold. Beach are about the same all gravel on the south side. Temperature this morning 20 above, this afternoon 28. Northwest wind and clear to night. Big runouts this last three days. A Lockner J Rison
Feb 3	Thu.	Easterly wind and clear all day. Been a fine day, sun very warm, thermometer was 66 above at 2 P.m. Temperature this morning 30, this afternoon 32. Cutting wood all day, just about out of drift logs now, will have to make a trip for more first chance. I had to take a look at my traps this afternoon left here at 3.30 P.m. and got back at 5.15 P.m. with a fox, thats number three. A Lockner J Rison

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By A Lackner

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19 16 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb. 4	Fri	Calm and clear this morning, Part cloudy and light westerly wind this afternoon Been a heavy westerly swell all day Passed northbound one of the Alaska Steamship Companys boats probably the northwestern 8 a.m. To day we been on the hill falling some trees for wood, going to cut some for the office. Weather been fine all day, snow is going fast sun very warm. Temperature this morning 30, this afternoon 32. Took a walk along the beach this evening, looking for sand, some at low water, not much Found one rail on the beach to night, one that we lost last spring. A Lackner
Feb. 5	Sat.	J Rison Northwest wind and clear early this morning Easterly must part of the day, been a fair day. Been doing odd jobs round camp, and on the hill we was swamping a road to get our wood. Temperature this morning 26 this afternoon 32. Look like we will be able to get some sand next week It will be a hard job to get it up that steep beach, have to sack all the sand and pack it above high water mark. It is not much sand left on the beach that I can see.

A. Lackner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 6	Sun.	Easterly wind and clear this morning. Northwest wind and clear this afternoon Westerly swell all day Temperature this morning 28 above, this afternoon 30. Temperature was 40 above for a while to day in the sun Dont stay high very long. This is Sunday but we had to do something to keep from getting lonesome, I was washing clothes this morning, and put some oil in the pump this afternoon, the sticks and I that I would fix it Jim was piling some wood Northwest wind to night, but clear
		A Lackner J Rison
Feb. 7	Mon	Light Northerly breze and clear all day Took the boat and went after a raft of logs. Left here 9 a.m. and got back at 2 P.M. with three logs, they are small but they will do for the heaters Been a fair day, Temperature this morning 26 above, this afternoon 32 Cold nights. This afternoon we was hauling the logs of the beach No surf to day, we are having good weather now for landing lighters, could have landed lots of material here this winter.
		A Lackner J. Rison

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By A Lockner

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb. 8	Tues.	Light easterly wind and clear all day Had a little southeast swell this morning Been up on the hill cutting wood for the office all day. Temperature this morning 24 above, this afternoon 26. Thermometer was up to 50 above for a while to day. We are having some nice weather here at the cape, but I guess it wont last very much longer. We still have a little snow left, sun is melting some every day, no snow in the woods above camp. Beach about the same a little sand on the west side
		A Lockner
Feb 9	Wed.	Easterly wind and thick with snow this morning. Had a clear spell for a while at noon, but was thick again this afternoon Jim and I was on the hill getting out wood for the office, snowing and blowing bad so we came back down to the messhouse. This afternoon Jim was cleaning up some meat tools and I was cleaning away some snow Temperature this morning 24 above, this afternoon 26, had about two inches of snow to day. Clear to night, but the wind is still in the same direction I think this is a starter of a good southeaster. Passed southbound passenger boat 9 P.M.
		A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 10	Thu.	Easterly wind and clear all day. Been clounding up this afternoon Took a walk this morning, looking for more sawlogs, this afternoon we was working on the hill cutting wood Temperature this morning 24 above this afternoon 28. Look like we are going to have some more snow or rain Little southeast swell to day. A Lockner J Rison
Feb 11	Fri	Strong southeast wind and wet snow. Been thick all day. Beach are begining to shift again now, this southeast swell is cutting the spit down fast. I would like to see this wind keep up for two three days, will tow things out. To day we been cutting wood. Temperature been the same all day 32 above This southeaster is taking the snow fast, nothing much on the roofs. Look like southeast to night, thick this evening. A Lockner J Rison
Feb. 12	Sat	Easterly wind and clear this morning. Had about four hours of thick weather to day, from 10 a. m. untill 2 P m Squally with snow. This Evening To day we were fixing tools and doing odd things round camp Had one inche more snow to day Passed southbound 2.2. Admiral Evans 3.30 P m Temperature this morning 32 above, this afternoon 30. Clear and calm to night southeast swell.

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By A. Lackner

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19 16 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb. 13	Sun	Easterly wind and squally all day, been a heavy swell all day. Had two more inches of snow last night, but its all blowing of again to day. Temperature this morning 26 above, this afternoon 30. Thermometer was as high as 40 for a short while to day Easterly wind and cold to night, can see about five miles off shore. A Lackner J Rison
Feb. 14	Mon	Light northeast wind and clear all day Some southwest swell. Shovelling snow and cutting wood to day Turning cold again. Temperature this morning 26 above, this afternoon 28 Northeast wind and clear to night Keeping fire in two houses. Took a run out in the boat to day to see if the light was working, light O. K. A Lackner J Rison
Feb 15	Tues.	Westerly wind and squally with snow this morning, fresh westerly wind this afternoon, but clear. Been shovelling snow all day. Some places the snow is piled up 6 feet high round the buildings. Surf is getting big now with this westerly wind. Temperature this morning 26 above this afternoon 30. Got fire in two houses, we have all the potatos in bunk house No 1. so we have to keep fire there. Thick with snow, and heavy swell 2.30 P.m. A Lackner J. Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb. 16	Wed.	Westerly wind and cloudy this morning Northwest with snow this afternoon Sun going down fast. Could see about five miles off shore all day No ships sighted. To day we been working inside, Jim sharpening tools and I was working on wire slings We have about two feet of snow now, so its hard to do any work outside. Temperature this morning 24 above, this afternoon 25. Cloudy and light northwest breeze to night, look like snow. A Lackner J Rison
Feb 17	Thur.	Strong southeast gale with sleet this morning, turned in to rain this afternoon Snow is going fast now, dont think whats left will last long if this keeps up. Beach are also shifting fast back to its old place, Been fixing drains to day, there is a lot of snow in the dwelling, so I open the drains I dont think they will freeze to night, will close them again if frost sets in. Temperature this morning 34 above, this afternoon 38. Strong southeast wind and rain to night. This is the first good southeaster this year. Been thick all day. A Lackner J Rison

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By A Lackner

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 18	Fri.	Strong southeast gale with rain Big line of breakers on north and west side. Been down to the sulpher spring a trip to day, had a big slide there this last 24 hours, spring buried in snow and rock. Could not do much to day, still we took a look at all the drains, everything is O. K. Temperature been 38 all day Snow is all gone now, just a little ice left on the ground. Been misty and thick all day. A. Lackner
Feb 19	Sat.	J Rison Shifted round to westerly wind and squally with snow at 8 a.m. Been thick for a while this morning Westerly wind and squally, but clear this afternoon. Been working inside painting the cars. Have no snow now, but its turning cold again. Temperature this morning 38 above, this afternoon 32. Took a walk along the beach looking for sand, nothing in sight. Westerly wind and clear to night. No ships sighted.

A Lackner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 20	Sun	Strong southeast wind with snow and sleet Been thick all day Surf is getting biger on the south side. Temperature been 33 above all day. Nothing to see here now but a lot of seagulls. To day we had about two inches of wet snow, but expect it to go with this wind before morning Southeast and thick to night A Lackner J Rison
Feb. 21	Mon.	Southeast wind and misty all day Been raining most past of the day Shifted round to west to night light breeze, but heavy swell. Been working inside to day fixing and painting the cars, still a little wet snow left on the ground Temperature been 34 all day. Same colder this evening A Lackner J Rison
Feb 22	Tues.	Light southeast breeze this morning Cloudy but clear. Had about one hour of thick weather with snow this evening. This is a holiday but we could not keep from doing something, been working on the big tank back of messhouse, was two feet of ice on it, intendet to keep it for fireprotection, now we will have to clean the tank out and have it full by the time they boys land.

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By A Lockner

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Temperature 36 above this morning this afternoon 34. Look like southeast and rain to night
		A Lockner J Rison
Feb	23 Wed.	Southeast wind misty and thick all day. Heavy westerly swell Cleared up for a short while this afternoon, Been falling timber on the hillside to day got to have more wood Lookt over the beach again to day, no sand in sight Temperature been 36 above all day Snow going fast. Misty and thick to night
		A Lockner J Rison
Feb	24 Thur.	Southeast misty and thick this morning Clear for a while this afternoon Hauling out logs this morning, sawing wood this afternoon Dont look like we are going to find any sand, weather is bad now for getting sand, windy and misty every day. This weather keeps up we will have a early spring. Temperature been the same all day 38 above Southeast wind and thick to night heavy surf on the west side. Temperature at 9 P.M. 38 above.
		A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 25	Fri.	Southeast wind misty and thick most part of the day, Could see about five miles off shore this morning, afternoon misty and thick. Passed northbound S.S. Northwestern 8.30 a.m. first boat we have seen for some time Sawing and splitting wood to day Snow about all gone now, ground getting soft fast Been over to big stone again to day, light O.K. Temperature about the same all day 38 above Would take a chance on making brick now, but have no sand. Southeast wind and rain to night.
		A Lockner J Rison
Feb 26	Sat.	Southeast wind misty and thick all day clear for a short while this evening. This morning we were filing the thanks for water, have the big tank just about full, runing the water from the drain in the dwelling in to the big tank, tank is not leaking very much. This afternoon we been sharpening tools, picks, mauls Temperature been 36 above all day little westerly swell. Light southeast wind this evening
		A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 27	Sun.	Northwest wind and clear all day First good day we have had for two weeks. Still a little frost left in the ground. Was up on the hill this afternoon, up high there is about a foot of wet snow No swell to speak of short northwest sea. Temperature this morning 34 above, getting a little colder with this wind, at noon it was 48 above, at 6 P.m. 38 Strong northwest breeze to night Got the big tank full of water now. A Lockner
Feb. 28.	Mon	J Rison Northwest wind and clear all day This morning we had some heavy westerly swell but its going down this afternoon To day I been painting the boat car and Jim was working on the wood pile. Been a fair day little cold this morning Temperature this morning 31 above this evening 30, warm in the sun 2 P.m Temp. 48 above. Very light northerly breeze to night. Beach about the same all gravel. A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Feb 29	Tues.	Easterly wind and clear all day, no swell. To day I been working on the buildings, cleaning and painting, and giving the sash an other coat of oil I also give the boat car one more coat of paint, Jim been working on the wood pile. Passed out for the fishing banks Canedian fishing steamer probably the Foster of Prince Rubert. 10 a.m. Passed out for the banks halibut schooner, T.P.m. probably the Helegoland. Temperature this morning 24 above, this evening 28. Thermometer registered 48 above in the sun at 2 P.m. Clear and light easterly wind to night Dont see no sand on this big runouts.
		A Lockner J Rison
March 1	Wed	Calm and clear all day, no surf Been sharpening picks and cleaning up round camp. I am looking round on the beach for sand every day, but we cant find any. Jim says he is going after mail tomorrow if the weather is fair, hope he make it. Temperature this morning 26 above this afternoon 32. Calm and clear to night Passed southbound S. S. Northwestern 8 a. m.
		A Lockner J Rison

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By A. Lockner

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19 16 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 2	Thu.	Fresh northwest breeze and clear all day Cutting wood to day. Will try to go to fox ranch in the morning, It will take us about three days, thats if walking is good. Would like to let the office know the weather condetions out here at the cape. Temperature this morning 26 above, this afternoon 28. Light northwest wind and clear to night, no swell.
		A Lockner J Rison
March 3	Fri.	Northeast wind and clear all day Temperature this morning 28 above, this evening 26. Passed northbound freigter at 7 a.m. Intendet to go to the fox ranch this morning to send in the log, but had to turn back after we got up the beach about 9 miles, tide not favorable Very hard walking, beach nothing but gravel all the way up. We left the Cape at 6.30 a.m. and got back at 5.30 P. m.
		A Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 4	Sat.	Easterly gale and thick with snow this morning, cleared of at 10.30 a.m. Passed northbound S.S. Admiral Evans 11 a.m. Went on for Cordova. Been working inside all day, cleaning up pantry, and making some doors for breadbasker. Temperature this morning 20 above, this afternoon 26, cold all day. Southeast swell. Easterly wind and clear for night. Had about two inches of snow this morning A Lockner J Rison
March 5	Sun	Light northeast wind and clear all day, cloudy this evening, look like more snow. Been in camp all day for cold for walking. Temperature this morning 12 above, this afternoon 22. Calm this evening no swell. A Lockner J Rison
March 6	Mon	Northeast wind and thick with snow A very bad day. Been cleaning up all the smoked meat to day, meat is not looking very good, guess it will last. Blowing hard here to day, and the snow is piling up all around the houses. Had four inches of snow to day. Temperature this morning 20 above, this afternoon 24. Clear for a short while this evening. Northeast wind and cold to night no swell. Snow and thick at 9 p.m. A. Lockner J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 7	Tues.	Light Northeast wind and clear all day Had two more inches of snow last night. Been shovelling snow to day, snow piles up around the houses in big banks, thats when its blowing. Very cold this last few days Passed Northbound S.S. Alameda 11 a.m. Temperature this morning 12 above, this afternoon 20. Beach are freezing up again, bowlders all full of ice. Light easterly wind and clear to night A Lockner J Rison
March 8	Wed.	Southeast wind and thick with snow for a few hours this morning Changed round to northeast during forenoon ~~to Northeast~~, been clear most part of the day. Been shovelling snow and doing odd things round camp. Sighted Canadian fishing steamer for anchor on north side of island, same steamer passed out southbound 7 P.M. Temperature this morning 24 above, at 2 P.M. 40, to night 9 P.M. 20 Big display of northern lights, more cold weather. Northeast wind and clear to night, very little surf. J. Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 9	Thu.	Northeast and thick with snow this morning Clear and westerly wind at 1 P.M. Not very much surf. We have about 8 inches of snow now, and the weather is not getting any warmer. This morning I took a walk down to the wreck and this afternoon I was doing odd things round camp. Jim been cutting wood and shovelling snow Temperature this morning 24 above this afternoon 28. Been looking round the beach for sand, but there is not any in sight We are having a little southeast swell this evening, southeast before morning I think. Temperature 8 P.M. 28 above. J. Rison
March 10	Fri	Southeast wind squally and cold all day. Had four more inches of snow last night. Not doing much to day, shovelling a little snow and doing small jobs round the house, bad weather for working outside. Look like this snow is going to stay for a while. Temperature this morning 28 above, at 2 P.M. 40, at 8 P.M. 30 above Surf is making some to day, could land all right with small boat.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 11	Sat.	Light northeast wind and clear all day. Been working on the engine beeds fixing the bolts. The Waif called here to day, looking for a chance to land one man on the wreck to prepare some lumber for them. They left our mail at the foxranch so Jim took the boat and went in with them. We still have considerable snow here, get a little every night, acording to what ~~they~~ boys says, must have been a cool winter all along the coast, so I dont think we can complain. Temperature this morning 28 above, at 2 P.m. 48 at 7 P.m. 26 above. Light easterly wind to night, not much swell.
March 12	Sun.	Light northeast wind clear and cold all day. Took a walk down to the point this morning and had a talk with they man on the barge. He is fixing up to stay for a while. Jim is still at the foxranch I dont expect him back for a few days. Been a very nice day and no surf. Temperature this morning 18 above, at 6.30 P.m. 22 This cold spell is lasting longer and I that it would. Light northeast wind and clear to night Shot a fox to day.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 13	Mon.	Fresh Northerly breeze clear and cold all day. Thermometer low all day, not above 30, Temperature this morning 22 above, this evening 20. To day I been hauling some logs of the beach, and cutting them up for wood. Sun have no efect on the snow with this northerly wind. Beach are still in a bad condition, nothing but gravel. Light northerly wind and clear to night No surf. Passed northbound Tug with barge in tow 9 P.M.
March 14	Tues.	Northerly wind clear and cold all day, no swell. Cutting wood and doing other small jobs round camp. Have to keep fire in two houses right along, a long-windet cold spell. Beach all along as far is I can see, is all ice. Temperature this morning 16 above, this evening at 8 P.M. 18 above Passed northbound S.S. Admiral Farragut 4 P.M. going to Ketalle. Light Northerly wind and clear to night, no surf.
March 15	Wed	Strong northwest wind clear and cold all day, little northwest swell. Been cutting some wood and looking over the engines, there is still a foot of dry snow on the ground. Temperature this morning 20 above, at 2 P.M. 40, at 8 P.M. 28. Clouding up in southeast this evening. Light northerly wind and clear to night

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By A Lockner

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 16	Thur.	Southeast wind and clear for a short while this morning. Snowing and thick to 4 P.m. Wind shifted round to northwest with snow and stayed in that direction for about four hours Shifted round to southeast at 9 P.m blowing a gale and thick with sleet. Temperature this morning 26 above, at 1 P.m. 40, at 9 P.m 30 above Been doing odd small jobs round camp
March 17	Fri	Light southeast wind and clear this morning. No surf on the west side all day, good landing. Had about 8 more inches of snow last night, been shovelling snow all day, Fred Arnold took a walk down from the wreck to see me, he is now stopping onboard the barge and intend to stay for a while Started to breeze up from southeast with at 4 P.m. Been very thick since then. Temperature this morning 28 above at 1 P.m 38, at 6 P.m 34 above. Look like southeast for the night thick with snow at 6 P.m.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 18	Sat	Strong southeast gale with sleet Big surf all day. Snow going fast Not doing much to day, just looking over some drains, weather is bad. Guess Jim will have to wait for a few days now, cant make the trip back with this weather. Temperature been 34 above all day, and I think most of the ~~snow~~ will be gone by morning. Still southeast gale and rain at 7.30 P.M.
March 19	Sun.	Easterly wind and clear all day, swell going down fast, good landing for two hours this evening, from 4 to 6. Temperature this morning 34 above, at 1.30 P.M. 60 for a short while in the sun, at 6 P.M. 34 above. There is still a little snow left. Passed southbound S.S. Admiral Farragut 2 P.M. Took a walk out to big stone this evening, Blinker burning all night. Easterly wind and clear this evening.
March 20	Mon.	Easterly wind and clear this morning Heavy overcast. Been out on the beach getting driftwood this morning. Started blowing southeast with sleet at noon Passed in Canadian fishing steamer Foster at noon, hunting shelter I guess. Temperature this morning 30 above, been 34 above all day. Strong southeast wind and thick this evening. Big surf on both sides all day.

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By: A. Loetscher

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 21	Tues.	Southeast wind and clear this morning Squally and thick this afternoon Not much swell to day could have landed on the west side all day, especialy at low tide this evening. This morning I been fixing a new top on one of the heathers and this afternoon gathering driftwood. Still some snow left here at the cape, what is left is going fast. Temperature this morning 34 above, 48 above for a short while this afternoon at 6 P.m. 36 above. Light southeast wind and misty this evening. No sights of Jim.
March 22	Wed	Northwest wind and clear this morning Westerly swell all day. This morning I was working in the dwelling cutting wires and this afternoon getting some wood Temperature this morning 30 above, at 2 P.m 52 above 7 P.m. 34 above Had a little ice on both the Tanks last night. Calm this afternoon with a spell occasionly for landing light northerly breeze this evening.
March 23	Thur.	Calm and clear this morning, southeast misty and thick this afternoon. Took a walk down to the barge this morning after some eggs, and this afternoon I been fixing the pipeline from the small spring to the messhouse Temperature high all day 36 above. Light southeast wind, misty and thick this evening Good landing all day.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 24	Fri	Light easterly wind and clear this morning Good landing on west side this morning Passed northbound S. S. Lathoche 10 a.m. Cleaning up a little round the messhouse this morning, this afternoon I was cleaning out the meat house. Not very much snow left, some goes every day. Strong northwest wind this afternoon and big breakers on the west side Passed northbound freigter 5 P.m. Temperature this morning 34 above, at 2 P.m. 48, at 7 P.m 32 above Northwest wind and clear this evening
March 25	Sat.	Dead calm, and clear all day, good landing all day with a swell occasionly. Beach in bad shape, no sand in sight no place. Started to overhaul the engines to day and getting them ready, Fred Arnold came down here to day, started back on the same tide, he came out to file a saw Temperature this morning 32 above, at 2 P.m. in the sun 60 above, at 7 P.m. 34. No signs of Jim. Calm and clear to night.

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By A. Lockener.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 26	Sun	Light easterly wind and clear this morning, shifted round to west at noon, been blowing a light breze all afternoon. Extra good landing all day on both sides. I am alone still so I have been working all day getting the engines ready, this evening I have been cleaning out the pump well, it was full of clay. Temperature this morning 38 above, at 1 P.M. 58, above, at 7 P.M. 34 above. Cloudy and light southeast wind this evening.
March 27	Mon	Light easterly wind and clear all day, good landing all day, no swell, smooth as a mill pond. This morning I been working on the pump well, this afternoon overhauling the big hoist and the mixer, both very full of carbon, bearings and all other parts in good conditions. I also pumped the two tanks on the hill full, I dont think it will be frosty weather for a while. Temperature this morning 34 above, at noon 44, at 7.30 P.M. 36 above. Snow just about all gone. Passed southbound S.S. Admiral Evans 6 P.M. Calm and clear this evening, heavy overcast
March 28	Tues.	Fresh southeast wind and clear all day. This morning I put a cover over the well to keep all the seaweed from blowing in, this afternoon been cleaning out the office, give it a good cleaning. Temperature this morning 32 above, this evening 38. Cloudy all day. Southeast and clear to night. No signs of Jim.
Good landing all day		

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
March 29	Wed.	Strong southeast wind and no rain, Could see about five miles off shore, squally and thick at times. Cleaning out the bunk-houses to day. Big surf on both sides all day. Temperature 36 above all day. Southeast misty and thick at 10 P.M.
March 30	Thur	Strong southeast wind misty and thick all day. Working in the bunk houses cleaning up. all day. Fred Arnold been here for a short while, sleeting bad this afternoon so I told him to stay over night It is great to have company. He was helping me move the tables to day, an man cant handle them alone so I was glad to have help. No signs of Jim. Temperature 34 all day Raining and southeast wind to night Big surf on both sides all day Temperature at 9.30 P.M 36 above
March 31	Fri.	Southeast wind misty and thick this morning Clear for a short while this afternoon Fred Arnold went back to the barge this afternoon. Cleaning out the potash house this morning. This afternoon I was working on the watertank back of messhouse, leaking bad so I let the water out and walked the leak. No sand in sight on the beach. Passed in for Katalla S. S Aroline 4 P.M. Temperature been 38 above all day Big surf all day, could land at low tide this evening. Southeast and rain this evening.

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By A. Lockner.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 1	Sat.	Southeast wind misty and thick all day. Good landing until 5 P.m. Been hauling all stationary up to ~~and~~ office and had it all plased, this afternoon I was working in the messhouse getting everything ready. To night I am in bunk house No. 1, and I expect to stay here until they gang arrives. Temperature been 36 above all day. No signs of Jim. Blowing a southeast gale this evening Raining hard at times.
April 2	Sun.	Southeast wind misty and thick all day Been working in messhouse all day. Cleaning all the dishes and give the whole house a good washdown. I also stored ~~wath~~ all caned stores on top in messhouse, all I got to do now is to get the tables placed. I got to work early and late now to get ready No signs of Jim. Good landing until low tide this evening, started to break at 6 P.m. Temperature been 34 above all day. Southeast wind with sleet this evening.
April 3	Mon.	Light easterly wind and fog this morning, cleared up a little this afternoon. Been working in messhouse all day. Snow all gone now, ground getting soft. Temperature this morning 32 above, about 36 above all day. Good landing all day Small breakers at low tide. No sand in sight, beach in bad condition. See about five miles off shore this evening

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April. 4.	Tues.	Strong easterly wind and clear all day. This morning I was making two new benches for the messhouse, and this afternoon working on the pipeline between the two tanks, It is all frozen so I have to dig it out. Passed northbound Steam schooner with scow in tow 6.30 A. M. probably the Sna-Yak Passed northbound Gas tender Willard B. and big seine boat 1.30 P. M. Owners Libby Mc. Neil and Libby. Temperature been 38 above all day. Good landing until 5 P. M. Small breakers on reef at low tide. Easterly wind and clear this evening.
April 5.	Wed	Strong southeast gale misty and thick all day. Not doing much to day, to bad to work outside. Temperature this morning 36 above, this afternoon 34. Sleeting a little this evening. No landing to day, line of breakers on reef all day. No signs of Jim. Strong southeast and thick this evening
April 6	Thur.	Southeast gale, raining and thick all day. Looking over drains to day Big surf on both sides all day Temperature this morning 34 above, this afternoon 36. This is the strongest blow we have had since last fall Beach about the same, a little sand on the south side. Clear for a short while this evening

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By A. Lockner.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 7	Fri.	Southeast gale, sleeting and thick all day. No landing, breakers on both sides. Cant do nothing outside, not able to stand up in this gale. Have finished all inside work so there is nothing to do but cut wood and get the pipeline ready. I am very lonesome here all alone, nothing but the dog, and that is not much, better and nothing. Temperature been 34 above all day. I guess Jim got married, dont know what else could delay him. Strong southeast and thick this evening
April 8	Sat.	Still a strong southeast gale with Rain, thick all day. Got up during night 2 a.m., could see blinker flashing, very dark, sleeting all last night, snow on the ground this morning. Cant do anything blowing to hard, must be blowing 60 miles a hour. Temperature this morning 34 above, this afternoon 36. Looking over drains, everything seem to be all right. Strong southeast and thick this evening. No landing to day, big breakers on both sides
April 9	Sun.	Southeast wind misty and thick this morning, Shifted round to south, and clear at noon. Big surf on both sides. Passed in for anchorage Canadian fishing steamer Foster at 11.30. This afternoon I conected up the hot water for the messhouse, had to put in one new pipe and one tee, both broken. Temperature this morning 34 above, at 2 P.M. 58, at 7 P.M. 38. Wind easterly, and clear this evening. Heavy overcast.

Passed in for Valdez one of the Admiral line of steamers 9 P.M.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 10	Mon.	Light easterly wind and clear all day. Passed southbound S.S. Aroline 7.30 A.M. A very nice day, but not much of a chance to land, big breakers on the west side, swell going down fast. This last southeaster cut the beach down on south side about 20 feet. Today I been cleaning up the grounds round the bilidings and doing other small jobs round camp, cant do much alone, got to eat once in a while. Temperature this morning 36 above at 2 P.M. 64 above in sun, at 7.30 P.M. 36 above Light easterly breeze and clear this Evening
April 11	Tues.	Light easterly wind and cloudy all day, clear at times. Temperature been 36 above all day. Good landing at hight tide this evening. Passed southbound S.S. Alemeda 7 P.M. No signs of Jim. Doing small jobs round camp. Ready now for the gang, have been for two three days Fred Arnold are here this evening, and I am glad he came out, pretty lonesome here alone hight easterly wind misty and thick this evening
April 12	Wed	Strong northeast breeze, sleeting and thick all day. Not doing much to day, getting some wood thats all. Temperature been the same all day 34 above. Raining at times. Northeast wind and thick at 8 P.M. Good landing on the west side all day.

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By A. Lockner.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 13	Thur.	Easterly wind and clear this morning, misty and thick this afternoon. Been cutting some wood and piling some brick to ~~to~~ day. Good landing all day. Temperature been the same all day 36 above. Ground getting soft fast, still there is frost left in the ground in some places. Light easterly wind this evening and a little surf, no breakers. Seagulls are getting very thick here now.
April 14	Fri.	Light southwest breeze and clear all day, good landing until 3 P.m. Small breakers this evening. Been working on the hill cleaning up the bunkers. Passed southbound steam-schooner 2 P.m. prabably the Sna-Yak. Temperature this morning 38 above, at 2 P.m. 50, at 7 P.m. 40 above. Been a very nice day. Could be making brick now, but I am all alone. Light south-west breeze ~~and~~ clear this evening. No signs of Jim. Temp. 10 P.m. 34 above.
April 15	Sat.	Light easterly wind and clear this morning Calm and clear this afternoon. Cleaning windows this morning. Jim arived at 12 A.m. Very nice landing all day. Passed Southbound S.S. Admiral Evans 2.30 P.m. Boat give us three whistles, first time this winter. Temperature at 6 A.m. 32 above, at 2 P.m. 66, at 8 P.m. 34 above. Calm and clear this evening, good landing all day. Temp. at 11.30 P.m. 30 above. J Rison

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 16	Sun	Calm and clear all day, best day I have seen at the cape for six months. We been doing odd jobs around all day, thinking that Mr. Dohrer and his men may give been a very good landing smoth as a mill pond all day. Temperature this morning 34 above, at 2 P.M. 68 above, at 9 P.M. 32 above. Light northerly wind and clear this evening no surf. Look favorable for tomorrow J Rison
April 17	Mon	Calm and clear all day, very good landing. Working laying track all morning, this afternoon we been doing odd thing round camp. Passed northbound Cannery Tender 1 P.M. Temperature this morning 28 above, at 2 P.M. 52, at 11.30 P.M. 30 above. Launch Triton arrived here at 5 P.M. got everything ashore O.K. left at 7.15 P.M. Calm and clear this evening. J Rison

Left Katalla at 1 P.M on Launch Triton with the following men. Mike Kiely, Thorgen Casperson, Andrew Wiggin, Thos. Pearce, Peter Forstrand & Leslie Leadbetter of Ketchikan. Ben Little, T. G. White, H. Hosich, Nels Anderson, Pet Barrett. Jule Rudolph, Frank McGuire, Jas Peters of Katalla. Arrived at Cape at 5 P.M. unloaded baggage, groceries & dory & coal. Found everything at camp in first class shape. all quarters clean & ready to move in. everything appears to have been well taken care of and in good order. Unkee left lighter in the slough at Katalla.

F. J. Dohrer
Foreman.

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By A Lockner.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 18	Tues.	Temp. 7 A.M. 34 - 1 P.M. 66 - 9 P.M. 29 Barometer 3 P.M. 29.5 9 P.M. 29. Easterly wind with hail & sleet squalls. Laid track on both beaches for unloading Excavated for Supt. Int. east of old site. Began playing water line from spring to sump checked groceries etc. cleared warehouse for material and began stripping storage bldg. Dohrer.
April 19	Wed.	Temper. 6 A.M. 34 - 7 A.M. - 1 P.M. 7 P.M 38 Bar. 7 A.M. 29.0 - 7 P.M. 29.05 Strong Easterly wind in A.M. bright & clear. very little swell. Northerly wind tonight Continued laying water line & stripping storage bldg. making cabinet for office files. Repairing tents & tarpaulins for Supts Int & moved flour to new site. Dohrer.
April 20	Thur.	Temp 6 A.M. 30° - 7 P.M. 46 - Barometer 29. Easterly wind & heavy swell from S.E. Clear & bright. Continued stripping forms storage bldg. Nels Anderson making filing cabinet for office. Repairing tents & tarpaulins, Completed repairs to Sulphur Spring & playing pipe line & flume. Dunkee arrived 10 A.M with lighter. unable to land on account of heavy swells and breakers on S.E. Beach. Westerly beach is very steep & with only two lines on the fol and so few men Dunkee left at 2 P.M for Wingham Island. Set Lockner to Fox Ranch & Lagoon for store Dory & Hunt & Bacon. which is in the smoke house at the Fox Ranch. Heavy sea running tonight & getting very cold. not much wind. Cannery Tender & lighter passed westbound at 1 P.M. No sand. Dohrer

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By. F. J. Wohrer Foreman.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 21	Fri.	Temp. 7 A.M. 33° 7 P.M. 42° Barometer Avg. 29.05. N. Westerly Light Breeze. Heavy S.E. & Westerly swell. Could not have landed on either beach today. Continued stripping Storage Bldg. and relaying west tram. Overhauled the 6 H.P. Hoist & put in repair parts. overhauled the brake & governer which was sticking & did not cut off good. Am removing the Storage Bldg forms & cleaning the lumber for reuse & cleaning things up so we can get squared away for work. No sand on either beach. Visited the Flasher at the Pinnacle today. everything in good working order. S.S. Farragut passed in at 7 P.M. west bound for Katalla. Wohrer.
April 22	Sat.	Temp. 7 A.M. 34 – 7 P.M. 46 Barometer 29.37 N. Westerly light breeze, Partly Cloudy. Light dead swells. good day for landing. Completed stripping Storage Bldg. Began erection of Supts Tent. Cleaning and sorting form lumber. Grading west side of dwelling to pile lumber for Dwelling. Overhauled the Mixer Engine and rescreened the sand in the bin & cleaned up the bin. No sand in sight as yet. Heavy Slide occured at 2 P.M. from White Stone. Sounded like heavy gun fire. Sorted out Office Stationery & Files. Wohrer.
April 23	Sun.	Temp. 2 A.M. 31½° – Light Frost. Barometer 2.30 A.M. 29.50 – 7 P.M. 29.30 Light N.W. breeze in A.M. Stiff N.W. Breeze in P.M. Bright & clear today but afternoon wind sprang up quite stiff & cold. Unuka arrives off the Cape at 1 A.M. passed ~~thru~~ over the bar at 2 A.M & we made fast. water calm as I have ever seen it except for the side swing of the scow. it was ideal.

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		Began unloading at 3. A. M. and completed unloading to beach at 9.30. Completed hoisting material at 3 P. M. except 100 gal Drum of Distillate which we towed ashore from the launch. all complete at 4 P. M.
		Owing to the low tide the scow grounded & was high & dry on a good gravel beach at the foot of the East Ferry. Floated off at 3 P. M. without mishap.
		I stored the cement in the warehouse 600 sks. & dumped the lumber off the cars in front of the bunk houses.
		We received no mail today.
		Tug Boat passed westbound at 12.30 P. M. today.
		Cohner.
April 24	Mond.	Completed stripping cisterns today, cleaned the gravel bins screened & hauled some sand.
		Piled & sorted the lumber received & check the same.
		Began the erection of a Lumber Shed north side of warehouse
		Continued to clean up the form lumber & pile same.
		Also braced the trestle to haul up water tank.
		Temp 5 A. M. 34 - 7 P. M. 40 - Barometer 29.45
		N. West wind, cold. bright & clear.
		Heavy S. E. Sea running all day. big breakers.
		Cohner
April 25	Tues.	Weather bright & clear. N. West cold wind
		Temp 5 A. M. 39° 7 P. M. 42. Barometer 29.45.
		Moved the Water Tank from foot of hill to point back of office landed tank and foundation & partly leveled foundation today.
		Slides had buried the back & west side of tank & I moved it rather than repair it & dig it out. also saves me building new pressure tank for kitchen & is a good thing for fire protection.
		Screened Sand on the beach today, got 150 sacks from Spit. Slow work packing it so far. Started a dead man for landing lighters. all beach dead men are buried by gravel.
		Heavy S. E. Sea, & breakers all day.

Boat passed West Bound at 7.15 A. M.
" " So. Bound 3.45 P. M.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 26	Wed.	Temperature 5 A.M. 39° 7 P.M. 47° Barometer 29.45. N.W. Breeze. springing up quite fresh in the evening. Today bright. clear & warm. a beautiful day. Quite a swell on from S.E. today. Gathering sand on the beach today, slow work packing from spit to east tram as I have no rails to lay to the spit. Completed placing water tank in position at noon. it took just 1½ days to make the change. 4 men. Began recaulking the tank bottom as it was leaking badly. extending the pipe line from end of pipe under trestle to tank which will replace the 1½" hose now in use. Continued the deadmen on the beach for unloading lighters. Took the brick machine to bunkers. & decided to turn the ~~excentric~~ eccentric shaft so it will work more freely as it is all one man can do to turn the lever over. Had to take the machine apart & found it caked with concrete badly in inaccessable places. Clouding up & blowing hard N.W. tonight, cold wind. Dohrer.
April 27	Thurs.	Temp 5 A.M. 7 P.M. Barometer 29.45. Light westerly wind. warm, clear & bright. Screening & collecting sand on beach. hard to get today. Stored the finishing lumber in lumber shed. Connected the pipe line at old tank location & extended the same on hill, to replace the 1½" hose now in use. pumped water to mess house tank. Began tearing out the blacksmith shop. & graded place for storing faced brick on hill. Finished returning the shaft on the brick machine so it works freely. Dohrer.

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By F. J. Dohrer, Foreman.

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19/6 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
April 28	Fri.	Temp 5 A.M. 7 P.M. Bar. 29.40 Light westerly wind. S.W. Swell. Began chase forms in F.S. for backfilling. Mfg. Brick today. made 1710 Com. Brick. Used 28 Sacks Superior Cement. in 38 batches. Stripped the temp. roof off of Tower today. Gathering + Screening Sand. on beach. Yarded 2138 Faced Brick made last fall. Dohrer.
Apr. 29	Sat.	Temp. 5 A.M. 7 P.M. 42° Barometer 29.55 Easterly breeze. light swell S.W. choppy Easterly. Cloudy. Placed balance of cots in bunk houses. Mfg. brick today made 1450 C. Br. Used 23 Sks. Sup Cement. Heavy waste to the cement which we screen to discard lump. Screening + gathering sand today. Tore out Blacksmith shop so we can move the Carp Shop. S. S. Adm. Watson passed in at 3 A.M. Weather looks threatening. a S.E. wind coming upon a rising barometer. Dohrer.
April 30	Sun.	Temp 5 A.M. 12 M. 52° 7 P.M. 40° Bar. 29.55. S.E. Wind & chop from S.E. with rain squalls + mist. began raining at 6 P.M & continued thru the night the wind increasing from the S.E. untill at midnight it was blowing a gale. bringing a heavy sea. Durkee arrived 10. A.M. tied to East beach at 11.10. completed unloading to beach at 1.50 P.M. Completed hauling from beach to warehouse at 6.15 P.M. only stopped 15 min for lunch. Blowing & raining hard when we quit. Lighter contained 640 Sks cement, 27 Bdls Steel. Hollow Tile Hardware rope etc. We stored the cement before the rain. in which we were fortunate. Men did not arrive as Durkee took them to Katalla & returned to Fox Ranch. from where he left early in A.M. Lucky landing today as a gale followed Dohrer.

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F. J. Dohrer Foreman.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
May 1	Mon.	Temp 5. A. M. 40° 7 P. M. 40° Barometer 29.00 Heavy Easterly Gale with rain & heavy S.E. Sea & breakers. No work today except we tore out the track on the east beach to keep from washing away. Dragged boats to shelter as the wind rolling them over. secured oars etc. Dohrer.
Tues. May 2.		Temp 5 A. M. 39° 7 P. M. 40° Barometer 29.0 Strong easterly wind & Rain. Made finished brick untill noon. Mixed 14 batches used 9 sks Olympic Cement. Made. 565 Brick – 200 Faced & 365 Common. Owing to the rain increasing the moisture in the mix after leaving the mixer I had to quit at noon as we could not handle the brick without breaking. Made 5 B today Sorted & Stowed the last lighter load & check the material Jacked up the Carpenter shop & grading new foundation. In the P. M. the wind & storm increased in velocity & by 9 P. M was a gale with heavy sea. buried most of our sand sacked on the beach 30 feet back from the beach line. the sea cut about 10 ft deep & back about 20 feet on the east beach. plenty of sand today but the wind so strong we cannot work on the beach. Dohrer.
Wed May 3		Heavy S. Easter with rain heavy seas all day. No work today. Temp 6 A. M. 32° 4 P. M. 38° Barometer 28.50. Waked in office all day checking bills & cargo. The crew which come on Watson is still at Katalla. no signs of clearing. Dohrer.
May 4 Thurs.		Temp 5 50 A. M. 32° 7 P M. 39° Barometer 28.50 Strong easterly wind & Heavy S.W. Sea. Breaking all day heavily. Last night the beach on the point cut back about 40 feet. taking out about 10 yds of sacked sand which we had accumulated No sight of either sand or sacks today. I would have moved these back again yesterday but it blew.

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		S.E. so hard it was impossible to work on the beach.
		Hauled Gravel from the east beach today. laid 200 ft of track & hauled 20 yds of Gravel to bins.
		Finished grading for Carpenter Shop & began laying sills.
		Began Painting the Storage Bldg with waterproofing below the grade line.
		Finished forms for backfilling inside F. Sig.
		Began stripping inside of Tower.
		Heavy Seas tonight & at 10 P.M. was snowing hard. 1½ metres of snow in the G. M.
		Ohrer.
May 5	Fri.	Temp 5. A.M. 7 P.M. Bar. 28.9.
		Bright & clear. westerly breeze. Swells have gone down considerable. but still breaking.
		Alameda passed westbound at 7.45 A.M.
		Moving Carpenter Shop to new location.
		Contd Stripping inside of Tower.
		Began erection of 1st Floor Slab form in dwelling.
		Relaid the S.E. Tram & hauled brick sand today no fine sand in sight.
		Durkee arrived at 6 P.M. with Lockner, Talbot, Nelson Stumberg and Austin. also a front quarter of beef.
		Mr. Arnold also landed & proceeded to the Washington wreck.
		After one boat to the Triton. I refused to let the Davy go back so Durkee went around the Pinnacle & landed on the east side. Was going to send Frank McGuire in to Katalla as he is very ill. but Durkee intends going to Wingham to wait for the Evans. so advised Frank to wait.
		Corned beef, old & tough, all gone thank the lord.
		Ohrer.
		No brick today, too cold.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
May 6	Sat.	Temp 5.45 A.M. 34. 7 P.M. 49. Bar. 28.6.
		Westerly breeze. light. S.W. swell. Bright & clear.
		Completed moving the Carpenter Shop.
		Cont'd Dwelling floor slab forms.
		Began Tower forms to Drip Deck.
		Completed stripping inside of Tower.
		Excavated the cave against the east wall of cistern so
		I could waterproof it.
		Began backfilling & walling up around chase in F. Sig.
		Made Finished brick in P.M. 11 batches. 7 sks Pl. Cement.
		made 410 Faced brick. Yarded brick on racks.
		Evans passed into Katalla at 6.15 P.M.
		Wohrer.
May 7	Sun.	
		N.W. Wind. bright & clear. very little sea.
		Temp 6 A.M. 7 P.M. 40. Bar. 29.05.
		S.S. Watem passed So. Bound 4 P.M. S.S. Creoline 9 P.M.
		no Work today.
		Wohrer.
May 8	Mon.	
		Temp 34 5.30 A.M. 7 P.M. Bar. 28.6
		N.W. Wind very cold & raw. bright day. some chop.
		Cont'd Tower Forms & chipping & cleaning steel.
		" Dwell - 1st floor slab form.
		Backfilling inside Fog Signal Bldg.
		Mfg. brick untill 11.30 A.M. when we broke the hooking arm
		of the machine. Repaired this. Made 675 F. Br. 17 batches 9 sks. Pl. Cem
		Leveling for floor Blks Shop.
		Two Cannery Tenders passed westbound at noon.
		Pete Lostrand cuts his finger severly on a tin can.
		unable to use only one hand for a few days.
		Wohrer.
May 9	Tue.	Temp 5.30 A.M. 7 P.M. 38° Bar. 29.0.
		N.W. Wind very cold & raw. especially on tower.
		Cont'd tower forms. & Dwell 1st floor forms.
		Laying tile drains storage bldg. and back fill signal.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Mfg brick today. made 1575 F.Br. yarded 315 today, used 42 batches - 24 sacks cement.
		Began forms to backfill inside tower.
		No sand in sight.
		Used last of canned table fruit today. been out of potatoes 2 days.
		Frank McGuire at work after long illness.
		Dohrer.
May 10	Wed.	Temp 530 A. M. 7 P. M. Bar. 29.05.
		Wind shifted to easterly & not blowing so hard.
		Three masted schooner in tow of a tugboat passed westbound at 7.45 A. M. also a small gas boat at the same time.
		Cemtd forms for tower. began blowing so hard in P. M. that we quit & the helpers. began taking out cribbing back of cistern. & Steinberg repairing office floor & Nelson making bed for Adams & repair carp shop.
		Cemtd forms on dwelling 1st floor. had 1 man cleaning form lumber & piling. laying tile back of oil house & waterproofing storage bldg.
		Screened sand 3 hours.
		Mfg. brick 7 hours. balance of time unloading lighter.
		Chukee arrives at 11 A. M. with scow. landed on west beach. discharged & clear at 1 P. M. moved & began unpacking material consisted of tile, & sewer rock & metal lath. Timekeeper Adams only arrival.
		Began blowing in P. M. from S. E. heavy wind & hail, raining tonight & blowing hard. Bar. 28.80
		Made 970 F. brick today Yarded. 817 F. Br. 13 C. Br. Mixed 22 batches. 19 sks Ply. Cement.
		Freighter, probably Cordova passed westbound at 5 P. M.
		Dohrer.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
May 11	Thurs.	Temp 6 A.M. 47° P.M. Barometer 29.00 S.E. Gale in early A.M. moderating in velocity as day wore on heavy S.E. Sea with breakers on reef. Kukui arrives at 5 A.M. anchored a mile west of camp. They put a boat off at 11 A.M. but did not cross the reef as it was breaking pretty bad. I sent the dory out over the reef and took off Tony Anderson & Bert Hendrickson. Sent the dory to the Kukui at 4 P.M. for three bedding & some Potatoes which we are out of. Went out in dory myself after supper & met Capt Scott. General Inspector. Quite a heavy sea running. So we could not land the cargo on the Kukui. I advised Capt Gregory to land it on Aurkees Lighte at Wingham Island. Cont'd Mfg. Faced Brick - Mixed 40 Batches - 23 Sks. Portland Cement. Made 1425 F. Br. Yarded 1256 F. Br. 10 Com Br. Removing timbering around storage bldg. backing tite & backfilling. Cont'd Inner forms. rigged up the Derrick on the Tower Top. Brought down the brackets & got ready to set them. Cont'd. Dwelling 1st floor forms. Screened Sand. Dohrer.
May 12	Fri.	S.E. Wind & Heavy Sea. & Rain. Temp Bar. 28.8. Kukui. Sets Bouy off C.S.E. no chance to land today in boats. Mfg. F. Brick. ½ day. made 675 F. Br. 21 batches 12 Sks. Portland Cement. Yarded 1479 F. Br. 23 Com Br. Could not work on tower acct wind. chipping brackets & began forms for Ash Pit Areaway. Removed timbering around storage Bldg & backfilled Screening Sand for brick. Began forms for Dwell window sills & Fuel Oil Tank Supports. finished relaying office floor. Kukui lay inside Sea Ranger Reef Tonight Dohrer.

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May 13	Sat.	Heavy Rain with S. E. Wind & sea.
		Temp 6 A.M. 47 P.M. Bar 29.5.
		Worked only carpenters ~~& helper today~~. making form in Shop & clipping brackets.
		Worked balance of crew Sunday & turned time in Sat.
		Oliver.
May 14	Sun.	S.E. Breeze. Cloudy. Temp 6 A.M. 50 P.M. Bar. 29.00
		Kukui. Lights gas lighted buoy this A.M.
		Landed. Balance of crew & Capt Scott inspected the Station. expressed himself as being pleased with the work especially the good looks of the concrete work. Surprised at the progress made last year.
		Rather sloppy landing today, landed the Wireless Outfit & a few boxes. Installed a temporary Aerial & the Switchboard & Receiving Apparatus.
		After Supper. could hear Cordova. Adm. Farragut and Kukui.
		Cont'd Mfg. F. Br. made 1600 F. Br. Yarded 2310 F. Br. 193 C. Br. 41 batches 26 Sks Cement. Oly.
		Gathered & screened sand. began erection of Blks Shop.
		S.S. Evans passed so. bound 11.30 A.M.
		" " Farragut " into Katalla 5 P.M.
		Oliver
May 15	Mon.	Cloudy. S.E. Wind. medium swell. & rain. Bar. 29.0.
		Cont'd. forms for Tower Brackets. Began excavation for Boat House Cont'd. making Faced Brick. made 1435 today. 27 Batches - 22 Sks. Pl. Cement. Excavated found for Office Addition
		Cont'd forms on Dwelling and clipping concrete for bond
	Cont'd	~~Began~~ erection of Blacksmith Shop. completed except roof.
		Began erection of Aerial for Wireless. and tried out the set & found the coil in the rheostat broken & shorted.
		Tuned up the engine & adjusted it for running.
		Yankee arrives at 7.15 with load from Kukui & some

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		from the Farragut. landed on east beach. quite a swell running in & unloading was difficult. night very dark. Had everything off & covered at 10 30 P. M. Mohrer.
May 16	Tues.	Cloudy. S. E. heavy wind & sea, & rain. Hauled the balance of the material from beach & stored the lumber in the shed and the boxed woodwork for Dwell in the Oil House. Took up the drain rear of oil house & cleaned the tile & covered it with gravel. removed timber rear of cistern & began backfilling to lay floor. Built addition rear of Office for engine & warehouse. Completed one Coral for Wireless & strung temporary wire. Cont'd forms in Dwell. Sheathed open side of Lumber Shed. Made Common Brick today till 3 P. M. run out of sand. Made 1345 C. Br. Yarded - F. Br Com Br. 37 bateau 50 Sks old cement. Wind was so strong we could not work on tower no sand on beach today. & wind too high to screen & wheel. as we could dig for sand in beach as we did last year. Mohrer.
May 17	Wed.	S. E. Wind & Rain. Bar. 29.00 Blowing too hard to work on beach or tower. Placed Steel in Dwelling 1st floor & bent same today. Cont'd erection material add to office. Completed Coral for Wireless & installed same. Tested out tonight. Engine pumped hot & heat expands gasoline in tank, forming a pressure so that the gasoline is forced thru the carburator & thrown about by the fan. very dangerous. Called the Zafori & when she answered saying she had a message we could not restart the engine. as it was too hot. Very unreliable & decided to connect the generator

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		to the 9 H.P. Engine: as the operator must shut down to hear and engine is too unreliable to start each time.
		Removed the 8"x8" Timbers under the bunkers back of the oil house, to backfill laying tile drains & backfilling with gravel.
		Began excavation front & side of dwell for laying tile
		Cont'd Excav for Boat House. Cut wood for camp.
		Mohrer.
May 18	Thurs.	+ Rain. S. E. Wind & heavy sea on East Beach. Swell not so bad on west side. Munkee was laying at anchor west of the camp in the lee of the island. Pulled up about 8.30. Breaking on the reef & blowing hard from S.E. Munka towed thru the reef & a sea took off his bulwarks. Put out the Mary & run a line to the scow. Began pulling the scow in, the wind drove Munkee across the line & his wheel cut it in half. The scow was rapidly driven out across the reef & it looked like she would roll her cargo off the deck. Munkee towed her in again we made fast & hauled her in with the engine. Finished unloading at 10 P. M. & had a pretty tough time to unload. broke the lines four times had 2 head lines & 2 springs out. scow surged badly. After getting the plaster ashore we had to hook on with the cable & drag everything else off thru the surf. When line broke it would have cut off a persons head if it ever hit them. Stemberg was injured in the legs. by a box of plaster board falling on him when the scow surged. Everything ship shape at 6 P. M.
		Mohrer.

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May 19	Fri.	S.E. heavy wind & heavy seas from both sides. Decided not to work. Cleared up & about 10 A.M. we began extending the tram on west beach for sand. Quit at noon & Excavated for Boat Hse. Backfilled around Storage Bldg. changed the motor & connected to the 9 HP Hoisting Engine & hoisted it in. Laid drains across the front of Dwell to put in tom for ground for wireless. Cut wood & connected wireless. After supper we worked until 9 P.M. hauling sand from both beaches with both hoists. Hoisted 22 cubic yards. Blowing very hard. but stuck with it Had to do this as I am out of sand entirely. Only part of the men at work. Custard Anderson strained themselves in unloading & are on sick list. Seas so heavy I put out a watchman tonight to watch trams. Dohrer.
Later.		At 11 P.M. the watchman called me & I routed out the men & moved the trams off the beach entirely. Very heavy seas breaking. clean over the west bank into the lumber yard. Removed everything to a safe place. Very dangerous to get some of the track as it is so dark it's hard to watch the heavy rollers. All secure at 1 A.M. stood up till 2.30 to see if it came higher & rescued some plank & ties which had gotten away.
May 20	Sat.	S.E. heavy wind & rain & heavy seas. Temp 41° Bar. 28.7 Watson passed in Katalla at 8.30 A.M. talked to him with wireless & got some news. passed Cordova at 4.30 & sent the first message. Cordova reports we come in very weak. Laid track to east beach & secured 23 yards coarse sand. Cont'd Exc. for boat house & dug out some of the track. buried on beach. Piled the brick in yard. Made window frames for Tower & cont'd shelving in office add. Cont'd laying steel dwell floor. Hauled sand to bins. Dohrer.

Watson passed inbound to Katalla at 8.30 A.M.
Landed 16 40 Com Br.
" 12 65 F. Brick.

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May 21	Sun.	S. E. heavy wind & sear & rain. No work today. Men are grumbling about the straight diet of bacon. Fish boat passed west bound to Wingham at 4 P. M. Dohrer
May 22	Mon.	Clear & bright. Light westerly breeze & fairly heavy swell. Cont'd forms on Tower & Dwelling. Waterproofing Dwell wall & backfilling Dwelling & Oil House. Excavating for Boat House. Placing Steel Dwell 1st floor. Mfg. Faced brick made 1645 F. Br. today 43 Batches 26 Sks cement. Farragut passed So bound at 6 A. M. Crosby So bound at 4 P. M. Dohrer.
May 23	Tues.	S. E. heavy wind & Rain. Turned to howling gale in P. M. Barometer 29.45 - Temp 41° Started to work on tower in A. M. had to quit it. it blew so hard. began erecting Derrick tower. had to quit it. Completed Dwell floor steel & forms. Completed Excav. for front porch and tarred the walls. Completed backfilling rear part of oil house & chipped concrete for bond to lay floor slab. Mfg. brick untill 3 P. M. racks all filled. put men at work backfill inside tower. Began Excavating Sewer toward F. S. from Dwell. Cont'd Excav. for Boat House. Brick made 1445 F. Br. 36 Batches 22 sks Ol. Cem. Total F. Br. made to date 124981. Total F. B. Yarded 95.80 Total C. Br. " " " 28569 " C. B. " 28569. Heavy storm tonight with rain & heavy seas. making the bldgs rattle pretty well. Dohrer

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By Dohrer, Foreman

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May 24	Wed	Heavy S.E. Gale. + heavy seas + misty. Temp 42° Bar. 29.15. The Carpenter made wireless operators table + form for circle opng in ash pit floor + Sig. Two men placed steel in Oil House floor + chipped Overbend. Three men in G. M. backfilling inside Tower + laying the Wt. Well. backforms. of rock. backfilled with earth. Raining too hard + quit at noon. Last of the potatoes today. Served bacon & La. Mode 3 times today. Did office work today. Heavy seas rolling in on west beach tonight. Dohrer.
May 25	Thurs.	Temp. 42° S.W. wind. + rain squalls. Bar. 29.55. Erected the mast for large Derrick on Derrick tower today. Began forms Dwell front porch. Mfg Brick made 1685 F. Br. 40 Batches 28 Sks Cement. Total 14183 Yarded 2950 F. Br. 145 C. Br. = 28714 Tot. 12530 Laid short track to west beach near spit + hauled 18 cu. yds of good sand abv. High Water. Cont'd Excav. for boat House + Excavation for sewer to Dwelling. Laying drains Stg bldg. and 2" galv drain pipe from roofs Stg Bldg, riveted Cug Iron Door Frame Oil House. Began drilling hole for water service Dwell front wall. Made drill first. Tug boat passed west bound at 6.30 P.M. towing lighter Dohrer.
May 26	Fri.	Temp. 34° Bar. 29.50 Easterly breeze. Bright. Completed erection of Derrick. Cont'd forms for Ash Pit Areaway and Dwell Porch. & door sills. Roughing in openings Dwell floor. + chipped tower brackets. Cont'd backfill inside Tower and excavation of Sewer from Dwelling, and cont'd excavation boat house. Mfg brick made 1325 F. Br. 20 Sks cement Ol. 3 + batches. Tot. 15508 Yarded 1650 F. Br. Tot. 14180 At 3 P.M. the Evans landed Supt. Inkham. John Durkin

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		and L. Jensen at the cape. I sent out one dory to the boat and the other Dory over the reef to take part of the freight. Thos. Pearce the cook very ill. sent a wireless to Katalla for a doctor. also for meat. Northwestern passed west bound at 2 P. M. Dohrer.
May 27	Sat.	Temp 28° - Bar. 29.70 - N.W. cold wind. choppy sea. Mfg. brick half day. made 915 Tot 16423 Faced brick. 24 Ba 15 Sks Oly. Concreted floor slab rear oil house. 11 batches 22 sks Oly Cement. Excavated for Dwell Sewer & backfilled coal house & Tower. Hauled gravel & sand. to bunker. Set corner brackets on tower. Cont'd Ash Pit Area. forms. cleaned lumber. and roughing in openings Dwell floor slab. Made mast for Aerial. Punched fish plates for new track. holes too small. Dohrer.
May 28	Sun.	Bright & Clear. Bar. 29.6 - Temp 47. N.W. wind. Sent two men fishing. caught large halibut and 11 black bass as we are out of meat. except bacon. Dirkee arrives at 12.45 P. M. and brings mail and beef and Dr Payzant to see Tom Pierce who is very ill. 14180 1221 15401 Cont'd Tower forms. Made 1820 F. Br. the record yet. This makes a total of 18243 F. Br. to date and ~~14180~~ 15401 F Br. Yarded. and a total of 28714 Com Br. to date. Excavated & laid the drains on east wall of Dwelling. Cont excavation of main sewer F.S. ig to Dwell. Dug out west tram and relaid same on beach. Made a new aerial mast for wireless. Made forms for Ash Pit Areaway F.S. Roughed in openings thru Dwell floor forms. Dohrer
May 29	Mon.	Bright & clear Strong N.W. wind little sea. Temp 43. Bar 29.6. Cont'd Tower forms. and excav. main sewer & drains. Excavated for pit in gauge room & under footing for Dwell water line.

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19 6 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
May 29	Contd Mon	Poured 1st floor Slab for dwelling. 7½ hours. used 61 batches 93 sks cement. Oly. Contd Dwell Porch & step forms. & forms for dwell window sills. Erected one Aerial mast & ready to raise the other. Completed West tram and tested for plaster sand. made flume for washing same. Dohrer.
May 30	Tues.	Decoration Day No. work. N.W. Wind & heavy chop. light swell. Bar 29.5. Temp 40° Tom Pearce, Cook. was taken with severe convulsions early this A.M. they lasted untill 6 P.M. Patient was unconcious. very rapid pulse, reaching as high as 120 P.M. and an after pulse as low as 60. Assigned two men, Mike Kiely & Tom White to care for him. About 10 P.M. patient rested easier. and at 3 A.M. had another light attack. I stand up untill 12.30 & saw the patient again at 7.30 A.M. he seemed to have rallied. & partly concious. Sent wireless for Doctor. called 11 A.M. till 8 P.M. before Dohrer raising Cordova.
May 31	Wed.	N.W. wind. light swell. rain squalls. Bar 29.4 Temp 42° Contd forms of Tower and Dwell porches and window and porch sills & caps. Concreted one sill. Contd erection Wireless Aerial. Began forms chase pit. tower. Contd laying west tram & began screening plaster sand and washing same. Made 1400 Face Br. Total of 19643 to date. 32 Batches 21 sks Ab C. Yarded 2705 F.B. a total of ~~16885~~ 18106 F.B. Ydd. Contd Excavation for Sewer to Dwell & laying drain Dwell. Dirkee arrives at noon. with some freight. radiators etc. Decided to send Pearce in to Doctor with Mr. Linkhams approval. thence to Ketchikan. Sent Tom White & Mike Kiely with him. gave Kiely transportation to Ketch. for Pearce & himself & himself to return here. Dohrer.

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June 1	Thurs.	Cloudy. S.E. breeze. Temp 47° - Bar. 29.35 Placed steel in tower form at brackets. & began sheathing up the outside form. Contd excavation for Dwell. side porch and main sewer from dwelling toward tower. Made 1675 F.B.r. today a total of 21318 to date. Mixed 42 batches. used 42 sks. Ol. Cement. Completed the Wireless Aerial. Contd exc. boat house and contd forms Weight chase, tower and sill & cap moulds for dwell. windows & porches. Dohrer.
June 2	Fri.	Cloudy, rain in P.M. S.E. Breeze Temp. 42° - Bar. 29.10 Contd. forms, tower & tower chase. completed forms for window sills & copings Dwell & Bt & Hoist Hse. Contd. laying sewers. screened & washing bricklaying sand. 4 yds. cost $7.00 or 1.75 per cu. yd. Laid track to sand pile near spit & hauled. 14 yards to bin. screening same on beach. Most of crew excavating for foundation boat house. Dohrer.
June 3	Sat.	S.E. Breeze. light swell. bright. Temp 47° Bar. 29.35. Completed tower forms. and built runways to wheel concrete. Began chase forms in Fog Signal. Cast concrete windows sills & porch copings for Dwell & Boat House. & laid water pipe thru Dwell wall & leaded in. Completed Boat house excavation except engine found. Contd making brick. made 1505 corner brick 41 batches 30 Sks cement. Lowered small derrick from tower. began to change guy when the derrick, swung, kicking the mast out of the step & fell back on oil house roof. ~~[illegible]~~ fortunately no one was hurt. Got the derrick mast back in position today. Evans reported into Katalla tonight will call for Tom Pearce. Farragut west bound at Latuya bay 8 P.M. Dohrer.

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June 4	Sun.	Cloudy. S.E. wind. light sea. Temp 43° Bar. 29. Farragut passed into Katalla 5 P.M. Talked with by wireless here at Wingham Island. No work today. Dohrer.
June 5	Mon.	Cloudy. S.E. wind & rain. Temp 43 Bar. 29.0. Completed excavation of side Dwelling Porch. Completed east chase wall from F. Sig Bldg. Began erection footing forms for Boat house. Cont'd. cleaning up brush & burning. Made faced corner brick in A.M. 24 batches 15 sks Pl. Cem. made 870 F.C. Brick a total of 23375 F.C. Br. w/a total of 23683 Faced Brick to date. Poured the balance of the tower in P.M. from the bottom of water tank to top of brackets. Mixed 22 batches. used 34 sacks cement. Washed 4 cu. yds of sand today. used 2 yds for concrete and brick. Cut steel angles for chase etc. Dohrer.
June 6	Tues.	S.E. Breeze. Cloudy & rain squalls. Bar 29. Temp 52. Cont'd forms Boat House & began forms Dwell side porch. Excavated for Dwell side porch. yarded Corner brick. 1459 yarded. 56 culls. Made 800 Corner Face Brick total of 24483 Face Br. to date. Made. 1440 Com Brick. Tot. 30154 C. Br. 54 batches 36 Sks Pl. Cement. Washed bricklaying sand. & cast window sills Tank supports etc for Dwell & Lift. Cutting opening in Dwell basement wall for flue opening. Dohrer.

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June 7	Wed.	Easterly breeze. light swell. Temp 57°- Bar. 29.3 Bright & clear. first real spring day so far this year. Completed forms Boat House except Eng found. Cont'd forms for Dwell side porch. Sent two men fishing caught a 150# halibut & a wash tub of black bass. Concreted Lish Pit Areaway walls. Coal House and Guage Room floor. completed hole thru dwell wall for flue opng. worked awhile on derrick mast. Washed buckelaging sand, & got gear ready for unloading lighter expected in early A.M. Dohrer.
June 8	Thurs.	Easterly light breeze - light swell - Cloudy, short rain squalls. Temp 46°- Bar. 29.3. Completed forms, Bt Hse. Cont'd forms Dwell side porch. fitted chase angles in F. Sig. Durkee arrives at 1 A.M. went around pinnacle and landed on east beach. tied at 2.30 A.M. used small crew for landing, very light swell. heavy load of Ill. Cit Tanks. Cell structural steel, Asbestos shingles all mill work. Barrett Roofing, & radiators & heaters. Roused the entire crew at about high water, began unloading at 4 A.M. discharged at 6 A.M. Capt. Finkham left for Katalla with Durkee. began again at 7 A.M & landed cargo at 4.30 P.M. all steel on hill lumber, shingles etc in and near warehouse, heavy material took all crew except Carpenters Dohrer.
June 9	Fri.	Heavy easterly gale & rain. Temp 41°- Bar 29.2. Concreted Boathouse foundation walls. & completed form for engine foundation. Made forms for Dwell wind sills, cast concrete window sills, Fuel & Ill Cit Tank supports. Began excav. Hoist House & cont'd Dwell Porch forms Dohrer.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
June 10	Sat.	Easterly gale & heavy rain. Temp 38° Bar. 29.2. One carpenter and helper assembling Boathouse door frames & windows & unpacking finished lumber from crates. had a few men storing finished lumber which was under tarpaulins. removed track from west beach owing to heavy seas. Dohrer.
June 11	Sun.	Easterly wind & rain. Temp 41° Bar 29.10. Concreted the Engine foundation. Boat House. " " floor east side of chase. in Fog Signal. Made stiff legs for Derrick but too windy to raise. Began stripping Fog Signal Roof. Cutting out ventilator forms Dwelling. changed chutes etc for pouring Dwelling porches. Excavating for Hoist House. Hauling sand & gravel. Watson passed in at 8 P.M. Westbound. Dohrer.
June 12	Mon	Easterly Gale & rain. Bar. 29.1. Temp. 41° No work except rescuing crates of sheet metal etc. Woolies nearly tore down the camp today.
June 13	Tue.	Easterly Gale, rain & heavy seas. Temp 40° - Bar 29.1. No work. today acct storm. Dohrer.
June 14	Wed.	Cloudy. westerly breeze. swell dying. Bar. 29.35. Temp 47° Durkee arrives with Bricklayers & Kiely at 1 A.M. Discharged with dories. Sent Kiely & Rainwater in with Durkee to do the waterproofing at Heuchinbrook. Completed forms dwell porches & poured same. Cont'd forms Fog Sig chase. Assembled Boat house door & window frames & Dwell. Began laying tile in Dwell. rear wall. and finishing floors & engine bed boat house. assembled heaters. erected derrick stiff legs & stripped F.S. Roof. Washed bricklaying sand and hauled gravel. Dohrer.

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June 15	Thurs.	Cloudy. easterly breeze - Bar. 29.3 Temp 45° - Completed laying tile in Dwelling Retaining wall and made boxes etc for Bricklaying. Began erection of Boat House. Continued forms F.S. Chase. Contd assembling window & door frames. Began framing rafters for Boat House. Completed Derrick Stiff Legs & bracing made door fasteners for Boat House. Made concrete wind sills & Tank supports. Began stripping outside tower wall in fog signal & roof off F.S. Bldg. Transferring brick to Boat House. Moved & unpacked windows & doors in Oil Room & transfered to Carp. shop. screened & washed sand for bricklaying, and assembled Heaters & ck. same. Dohrer.
June 16	Fri.	Cloudy - Easterly wind Bar. 29.3 - Temp 46° - Contd. Bricklaying Boat House. three masons. Laid the finished floor in Fog Signal east & south side of chase. Contd chase forms. F.S. & assembling doors & window frames. Contd framing Bt Hse Rafters. Chipping out concrete for window in Guage Room and tower window. Repairing Camp roofs where leaking. Completed stripping F.S. Roof & began erecting struct steel roof. Bolts, wrenches and drills are missing yet. Began Excavation Hoist House. Hauled gravel & screened & washed sand. Rigged the derrick & set up guy lines. Concreted ~~main floor~~ chase fog signal & ~~Tower~~ including chase walls. Dohrer
June 17	Sat.	Cloudy, some rain. Bar. 29.2 Temp 47° - Contd erect. boat house. & laid finished floor F. Signal. Contd assembling window frames. made platform supports for bricklayers & rustled stagging etc. Repairing camp roof as they are all leaky. Finished roofing blacksmith shop.

Quekee arrives with laborers from Cordova.

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June 17th	Cont'd	Cont'd erect roof Fog Signal. Began excavation main sewer to connect Fog Sig to Dwelling. Hauled gravel & screened & washed sand. Cont'd to clip Gauge Room & tower window: concrete so hard the tools dull & break very quickly. Cont'd Exc. Hoist House. Dohrer
June 18	Sun.	Cloudy: rain squalls. sea smooth. Laid brick in Boat House. concreted main floor F.S. & chasewall & floor tower. Completed forms & placing angle irons F.S. chase & door anchors. Set up window & door frames boat house. set up platforms for bricklayers cont'd excavating main sewer & grading bank to land material to F. Sig. Hauled gravel. cont'd steel work F.S. Roof. Sent two men out fishing as we are out of all meat. Cont'd Excav. Hoist House. Worked today to make up for days lost early in week. Dohrer
June 19	Mon.	Cloudy & rain squalls. Sea smooth westerly wind. Land finished floor in F. Signal, used all my canvass to cover and make temporary roof. Cont'd erecting Boat House. began framing dwell rafters. Began laying main sewer & water line to dwell. Concreted Dwelling side porch. floor. making platform supports for bricklayers & mortar boards. Cont'd clipping gauge room window. & tower window. & clipping dwell wall for bond to brick veneer. Cont'd Exc Hoist House. difficult owing to so many rock needed breaking. Laid track & overhauled gear for unloading lighter. Aerolites passed in 5 h. m. Dohrer.

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June 20	Tues.	Bright & clear. round till 8 P. M. sea smooth. at 8 P. M began to blow & choppy sea began to run from S.E. No sign of Clarkee. got wire at 4 P. M in tomorrow. Completed laying main sewer & water line as far as branch to F. Signal. Backfilled sewer & graded high bank between F.S. & trans so we could unload from cars on hill. Fitting windows & doors in position in Fog signal Cmtd chipping gauge room & tower window. Cmtd framing Dwell rafters & laying brick boat house. Straight inside of tower ready for erecting Weight Flue & Service Room. Plastered in the window & door frames. Packed brick to Boat House Mfg. Brick made 745 Faced Corner Brick & 950 C. Br. Mixed 40 batches 20 sks cement. Grub pretty weak without meat. Dohrer.
June 21	Wed.	Blowing S. E. Heavy swell. Bar. 29.0 Temp 43°. Clarkee arrives at midnight. heavy swell running. after about half hour wait decided to land scow on west beach & see what I could do with it. Had 10 Tons coal. balance of cargo heavy iron work for tower. Could not hold lighter close to beach so we used both hoists & dragged it off except the glass & coal. Scow pulled out both Deadman & got to swinging, run the old dory along side to land the coal. as it was half unsaked. rotten sacks poorly fastened. got a tin in boat and got her out of water on beach. bolt pulled out. scow took a heavy plunge & swung on top of dory crushing her. was all rotten & unfit for use anyway. Cargo all discharged at 5.30 A. M.

June 21 Cont'd. Took all day to get cargo up from the beach.
Cont'd framing Dwelling Rafters & Bricklaying
boat house. began laying tile in fog signal.
Landed all tower & fog signal material on hill

June 22 Thur. Bright & Clear. N.W. wind Temp 42 Bar. 29.3.
Cont'd brick work Boat House & framed plate.
Cleared & packed brick to Dwell & hauled sand etc.
Began fitting sash in window frames.
Began erecting & completed setting weight flue
in Tower.
Built brick chimney to top of wall Fog signal.
find that bottom purlin comes directly in chimney
flue. find that none of the bolts sent fit the weight
flue flanges.
Began assembling radiators for Fog Signal & tower.
Excavated Hoist House & backfilling front of
Dwelling, stripped porch forms & cont'd clipping
tower & gauge room windows openings.
Washed sand.
Mfg brick today made 2050 ~~940~~ common brick. ~~600 face brick~~
Yarded 2081 brick. 47 batches 31 sks cement.
Cont'd work in heating plant.

June 23 Fri Bright & Clear N.W. wind Bar 29.3 Temp 42°.
Completed erection Boat House Brickwork. & began
setting plates. etc.
Cont'd. fitting window sash. making form for base
Fog Signal & Tower.
Began brickwork in Dwelling. & set door frames.
Cont'd backfill front Dwell. & Exc. Hoist House.
Mfg brick half day made 1015 common brick used
16 sks cement 23 batches.
A total to date 31104 Com Brick 28293 Face Br.

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June 23	Cont'd.	Cont'd erection Iron Wk Tower. completed service room floor & placed partitions etc in place. placed I Beams top tower & began setting in place. began setting stair way to service room & find a ball of top riser at service room floor for main floor. risers of late make 13½" riser. plate not made according to plan & riser would not fit under any circumstances. Assembling wall radiators & waterproofed F.S. walls & laid tile.
		Dohrer.
June 24	Sat.	Cloudy - N.W. wind. Temp 49° Bar. 29.4 Continued making brackets for wall radiators in F. Sig and drilling holes for setting. Setting I beams each side of weight flue and setting bottom risers tower stairway. and concreted these in place. Cont'd to assemble window frames and fit storm sash & well. Began erecting Boat House Roof. Making forms for F. Sig Base mould. Laying tile in F Signal bldg and pointing windows. Chipping cisterns for water proofing. Screening & washing sand for bricklaying. Waterproofing inside F. Sig bldg. Made brick half day, made ~~1015~~ 1980 Faced Corner brick. a total of 3 1104 Com. Br & ~~29 208~~ 30273 F. Br. to date. 23 batches & 16 Sks Ill. Cement. Continued brickwork Dwelling and set door frames. Backfilled in front of Dwelling for working space. Continued excavation of Horse House.
		Dohrer
June 25	Sun.	Bright & Clear. westerly breeze. Temp 52° Bar. 29.3 No work except. cook house & unloading launch which arrived at 1 P.M. with lumber etc from Farragut. Wright Leckey & Miller arrive.
		Dohrer

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June 26 Mon. N.W. Gale. sea choppy. Temp 42°. Bar. 29.45.
Contd work heating plant F. Sig. Bldg.
Cut out the end of the short I beam in the tower, cut and drilled angle bars for new foot and riveted same & placed in tower, trued & concreted same in place.
Chipped out the sides of the tower window opening to allow windows to go in wall. Opening cast according to plan & windows built with flanges on each side and none on top as shown on plan.
Continued erection of Boat House roof. and fitting dwell sash.
Continued building chimney in Fog Signal. find that the lower purlin, east elevation comes directly over chimney opening. Also find that truss "D" on F.S. Roof is made same as Truss "C" & as truss C is right hand truss. "D" should have been left hand. will have to redrill holes in bottom plate to throw the truss on center and so it will be perpendicular. Find service room floor plate at head of stair is not cast consistent with drawing. and bolt hole bosses are four inches deep. have wired the office to this effect. Had the machinist start to caulk. the seams in the Ill. Oil Tanks. caulking forces seam apart and flanges the iron. as metal is too light. Leaks badly about rivets at corners leaks seem to take up as the tank sets. but afraid that the Ill. Oil will act the reverse. cutting out the rust & allow it to leak again.
Contd to move material to hill. Strept Boat Hse Found. removed brick platforms etc & leveled the floor inside Boat house. Moved the 6 H.P. Hoist in on new found. and connected same.
Made. 2205 Corner brick, faced. a total of 32478 Face brick and 31104 Com Br. a grand total of 63582. to date.
Contd excav. Hoist House.

Dohrer.

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June 27	Tues.	N.W. wind. cloudy with rain squalls. Temp 52 - Bar 29.45. Assembled wall radiators and riveted. angle irons on chase F. Sig. Setting H. Met. Door in Oil House. Contd. fitting Dwell. sash. Boat House roof & brickwork Dwelling. Tile in Fog Signal. wall radiator brackets. Screening & washing sand and Excav. Hoist Hse Fd. Durkee arrives at 7.30 P.M. got scow on east beach about 9 PM & began unloading. Beached scow at high tide and about midnight began unloading compressors and Deck plates tower. Completed at 3. A.M. Durkee got off beach at 9. A. M. Wednesday. unloaded without mishaps. wind turned S. E. at 10 P.M. & began blowing with heavy fog. everything shut in No bolts for F. S. Roof steel yet. Dohrer. Moving material from beach. overtime completing ~~un~~loading Compr.
June 29	Thurs.	Cloudy. S. E. wind & rain. Temp 48° - Bar. 29.3. Laid brick Dwelling till 2.30 quit, rain making motor run. Moved one compressor. on bed in F. Sig. today. Excavation & Hoist Hse. half day. moving material from beach balance day. Contd ~~Fig~~ Bt Hse Roof. and began chipping top of weight flue in tower. should have been machine faced so the watchroom floor plate would fit over top of pipe. Continued to fit Dwelling sash & pulleys. in assembled sash. Dohrer.
June 30.	Fri.	Easterly Gale. & heavy sea with rain in P.M. Bar 29.2 Temp 50°. Continued bricklaying Dwelling, Completed Moving all material from beaches & tore up track to safe place. Continued chipping top of weight flue by erecting a shelter top of tower for workman. Setting the second F. Signal Compressor on its bed. Chipping the cisterns for waterproofing & plaster. Drilling wall for drill press & wall radiator brackets.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Continued Boat House roof & fitting sash to dwell window frames. about 4 P.M. began difficult to work on account of storm. Dohrer.
July 1	Sat.	Rain & Easterly high wind in A.M. Temp 50° Bar. 29.2. began erecting watchroom floor and find we have to true the flanges resting on the I beams. plant working fine & no trouble to land deck plates. Find that we will have to refit the air lock in the service room. this will cause a delay completing the watchroom deck. Contd bricklaying in afternoon & ex cav. Horst Hse chipping cisterns. weather clearing up. Dohrer.
Sun. July 2		Clear & bright Easterly wind heavy sea. Bar. 29.15 Temp 55° no work today. Received news of Tom Pearce Death tonight. Dohrer.
Mon July 3		Easterly wind. light seas. Cloudy & threatening. Bar. 29.2. Temp 52° Continued bricklaying dwelling. and roofing Boat House. Erecting watchroom floor. owing to the unevens of the flanges on the underside of the deck plates. we had to chip these where they set on I beams and brackets. Began fitting Service Room Partitions. grouted Engine beds Fog Signal. Framed Dwelling porches. screened & washed Bricklaying sand & Excavated Horst House. Experiencing difficulty in Horst Hse Excav. owing to big boulders & slide rock. Dohrer.
July 4	Tues.	N.W. high cold wind. very cloudy. choppy sea. Temp 46° Bar 29° No work today holiday. Day gloomy. held Kangaroo Court in afternoon. Men dull & restless. ~~Dohrer~~. Durkee arrives at 7.30 P.M. with mail. railings & meat. T. White left to Katalla on business & Nels Anderson for sore teeth. Mr. Wills. Asst. Supt. arrives at Cape. Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 5	Wed.	Cloudy & rain. westerly wind. Bar. 29.4. Temp 55° Continued erection watchroom. considerable trouble to make new plates fit to older castings. Cont'd. Dwelling Brickwork, roofing Boat House and excavating Hoist House. Bricklayers had to quit at 2.30 account of rain. Unpacked copper gutters & cornice & began to straighten it out. No bolts arrived for F. Sig roof. Began fitting service room. and straightened out the plates etc. badly bent. Completed half of dwelling to second floor level. Dohrer.
July 6	Thurs	Cloudy. no wind. very calm. Temp 60° Bar - 29.4 Continued erection of watchroom. no bolts for service room but will make same. cont'd. drilling anchor bolt holes for wall radiators. Built scaffold for building up wall under watchroom deck. Have to draw very hard to draw watchroom castings in place. Cont'd dwelling brickwork. nearly ready for studs first floor. Framed first floor studs & plates & bridging. also porch rafters etc. Continued erection of chimney dwelling. Mixed all cement & plaster to check amount and condition. Found it is impossible to put exhaust in chase as per plan. Dohrer.
July 7	Fri.	Cloudy - Framed & assembled dwelling front Porch. and made gutters for same. Began forms for Hoist House & continued excavation for foundation. Foundation is entirely loose slide rock & boulders and needs breaking to handle. making excavation slow.

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July 7 Cont'd.		Began setting studding in Dwelling and erection of second floor.
		Blacksmith at miscell. shop work.
		Machinist working on trumpet and engines.
		Continued shingling roof of Boat House, same men engaged in erection bricklaying platforms when needed.
		Hoisted lumber to hill, screened & hauled gravel to bin.
		Concreted Tower walls and brackets under watchroom deck.
		Cont'd erection of watchroom.
		Cont'd bricklaying Dwelling.
		Oehrer.
July 8	Sat.	Clear. N.W. breeze.
		Began laying out heating plant etc Dwelling.
		Continued brick work Dwelling.
		Cont'd Excavation and forms Hoist House.
		" Carp work laying Dwelling 2nd floor.
		Made forms for Dwell side porch coping.
		Laid Drains and backfilled boat house.
		Completed Concreting walls and brackets under watchroom deck.
		Cont'd erection of watchroom.
		Set brackets for wall radiators in F. Signal.
		Cont'd haul gravel to bins.
		Washed and hauled bricklaying & concreting sand.
		Durkee arrives in G. M from Henchinbrook & Cordova.
		Bringing Bortoff & Arnold and Arnold's plasters & helper also Mike Kelly & Jack Ramwater.
		Put plasterers & helper at work working over & checking the plaster. they find larger part is no good.
		Oehrer.
July 9	Sun.	Bright & clear. N.W. wind.
		One Carpenter and helper erecting forms for Hoist House
		Two men fishing. out of meat.
		No other work.
		Oehrer.

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July 10	Mon.	Clear & Bright. Light westerly wind.
		Made lead flashing for Dwell porches.
		Completed forms for Hoist House and removed big boulder.
		Continued bricklaying and building Dwelling second floor.
		Continued erection of watchroom. Tower.
		Hauled gravel for concreting Hoist House.
		Screened and washed sand.
		Began waterproofing and plastering cisterns.
		Put a man on tonight pumping to ~~tak~~ tank.
		Continued screening & washing sand.
		Drilled anchor hole in tower. Dohrer.
July 11	Tues.	Cloudy westerly breeze.
		Began roughing ~~bathro~~ in bathroom dwelling.
		Completed forms Hoist House Foundations and engine found.
		began and completed concreting hoist house & found. engine.
		Continued bricklaying and carpenter work Dwelling.
		Contd ~~plastering~~ waterproofing cisterns. one plasterer went out of his head and one helper was completly overcome and the other plasterer was in a dazed condition from the fumes of the waterproofing. Had to quit today. lack of ventilation in cisterns.
		Began fitting sash in boat house windows and ripping up crate for headers in dwelling.
		Continued to wash and screen sand and hauled material to hill.
		Durkee arrives 10 A. M. with launch only, & freight from Evans. Dohrer.
July 12	Wed.	Cloudy N. W. cold wind.
		Contd Plumbing, Bricklaying & Carpenter Work. Dwelling.
		Began forms in Cesspool.
		Continued erection of Tower and
		Put in four inch pipe for floor drain in Oil House

Discharged E. Miller, machinist helper for using finished lumber to build himself a bunk without permission.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 12	Cont'd.	Continued to wash and screen sand for bricklaying and concreting. Began plastering the cisterns. Machinists erecting Trumpet supports. Launch Waif arrives at 6 A.M. with Nels Anderson. Dohrer.
July 13	Thurs.	Cloudy. N. westerly wind & fair sea running. Continued bricklaying dwelling, reached the top of the east wall at both ends of house. Continued carpenter work first floor. door openings etc. Continued roughing in plumbing and service pipe. drilled first floor for radiators. Continued screening sand & washing also hauling gravel. Continued plastering cisterns machinist setting trumpet & erect lantern. Dohrer.
July 14	Fri.	Cloudy & N.W. wind. Continued bricklaying dwelling, plumbing and carpenter work. Continued erecting Lantern. screen & wash sand & haul gravel. Continued forms cesspool. fitting boathouse windows etc. Drilling radiator openings in Dwell. first floor. Dohrer.
July 15	Sat.	Cloudy & threatening. heavy swell. Continued bricklaying Dwelling also plumbing & Carpenter work on first floor. If weather holds off will complete the brickwork ready for the roof tomorrow

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July 15	Contd.	Completed brickwork Dwelling & began pointing scratched joints. Placed plates etc ready for studs 2nd floor. Backfilled Hoist House found. Completed erection of lantern framework including roof. Began hanging Big Doors on Boat House. Had plasterers point the eaves on storage building Hoist Hse & engine foundation & ash pit areaway.
July 16	Sun.	Cloudy. S.E. wind & rain squalls. Out of meat. sent two men fishing brought back four halibut about 250#. No other work except kitchen. Dohrer.
July 17	Mon.	S.E. wind & rain in A.M. no work. Cleared in P.M. worked in afternoon. Began studding second floor dwelling and roof. Railing on Lantern & Lant. Deck. No litharge or putty to go ahead placing glass. Completed tell F Sig Bldg. & began filter wall in cisterns. Machinist working on air lock. Service Rm. Brickmasons pointing wall in late afternoon afraid to go ahead in early afternoon. threatened rain again would wash mortar color over brickwork. erected tent over hoist house. to go ahead with brick work on hoist hse. moved mortar boxes. & packed brick to hoist house. Evans reports got missing bolts for Fog Signal. Washed sand hauled lumber to hill. & sand to hoist hse. Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 18	Tue.	Cloudy —
		Drilling & fitting brackets in F. Sig. for wall radiators
		Continued work on Dwelling 2nd floor studs and erecting roof.
		Stripping forms & scaffolds from Tower water table to water table
		Moving material, sand gravel cement & lbr. to hill.
		S. S. Evans passed so bound at 2 P. M. & put off a dory and
		put Edw. Bottorff aboard for Seattle. also received the
		bolts for the Fog Signal Roof ordered from the Copper Riv.
		& N. W. Ry at Cordova. also the box of Wright's tools
		which were carried by northbound.
		Began work bolting up Steel in F. S. Roof.
		Began brickwork erecting hoist house.
		Grading front Dwelling. Washing & screening sand.
		Cutting wood on the clearing west of camp.
		Continued erection of lantern. erection of air lock service
		room and began erection filter wall in cisterns.
		Dohrer.
July 19	Wed.	Fair westerly wind.
		Continued roughing in Plumbing in Dwelling
		Continued Carp Wk. Dwg 2nd floor & roof.
		Framed rafters for Fog Signal roof.
		Washed & screened sand & clearing for camp wood west of camp.
		Continued work on Struct Steel. Fog Signal Roof, erection of
		lantern & service room. Cont'd erection Hoist House.
		Began work on Heating Plant in Dwelling
		Completed stripping forms & scaffolds on Tower.
		Continued bricklaying Hoist House.
		Cleaned out Dwelling floors & basement.
		Completed, filter wall in cisterns.
		Duke arrives at 8.30 P. M. went around the Peninsula
		and landed at 9.30 P. M on east beach.
		Mr. Linkhorn arrives.
		Brought cargo of Furniture. and cement & Oil.

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No meat arrived or vegetables.
Completed unloading 8 cement in warehouse at 2 P.M.
Wohrer.

July 20 Thurs. Clear & bright.
Cont'd heating system in dwelling & plumbing.
Continued Carpenter Work dwelling 2nd floor & roof.
Cont'd Steel work on Fog Signal roof. iron work
air lock Service room. and lantern.
Hauling & storing furniture and Ill. Oil.
Continued erection Hoist House and Painted Tower
water table.
Built scaffolds around dwelling for cornice work
& pointing brick joints.

Wohrer.

July 21 Fri. Clear & Bright.
Cont'd Htg system dwelling. erection dwell
& F. Sig roofs. Carpenter work dwelling 2nd floor.
Built chutes to cesspool for concreting same.
Hauling lumber to hill for dwell & F.S. Roof.
Fitting pipe for Hoist in Hoist House.
Cont'd. erection Service Room & Tower.
Drilling holes in concrete walls dwg. basement
for heater pipes.
Making anchor bolts for F.S. Roof Trusses.
Completed brick work Hoist House except ridge
of partition wall. Checked lantern glass.
Began laying basement finished floors.
Wohrer

July 22 Sat. Cloudy -
Began erection of Gutters on Dwelling Roof.
Began glazing lantern.
Continued sheathing dwg. Roof.
Erected stairway service room to lantern deck.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 22	Contd.	Contd drill holes in basement walls Dwg.
		Completed chutes for concreting cesspool.
		Contd erection service Room & attaching trumpet F.S.
		Began painting Tower.
		Pointing joints in Dwelling left out for lack of mortar color.
		Contd. laying basement finished floors.
		Dohrer.
July 23	Sun.	Cloudy — Bar. 29.2.
		Continued work on Dwelling roof gutters.
		Began Fog Signal roof. Laying rafters.
		Worked on roofs & gutters at Mr. Finkhams suggestion.
		Also worked redrilling purlins on F. Sig roof as holes were omited next to Tower wall on east side of tower.
		also several holes were drilled out of line. I had J. Durlein and helper drilling holes two days @ a cost of $16.00
		Machinician and two carpenters glazing lantern glass.
		As we are out of meat. sent two men fishing. brought back 200# of Halibut.
		Painting Tower. roof of Lantern.
		Wired to Dunkee yesterday to come for men laid off.
		Owing to his being up Marten River with coal. he did not get my message untill 7 P.M tonight
		At 12 midnight a launch whistled. we supposed it was Dunkee & roused all hands leaving.
		Proved to be the Pioneer with meat from Cordova.
		Sent the men in with her. Those leaving where Cost Supt Mr. Will. Bricklayers Kyle - Hoofs & Naylor. Laborers. Larvig, Hansen, Carlem, Thomas. and Geo. Taylor. Chas Carr. chgd. 15.00 for trip
		All clear again at 3 h. M.
		Dohrer.

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F J Dohrer
Foreman.

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July 24	Mon.	Cloudy & misty.
		Began brickwork F. Sig chimney above roof.
		Laying finished floors Dwelling Basement.
		Contd. work on Fog Signal App. Trumpets.
		Completed Dwelling main roof gutters and vents on roof.
		Began shingling Dwg. Roof.
		Contd. work F. Sig. Roof, chimney & drilling Purlins.
		Painting roof trusses Signal & Iron work tower.
		Moved lumber and other material to hill.
		Began repairs to Illuminating Oil tanks with Sal amoniac & smooth on as per Mr. Linkhams instructions. Could not do anything with them as the joints were wide open in the corners & stuffed with tar paper & metal too light to caulk.
		Called Mr. Linkhams attention to this & he instructed me to do nothing further with tanks.
		Contd erection of Lantern
		Erected Service Room Stairs. and cut the angle iron from the window opening & put it on the backside. at Supt. instructions.
		Had one man screening sand for bricklayer.
		Durkee arrives at 2 P.M. to find that the Pioneer had taken the men into Katalla.
		Dohrer
July 25	Tues.	Cloudy - westerly wind.
		Completed Dwelling gutters and attic vent pipe.
		Continued shingling Dwelling roof.
		~~Continued~~ Completed setting rafters & redrilling purlins F. Sig roof.
		Cleaned and painting iron work. F. Signal roof and tower, watchroom & lantern.
		Continued drilling holes thru concrete walls in Dwelling basement for heater and water piping.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Repairing Ill. Oil Tracks. Supt. Linkham advises doing no more work. as joints are filled with tarpaper and a hopeless job to make tight.
		Continued erecting the inside lantern trim.
		Laid brick in Dwell. Chimney. Cont'd
July 26	Wed.	Cloudy. Westerly wind. Bar 29.5 Temp 62°
		Began erecting the copper cornice on F. Sig.
		Continued shingling Dwelling roof.
		Sheathing F. Sig roof. Began drilling holes in signal wall for Crosby Device anchors. also began drilling holes thru tower concrete wall for Heater Pipes.
		Bolted the service room floor and cut angle iron off roof of air lock where it came in the window & bolted same on upper side. Fired up the 9 HP Hoist.
		Continued painting outside of tower. and lantern
		Continued work on Heating Piping in Dwell.
		Cont'd erection of lantern.
		Drilled top of service room stair & bolted in place.
		Continued painting F.S Roof Trusses.
		Pointing Dwelling Brick walls.
		Cont'd cutting wood for camp on line of clearing for light. Completed basement finished floor in Dwelling. Dohrer
July 27	Thurs.	Fair weather. little sea. Bar 29.5 Temp 63.
		Continued work on F. Sig Copper Cornice and sheathing roof.
		Made & placed steel band around Signal Chimney. Moved 9 HP. Hoister to Hoist Hse foundation. worked overtime doing this. with Mr Linkhams approval.
		Completed shingling Dwelling Roof
		Continued work in Service Room air lock. making track bolts to fit & drilling holes and setting up and straightening joints

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Continued pointing joints on dwelling.
Began Plastering cooling tank
and cutting camp wood on line of
clearing Dohrer.

July 28 Fri. Clear & bright. ~~Cloudy~~. westerly wind Bar. 29.5.
Continued work F Sig Cornice
Began putting in platform for water
tanks in dwelling attic. Continued
sheathing F S ig Roof.
Framing doors & headers in dwelling for
plaster board.
Began dismantling head of tram & 9 HP
Engine Hse.
Setting 9 HP. Hoist. Continued work
setting up heating plant & piping dwell.
Cont'd erect Lantern. also air
lock in service room. Painting dwell
cars. ~~Pt~~ Pointing dwell & completed plaster
cistern Dohrer.

July 29 Sat. Clear & bright. light westerly wind Bar 29.3 T66
Burke arrives at 3.6 M. at anchor off west reef
Came in around the pinnacle at 9.6 M.
with coal. Copper hoods for chimneys &
Keepers supplies.
Cont'd. Cornice F. Sig. Carpenter wk. dwg.
cont'd drilling anchors in F. Sig Bldg.
Roofing dwelling porches.
Cont'd work on dwelling heating plants.
Cont'd air lock in service room.
Cont'd work on Signal chimney.
Began plaster boarding in dwelling
Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
July 30	Sun.	Weather Cloudy, easterly wind Bar. 29.4 Temp 58° Continued work on F. Sig. Copper Cornice. " " " Dwelling Heating Plants. as it is necessary to prepare for the plastering and to test out system before closing in the plaster boarding in dwelling. Worked on the galvanized iron flashing on Dwg Roof. Continued painting dwelling cars so we can remove the scaffolds. Installed the 9 HP. Hoister in the hoist house Completed the erection of the Signal Chimney. Pushing work only that means getting the station under cover which has the Supt's verbal approval.
July 31	Mon.	Cloudy, easterly wind & rain squalls. Bar 29.3 Temp 60 Flashing the Signal roof where completed. on account of the rain we could not continue the copper cornice. Continued shingling the signal roof. Fitted & hung basement doors. Drilled & put in anchors for basement steps Dwg. Concreted the cesspool today. Continued work on Heating Plant in Dwg. Continued lining the watchroom Laid up the Dwelling chimney and erected the copper hoods on same. Wind getting pretty strong on the beach while concreting cesspool. Dohrer.
~~July~~ Aug 1	Tues.	Easterly strong wind, rain tonight Bar. 29.3 T. 57° Continued work on Fog Signal Cornice. Completed same to downspout section. Bricklayer pointed top of belt course under F. S. Cornice as far as completed. Also pointed Watchroom Architrave. Continued shingling & finished east elevation F. S. Roof Erected the rough stairs in dwelling and getting ready for

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		plaster boarding. One Carpenter hung Dwg basement doors.
		Continued work & pushing Heating plant Dwelling.
		Cont'd. plaster board Dwelling. & completed ridging Boat Hse.
		Concreted and slushed in dwelling 1st floor sleepers
		ready to lay Dwg. 1st rough floor.
		Continued lining of watchroom and
		painting Lantern window strips.
Aug 2	Wed.	S. E. heavy wind & rain Bar. 29.3. Temp 54°
		Continued work on Dwell. Htg plants. and had
		plumber repair water tanks in attic. began baking.
		Began erecting Hoist House roof. had to quit acct
		rain. Erected bolts & anchor for crosby app. in L Sequia.
		Cont'd hanging Dwell basement doors. Continued drilling
		holes thru tower concrete walls for service & return pipe.
		Completed piping to water tanks in Dwelling attic.
		Plasterer & mason engaged putting on plaster board Dwg.
		And Carpenter helpers putting in headers for plaster board.
		Putting up and ridge on Dwelling roof.
		Moving timber & stumps from hill prepare tear out bkr.
		Lockner painting inside lantern. Machineat cont'd
		watchroom lining. Removing logs and
		junk from around bunkers. Dolner.
Aug 3	Thurs.	S. E. Wind & rain. not much swell. Bar. 29.3 / 55°
		Out of meat sent two men fishing. caught 80# Halibut.
		Dunkee arrives at 7 P. M. with meat & groceries from Cadora
		Began laying Dwelling first floor, raining
		pretty hard. also cont'd: finishing woodwork & Dwell & stain
		Cont'd Heating plants Dwelling & began excavation
		of water line from pump to Sequial Bldg up hill.
		Completed hanging basement doors.
		Cont'd drilling holes F. S. for Heating system
		also for Dover Coal Hse.
		Cont'd plaster board & headers in Dwelling.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Painting inside of lantern. ~~Got to raining & blowing so hard in p. m. had to quit outside work at 3 P. M.~~
Aug 4	Fri.	Easterly gale & rain. Bar. 29.4 Temp 50°. Cont'd Htg plant dwelling, completed water line in dwelling & cont'd excavation to hill. had to quit at 3 P. M. Raining & blowing so hard. Completed dwellg. 1st rough floor. Cont'd finishing & stain lbr for dwelling finish. It developes that the brick are so porous that the rain drives the dampness clear thru the inside wall. Took out section of leaky wall inside & water coming thru so fast the air space cannot handle. So we cannot get Cordova wireless decide to waterproof inside brick walls. Begin to do this & continue to put on plaster board. Rain continue & storm increasing tonight Dohrer.
Aug 5	Sat.	Easterly gale & rain. Bar. 29.3. Temp 50°. Continued Heating plants dwelling. Began cutting window frames, stools & trim for doors & windows & finishing them & staining. Put windows in Hoist House and moved generator to new location & put tent over the Hoist House Continued work on coal House door F. S. Repaired water tanks. Dwell. attic and rehummed same. Continue waterproofing brick walls inside dwelling. Continued cleaning inside of lantern with hot water and lye. rinsing with clean water & painting hood & sash. Did not do any outside work on account of storm which is from the south east and the wind is very strong. and it is raining in great sheets Foreman doing office work today Dohrer.

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Aug 6	Sun ~~Mon~~.	Misty & foggy. no windor sea. Temp 52 - Bar 29.5 Continued work on heating system and waterproofing interior brick walls of Dwelling. Had one carpenter at work half day. framing closet in hallway so as to be out of the way for plaster board. As the 9 HP. engine is in use every day. I moved the galv. circulating tank to Paint room and connected same to engine so we could proceed with roof. Owing to the galvanized iron flashing on the Roof not being tight I had two men grouting under this to make tight. Dolirer.
Aug 7	Mon	Bright & clear. no wind or sea Temp 65° Bar. 29.5. As this is a good day proceeded with F. Signal Cornice. Began erecting Horst Hse Roof. completed rafters and part of facia: Continued coal house door & machinery working on cistern piping. Also completed the ditch and laid & connected the pipe from pump to Dwell Hse for water supply. Pumped thru this new line and tested out the water lines. After the tanks in the attic were half full. the lower flanges again began leaking. drained the line again and soldered the tanks. Cont't cleaning & painting overhead in lantern Dolirer.
Aug 8	Tues	Southeasterly gale & rain. Bar. 29.2 Temp. 50 Durkee arrives at 3 A. M. with cannery scow. went around the Pinnacle & landed on the east beach. Began unloading at 4 A. M. scow had lens & pedestal. 1 box #114 missing. & 1 BBl #110 R. & W. also the plaster. which was pretty wet especially on the sides and bottom. as this load has been on the scow since Friday when the Evans discharged Veidt had two hind quarter of beef aboard. pretty bad. smelt strong & full of fine worms.

Sent the groceries & meat back. Burke sent one hind quarter back as he claims Inkham ordered so. Also received the pipe for the Engine exhausts. Burke left at 7.30 A.M. & strong wind blowing. blew scow back on beach. got out the entire crew & pushed it around the point & she blew across the reef.
Continued work on heating plants. & moved all material from beach. quit all outside work at noon as gale was so bad we couldnt work. Bohner.

Aug 9 Wed. S.E. gale & heavy rain. Temp. 54 Bar. 29.1
Tested out the heating system in dwelling, steamed up in the A.M. after pumping up the tanks and filling the system. Tanks in attic began leaking again around the flanges, so as this is the fourth time I have repaired them I took out the top connections and repaired the leaks & plugged top openings. and again pumped the tanks full and found them o.k.
6 length of pipe on the west service line split open. drain system put in new pipe. We find the 2" Byers pipe very poor. being butt welded pipe & does not stand cutting & threading.
Kept the heating plant going all night. house warm & comfortable. no leaks in morning.
Put in storm sash & stopped windows, & doors up fairly tight. The chimney is leaking badly owing to the porous brick. seped thru the brick to the basement. wrote the Office for instructions regarding repairing the leaks.
Had the carpenters at work dressing the window and door casings & stamping them.
Fitting storm sash & basement windows.
Blksmith making irons for raising chase covers

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		and rod for cistern valve.
		Machinists at work connecting F. S. exhaust.
		Plasters did not work, too stormy except Dwelling where I am testing heatg plant. Tunnison grouted crosby anchors in wall.
		Moving material to shelters out of storm.
		Secured all materials ~~for~~ and gear from storm.
		Most of laborers' idle. blowing & raining too hard for outside work.
Aug 8	Tues	Continued.
		Repaired Dwellg water tanks Carpenters dressing ~~from~~ & staining finishing lbr for Dwell.
		setting brackets & anchors for Crosby Device.
		Waterproofing Dwelling. completed today.
		Balance crew moved material to shelter & quit at noon account of raging gale & rain.
		Dohrer.
Aug 10	Thurs.	S. E. Gale & heavy rain.
		Owing to lack of proper shelter. I rerigged the derrick and hauled the ~~lens~~ & watchroom illuminating apparatus to the lantern. This was accomplished in a heavy gale & rain. but took practically all the labor force.
		Machinists connecting F. Sig piping.
		Blacksmith making dutchman shim for exhaust.
		Began plastering the Dwelling. disconnected the radiators & went ahead.
		Carpenter helpers completing plaster board where piping is in walls. left open for testing.
		Removed tracks from beach. very bad weather & place is a regular swamp for water & mud.
		No reply to the enquiry about repairs Dohrer.
		to Dwell chimney. Tanks sweating in attic badly. & chimney saturated to basement floor.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 11	Fri.	Heavy S. Easterly gale & driving rain Bar. 28.9 Temp 52° Storm heavy can see no further than pinacle. Alameda laying off cape at 9 A. M. trying to pick up buoy. talked to her by wireless. Continued piping Engines F. Signal. completed exhaust & began air piping. Plumber & helper drilled hole thru tower wall above water table for over flow of expansion tank. Seems to be poor place to pipe outside. as wind will drive thru over flow. Machinician drilling holes in watchroom floor for Lens pedestal. one man cleaning rust off and polishing lens table & mercury pot & parts. One carpenter working in shop smoothing & staining woodwork Dwelling. One helper repairing office front, rain driving in badly. Blacksmith making brackets for wall radiators tower. no other work. Foreman & material man getting data on freight bills for Burkee's account, began yesterday. Cordova Sta. again working today. Dohrer
Aug 12	Sat.	Cloudy & rain squalls. S. E. strong wind. Bar. 28.95 Temp 52° Heavy surf. Completed the Fog Signal Cornice and shingled the Signal Roof. north & part of east elevation. Completed sheathing the Hoist House roof. Glazed the Signal windows. Erected the Vestibule on the Lower Watchroom Screened & hauled sand to hill for plastering. Put on the putty coat on the Dwelling Kitchen & dining room. Began heavy rain at 3 P. M & wind again blowing a gale. stuck to the roofs all day. worked all time could spare on Lighterage estimate as requested. Dohrer.

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63.05 796.80
116.50 179.55
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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 13	Sun	S.E. Gale & Rain. Bar 28.8 Temp 48° Heavy Seas. Farragut passed in to Katalla at 8 A.M. Evans Passed south bound at 8.10 P.M. Continued Plastering Dwelling. Laid finished floor in Hoist House. Screened sand for plasterers. Assembled the kitchen range and put same in operation in Dwelling. Coal burns very well in range. used the coarse coal from Dugdells Contract Removed the bushings from the heaters in basement and repaired the leaks in same. Completed waterproofing the dwelling chimney and put in drains under roof to keep leakage from running down on plastering Myself & Talbot worked all day and evening on Lighterage Estimate for Office. Dohrer.
Aug 14	Mon.	Cloudy & rain squalls. Bar 29. Temp 61°. Began wrecking plant. removed the derrick & sent lbr to foot of hill. Completed the partition wall in hoist house and began erecting gutters. Completed shingling F.S. roof & soldered the flashing around the tower & chimney. Repaired the camp roofs which began leaking badly during last storm. Waterproofed F.S. Sig chimney. Erected the drill press in Signal. Cont'd work on F.S. Engine piping fit Crosby to wall. & fit valve & rod in cistern. Plastered the hall & spare room in dwg. Began fitting window sash in Kitchen pantry & dining room. Checking Durkees accts. Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 15	Tues.	Bright + clear no sea. Temp. 62° - Bar. 29.0 Completed the gutters on the Hoist House Began shingling Hoist House Roof. Continued finishing Doors + windows + casings in dwell. Laid off Jensen + Anderson carpenters lack of funds and carpenter work. Began tearing down the tram. laid a temporary break at the dwelling and hauled the fuel oil tanks + compressor air tanks to hill. Continued plastering the dwelling. Wright and one man continued lining w. Room vestibule. Had one man grouting drilled hole thru basement walls for heater pipeing. Out of meat sent two men fishing. caught nothing but dog fish or sharks. Machinist + helper pipeing screens. + trumpets. Burke has not showed up. Wired to Burke to bring groceries + wired to Vedt for groceries. as there is no doubt that the Evans with our groceries from Cordova did not stop at Katalla owing to the storm. Received no reply Dohrer.
Aug 16	Wed.	Clear + bright. light westerly wind. no sea Temp 63° Bar 29.0 Completed soldering copper cornice on fog Signal. Completed shingling Hoist House roof + hung door of paint room Continued finishing window + door casing dwelling " plastering dwelling. Moved fuel oil tanks to roof of coal House + began moving stored material out of oil house. moved plumbers work bench to Hoist House. Continued hauling coal to dwelling basement and timber from trestle + bunkers down the hill. Wright continued lining watchroom vestibule and drilling holes + fitting lower part of lens pedestal.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Sent two men fishing. set gear three times caught one halibut and a skate only.
		Jule Rudolph very ill with injured eye. unable to do anything. needs medical attention badly.
		machinest and helper at work connecting trumpet piping and sirens in Signal.
		No word from office regarding repairs to chimneys or word from Clarke regarding supplies & provisions.
		Dohrer.
Aug 17	Thurs.	S. E. Gale & heavy seas. & hard rain. Temp 48° Bar 28.9
		Continued work on F.S. Heating plant in tower.
		machinest continued siren piping.
		Began plastering Fog Signal. erecting and fitting metal sash & door trim in Signal & hanging window weights.
		Continued fitting door & casing trims in Dwelling.
		Connected the kitchen sink cleaning & painting Dwell radiators.
		Began laying track in Boat House
		Moved on Fuel Oil Tank in Place in Oil House after moving all the sash & doors. windows & cupboards etc to Dwelling.
		Continued plastering Dwelling.
		Owing to the heavy rains & high winds both F. Signal & Dwelling chimneys leaking badly. I put a piece of canvass around the Dwelling chimney. the water continued to run down the F.S. Chimney & I did not plaster it. completed the east wall in F. Sig.
		Completed the coal to Dwelling moved in 230 sacks or approx. 18 Tons, The coal runs considerably more tonnage than we bought. average 160# per sack.
		Dohrer.

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1916 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Aug 18	Fri	Weather clear & bright. Temp 59° Bar. 29.1.
		Heavy swell in afternoon on west beach. & breakers on east beach. with strong S.E. wind & rain in evening.
		Wright & helpers erecting Lantern stairway & I.O.V. App. machinist connecting sirens and pipe copper gas downspout to cistern.
		Completed setting Fuel oil tanks in Oil Room.
		Continued tearing out bunkers. Completed gutter on Dwell. side porch & began shingling same.
		Continued plastering F. Sig. did the south side
		" " Dwelling upstair hall & bed room.
		Continued fitting door & window casings & hanging doors in F. Signal & tower.
		Continued work on F.S. Htg. Plant. cleaned & painted & set up large radiator on south wall of Signal.
		Continued work laying tram in Boat House.
		Hung doors and began laying kitchen floor in Dwelling.
		Launch Pioneer arrives at 5.30 P.M. with groceries and Lighthouse Keepers, Peterson & Clancy.
		Heavy wind & surf. had to work several men to land dory on beach. Sent in the following men. Nels Anderson, carpenter Katalla. L. Jensen Carpenter Ketchikan. J. Rainwater, L. Leadbetter Ketch. Jule Rudolph to get medical attention for eye. also Pet Barrett. Jos Peters, Frank McGuire.
		While cutting wood for the office. Martin Anderson bull cook stepped on a nail in a packing case. running same in his foot. cleaned & dressed the foot for him.
		Watson passed in to Katalla at 7 P.M.
		Pioneer left 7.30 P.M.
		Dohrer.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Temp 52° Bar 29°
Aug 19	Sat.	Cloudy & rain. heavy westerly swell. N.W. wind Moved & set up air tanks in Signal & machinist began piping same. completed door & window casings in Signal. Completed shingling Dwell side porch. Cont'd plastering Signal chimney and side wall of tower. Cont'd work on Heating plants. wrecking bunkers & began remove the mixer & hauling lumber down the hill. Martin Anderson cannot get around on foot so had to put Jas. Rison in cook house. Cont'd plastering Dwell. bedrooms & closets & set up & fitted Kitchen cupboard. Wright at work on I.O.V apparatus & Keepers cleaning lantern glass. Dohrer.
Aug 20 Martin Anderson leaves for Ketchikan. Foot in bad shape. badly swollen.	Sun.	Partly cloudy, rain squalls. Temp 58° Bar 28.9 No work today except Kitchen and an hour unloading the groceries from Pioneer on Durkees mail trip. But forgot to bring the mail. Reports that Durkee did not meet the Watson. Pioneer ran alongside & took the mail. No complete mail since Aug 8th. Dohrer
Aug 21	Mon	Partly cloudy, rain squalls. Temp 58° Bar 29.0 Completed the overflow pipe for expansion Tank in tower. Keepers cleaning lantern. Wright & Lockner connecting I.O.V. apparatus & Oil Pump in tower Continued work on Signal compressor piping Crosby device & Heating plant. Continued plastering signal & completed north wall to drill press. Removing mixer, & bunkers. grubbing & began

erection of new tram to oil house roof.
Blacksmith making pipe hangers for sirens.
Completed sink drainboards etc & began laying kitchen floor. Put windows in office & spare room & began casing & setting door frames.
Completed browning coat in front bedrooms upstairs & closets & partly putty coated same.

Lohrer

Aug 22 Tues. Bright & clear. occasional rain squall. Bar. 29.2 Thermo 63°.
Began scaling fuel oil tanks. the tank from Ketchikan has quite a heavy coat of scale inside. Continued plastering signal completed to tower wall with door opening into signal.
Set up crosby & cont'd piping.
Wright on Illuminating apparatus.
Keeper sorting & checking station supplies.
Asst Keeper cleaning lantern glass.
Continued laying tram & tearing down bunkers & grubbing stumps on line of tram.
Began downspouts on east side of dwelling.
Laid Kitchen floor & continued door & window frames in Spare room & office.
Completed plaster in front bedroom & began browning coat rear bed rooms.
Jack Lackey has an injured nose due to a cargo hook jabbing him near the eye.
Pete Instrand stepped on a nail & run it in his foot.

Lohrer.

Aug 23 Wed. Cloudy. Easterly wind, rain & S.E. wind in P.M.
Continued work on Dwelling downspouts.
Completed removing mixer to foot of hill on a car.
Continued laying track and tram to oil house
Began laying Dining Room finished floor & completed

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		kitchen & pantry floor. Continued casing windows & doors & basemould in Office & Spare room dwelling. & hanging doors. Completed plastering front bed rooms upstairs Completed plastering Fog Signal. Wright & Lockner connecting D.O.V. apparatus. Lickay & helper at work on air piping. Clarke arrives 3.30 P.M. with missing upper part of lens pedestal. Hydro-pneumatic tank fittings from Condra & Keepers groceries. Began blowing pretty hard from S.E. Dohrer.
Aug 24	Thurs	S.E. heavy winds & rain. Temp 47°: Bar 29.5. Continued wrecking bunkers & grading & backfilling rear of oil house. continued work on trestle & put in a bent near Dwelling. Painting F.S. radiators & set up the heater. Cont'd air piping. Wright begins erecting Lens pedestal etc. Concreted Dwell front steps. & completed base mould Signal. Continued plaster back bed rooms. completed Dining room floor & oiled same Completed casing Spare Room & Office & began finished floor. Received wire tonight to proceed Ketchikan first boat after Sept 1st. Hurrah. Dohrer
Aug 25	Fri.	Cloudy & misty. Temp 45° Bar 29.4. Erecting & Painting radiators in Signal & Dwelling. Continued casing rooms & lay Dining Room finished floor in Dwelling Completed plastering Dwelling. Laying finished floor in Oil House & grading in rear of oil house & toward Hoist House Stript the forms from the Cesspool. Wright erecting Lens table Mercury Pot etc.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
		Machinist at work on Piping to air tanks & began assembling the Compressor parts on same. Waterproofed Sig & Dwg Chimneys. Dohrer.
Aug 26	Sat.	Clear - N.W. wind, sea smooth Bar 29.4 Temp 55° Continued connecting Dwg. downspouts to sewer and cisterns. Completed laying finished floor in Office, put casing & door frames in hall downstairs. Began & laid tile cove base in Bathroom. Laid finished floor over cisterns as far as oil cases. Continued grading oil house to Hoist House. Wright completed assembling Lens & set up the Lamp. Picked up all tools etc. for inventory & began same Completed tram trestle to rear oil house. Continued downspout connections & began laying ~~[illegible]~~ rain runoff to cistern rear Dwelling. Cont'd assembling compressor fixtures. Wired Dunbar to come for mixer etc. Dohrer
Aug 27	Sun.	Bright & clear. light easterly breeze. Temp 70° Bar 29.5 Completed ridge roll on Hoist House, side porch & Sig. Hung doors on Hoist House & & cased windows. Oil Office floor in Dwelling, assembled the derrick parts etc. for shipment to Ketchikan. Took inventory tools etc. moved furniture & supplies to Dwelling. Heavy fog in P.M. today was the most beautiful & warmest day this summer. Erected scaffold to Plaster Sig Chimney Boat laid off cape tonight whistling in fog seemed to be in close to the Pinnacle Rock Dohrer.

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Aug 28	Mon.	Partly Cloudy N. W. wind Bar. 29. 35 Temp 50° Cold N. W. wind blowing today & heavy mist. Machinist Contd piping & connections on compressors. Wright & Lockner connecting Ill. Apparatus. Laborers clearing timber etc from hill to flat. Carpenters casing doors & window trim Dwg upstairs & ~~fin~~ lay finished floor in Spare room. Plasterers laying tile floor in Bath Room. Plumber connecting hot water tank to range & cleaning & painting radiators. Laying the wooden floor in Boat House Plastering Dwelling chimney by Sylvester method. using one part cement to 2½ parts sand. and ¾ lb. powdered alum to each cu foot of sand. and 1 lb. soft soap to a gallon of water. mixed cement sand & alum dry. mixed soap & water together & then mixed the whole together, Durkee arrives at 6.30 P. M. with Lighter & groceries from Watson so. bd. from Heckman & Blum Oneil. Landed on east beach at low tide. laid track down beach & unloaded groceries began loading mixer & derrick, brick machine etc about 10 P. M. & completed at 12.30 A. M. very dark. Evans passed at 11 P. M. Durkee met her off the bouy & brought in 3 passengers & mail fr Katalla. also some mail fr Cape. Launch Waif came out of Fog Bank at Bouy at 4.50 P. M & passed in to the wrecked Washington Dohrer
Aug 29	Tues.	Bright & clear. N. W. Breeze Bar. 29. 3. Temp 65° Contd carp wk Dwg completed floor in Spare Room. contd casings up stairs & began finished floors Contd tile floor in bath room and completed connection of range boiler & setting up radiators.

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19 MONTH	DAY.	RECORD OF IMPORTANT EVENTS AT THE STATION, BAD WEATHER, ETC.
Wright testing the Light. bursed for 1/2 hour.		Connected the piping to the fuel oil tanks completed the finished floor in oil house & began setting up the Signal radiators. Cont'd work on Ill. aparatus. Hauled coal to F.S. Coal bins. Completed Boat Hse doors & floor. Cleaning lbr & Junk from hill. Dohrer.
Wed. Aug 30.		Cloudy & Fog. light rain in P.M. Bar 29.2 Temp 65° Reconnected heating system in Dwelling and began setting the plumbing. completing the hot water front & water tank connection to range. Continued carpenter work. hung front & vestibule doors. & fitted windows & closet doors up stairs. Completed the braces on F.S. chimney. Pointed plaster completed tile floor in bath pointed window sills copings etc on Dwelling. Hung boathouse side door & put door bar & locks on front door. Put new gaskets in 6 HP. Horster. Moved temp ill oil tank in oil house & piled case oil on decks in oil house. fitted Porch downspouts on Dwelling & cleaned hill of boards. scaffolds etc. Connecting fuel oil piping put drum oil in Oil Tank & connecting guage boards. Bert Hendrickson was injured by stepping on a 40d galvanized mail which penetrated the ball of the foot 1 1/2 inches. I cleaned it thoroughly & sterilized the wound. Dohrer.

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Thurs. Aug	31	Cloudy. light easterly wind. Temp 66° - Bar 29.4
		Excavating trench from cistern across back of Dwelling for Rain run off.
		Completed stripping the cesspool, ready for use.
		Completed doors & fastenings in Boat House
		Put in Bath & Lavatory in Dwelling.
		Contd doors & windows & casings.
		Unpacked assembled & distributed the furniture in the downstair rooms.
		Completed painting around Dwelling F.S. & Boat House
		Continued connecting oil piping & guage boards.
		Took progress pictures & cleaning up office work & packing.
		F J Dohrer Foreman.
		After today this job is formally turned over to Wm J. Wright Machinician
Fri. Sept	1. 1916.	Bright & clear.
		Durkee arrives at 8 A.M. Left the cape at 8.57 A.M. the following men going to Katalla
		F J Dohrer. Geo. Talbot. Peter Tunnison. G. Arvold. L. Arvold. I E Leuctin. Andy Wiggin. T. Caspersen. Tom White.
		Men left at the cape are as follows
		W. G. Wright. R. Adams. Peter Torstrand. Tony Anderson. P.B. Nelson. Julius Sternberg John Durkin Albert Lockner. J.L. Leckey. H. Hosick Jas Rison Ben Kittle M. Kiely. B. Hendrickson Keepers Peterson & Clancy
		Dohrer.

June. 2 1. 1916 mix 1½ sand 1 cement 1 H. Lime.

Laid 8600 Brick used 15 sks Hyd Lime. 16 sks Cement.

change mater to 2 sand 1 cement 16# Hyd. Lime. ~~Laid~~ 12# Mortar color. laid 250 Br.

Brick on Boat Hse 10 800. Laid 53 brick per man per hour

Laid 424 Brick per man per day costs. 15.33 per M. for bricklayers

3.27 per M for Helpers. a total cost of 18.60 per M for Laying.