

D A I L Y L O G
F O R
J A R V I S I S L A N D

--:-

JANUARY 18, 1937 - MARCH 23, 1937

PERSONNEL

Charles Ahia, Leader
Bak Sung Kim, Radio Operator
Edward Young
Joseph Kim

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JANUARY 18 & 19, 1937, MONDAY & TUESDAY. Sighted the Wm. J. Duane off the north-east coast at 4:30 P.M. today.

Mr. Richard B. Black, Lt. Commander Frank T. Kenner, Dr. Meyer, Captain Meyer, Mr. Geo. Campbell from the Department of Commerce and Sgt. Collins a former colonist of Jarvis, landed at approximately 6:10 P.M.

We extended them our greetings by grinning and displaying our white teeth. But really we were very glad to see them again.

Dr. Meyer proceeded with the physical exam and pronounced the four of us in good health.

Serving their six months faithfully, Mr. Black decided to relieve Solomon Kalama and Jacob with a combination of either the following boys: Wm. Kaina, Edward Young and Joseph Kim.

I wanted to go aboard the Duane to see a movie and spoke to Mr. Kenner about it; and he said certainly I could, so the Commander, myself and Dr. Meyer went back to the ship.

We, as a matter of fact, didn't expect to see Com. Kenner down here. We thought he was stationed on the mainland.

I was greeted by William Kaina, Ed. Young and Joe Kim upon boarding the Duane.

Mr. Kenner told the commissary to fix me up with a genuine meal.

The latter, a kindhearted fellow, told me to pick anything I wanted. I sure had a swell supper. I struck up a conversation with Sgt. Wilson, secretary to Mr. Black.

He showed me around and I noticed that the Duane had modern accommodations also a larger crew than the Itasca and last but not least it is a very large cutter.

"Here Comes the Band" was the name of the movie. Although I saw it in Honolulu I enjoyed it immensely.

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After the show I took a decent bath, wrote a letter then bunked on deck opposite the kitchen. A little after 8 A.M. Commander Kenner, an old timer around here, steered the launch and supply boats safely through the treacherous channel.

We unloaded and hauled the equipment up to the supply shack to be rechecked. In the meantime I accompanied Mr. Campbell, who will be stationed on Howland for the coming three months, to the proposed air field of Jarvis and was shown the proper places to line with pegs the airplane runways.

During this time most of the men were filling our 800 gal. tank with the new water drums that had just arrived from the Duane. About 16 drums of water were dumped into the tank.

Mr. Black was very busy during most of the time. He and I were going over the different things to be done the following three months. Food was sent to us from the ship during lunch hour. At this time Mr. Black named the following boys who will stay on Jarvis Island: Edward Young, Joseph Kim, Victor Kim, student aerologist and myself (C.Ahia) as leader due to the fact that I was the only old member from the 7th Equatorial Cruise who is remaining.

This afternoon the four of us boarded the ship to pack personal equipment and purchase other necessary articles.

The time ended too soon to suit me because I was filled to the brim with instructions concerning the erection of a new site for the weather vane; to construct and maintain a poultry flock; to erect a monument at the Amaranth in memory of what happened in 1913, etc.

After shedding a few tears I bade the party God speed on their journey to Howland and Baker. Also the other three islanders joined me in waving a farewell greeting.

Tonight we straightened up our camp a little, had pi-pi-kau-la (jerked meat) and poi for supper. I took the weather reading today.

We turned in at 9:30 for we were all tired out.

JANUARY 20, 1937, WEDNESDAY. I took the 0600 reading while the recruits were still sleeping than had breakfast ready to be served. At seven we had breakfast. I made a "B" line for the bread while the others preferred Saloon crackers. The chickens laid only two eggs this A.M.

By observation, I noticed that the boys have a keen appetite also they are gastronomist.

After breakfast "Ed", Joe, and myself rolled the drums including the hydrogen cylinders in their respective places.

We straightened out the supply shack and the camp as a whole. Victor was busy soldering his transmitting rig. It is interesting to note that he has spent over \$75.00 for the improvement of his radio set.

"Ed" and Joe was trying their luck with the "Uluas" about 10:30 while I busied myself classifying and placing the new sets of magazines on the book shelf.

We also sorted out the potatoes, onions and oranges and weeding the bad ones out.

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The oranges that were in a semi-condition I used it to make orange juice.

After a considerable amount of time was spent we managed to take the balloon sounding. I had the privilege of initiating Joe Kim's head this afternoon. I also gave him a clean shave.

I had my hair trimmed down to Army regulations. Edward Young spent most of his time fishing. He caught an extra large Aholehole also a couple of smaller ones.

The tide was low all day even at 6 P.M. when I took a dip in the surf I noticed that the tide was still low.

We had supper at 6:45. Then we tuned in for station NRDD located on the Duane. The radio "OP" of the Duane could not pick us up due to the "B" battery supply.

Victor boosted this supply up in the meantime and the weather data went through OK. The sky is clear and there's a half moon directly overhead when I took my 2100 reading this evening.

I am taking over the domestic and weather duties to give the other boys a chance to adjust themselves to this environment. I hope to start our construction program soon. V. Kim is still busy fixing his radio rig.

We turned in at nine this evening.

P. S. I caught a house fly (common fly in Honolulu) this afternoon and had it preserved in a glass jar. The pest must have come from the ship.

JANUARY 21, 1937, THURSDAY. I took the temperature at six this morning, then cooked breakfast; also watered the plants. Am giving the boys ample time to get used to the climate before assigning them to the usual routine.

For breakfast we had French toast, bacon, bread and coffee. I enjoyed the meal because it's rare to have French toast on the islands, also I can't recall the last day I ate it.

In Joe Kim I found out that he was an excellent carpenter. He and Edward Young had practically most of the house built and tomorrow the "coup" will be completed. In the meantime I had fixed a convenient place for our bacon.

Instead of keeping it in the safe where the bugs and rats get at it (also mildew accumulates rapidly when left in the safe due to its cramped up position). I have it hanged up in such a way that the rats can not get at it; and the bugs can not eat its way in without being detected.

Today I showed Joe how to record the balloon reading. He is learning fast and by tomorrow I think he'll be able to record it by himself.

At 2 P.M. we all went over to the Amaranth, the Aholeholes stamping ground.

This being their first trip over this side of the island naturally they were eager to see what the Amaranth was like. After sizing up the wreck with awe we started to look for our supper. At this time (2:30) the tide was starting to rise and threatened to make fishing impossible for we islanders. But nevertheless Eddy Young caught 4 lobsters, a couple of "lauhaus" maninis, U-U (ooh-ooh), and a Parrot Fish.

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I made out, -- tomorrow morning Ed will cook, Joe will be dishwasher, V. Kim will be the poultryman and I'll be the weatherman.

JANUARY 25, 1937, SATURDAY. Edward cooked hot cakes for breakfast. It sure was delicious, due to the fact that he had egg mixed in the recipe.

I took the weather this morning and noticed the channel was pretty rough. The tide gradually began to fall at 9:30.

We all journeyed over to the wreck. Although the tide was very low on this side of the island we were forced to be satisfied with a few Aholeholes and Hina-leas, the fishes made themselves scarce when they knew that Eddy Young, our "No. 1" fisherman was around.

Victor and I trudged back to camp at 11:45 to take my 1200 reading and also the balloon reading which is at 1 o'clock. Eddy and Joe circled the southern portion of the island, it was about 3 P.M. when they got back.

While preparing the fishes for dinner I was unfortunate enough to slit my forefinger with the kitchen knife.

The channel was practically rough all day.

The Leghorns seem to take to their south sea environment with enthusiasm. The egg production for today is two medium size eggs. They consumed two $2\frac{1}{2}$ cans (Dole pineapple can) of water. We had fish for supper some of it was prepared in Korean fashion. "Darn clever these @x.&!.?@ Koreans."

Bak Sung contacted K6KPF of Honolulu at about 7:30. His messages were received well we learned from that station.

Three of the storage batteries need charging. These will be charged tomorrow morning.

The moon ($\frac{3}{4}$ in size) was up early this evening, about 6 P.M. taking the recordings through the nite I noticed that it was visible up to 3 A.M. in the morning.

The boys turned in at 9:30 while Victor and I talked about radio.

By the way he's a studious boy. When he's not working on his radio he's concentrating on his mathematics or the "radio engineering handbook."

He turned in at 11:30 P.M. After taking my 12 o'clock midnight reading I turned in.

When I took my 3 A.M. reading this morning the wind velocity was low, 5 miles per hour.

JANUARY 24, 1937, SUNDAY. We had toast for breakfast Joe used all of the bread. The outer part of the loaf had mildew on it, when this part was sliced off it was as good as new.

At nine A.M. the tide was exceedingly low, Joe, Eddy and Victor decided to go fishing along the southwest coast.

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The above mentioned, with the exception of the lobsters, are common fishes but when properly cooked makes a delicious dish.

We enjoyed our fish dinner tonight. Bak Sung Kim was unable to contact the Duane due to the low power rig. He will build another stage in his rig.

The boys turned in at 9:30. I stayed up to write the log. The tide was low today but it gradually came up at 3 P.M.

Just before lunch I got four eggs from the "coup". Looks like they're not on the strike today.

Halo around moon at 10 P.M. tonight. I turned in after taking 12 o'clock reading.

JANUARY 22, 1937, FRIDAY. Took temperature at 6 then had breakfast ready for the boys at 7:00 A.M. Kim is starting on the second stage of his rig, due to the fact that the first stage hadn't enough power supply to pull him through in contacting with the Duane.

Joe Kim and Ed Young had the motor humming this morning to charge three batteries which was laying idle from the previous trip. "This," said Bak Sung Kim, "will be inserted into the circuit to boost up the power supply."

Joseph Kim and Ed Young completed the chicken coup today. The "coup" is situated on the leeward side of the balloon shack and is facing toward the sea. The interior of the "coup" is exposed to the sun's heat during the latter part of the afternoon. To remedy this we have, as shown by the dotted line in the above sketch, added another piece of canvas covering half of the front of "coup". Both sleeping quarters and enclosed fence are segregated. When put together it fits precisely. Joe is a very good carpenter - par excellence.

Using the elimination method I managed to set the new and old books (magazines, etc) neatly on the book rack.

The tide in the channel was pretty low at 6 this morning and BEGAN to increase at about 10 A.M. The wind velocity was exceptionally low today. It reached its lowest ebb at 6 this evening, 5 miles per six.

The balloon sounding went off in a professional-like manner. Joe and Ed was recording theminutes while I looked on.

"Eddy-G" (Ed. Young) found 3 eggs this afternoon which proves that the chickens are not laying back on us.

At five this afternoon Ed and I ventured out to the reef in quest of "Eninuis". There was a whole school of them but before we could get into shooting range the fishes were no where to be seen.

We shot couple of "maninis" for shark bait. We missed "NRDD" this evening on account of our clock was a half hour slow, or perhaps the Duane did not call Jarvis.

Kim completed the second stage of his rig which ought to send out messages he said. About half-past eight P.M. the three islanders went shark-hunting.

There's a half moon overhead tonight. We will start on our work schedule, which

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Before they left, however, they had the motor running to charge the three "dead" batteries which ran dry the previous trip. I stayed in the camp on account of my forefinger which I slit with the kitchen knife yesterday. I had mercurochrome applied and over it I had a bandage plastered in place.

During the morning I studied the balloon sounding book (It's a new book of its kind Mr. Black brought down on this trip).

The boys got back before one P.M. and Victor was just in time to take his reading. It was clear this noon and we recorded 30 minutes the balloon was still visible at this time. According to the chart that we plotted out the height of the balloon was 18000 ft.

This evening at 7:00 KPF was receiving Victor at R₉ (signal strength) very clearly. The moon (full moon) was up early this evening, 6 P.M.

I waterered the plants, around the camp, at 6 P.M. I

JANUARY 25, 1937, MONDAY. Joe and I woke up at 6 this morning, I showed him how to record the anemometer reading. This reading determines the total wind velocity for the previous day.

Victor was supposed to be the cook this morning; but I took over his duties on account of the "sked" he had at 7. I watered the plants this morning after breakfast. In the meantime "Vic" washed the dishes. I spent the morning in nailing a tin plate to the rafter to prevent the rats in getting at the bacon. Dotted line indicates the position of the tin.

The boys went "Ulua" hunting. Luck wasn't with them today. Today I thought we were going to take a long balloon (yesterday it was 30 minutes) recording but the clouds from the East completely obstructed it. The tied was mediocre today.

The moon was up as usual approximately 6 P.M. (Full moon).

The egg production is: two eggs.

The usual contact with KPF was made at 7 this evening.

We all turned in at 10:30.

JANUARY 26, 1937, TUESDAY. The tide was pretty rough this morning. After breakfast Victor and I dumped the sea water out from the Bishop Museum's fish collections barrel. We put fresh sea water and a pint of the formalin which was brought down this trip.

Eddy in the meantime was scrubbing pots which had accumulated food refuse last night. Joseph dumped the camps rubbish consisting mostly of tin cans in the rubbish hole located just outside of the camp.

The four of us worked on the pump (on the 800-gallon tank) which failed to function. After working on the pump all morning we came to the conclusion that the check valve cannot create enough vacuum so as to fill chamber (A). The lining of the check valve is the cause of the trouble. The pipe leading into tank is not stuffed up with any rubbish we found out by prodding it with a steel rod. Also the water goes into chamber but there isn't enough pressure to force it into first chamber.

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Joe Kim collected 5 eggs today.

The channel was rough practically all day. At 5:30 P.M. it reached its highest point then gradually began to fall at 7 P.M. The full moon was seen off the NE horizon at 6:30 P.M. The balloon report was sent to KPF this evening at 7. I watered the plants at 6 this evening.

JANUARY 27, 1937, WEDNESDAY. After taking my 0600 reading I slipped on Jake Haili's boots, which he "willed" to me before he left, and proceeded with the task of watering the plants.

The rooster got loose this morning, "Vic" and I had a heck-of-a-time in catching it. We treated the rooster and a hen with heavy lubricating grease on the tail due to cannibalism. Yesterday we noticed the other hens picking at both of them so this morning we applied grease to the affected parts.

During this time Joe caught a 20 pound "Ulua". It was a beautiful blue specimen it measured over 2 feet. We had fried "Ulua" for lunch today.

This afternoon we erected another story to the 800 gal tank's new building. By calculating accurately we had the structure up within 2 hours. We finished nailing the top (tungsten and groove lumber) before 5 P.M. The credit goes to our No. 1 carpenter Joe Kim, assisted by Eddy and myself. Our consulting engineer Victor Kim was pondering over on one of his sixth dimensional problems. All of his ideas are theoretical but not practical. If he's not fishing he's devoting his time to the acquisition of higher mathematics.

We had the motor going at 8 A.M., quitting at 6 P.M. The motor is in good condition.

Eddy gathered 5 eggs today all of medium size. This afternoon at 5:15 I discovered Joe Kim's method of hooking the small aholeholes which is a good "Ulua" bait. He uses the inner parts of the hermit crab which in turn is an excellent bait in catching aholehole. We caught a number of aholeholes but no "Uluas". The channel was rough this evening at 6:00. After supper as I was writing the log the other boys went shark hunting with hook and line. They caught 8 sharks. Vic caught a six foot grey shark the largest he caught so far. The others were less than four feet in size.

We turned in at 10 o'clock this evening.

This morning we were awakened by "Big Ben" the alarm clock; who was baning away in order to get our radio operator out of bed.

Joe had breakfast ready to be served at 7 A.M. After breakfast we adjusted our weather vane the direction lamps were not functioning properly. We worked on the building today. We had the railings put up, also the steps leading to the top of the building.

I collected 4 eggs today. The chickens are doing very well so far.

The balloon sounding was taken only 4 minutes this afternoon due to the low cumulus clouds. The tide was low all day today. This evening was the first time I ever tried eating dried Ulua it sure was delicious. The boys went shark hunting at 7 this evening. They caught quite a few large aholeholes, a few maninis and seven sharks.

We turned in at 10 o'clock this evening. The radio "sched" with KPF tonight was at 8:30.

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JANUARY 29, 1937, FRIDAY. This morning I watered the plants around the camp while Eddy Young took his 6 o'clock reading. I took over Victor Kim's duties as the cook on account of a long radio "sked" he had with K6KPF.

We had scrambled eggs and bacon. I also cooked stewed prunes and quaker oats. After breakfast we went ulua hunting. We weren't successful in catching even a shark. We collected five eggs today.

After Joe Kim took his 3 P.M. reading we all went fishing by the Amaranth. We caught four vekes. Eddy was surprised to note that they were larger than those in Honolulu. In addition to this we speared 75 wholeholes, a lobster and a large squid measuring over 4 feet in length. We arrived back in camp at 6 P.M. and proceeded to clean the fishes.

Joe fed the chickens took his reading while Victor had a delicious fish menu prepared for us at 7 P.M. After supper Joe and Eddy went shark hunting. They caught six sharks. At 7:30 P.M. K6KPF was contacted and at 8 P.M. our radio "op" communicated with K6ENW. We returned in at 10 this evening.

JANUARY 30, 1937, SATURDAY. This morning I had heck-of-a-time in waking the radio operator to take his weather report. I had breakfast ready just as our vast population was arousing from their night fast. Joe got 3 eggs today from our backyard poultry pen. The hens are all looking well. They are under observation all through out the day. They seem to drink much more water than the average chicken on account of the heat.

Eddy and Joe had the upper and lower decks of the waterhouse (800 gal. tank) attached with rails to prevent any mishaps that might occur.

As I was whirling the (wet) sychrometer the bulb came off from its socket hitting the ceiling of the room before crashing to the floor. As not to be the object of criticism I think it was not through carelessness that was the cause; but would have happened to anyone at this hard luck moment, hi-hi! Now that we haven't any sycrometer we are dispensing with the wet reading.

It was overcast all through out the day and evening also it was misty. Eddy showed me how to cook "mulligan" stew. At six P.M. there was a light shower. We turned in at 10:30 P.M.

SUNDAY, JANUARY 31, 1937. This morning, being Sunday, we had late breakfast nevertheless the weather report was recorded on schedule time by myself. The boys had a few extra hours to sleep this morning.

Jarvis's surface wind velocity was 23 miles per hour. A very high wind velocity for this island. As a matter of fact it was overcast all day and the wind velocity was high; also misty all through out the day. We observed Sunday by dropping our manual labors and spent in fishing.

The other three boys circled the island while I spent the afternoon preparing an outline form for the bi-monthly report of all Government equipment, weather bureau equipment and food supply.

While on the windward the boys related to me how the attacked them. Some of it was funny while the other would have been tragedy. Joe and I scaled the wholeholes while Eddy fried them, on top of that we had corn beef hash, dried ulua with poi, pineapple for desert and tea as a beverage.

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Joe collected 4 eggs today.

After supper we caught only one shark. Victor contacted KPF of Honolulu at 8:30 P.M. We all turned in at 9:30. A half moon was visible all nite I noticed when I took my 9 P.M., 12 P.M. and 3 A.M. reading.

FEBRUARY 1, 1937, MONDAY. As usual we used force to get the radio man up to keep his 7 A.M. schedule with K6KPF. Joe had breakfast ready for us at 7:30. After I watered the plants this morning I went for a swim.

Eddy collected three eggs this morning. The wind velocity was low today. The channel was calm this morning. Joe, Eddy and I figured out the food supply inventory while Victor Kim worked on the weather equipment inventory. After all was completed I checked up on the Government equipment while Eddy and Joe had the steps nailed on to the roof of the tank. Eddy drilled holes for 8" eye bolts, the bolts are attached to 2" x 4" blocks. In the meantime Joe had the 2" x 12" block nailed to the floor of roof. Tomorrow we will erect the 12 foot support.

We had supper rather early this evening at 5 P.M. We didn't have any luck with the sharks tonite. Victor contacted KPF at 9:15.

FEBRUARY 2, 1937, TUESDAY. Everybody slept well this morning one reason was that we closed the windward window so as to keep the cold air out. After Joe had taken his 0600 reading I decided it was a good time to water the plants. The surf was high in the channel.

Our radio operator is a slow but sure cooker. We had breakfast 9:30. This morning we went shark hunting; the sharks were plentiful but we didn't catch any.

After the balloon sounding we had the north and south line transferred to its new site, where the wind vane and the anemometer will be installed on the new building.

This line will determine the preciseness of the wind direction. By this I mean we can set the wind vanes arrow on the north and south line. This will enable us to be more accurate on our wind directional recording.

For supper we had dried fish and poi. Victor also cooked kidney beans mixed with vienna sausage and bacon. He cooked it in a Korean fashion which was enjoyed by all of us.

The chickens layed only 3 eggs today. The channel was very rough all day. Our Contact with KPF was at 8:30 P.M.

FEBRUARY 3, 1937, WEDNESDAY. This morning I made bisquick bread for breakfast. When I took it out from the oven it looked delicious but it sure tasted salty. I evidently put too much baking powder. I noticed this when the boys turned to the saloon crackers. Joe collected three eggs this morning. We completed the erection of the weather instrument. On the left is what we assembled on the roof. The guy-rods was a little long so Eddy sawed off the end of the rods. The dotted line indicates the electric wiring connections. It is held in place by the steel ladders. We completed the job today due to the cooperative spirit we displayed.

We all went shark hunting this afternoon. We caught 2 sharks and a red snapper. The tide was high all day. This evening after the radio "sched" we white-washed Eddy and Joe in a card game of trumps. Although we were badly defeated by our opponents

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we were satisfied of our "white wash" victory. This, I think, is the first time any partners were "white washed" on Jarvis.

FEBRUARY 4, 1937, THURSDAY. Being the weather man this morning I was the first to initiate our 12 foot weather instrument support. After taking the anemometer reading I was asked by the boys if I felt a dizzy sensation, my answer was in the negative because of a dizzy sensation it snapped me out of my drowsiness the moment I set foot on the ladder of the support.

Victor got 4 eggs this morning. For breakfast we had sweet bread eggs bacon and coffee. Eddy Young was the cook this morning. The boys went fishing for Eninuus and Ulua. They caught only a few Aholeholes.

We didn't have any equipment sheets so I made a couple of duplicates and recorded all the Government equipments from another sheet to the duplicate.

I was confronted with the perplexed problem of adding the whole lot of figures in the maximum and minimum book. This took time but I won out only through patience and accuracy. The channel was in a medium state. This evening "Vic" contacted KPF at 9:30. One of the batteries went "dead" during the transmission with KPF so we had to insert another battery in its place.

We turned in at 10 P.M. The moon was visible at

FEBRUARY 5, 1937, FRIDAY. I watered the plants this morning then went swimming in the meantime Victor was contacting KPF and Joe was having breakfast ready for us. Eddy caught two sharks this morning. One measured 6 feet, a large grey shark; the other was a 3 feet yellow fin shark.

After breakfast we all helped in cleaning the camp. All the rubbish were thrown in the incinerator.

Being a pretty hot day we played cards and read the new magazines. Eddy records the balloon recordings in a professional manner nowadays.

Victor is a good surf board rider. Today it was an ideal weather to go surfing. We all went body surfing. This afternoon Eddy collected 4 eggs all of medium size.

We went rat hunting tonite. Victor killed 25 rats, Joe 20, Eddy 18, and I killed 15. "Victor" contacted KPF at 7:30. We played trumps before turning in for the nite.

FEBRUARY 6, 1937, SATURDAY. Cannibalism has taken a firm foothold on the poultry flock. To counteract this I smeared heavy grease on the tails of two hens ^{and} the rooster. We are keeping a close lookout for any serious cases. If so the next step will be to isolate those that are affected. This is not necessary.

Eddy collected 5 eggs today.

I prepared breakfast instead of Cictor who had a radio "sched" with KPF.

The radio "op" washed the dishes due to the fact that I did the cooking for him. This morning we went trolling for "Uluas". We caught a lot of "Papaas". It is not edible and is the "pestiest" fish in these waters. It ranges in length from 4" to 12" and can be classified in the "bait thief" group. I watered the plants at 5 P.M. then I went swimming.

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Victor had supper ready at 5:30 P.M. We played the game of 500 this evening. The channel was calm all day. Victor contacted KPF at 9:30. He got through relaying the balloon recordings at 10. We turned in at 10:30.

FEBRUARY 7, 1937, SUNDAY.

Joe was trolling for Pompano early this morning. The parrot fishes were so numerous that he almost got a hold of one by its tail. I had breakfast ready at 7:30 A.M. Victor and I had omelet while Eddy and Joe had their eggs sunny side up. Mush, hot cakes, cooked prunes, bacon and coffee made up the rest of the menu.

At 7 A.M. Victor contacted KPF of Honolulu. The tide was very low on our side of the island so we decided to go fishing over by the Amaranth. We started out on our destination at 9:45 upon our arrival we were disgusted at the tide on this side of the island. The large breakers came racing in toward shore and threatened to topple us head-over-heels.

We came back at 12 noon empty handed. Eddy and Victor took the balloon recording while Joe and I continued our grudge game of "honeymoon" trumps. This game is similar to trumps only two persons are necessary to play the game. Victor Kim won the title of the "Champion Eater" on Jarvis. "He is slender but he has a large consuming capacity," says Joe. Victor contacted KPF at 8 P.M.

FEBRUARY 8, 1937, MONDAY. I watered the plants then tended to the chickens. Victor is the poultryman today but his radio "sched" was a little longer than usual.

After breakfast we reinforced the steps leading up to the storage house. To insure greater stability we used 2" x 4" lumber as treads. Our chief carpenter Joe Kim says he's not afraid to walk up these flight of stairs in the morning to take the anemometer reading.

The tide was low this morning and increased in the afternoon. Joe collected six eggs this afternoon. The hens have increased their egg production to a 100%.

Joe Kim and Eddy Young went torching. They caught 5 moanas each measuring a foot in length. According Eddy and Joe these grow exceptionally large on Jarvis. They also caught 2 lobster and two crabs.

We had a fish dinner at 10 P.M. Then played cards up to 12 P.M. Then we retired for the nite.

FEBRUARY 9, 1937, TUESDAY. Was the last to awaken due to the fact that I was the poultryman this morning and saw that the hens had lots of water and laying mash before them. The rooster is affected from cannibalism. Tomorrow I'm planning to treat its tail with heavy grease. A hen also is suffering slightly from this disease. The hens again made a 100 per cent egg record today. I collected 6 eggs.

The tide was again low today. Joe went trolling as usual this morning and didn't catch even a parrot fish which are so numerous in these waters. We had to change one of the water drums for another. This drum evidently was from the old stock and its contents tasted like gasoline. Joe and Eddy replaced this drum for a new one.

This afternoon was spent in reading and playing cards. I spent the latter part in restful sleep. This evening we had boiled "moano" which was the left over from last nite. K6GH2 contacted Honolulu (K6KPF) at 7:30.

FEBRUARY 10, 1937, WEDNESDAY. This is Bak Sung Kim's turn to cook our breakfast but his radio schedule kept him overtime. As a matter of fact I'll take his place as cook in the morning and he'll do the dishes in my place.

The poultry department - I mean the chickens - didn't do so well today. Eddy gathered only 3 eggs this evening.

I'm constructing a (red bricks) sidewalk running from the supply shack to the kitchen. The bricks I gathered from the incinerator which the guano diggers built and also from around the camp. I finished half of the job already.

Eddy took a bag of cement across to the Amaranth for the construction of the pyramid and Joe built a box for the lead plate which will be inserted into the pyramid.

The tide was normal during the day. This evening Victor and I had the pleasure again to give our worthy opponents Joe and Eddy the "white wash" in our grudge game of trumps. Victor's famous phrase is "Hold that line!" He contacted KPF at 8 P.M.

FEBRUARY 11, 1937, THURSDAY. Eddy and Joe caught a 25 pound Ulua after breakfast. I did not work on the walk this morning but instead I am working on a sign - Millersville - which is the name of this station. There isn't any small paint brush with which to do the lettering. After all if "there's a will there's a way."

The tide was very low this noon. It was possible for Eddy and Joe to venture way out into the channel. After balloon sounding we made two awnings for our kitchen. We didn't use the new rollof canvas but the 3 ft. wide canvas.

Now we can cook without being bothered from the sun's rays. This afternoon at 5 Eddy, Joe and Victor managed to "bring 'em back alive" a 7 ft. gray shark the largest ever caught in these waters. It weights about 350 lbs. The girth measured 50" inches. At 6 P.M. I gathered 4 eggs. This evening Bak Sung Kim sent a radio message concerning the maneater to Mr. Black at 7:30 P.M.

FEBRUARY 12, 1937, FRIDAY. I surprised the boys this morning when I hoisted the flag to half-mast according to military procedure. They were surprised to see the flag up so I had to explain that this was Lincoln's birthday, the great presidential emancipator. The boys had their pictures snapped with their mammoth catch (shark) this morning. Eddy stripped the shark of its jaws as proof. Joe and Eddy went fishing for Aholehole bait; with the intention of catching another maneating shark.

At one o'clock I assisted Victor with the balloon sounding I noticed that at 3,000 ft. the wind velocity was 36 miles per hour; the surface wind velocity was 21 miles per hour. The wind velocity was very high today.

At 5:20 P.M. one of the hydrogen tanks burst. The noise sounded like a punctured tire when we got to the balloon shed the hydrogen had all leaked out. Before examining, however, we made sure that the window and the door was wide open.

We arrived at the conclusion that it was due to the high pressure within the tank or else the valve couldn't withstand the pressure. Victor collected 4 eggs at 6 this evening. We turned in at 10:30. Victor contacted KPF at 7 P.M.

FEBRUARY 13, 1937, SATURDAY. The plants are not doing so well. Only the pine and kamani tree are doing fairly well. The mango and coconut trees have ceased to grow.

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grow. The water that's in the 800 gallon tank is very clear and better to drink than the water in the drums. The pump is not functioning properly; we are not drinking this water but those that are in the drum. Today at our usual grudge game of trumps, Victor and I were "white washed" by our worthy opponents, Joe and Eddy. This is our first defeat we suffered so far. This afternoon we continued on the sidewalk we are building of bricks. Bricks are very plentiful on Jarvis and we have managed to collect 600 bricks which is approximately the amount for the walk.

The tide was very low today. The boys caught two sharks this morning. I collected 4 eggs this afternoon. Victor contacted KPF at . The evening was spent in reading and calculating on math problems which were furnished by our "math-prodigy" Victor.

FEBRUARY 14, 1937, SUNDAY. Bak Sung Kim cooked breakfast. Joe was as usual fishing for "Ulua". A general cleaning. Putting the medical supplies in order and discarding other useless articles lying around.

After everything was in order, I continued on the sign, which I am going to set up in front of the camp. The sign is the ~~name~~ of this station - Millersville.

The tide was very rough in the channel. Eddy collected two eggs today. Looks like the chickens are laying down on us. They are very fond of eating rats.

This afternoon I finished laying out the bricks up to the kitchen. There are only three bags of cement left and I don't want to use it on the walk until the pyramid is constructed. The left over will be used on the sidewalk. Victor contacted KPF.

FEBRUARY 15, 1937, MONDAY. Being up late last nite I was the last to get up! When I finally woke it was about 7:30. I had breakfast ready in no time. Thanks to my previous three months' experience. The other three boys were busily hunting for Uluas, so I ate my breakfast then proceeded to take inventory of the supplies. Joe and Eddy took the food inventory after breakfast, while Victor took the weather equipment.

I managed to finish the sign today. The board is a foot wide and 5 ft. long. The letterings are an inch thick 6" high and a half inch spacing between letters.

Joe is making a small safe where we can put food so that the rats cannot get at it. As a matter of fact it's just a box which he has converted into a small and convenient safe. He will make a screen door for it. This will make it cinch - as rat proof! I enjoyed surfing this afternoon. The egg production is three eggs. Victor contacted KPF at 7:45.

FEBRUARY 16, 1937, TUESDAY. I beat the alarm clock to it. When I woke it was 5:59. Joe caught two Uluas this morning before breakfast. Both measured over eighteen inches in length. There are two types of Ulua the black and the blue; Joe caught the former. Both of these species are good eating fishes. In fact there the most delicious eating the other fishes on the islands. The waves were ideal for surfing at 10 A.M. so I surfed until 12 noon.

Joe finished the safe this afternoon and was initiated by Eddy this evening. The leftover of the corn beef was placed in it. Before going surfing this afternoon I dug a hole for the "Millersville" sign.

Victor got 5 eggs from the poultry house. The tide was agreeable all today.

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For supper we had "breaded Ulua". Victor contacted KPF at 8 P.M. We turned in at 9:30.

FEBRUARY 17, 1937, WEDNESDAY. For breakfast we had "Joe Kim" special, egg mixed and with sardines. Before breakfast I fed the chickens while Victor started the motor. After breakfast I dug the hole for the sign a little deeper so as to give the post stability.

A few days back we lost one of our hunting knives. This morning while surfing I slit my foot. I told Eddy that I had a corral cut. He said perhaps it was the knife. And now I'm positively sure it was the knife. Eddy is suffering from a boil located under his right arm pit. Today I squeezed the pus and applied

I collected five eggs this afternoon. The surf was calm. The moon appeared at half past six this evening. Just over the camp. The evening was spent in reading and strumming the guitar. Jarvis Island has two good crooners in Joe Kim and Eddy Young. Victor contacted KPF at 7:30. Turned in at 10:30 P.M.

FEBRUARY 18, 1937, THURSDAY. For breakfast we had Bacon and eggs. Quaker oats as our cereal, hot cakes and corn beef and cabbage from last nite. About nine o'clock I made a thorough search of the sea floor with hopes of recovering our long-lost hunting knife. The sea weeds are very dense on the ocean floor and it was similar to looking for a needle in the haystack; about 10:30 I gave up the search.

The motor brokedown at nine o'clock this morning due to the piston ring which had a quarter of an inch brear. Therefor, the oil instead of lubricating the piston, leaked out through the quarter inch gap. The motor needs a new piston and ring before it can resume operation.

Joe has constructed a screened box. Today he caught 25 Aholeholes (4 inches in size). He put it in the screened box and lets the box float on the water. The latter is anchored to the bottom, these fishes have lots of room to swim around in the box.

"This is the way to preserve the fishes," says Joe Kim, the inventor.

The hens laid 5 eggs today. Victor contacted Honolulu at 7:15 P.M.

FEBRUARY 19, 1937, FRIDAY. Eddy, still in a daze from sleep was surprized to hear that the "fish preserve box" which Joe had constructed had disappeared during the nite! The cause of it was due to the high tide that occur during the nite.

Before breakfast I went swimming while Joe was catching more Aholeholes to make up for the loss which he had caught the previous day. After breakfast Joe and I replaced one of the empty drinking water drum.

In the meantime Eddy began to construct a "tide proof" box. It is longer in length than the other box. After watering the plants at 8:30 I went surfing, at the same time I kept my eye open for the hunting knife. Today the tide was calm. The wind velocity was very low all day the highest was 8 miles per hour. It was clear all day.

The chickens laid 4 eggs today.

"Eh, termites!" Victor exclaimed. Surprisingly to state this is the first time I noticed them. I am inclined to think that they were the descendants from the Amaranth!

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We contacted Honolulu at 7:30 P.M.

FEBRUARY 20, 1937, SATURDAY. This morning the box which Eddy constructed was still floating on the water. Last nite Eddy and Joe went fishing. They caught with hook and line: 15 large Aholeholes, 10 Popaas, 1 "U-u" (Hawaiian name) and 3 other fishes(all of the same) the names we don't know.

In the morning when Eddy and Joe peered into the box all the fishes were alive. For breakfast we ate two of the three anonymous fish, four Aholehole. After breakfast Joe scraped the cast iron pot until it looked like new. Eddy gave the camp a general cleaning while I watered the plants. Victor in the meantime tended to the chickens. He collected 4 eggs this afternoon. The tide was normal all day. The day was very hot indeed, the thermometer roared up to 91°.

This evening Joe caught a "Oio" which was about 14" long, Eddy caught a good many Aholehole while I was satisfied in catching a "veke".

"Vic" contacted KPF 8:40 P.M. We turned in at 11:30.

FEBRUARY 21, 1937, SUNDAY. We observed Sunday morning by sleeping a little later than usual. This did not effect the weatherman, "Big Ben" got Eddy up at six to take the morning's anemometer reading. For breakfast we had fried Aholehole and Veke; hot cakes, rolled oats and coffee. After breakfast I went surfing. About nine o'clock the tide began to rise. The day was spent in reading and playing the guitar.

Our bag of scratch feed for the chickens has reached the half way mark. We used a $\frac{1}{2}$ bag so far. We are cutting down on the scratch and giving more laying mash. I collected 5 eggs this afternoon. We had boiled aholehole for supper also Joe fried some.

The moon was up on the North East wall at half past six. We went fishing at seven P.M. I caught the first fish and it was one of those on the opposite page. Eddy caught 10 aholehole, Joe caught 8 while I caught 2! Victor contacted KPF at 8 P.M.

FEBRUARY 22, 1937, MONDAY. In observance of Washington's birthday I lowered the flag half mast. Victor and I celebrated the occasion during breakfast by smoking a cigar.

I watered the plants at 9 O'clock, went surfing at 10. In the meantime Joe and Eddy went fishing. The tide was low this morning. For dinner Victor made a large cake;;fried aholehole, boiled lobster, spinach, poi and dried fish made up the rest of the menu. This evening Eddy, Joe and I went fishing on the South coast. All we caught was a few "Kupipi" (a non-edible fish). When we arrived back in camp it was 11:30 P.M. Victor had hot tea and crackers prepared for us. We turned in at one P.M. 4 eggs were collected today.

FEBRUARY 23, 1937, TUESDAY. While our vast population was still in dreamland I prepared aholehole for breakfast, aside from that we had vienna sausage, quaker oats, crackers and coffee. At nine Eddy, Joe and myself journeyed across to the Amaranth we started construction on the pyramid. We dug down a foot to give the structure firmness. Joe laid the plate in the cement by tomorrow he'll take the cement out from the box. There's lots of stone where we are working, this makes it convenient for us. Eddy laid the foundation for the pyramid. In the meantime I hauled the stones while Joe broke the large ones with the sledge hammer. I went fishing and caught six aholeholes. Eddy and Joe wrote a few messages to their friends and folks this evening.

FEBRUARY 24, 1937, WEDNESDAY. After the foundation was set we erected the 16 foot pole and propped it up by means of the wreckage lumber that was lying about. The lead plate sunk in the cement slab turned out good. The cement, where it overlapped the plate was very ragged in places. Joe patched it up and as a whole it looks fine. After that was done we speared couple of aholeholes and returned to camp. The tide on this side was pretty rough at 12 o'clock. However the tide over by the Amaranth was calm.

Victor collected five eggs this afternoon. I watered the plants at 4:30 P.M. Eddy and Joe went fishing this evening at 6:30 P.M. Victor contacted KPF.

FEBRUARY 25, 1937, THURSDAY. The rooster is affected by cannibalism and I applied heavy grease on its tail this morning. Last night Joe and Eddy caught 5 sharks and I busied myself before breakfast cutting the fins. We had an excellent breakfast prepared by our chief cook, Joe Kim. We took can poi, salmon, 2 pineapple for our lunch where we are doing our constructing work by the Amaranth. Eddy and myself caught a few aholeholes and hinaleas. We cooked the fishes by the Hawaiian method-"Pulehu".

About 4:30 in the afternoon we called it quits and returned to camp. Victor collected 4 eggs this afternoon. The afternoon was exceptionally warm. We had supper at 7 P.M. We enjoyed the fish supper Joe cooked. Victor contacted KPF at 8 P.M. We turned in at 10:30 P.M.

FEBRUARY 26, 1937, FRIDAY. Victor was supposed to cook this morning but he was immersed in a love dream. I took over his duties as cook. And we had an early start on our job. By tomorrow we will be through piling the rocks and next week will cement the cracks and crevices. We arrived back in camp a little after twelve noon. The day was very warm. The tide was low at noon. Eddy and Victor took the balloon sounding. The sky was unlimited today. The wind velocity was very high all day. During the afternoon we went swimming to cool off.

This evening Victor made a new dish -salmon a la mode. It's just a mere combination of soup and stew form. He makes his own recipe. Only sometimes the dish turns out good. Victor contacted KPF at 8 P.M.

FEBRUARY 27, 1937, SATURDAY. We had breakfast early this morning. Joe and I installed another plant water drum. We have used $2\frac{1}{2}$ drums of plant water this past two months. I also watered the plants before going over to the Amaranth. This morning we finished stacking the stones for the pyramid. Next week we'll plaster the cracks and crevices with cement. We've got the tablet inserted in the pyramid and the iron ring inserted near the rectilinear base facing the sea side. I had sealed in a can the names of three of us who worked on this construction job. I placed the can in back of the tablet.

The tide was very rough in the channel from 12 noon and throughout the night. Joe collected four eggs today. Victor contacted KPF at 7:30.

FEBRUARY 28, 1937, SUNDAY. The pounding of the surf against the reef was audible this morning. The wind velocity was 25 miles per hour at six when I took the morning's reading. We had excellent hot cakes this morning aside from that we had quaker oats, vienna sausage, salmon and coffee. The cook was none other than Eddy Young. Four eggs were collected this noon. We spent the day indoors reading and playing music.

Joe read three books today; they are as follows: Shatter the Dream by Norah James, The Unwilling God by Percy Marks, and Checkers by Henry Blossom.

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I read all except the first book and I recommended all these books. I read for the sixth time - Les Miserables. Eddy and Victor read magazine novels. Victor contacted KPF at 7:30.

MARCH 1, 1937, monday. The tide was very rough in the channel this morning. The wind velocity was about 17 miles per hour at 0600. I fed the chickens before breakfast and watered the plants at 8:30. We took the bi-monthly inventory at nine P.M. Then gave the camp surroundings a general clean up. We went swimming and surfing in the afternoon. The afternoon was spent in reading. We let one of the hens out on account it was suffering from lameness, the cause is not known. We have nicknamed it "Edgar" in honor the athlete, Edgar Hopkins now stationed on Howland Island. I collected five eggs today.

This evening we went on a rat-ing spree. Bak Sung Kim murdered 35 rodents, Joe Kim, a distant relative of the former, killed 25, Eddy and I killed 40 rats between ourselves. Bak Sung contacted KPF at 8 P.M. We had a card game before turning in.

MARCH 2, 1937, TUESDAY. Today the hen, which we let out, looked as if it barely could get around. I think one of us accidently stepped on it when going into the pen. This afternoon we let out all the chickens; we hope by this act it will reduce cannibalism in the flock. This morning we were unsuccessful in surrounding a large school of mullet which was swimming about in the proximity of the channel.

Joe made two of the old knives look new by sandpapering the rust and sharpening the knives. Eddy spent the day in mending our surrounding net. Victor made doughnuts which was good, to my estimation because I haven't tasted it for six months. Victor contacted Honolulu at 8 this evening. Vic collected four eggs. We turned in at 10:15.

MARCH 3, 1937, WEDNESDAY. It was a bit chilly this morning, the wind velocity continued to soar in the 20 miles per hour zone. We had early breakfast and after that we were about to go over to the Amaranth to finish the cementing of the pyramid when a squall suddenly appeared. It lasted for about a half an hour. This is the first time it rained since the arrival of the Duane. The tide this morning was low in the channel. Joe collected five eggs. He put it in another box to see if the hens will set on it. All the eggs are large and well shaped. By this method we hope the possibilities of hatching will be greatly increased.

After supper we went on another of our "rat extermination drive" and I was successful in chalking up 53 rats, Eddy 45, Joe 40 and Victor killed 38, thus making a total of 176 rats. This evening at 8 P.M. Eddy and Joe caught a large shark (they estimated it to be twice as large than the one they caught a few weeks back). Unfortunately the line broke and the victim escaped. Victor contacted KPF at 7:30.

MARCH 4, 1937, THURSDAY. We have a baker in Eddy Young! He certainly knows how to make those crispy doughnuts. I thought the doughnuts arrived from Honolulu via the "Booby" express. Eddy, Joe and myself managed to cement the whole pyramid structure today. About 2 o'clock Victor came over and with a keen eye admired our masterpiece. We used up a bag and a half of cement for this particular job. We got back in camp about 3:45 P.M. We all went swimming. After supper Joe and Eddy went shark hunting. Today they sharpened a large man-eating iron hook. Their intentions were to "bring 'em back alive" the one they caught last night; but they were unsuccessful tonight. Eddy and Joe whitewashed Victor and me thrice this evening in trumps. This is the worst defeat we suffered so far. "Vic" contacted Honolulu at 7:30. Today we left the four eggs with the five for setting.

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MARCH 5, 1937, FRIDAY. We had early breakfast this morning. I whitewashed the pyramid while Eddy and Joe finished cementing the top of it. There wasn't enough whitewash mixed to paint the pole. Tomorrow we'll take a little more whitewash to finish the job. The paint in the letterings of the lead plate is wearing off so we will use white paint on the letterings tomorrow. We arrived back in camp at 12 this noon. I assisted "Vic" in the balloon sounding then went surfing. In the meantime Joe and Eddy skinned three Boobys which we killed on our way back from the Amaranth.

Joe, Eddy and Victor had their hair clipped this afternoon. Joe cooked the Boobys in stew form which was enjoyed by all. We didn't realize that Booby birds taste so delicious when properly cooked. I collected eggs this evening. Victor contacted KPF at 7:30 P.M.

MARCH 6, 1937, SATURDAY. We had breakfast at 10 A.M. On account of Victor's nocturnal habit, he overslept himself. This A.M. we finished painting (whitewash) the pole. It was not necessary to use white paint because we smeared whitewash on the plate and rubbed the surface off with a rag. Eddy and Joe went fishing while I returned to camp. Due to the fact that they got after one P.M., I assisted "Vic" with the balloon sounding.

In the afternoon I took a nap. In the evening I watered the plants. Eddy collected eggs. We indented Jarvis's rat population by a total of 35 of their pitizens. Eddy killed 13, Victor 12, Joe 11 and 9. Victor contacted KPF at 7:30 P.M. Eddy, Joe and myself went curlew hunting at 8 P.M. We scurried the NE coast of the island and managed to catch two curlews and a golden by means of a searchlight. We got back at ten and played cards until twelve P.M.

MARCH 7, 1937, SUNDAY. When I went to cook breakfast I discovered the two curlews had jumped the wall of the kitchen and ran away. We clipped its wings last night making it impossible for them to fly. We were going to try and domesticate them.

Only the plover is in captivity. This is Eddy's pet. He has named it Frances in honor of one of his many girls he admires. Armed with a shovel after breakfast I had a fine collection of marlin tail feathers. By exerting a little pressure on the neck of the marline, of course with the shovel, I managed to collect about 30 of these rare feathers. Eddy and Joe went about making a scoop net today. The net looks all right. "This is a quicker way of catching wholeholes," says Eddy. Victor contacted KPF at 7:30 P.M. Joe collected three eggs today. The channel was clear all day.

MARCH 8, 1937, MONDAY. After breakfast Eddy, Joe and myself staked off the proposed airfield of Jarvis Island. We had a difficult time in staking off the field, due to the fact that the stakes which we were to follow and was previously put there by the Government engineers did not coincide with the drawing which was given to me by Mr. Campbell. I am inclined to think that the drawing is incorrect. As a matter of fact Campbell didn't sketch the plan himself, but was drawn by his assistant Jesse, a surveyor, now stationed on Howland. According to how Mr. Campbell wanted it to be done (when he was here on this last trip) he gave me definite instructions by which to follow when I went around with him the day he was on the island. After we got the field staked off I painted the cement surrounding the lead plate of the pyramid with aluminum paint.

This evening we went torching over by the Amaranth. We caught four large mullets measuring over two feet and weighing about 15 to 20 pounds. We also caught 10 lobsters of medium size. At 10:30 we had a fish feast. This is the first time we

have seen monster mullets. Victor collected three eggs.

MARCH 9, 1937, TUESDAY. Before breakfast I watered the plants and fed the chickens. While Joe had a fish breakfast prepared for us. We had a late breakfast due to the fact that we turned in after 12 last night. Eddy and Joe was still trolling for sharks up to 2 A.M. this morning. The kitchen was turned into a blacksmith shop this morning. Eddy sketched an enormous shark hook on paper. The forge was none other than the gas stove while the materials were two sledge hammers and a spring steel as the hook. It took them four hours to get it in the right shape.

I started work on the "no smoking" sign which will be placed outside of the balloon shack. This danger sign is to warn a person that there is hydrogen stored in that house. The sign is $9\frac{1}{4}$ " wide, 4' long and the letters are 5" high. Will be painted similar to the Millersville sign. Same kind of paint.

I stole 15 feathers from the marlin birds thus bringing the total up to 45 feathers. I collected five eggs today. Victor contacted KPF at 7:30 P.M. Eddy and Joe went shark hunting this evening.

MARCH 10, 1937, WEDNESDAY. This morning for breakfast we had "cast iron" doughnuts made by Bak Sung Kim better know to us boys on Jarvis as the "technical adviser" to the leader on said island. Eddy, Joe and myself carried four bags of rocks each $\frac{3}{4}$ of a mile opposite the camp. We are using the rocks to fill up the airplane runway marker. After we all carried our load we agreed that this was the hardest (heaviest) job we ever tackled. The sun's heat was mercilessly sapping the energy out of us and this made it more irksome. We were covered from head to foot with guano and we all took a good bath. Eddy and Joe took a nap after that strenuous work. I managed to finish the sign (no smoking) this afternoon. Eddy collected four eggs this evening. The tide was very low this morning in the afternoon it gradually began to rise. Victor learned this evening (K6MTE) that the Shoshone departed from Honolulu to Howland ~~at~~ at 7:30 this morning. "Vic" and I "whitewashed" our opponents intrumps. They repeated that process twice on us this evening.

MARCH 11, 1937, THURSDAY. I got up at seven and had breakfast ready. The topic at breakfast was about motorcycle and its endurance capabilities. The debaters are Joe vs. Victor. The debators became so overheated that Eddy and I who were the judges agreed that Joseph Kim was the "WINAHI" And thus a revolution was quelled on Jarvis Island. I watered the plants then hung the "no smoking" sign outside the entrance of the balloon shack. Eddy, Joe and I carried a bag each of rocks to finish the job we started on yesterday. We came back to camp and painted the weather vane and the newly erected addition of the 800 gallon tank house. There wasn't enough shingle paint so we used the left over of the grey floor paint.

Victor had lunch ready for us at 2 P.M. We took a bath then turned in for the afternoon. Joe collected eggs after supper. Victor contacted K6MTE at 7:30. We played cards then turned in at 11:30 P.M.

MARCH 12, 1937, FRIDAY. Eddy cooked my specialty for breakfast "hard boiled" eggs. I raided the marlin hideouts and was rewarded with 15 feathers thus boosting the total. Eddy and Joe went shark hunting by the Amaranth; they caught 13 sharks. Joe got in one of the shark's way, was dealt with tatoo-like blows from its vicious tail on his shin. Eddy in the meantime got a hold of a shark by its tail and was trying to haul on the beach, he too received a slap . . . on the face by the shark's tail.

Victor gave a good cleaning of the balloon shack. He collected four eggs. The

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hen is still setting on the eggs. We had "mulligan" stew for supper. Victor contacted MTE at 7:30. He copied Associated Press for news on the maritime strike but no information came from that branch. We played cards then turned in.

MARCH 13, 1937, SATURDAY. The tide was low in the channel. This morning I emptied another drum of plant water. This drum lasted only two weeks on the plants. Only a few of the plants have survived the intensive heat: a pine, hau, coconut palm, milo and another plant, I don't recall its name. After observing the plants for a period of five months it is no wonder that they cannot attain maturity rapidly enough, due to the heat and the lack of rainfall plus soil.

Looks like in a few days more perhaps two weeks Jarvis Island will have chicks. One of the hens is setting. It started on the 8th of this month and by Easter morning we should have chicks. We spent the day indoors reading, etc. I collected eggs this evening. At 9 P.M. we all went rat hunting. We were killing a total of 25 rodents while Victor killed only three "mouseketeers".

The radio "sched" was at the usual time. We turned in rather late tonight.

MARCH 14, 1937, SUNDAY. This morning being Sunday we had an unusual late breakfast. The chef was none other than Bak Sung Kim, student aerologist and radio operator. Joe and Eddy are hooking the fishes like nobody's business. They owe their success to a contraption which Eddy rigged up when the tide was low in the channel. He attached a pole 7' in length to an iron wheel located in the channel. A rope is attached to a pulley on the pole. The idea is to keep the hook off the ground at the same time the line could be regulated to any distance by manipulating the rope. The fish breaks the thread when it resists arrest. Eddy collected four eggs. MTE failed to contact Vic at 7:30.

MARCH 15, 1937, MONDAY. This morning Joe, Eddy and myself erected a new roofing for the supply shack (only that portion facing the main house) Within the dotted line shows the newly erected roof. Over this we tacked the heavy canvas which is 6' wide. From the joist it continues clear over the other side of the roof as indicated in the above sketch. We used up about 46' of canvas. This evening Joe collected three eggs. Another plant water drum was used up today. K6MTE did not contact.

TUESDAY

MARCH 16, 1937, MONDAY. Today was a busy day for Eddy, Joe and me. Joe and I took inventory of the food supply (we were busy yesterday). We discarded all the useless boxes and rubbish and gave the shack a good cleaning. Meanwhile Eddy took the gas stove apart and washed it with gasoline. Joe helped him later. They also painted the stove where it needed painting. I cleaned the tools and mended the tool box and gave a general cleaning of the tool house. The stove looks just as new as the first time we had it on the island. I white-washed the supply shack this afternoon, then we all went swimming. Victor collected four eggs after supper. Eddy and Joe worked on the duplicate form of the "Airway weather report" this evening (month of Jan. to March 8).

K6MTE did not contact K6HGZ this evening.

MARCH 17, 1937, WEDNESDAY. Eddy, Joe and myself worked on the sidewalk (of bricks) after breakfast. We mixed sand and cement and put it between the bricks to insure firmness. Two feet more and we'll be through with this job. Dotted line indicates how much ground we covered today. These past few weeks the days were very hot. This afternoon we spent a couple of hours cooling ourselves off in the water.

Two hens are setting so I left the three eggs I collected in another box so that

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the second hen can set too. This evening we continued recopying the Airway Weather Report for the month of January up to March the eighth. Victor and myself had the honor of "whitewashing" our honorable opponents in trumps.

KPF contacted Victor at 8, then contacted him again at nine fifteen this evening. We gave our opponents another whitewash.

MARCH 18, 1937, THURSDAY. We had breakfast at the usual time when Victor is the10 A.M. Instead of waiting till after breakfast I began working on the sidewalk at 8 P.M. Eddy helped me put the finishing touches on the job. We finished the sidewalk at 12 noon. The heat was terrible this morning and we enjoyed our swimming.

The shortest balloon shunting ever recorded on this island was made today - the time was 2 minutes. I am working on another sign "Supply Shack". The board is 12" x 48", the letterings will be 7" high.

The tide was normal in the channel. We all took a nap this afternoon. Eddy collected three eggs and left them in the box. Now both hens has six eggs apiece to set on. We learned tonight from KPF that Miss Earhart arrived in Honolulu at 6 A.M. this morning. We turned in at 11 P.M.

MARCH 19, 1937, FRIDAY. There was a little shower at 8:30 this morning. We went fishing at 10 A.M. We took along our surrounding net which measures about 50 ft. in length. The first two casting was unsuccessful, it brought us only six aholeholes. The third school of aholehole we surrounded netted us 118 aholeholes. It required three hours of cleaning, salting and setting them up to dry. The boat, Shoshone, will be here within the next couple of days and we are making a raid of the aholehole rendezvous.

Joe made another torch (we have two now) this afternoon while Eddy made two spears 5 ft. in length. When the moon set tonight (will set at 1 P.M. we calculate) we will go torching for mullets. We spent the evening mending our net. Joe collected three eggs this evening.

MARCH 20, 1937, SATURDAY. We got up at 1 P.M. this morning just as the moon was disappearing over the horizon. Got out our torches and went over to the Amaranth to fish for mullets. We caught five of these monsters (really they are very enormous in size) each measuring over 20". We also speared 8 vekes, 6 moanas, 1 wowo (similar to a mullet but smaller in size) and five lobsters. We arrived back in camp at 5:45 A.M. Had breakfast then armed with our surrounding net caught 42 aholeholes on our first try, then 379 on our second try! Our two burlap bags were filled to capacity. Yesterday's and today's catch was caught in the same place, at the SSW end of the island. By the time we got through cleaning the fishes it was a little after one P.M.

We turned in at 2 P.M. Woke up at 8 and had supper at 8:30 P.M. Eddy collected three eggs this evening. Victor contacted KPF at 9 P.M. We turned in at 12 P.M.

MARCH 21, 1937, SUNDAY. Everybody was up early this morning to change our luck we journeyed over to the east north east point of the island. Our luck was still with us. Our first catch netted us 84 aholeholes and the second we were out of luck. Our third we captured 352 of these species.

Eddy, Joe and myself carried 90 each in our respective bags, while Victor carried 82 in his sack. We journeyed back to camp for a distance of 2 miles. It was sure a

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long hike back to camp - with the load we had on our backs. We got back at 2 P.M. and the fish dried and cleaned at 4:30 this afternoon. The grand total is 897 wholeholes. I watered the plants this morning and also fed the chickens. I collected three eggs at 5 P.M. The boys spent the evening writing letters to their parents, friends and sweethearts! . . . All of them have the latter. "Vic" contacted KPF at 9 P.M. We turned in at 10 P.M.

MARCH 22, 1937, MONDAY. We went fishing over to the same place where we were yesterday. This morning we topped all existing records of catching the greatest number of wholeholes in a few hours. Our first catch netted us 423, our second we were fortunate in gathering a mere two hundred and forty wholeholes, making a total of 663 wholeholes. Thus the grand total for our four days' fishing is 1,560! We caught a few other fishes of various species. Today everyone of us carried a full ~~gale~~ bag of wholeholes (150 perbag) averaging a hundred pounds per bag.

When we got back our worries were not over for the cleaning and drying process kept us busy up to four this afternoon. We had early supper - 4:30 P.M. Eddy collected two eggs this evening. "Vic" contacted KPF at 10 P.M. Received news that Shoshone will be here between Wednesday or Thursday of this week.

MARCH 23, 1937, TUESDAY. Now-a-days I can't cook hot cakes to save my life! This morning the first batter of "Aunt Jemima" was a "wee" too sweet; my second attempt with a "Gold Medal" flour was a failure also. The latter looked like leather and tasted like it. I hope I can cook it good when the boat arrives. Eddy and I changed the pebbles of corral on the kitchen floor with some fresh ones just outside the beach.

Joe had the firewood neatly stacked, and also repaired our dining table. He and Eddy did some upholstery work on their kitchen chairs. The kitchen is in ship-shape condition after we alternated things around a bit. "Victor" cleaned the anemometer instrument with gasoline. We divided the fishes that were all ready dried this afternoon. There are about 600 more fishes to be divided among us. We divided over 900 fishes among ourselves this afternoon. Joe collected eggs (3) this evening. "Vic" contacted KPF at 9:30 P.M.

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U. S. COAST GUARD CUTTER "SHOSHONE"
North Pacific Waters

At Sea,
March 29, 1937.

From: Richard B. Black, Field Representative, U. S. Department
of the Interior.

To: The Surgeon, U. S. Coast Guard Cutter "Shoshone".

Subject: Physical Examination.

1. It is requested and will be appreciated if the following named men, employed by the U. S. Department of the Interior, be given a thorough physical examination:

Paul Yat Lum
Charles Ahia

2. Request result of physical examination by indorsement on this letter.

RICHARD B. BLACK,
Field Representative,
U. S. Department of the Interior.

USS SHOSHONE CG.

1st Indorsement

29 March, 1937.

From: Assistant Surgeon David J. Zaugg, U.S.RH.S.
To: Richard B. Black, Field Representative, U. S. Department
of the Interior.

Subject: Physical examination, report of.

1. The above named men were examined by me this date and the conditions as noted were found in their respective cases:

Paul Yat Lum: Conjunctivitis, with beginning pterygium,
right eye.

Charles Ahia: Carious teeth.

DAVID J. ZAUGG.

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U. S. COAST GUARD CUTTER "SHOSHONE"
North Pacific Waters

At Sea,
March 29, 1937.

We, the undersigned, do hereby certify that we have contracted no physical disabilities, while employed at Baker and Jarvis Island by the U. S. Department of the Interior, other those stated in First Indorsement of letter dated March 29, 1937; Subject: Physical Examination, from Richard B. Black, Field Representative, U. S. Department of the Interior.

PAUL YAT LUM

CHARLES AHIA

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FIELD REPRESENTATIVE

9th Expedition

Apr. 5, 1937

Letter from Field Rep. Black, - last paragraph says " My rept. of the last, or the 9th Expedition, is being prepared and photographs taken by the Army and Navy photographers will soon be ready and all will be forwarded to you as soon as possible".

Filed on 9 12 7 - Employees - "P" - BLACK, R.B.

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