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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State:

DESCRIPTIVE REPORT.

Top. Sheet No. 3393.

LOCALITY:

Hawaii - West Coast -

Kaunakakai to Union Point.

1913

CHIEF OF PARTY:

E. R. Howard

11-4645

3393

Small bit of top'y near lat $20^{\circ}03\frac{1}{2}'$ applied to compilation 4167
Z.M.A. Mar. 1941
Applied to compilation 4140 Z.M.A. June, 1941

To accompany Sheet "E," Union Mill to Kawaihae Lt., Hawaii Co. T. H.
Eoline R. Hand, Asst., Chief of Party.

Name	#	D.M.	N	D.R.	Hei.	Description, and symbols, fin white paint
Cor	2015		155°48'			See sheet D - sharp corner of point at H.W.
Gof	15		48	2		A very sharp point at end flat shelf: cave on E. side.
Me	15		155 49			Paint, III
Wad	3	15		99	0	Sharp cliff point: paint, to identify only, on 2 fence post edge cliff 20m. W.
Mol	15		49	30-40		Paint, possibly a circle with P in centre.
Kep	2016		44	30		Paint, end ledge off A Kepuhi.
Ho	16		155 50	25		Paint.
Lid	16		50	90		"
Lim	16		50			" O O
Mud	16		155 51	15		" Δ Δ
Wat*	16	165 1230	51	1127 674	70-90	Water tank
Jef	16		51	60		Paint, ⊕
Sad	16		51			" □ out on point
Mill	16		155 52	15-20		" + +
Sol	16		52			" ◇
Pit	2015	1224 612	52	10		" ⊗
Del	15	1224 612	52	1540 301	50m	Small house, wall around, at round point.
Salt	15		155 53	10		Paint, ≡
Vim	15		53	10		" [E]
War	15		53	8		" [A]
Wind	15		53	460m		Windmill N side Honouliuli Ldg.
Red	2014		53	10		" white bldg. at derrick, red roof.
Teach*	14		53	135		School, Honouliuli, cupola, steeple, wall around, + trees.
Ex	14		53			Paint, XX of Honouliuli Ldg.
Hon	14		53	4		" ⊙ S. side Honouliuli Ldg. at point
Live	14		53	50m		Small house.
Fin	14		53			Paint, [M]
Raise	2013		155 54			Windmill S of Honouliuli Ldg. 14 mi.
Cross	13		54	25-30		Paint, [H]
En	13		54	10		" [H]
Roof	2012		54			Upper and larger of two small sheds.
Round	12		54	5		Paint, (H)
Try	12		54	10		" [A]
Hat	12		54			" [H]
Same	2011		54	20-30		" ⊙ white wash coin closet, (French 1910)
Derrick	11	1284 1037	54	285 1037	5-8	Derrick at Mahukona, formerly "Derrick" (French 1910) but shifted.
Note	2010		54	10		Paint, Δ
Em	10		54	10		" [M]
Five	2009		54	5		"
Cat	09		54			" inside old stone house
Sid	09		155 53	5-10		" ⊕
May	08		53	8		" corner stone house.
Loose	08		53			" on loose rock
Bold	08		53	15-20		" round boulder
Ten	07		53	10		" loose rock
Dome	07	1234 576	53	1276 25-33		" back end stone house, has dome like appearance. On point Puu Hehena.
Coin	07		53	30-35		" large rectangular cairn.
Pile	07		53	20		" pile of rocks, 2 spots.
Lave	2006		53	5		" out on lava point
Lie	06		53	20		" on highest pinnacle at Malaea Pt.
Fed	06		155 52	10		" ⊕
Don	05		52	10		" on cairn.
Bee	2005		52	5		" ⊗
High*	05		52	125		Large cairn 130m. NNE from deep cove, white beach: Cove is 300m S.E. from "Bee"
Fort	05		52	30-40		Paint.
Cliff	05		52	15-20		" edge low cliff
Line	2004		155 51	25		" III inside stone house.
N46	04		51			" on sharp nub of rock at highest point cliff edge.
Hill*	04		51	200		cairn on hill 300m in shore between "N46" & "Many"
Many	04		51	15		Paint, several crosses edge low cliff.
Edge	2003		51	35		" Δ just below edge cliff.
Six	03		155 50			" IIIII
Mash*	2013		155 53	350		M.E. cor. stone crusher, on out road 2 mi. NNE of Mahukona.
Not	2003		155 50	3		Paint, out on hooked lava point.
Cur	03	613 1200	50	1294 250	15	Conspicuous pinnacle, N. side Honouliuli Gulch.
Cave	03		50	25-30		A whitewashed cairn at cave S.
Circle	2002		50	15		Paint, (A)
Pu4*	2003		155 49	670		Top of Kamali hill, behind Kawaihine Lt.
Pu4	2004		49	2400 60m		Isolated sharp conical hill, red, 1300m from area w. w. and 2nd S76 E from Malaea. Mahukona. It is most Nly of a range trending NW. See photos submitted.

* suggestions for offshore hyd. signals.

DESCRIPTIVE REPORT.

To accompany topographic sheet "E", Union Mill to Kawaihae Lt., Hawaii.

Eoline R. Hand, Asst., Chief of Party

This sheet shows the last of the cane land and of the cliff line, both of which have been continuous since Sheet "A", Hilo, excepting, for the cane, the stretch between Waipio Valley and Pololu Gulch. Conditions become less and less favorable for cane growing toward the West until about a mile W. of H. oea Mill it ceases to grow altogether. This is because there is no rain and also because, being no rain, no soil has been formed to cover the rocks. As one proceeds S. the vegetation is seen to be more and more scant until in the vicinity of Kawaihae there is nothing, excepting the Algeroba trees which grow close to the water.

The West side is an apparently smooth slope to the mountain, but in places is made up of innumerable small knolls: it has a yellow appearance due to the decomposing lava rock, and there is practically nothing growing for over a mile inland and up.

The Hawaii Railway, previously described, continues along this sheet to its terminus at Mahukona: in consequence of this road the landing at Honoipu is being abandoned as all freight and sugar will be handled at Mahukona.

There is a new road out of Mahukona to the North and the old one farther inshore is no longer used.

Between Honoipu and Mahukona there only one or two occupied houses, and from Mahukona S. to Kawaihae there is a stretch of absolutely unoccupied land, the reason being no water and no soil: however at one time, probably one hundred years ago, this latter stretch along the coast was thickly inhabited for there are to-day hundreds of the native stone houses common to that period, and for the most part standing in as good shape as if but recently built: here and there are evidences of artistic tendencies in the way of fancy winding stone walks edged with bright colored bits of coral. It is claimed that many years ago this coast had a different climate.

Old charts show names along this coast above mentioned but I have talked with many natives and could verify none but Malaea Pt. They are familiar with the names I mention but are unable to assign them to any particular points or inlets, and as I say, there are now no villages. It would seem that these names are more connected with traditions than with present localities.

Also I tried to verify chart names Eastward from Upola Pt. as given on chart 4115, although those I interviewed were not familiar with these names I do not say they are not correct: what names as are locally known as far as I could learn, I have put on my sheet.

This chart shows roads from Mahukona to Puu Hue and Kawaihae to Puu Hue: these are but faint horse trails (see sheet).

The light at Kawaihae, F.R. is sixty ft. above H.W. and on top of trestle about 34 ft high: close to the shore a little less than a mile N.W. the algeroba trees have grown to such an extent as materially to injure the effectiveness of this light: when a vessel leaves Mahukona for Kawaihae she cannot because of this pick up the light till close at hand.

The light should be raised or the trees cut: the latter is suggested.

Eoline R. Hand

Asst., U.S.C. & G.S.

DESCRIPTIVE REPORT.

Duplicate

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* Copy of paragraph referred Eoline A. Land
to Commissioner of Light-house
Asst., U.S.C. & G.S.
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