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Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: _____

DESCRIPTIVE REPORT.

Map Sheet No. *3526*

LOCALITY:

191

CHIEF OF PARTY:

11-4045

3526

DESCRIPTIVE REPORT.

To accompany topog. sheet "A", sta. Puu o Kaiaka to sta. Puu Iloii, Molokai Id. T.H.
May, 1915.

Eoline R. Hand, Asst., Chief of Party.

This sheet embraces the S.W. corner of the island of Molokai, Hawaii. The land is of even, gentle slope, more steep on S. than on W. side, and the S. side is deeply eroded. This side shows a scant growth of grass, while that on W. side is more heavy. This end of the island is very dry.

The S. shore is nearly all sand beach: the W. shore is rock alternating with sand. At N. end of sheet is a remarkable beach about two miles long and three hundred feet wide. Several boat landings have been indicated along W. coast.

No offlying dangers were noticed except the well known reef which starts at station Fin. Its position could only be approximated: it is nearly always indicated by a line of breakers.

The S. shore is lined with a dense growth of algeroba: this tree has a tassel that is attractive to honey bees and as a result the making of honey is an important industry on this island. The road shown runs from Kaunakakai to an apiary which is between the windmill and house below sta. Wailei. A trail continues from here over the end of the island and along the coast.

This land is under lease to the Molokai Ranch (Chas. Cooke, Mgr.) and is used for cattle grazing: stock are watered from tanks conveniently placed, the water being supplied by long pipe lines. There are also a number of deer roaming over this area. The windmills, placed on the bluff to be above the trees, are rigged to pumps below, and keep tanks filled with brackish water for stock.

I have omitted many names that are on chart 4116. These names do not now apply to any definite place, village, etc. but for the most part have a legendary significance. Except for a stray fisherman or a water tender, this entire region is uninhabited.

The light is described on the sheet. Light List gives height as 151 ft. Not wishing to show a disagreement with values of another govt. bureau without good cause, I took especial pains in securing a height for this light. After seven tests, made with carefully adjusted instrument, and from different positions, both from the beach and from a station directly below the lamp, I made the height 142 ft.

Several useful beacons have been indicated, both cairns and cliff corners. The sta. Mihaapilani is especially prominent, being on a sharp cone which now has a whitewashed cairn, with all surrounding boulders whitewashed. Said to be very conspicuous from sea.

Eoline R. Hand

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

LIST of POSITIONS. T-3526

to accompany topog. sheet "A", sta. Puu o Kaiaka to sta. Puu Ioli, Molokai ID. T.H.
May 1915 Eoline R. Hand, Asst. Ch. of Party.

suggestions far offshore.

Name	Ø	D.M.	λ	D.P.	hei.	Description, and symbols.
Post	21°0'		157°15'			Paint on fence posts NE end great beach at sta. Puu o Kaiaka.
Pa	10		15			Larger & most Nly of two sand dunes, at great beach.
SqH	10		15		20-25	Paint on post in sand ridge that parallels " "
Sa	21°0'		157°16'			" " isolated cliff corner at " "
Ko *	09	323 1337	16	1°53 678	80	Prom. conical sand hill (Kee Hill) yellow.
No	09		157°17'		35	Point on group large rocks.
Do	21°0'		17		15-20	" " several small rocks.
For	08		17		45	" " cairn.
Tit.	08		17		10	" " rock S side bay and landing.
Pa	08		17		20	" " small cairn.
Asp	21°0'		17		10-15	" " rock.
On	07		157°18'		45	" " cairn on knoll.
Can	07		18			Highest part of sand ridge that parallels beach, 1 mile NE of Laau Pt.
Kit	21°06		18		20-25	Point on large rock at point.
Mo	06		18			" " "
Laau Pt. *	06	323 1322	18	210 422	142	White lattice tower on white tank. (orient sta. Kaupoua)
We	21°05		18		70	Point IIII on cliff point.
Pun	05		157°12'		50-60	" large rock.
Fin	05		157°14'		40	" on cliff corner between beaches 2 1/2 mi. E. of Laau Pt.
Hem	05		16		30-40	" " " many spots.
Us	05		157°15'		115	" " end long, narrow cliff spur.
Up *	05	305 1340	15	215 1517	130	The outermost, and central part of cliff edge at Haleoloma Pt.
Ad	05		157°14'		40	Point on cliff behind trees 1/2 mi. E. of Haleoloma Pt.
Ho	06		14			House on beach 1 mi. E of " "
Wind	05		14		80	Windmill on edge bluff 1 mi. E of " "
Tin	05		157°13'		70	W.W. on cubical rock behind trees 300 m. from shore.
On	05		157°12'		65	Point on rock behind trees.
At	05	1126 719	12	320 1352	40	W.W. on prom. flat top cliff point directly on beach. (Orient sta. Waieli).
Jap	05		157°11'		25-35	W.W. " rocky ledge.
Mill	05		11		100	Windmill edge bluff.
Lg	05		157°10'		80	Whitewash up above bluff 1/2 mi. E. of windmill, 1 mi. W. of great gulch.
Jim	05		157°09'		60	" up on edge bluff, above Ely of two old fish pond walls.
Jo *	21°06	372 1473	157°08'	246 986	220	" on great rock 1 mi. E of above mentioned fish wall & 1 1/2 mi. W. of sta. Puu Ioli.

SHEET 3526

RECOVERY NOTES - TOPOGRAPHIC STATIONS.

Post	Not found after search.
Dan	Small stake found at top of dune driven in almost flush with ground. Signal placed here consisting of tapering pole about 2" x 10" at one end and 2" x 3" at other. Iron strap forming ring at large end. This was put down in sand with piece of lumber thru strap to anchor base of signal.
Sam	Not recovered. Triang. Sta. Pap is near this location.
So	Recovered and cliff point whitewashed.
Ko	No mark found on top of the hill. Whitewash placed on face of cliff below this hill.
No	Recovered. Large cairn built here and whitewashed.
Do	Small cairn found and signal placed on it.
For	Recovered. Rebuilt and whitewashed.
Tit	" " " "
Pa	" " " "
On	" " " "
Can	Not Found after search. Large plank placed on end and whitewashed, in this vicinity.
Kit	Recovered and whitewashed.
Mo	" " "
We	" " "

P.L.B.

U.S. C. & G. S. S. PIONEER, O. W. Swainson, Chief of Party,

1930-1931

PUN	Recovered as described
FIN	do
HAM	do
US	do
UP	do
AD	do
HO	do
WIND	do
TIN	do
ON	do
AT	do
JAP	Not recovered.
LA	Recovered as described.
JIM	do
JO	Not visited. Seen from the sea as whitewash on rock.

P.L.B.

U. S. C. & G. S. S. PIONEER, O. W. Swainson, Chief of Party

1930-1931

LIST of POSITIONS T-3526

to accompany topog. sheet "A", sta. Puu o Kaiaha to sta. Puu Holi, Molokai Id. T.H.
May 1915

Eoline R. Hand, Asst. Ch. of Party.

Suggestions for notation.

Name	Q	H.M.	Δ	Alt	hel.	Description, and symbols.
Post	2106		157°15'			Paint on fence posts NE end great beach at sta. Puu o Kaiaha.
Post	10		15			Larger & most Nly of two sand dunes, at great beach.
Sc	10		15		20-25	Point on post in sand ridge that parallels " "
Sc	2106		157°16'			" " isolated cliff corner at " "
Ho *	05	1312 537	15	1053 678	80	Prom. conical sand hill (Keei Hill) yellow.
No	05		157°17'		55	Point on group large rocks.
Do	2106		17		15-20	" " several small rocks.
For	05		17		45	" " cairn.
Til	05		17		10	" " rock S side bay and landing.
Pa	08		17		20	" " small cairn.
Asp	2106		17		10-15	" " rock.
On	05		157°18'		45	" " cairn on knoll.
Can	01		18			Highest part of sand ridge that parallels beach, 1 mile NE of Laau Pt.
Kit	2106		18		20-25	Point on large rock at point.
Alc	05		18			" " "
Lighthouse	05	325 1522	18	210 922	142	White lattice tower on white tank (orient sta. Houpou)
Wre	2105		18		70	Point IIII on cliff point.
Pun	05		157°17'		50-60	" large rock.
Fin	05		157°16'		40	" on cliff corner between beaches 2 1/2 mi. E. of Laau Pt.
Hamm	05		16		30-40	" " " many spots.
Us	05		157°15'		115	" " end long, narrow cliff spur.
Up *	05	1065 1840	15	210 1517	130	The outermost, and central part of cliff edge at Haleakala Pt.
Ad	05		157°14'		40	Point on cliff behind trees 1/2 mi. E. of Haleakala Pt.
He	05		14			House on beach 1 mi. E of " "
Windm	05		14		80	Windmill on edge bluff 1 mi. E of " "
Til	05		157°13'		70	Wm. on cubical rock behind trees 300 m. from shore.
On	05		157°12'		65	Point on rock behind trees.
At	05	1126 1119	12	380 1352	40	W. H. on prom. flat top cliff point directly on beach (orient sta. Waiali)
Jap	05		157°11'		25-35	W. H. " rocky ledge.
Mill	05		11		100	Windmill edge bluff.
Lg	05		157°10'		80	Whitewash up above bluff 1/2 mi. E. of windmill, 1 mi. W. of great gulch.
Sim	05		157°09'		60	" up on edge bluff, above Lly of two old fish pond walls.
Je *	2106	322 1473	157°02'	746 986	220	" on great rock 1 mi. E of above mentioned fish wall & 1 1/2 mi. W. of sta. Puu Holi.

Applied to compilation new chart 4120 - Feby 26, 1941 - JAW