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Form 9-1503
(Feb. 1962)

Revillagigedo Island - Tongass Natl Forest 19060000

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 94 13 CE

WATERPOWER OF THE UNITED STATES

State Alaska Stream _____ Mirror Lake _____ Site _____ Mirror Lake _____

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____		Sec. _____		Constructed _____			
Lat. <u>55° 29.3' N</u>		Long. <u>131° 08' W</u>		Storage <u>30,000</u> af <u>37,004,700</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>22.8</u> sq. mi. <u>59.05</u> sq. km				Installable capacity _____ mw			

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	52	1.5	397	121	307	93.6	90	27.4	0.40	
50	273	7.7							2.09	
mean	303	8.6							2.32	16,240

Remarks: **Revillagigedo Island - Ketchikan B-4**

See FPP's No. 50, 140, 547, 758 & 769

See "Water power of SE Alaska" USFS report to FIC, Dept., 1929, pp 43-47

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 4694
13CE

WATERPOWER OF THE UNITED STATES

State Alaska Stream Mirror Lake Site Mirror Lake

County First Judicial Division Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed 39,004,700
 Lat. 55 ° 29.3 ' N " Long. 131 ° 08 ' W " Storage 30,000 af 7,004,700 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 22.8 sq. mi. 59.05 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	52	1.5	397	121	307	93.6	90	27.4	.398 .40	
50	273	7.7							2088 2.10	2.09
mean	303	8.6							2318 2.32	16,240

Remarks:

Prepared by _____ Date _____

Hetchison B-4