

ANGLES

I 83°31'41.5
J 83°31'41.5
E 49°20'45.0
179°59'51.7
J 83°53'54.8
E 81°11'22.9
K 34°54'37.5
179°59'55.0
E 83°55'33.2
K 36°53'10.6
G 59°11'21.2
180°00'05.0
J 56°06'41.3
K 71°47'48.1
G 52°05'31.5
180°00'00.9
G 87°45'02.0
V 43°22'28.9
P 48°52'34.5
180°00'03.2

ANGLES

B 52°02'48.3
S 71°24'05.0
K 56°33'06.7
180°00'00.0
B 33°21'31.0
W 76°32'42.0
S 70°05'47.0
180°00'00.0
K 61°34'21.0
E 76°11'22.0
S 43°14'17.0
180°00'00.0
K 54°19'18.4
W 43°11'19.6
S 82°29'22.0
180°00'00.0
C 49°48'39.0
H 47°07'41.0
N 83°04'10.0
180°00'30.0
H 50°57'20.0
M 32°47'01.0
N 73°18'40.0
W 47°32'16.0
180°00'21.0
N 62°04'01.0
M 47°34'39.0
T 100°21'17.0
180°00'57.0

Ref Coast
Lat 41°06'12.6
Lon 174°27'22.3
The Brothers

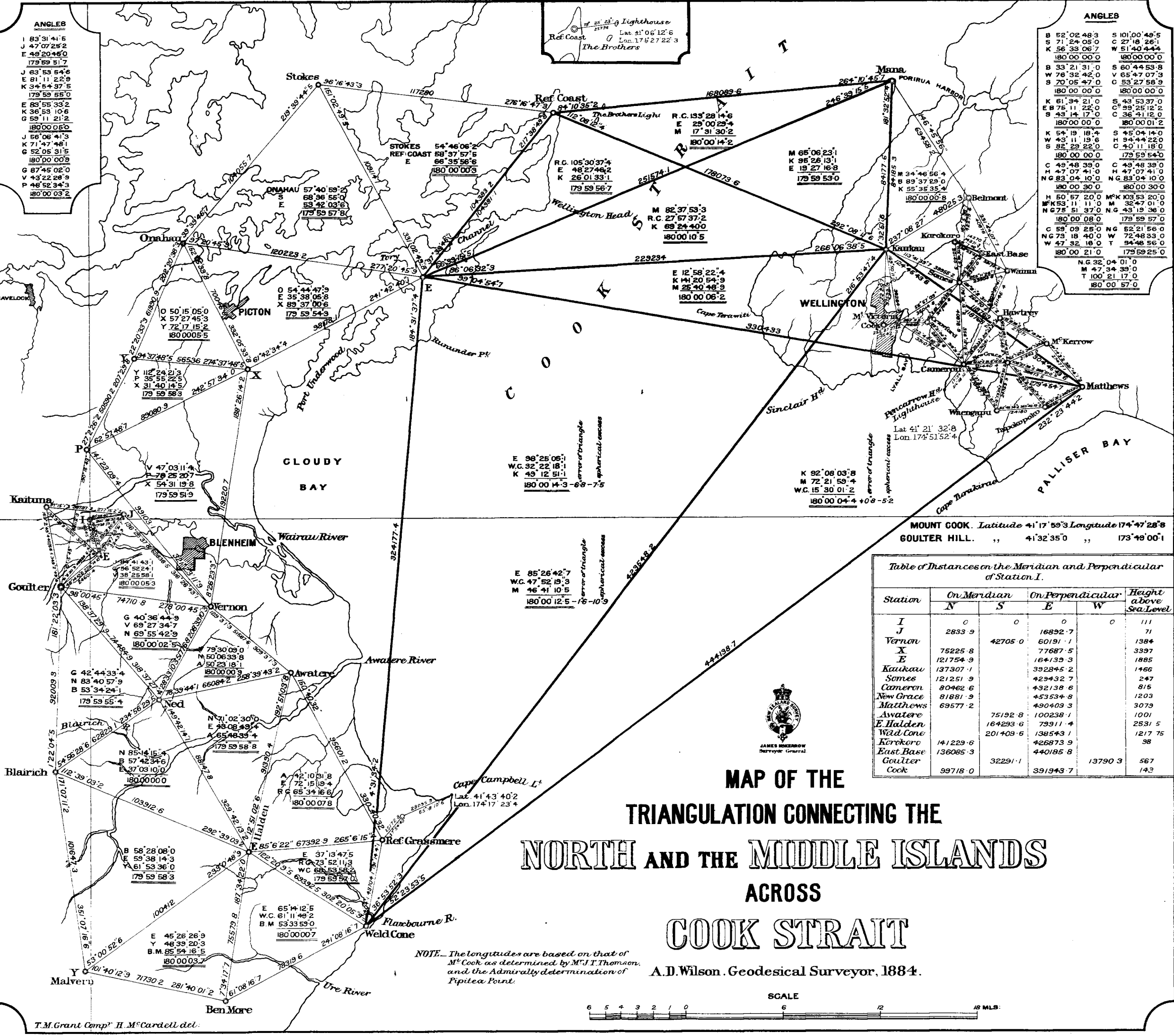


Table of Distances on the Meridian and Perpendicular of Station I.

Station	On Meridian		On Perpendicular		Height above Sea Level
	N	S	E	W	
I	0	0	0	0	111
J	2833.9		16892.7		71
Vernon		42705.0	60191.1		1384
X	75225.8		77687.5		3397
E	121754.9		164139.3		1885
Kaukau	137307.1		332845.2		1466
Somes	121251.9		429432.7		247
Cameron	80462.6		432138.6		815
New Grace	81881.9		453534.8		1203
Matthews	69577.2		490403.3		3073
Awatere		75192.8	100238.1		1001
E. Halden		164293.6	79911.4		2531.5
Weld Cone		201409.6	138543.1		1217.75
Korokoro	141229.6		426873.9		38
East Base	136085.3		440185.8		
Goulter		32291.1		13790.3	567
Cook	99718.0		391943.7		143

MAP OF THE TRIANGULATION CONNECTING THE NORTH AND THE MIDDLE ISLANDS ACROSS COOK STRAIT

A.D. Wilson. Geodesical Surveyor, 1884.

NOTE—The longitudes are based on that of M^o Cook as determined by M^o J. T. Thomson, and the Admiralty determination of Pipitea Point.

