

MANUKAU TO SYDNEY.

19° 11' 38" Sine...	...	0.4831132	...	...	0.4831132
23° 18' Sine...	...	9.5971965	...	...	9.5971965
52° 57' Sine...	...	9.9020628	56° 8'	...	9.9192542
73° 47' ...	...	9.9823725	87° 25'	...	9.9995639

MANUKAU TO WILSON'S PROMONTORY.

22° 25' 16" Sine...	...	0.4186068	...	...	0.4186068
28° 9' Sine...	...	9.6737409	...	...	9.6737409
52° 57' Sine...	...	9.9020628	50° 52'	...	9.8896822
80° 50' ...	...	9.9944105	73° 38'	...	9.9820299

CAPE REINGA TO WILSON'S PROMONTORY.

21° 30' Sine	...	0.4359246	...	...	0.4359246
26° 18' Sine	...	9.6464735	...	...	9.6464735
55° 34' Sine	...	9.9163406	50° 52'	...	9.8896822
85° 38' ...	...	9.9987387	69° 29'	...	9.9720803

CAPE FAREWELL TO WILSON'S PROMONTORY.

20° 11' Sine	...	0.4621492	...	...	0.4621492
26° 19' Sine	...	9.6467290	...	...	9.6467290
49° 30' Sine	...	9.8810455	50° 62'	...	9.8896822
77° 42' ...	...	9.9899237	85° 20'	...	9.9985604

ON GREAT CIRCLE FOR COURSE.—SAN FRANCISCO TO HONOLULU.

34° 43' Sine	...	0.0851396	...	...	0.0851396
35° 30' Sine	...	9.9106860	...	...	9.9106860
52° 12' Sine	...	9.8977123	...	...	9.9692720
N. 51° 30' E.	...	9.8935379	67° 20'	...	9.9650976

HONOLULU TO AUCKLAND.

63° 34' 16" Sine...	...	0.0479405	...	...	0.0479405
27° 16' Sine...	...	9.6699911	...	...	9.6609911
111° 18' Sine...	...	9.9692720	53° 10'	...	9.9032977
28° 28' ...	...	9.6782036	24° 10'	...	9.6122293

Lat. 21° 18' = 9.5602	Lat. 36° 50' = 9.7777
Lat. 24° 10' = 9.6519	Lat. 28° 28' = 9.7341
9° 15' = 9.2121	18° 0' = 9.5118
157° 55' W.	174° 49' E. 360

167° 10' W. 167° 11' W.

Longitudes of point where the Great Circle cuts the Equator.

28° 28' Sine = 9.6782036
53° 10' Sine = 9.9032977

22° 25' Sin. = 9.5815013
Course from Equator to either place.

HONOLULU TO LEVUKA.

45° 8' 38" Sin. ...	...	0.1494271	...	...	0.1494271
23° 16' Sin. ...	...	9.5966093	...	...	9.5966093
111° 18' Sin. ...	...	9.9692720	72° 19'	...	9.9789789
S. 31° 16' 35" W. ...	...	9.7153064	N. 32° 4' E.	...	9.7250153