FURTHER PAPERS RELATIVE TO THE

OCEANIC	DISTANCES	on Gi	REAT CIRC	CLES.			
Sydney to Three Kings						$1039\frac{3}{4}$	Miles
Sydney to Wellington						1200	"
Sydney to Manukau					***	1151ե	"
Wilson's Promontory to Cape Farewell	l					1211	"
Wilson's Promontory to Cape Reinga						1290	"
Wilson's Promontory to Manukau						1345	,,
Cape Palliser to Honolulu			•••		• • •	$4049\frac{1}{4}$,,
Auckland to Honolulu			• • •	•••		$3814\frac{1}{4}$	"
Honolulu to San Francisco		•				2083	,,
Levuka, Fijis, to Auckland						1167	"
Levuka, Fijis, to East Cape						1197	"
Levuka, Fijis, to Honolulu		•	• • •		• • •	2708	,,
	LOCAL DI	(STANC)	ES.				
Cape Palliser to Wellington			•••	• • •	•••	31	,,
Wellington to Cape Farewell		•••	. •••		•••	130	2.9
Wilson's Promontory to Melbourne	•••	• • • •				130	"
Auckland to Three Kings	• • •	•••	•••	•••	• • •	237	,,
Auckland to Manukau Heads	•••	•••	•••	• • • •	•••	25	"
Auckland to Cape Reinga	•••		•••	• • •	•••	210	47
Auckland to Wellington via Manukau		•••	• • •	•••	• • •	314	"
Auckland to Wellington via Nelson and	i Manukau	• • •	• • •	• • •	•••	404	"
East Cape to Cape Palliser	•••	•••	•••	•••	• • • •	286	**
	-				*	•	
	Summ	ARY.					
						•	Miles.
Sydney to San Francisco via Three Kin			$7,\!174$				
Sydney to San Francisco via Manukau, Auckland, and Honolulu							$7,073\frac{3}{4}$
Sydney to San Francisco via Wellingto	•••	7,363					
Melbourne to San Francisco via Cape I			nd Honol	ulu	•••	***	$7,\!527$
Melbourne to San Francisco via Auckla			•••			• • •	$7,397\frac{1}{4}$
Melbourne to San Francisco via Wellin	gton and Ho	nolulu				•••	7,634
Sydney to Auckland via Manukau	•••	•••	• • •	• •••	•••	•••	$1,176\frac{1}{2}$
Sydney to Auckland via North Cape	•••	•••	•••	• • •	•••	•••	$1,276\frac{3}{4}$
Sydney to Wellington direct	• • • •	•••	. ***	•••	•••	• • • •	1,200
Melbourne to Auckland via Manukau	·:·	• • • •	• • •	•••	•••	•••	1,500
Melbourne to Auckland via North Cape		•••		,	•••		1,630
San Francisco to Auckland via Honolul		•••	•••	. •••	•••	• • •	$5,897\frac{1}{4}$
San Francisco to Wellington via Honol		• • •	•••	•••	***	;••	$6,163\frac{1}{4}$
San Francisco to Auckland via Honolul	u and Filis	•••	•••	•••	•••	•••	5,958
San Francisco to Wellington via Honol	ara ana rijis		•••	•••	• • •	•••	6,305
Melbourne to Wellington	•••	•••	* * .*	• • •	•••	•••	$1,\!471$
	Deduc:	rions.					

SAN FRANCISCO TO AUSTRALIA.			
	Miles.	Increase.	Decrease.
San Francisco to Sydney via Honolulu, Auckland, and Three Kings San Francisco to Sydney via Honolulu, Auckland, and Manukau San Francisco to Sydney via Honolulu and Wellington San Francisco to Melbourne via Honolulu, Auckland, and Cape Reinga San Francisco to Melbourne via Honolulu, Auckland, and Manukau San Francisco to Melbourne via Wellington	7174 $7073\frac{1}{2}$ $7363\frac{1}{4}$ 7527 7397 7634	 189½ 353 223 460	100½
SAN FRANCISCO TO NEW ZEALAND.	<u> </u>	<u> </u>	
San Francisco to Auckland via Honolulu San Francisco to Wellington via Honolulu San Francisco to Wellington via Honolulu, Auckland, Manukau, and Nelson San Francisco to Auckland via Honolulu and Levuka (Fiji) San Francisco to Wellington via Honolulu and Levuka (Fiji)	5897\frac{1}{4} 6163\frac{1}{4} 6301 5958 *6305	266 403 61 408	

^{*} This distance is by the East Cape; it would be shortened thirty-three miles by sending the mails through by Auckland and the Manukau, but no time would be saved, on account of the delay in trans-shipment.