

Supplementary Materials

		draught	ship*	consignment weight (tonne)	sea freight (USD/tonne)	sea freight (USD/voyage)	transshipment costs (USD/tonne)	transshipment costs (USD/consignment)	hinterland transport costs (USD/tonne)	hinterland transport costs (USD/consignment)	TOTAL COSTS (USD/consignment)	TOTAL COSTS (USD/tonne)
Route I	W0	8.5 m	HS	18,000	28.8	518,400	5.4	97,361	16.4	294,459	910,221	50.6
	W1	11 m	HM	38,000	20.5	779,000	5.4	205,541	16.4	621,636	1,606,177	42.3
Route II	W0	8.5 m	HS	18,000	36.2	651,600	5.3	94,987	14.8	265,963	1,012,550	56.3
	W1	11 m	HM	38,000	22.2	843,600	5.3	200,528	14.8	561,478	1,605,605	42.3
Route III	W0	8.5 m	HS	12,870	23.6	303,732	6.3	81,499	11.9	152,810	538,041	41.8
	W1	11 m	HM	28,500	15.6	444,600	6.3	180,475	11.9	338,391	963,465	33.8
	W2	11 m	PM	53,000	16.6	879,800	6.3	335,620	11.9	629,288	1,844,708	34.8
Route IV	W0	8.5 m	HS	11,600	20.9	242,440	4.2	48,971	20.5	237,828	529,239	45.6
	W1	11 m	HM	25,900	16.0	414,400	4.2	109,340	17.0	439,352	963,092	37.2
	W2	11 m	PM	48,900	12.7	621,030	4.2	206,438	16.8	823,878	1,651,346	33.8
Route V	W0	8.5 m	HS	16,000	13.8	220,800	6.3	101,319	11.5	183,641	505,760	31.6
	W1	11 m	HM	36,600	10.2	373,320	6.3	231,768	11.5	420,079	1,025,167	28.0