



81	The total departure time in berth stage= 357.0						
82	The total departure time in quay crane scheduling stage = 278.0						
83	The total wasted crane work hour according QC0= 2.802248486595561						
84	The last depature time in quay crane scheduling stage = 62.0						
85							
86	The specific solution are as follows:						
87	Vessel i: 0:	li: 6,	pi: 22-28,	ai-di: 58-81,	taoi-deltai: 58-79,	periodi: 21,	taoPi_SP-
	deltaPi_SP: 58-62,		periodPi: 4,	c_i: 5386717,	dowork: 5668346,		fa_i: 4
88	Vessel i: 1:	li: 4,	pi: 14-18,	ai-di: 41-64,	taoi-deltai: 41-62,	periodi: 21,	taoPi_SP-
	deltaPi_SP: 41-45,		periodPi: 4,	c_i: 5418241,	dowork: 5536524,		fa_i: 4
89	Vessel i: 2:	li: 4,	pi: 18-22,	ai-di: 55-67,	taoi-deltai: 55-65,	periodi: 10,	taoPi_SP-
	deltaPi_SP: 55-58,		periodPi: 3,	c_i: 2627146,	dowork: 2768262,		fa_i: 2
90	Vessel i: 3:	li: 6,	pi: 8-14,	ai-di: 52-72,	taoi-deltai: 52-70,	periodi: 18,	taoPi_SP-deltaPi_SP
	: 52-56,		periodPi: 4,	c_i: 4502100,	dowork: 4613770,		fa_i: 3
91	Vessel i: 4:	li: 7,	pi: 22-29,	ai-di: 40-60,	taoi-deltai: 40-54,	periodi: 14,	taoPi_SP-
	deltaPi_SP: 40-42,		periodPi: 2,	c_i: 3668136,	dowork: 3691016,		fa_i: 6
92	Vessel i: 5:	li: 6,	pi: 8-14,	ai-di: 13-29,	taoi-deltai: 13-27,	periodi: 14,	taoPi_SP-deltaPi_SP
	: 13-15,		periodPi: 2,	c_i: 3627798,	dowork: 3691016,		fa_i: 5
93	TimeSolveModel: 39.000000						
94							
95	TimeAll: 42.000000						
96							
97							