

**APPENDIX G: Fleet Statistics for 15 Firms that Continuously Provided Service Over
20-year Study Period (1977, 1980, 1987, 1990, 1997)
(Vessel capacity measured in TEUs (Twenty-foot Equivalent Units))**

1977

	# of Vessels	Total Capacity	% of Total Capacity	Cumulative % of Total Capacity	Weighted Ave. Vessel Size (TEUs)	Trade Routes	Company Size (% of industry capacity)	% of industry Capacity	# of Companies
1 Atlantic Cargo Services AB	7	980	0.20%		140	1	Very Small under .5	0.69%	2
2 Canadian Pacific Ships (CP SI	3	2,337	0.48%	0.69%	779	1	Small .5 to 1	0.00%	0
3 Malaysian International Shippi	2	4,900	1.02%		2,450	1	Medium 1 to 2.5	6.31%	4
4 Evergreen Marine Corp. (Taiw	9	6,876	1.43%	2.44%	812	2	Large 2.5 to 5	25.06%	7
5 Kawasaki Kisen Kaish Ltd.	6	8,107	1.68%	4.12%	1,529	3	Very Large over 5	13.93%	2
6 Atlantic Container Line	13	10,554	2.19%	6.31%	887	2		45.99%	15
7 Nedlloyd Lines	6	12,789	2.65%		2,531	6			
8 Zim Israel Navigation Co. Ltd.	16	15,116	3.14%	5.79%	1,328	7			
9 American President Lines, Ltd	17	16,719	3.47%	9.26%	1,063	3			
10 Orient Overseas Container Lin	17	17,118	3.55%	12.81%	1,437	5			
11 Mitsui-OSK Lines Ltd.	13	18,002	3.73%	16.54%	1,528	5			
12 Maersk Line	24	19,525	4.05%	20.59%	1,005	4			
13 Nippon Yusen Kaisha	15	21,536	4.47%	25.06%	1,613	3			
14 Hapag-Lloyd Containerlinie Gr	18	25,247	5.24%		2,002	6			
15 Sea-Land Service, Inc.	43	41,915	8.70%	13.93%	1,282	10			
Total	209	482,051	46.00%			59			
Average Fleet Size (# Ships)	14								

Note: Total Capacity (482,051) is that of all 48 firms operating during 1977.

1980

	# of Vessels	Total Capacity	% of Total Capacity	Cumulative % of Total Capacity	Weighted Ave. Vessel Size (TEUs)	Trade Routes	Company Size (% of industry capacity)	% of industry Capacity	# of Companies
1 Canadian Pacific Ships (CP S)	4	2,957	0.37%		746	2	Very Small under .5	0.86%	2
2 Atlantic Cargo Services AB	4	3,836	0.48%	0.86%	971	1	Small .5 to 1	0.91%	1
3 Malaysian International Shippi	6	7,192	0.91%		2,247	1	Medium 1 to 2.5	2.97%	2
4 Atlantic Container Line	14	10,926	1.38%		847	2	Large 2.5 to 5	24.04%	7
5 Kawasaki Kisen Kaish Ltd.	10	12,626	1.59%	2.97%	1,520	6	Very Large over 5	19.05%	3
6 Orient Overseas Container Lin	22	22,679	2.86%		1,351	8		47.83%	15
7 Evergreen Marine Corp. (Taiw	26	23,915	3.01%	5.87%	1,233	4			
8 Zim Israel Navigation Co. Ltd.	26	25,326	3.19%	9.07%	1,458	11			
9 Nippon Yusen Kaisha	20	27,612	3.48%	12.55%	1,589	7			
10 Mitsui-OSK Lines Ltd.	23	29,465	3.71%	16.26%	1,520	5			
11 Nedlloyd Lines	26	30,693	3.87%	20.13%	1,787	7			
12 American President Lines, Ltd	25	31,024	3.91%	24.04%	1,643	5			
13 Hapag-Lloyd Containerlinie Gr	31	45,208	5.70%		1,835	7			
14 Maersk Line	41	45,749	5.77%	11.46%	1,437	9			
15 Sea-Land Service, Inc.	46	60,155	7.58%	19.05%	1,510	21			
Total	324	793,378	47.82%			96			

Average Fleet Size (# Ships) 21.6

Note: Total Capacity (793,378) is that of all 60 firms operating in 1980.

1987

	# of Vessels	Total Capacity	% of Total Capacity	Cumulative % of Total Capacity	Weighted Ave. Vessel Size (TEUs)	Trade Routes	Company Size (% of industry capacity)	% of industry Capacity	# of Companies
1 Atlantic Cargo Services AB	4	4,916	0.30%		1,233	2	Very Small under .5	0.30%	1
2 Canadian Pacific Ships (CP SI	7	8,313	0.52%		1,439	2	Small .5 to 1	2.07%	3
3 Malaysian International Shippi	11	10,502	0.65%	1.17%	1,768	2	Medium 1 to 2.5	0.00%	0
4 Atlantic Container Line	5	14,555	0.90%	2.07%	2,911	2	Large 2.5 to 5	26.96%	8
5 Orient Overseas Container Lin	26	45,952	2.85%		2,260	8	Very Large over 5	19.31%	3
6 Hapag-Lloyd Containerlinie Gr	25	47,535	2.95%	5.80%	2,337	13		48.64%	15
7 Kawasaki Kisen Kaish Ltd.	31	49,170	3.05%	8.85%	2,190	8			
8 Nedlloyd Lines	49	49,521	3.07%	11.92%	1,588	20			
9 Mitsui-OSK Lines Ltd.	39	56,701	3.52%	15.44%	2,021	10			
10 Zim Israel Navigation Co. Ltd.	53	59,150	3.67%	19.11%	1,753	14			
11 American President Lines, Ltd	28	62,120	3.85%	22.96%	2,800	7			
12 Nippon Yusen Kaisha	42	64,551	4.00%	26.96%	2,074	10			
13 Sea-Land Service, Inc.	63	86,488	5.36%		1,770	23			
14 Maersk Line	51	93,769	5.82%	11.18%	2,337	10			
15 Evergreen Marine Corp. (Taiw	67	131,010	8.13%	19.31%	2,491	10			
Total	501	1,612,230	48.64%			141			

Average Fleet Size (# Ships) 33

Note: Total Capacity (1,612,230) is that of all 45 firms operating in 1987.

1990

	# of Vessels	Total Capacity	% of Total Capacity	Cumulative % of Total Capacity	Weighted Ave. Vessel Size (TEUs)	Trade Routes	Company Size (% of industry capacity)	% of industry Capacity	# of Companies
1 Atlantic Cargo Services AB	4	5,608	0.29%		1,403	3	Very Small under .5	0.29%	1
2 Canadian Pacific Ships (CP SI	10	11,814	0.60%		1,374	3	Small .5 to 1	1.50%	2
3 Atlantic Container Line	7	17,655	0.90%	1.50%	2,672	2	Medium 1 to 2.5	1.01%	1
4 Malaysian International Shippi	16	19,778	1.01%		2,224	8	Large 2.5 to 5	29.96%	8
5 Hapag-Lloyd Containerlinie Gr	25	53,333	2.71%		2,598	16	Very Large over 5	18.08%	3
6 Orient Overseas Container Lin	29	61,194	3.11%	5.83%	2,532	12		50.84%	15
7 Kawasaki Kisen Kaish Ltd.	40	64,889	3.30%	9.13%	2,286	16			
8 American President Lines, Ltd	32	64,910	3.30%	12.43%	2,924	14			
9 Zim Israel Navigation Co. Ltd.	59	70,252	3.57%	16.00%	1,908	28			
10 Mitsui-OSK Lines Ltd.	61	88,425	4.50%	20.50%	2,135	21			
11 Nippon Yusen Kaisha	50	88,582	4.51%	25.01%	2,277	19			
12 Nedlloyd Lines	62	97,269	4.95%	29.96%	2,313	31			
13 Sea-Land Service, Inc.	64	115,404	5.87%		2,429	29			
14 Evergreen Marine Corp. (Taiw	51	117,010	5.95%	11.82%	2,674	11			
15 Maersk Line	64	122,981	6.26%	18.08%	2,822	34			
Total	574	1,965,515	50.83%			247			

Average Fleet Size (# Ships) 38

Note: Total Capacity (1,965,515) is that of all 57 firms operating in 1990.

1997

	# of Vessels	Total Capacity	% of Total Capacity	Cumulative % of Total Capacity	Weighted Ave. Vessel Size (TEUs)	Trade Routes	Company Size (% of industry capacity)	% of industry Capacity	# of Companies
1 Atlantic Cargo Services AB	7	10,218	0.31%		1,465	2	Very Small under .5	0.79%	2
2 Atlantic Container Line	5	15,500	0.47%	0.79%	3,100	2	Small .5 to 1	0.00%	0
3 Malaysian International Shippi	34	42,620	1.30%		2,174	13	Medium 1 to 2.5	1.30%	1
4 Kawasaki Kisen Kaish Ltd.	47	85,695	2.62%		2,488	28	Large 2.5 to 5	27.05%	8
5 Hapag-Lloyd Containerlinie Gr	27	89,110	2.72%	5.34%	3,625	26	Very Large over 5	27.07%	4
6 Canadian Pacific Ships (CP SI	49	93,067	2.84%	8.18%	2,228	50		56.21%	15
7 Orient Overseas Container Lin	37	96,250	2.94%	11.12%	3,519	23			
8 Zim Israel Navigation Co. Ltd.	59	98,407	3.01%	14.13%	2,414	42			
9 Mitsui-OSK Lines Ltd.	69	124,940	3.82%	17.94%	2,749	35			
10 American President Lines, Ltd	54	141,695	4.33%	22.27%	3,786	28			
11 Nippon Yusen Kaisha	74	156,612	4.78%	27.05%	3,163	44			
12 Evergreen Marine Corp. (Taiw	69	195,408	5.97%		3,446	27			
13 Sea-Land Service, Inc.	90	207,553	6.34%	12.31%	3,035	55			
14 P&O Nedlloyd Container Line	104	221,166	6.75%	19.06%	2,746	68			
15 Maersk Line	121	262,071	8.00%	27.07%	3,299	57			
Total	846	3,274,239	56.21%			500			
Average Fleet Size (# Ships)	56								

Note: Total Capacity (3,274,239) is that of all 40 firms operating in 1997.