

PORT OF LOS ANGELES INVENTORY OF AIR EMISSIONS - 2006



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Prepared by:
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**THE PORT OF LOS ANGELES INVENTORY OF AIR EMISSIONS
FOR CALENDAR YEAR 2006**



Prepared for:

THE PORT OF LOS ANGELES

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This document (Volume 2) consists of the appendices for the Port of Los Angeles Inventory of Air Emissions – 2006 Technical Report. The following appendices are provided:

- Appendix A ocean-going vessel data
- Appendix B harbor craft data and emission factors
- Appendix C cargo handling equipment data and emission factors
- Appendix D comparison excerpt from 2005 report

APPENDIX A Ocean-Going Vessels

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
5	Tanker	1995	USA	4,100	30				TEU	Aux	3,049	USNS	N
5	Tanker	1995	USA	4,100	30				TEU	Auxiliary Boiler	3,000	USNS	N
5	Tanker	1995	USA	4,100	30				TEU	Main	6,242	USNS	N
5137767	Tanker	1995	USA	39,999	15.5	1		0	TEU	Aux	3,049	Tesoro Maritime	N
5137767	Tanker	1995	USA	39,999	15.5	1		0	TEU	Auxiliary Boiler	3,000	Tesoro Maritime	N
5137767	Tanker	1995	USA	39,999	15.5	1		0	TEU	Main	11,033	Tesoro Maritime	N
5137779	Tanker	1995	USA	39,384	15.5	1		0	TEU	Aux	3,049	Shell Trading (US) Co.	N
5137779	Tanker	1995	USA	39,384	15.5	1		0	TEU	Auxiliary Boiler	3,000	Shell Trading (US) Co.	N
5137779	Tanker	1995	USA	39,384	15.5	1		0	TEU	Main	11,033	Shell Trading (US) Co.	N
5137901	Tanker	1995	USA	39,483	15.5	1		0	TEU	Aux	3,049	Shell Trading (US) Co.	N
5137901	Tanker	1995	USA	39,483	15.5	1		0	TEU	Auxiliary Boiler	3,000	Shell Trading (US) Co.	N
5137901	Tanker	1995	USA	39,483	15.5	1		0	TEU	Main	11,033	Shell Trading (US) Co.	N
6725418	Cruise	1997	GBR	15,521	28.5	9	2	0	TEU	Aux	19,124	Cunard	N
6725418	Cruise	1997	GBR	15,521	28.5	9	2	0	TEU	Auxiliary Boiler	1,000	Cunard	N
6725418	Cruise	1997	GBR	15,521	28.5	9	2	0	TEU	Main	76,495	Cunard	N
7116315	Containership	1996	USA	28,200	21	1		2325	TEU	Aux	4,870	Horizon Lines	N
7116315	Containership	1996	USA	28,200	21	1		2325	TEU	Auxiliary Boiler	500	Horizon Lines	N
7116315	Containership	1996	USA	28,200	21	1		2325	TEU	Main	20,963	Horizon Lines	N
7214715	Cruise	1997	GBR	5,954	21	2		0	TEU	Aux	3,529	Saga Shipping	N
7214715	Cruise	1997	GBR	5,954	21	2		0	TEU	Auxiliary Boiler	1,000	Saga Shipping	N
7214715	Cruise	1997	GBR	5,954	21	2		0	TEU	Main	14,117	Saga Shipping	N
7218462	Containership	1996	USA	22,086	22.5	1		1446	TEU	Aux	2,753	Horizon Lines	N
7218462	Containership	1996	USA	22,086	22.5	1		1446	TEU	Auxiliary Boiler	500	Horizon Lines	N
7218462	Containership	1996	USA	22,086	22.5	1		1446	TEU	Main	20,963	Horizon Lines	N
7224306	Containership	1996	USA	25,651	22	1		1664	TEU	Aux	2,753	Horizon Lines	N
7224306	Containership	1996	USA	25,651	22	1		1664	TEU	Auxiliary Boiler	500	Horizon Lines	N
7224306	Containership	1996	USA	25,651	22	1		1664	TEU	Main	23,538	Horizon Lines	N
7326233	Containership	1996	USA	31,657	21	1		2325	TEU	Aux	4,870	Horizon Lines	N
7326233	Containership	1996	USA	31,657	21	1		2325	TEU	Auxiliary Boiler	500	Horizon Lines	N
7326233	Containership	1996	USA	31,657	21	1		2325	TEU	Main	20,963	Horizon Lines	N
7380796	MISC	1981	VCT	53,341	15.8	1		0	TEU	Aux	1,505	Zhen Hua Shpg.	N
7380796	MISC	1981	VCT	53,341	15.8	1		0	TEU	Auxiliary Boiler	371	Zhen Hua Shpg.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
7380796	MISC	1981	VCT	53,341	15.8	1		0	TEU	Main	11,032	Zhen Hua Shpg.	N
7391226	Tanker	1995	USA	39,796	14.5	1		0	TEU	Aux	3,049	Chevron Transport	N
7391226	Tanker	1995	USA	39,796	14.5	1		0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
7391226	Tanker	1995	USA	39,796	14.5	1		0	TEU	Main	9,195	Chevron Transport	N
7391238	Tanker	1995	USA	39,842	14.5	1		0	TEU	Aux	3,049	ChevronTexaco USA	N
7391238	Tanker	1995	USA	39,842	14.5	1		0	TEU	Auxiliary Boiler	3,000	ChevronTexaco USA	N
7391238	Tanker	1995	USA	39,842	14.5	1		0	TEU	Main	9,195	ChevronTexaco USA	N
7391240	Tanker	1995	USA	39,959	14.5	1		0	TEU	Aux	3,049	Maratrans	N
7391240	Tanker	1995	USA	39,959	14.5	1		0	TEU	Auxiliary Boiler	3,000	Maratrans	N
7391240	Tanker	1995	USA	39,959	14.5	1		0	TEU	Main	9,195	Maratrans	N
7412757	Tanker	1995	USA	46,312	15	1		0	TEU	Aux	3,049	BP Shipping USA	N
7412757	Tanker	1995	USA	46,312	15	1		0	TEU	Auxiliary Boiler	3,000	BP Shipping USA	N
7412757	Tanker	1995	USA	46,312	15	1		0	TEU	Main	7,649	BP Shipping USA	N
7506572	MISC	1981	VCT	72,399	15	1		0	TEU	Aux	1,505	Shanghai Zhen Hua	N
7506572	MISC	1981	VCT	72,399	15	1		0	TEU	Auxiliary Boiler	371	Shanghai Zhen Hua	N
7506572	MISC	1981	VCT	72,399	15	1		0	TEU	Main	12,798	Shanghai Zhen Hua	N
7507265	General Cargo	1993	NOR	43,082	15	1		1272	TEU	Aux	2,110	Star Shipping	N
7507265	General Cargo	1993	NOR	43,082	15	1		1272	TEU	Auxiliary Boiler	371	Star Shipping	N
7507265	General Cargo	1993	NOR	43,082	15	1		1272	TEU	Main	9,635	Star Shipping	N
7516565	General Cargo	1993	BHS	45,063	15.3	1		1740	TEU	Aux	2,110	Saga Forest Carriers	N
7516565	General Cargo	1993	BHS	45,063	15.3	1		1740	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
7516565	General Cargo	1993	BHS	45,063	15.3	1		1740	TEU	Main	11,180	Saga Forest Carriers	N
7516577	General Cargo	1993	BHS	45,063	15.3	1		1740	TEU	Aux	2,110	Saga Forest Carriers	N
7516577	General Cargo	1993	BHS	45,063	15.3	1		1740	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
7516577	General Cargo	1993	BHS	45,063	15.3	1		1740	TEU	Main	11,180	Saga Forest Carriers	N
7516632	General Cargo	1993	BHS	44,895	15.3	1		1724	TEU	Aux	2,110	Saga Forest Carriers	N
7516632	General Cargo	1993	BHS	44,895	15.3	1		1724	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
7516632	General Cargo	1993	BHS	44,895	15.3	1		1724	TEU	Main	12,356	Saga Forest Carriers	N
7516644	Bulk	1995	BHS	44,926	15.5	1		1724	TEU	Aux	2,028	Saga Forest Carriers	N
7516644	Bulk	1995	BHS	44,926	15.5	1		1724	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
7516644	Bulk	1995	BHS	44,926	15.5	1		1724	TEU	Main	12,356	Saga Forest Carriers	N
7516656	Bulk	1995	BHS	44,895	15.3	1		1724	TEU	Aux	2,028	Saga Forest Carriers	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
7516656	Bulk	1995	BHS	44,895	15.3	1		1724	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
7516656	Bulk	1995	BHS	44,895	15.3	1		1724	TEU	Main	12,356	Saga Forest Carriers	N
7612929	Bulk	1995	SGP	37,681	14	1		0	TEU	Aux	2,028	Pacnav De Mexico	N
7612929	Bulk	1995	SGP	37,681	14	1		0	TEU	Auxiliary Boiler	109	Pacnav De Mexico	N
7612929	Bulk	1995	SGP	37,681	14	1		0	TEU	Main	8,503	Pacnav De Mexico	N
7620603	General Cargo	1993	SGP	43,052	15.5	1		1344	TEU	Aux	2,110	Star Shipping	N
7620603	General Cargo	1993	SGP	43,052	15.5	1		1344	TEU	Auxiliary Boiler	371	Star Shipping	N
7620603	General Cargo	1993	SGP	43,052	15.5	1		1344	TEU	Main	9,635	Star Shipping	N
7620627	General Cargo	1993	SGP	43,051	15	1		1344	TEU	Aux	2,110	Star Shipping	N
7620627	General Cargo	1993	SGP	43,051	15	1		1344	TEU	Auxiliary Boiler	371	Star Shipping	N
7620627	General Cargo	1993	SGP	43,051	15	1		1344	TEU	Main	9,635	Star Shipping	N
7700702	General Cargo	1993	SGP	43,793	15.5	1		1464	TEU	Aux	2,110	Star Shipping	N
7700702	General Cargo	1993	SGP	43,793	15.5	1		1464	TEU	Auxiliary Boiler	371	Star Shipping	N
7700702	General Cargo	1993	SGP	43,793	15.5	1		1464	TEU	Main	9,782	Star Shipping	N
7700714	General Cargo	1993	NOR	43,700	15.5	1		1464	TEU	Aux	2,110	Star Shipping	N
7700714	General Cargo	1993	NOR	43,700	15.5	1		1464	TEU	Auxiliary Boiler	371	Star Shipping	N
7700714	General Cargo	1993	NOR	43,700	15.5	1		1464	TEU	Main	9,782	Star Shipping	N
7714416	Auto Carrier	1993	PHL	13,689	19	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
7714416	Auto Carrier	1993	PHL	13,689	19	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
7714416	Auto Carrier	1993	PHL	13,689	19	1		0	TEU	Main	12,356	Mitsui Bulkship	N
7715953	General Cargo	1993	BHS	44,016	15.3	1		1708	TEU	Aux	2,110	Saga Forest Carriers	N
7715953	General Cargo	1993	BHS	44,016	15.3	1		1708	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
7715953	General Cargo	1993	BHS	44,016	15.3	1		1708	TEU	Main	11,180	Saga Forest Carriers	N
7715965	General Cargo	1993	BHS	44,016	15.3	1		1708	TEU	Aux	2,110	Saga Forest Carriers	N
7715965	General Cargo	1993	BHS	44,016	15.3	1		1708	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
7715965	General Cargo	1993	BHS	44,016	15.3	1		1708	TEU	Main	11,180	Saga Forest Carriers	N
7801659	Auto Carrier	1993	LBR	13,833	18.8	1		0	TEU	Aux	2,491	K Line	N
7801659	Auto Carrier	1993	LBR	13,833	18.8	1		0	TEU	Auxiliary Boiler	321	K Line	N
7801659	Auto Carrier	1993	LBR	13,833	18.8	1		0	TEU	Main	12,415	K Line	N
7816551	Tanker	1995	USA	45,350	16.3	1		0	TEU	Aux	3,049	Chevron Transport	N
7816551	Tanker	1995	USA	45,350	16.3	1		0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
7816551	Tanker	1995	USA	45,350	16.3	1		0	TEU	Main	10,297	Chevron Transport	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
7820849	Containership	1996	MHL	36,267	20.7	1		2816	TEU	Aux	4,870	Maersk Pacific	N
7820849	Containership	1996	MHL	36,267	20.7	1		2816	TEU	Auxiliary Boiler	500	Maersk Pacific	N
7820849	Containership	1996	MHL	36,267	20.7	1		2816	TEU	Main	22,175	Maersk Pacific	N
7820899	Containership	1996	MHL	30,225	20.7	1		2816	TEU	Aux	4,870	Maersk Pacific	N
7820899	Containership	1996	MHL	30,225	20.7	1		2816	TEU	Auxiliary Boiler	500	Maersk Pacific	N
7820899	Containership	1996	MHL	30,225	20.7	1		2816	TEU	Main	22,175	Maersk Pacific	N
7820904	Containership	1996	MHL	35,758	20.7	1		2816	TEU	Aux	4,870	Maersk Pacific	N
7820904	Containership	1996	MHL	35,758	20.7	1		2816	TEU	Auxiliary Boiler	500	Maersk Pacific	N
7820904	Containership	1996	MHL	35,758	20.7	1		2816	TEU	Main	22,175	Maersk Pacific	N
7820966	Containership	1996	MHL	30,379	20.7	1		2816	TEU	Aux	4,870	Maersk Pacific	N
7820966	Containership	1996	MHL	30,379	20.7	1		2816	TEU	Auxiliary Boiler	500	Maersk Pacific	N
7820966	Containership	1996	MHL	30,379	20.7	1		2816	TEU	Main	22,175	Maersk Pacific	N
7821221	ITB	1985	USA	46,919	14.5	2		0	TEU	Aux	650	BP Shipping USA	N
7821221	ITB	1985	USA	46,919	14.5	2		0	TEU	Auxiliary Boiler	0	BP Shipping USA	N
7821221	ITB	1985	USA	46,919	14.5	2		0	TEU	Main	13,386	BP Shipping USA	N
7901928	ITB	1985	USA		15	2		0	TEU	Aux	650	BP Shipping USA	N
7901928	ITB	1985	USA		15	2		0	TEU	Auxiliary Boiler	0	BP Shipping USA	N
7901928	ITB	1985	USA		15	2		0	TEU	Main	13,386	BP Shipping USA	N
7907984	Containership	1992	USA	30,825	23.3	1		3027	TEU	Aux	4,697	Matson Nav.	N
7907984	Containership	1992	USA	30,825	23.3	1		3027	TEU	Auxiliary Boiler	500	Matson Nav.	N
7907984	Containership	1992	USA	30,825	23.3	1		3027	TEU	Main	31,774	Matson Nav.	N
7907996	Containership	1992	USA	35,149	23.3	1		3027	TEU	Aux	7,500	Matson Nav.	N
7907996	Containership	1992	USA	35,149	23.3	1		3027	TEU	Auxiliary Boiler	500	Matson Nav.	N
7907996	Containership	1992	USA	35,149	23.3	1		3027	TEU	Main	31,774	Matson Nav.	N
7908005	Containership	1992	USA	35,149	23.3	1		3027	TEU	Aux	4,697	Matson Nav.	N
7908005	Containership	1992	USA	35,149	23.3	1		3027	TEU	Auxiliary Boiler	500	Matson Nav.	N
7908005	Containership	1992	USA	35,149	23.3	1		3027	TEU	Main	31,774	Matson Nav.	N
7915553	Reefer	1991	BHS	12,475	22	1		135	TEU	Aux	3,480	CSAV Reefers	N
7915553	Reefer	1991	BHS	12,475	22	1		135	TEU	Auxiliary Boiler	464	CSAV Reefers	N
7915553	Reefer	1991	BHS	12,475	22	1		135	TEU	Main	14,784	CSAV Reefers	N
7923562	Tanker	1995	LBR	39,742	15	1		0	TEU	Aux	3,049	Sokana Chartering	N
7923562	Tanker	1995	LBR	39,742	15	1		0	TEU	Auxiliary Boiler	3,000	Sokana Chartering	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
7923562	Tanker	1995	LBR	39,742	15	1		0	TEU	Main	8,385	Sokana Chartering	N
7926045	Tanker	1995	PAN	17,676	13.5	1		0	TEU	Aux	3,049	Tokmar	N
7926045	Tanker	1995	PAN	17,676	13.5	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
7926045	Tanker	1995	PAN	17,676	13.5	1		0	TEU	Main	4,413	Tokmar	N
7926241	Tanker	1995	MHL	41,985	14.8	1		0	TEU	Aux	3,049	Team Tankers	N
7926241	Tanker	1995	MHL	41,985	14.8	1		0	TEU	Auxiliary Boiler	3,000	Team Tankers	N
7926241	Tanker	1995	MHL	41,985	14.8	1		0	TEU	Main	8,238	Team Tankers	N
7926540	ITB	1985	USA		15.5	2		0	TEU	Aux	650	BP Shipping USA	N
7926540	ITB	1985	USA		15.5	2		0	TEU	Auxiliary Boiler	0	BP Shipping USA	N
7926540	ITB	1985	USA		15.5	2		0	TEU	Main	13,386	BP Shipping USA	N
7928122	Bulk	1995	GRC	63,990	15	1		0	TEU	Aux	2,028	Trojan	N
7928122	Bulk	1995	GRC	63,990	15	1		0	TEU	Auxiliary Boiler	109	Trojan	N
7928122	Bulk	1995	GRC	63,990	15	1		0	TEU	Main	9,267	Trojan	N
8001189	ITB	1985	USA	48,852	15.5	2		0	TEU	Aux	650	BP Shipping USA	N
8001189	ITB	1985	USA	48,852	15.5	2		0	TEU	Auxiliary Boiler	0	BP Shipping USA	N
8001189	ITB	1985	USA	48,852	15.5	2		0	TEU	Main	13,386	BP Shipping USA	N
8004698	Auto Carrier	1993	PAN	10,915	18	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8004698	Auto Carrier	1993	PAN	10,915	18	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8004698	Auto Carrier	1993	PAN	10,915	18	1		0	TEU	Main	8,826	Mitsui Bulkship	N
8008917	Tanker	1995	USA	50,920	14.5	1		0	TEU	Aux	3,049	Seariver Maritime	N
8008917	Tanker	1995	USA	50,920	14.5	1		0	TEU	Auxiliary Boiler	3,000	Seariver Maritime	N
8008917	Tanker	1995	USA	50,920	14.5	1		0	TEU	Main	8,385	Seariver Maritime	N
8008931	Tanker	1995	USA	50,860	14.5	1		0	TEU	Aux	3,049	Tesoro Maritime	N
8008931	Tanker	1995	USA	50,860	14.5	1		0	TEU	Auxiliary Boiler	3,000	Tesoro Maritime	N
8008931	Tanker	1995	USA	50,860	14.5	1		0	TEU	Main	8,385	Tesoro Maritime	N
8011330	General Cargo	1993	NOR	39,718	15	1		1448	TEU	Aux	3,000	Star Shipping	N
8011330	General Cargo	1993	NOR	39,718	15	1		1448	TEU	Auxiliary Boiler	371	Star Shipping	N
8011330	General Cargo	1993	NOR	39,718	15	1		1448	TEU	Main	9,635	Star Shipping	N
8016653	Bulk	1995	VUT	37,263	13	1	4	0	TEU	Aux	3,566	CSL	N
8016653	Bulk	1995	VUT	37,263	13	1	4	0	TEU	Auxiliary Boiler	109	CSL	N
8016653	Bulk	1995	VUT	37,263	13	1	4	0	TEU	Main	6,469	CSL	N
8025484	Auto Carrier	1993	PAN	13,051	17.8	1		0	TEU	Aux	2,491	Mitsui Bulkship	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8025484	Auto Carrier	1993	PAN	13,051	17.8	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8025484	Auto Carrier	1993	PAN	13,051	17.8	1		0	TEU	Main	9,267	Mitsui Bulkship	N
8029296	Bulk	1995	PAN	41,536	14.3	1		0	TEU	Aux	2,028	Maritime Enterprises Man	N
8029296	Bulk	1995	PAN	41,536	14.3	1		0	TEU	Auxiliary Boiler	109	Maritime Enterprises Man	N
8029296	Bulk	1995	PAN	41,536	14.3	1		0	TEU	Main	8,238	Maritime Enterprises Man	N
8110318	Bulk	1995	BHS	35,174	15	1		728	TEU	Aux	2,028	Trojan	N
8110318	Bulk	1995	BHS	35,174	15	1		728	TEU	Auxiliary Boiler	109	Trojan	N
8110318	Bulk	1995	BHS	35,174	15	1		728	TEU	Main	8,716	Trojan	N
8116063	General Cargo	1993	BHS	18,567	15	1		0	TEU	Aux	2,110	Next Production LLC	N
8116063	General Cargo	1993	BHS	18,567	15	1		0	TEU	Auxiliary Boiler	371	Next Production LLC	N
8116063	General Cargo	1993	BHS	18,567	15	1		0	TEU	Main	4,950	Next Production LLC	N
8118578	Bulk	1995	MLT	47,893	14.8	1	3	0	TEU	Aux	1,986	SK Shipping Co. LTD.	N
8118578	Bulk	1995	MLT	47,893	14.8	1	3	0	TEU	Auxiliary Boiler	109	SK Shipping Co. LTD.	N
8118578	Bulk	1995	MLT	47,893	14.8	1	3	0	TEU	Main	7,355	SK Shipping Co. LTD.	N
8124797	Bulk	1995	MLT	39,641	14	1		0	TEU	Aux	2,028	Brave Maritime	N
8124797	Bulk	1995	MLT	39,641	14	1		0	TEU	Auxiliary Boiler	109	Brave Maritime	N
8124797	Bulk	1995	MLT	39,641	14	1		0	TEU	Main	6,163	Brave Maritime	N
8130966	Auto Carrier	1993	NOR	15,500	18	1		0	TEU	Aux	2,491	World Logistics Service (U	N
8130966	Auto Carrier	1993	NOR	15,500	18	1		0	TEU	Auxiliary Boiler	321	World Logistics Service (U	N
8130966	Auto Carrier	1993	NOR	15,500	18	1		0	TEU	Main	9,561	World Logistics Service (U	N
8201480	Cruise	1997	BMU	4,661	21.5	4	3	0	TEU	Aux	4,640	P&O Cruises	N
8201480	Cruise	1997	BMU	4,661	21.5	4	3	0	TEU	Auxiliary Boiler	1,000	P&O Cruises	N
8201480	Cruise	1997	BMU	4,661	21.5	4	3	0	TEU	Main	18,558	P&O Cruises	N
8202317	Auto Carrier	1993	LBR	14,620	18.8	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8202317	Auto Carrier	1993	LBR	14,620	18.8	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8202317	Auto Carrier	1993	LBR	14,620	18.8	1		0	TEU	Main	10,863	Mitsui Bulkship	N
8208036	Containership	1996	THA	24,900	15.8	1		1316	TEU	Aux	2,753	Seyang Shipping	N
8208036	Containership	1996	THA	24,900	15.8	1		1316	TEU	Auxiliary Boiler	500	Seyang Shipping	N
8208036	Containership	1996	THA	24,900	15.8	1		1316	TEU	Main	6,803	Seyang Shipping	N
8211526	Auto Carrier	1993	SGP	11,164	17	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8211526	Auto Carrier	1993	SGP	11,164	17	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8211526	Auto Carrier	1993	SGP	11,164	17	1		0	TEU	Main	8,826	Mitsui Bulkship	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8220072	General Cargo	1993	NOR	44,959	15.8	1		2303	TEU	Aux	2,110	Star Shipping	N
8220072	General Cargo	1993	NOR	44,959	15.8	1		2303	TEU	Auxiliary Boiler	371	Star Shipping	N
8220072	General Cargo	1993	NOR	44,959	15.8	1		2303	TEU	Main	11,106	Star Shipping	N
8220761	Tanker	1995	USA	33,095	16.5	1		0	TEU	Aux	3,049	BP Shipping USA	N
8220761	Tanker	1995	USA	33,095	16.5	1		0	TEU	Auxiliary Boiler	3,000	BP Shipping USA	N
8220761	Tanker	1995	USA	33,095	16.5	1		0	TEU	Main	11,253	BP Shipping USA	N
8300377	Reefer	1991	BHS	14,786	16.4	1		152	TEU	Aux	3,480	NYK LauritzenCool	N
8300377	Reefer	1991	BHS	14,786	16.4	1		152	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
8300377	Reefer	1991	BHS	14,786	16.4	1		152	TEU	Main	6,950	NYK LauritzenCool	N
8306541	General Cargo	1993	RUS	23,242	15.5	1		863	TEU	Aux	2,110	Compania Trasatlantica E	N
8306541	General Cargo	1993	RUS	23,242	15.5	1		863	TEU	Auxiliary Boiler	371	Compania Trasatlantica E	N
8306541	General Cargo	1993	RUS	23,242	15.5	1		863	TEU	Main	8,238	Compania Trasatlantica E	N
8307492	Bulk	1995	GBR	33,024	14	1		140	TEU	Aux	2,028	San Juan Navigation	N
8307492	Bulk	1995	GBR	33,024	14	1		140	TEU	Auxiliary Boiler	109	San Juan Navigation	N
8307492	Bulk	1995	GBR	33,024	14	1		140	TEU	Main	5,658	San Juan Navigation	N
8307533	Bulk	1995	KOR	33,024	14	1		140	TEU	Aux	2,028	Western Bulk Carriers	N
8307533	Bulk	1995	KOR	33,024	14	1		140	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
8307533	Bulk	1995	KOR	33,024	14	1		140	TEU	Main	4,832	Western Bulk Carriers	N
8307739	Bulk	1995	PAN	41,213	14	1		844	TEU	Aux	2,028	MUR	N
8307739	Bulk	1995	PAN	41,213	14	1		844	TEU	Auxiliary Boiler	109	MUR	N
8307739	Bulk	1995	PAN	41,213	14	1		844	TEU	Main	6,590	MUR	N
8307818	Bulk	1995	CYP	41,093	16.3	1		0	TEU	Aux	2,028	Cargil Int'l S.A.	N
8307818	Bulk	1995	CYP	41,093	16.3	1		0	TEU	Auxiliary Boiler	109	Cargil Int'l S.A.	N
8307818	Bulk	1995	CYP	41,093	16.3	1		0	TEU	Main	6,950	Cargil Int'l S.A.	N
8307997	Tanker	1995	PAN	24,743	13.8	1		0	TEU	Aux	3,049	Tokmar	N
8307997	Tanker	1995	PAN	24,743	13.8	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
8307997	Tanker	1995	PAN	24,743	13.8	1		0	TEU	Main	6,708	Tokmar	N
8308161	General Cargo	1993	BHS	42,964	12.5	1		1584	TEU	Aux	2,110	Gearbulk Shipping	N
8308161	General Cargo	1993	BHS	42,964	12.5	1		1584	TEU	Auxiliary Boiler	371	Gearbulk Shipping	N
8308161	General Cargo	1993	BHS	42,964	12.5	1		1584	TEU	Main	5,972	Gearbulk Shipping	N
8308886	Bulk	1995	MLT	37,744	14.3	1		0	TEU	Aux	2,028	Sims Hugo	N
8308886	Bulk	1995	MLT	37,744	14.3	1		0	TEU	Auxiliary Boiler	109	Sims Hugo	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8308886	Bulk	1995	MLT	37,744	14.3	1		0	TEU	Main	5,377	Sims Hugo	N
8309218	Bulk	1995	TUR	34,607	14	1		0	TEU	Aux	2,028	Haci Ismail Kaptanoglu Sl	N
8309218	Bulk	1995	TUR	34,607	14	1		0	TEU	Auxiliary Boiler	109	Haci Ismail Kaptanoglu Sl	N
8309218	Bulk	1995	TUR	34,607	14	1		0	TEU	Main	5,649	Haci Ismail Kaptanoglu Sl	N
8309359	Bulk	1995	SGP	39,339	14	1		0	TEU	Aux	2,028	San Juan Navigation	N
8309359	Bulk	1995	SGP	39,339	14	1		0	TEU	Auxiliary Boiler	109	San Juan Navigation	N
8309359	Bulk	1995	SGP	39,339	14	1		0	TEU	Main	6,355	San Juan Navigation	N
8309713	General Cargo	1993	BHS	41,646	12.5	1	4	1584	TEU	Aux	2,385	Gearbulk Shipping	N
8309713	General Cargo	1993	BHS	41,646	12.5	1	4	1584	TEU	Auxiliary Boiler	371	Gearbulk Shipping	N
8309713	General Cargo	1993	BHS	41,646	12.5	1	4	1584	TEU	Main	5,972	Gearbulk Shipping	N
8309828	General Cargo	1993	NOR	40,790	15	1		1112	TEU	Aux	2,110	Star Shipping	N
8309828	General Cargo	1993	NOR	40,790	15	1		1112	TEU	Auxiliary Boiler	371	Star Shipping	N
8309828	General Cargo	1993	NOR	40,790	15	1		1112	TEU	Main	7,377	Star Shipping	N
8309842	General Cargo	1993	NOR	40,840	15	1		1112	TEU	Aux	2,110	Star Shipping	N
8309842	General Cargo	1993	NOR	40,840	15	1		1112	TEU	Auxiliary Boiler	371	Star Shipping	N
8309842	General Cargo	1993	NOR	40,840	15	1		1112	TEU	Main	7,377	Star Shipping	N
8311106	Reefer	1991	CYM	14,567	18	1	4	148	TEU	Aux	3,320	CSAV Reefers	N
8311106	Reefer	1991	CYM	14,567	18	1	4	148	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8311106	Reefer	1991	CYM	14,567	18	1	4	148	TEU	Main	7,061	CSAV Reefers	N
8311118	Reefer	1991	CYM	14,519	18	1	4	148	TEU	Aux	3,320	CSAV Reefers	N
8311118	Reefer	1991	CYM	14,519	18	1	4	148	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8311118	Reefer	1991	CYM	14,519	18	1	4	148	TEU	Main	7,061	CSAV Reefers	N
8311132	Reefer	1991	CYM	14,530	18	1	4	148	TEU	Aux	3,320	CSAV Reefers	N
8311132	Reefer	1991	CYM	14,530	18	1	4	148	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8311132	Reefer	1991	CYM	14,530	18	1	4	148	TEU	Main	7,061	CSAV Reefers	N
8311156	Bulk	1995	RUS	37,155	13	1	4	898	TEU	Aux	2,163	RIMB	N
8311156	Bulk	1995	RUS	37,155	13	1	4	898	TEU	Auxiliary Boiler	109	RIMB	N
8311156	Bulk	1995	RUS	37,155	13	1	4	898	TEU	Main	7,949	RIMB	N
8312071	Bulk	1995	MYS	28,094	14.5	1		0	TEU	Aux	2,028	Cargil Int'l S.A.	N
8312071	Bulk	1995	MYS	28,094	14.5	1		0	TEU	Auxiliary Boiler	109	Cargil Int'l S.A.	N
8312071	Bulk	1995	MYS	28,094	14.5	1		0	TEU	Main	7,061	Cargil Int'l S.A.	N
8315176	Bulk	1995	TUR	34,560	14	1		140	TEU	Aux	2,028	Korfez	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8315176	Bulk	1995	TUR	34,560	14	1		140	TEU	Auxiliary Boiler	109	Korfez	N
8315176	Bulk	1995	TUR	34,560	14	1		140	TEU	Main	6,360	Korfez	N
8315401	Bulk	1995	MHL	48,015	14.4	1		954	TEU	Aux	2,028	Prime Marine	N
8315401	Bulk	1995	MHL	48,015	14.4	1		954	TEU	Auxiliary Boiler	109	Prime Marine	N
8315401	Bulk	1995	MHL	48,015	14.4	1		954	TEU	Main	8,826	Prime Marine	N
8316716	Tanker	1995	SGP	40,091	14.5	1	3	0	TEU	Aux	3,049	Odfjell	N
8316716	Tanker	1995	SGP	40,091	14.5	1	3	0	TEU	Auxiliary Boiler	3,000	Odfjell	N
8316716	Tanker	1995	SGP	40,091	14.5	1	3	0	TEU	Main	7,943	Odfjell	N
8317289	Bulk	1995	PAN	40,698	15	1	4	1389	TEU	Aux	1,986	Cargil Int'l S.A.	N
8317289	Bulk	1995	PAN	40,698	15	1	4	1389	TEU	Auxiliary Boiler	109	Cargil Int'l S.A.	N
8317289	Bulk	1995	PAN	40,698	15	1	4	1389	TEU	Main	9,539	Cargil Int'l S.A.	N
8319914	Tanker	1995	IND	66,203	14	1	4	0	TEU	Aux	1,809	ST Shipping & Transport	N
8319914	Tanker	1995	IND	66,203	14	1	4	0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
8319914	Tanker	1995	IND	66,203	14	1	4	0	TEU	Main	8,296	ST Shipping & Transport	N
8320896	Containership	1992	PAN	53,239	18.5	1		3753	TEU	Aux	4,697	Evergreen America	N
8320896	Containership	1992	PAN	53,239	18.5	1		3753	TEU	Auxiliary Boiler	500	Evergreen America	N
8320896	Containership	1992	PAN	53,239	18.5	1		3753	TEU	Main	18,946	Evergreen America	N
8321943	Auto Carrier	1993	CHN	11,678	17	1		0	TEU	Aux	2,491	NYK Bulkship	N
8321943	Auto Carrier	1993	CHN	11,678	17	1		0	TEU	Auxiliary Boiler	321	NYK Bulkship	N
8321943	Auto Carrier	1993	CHN	11,678	17	1		0	TEU	Main	6,906	NYK Bulkship	N
8322507	General Cargo	1993	SGP	41,409	14	1		1969	TEU	Aux	2,110	Star Shipping	N
8322507	General Cargo	1993	SGP	41,409	14	1		1969	TEU	Auxiliary Boiler	371	Star Shipping	N
8322507	General Cargo	1993	SGP	41,409	14	1		1969	TEU	Main	6,950	Star Shipping	N
8324385	Bulk	1995	MLT	43,648	14	1		1074	TEU	Aux	2,028	Korea Line Corp.	N
8324385	Bulk	1995	MLT	43,648	14	1		1074	TEU	Auxiliary Boiler	109	Korea Line Corp.	N
8324385	Bulk	1995	MLT	43,648	14	1		1074	TEU	Main	7,120	Korea Line Corp.	N
8400232	Bulk	1995	KOR	33,273	14.4	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
8400232	Bulk	1995	KOR	33,273	14.4	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
8400232	Bulk	1995	KOR	33,273	14.4	1		0	TEU	Main	5,520	STX Panocean Shpg.	N
8400555	Bulk	1995	BHS	27,652	14.2	1		0	TEU	Aux	2,028	Gore Navigation	N
8400555	Bulk	1995	BHS	27,652	14.2	1		0	TEU	Auxiliary Boiler	109	Gore Navigation	N
8400555	Bulk	1995	BHS	27,652	14.2	1		0	TEU	Main	5,685	Gore Navigation	N



Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8402371	Auto Carrier	1993	PAN	15,160	18	1		0	TEU	Aux	2,491	NYK Bulkship	N
8402371	Auto Carrier	1993	PAN	15,160	18	1		0	TEU	Auxiliary Boiler	321	NYK Bulkship	N
8402371	Auto Carrier	1993	PAN	15,160	18	1		0	TEU	Main	8,502	NYK Bulkship	N
8404276	RoRo	1988	BHS	9,334	14.5	1	4	397	TEU	Aux	6,899	Westwood Shipping Lines	N
8404276	RoRo	1988	BHS	9,334	14.5	1	4	397	TEU	Auxiliary Boiler	100	Westwood Shipping Lines	N
8404276	RoRo	1988	BHS	9,334	14.5	1	4	397	TEU	Main	5,520	Westwood Shipping Lines	N
8405842	Bulk	1995	MHL	45,721	16	1	3	0	TEU	Aux	3,465	Heidenreich Marine	N
8405842	Bulk	1995	MHL	45,721	16	1	3	0	TEU	Auxiliary Boiler	109	Heidenreich Marine	N
8405842	Bulk	1995	MHL	45,721	16	1	3	0	TEU	Main	12,800	Heidenreich Marine	N
8408715	Bulk	1995	SGP	45,263	14	1		380	TEU	Aux	2,028	Pacnav SA	N
8408715	Bulk	1995	SGP	45,263	14	1		380	TEU	Auxiliary Boiler	109	Pacnav SA	N
8408715	Bulk	1995	SGP	45,263	14	1		380	TEU	Main	7,576	Pacnav SA	N
8412778	Bulk	1995	CYP	41,343	13.8	1		0	TEU	Aux	2,028	ED&F Man Shpg LTD L	N
8412778	Bulk	1995	CYP	41,343	13.8	1		0	TEU	Auxiliary Boiler	109	ED&F Man Shpg LTD L	N
8412778	Bulk	1995	CYP	41,343	13.8	1		0	TEU	Main	7,193	ED&F Man Shpg LTD L	N
8417948	Containership	1996	GRC	37,915	21	1		2633	TEU	Aux	2,600	HASA	N
8417948	Containership	1996	GRC	37,915	21	1		2633	TEU	Auxiliary Boiler	500	HASA	N
8417948	Containership	1996	GRC	37,915	21	1		2633	TEU	Main	20,373	HASA	N
8417998	Auto Carrier	1993	PAN	12,901	18.3	1		0	TEU	Aux	2,491	Eukor	N
8417998	Auto Carrier	1993	PAN	12,901	18.3	1		0	TEU	Auxiliary Boiler	321	Eukor	N
8417998	Auto Carrier	1993	PAN	12,901	18.3	1		0	TEU	Main	8,789	Eukor	N
8418291	Auto Carrier	1993	PAN	16,068	18	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8418291	Auto Carrier	1993	PAN	16,068	18	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8418291	Auto Carrier	1993	PAN	16,068	18	1		0	TEU	Main	7,723	Mitsui Bulkship	N
8420488	Tanker	1995	SGP	45,655	14.5	1		0	TEU	Aux	3,049	Odfjell	N
8420488	Tanker	1995	SGP	45,655	14.5	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
8420488	Tanker	1995	SGP	45,655	14.5	1		0	TEU	Main	6,767	Odfjell	N
8420787	General Cargo	1993	NOR	43,712	15	1		1532	TEU	Aux	2,110	Star Shipping	N
8420787	General Cargo	1993	NOR	43,712	15	1		1532	TEU	Auxiliary Boiler	371	Star Shipping	N
8420787	General Cargo	1993	NOR	43,712	15	1		1532	TEU	Main	7,443	Star Shipping	N
8420799	General Cargo	1993	NOR	43,759	16.3	1		1532	TEU	Aux	2,110	Star Shipping	N
8420799	General Cargo	1993	NOR	43,759	16.3	1		1532	TEU	Auxiliary Boiler	371	Star Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8420799	General Cargo	1993	NOR	43,759	16.3	1		1532	TEU	Main	7,445	Star Shipping	N
8501440	Containership	1992	LBR	40,845	20.5	1		3266	TEU	Aux	4,697	Yang Ming America	N
8501440	Containership	1992	LBR	40,845	20.5	1		3266	TEU	Auxiliary Boiler	500	Yang Ming America	N
8501440	Containership	1992	LBR	40,845	20.5	1		3266	TEU	Main	20,879	Yang Ming America	N
8501660	Auto Carrier	1993	PAN	11,633	18	1		184	TEU	Aux	2,007	Mitsui Bulkship	N
8501660	Auto Carrier	1993	PAN	11,633	18	1		184	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8501660	Auto Carrier	1993	PAN	11,633	18	1		184	TEU	Main	6,619	Mitsui Bulkship	N
8502822	General Cargo	1993	SGP	30,382	15	1		1198	TEU	Aux	2,110	Star Shipping	N
8502822	General Cargo	1993	SGP	30,382	15	1		1198	TEU	Auxiliary Boiler	371	Star Shipping	N
8502822	General Cargo	1993	SGP	30,382	15	1		1198	TEU	Main	7,208	Star Shipping	N
8502834	General Cargo	1993	NOR	30,402	15	1		1198	TEU	Aux	2,110	Star Shipping	N
8502834	General Cargo	1993	NOR	30,402	15	1		1198	TEU	Auxiliary Boiler	371	Star Shipping	N
8502834	General Cargo	1993	NOR	30,402	15	1		1198	TEU	Main	7,208	Star Shipping	N
8505161	Tanker	1995	PAN	17,722	14.3	1		0	TEU	Aux	3,049	Tokmar	N
8505161	Tanker	1995	PAN	17,722	14.3	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
8505161	Tanker	1995	PAN	17,722	14.3	1		0	TEU	Main	5,075	Tokmar	N
8507652	Auto Carrier	1993	SGP	7,902	18.7	1	3	0	TEU	Aux	2,491	Mitsui Bulkship	N
8507652	Auto Carrier	1993	SGP	7,902	18.7	1	3	0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8507652	Auto Carrier	1993	SGP	7,902	18.7	1	3	0	TEU	Main	9,000	Mitsui Bulkship	N
8507664	Auto Carrier	1993	SGP	7,894	19.5	1	3	0	TEU	Aux	1,942	Mitsui Bulkship	N
8507664	Auto Carrier	1993	SGP	7,894	19.5	1	3	0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8507664	Auto Carrier	1993	SGP	7,894	19.5	1	3	0	TEU	Main	9,000	Mitsui Bulkship	N
8510001	Auto Carrier	1993	HKG	13,418	19	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8510001	Auto Carrier	1993	HKG	13,418	19	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8510001	Auto Carrier	1993	HKG	13,418	19	1		0	TEU	Main	7,745	Mitsui Bulkship	N
8511299	Containership	1992	BHS	43,567	21.8	1		3016	TEU	Aux	2,600	HASA	N
8511299	Containership	1992	BHS	43,567	21.8	1		3016	TEU	Auxiliary Boiler	500	HASA	N
8511299	Containership	1992	BHS	43,567	21.8	1		3016	TEU	Main	23,168	HASA	N
8511304	Containership	1992	BHS	43,567	23.3	1		3016	TEU	Aux	2,600	HASA	N
8511304	Containership	1992	BHS	43,567	23.3	1		3016	TEU	Auxiliary Boiler	500	HASA	N
8511304	Containership	1992	BHS	43,567	23.3	1		3016	TEU	Main	23,168	HASA	N
8511316	Containership	1992	BHS	43,567	23	1		3016	TEU	Aux	2,600	HASA	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8511316	Containership	1992	BHS	43,567	23	1		3016	TEU	Auxiliary Boiler	500	HASA	N
8511316	Containership	1992	BHS	43,567	23	1		3016	TEU	Main	23,168	HASA	N
8511328	Containership	1992	PAN	43,567	21.8	1		3016	TEU	Aux	2,600	HASA	N
8511328	Containership	1992	PAN	43,567	21.8	1		3016	TEU	Auxiliary Boiler	500	HASA	N
8511328	Containership	1992	PAN	43,567	21.8	1		3016	TEU	Main	23,168	HASA	N
8511770	Containership	1992	ITA	53,240	18.5	1		3753	TEU	Aux	4,697	Evergreen America	N
8511770	Containership	1992	ITA	53,240	18.5	1		3753	TEU	Auxiliary Boiler	500	Evergreen America	N
8511770	Containership	1992	ITA	53,240	18.5	1		3753	TEU	Main	18,946	Evergreen America	N
8511782	Containership	1992	ITA	53,240	18.5	1		3753	TEU	Aux	4,697	Evergreen America	N
8511782	Containership	1992	ITA	53,240	18.5	1		3753	TEU	Auxiliary Boiler	500	Evergreen America	N
8511782	Containership	1992	ITA	53,240	18.5	1		3753	TEU	Main	18,946	Evergreen America	N
8515867	Tanker	1995	PAN	17,740	14.3	1		0	TEU	Aux	3,049	Tokmar	N
8515867	Tanker	1995	PAN	17,740	14.3	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
8515867	Tanker	1995	PAN	17,740	14.3	1		0	TEU	Main	5,075	Tokmar	N
8521232	Cruise	1991	BMU	7,002	19.5	4		0	TEU	Aux	7,775	Princess Cruises	N
8521232	Cruise	1991	BMU	7,002	19.5	4		0	TEU	Auxiliary Boiler	1,000	Princess Cruises	N
8521232	Cruise	1991	BMU	7,002	19.5	4		0	TEU	Main	31,101	Princess Cruises	N
8601410	Containership	1992	GRC	38,717	22	1		3065	TEU	Aux	4,697	Wan Hai	N
8601410	Containership	1992	GRC	38,717	22	1		3065	TEU	Auxiliary Boiler	500	Wan Hai	N
8601410	Containership	1992	GRC	38,717	22	1		3065	TEU	Main	21,598	Wan Hai	N
8601604	Bulk	1995	PAN	69,235	13.5	1		0	TEU	Aux	2,028	K Line	N
8601604	Bulk	1995	PAN	69,235	13.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
8601604	Bulk	1995	PAN	69,235	13.5	1		0	TEU	Main	6,353	K Line	N
8608585	Containership	1992	CYP	38,624	22	1		3045	TEU	Aux	4,697	Wan Hai	N
8608585	Containership	1992	CYP	38,624	22	1		3045	TEU	Auxiliary Boiler	500	Wan Hai	N
8608585	Containership	1992	CYP	38,624	22	1		3045	TEU	Main	24,124	Wan Hai	N
8609527	Tanker	1995	MHL	44,987	14	1	3	0	TEU	Aux	1,675	Flopec-Flota Petrolera	N
8609527	Tanker	1995	MHL	44,987	14	1	3	0	TEU	Auxiliary Boiler	3,000	Flopec-Flota Petrolera	N
8609527	Tanker	1995	MHL	44,987	14	1	3	0	TEU	Main	8,199	Flopec-Flota Petrolera	N
8610526	Auto Carrier	1993	PAN	17,319	18.5	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8610526	Auto Carrier	1993	PAN	17,319	18.5	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8610526	Auto Carrier	1993	PAN	17,319	18.5	1		0	TEU	Main	10,591	Mitsui Bulkship	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8611972	Bulk	1995	PAN	42,791	15.5	1		0	TEU	Aux	2,028	Mitsui OSK Lines	N
8611972	Bulk	1995	PAN	42,791	15.5	1		0	TEU	Auxiliary Boiler	109	Mitsui OSK Lines	N
8611972	Bulk	1995	PAN	42,791	15.5	1		0	TEU	Main	6,840	Mitsui OSK Lines	N
8615227	Reefer	1991	CYM	6,928	20.5	1		48	TEU	Aux	3,480	Pacific Voyages	N
8615227	Reefer	1991	CYM	6,928	20.5	1		48	TEU	Auxiliary Boiler	464	Pacific Voyages	N
8615227	Reefer	1991	CYM	6,928	20.5	1		48	TEU	Main	6,181	Pacific Voyages	N
8615239	Reefer	1991	CYM	6,959	18	1		48	TEU	Aux	3,480	Pacific Voyages	N
8615239	Reefer	1991	CYM	6,959	18	1		48	TEU	Auxiliary Boiler	464	Pacific Voyages	N
8615239	Reefer	1991	CYM	6,959	18	1		48	TEU	Main	5,999	Pacific Voyages	N
8615837	Tanker	1995	SGP	40,272	14.5	1		0	TEU	Aux	3,049	Mansel	N
8615837	Tanker	1995	SGP	40,272	14.5	1		0	TEU	Auxiliary Boiler	3,000	Mansel	N
8615837	Tanker	1995	SGP	40,272	14.5	1		0	TEU	Main	8,049	Mansel	N
8616283	Containership	1999	USA	54,700	24.3	1		4340	TEU	Aux	7,434	ASM	N
8616283	Containership	1999	USA	54,700	24.3	1		4340	TEU	Auxiliary Boiler	500	ASM	N
8616283	Containership	1999	USA	54,700	24.3	1		4340	TEU	Main	41,894	ASM	N
8616295	Containership	1999	SGP	54,665	24.3	1		4340	TEU	Aux	7,434	ASM	N
8616295	Containership	1999	SGP	54,665	24.3	1		4340	TEU	Auxiliary Boiler	500	ASM	N
8616295	Containership	1999	SGP	54,665	24.3	1		4340	TEU	Main	41,894	ASM	N
8616300	Containership	1999	USA	53,613	24.3	1		4340	TEU	Aux	7,434	ASM	N
8616300	Containership	1999	USA	53,613	24.3	1		4340	TEU	Auxiliary Boiler	500	ASM	N
8616300	Containership	1999	USA	53,613	24.3	1		4340	TEU	Main	41,894	ASM	N
8616489	Containership	1996	JPN	39,157	22	1		2977	TEU	Aux	4,870	NYK Line	N
8616489	Containership	1996	JPN	39,157	22	1		2977	TEU	Auxiliary Boiler	500	NYK Line	N
8616489	Containership	1996	JPN	39,157	22	1		2977	TEU	Main	24,051	NYK Line	N
8616922	Containership	1999	USA	54,700	24.3	1		4340	TEU	Aux	7,434	ASM	N
8616922	Containership	1999	USA	54,700	24.3	1		4340	TEU	Auxiliary Boiler	500	ASM	N
8616922	Containership	1999	USA	54,700	24.3	1		4340	TEU	Main	41,894	ASM	N
8616934	Containership	1999	USA	53,613	24.3	1		4340	TEU	Aux	7,434	ASM	N
8616934	Containership	1999	USA	53,613	24.3	1		4340	TEU	Auxiliary Boiler	500	ASM	N
8616934	Containership	1999	USA	53,613	24.3	1		4340	TEU	Main	41,894	ASM	N
8618293	Containership	1999	HKG	60,639	23	1	5	4437	TEU	Aux	6,650	Maersk Pacific	N
8618293	Containership	1999	HKG	60,639	23	1	5	4437	TEU	Auxiliary Boiler	500	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8618293	Containership	1999	HKG	60,639	23	1	5	4437	TEU	Main	42,421	Maersk Pacific	N
8700230	Reefer	1991	BHS	12,838	18.5	1		306	TEU	Aux	3,480	NYK LauritzenCool	N
8700230	Reefer	1991	BHS	12,838	18.5	1		306	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
8700230	Reefer	1991	BHS	12,838	18.5	1		306	TEU	Main	7,134	NYK LauritzenCool	N
8702915	Containership	1992	PAN	59,488	23.5	1		3780	TEU	Aux	4,697	MOL	N
8702915	Containership	1992	PAN	59,488	23.5	1		3780	TEU	Auxiliary Boiler	500	MOL	N
8702915	Containership	1992	PAN	59,488	23.5	1		3780	TEU	Main	28,684	MOL	N
8705486	Containership	1992	PAN	40,638	22	1		3102	TEU	Aux	4,697	Norasia	N
8705486	Containership	1992	PAN	40,638	22	1		3102	TEU	Auxiliary Boiler	500	Norasia	N
8705486	Containership	1992	PAN	40,638	22	1		3102	TEU	Main	27,868	Norasia	N
8705591	Tanker	1992	MHL	29,751	14.8	1	4	0	TEU	Aux	2,039	Columbia Ship Mgmt.	N
8705591	Tanker	1992	MHL	29,751	14.8	1	4	0	TEU	Auxiliary Boiler	3,000	Columbia Ship Mgmt.	N
8705591	Tanker	1992	MHL	29,751	14.8	1	4	0	TEU	Main	8,380	Columbia Ship Mgmt.	N
8706117	Containership	1992	PAN	53,274	18.5	1		3753	TEU	Aux	4,697	Evergreen America	N
8706117	Containership	1992	PAN	53,274	18.5	1		3753	TEU	Auxiliary Boiler	500	Evergreen America	N
8706117	Containership	1992	PAN	53,274	18.5	1		3753	TEU	Main	18,946	Evergreen America	N
8706129	Containership	1992	PAN	53,274	18.5	1		3753	TEU	Aux	4,697	Evergreen America	N
8706129	Containership	1992	PAN	53,274	18.5	1		3753	TEU	Auxiliary Boiler	500	Evergreen America	N
8706129	Containership	1992	PAN	53,274	18.5	1		3753	TEU	Main	18,946	Evergreen America	N
8706179	Tanker	1995	MHL	40,085	14.5	1		0	TEU	Aux	3,049	OSG Ship Mgmt.	N
8706179	Tanker	1995	MHL	40,085	14.5	1		0	TEU	Auxiliary Boiler	3,000	OSG Ship Mgmt.	N
8706179	Tanker	1995	MHL	40,085	14.5	1		0	TEU	Main	6,255	OSG Ship Mgmt.	N
8708907	Auto Carrier	1993	PAN	13,162	19	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8708907	Auto Carrier	1993	PAN	13,162	19	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8708907	Auto Carrier	1993	PAN	13,162	19	1		0	TEU	Main	10,665	Mitsui Bulkship	N
8709286	Tanker	1995	SGP	40,257	14.5	1		0	TEU	Aux	3,049	Mansel	N
8709286	Tanker	1995	SGP	40,257	14.5	1		0	TEU	Auxiliary Boiler	3,000	Mansel	N
8709286	Tanker	1995	SGP	40,257	14.5	1		0	TEU	Main	8,064	Mansel	N
8710704	Containership	1992	USA	51,437	23.6	1		3502	TEU	Aux	5,400	ASM	N
8710704	Containership	1992	USA	51,437	23.6	1		3502	TEU	Auxiliary Boiler	500	ASM	N
8710704	Containership	1992	USA	51,437	23.6	1		3502	TEU	Main	31,112	ASM	N
8710716	Containership	1992	SGP	51,534	23.6	1		3502	TEU	Aux	5,400	ASM	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8710716	Containership	1992	SGP	51,534	23.6	1		3502	TEU	Auxiliary Boiler	500	ASM	N
8710716	Containership	1992	SGP	51,534	23.6	1		3502	TEU	Main	31,112	ASM	N
8710895	Auto Carrier	1993	PAN	18,701	19.2	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
8710895	Auto Carrier	1993	PAN	18,701	19.2	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
8710895	Auto Carrier	1993	PAN	18,701	19.2	1		0	TEU	Main	11,694	Mitsui Bulkship	N
8713574	Reefer	1991	LBR	9,867	20	1		248	TEU	Aux	3,480	Pacific Voyages	N
8713574	Reefer	1991	LBR	9,867	20	1		248	TEU	Auxiliary Boiler	464	Pacific Voyages	N
8713574	Reefer	1991	LBR	9,867	20	1		248	TEU	Main	9,745	Pacific Voyages	N
8713586	Reefer	1991	BHS	9,867	20	1		248	TEU	Aux	3,480	CSAV Reefers	N
8713586	Reefer	1991	BHS	9,867	20	1		248	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8713586	Reefer	1991	BHS	9,867	20	1		248	TEU	Main	9,745	CSAV Reefers	N
8713598	Reefer	1990	IOM	9,867	20	1		248	TEU	Aux	3,480	NYK LauritzenCool	N
8713598	Reefer	1990	IOM	9,867	20	1		248	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
8713598	Reefer	1990	IOM	9,867	20	1		248	TEU	Main	9,745	NYK LauritzenCool	N
8713603	Reefer	1990	LBR	9,867	20	1		248	TEU	Aux	3,480	CSAV Reefers	N
8713603	Reefer	1990	LBR	9,867	20	1		248	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8713603	Reefer	1990	LBR	9,867	20	1		248	TEU	Main	9,745	CSAV Reefers	N
8718122	Containership	1992	CYP	49,262	22	1		3918	TEU	Aux	4,697	Norasia	N
8718122	Containership	1992	CYP	49,262	22	1		3918	TEU	Auxiliary Boiler	500	Norasia	N
8718122	Containership	1992	CYP	49,262	22	1		3918	TEU	Main	30,965	Norasia	N
8802909	Containership	1992	USA	51,534	23.6	1		3502	TEU	Aux	5,400	ASM	N
8802909	Containership	1992	USA	51,534	23.6	1		3502	TEU	Auxiliary Boiler	500	ASM	N
8802909	Containership	1992	USA	51,534	23.6	1		3502	TEU	Main	31,112	ASM	N
8803410	Containership	1999	GBR	59,285	23.1	1	5	4180	TEU	Aux	6,697	Maersk Pacific	N
8803410	Containership	1999	GBR	59,285	23.1	1	5	4180	TEU	Auxiliary Boiler	500	Maersk Pacific	N
8803410	Containership	1999	GBR	59,285	23.1	1	5	4180	TEU	Main	29,418	Maersk Pacific	N
8805004	Tanker	1995	MHL	41,570	14.2	1		0	TEU	Aux	3,049	OSG Ship Mgmt.	N
8805004	Tanker	1995	MHL	41,570	14.2	1		0	TEU	Auxiliary Boiler	3,000	OSG Ship Mgmt.	N
8805004	Tanker	1995	MHL	41,570	14.2	1		0	TEU	Main	6,987	OSG Ship Mgmt.	N
8805470	Tanker	1990	MLT	40,392	15	1	5	0	TEU	Aux	1,976	ST Shipping & Transport	N
8805470	Tanker	1990	MLT	40,392	15	1	5	0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
8805470	Tanker	1990	MLT	40,392	15	1	5	0	TEU	Main	7,650	ST Shipping & Transport	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8807375	General Cargo	1990	BHS	2,700	12.5	1	4	256	TEU	Aux	765	Scantrans	N
8807375	General Cargo	1990	BHS	2,700	12.5	1	4	256	TEU	Auxiliary Boiler	371	Scantrans	N
8807375	General Cargo	1990	BHS	2,700	12.5	1	4	256	TEU	Main	1,692	Scantrans	N
8807727	Containership	1991	LBR	47,523	20.5	1		3604	TEU	Aux	4,697	Yang Ming America	N
8807727	Containership	1991	LBR	47,523	20.5	1		3604	TEU	Auxiliary Boiler	500	Yang Ming America	N
8807727	Containership	1991	LBR	47,523	20.5	1		3604	TEU	Main	20,078	Yang Ming America	N
8807739	Containership	1992	LBR	46,785	20.5	1		3604	TEU	Aux	4,800	Yang Ming America	N
8807739	Containership	1992	LBR	46,785	20.5	1		3604	TEU	Auxiliary Boiler	500	Yang Ming America	N
8807739	Containership	1992	LBR	46,785	20.5	1		3604	TEU	Main	20,078	Yang Ming America	N
8807741	Containership	1992	LBR	47,998	20.5	1		3604	TEU	Aux	4,697	Yang Ming America	N
8807741	Containership	1992	LBR	47,998	20.5	1		3604	TEU	Auxiliary Boiler	500	Yang Ming America	N
8807741	Containership	1992	LBR	47,998	20.5	1		3604	TEU	Main	20,078	Yang Ming America	N
8816168	Reefer	1991	BHS	12,714	20	1		362	TEU	Aux	3,480	CSAV Reefers	N
8816168	Reefer	1991	BHS	12,714	20	1		362	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8816168	Reefer	1991	BHS	12,714	20	1		362	TEU	Main	10,113	CSAV Reefers	N
8816170	Reefer	1991	BHS	12,700	20	1		362	TEU	Aux	3,480	CSAV Reefers	N
8816170	Reefer	1991	BHS	12,700	20	1		362	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8816170	Reefer	1991	BHS	12,700	20	1		362	TEU	Main	10,113	CSAV Reefers	N
8818972	Reefer	1990	CYM	6,686	18.3	1		0	TEU	Aux	3,480	CSAV Reefers	N
8818972	Reefer	1990	CYM	6,686	18.3	1		0	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8818972	Reefer	1990	CYM	6,686	18.3	1		0	TEU	Main	5,994	CSAV Reefers	N
8819500	Cruise	1991	BHS	8,600	20	4		0	TEU	Aux	4,319	Royal Caribbean Cruise Li	N
8819500	Cruise	1991	BHS	8,600	20	4		0	TEU	Auxiliary Boiler	1,000	Royal Caribbean Cruise Li	N
8819500	Cruise	1991	BHS	8,600	20	4		0	TEU	Main	17,278	Royal Caribbean Cruise Li	N
8819964	Containership	1991	DNK	60,350	24	1	4	4437	TEU	Aux	7,155	Maersk Pacific	N
8819964	Containership	1991	DNK	60,350	24	1	4	4437	TEU	Auxiliary Boiler	500	Maersk Pacific	N
8819964	Containership	1991	DNK	60,350	24	1	4	4437	TEU	Main	42,421	Maersk Pacific	N
8821864	Reefer	1991	BHS	9,157	19.5	1		58	TEU	Aux	3,480	CSAV Reefers	N
8821864	Reefer	1991	BHS	9,157	19.5	1		58	TEU	Auxiliary Boiler	464	CSAV Reefers	N
8821864	Reefer	1991	BHS	9,157	19.5	1		58	TEU	Main	8,800	CSAV Reefers	N
8834586	Bulk	1990	CYP	52,580	14.5	1		0	TEU	Aux	2,028	BHP	N
8834586	Bulk	1990	CYP	52,580	14.5	1		0	TEU	Auxiliary Boiler	109	BHP	N



Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8834586	Bulk	1990	CYP	52,580	14.5	1		0	TEU	Main	9,493	BHP	N
8901793	Bulk	1995	MLT	43,665	14	1		1082	TEU	Aux	2,028	Korea Line Corp.	N
8901793	Bulk	1995	MLT	43,665	14	1		1082	TEU	Auxiliary Boiler	109	Korea Line Corp.	N
8901793	Bulk	1995	MLT	43,665	14	1		1082	TEU	Main	7,120	Korea Line Corp.	N
8902448	Bulk	1990	CYP	42,263	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
8902448	Bulk	1990	CYP	42,263	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
8902448	Bulk	1990	CYP	42,263	14	1		0	TEU	Main	8,377	STX Panocean Shpg.	N
8907589	Tanker	1990	PAN	17,845	14.3	1		0	TEU	Aux	3,049	Tokmar	N
8907589	Tanker	1990	PAN	17,845	14.3	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
8907589	Tanker	1990	PAN	17,845	14.3	1		0	TEU	Main	5,075	Tokmar	N
8907876	Reefer	1990	BHS	12,974	18.5	1		306	TEU	Aux	3,480	NYK LauritzenCool	N
8907876	Reefer	1990	BHS	12,974	18.5	1		306	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
8907876	Reefer	1990	BHS	12,974	18.5	1		306	TEU	Main	6,419	NYK LauritzenCool	N
8911102	Reefer	1990	LBR	9,683	18.3	1		0	TEU	Aux	3,480	NYK LauritzenCool	N
8911102	Reefer	1990	LBR	9,683	18.3	1		0	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
8911102	Reefer	1990	LBR	9,683	18.3	1		0	TEU	Main	7,944	NYK LauritzenCool	N
8912247	Containership	1990	JPN	59,045	23.9	1		3796	TEU	Aux	4,697	MOL	N
8912247	Containership	1990	JPN	59,045	23.9	1		3796	TEU	Auxiliary Boiler	500	MOL	N
8912247	Containership	1990	JPN	59,045	23.9	1		3796	TEU	Main	34,421	MOL	N
8913136	Containership	1990	PAN	59,089	23	1		3807	TEU	Aux	4,697	MOL	N
8913136	Containership	1990	PAN	59,089	23	1		3807	TEU	Auxiliary Boiler	500	MOL	N
8913136	Containership	1990	PAN	59,089	23	1		3807	TEU	Main	36,672	MOL	N
8913435	Containership	1992	LBR	46,600	21	1	4	3005	TEU	Aux	3,041	Zim Cont. Svc.	N
8913435	Containership	1992	LBR	46,600	21	1	4	3005	TEU	Auxiliary Boiler	500	Zim Cont. Svc.	N
8913435	Containership	1992	LBR	46,600	21	1	4	3005	TEU	Main	21,698	Zim Cont. Svc.	N
8913459	Containership	1992	LBR	46,975	21	1	4	3005	TEU	Aux	3,041	Zim Cont. Svc.	N
8913459	Containership	1992	LBR	46,975	21	1	4	3005	TEU	Auxiliary Boiler	500	Zim Cont. Svc.	N
8913459	Containership	1992	LBR	46,975	21	1	4	3005	TEU	Main	21,698	Zim Cont. Svc.	N
8913461	Containership	1992	LBR	47,120	21	1		3005	TEU	Aux	4,697	Zim Cont. Svc.	N
8913461	Containership	1992	LBR	47,120	21	1		3005	TEU	Auxiliary Boiler	500	Zim Cont. Svc.	N
8913461	Containership	1992	LBR	47,120	21	1		3005	TEU	Main	21,698	Zim Cont. Svc.	N
8913605	Tanker	1992	CYP	47,059	14.5	1		0	TEU	Aux	3,049	Vitol S.A. Inc.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8913605	Tanker	1992	CYP	47,059	14.5	1		0	TEU	Auxiliary Boiler	3,000	Vitol S.A. Inc.	N
8913605	Tanker	1992	CYP	47,059	14.5	1		0	TEU	Main	7,465	Vitol S.A. Inc.	N
8913629	Tanker	1992	CYP	47,081	14.5	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
8913629	Tanker	1992	CYP	47,081	14.5	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
8913629	Tanker	1992	CYP	47,081	14.5	1		0	TEU	Main	7,465	ST Shipping & Transport	N
8913631	Tanker	1992	CYP	47,070	14.5	1		0	TEU	Aux	3,049	PMI Trading	N
8913631	Tanker	1992	CYP	47,070	14.5	1		0	TEU	Auxiliary Boiler	3,000	PMI Trading	N
8913631	Tanker	1992	CYP	47,070	14.5	1		0	TEU	Main	7,465	PMI Trading	N
8913667	Containership	1990	CYP	43,925	22.5	1		2932	TEU	Aux	4,870	Hanjin Shpg. Co.	N
8913667	Containership	1990	CYP	43,925	22.5	1		2932	TEU	Auxiliary Boiler	500	Hanjin Shpg. Co.	N
8913667	Containership	1990	CYP	43,925	22.5	1		2932	TEU	Main	24,455	Hanjin Shpg. Co.	N
8914714	Bulk	1990	PAN	27,879	14	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
8914714	Bulk	1990	PAN	27,879	14	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
8914714	Bulk	1990	PAN	27,879	14	1		0	TEU	Main	5,150	Hyundai Mer. Marine	N
8915225	Bulk	1990	MHL	42,475	14	1		0	TEU	Aux	2,028	Oldendorff Carriers	N
8915225	Bulk	1990	MHL	42,475	14	1		0	TEU	Auxiliary Boiler	109	Oldendorff Carriers	N
8915225	Bulk	1990	MHL	42,475	14	1		0	TEU	Main	6,230	Oldendorff Carriers	N
8916267	Auto Carrier	1990	VUT	18,273	19.3	1		0	TEU	Aux	2,491	NYK Bulkship	N
8916267	Auto Carrier	1990	VUT	18,273	19.3	1		0	TEU	Auxiliary Boiler	321	NYK Bulkship	N
8916267	Auto Carrier	1990	VUT	18,273	19.3	1		0	TEU	Main	12,174	NYK Bulkship	N
8917467	Tanker	1992	GRC	45,425	14	1	4	0	TEU	Aux	1,928	Eletson Corp.	N
8917467	Tanker	1992	GRC	45,425	14	1	4	0	TEU	Auxiliary Boiler	3,000	Eletson Corp.	N
8917467	Tanker	1992	GRC	45,425	14	1	4	0	TEU	Main	6,764	Eletson Corp.	N
8917572	Reefer	1992	DNK	11,092	22.3	1		204	TEU	Aux	3,480	NYK LauritzenCool	N
8917572	Reefer	1992	DNK	11,092	22.3	1		204	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
8917572	Reefer	1992	DNK	11,092	22.3	1		204	TEU	Main	11,924	NYK LauritzenCool	N
8918277	General Cargo	1991	HKG	57,471	15	1	4	1688	TEU	Aux	1,871	Saga Forest Carriers	N
8918277	General Cargo	1991	HKG	57,471	15	1	4	1688	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
8918277	General Cargo	1991	HKG	57,471	15	1	4	1688	TEU	Main	9,309	Saga Forest Carriers	N
8918289	Bulk	1991	HKG	57,471	15	1	4	1688	TEU	Aux	2,501	Saga Forest Carriers	N
8918289	Bulk	1991	HKG	57,471	15	1	4	1688	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
8918289	Bulk	1991	HKG	57,471	15	1	4	1688	TEU	Main	9,309	Saga Forest Carriers	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
8918825	Containership	1991	GBR	38,953	23.4	1		3103	TEU	Aux	4,697	NYK Line	N
8918825	Containership	1991	GBR	38,953	23.4	1		3103	TEU	Auxiliary Boiler	500	NYK Line	N
8918825	Containership	1991	GBR	38,953	23.4	1		3103	TEU	Main	33,097	NYK Line	N
8918837	Containership	1991	PAN	38,997	23.4	1		3103	TEU	Aux	4,800	NYK Line	N
8918837	Containership	1991	PAN	38,997	23.4	1		3103	TEU	Auxiliary Boiler	500	NYK Line	N
8918837	Containership	1991	PAN	38,997	23.4	1		3103	TEU	Main	33,097	NYK Line	N
8919269	Cruise	1994	NLD	7,447	20	5	2	0	TEU	Aux	6,911	Holland America	N
8919269	Cruise	1994	NLD	7,447	20	5	2	0	TEU	Auxiliary Boiler	1,000	Holland America	N
8919269	Cruise	1994	NLD	7,447	20	5	2	0	TEU	Main	27,646	Holland America	N
8921834	Bulk	1991	MLT	42,004	14.6	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
8921834	Bulk	1991	MLT	42,004	14.6	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
8921834	Bulk	1991	MLT	42,004	14.6	1		0	TEU	Main	6,230	STX Panocean Shpg.	N
8963698	Cruise	1997	USA		13	2		0	TEU	Aux	441	Cruise West	N
8963698	Cruise	1997	USA		13	2		0	TEU	Auxiliary Boiler	1,000	Cruise West	N
8963698	Cruise	1997	USA		13	2		0	TEU	Main	1,765	Cruise West	N
9001590	Tanker	1993	MHL	68,600	13.7	1	4	0	TEU	Aux	2,095	Cape Tankers	N
9001590	Tanker	1993	MHL	68,600	13.7	1	4	0	TEU	Auxiliary Boiler	3,000	Cape Tankers	N
9001590	Tanker	1993	MHL	68,600	13.7	1	4	0	TEU	Main	8,995	Cape Tankers	N
9006631	Containership	1992	PAN	58,986	23.9	1		4082	TEU	Aux	7,434	MOL	N
9006631	Containership	1992	PAN	58,986	23.9	1		4082	TEU	Auxiliary Boiler	500	MOL	N
9006631	Containership	1992	PAN	58,986	23.9	1		4082	TEU	Main	34,421	MOL	N
9007489	Reefer	1991	DNK	16,950	19	1		480	TEU	Aux	3,480	CSAV Reefers	N
9007489	Reefer	1991	DNK	16,950	19	1		480	TEU	Auxiliary Boiler	464	CSAV Reefers	N
9007489	Reefer	1991	DNK	16,950	19	1		480	TEU	Main	11,311	CSAV Reefers	N
9007976	Tanker	1995	LBR	68,147	14.6				TEU	Aux	3,049	Adam Maritime	N
9007976	Tanker	1995	LBR	68,147	14.6				TEU	Auxiliary Boiler	3,000	Adam Maritime	N
9007976	Tanker	1995	LBR	68,147	14.6				TEU	Main	6,242	Adam Maritime	N
9014066	General Cargo	1994	HKG	47,069	15	1	4	0	TEU	Aux	1,871	Saga Forest Carriers	N
9014066	General Cargo	1994	HKG	47,069	15	1	4	0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9014066	General Cargo	1994	HKG	47,069	15	1	4	0	TEU	Main	9,309	Saga Forest Carriers	N
9014078	Bulk	1994	HKG	47,029	15	1		1688	TEU	Aux	2,028	Saga Forest Carriers	N
9014078	Bulk	1994	HKG	47,029	15	1		1688	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9014078	Bulk	1994	HKG	47,029	15	1		1688	TEU	Main	8,951	Saga Forest Carriers	N
9015369	Containership	1992	GBR	61,152	24.5	1	5	4651	TEU	Aux	7,327	HASA	N
9015369	Containership	1992	GBR	61,152	24.5	1	5	4651	TEU	Auxiliary Boiler	500	HASA	N
9015369	Containership	1992	GBR	61,152	24.5	1	5	4651	TEU	Main	49,337	HASA	N
9015371	Containership	1992	GBR	61,152	24.5	1	5	4651	TEU	Aux	7,327	HASA	N
9015371	Containership	1992	GBR	61,152	24.5	1	5	4651	TEU	Auxiliary Boiler	500	HASA	N
9015371	Containership	1992	GBR	61,152	24.5	1	5	4651	TEU	Main	49,337	HASA	N
9017020	Containership	1991	GBR	39,398	23.4	1		3054	TEU	Aux	4,697	NYK Bulkship	N
9017020	Containership	1991	GBR	39,398	23.4	1		3054	TEU	Auxiliary Boiler	500	NYK Bulkship	N
9017020	Containership	1991	GBR	39,398	23.4	1		3054	TEU	Main	34,421	NYK Bulkship	N
9017032	Containership	1992	GBR	39,424	23.4	1		3054	TEU	Aux	4,697	NYK Line	N
9017032	Containership	1992	GBR	39,424	23.4	1		3054	TEU	Auxiliary Boiler	500	NYK Line	N
9017032	Containership	1992	GBR	39,424	23.4	1		3054	TEU	Main	34,421	NYK Line	N
9017044	Containership	1992	PAN	39,394	23.4	1		3608	TEU	Aux	4,500	NYK Line	N
9017044	Containership	1992	PAN	39,394	23.4	1		3608	TEU	Auxiliary Boiler	500	NYK Line	N
9017044	Containership	1992	PAN	39,394	23.4	1		3608	TEU	Main	34,421	NYK Line	N
9035981	Containership	1992	GRC	61,152	25	1		4651	TEU	Aux	7,434	HASA	N
9035981	Containership	1992	GRC	61,152	25	1		4651	TEU	Auxiliary Boiler	500	HASA	N
9035981	Containership	1992	GRC	61,152	25	1		4651	TEU	Main	49,337	HASA	N
9036002	Containership	1992	GBR	61,153	26.3	1	5	4651	TEU	Aux	7,327	HASA	N
9036002	Containership	1992	GBR	61,153	26.3	1	5	4651	TEU	Auxiliary Boiler	500	HASA	N
9036002	Containership	1992	GBR	61,153	26.3	1	5	4651	TEU	Main	49,303	HASA	N
9045481	Tanker	1994	IND	45,134	14.5	1		0	TEU	Aux	3,049	Heidenreich Marine	N
9045481	Tanker	1994	IND	45,134	14.5	1		0	TEU	Auxiliary Boiler	3,000	Heidenreich Marine	N
9045481	Tanker	1994	IND	45,134	14.5	1		0	TEU	Main	7,719	Heidenreich Marine	N
9047013	Bulk	1993	BHS	26,465	14.4	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9047013	Bulk	1993	BHS	26,465	14.4	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9047013	Bulk	1993	BHS	26,465	14.4	1		0	TEU	Main	5,737	Hyundai Mer. Marine	N
9047257	Reefer	1993	PAN	8,045	19.3	1		12	TEU	Aux	3,480	Pacific Voyages	N
9047257	Reefer	1993	PAN	8,045	19.3	1		12	TEU	Auxiliary Boiler	464	Pacific Voyages	N
9047257	Reefer	1993	PAN	8,045	19.3	1		12	TEU	Main	7,061	Pacific Voyages	N
9047506	Tanker	1995	NOR	37,252	15	1		0	TEU	Aux	3,049	Odfjell	N



Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9047506	Tanker	1995	NOR	37,252	15	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9047506	Tanker	1995	NOR	37,252	15	1		0	TEU	Main	10,404	Odfjell	N
9055462	Containership	1994	PAN	58,912	23.2	1		4229	TEU	Aux	6,800	Evergreen America	N
9055462	Containership	1994	PAN	58,912	23.2	1		4229	TEU	Auxiliary Boiler	500	Evergreen America	N
9055462	Containership	1994	PAN	58,912	23.2	1		4229	TEU	Main	34,421	Evergreen America	N
9056284	Containership	1993	LBR	21,570	20.3	1		1661	TEU	Aux	2,753	US Lines	N
9056284	Containership	1993	LBR	21,570	20.3	1		1661	TEU	Auxiliary Boiler	500	US Lines	N
9056284	Containership	1993	LBR	21,570	20.3	1		1661	TEU	Main	12,499	US Lines	N
9060235	Bulk	1993	KOR	28,500	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9060235	Bulk	1993	KOR	28,500	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9060235	Bulk	1993	KOR	28,500	14	1		0	TEU	Main	5,884	STX Panocean Shpg.	N
9061112	Containership	1995	PAN	58,912	23.2	1		4229	TEU	Aux	7,434	Evergreen America	N
9061112	Containership	1995	PAN	58,912	23.2	1		4229	TEU	Auxiliary Boiler	500	Evergreen America	N
9061112	Containership	1995	PAN	58,912	23.2	1		4229	TEU	Main	34,421	Evergreen America	N
9061136	Containership	1995	PAN	58,912	23.2	1		4229	TEU	Aux	7,434	Evergreen America	N
9061136	Containership	1995	PAN	58,912	23.2	1		4229	TEU	Auxiliary Boiler	500	Evergreen America	N
9061136	Containership	1995	PAN	58,912	23.2	1		4229	TEU	Main	34,421	Evergreen America	N
9062702	Tanker	1993	PAN	17,712	15.4	1		0	TEU	Aux	3,049	Tokmar	N
9062702	Tanker	1993	PAN	17,712	15.4	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9062702	Tanker	1993	PAN	17,712	15.4	1		0	TEU	Main	7,061	Tokmar	N
9064334	Containership	1995	LBR	30,743	19.5	1		2063	TEU	Aux	4,870	Hamburg Sud	N
9064334	Containership	1995	LBR	30,743	19.5	1		2063	TEU	Auxiliary Boiler	500	Hamburg Sud	N
9064334	Containership	1995	LBR	30,743	19.5	1		2063	TEU	Main	17,961	Hamburg Sud	N
9065625	Containership	1994	BHS	61,152	24.5	1		4651	TEU	Aux	7,434	MOL	N
9065625	Containership	1994	CYP	61,152	24.5	1		4651	TEU	Aux	7,434	MOL	N
9065625	Containership	1994	BHS	61,152	24.5	1		4651	TEU	Auxiliary Boiler	500	MOL	N
9065625	Containership	1994	CYP	61,152	24.5	1		4651	TEU	Auxiliary Boiler	500	MOL	N
9065625	Containership	1994	BHS	61,152	24.5	1		4651	TEU	Main	49,296	MOL	N
9065625	Containership	1994	CYP	61,152	24.5	1		4651	TEU	Main	49,296	MOL	N
9066667	Cruise	1995	BHS	4,500	21	6	1	0	TEU	Aux	7,266	Crystal Cruises	N
9066667	Cruise	1995	BHS	4,500	21	6	1	0	TEU	Auxiliary Boiler	1,000	Crystal Cruises	N
9066667	Cruise	1995	BHS	4,500	21	6	1	0	TEU	Main	29,062	Crystal Cruises	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9066760	Bulk	1994	LBR	38,858	13	1		0	TEU	Aux	2,028	Ekko Chartering	N
9066760	Bulk	1994	LBR	38,858	13	1		0	TEU	Auxiliary Boiler	109	Ekko Chartering	N
9066760	Bulk	1994	LBR	38,858	13	1		0	TEU	Main	5,810	Ekko Chartering	N
9070424	Bulk	1994	LBR	26,441	14.2	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9070424	Bulk	1994	LBR	26,441	14.2	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9070424	Bulk	1994	LBR	26,441	14.2	1		0	TEU	Main	5,825	Hyundai Mer. Marine	N
9070735	Bulk	1995	BHS	43,108	14.4	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9070735	Bulk	1995	BHS	43,108	14.4	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9070735	Bulk	1995	BHS	43,108	14.4	1		0	TEU	Main	7,649	Hyundai Mer. Marine	N
9070785	Bulk	1994	BHS	43,216	15	1		0	TEU	Aux	2,028	Hyundai Tramper	N
9070785	Bulk	1994	BHS	43,216	15	1		0	TEU	Auxiliary Boiler	109	Hyundai Tramper	N
9070785	Bulk	1994	BHS	43,216	15	1		0	TEU	Main	7,980	Hyundai Tramper	N
9071557	General Cargo	1994	NOR	46,580	16.3	1		1950	TEU	Aux	2,110	Grieg Billabong	N
9071557	General Cargo	1994	NOR	46,580	16.3	1		1950	TEU	Auxiliary Boiler	371	Grieg Billabong	N
9071557	General Cargo	1994	NOR	46,580	16.3	1		1950	TEU	Main	10,518	Grieg Billabong	N
9071727	Bulk	1994	CYP	52,370	14.5	1		0	TEU	Aux	2,028	BHP	N
9071727	Bulk	1994	CYP	52,370	14.5	1		0	TEU	Auxiliary Boiler	109	BHP	N
9071727	Bulk	1994	CYP	52,370	14.5	1		0	TEU	Main	9,488	BHP	N
9073672	Bulk	1995	PAN	26,758	14	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9073672	Bulk	1995	PAN	26,758	14	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9073672	Bulk	1995	PAN	26,758	14	1		0	TEU	Main	5,296	Hyundai Mer. Marine	N
9074078	General Cargo	1994	HKG	47,053	15	1		1688	TEU	Aux	2,110	Saga Forest Carriers	N
9074078	General Cargo	1994	HKG	47,053	15	1		1688	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9074078	General Cargo	1994	HKG	47,053	15	1		1688	TEU	Main	8,951	Saga Forest Carriers	N
9074389	Containership	1995	USA	66,520	24.5	1		5108	TEU	Aux	6,630	ASM	N
9074389	Containership	1995	USA	66,520	24.5	1		5108	TEU	Auxiliary Boiler	500	ASM	N
9074389	Containership	1995	USA	66,520	24.5	1		5108	TEU	Main	48,836	ASM	Y
9074391	Containership	1995	SGP	66,300	24.5	1		5108	TEU	Aux	8,361	ASM	N
9074391	Containership	1995	SGP	66,300	24.5	1		5108	TEU	Auxiliary Boiler	500	ASM	N
9074391	Containership	1995	SGP	66,300	24.5	1		5108	TEU	Main	48,836	ASM	N
9074535	Containership	1995	USA	66,300	24.5	1		5108	TEU	Aux	6,630	ASM	N
9074535	Containership	1995	USA	66,300	24.5	1		5108	TEU	Auxiliary Boiler	500	ASM	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9074535	Containership	1995	USA	66,300	24.5	1		5108	TEU	Main	48,836	ASM	Y
9074547	Containership	1995	USA	66,300	24.5	1		5108	TEU	Aux	6,630	ASM	N
9074547	Containership	1995	USA	66,300	24.5	1		5108	TEU	Auxiliary Boiler	500	ASM	N
9074547	Containership	1995	USA	66,300	24.5	1		5108	TEU	Main	48,836	ASM	Y
9074688	Bulk	1994	GRC	71,756	15	1		0	TEU	Aux	2,028	Armada Shpg.	N
9074688	Bulk	1994	GRC	71,756	16.3	1		0	TEU	Aux	2,028	Armada Shpg.	N
9074688	Bulk	1994	GRC	71,756	15	1		0	TEU	Auxiliary Boiler	109	Armada Shpg.	N
9074688	Bulk	1994	GRC	71,756	16.3	1		0	TEU	Auxiliary Boiler	109	Armada Shpg.	N
9074688	Bulk	1994	GRC	71,756	15	1		0	TEU	Main	9,003	Armada Shpg.	N
9074688	Bulk	1994	GRC	71,756	16.3	1		0	TEU	Main	9,003	Armada Shpg.	N
9076387	Bulk	1994	PAN	27,308	14.1	1		0	TEU	Aux	2,028	Cargil Int'l S.A.	N
9076387	Bulk	1994	PAN	27,308	14.1	1		0	TEU	Auxiliary Boiler	109	Cargil Int'l S.A.	N
9076387	Bulk	1994	PAN	27,308	14.1	1		0	TEU	Main	5,369	Cargil Int'l S.A.	N
9077123	Containership	1995	USA	66,520	24.5	1		5108	TEU	Aux	6,630	ASM	N
9077123	Containership	1995	USA	66,520	24.5	1		5108	TEU	Auxiliary Boiler	500	ASM	N
9077123	Containership	1995	USA	66,520	24.5	1		5108	TEU	Main	48,836	ASM	Y
9077276	Containership	1996	USA	66,300	24.5	1		5108	TEU	Aux	6,630	ASM	N
9077276	Containership	1996	USA	66,300	24.5	1		5108	TEU	Auxiliary Boiler	500	ASM	N
9077276	Containership	1996	USA	66,300	24.5	1		5108	TEU	Main	48,836	ASM	Y
9077393	Bulk	1994	PAN	43,815	14	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9077393	Bulk	1994	PAN	43,815	14	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9077393	Bulk	1994	PAN	43,815	14	1		0	TEU	Main	8,289	Western Bulk Carriers	N
9077458	Containership	1995	SGP	65,598	24.5	1		4391	TEU	Aux	7,434	MOL	N
9077458	Containership	1995	SGP	65,598	24.5	1		4391	TEU	Auxiliary Boiler	500	MOL	N
9077458	Containership	1995	SGP	65,598	24.5	1		4391	TEU	Main	43,174	MOL	N
9079119	Bulk	1995	SGP	44,251	16	1		1928	TEU	Aux	2,028	Star Shipping	N
9079119	Bulk	1995	SGP	44,251	16	1		1928	TEU	Auxiliary Boiler	109	Star Shipping	N
9079119	Bulk	1995	SGP	44,251	16	1		1928	TEU	Main	11,503	Star Shipping	N
9081203	Containership	1995	SGP	66,647	24.5	1		4391	TEU	Aux	7,000	ASM	N
9081203	Containership	1995	SGP	66,647	24.5	1		4391	TEU	Auxiliary Boiler	500	ASM	N
9081203	Containership	1995	SGP	66,647	24.5	1		4391	TEU	Main	43,174	ASM	Y
9081215	Containership	1996	SGP	66,511	24.5	1		4729	TEU	Aux	7,434	MOL	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9081215	Containership	1996	SGP	66,511	24.5	1		4729	TEU	Auxiliary Boiler	500	MOL	N
9081215	Containership	1996	SGP	66,511	24.5	1		4729	TEU	Main	43,174	MOL	N
9081801	General Cargo	1995	SGP	44,251	15.6	1		1928	TEU	Aux	2,110	Star Shipping	N
9081801	General Cargo	1995	SGP	44,251	15.6	1		1928	TEU	Auxiliary Boiler	371	Star Shipping	N
9081801	General Cargo	1995	SGP	44,251	15.6	1		1928	TEU	Main	11,502	Star Shipping	N
9082336	Containership	1996	SGP	60,323	24.5	1		4434	TEU	Aux	7,434	MOL	N
9082336	Containership	1996	SGP	60,323	24.5	1		4434	TEU	Auxiliary Boiler	500	MOL	N
9082336	Containership	1996	SGP	60,323	24.5	1		4434	TEU	Main	40,526	MOL	N
9082348	Containership	1996	SGP	60,323	24.5	1		4434	TEU	Aux	4,200	ASM	N
9082348	Containership	1996	SGP	60,323	24.5	1		4434	TEU	Auxiliary Boiler	500	ASM	N
9082348	Containership	1996	SGP	60,323	24.5	1		4434	TEU	Main	40,526	ASM	N
9085522	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Aux	14,081	Maersk Pacific	N
9085522	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9085522	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Main	54,835	Maersk Pacific	N
9085534	Containership	1996	DNK	84,900	24.6	1	5	6418	TEU	Aux	14,081	Maersk Pacific	N
9085534	Containership	1996	DNK	84,900	24.6	1	5	6418	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9085534	Containership	1996	DNK	84,900	24.6	1	5	6418	TEU	Main	54,855	Maersk Pacific	Y
9085546	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Aux	14,081	Maersk Pacific	N
9085546	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9085546	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Main	54,855	Maersk Pacific	N
9085558	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Aux	14,081	Maersk Pacific	N
9085558	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9085558	Containership	1996	DNK	84,900	25	1	5	6418	TEU	Main	54,835	Maersk Pacific	Y
9085560	Containership	1997	DNK	84,900	25	1	5	6418	TEU	Aux	14,111	Maersk Pacific	N
9085560	Containership	1997	DNK	84,900	25	1	5	6418	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9085560	Containership	1997	DNK	84,900	25	1	5	6418	TEU	Main	54,835	Maersk Pacific	Y
9085948	Bulk	1995	ITA	75,264	14.5	1		0	TEU	Aux	2,028	Bottiglieri Di Navigazione	N
9085948	Bulk	1995	ITA	75,264	14.5	1		0	TEU	Auxiliary Boiler	109	Bottiglieri Di Navigazione	N
9085948	Bulk	1995	ITA	75,264	14.5	1		0	TEU	Main	11,106	Bottiglieri Di Navigazione	N
9086318	Bulk	1996	BHS	26,467	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9086318	Bulk	1996	BHS	26,467	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9086318	Bulk	1996	BHS	26,467	14	1		0	TEU	Main	6,074	STX Panocean Shpg.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9086928	Bulk	1995	TUR	74,137	14.5	1		0	TEU	Aux	2,028	Mitsui Bulkship	N
9086928	Bulk	1995	TUR	74,137	14.5	1		0	TEU	Auxiliary Boiler	109	Mitsui Bulkship	N
9086928	Bulk	1995	TUR	74,137	14.5	1		0	TEU	Main	8,898	Mitsui Bulkship	N
9088110	Containership	1994	PAN	57,904	23.2	1		4229	TEU	Aux	7,434	Evergreen America	N
9088110	Containership	1994	PAN	57,904	23.2	1		4229	TEU	Auxiliary Boiler	500	Evergreen America	N
9088110	Containership	1994	PAN	57,904	23.2	1		4229	TEU	Main	34,421	Evergreen America	N
9100073	Bulk	1995	SGP	44,251	14.5	1		1928	TEU	Aux	2,028	Star Shipping	N
9100073	Bulk	1995	SGP	44,251	14.5	1		1928	TEU	Auxiliary Boiler	109	Star Shipping	N
9100073	Bulk	1995	SGP	44,251	14.5	1		1928	TEU	Main	11,474	Star Shipping	N
9100097	Bulk	1995	BHS	43,991	14	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9100097	Bulk	1995	BHS	43,991	14	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9100097	Bulk	1995	BHS	43,991	14	1		0	TEU	Main	7,134	Western Bulk Carriers	N
9102289	Containership	1995	HKG	67,765	24.9	1		5344	TEU	Aux	6,300	OOCL (USA) Inc.	N
9102289	Containership	1995	HKG	67,765	24.9	1		5344	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9102289	Containership	1995	HKG	67,765	24.9	1		5344	TEU	Main	48,631	OOCL (USA) Inc.	N
9102485	General Cargo	1997	NOR	48,139	14.5	1		0	TEU	Aux	2,110	NYK Bulkship	N
9102485	General Cargo	1997	NOR	48,139	14.5	1		0	TEU	Auxiliary Boiler	371	NYK Bulkship	N
9102485	General Cargo	1997	NOR	48,139	14.5	1		0	TEU	Main	8,670	NYK Bulkship	N
9102992	Cruise	1996	NLD	6,604	20	5	2	0	TEU	Aux	6,784	Holland America	N
9102992	Cruise	1996	NLD	6,604	20	5	2	0	TEU	Auxiliary Boiler	1,000	Holland America	N
9102992	Cruise	1996	NLD	6,604	20	5	2	0	TEU	Main	27,138	Holland America	N
9103128	General Cargo	1995	NOR	46,580	16	1		1950	TEU	Aux	2,110	Star Shipping	N
9103128	General Cargo	1995	NOR	46,580	16	1		1950	TEU	Auxiliary Boiler	371	Star Shipping	N
9103128	General Cargo	1995	NOR	46,580	16	1		1950	TEU	Main	10,518	Star Shipping	N
9103130	Bulk	1998	NOR	46,604	16	1		1950	TEU	Aux	2,028	Star Shipping	N
9103130	Bulk	1998	NOR	46,604	16	1		1950	TEU	Auxiliary Boiler	109	Star Shipping	N
9103130	Bulk	1998	NOR	46,604	16	1		1950	TEU	Main	10,518	Star Shipping	N
9103180	Auto Carrier	1994	PAN	18,938	18.6	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9103180	Auto Carrier	1994	PAN	18,938	18.6	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9103180	Auto Carrier	1994	PAN	18,938	18.6	1		0	TEU	Main	11,694	Mitsui Bulkship	N
9103685	Containership	1996	GBR	60,200	23.1	1	4	4158	TEU	Aux	5,965	Maersk Pacific	N
9103685	Containership	1996	GBR	60,200	23.1	1	4	4158	TEU	Auxiliary Boiler	500	Maersk Pacific	N



Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9103685	Containership	1996	GBR	60,200	23.1	1	4	4158	TEU	Main	35,497	Maersk Pacific	N
9104158	Bulk	1994	VUT	26,472	14.4	1		0	TEU	Aux	2,028	Inui Shipping	N
9104158	Bulk	1994	VUT	26,472	14.4	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9104158	Bulk	1994	VUT	26,472	14.4	1		0	TEU	Main	5,441	Inui Shipping	N
9104562	Bulk	1995	GRC	45,621	14	1		0	TEU	Aux	2,028	Sims Hugo	N
9104562	Bulk	1995	GRC	45,621	14	1		0	TEU	Auxiliary Boiler	109	Sims Hugo	N
9104562	Bulk	1995	GRC	45,621	14	1		0	TEU	Main	8,561	Sims Hugo	N
9105918	Containership	1995	ATG	64,419	24.2	1		4306	TEU	Aux	7,434	Maersk Pacific	N
9105918	Containership	1995	ATG	64,419	24.2	1		4306	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9105918	Containership	1995	ATG	64,419	24.2	1		4306	TEU	Main	43,066	Maersk Pacific	N
9105932	Containership	1996	DNK	62,418	24.2	1	4	4306	TEU	Aux	6,765	Maersk Pacific	N
9105932	Containership	1996	DNK	62,418	24.2	1	4	4306	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9105932	Containership	1996	DNK	62,418	24.2	1	4	4306	TEU	Main	43,066	Maersk Pacific	Y
9106182	Containership	1995	USA	59,948	24	1		4082	TEU	Aux	6,600	Maersk Pacific	N
9106182	Containership	1995	USA	59,948	24	1		4082	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9106182	Containership	1995	USA	59,948	24	1		4082	TEU	Main	36,473	Maersk Pacific	N
9106209	Containership	1996	USA	59,840	24	1		4082	TEU	Aux	6,600	Maersk Pacific	N
9106209	Containership	1996	USA	59,840	24	1		4082	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9106209	Containership	1996	USA	59,840	24	1		4082	TEU	Main	36,473	Maersk Pacific	N
9107887	Containership	1997	DNK	90,456	25	1	5	6418	TEU	Aux	14,111	Maersk Pacific	N
9107887	Containership	1997	DNK	90,456	25	1	5	6418	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9107887	Containership	1997	DNK	90,456	25	1	5	6418	TEU	Main	54,835	Maersk Pacific	Y
9108166	Containership	1995	HKG	67,637	24.9	1		5344	TEU	Aux	6,300	OOCL (USA) Inc.	N
9108166	Containership	1995	HKG	67,637	24.9	1		5344	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9108166	Containership	1995	HKG	67,637	24.9	1		5344	TEU	Main	48,631	OOCL (USA) Inc.	N
9108178	Containership	1996	HKG	67,637	24.6	1		5344	TEU	Aux	8,361	OOCL (USA) Inc.	N
9108178	Containership	1996	HKG	67,637	24.6	1		5344	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9108178	Containership	1996	HKG	67,637	24.6	1		5344	TEU	Main	48,631	OOCL (USA) Inc.	N
9110315	Bulk	1995	KOR	27,209	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9110315	Bulk	1995	KOR	27,209	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9110315	Bulk	1995	KOR	27,209	14	1		0	TEU	Main	6,650	STX Panocean Shpg.	N
9110339	Bulk	1995	KOR	27,209	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9110339	Bulk	1995	KOR	27,209	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9110339	Bulk	1995	KOR	27,209	14	1		0	TEU	Main	6,656	STX Panocean Shpg.	N
9110341	Bulk	1996	KOR	27,209	14	1		0	TEU	Aux	2,028	Hanjin Shpg. Co.	N
9110341	Bulk	1996	KOR	27,209	14	1		0	TEU	Auxiliary Boiler	109	Hanjin Shpg. Co.	N
9110341	Bulk	1996	KOR	27,209	14	1		0	TEU	Main	5,479	Hanjin Shpg. Co.	N
9110626	Tanker	1995	LBR	35,622	15.5	1		0	TEU	Aux	3,049	Formosa Plastics Marine C	N
9110626	Tanker	1995	LBR	35,622	15.5	1		0	TEU	Auxiliary Boiler	3,000	Formosa Plastics Marine C	N
9110626	Tanker	1995	LBR	35,622	15.5	1		0	TEU	Main	9,047	Formosa Plastics Marine C	N
9110638	Tanker	1996	LBR	35,657	15.5	1		0	TEU	Aux	3,049	Formosa Plastics Marine C	N
9110638	Tanker	1996	LBR	35,657	15.5	1		0	TEU	Auxiliary Boiler	3,000	Formosa Plastics Marine C	N
9110638	Tanker	1996	LBR	35,657	15.5	1		0	TEU	Main	9,047	Formosa Plastics Marine C	N
9110640	Tanker	1996	LBR	35,621	15.5	1		0	TEU	Aux	3,049	Formosa Plastics Marine C	N
9110640	Tanker	1996	LBR	35,621	15.5	1		0	TEU	Auxiliary Boiler	3,000	Formosa Plastics Marine C	N
9110640	Tanker	1996	LBR	35,621	15.5	1		0	TEU	Main	9,047	Formosa Plastics Marine C	N
9111175	Tanker	1996	BHS	46,341	14	1	4	0	TEU	Aux	2,456	Mansel	N
9111175	Tanker	1996	BHS	46,341	14	1	4	0	TEU	Auxiliary Boiler	3,000	Mansel	N
9111175	Tanker	1996	BHS	46,341	14	1	4	0	TEU	Main	8,560	Mansel	N
9111606	Bulk	1995	PAN	24,345	14	1		429	TEU	Aux	2,028	Saga Forest Carriers	N
9111606	Bulk	1995	PAN	24,345	14	1		429	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9111606	Bulk	1995	PAN	24,345	14	1		429	TEU	Main	5,296	Saga Forest Carriers	N
9111931	Bulk	1995	CYP	45,320	15.2	1		0	TEU	Aux	2,028	Pacbasin	N
9111931	Bulk	1995	CYP	45,320	15.2	1		0	TEU	Auxiliary Boiler	109	Pacbasin	N
9111931	Bulk	1995	CYP	45,320	15.2	1		0	TEU	Main	7,392	Pacbasin	N
9112234	Tanker	1997	LBR	40,845	14.8	1		0	TEU	Aux	3,280	Westchart A/S	N
9112234	Tanker	1997	LBR	40,845	14.8	1		0	TEU	Auxiliary Boiler	3,000	Westchart A/S	N
9112234	Tanker	1997	LBR	40,845	14.8	1		0	TEU	Main	10,223	Westchart A/S	N
9113446	Containership	1996	ATG	18,335	19	1		1205	TEU	Aux	2,753	Mollar & Boppger GMBH	N
9113446	Containership	1996	ATG	18,335	19	1		1205	TEU	Auxiliary Boiler	500	Mollar & Boppger GMBH	N
9113446	Containership	1996	ATG	18,335	19	1		1205	TEU	Main	11,415	Mollar & Boppger GMBH	N
9113630	Containership	1996	DEU	44,510	22	1		3469	TEU	Aux	4,697	Norasia	N
9113630	Containership	1996	DEU	44,510	22	1		3469	TEU	Auxiliary Boiler	500	Norasia	N
9113630	Containership	1996	DEU	44,510	22	1		3469	TEU	Main	27,289	Norasia	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9115729	Containership	1996	DEU	44,765	24	1		3681	TEU	Aux	4,697	Evergreen America	N
9115729	Containership	1996	DEU	44,765	24	1		3681	TEU	Auxiliary Boiler	500	Evergreen America	N
9115729	Containership	1996	DEU	44,765	24	1		3681	TEU	Main	32,421	Evergreen America	N
9116553	Bulk	1995	PAN	45,304	14.5	1		0	TEU	Aux	2,028	MOL	N
9116553	Bulk	1995	PAN	45,304	14.5	1		0	TEU	Auxiliary Boiler	109	MOL	N
9116553	Bulk	1995	PAN	45,304	14.5	1		0	TEU	Main	8,561	MOL	N
9116577	Containership	1996	PAN	63,388	25	1		5364	TEU	Aux	8,361	Evergreen America	N
9116577	Containership	1996	PAN	63,388	25	1		5364	TEU	Auxiliary Boiler	500	Evergreen America	N
9116577	Containership	1996	PAN	63,388	25	1		5364	TEU	Main	48,631	Evergreen America	N
9116589	Containership	1996	PAN	63,309	25	1		5364	TEU	Aux	8,361	Evergreen America	N
9116589	Containership	1996	PAN	63,309	25	1		5364	TEU	Auxiliary Boiler	500	Evergreen America	N
9116589	Containership	1996	PAN	63,309	25	1		5364	TEU	Main	48,631	Evergreen America	N
9116606	Containership	1997	PAN	63,358	25	1		5364	TEU	Aux	7,080	Evergreen America	N
9116606	Containership	1997	PAN	63,358	25	1		5364	TEU	Auxiliary Boiler	500	Evergreen America	N
9116606	Containership	1997	PAN	63,358	25	1		5364	TEU	Main	48,631	Evergreen America	N
9116618	Containership	1997	PAN	63,377	25	1		5364	TEU	Aux	7,080	Evergreen America	N
9116618	Containership	1997	PAN	63,377	25	1		5364	TEU	Auxiliary Boiler	500	Evergreen America	N
9116618	Containership	1997	PAN	63,377	25	1		5364	TEU	Main	48,631	Evergreen America	N
9116644	Bulk	1995	LBR	49,052	14	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9116644	Bulk	1995	LBR	49,052	14	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9116644	Bulk	1995	LBR	49,052	14	1		0	TEU	Main	8,561	Western Bulk Carriers	N
9116656	Bulk	1996	LBR	49,047	14.5	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9116656	Bulk	1996	LBR	49,047	14.5	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9116656	Bulk	1996	LBR	49,047	14.5	1		0	TEU	Main	6,650	Western Bulk Carriers	N
9116876	Cruise	1998	BHS	6,300	22.3	4		0	TEU	Aux	10,079	Royal Caribbean Cruise Li	N
9116876	Cruise	1998	BHS	6,300	22.3	4		0	TEU	Auxiliary Boiler	1,000	Royal Caribbean Cruise Li	N
9116876	Cruise	1998	BHS	6,300	22.3	4		0	TEU	Main	40,317	Royal Caribbean Cruise Li	N
9117387	Bulk	1995	MHL	23,825	14	1		0	TEU	Aux	2,028	Inui Shipping	N
9117387	Bulk	1995	MHL	23,825	14	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9117387	Bulk	1995	MHL	23,825	14	1		0	TEU	Main	5,229	Inui Shipping	N
9117739	General Cargo	1996	HKG	49,755	16.4	1		2247	TEU	Aux	2,110	Saga Forest Carriers	N
9117739	General Cargo	1996	HKG	49,755	16.4	1		2247	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9117739	General Cargo	1996	HKG	49,755	16.4	1		2247	TEU	Main	12,129	Saga Forest Carriers	N
9117789	Bulk	1996	PAN	45,647	14	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9117789	Bulk	1996	PAN	45,647	14	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9117789	Bulk	1996	PAN	45,647	14	1		0	TEU	Main	8,561	Western Bulk Carriers	N
9117832	Bulk	1996	KOR	27,359	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9117832	Bulk	1996	KOR	27,359	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9117832	Bulk	1996	KOR	27,359	14	1		0	TEU	Main	5,479	STX Panocean Shpg.	N
9118422	Bulk	1995	MLT	45,694	14	1		0	TEU	Aux	2,028	Korea Line Corp.	N
9118422	Bulk	1995	MLT	45,694	14	1		0	TEU	Auxiliary Boiler	109	Korea Line Corp.	N
9118422	Bulk	1995	MLT	45,694	14	1		0	TEU	Main	7,171	Korea Line Corp.	N
9118563	Bulk	1997	HKG	28,814	14	1		0	TEU	Aux	2,028	NYK Bulkship	N
9118563	Bulk	1997	HKG	28,814	14	1		0	TEU	Auxiliary Boiler	109	NYK Bulkship	N
9118563	Bulk	1997	HKG	28,814	14	1		0	TEU	Main	6,156	NYK Bulkship	N
9118628	Tanker	1997	USA	46,095	14.5	1		0	TEU	Aux	3,049	Seariver Maritime	N
9118628	Tanker	1997	USA	46,095	14.5	1		0	TEU	Auxiliary Boiler	3,000	Seariver Maritime	N
9118628	Tanker	1997	USA	46,095	14.5	1		0	TEU	Main	7,943	Seariver Maritime	N
9118630	Tanker	1998	USA	46,094	14.5	1		0	TEU	Aux	3,049	Tesoro Maritime	N
9118630	Tanker	1998	USA	46,094	14.5	1		0	TEU	Auxiliary Boiler	3,000	Tesoro Maritime	N
9118630	Tanker	1998	USA	46,094	14.5	1		0	TEU	Main	8,056	Tesoro Maritime	N
9120853	Containership	1997	DNK	#####	24.6	1	6	7226	TEU	Aux	17,231	Maersk Pacific	N
9120853	Containership	1997	DNK	#####	24.6	1	6	7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9120853	Containership	1997	DNK	#####	24.6	1	6	7226	TEU	Main	54,835	Maersk Pacific	Y
9120865	Containership	1998	DNK	#####	24.6	1	6	7226	TEU	Aux	17,231	Maersk Pacific	N
9120865	Containership	1998	DNK	#####	24.6	1	6	7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9120865	Containership	1998	DNK	#####	24.6	1	6	7226	TEU	Main	54,835	Maersk Pacific	Y
9121297	General Cargo	1995	HKG	47,016	15	1		0	TEU	Aux	2,110	Saga Forest Carriers	N
9121297	General Cargo	1995	HKG	47,016	15	1		0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9121297	General Cargo	1995	HKG	47,016	15	1		0	TEU	Main	8,951	Saga Forest Carriers	N
9121730	Bulk	1997	HKG	47,000	14.5	1		0	TEU	Aux	2,028	Korea Line Corp.	N
9121730	Bulk	1997	HKG	47,000	14.5	1		0	TEU	Auxiliary Boiler	109	Korea Line Corp.	N
9121730	Bulk	1997	HKG	47,000	14.5	1		0	TEU	Main	8,561	Korea Line Corp.	N
9122203	Containership	1996	CYP	38,400	22.8	1		2890	TEU	Aux	4,870	Norasia	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9122203	Containership	1996	CYP	38,400	22.8	1		2890	TEU	Auxiliary Boiler	500	Norasia	N
9122203	Containership	1996	CYP	38,400	22.8	1		2890	TEU	Main	28,348	Norasia	N
9122215	Containership	1996	CYP	38,400	22.4	1		2890	TEU	Aux	4,870	Norasia	N
9122215	Containership	1996	CYP	38,400	22.4	1		2890	TEU	Auxiliary Boiler	500	Norasia	N
9122215	Containership	1996	CYP	38,400	22.4	1		2890	TEU	Main	28,348	Norasia	N
9122394	Containership	1996	ATG	34,671	22	1		2959	TEU	Aux	4,870	Yang Ming America	N
9122394	Containership	1996	ATG	34,671	22	1		2959	TEU	Auxiliary Boiler	500	Yang Ming America	N
9122394	Containership	1996	ATG	34,671	22	1		2959	TEU	Main	22,794	Yang Ming America	N
9122461	Containership	1997	DEU	12,400	17.5	1		1012	TEU	Aux	2,753	ASM	N
9122461	Containership	1997	DEU	12,400	17.5	1		1012	TEU	Auxiliary Boiler	500	ASM	N
9122461	Containership	1997	DEU	12,400	17.5	1		1012	TEU	Main	6,929	ASM	N
9123386	Tanker	1996	PAN	19,997	15.3	1		0	TEU	Aux	3,049	Tokmar	N
9123386	Tanker	1996	PAN	19,997	15.3	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9123386	Tanker	1996	PAN	19,997	15.3	1		0	TEU	Main	7,134	Tokmar	N
9123831	Bulk	1996	CYP	45,585	14.1	1		0	TEU	Aux	2,028	Norden Shipping	N
9123831	Bulk	1996	CYP	45,585	14.1	1		0	TEU	Auxiliary Boiler	109	Norden Shipping	N
9123831	Bulk	1996	CYP	45,585	14.1	1		0	TEU	Main	7,171	Norden Shipping	N
9123934	Bulk	1995	PAN	33,800	14	1		0	TEU	Aux	2,028	Mitsui OSK Lines	N
9123934	Bulk	1995	PAN	33,800	14	1		0	TEU	Auxiliary Boiler	109	Mitsui OSK Lines	N
9123934	Bulk	1995	PAN	33,800	14	1		0	TEU	Main	5,148	Mitsui OSK Lines	N
9124512	Containership	1997	DEU	35,000	22.6	1		2758	TEU	Aux	4,870	Evergreen America	N
9124512	Containership	1997	DEU	35,000	22.6	1		2758	TEU	Auxiliary Boiler	500	Evergreen America	N
9124512	Containership	1997	DEU	35,000	22.6	1		2758	TEU	Main	24,316	Evergreen America	N
9124524	Containership	1997	DEU	34,954	22.6	1		2758	TEU	Aux	4,870	Norasia	N
9124524	Containership	1997	DEU	34,954	22.6	1		2758	TEU	Auxiliary Boiler	500	Norasia	N
9124524	Containership	1997	DEU	34,954	22.6	1		2758	TEU	Main	24,316	Norasia	N
9125281	Tanker	1995	MHL	11,668	13	1		0	TEU	Aux	3,049	Panamerican Tankers, Inc	N
9125281	Tanker	1995	MHL	11,668	13	1		0	TEU	Auxiliary Boiler	3,000	Panamerican Tankers, Inc	N
9125281	Tanker	1995	MHL	11,668	13	1		0	TEU	Main	3,602	Panamerican Tankers, Inc	N
9125607	Containership	1996	GBR	49,229	24	1		3961	TEU	Aux	4,697	CMA-CGM	N
9125607	Containership	1996	GBR	49,229	24	1		3961	TEU	Auxiliary Boiler	500	CMA-CGM	N
9125607	Containership	1996	GBR	49,229	24	1		3961	TEU	Main	32,421	CMA-CGM	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9126962	Containership	1996	ATG	14,700	19.6	1		1122	TEU	Aux	2,753	Maersk Pacific	N
9126962	Containership	1996	ATG	14,700	19.6	1		1122	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9126962	Containership	1996	ATG	14,700	19.6	1		1122	TEU	Main	10,919	Maersk Pacific	N
9127007	Containership	1996	ATG	14,587	18.5	1		1122	TEU	Aux	2,753	US Lines	N
9127007	Containership	1996	ATG	14,587	18.5	1		1122	TEU	Auxiliary Boiler	500	US Lines	N
9127007	Containership	1996	ATG	14,587	18.5	1		1122	TEU	Main	10,919	US Lines	N
9127540	Containership	1997	LBR	30,600	21	1		2064	TEU	Aux	4,870	Maersk Pacific	N
9127540	Containership	1997	LBR	30,600	21	1		2064	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9127540	Containership	1997	LBR	30,600	21	1		2064	TEU	Main	17,939	Maersk Pacific	N
9127784	Containership	1997	NLD	25,039	21	1		1648	TEU	Aux	2,753	Maersk Pacific	N
9127784	Containership	1997	NLD	25,039	21	1		1648	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9127784	Containership	1997	NLD	25,039	21	1		1648	TEU	Main	17,199	Maersk Pacific	N
9128075	Bulk	1996	PAN	23,522	13.7	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9128075	Bulk	1996	PAN	23,522	13.7	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9128075	Bulk	1996	PAN	23,522	13.7	1		0	TEU	Main	4,891	Saga Forest Carriers	N
9128245	Bulk	1997	ITA	73,409	14.8	1		0	TEU	Aux	2,028	K Line	N
9128245	Bulk	1997	ITA	73,409	14.8	1		0	TEU	Auxiliary Boiler	109	K Line	N
9128245	Bulk	1997	ITA	73,409	14.8	1		0	TEU	Main	8,678	K Line	N
9128441	Bulk	1997	PAN	41,363	14.2	1		0	TEU	Aux	2,028	Hanjin Shpg. Co.	N
9128441	Bulk	1997	PAN	41,363	14.2	1		0	TEU	Auxiliary Boiler	109	Hanjin Shpg. Co.	N
9128441	Bulk	1997	PAN	41,363	14.2	1		0	TEU	Main	8,338	Hanjin Shpg. Co.	N
9128477	Containership	1998	DEU	20,887	19.5	1		1550	TEU	Aux	2,753	Maersk Bulk	N
9128477	Containership	1998	DEU	20,887	19.5	1		1550	TEU	Auxiliary Boiler	500	Maersk Bulk	N
9128477	Containership	1998	DEU	20,887	19.5	1		1550	TEU	Main	12,240	Maersk Bulk	N
9128790	Bulk	1996	PAN	23,583	15.3	1		0	TEU	Aux	2,028	Inui Shipping	N
9128790	Bulk	1996	PAN	23,583	15.3	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9128790	Bulk	1996	PAN	23,583	15.3	1		0	TEU	Main	5,185	Inui Shipping	N
9129378	Bulk	1997	MYS	28,410	14.2	1	4	0	TEU	Aux	1,699	Pacbasin	N
9129378	Bulk	1997	MYS	28,410	14.2	1	4	0	TEU	Auxiliary Boiler	109	Pacbasin	N
9129378	Bulk	1997	MYS	28,410	14.2	1	4	0	TEU	Main	6,459	Pacbasin	N
9129952	Tanker	1998	MHL	46,162	14.5	1		0	TEU	Aux	3,049	OSG Ship Mgmt.	N
9129952	Tanker	1998	MHL	46,162	14.5	1		0	TEU	Auxiliary Boiler	3,000	OSG Ship Mgmt.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9129952	Tanker	1998	MHL	46,162	14.5	1		0	TEU	Main	8,561	OSG Ship Mgmt.	N
9130133	Containership	1998	CYP	23,380	19.8	1		1748	TEU	Aux	2,753	FESCO	N
9130133	Containership	1998	CYP	23,380	19.8	1		1748	TEU	Auxiliary Boiler	500	FESCO	N
9130133	Containership	1998	CYP	23,380	19.8	1		1748	TEU	Main	13,319	FESCO	N
9130145	Containership	1998	CYP	23,200	19.6	1		1748	TEU	Aux	2,753	FESCO	N
9130145	Containership	1998	CYP	23,200	19.6	1		1748	TEU	Auxiliary Boiler	500	FESCO	N
9130145	Containership	1998	CYP	23,200	19.6	1		1748	TEU	Main	13,327	FESCO	N
9130157	Containership	1998	CYP	23,380	19.6	1		1748	TEU	Aux	2,753	FESCO	N
9130157	Containership	1998	CYP	23,380	19.6	1		1748	TEU	Auxiliary Boiler	500	FESCO	N
9130157	Containership	1998	CYP	23,380	19.6	1		1748	TEU	Main	13,327	FESCO	N
9131369	Tanker	1998	USA	46,094	14.5	1		0	TEU	Aux	3,049	Seariver Maritime	N
9131369	Tanker	1998	USA	46,094	14.5	1		0	TEU	Auxiliary Boiler	3,000	Seariver Maritime	N
9131369	Tanker	1998	USA	46,094	14.5	1		0	TEU	Main	6,752	Seariver Maritime	N
9131371	Tanker	1998	USA	46,094	14	1		0	TEU	Aux	3,049	Tesoro Maritime	N
9131371	Tanker	1998	USA	46,094	14	1		0	TEU	Auxiliary Boiler	3,000	Tesoro Maritime	N
9131371	Tanker	1998	USA	46,094	14	1		0	TEU	Main	8,056	Tesoro Maritime	N
9132662	Bulk	1996	PAN	28,350	14	1		0	TEU	Aux	2,028	Inui Shipping	N
9132662	Bulk	1996	PAN	28,350	14	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9132662	Bulk	1996	PAN	28,350	14	1		0	TEU	Main	5,884	Inui Shipping	N
9133070	Tanker	1997	ATF	44,923	14.5	1		0	TEU	Aux	3,049	ConocoPhillips	N
9133070	Tanker	1997	ATF	44,923	14.5	1		0	TEU	Auxiliary Boiler	3,000	ConocoPhillips	N
9133070	Tanker	1997	ATF	44,923	14.5	1		0	TEU	Main	8,561	ConocoPhillips	N
9133290	Bulk	1997	SGP	28,500	14.3	1		0	TEU	Aux	2,028	J. Lauritzen	N
9133290	Bulk	1997	SGP	28,500	14.3	1		0	TEU	Auxiliary Boiler	109	J. Lauritzen	N
9133290	Bulk	1997	SGP	28,500	14.3	1		0	TEU	Main	5,884	J. Lauritzen	N
9134232	Containership	1997	PAN	55,604	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9134232	Containership	1997	PAN	55,604	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9134232	Containership	1997	PAN	55,604	25	1		4211	TEU	Main	48,631	Evergreen America	N
9134244	Containership	1997	PAN	55,300	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9134244	Containership	1997	PAN	55,300	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9134244	Containership	1997	PAN	55,300	25	1		4211	TEU	Main	48,631	Evergreen America	N
9134256	Containership	1998	PAN	55,604	25	1		4211	TEU	Aux	7,434	Evergreen America	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9134256	Containership	1998	PAN	55,604	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9134256	Containership	1998	PAN	55,604	25	1		4211	TEU	Main	48,631	Evergreen America	N
9134268	Containership	1998	PAN	55,604	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9134268	Containership	1998	PAN	55,604	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9134268	Containership	1998	PAN	55,604	25	1		4211	TEU	Main	48,631	Evergreen America	N
9134270	Containership	1998	PAN	55,604	25	1		4211	TEU	Aux	8,848	Evergreen America	N
9134270	Containership	1998	PAN	55,604	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9134270	Containership	1998	PAN	55,604	25	1		4211	TEU	Main	48,631	Evergreen America	N
9134282	Containership	1998	PAN	55,653	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9134282	Containership	1998	PAN	55,653	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9134282	Containership	1998	PAN	55,653	25	1		4211	TEU	Main	48,631	Evergreen America	N
9134593	Containership	1998	DEU	29,240	21.3	1		1835	TEU	Aux	2,753	Hamburg Sud	N
9134593	Containership	1998	DEU	29,240	21.3	1		1835	TEU	Auxiliary Boiler	500	Hamburg Sud	N
9134593	Containership	1998	DEU	29,240	21.3	1		1835	TEU	Main	17,199	Hamburg Sud	N
9135652	Bulk	1996	PAN	43,229	14.7	1		0	TEU	Aux	2,028	Hyundai Tramper	N
9135652	Bulk	1996	PAN	43,229	14.7	1		0	TEU	Auxiliary Boiler	109	Hyundai Tramper	N
9135652	Bulk	1996	PAN	43,229	14.7	1		0	TEU	Main	8,561	Hyundai Tramper	N
9135664	Bulk	1996	PAN	43,210	14.8	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9135664	Bulk	1996	PAN	43,210	14.8	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9135664	Bulk	1996	PAN	43,210	14.8	1		0	TEU	Main	8,561	Hyundai Mer. Marine	N
9137117	Bulk	2002	HKG	43,105	16	1	4	1988	TEU	Aux	3,243	Fleet Mngmnt Lmtd	N
9137117	Bulk	2002	HKG	43,105	16	1	4	1988	TEU	Auxiliary Boiler	109	Fleet Mngmnt Lmtd	N
9137117	Bulk	2002	HKG	43,105	16	1	4	1988	TEU	Main	12,240	Fleet Mngmnt Lmtd	N
9137894	Containership	1997	CYP	38,421	22.8	1		2890	TEU	Aux	4,870	Zim Cont. Svc.	N
9137894	Containership	1997	CYP	38,421	22.8	1		2890	TEU	Auxiliary Boiler	500	Zim Cont. Svc.	N
9137894	Containership	1997	CYP	38,421	22.8	1		2890	TEU	Main	28,348	Zim Cont. Svc.	N
9138329	Cruise	1997	BHS	1,300	18.5	4		0	TEU	Aux	2,112	Hapag-Lloyd	N
9138329	Cruise	1997	BHS	1,300	18.5	4		0	TEU	Auxiliary Boiler	1,000	Hapag-Lloyd	N
9138329	Cruise	1997	BHS	1,300	18.5	4		0	TEU	Main	8,447	Hapag-Lloyd	N
9138903	Bulk	1997	JPN	32,115	14.4	1		0	TEU	Aux	2,028	Inui Shipping	N
9138903	Bulk	1997	JPN	32,115	14.4	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9138903	Bulk	1997	JPN	32,115	14.4	1		0	TEU	Main	7,061	Inui Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9139311	General Cargo	1998	NLD	12,950	15.6	1	4	1041	TEU	Aux	1,888	BigLift Shipping	N
9139311	General Cargo	1998	NLD	12,950	15.6	1	4	1041	TEU	Auxiliary Boiler	371	BigLift Shipping	N
9139311	General Cargo	1998	NLD	12,950	15.6	1	4	1041	TEU	Main	8,775	BigLift Shipping	N
9139749	Containership	1998	SGP	64,145	24.5	1		5020	TEU	Aux	8,361	ASM	N
9139749	Containership	1998	SGP	64,145	24.5	1		5020	TEU	Auxiliary Boiler	500	ASM	N
9139749	Containership	1998	SGP	64,145	24.5	1		5020	TEU	Main	48,631	ASM	N
9141998	Bulk	1996	GRC	45,742	14	1		0	TEU	Aux	2,028	Hanjin Shpg. Co.	N
9141998	Bulk	1996	GRC	45,742	14	1		0	TEU	Auxiliary Boiler	109	Hanjin Shpg. Co.	N
9141998	Bulk	1996	GRC	45,742	14	1		0	TEU	Main	7,281	Hanjin Shpg. Co.	N
9142162	Containership	1998	PAN	55,515	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9142162	Containership	1998	PAN	55,515	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9142162	Containership	1998	PAN	55,515	25	1		4211	TEU	Main	48,631	Evergreen America	N
9142174	Containership	1998	PAN	55,515	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9142174	Containership	1998	PAN	55,515	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9142174	Containership	1998	PAN	55,515	25	1		4211	TEU	Main	48,631	Evergreen America	N
9142186	Containership	1998	PAN	55,515	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9142186	Containership	1998	PAN	55,515	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9142186	Containership	1998	PAN	55,515	25	1		4211	TEU	Main	48,631	Evergreen America	N
9142198	Containership	1998	PAN	55,515	25	1		4211	TEU	Aux	7,434	Evergreen America	N
9142198	Containership	1998	PAN	55,515	25	1		4211	TEU	Auxiliary Boiler	500	Evergreen America	N
9142198	Containership	1998	PAN	55,515	25	1		4211	TEU	Main	48,631	Evergreen America	N
9143001	Containership	1997	USA	59,961	24	1		4082	TEU	Aux	6,600	Maersk Pacific	N
9143001	Containership	1997	USA	59,961	24	1		4082	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9143001	Containership	1997	USA	59,961	24	1		4082	TEU	Main	36,467	Maersk Pacific	N
9143025	Containership	1997	USA	59,840	24	1		4082	TEU	Aux	6,600	Maersk Pacific	N
9143025	Containership	1997	USA	59,840	24	1		4082	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9143025	Containership	1997	USA	59,840	24	1		4082	TEU	Main	36,467	Maersk Pacific	N
9143037	Containership	1997	USA	59,840	24	1		4082	TEU	Aux	6,600	Maersk Pacific	N
9143037	Containership	1997	USA	59,840	24	1		4082	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9143037	Containership	1997	USA	59,840	24	1		4082	TEU	Main	36,467	Maersk Pacific	N
9143099	Reefer	1996	VUT	10,432	21	1		258	TEU	Aux	3,480	NYK LauritzenCool	N
9143099	Reefer	1996	VUT	10,432	21	1		258	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9143099	Reefer	1996	VUT	10,432	21	1		258	TEU	Main	11,474	NYK LauritzenCool	N
9143207	Tanker	1998	NOR	37,369	16	1		0	TEU	Aux	3,049	Odfjell	N
9143207	Tanker	1998	NOR	37,369	16	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9143207	Tanker	1998	NOR	37,369	16	1		0	TEU	Main	11,474	Odfjell	N
9143219	Tanker	1998	NOR	37,369	16	1		0	TEU	Aux	3,049	Odfjell	N
9143219	Tanker	1998	NOR	37,369	16	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9143219	Tanker	1998	NOR	37,369	16	1		0	TEU	Main	11,474	Odfjell	N
9143685	Tanker	1999	MYS	45,354	14.5	1	4	0	TEU	Aux	2,781	Aurora Tankers	N
9143685	Tanker	1999	MYS	45,354	14.5	1	4	0	TEU	Auxiliary Boiler	3,000	Aurora Tankers	N
9143685	Tanker	1999	MYS	45,354	14.5	1	4	0	TEU	Main	8,850	Aurora Tankers	N
9144017	Tanker	1997	BHS	####	14.6	1	4	0	TEU	Aux	2,400	Teekay Shpg. LTD.	N
9144017	Tanker	1997	BHS	####	14.6	1	4	0	TEU	Auxiliary Boiler	3,000	Teekay Shpg. LTD.	N
9144017	Tanker	1997	BHS	####	14.6	1	4	0	TEU	Main	13,128	Teekay Shpg. LTD.	N
9144354	General Cargo	1996	HKG	47,034	15	1		1688	TEU	Aux	2,110	Saga Forest Carriers	N
9144354	General Cargo	1996	HKG	47,034	15	1		1688	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9144354	General Cargo	1996	HKG	47,034	15	1		1688	TEU	Main	8,944	Saga Forest Carriers	N
9144407	General Cargo	1997	BHS	51,880	14.5	1		1788	TEU	Aux	2,110	Gearbulk Shipping	N
9144407	General Cargo	1997	BHS	51,880	14.5	1		1788	TEU	Auxiliary Boiler	371	Gearbulk Shipping	N
9144407	General Cargo	1997	BHS	51,880	14.5	1		1788	TEU	Main	11,519	Gearbulk Shipping	N
9144926	Tanker	1999	USA	45,671	16	1		0	TEU	Aux	3,049	Valero Energy Corp.	N
9144926	Tanker	1999	USA	45,671	16	1		0	TEU	Auxiliary Boiler	3,000	Valero Energy Corp.	N
9144926	Tanker	1999	USA	45,671	16	1		0	TEU	Main	9,848	Valero Energy Corp.	N
9145841	Tanker	1996	PAN	45,217	15	1		0	TEU	Aux	3,049	Waterfront Shipping	N
9145841	Tanker	1996	PAN	45,217	15	1		0	TEU	Auxiliary Boiler	3,000	Waterfront Shipping	N
9145841	Tanker	1996	PAN	45,217	15	1		0	TEU	Main	9,988	Waterfront Shipping	N
9145853	Tanker	1997	PAN	45,219	15	1		0	TEU	Aux	3,049	Waterfront Shipping	N
9145853	Tanker	1997	PAN	45,219	15	1		0	TEU	Auxiliary Boiler	3,000	Waterfront Shipping	N
9145853	Tanker	1997	PAN	45,219	15	1		0	TEU	Main	9,988	Waterfront Shipping	N
9146455	Containership	1998	DNK	####	25	1		7226	TEU	Aux	15,000	Maersk Pacific	N
9146455	Containership	1998	DNK	####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9146455	Containership	1998	DNK	####	25	1		7226	TEU	Main	54,835	Maersk Pacific	Y
9146479	Containership	1998	DNK	####	25	1		7226	TEU	Aux	15,000	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9146479	Containership	1998	DNK	####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9146479	Containership	1998	DNK	####	25	1		7226	TEU	Main	54,897	Maersk Pacific	Y
9146601	Bulk	1997	ATG	42,717	14.5	1		0	TEU	Aux	2,028	SK Shipping Co. LTD.	N
9146601	Bulk	1997	ATG	42,717	14.5	1		0	TEU	Auxiliary Boiler	109	SK Shipping Co. LTD.	N
9146601	Bulk	1997	ATG	42,717	14.5	1		0	TEU	Main	6,987	SK Shipping Co. LTD.	N
9147227	Containership	1999	ATG	12,918	19	1		1102	TEU	Aux	2,753	Maersk Pacific	N
9147227	Containership	1999	ATG	12,918	19	1		1102	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9147227	Containership	1999	ATG	12,918	19	1		1102	TEU	Main	9,729	Maersk Pacific	N
9148116	MISC	1998	PAN	16,069	15.6	1	4	1041	TEU	Aux	1,575	BigLift Shipping	N
9148116	MISC	1998	PAN	16,069	15.6	1	4	1041	TEU	Auxiliary Boiler	371	BigLift Shipping	N
9148116	MISC	1998	PAN	16,069	15.6	1	4	1041	TEU	Main	8,775	BigLift Shipping	N
9149213	Tanker	1998	LBR	45,500	15	1	4	0	TEU	Aux	3,549	Chevron Transport	N
9149213	Tanker	1998	LBR	45,500	15	1	4	0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
9149213	Tanker	1998	LBR	45,500	15	1	4	0	TEU	Main	8,310	Chevron Transport	N
9150341	Auto Carrier	1998	PAN	14,348	19	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9150341	Auto Carrier	1998	PAN	14,348	19	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9150341	Auto Carrier	1998	PAN	14,348	19	1		0	TEU	Main	10,591	Mitsui Bulkship	N
9152416	Bulk	1997	PAN	71,355	14.5	1		0	TEU	Aux	2,028	Taiheiyo Kisen Kaisha	N
9152416	Bulk	1997	PAN	71,355	14.5	1		0	TEU	Auxiliary Boiler	109	Taiheiyo Kisen Kaisha	N
9152416	Bulk	1997	PAN	71,355	14.5	1		0	TEU	Main	8,900	Taiheiyo Kisen Kaisha	N
9152741	Containership	1998	LBR	30,721	20.5	1		2226	TEU	Aux	4,870	CP Ships	N
9152741	Containership	1998	LBR	30,721	20.5	1		2226	TEU	Auxiliary Boiler	500	CP Ships	N
9152741	Containership	1998	LBR	30,721	20.5	1		2226	TEU	Main	20,873	CP Ships	N
9153496	Bulk	1998	PAN	28,404	14.1	1		0	TEU	Aux	2,028	Korea Line Corp.	N
9153496	Bulk	1998	PAN	28,404	14.1	1		0	TEU	Auxiliary Boiler	109	Korea Line Corp.	N
9153496	Bulk	1998	PAN	28,404	14.1	1		0	TEU	Main	6,156	Korea Line Corp.	N
9153549	Auto Carrier	1997	PAN	15,522	18.5	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9153549	Auto Carrier	1997	PAN	15,522	18.5	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9153549	Auto Carrier	1997	PAN	15,522	18.5	1		0	TEU	Main	11,415	Mitsui Bulkship	N
9153850	Containership	1998	GBR	88,669	24.5	1	5	6930	TEU	Aux	15,725	Maersk Pacific	N
9153850	Containership	1998	GBR	88,669	24.5	1	5	6930	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9153850	Containership	1998	GBR	88,669	24.5	1	5	6930	TEU	Main	65,874	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9153898	General Cargo	1998	PAN	16,957	15	1	5	624	TEU	Aux	2,052	BigLift Shipping	N
9153898	General Cargo	1998	PAN	16,957	15	1	5	624	TEU	Auxiliary Boiler	371	BigLift Shipping	N
9153898	General Cargo	1998	PAN	16,957	15	1	5	624	TEU	Main	6,030	BigLift Shipping	N
9154012	Bulk	1997	GRC	46,670	14.5	1		0	TEU	Aux	2,028	Mur Shipping	N
9154012	Bulk	1997	GRC	46,670	14.5	1		0	TEU	Auxiliary Boiler	109	Mur Shipping	N
9154012	Bulk	1997	GRC	46,670	14.5	1		0	TEU	Main	7,429	Mur Shipping	N
9154505	Bulk	1998	HRV	42,584	14	1	4	0	TEU	Aux	1,977	STX Panocean Shpg.	N
9154505	Bulk	1998	HRV	42,584	14	1	4	0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9154505	Bulk	1998	HRV	42,584	14	1	4	0	TEU	Main	7,149	STX Panocean Shpg.	N
9154610	Bulk	1998	NOR	45,146	15.8	1	4	0	TEU	Aux	1,654	Norden Shipping	N
9154610	Bulk	1998	NOR	45,146	15.8	1	4	0	TEU	Auxiliary Boiler	109	Norden Shipping	N
9154610	Bulk	1998	NOR	45,146	15.8	1	4	0	TEU	Main	7,171	Norden Shipping	N
9155303	Bulk	1999	BHS	51,459	15	1		1788	TEU	Aux	2,028	Gearbulk Shipping	N
9155303	Bulk	1999	BHS	51,459	15	1		1788	TEU	Auxiliary Boiler	109	Gearbulk Shipping	N
9155303	Bulk	1999	BHS	51,459	15	1		1788	TEU	Main	11,474	Gearbulk Shipping	N
9155365	Containership	2000	LBR	23,992	18.3	1		1740	TEU	Aux	2,753	CP Ships	N
9155365	Containership	2000	LBR	23,992	18.3	1		1740	TEU	Auxiliary Boiler	500	CP Ships	N
9155365	Containership	2000	LBR	23,992	18.3	1		1740	TEU	Main	14,279	CP Ships	N
9155377	Containership	2000	LBR	23,992	18.3	1		1740	TEU	Aux	2,753	CP Ships	N
9155377	Containership	2000	LBR	23,992	18.3	1		1740	TEU	Auxiliary Boiler	500	CP Ships	N
9155377	Containership	2000	LBR	23,992	18.3	1		1740	TEU	Main	14,324	CP Ships	N
9155389	Containership	2000	LBR	23,579	18.3	1		1740	TEU	Aux	2,753	CP Ships	N
9155389	Containership	2000	LBR	23,579	18.3	1		1740	TEU	Auxiliary Boiler	500	CP Ships	N
9155389	Containership	2000	LBR	23,579	18.3	1		1740	TEU	Main	14,274	CP Ships	N
9156474	Cruise	1998	MHL	2,700	18	4		0	TEU	Aux	3,720	Oceania Cruises	N
9156474	Cruise	1998	MHL	2,700	18	4		0	TEU	Auxiliary Boiler	1,000	Oceania Cruises	N
9156474	Cruise	1998	MHL	2,700	18	4		0	TEU	Main	14,879	Oceania Cruises	N
9157519	Tanker	1997	PAN	16,026	14.2	1		0	TEU	Aux	3,049	Tokmar	N
9157519	Tanker	1997	PAN	16,026	14.2	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9157519	Tanker	1997	PAN	16,026	14.2	1		0	TEU	Main	4,891	Tokmar	N
9157521	Tanker	1997	PAN	16,008	14.4	1		0	TEU	Aux	3,049	Tokmar	N
9157521	Tanker	1997	PAN	16,008	14.4	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9157521	Tanker	1997	PAN	16,008	14.4	1		0	TEU	Main	4,890	Tokmar	N
9159440	Bulk	1998	PAN	24,132	14.1	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9159440	Bulk	1998	PAN	24,132	14.1	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9159440	Bulk	1998	PAN	24,132	14.1	1		0	TEU	Main	5,296	Saga Forest Carriers	N
9159517	Bulk	1997	PAN	72,421	14.5	1		0	TEU	Aux	2,028	K Line	N
9159517	Bulk	1997	PAN	72,421	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9159517	Bulk	1997	PAN	72,421	14.5	1		0	TEU	Main	9,753	K Line	N
9160724	Reefer	2000	MHL	12,913	21.5	1		332	TEU	Aux	3,480	NYK LauritzenCool	N
9160724	Reefer	2000	MHL	12,913	21.5	1		332	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
9160724	Reefer	2000	MHL	12,913	21.5	1		332	TEU	Main	13,439	NYK LauritzenCool	N
9160798	General Cargo	1997	HKG	47,029	14.5	1		0	TEU	Aux	2,110	Saga Forest Carriers	N
9160798	General Cargo	1997	HKG	47,029	14.5	1		0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9160798	General Cargo	1997	HKG	47,029	14.5	1		0	TEU	Main	8,951	Saga Forest Carriers	N
9160803	Bulk	1998	HKG	47,032	14.5	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9160803	Bulk	1998	HKG	47,032	14.5	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9160803	Bulk	1998	HKG	47,032	14.5	1		0	TEU	Main	8,951	Saga Forest Carriers	N
9161053	Bulk	1997	HKG	46,663	14.5	1		0	TEU	Aux	2,028	Pacbasin	N
9161053	Bulk	1997	HKG	46,663	14.5	1		0	TEU	Auxiliary Boiler	109	Pacbasin	N
9161053	Bulk	1997	HKG	46,663	14.5	1		0	TEU	Main	8,164	Pacbasin	N
9161895	Tanker	1998	PAN	19,364	14.7	1		0	TEU	Aux	3,049	Tokmar	N
9161895	Tanker	1998	PAN	19,364	14.7	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9161895	Tanker	1998	PAN	19,364	14.7	1		0	TEU	Main	6,178	Tokmar	N
9162215	Containership	1998	GBR	88,669	24.5	1	5	6930	TEU	Aux	15,725	Maersk Pacific	N
9162215	Containership	1998	GBR	88,669	24.5	1	5	6930	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9162215	Containership	1998	GBR	88,669	24.5	1	5	6930	TEU	Main	65,874	Maersk Pacific	N
9162227	Containership	1998	NLD	88,669	24.5	1	5	6930	TEU	Aux	15,725	Maersk Pacific	N
9162227	Containership	1998	NLD	88,669	24.5	1	5	6930	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9162227	Containership	1998	NLD	88,669	24.5	1	5	6930	TEU	Main	65,874	Maersk Pacific	N
9162253	Containership	1998	LBR	30,007	20	1		2169	TEU	Aux	4,870	Hamburg Sud	N
9162253	Containership	1998	LBR	30,007	20	1		2169	TEU	Auxiliary Boiler	500	Hamburg Sud	N
9162253	Containership	1998	LBR	30,007	20	1		2169	TEU	Main	12,239	Hamburg Sud	N
9162265	Containership	1998	DEU	30,007	20	1		2169	TEU	Aux	4,870	Hamburg Sud	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9162265	Containership	1998	DEU	30,007	20	1		2169	TEU	Auxiliary Boiler	500	Hamburg Sud	N
9162265	Containership	1998	DEU	30,007	20	1		2169	TEU	Main	12,239	Hamburg Sud	N
9162277	Containership	1999	DEU	30,135	20	1		2169	TEU	Aux	3,840	Hamburg Sud	N
9162277	Containership	1999	DEU	30,135	20	1		2169	TEU	Auxiliary Boiler	500	Hamburg Sud	N
9162277	Containership	1999	DEU	30,135	20	1		2169	TEU	Main	12,239	Hamburg Sud	N
9162411	General Cargo	1998	SGP	25,012	14.5	1		0	TEU	Aux	2,110	Saga Forest Carriers	N
9162411	General Cargo	1998	SGP	25,012	14.5	1		0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9162411	General Cargo	1998	SGP	25,012	14.5	1		0	TEU	Main	6,156	Saga Forest Carriers	N
9162928	Tanker	1998	GRC	47,198	15.3	1	4	0	TEU	Aux	1,368	Vitol S.A. Inc.	N
9162928	Tanker	1998	GRC	47,198	15.3	1	4	0	TEU	Auxiliary Boiler	3,000	Vitol S.A. Inc.	N
9162928	Tanker	1998	GRC	47,198	15.3	1	4	0	TEU	Main	8,567	Vitol S.A. Inc.	N
9162942	Bulk	1998	PAN	47,243	14.3	1		0	TEU	Aux	2,028	MOL	N
9162942	Bulk	1998	PAN	47,243	14.3	1		0	TEU	Auxiliary Boiler	109	MOL	N
9162942	Bulk	1998	PAN	47,243	14.3	1		0	TEU	Main	7,076	MOL	N
9164160	General Cargo	1997	BHS	29,518	14.5	1		1130	TEU	Aux	2,110	Daewoo Logistics Co. Ltd	N
9164160	General Cargo	1997	BHS	29,518	14.5	1		1130	TEU	Auxiliary Boiler	371	Daewoo Logistics Co. Ltd	N
9164160	General Cargo	1997	BHS	29,518	14.5	1		1130	TEU	Main	6,400	Daewoo Logistics Co. Ltd	N
9166778	Containership	1999	DNK	#####	25	1		7226	TEU	Aux	15,000	Maersk Pacific	N
9166778	Containership	1999	DNK	#####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9166778	Containership	1999	DNK	#####	25	1		7226	TEU	Main	54,835	Maersk Pacific	Y
9166780	Containership	1999	DNK	#####	25	1		7226	TEU	Aux	15,000	Maersk Pacific	N
9166780	Containership	1999	DNK	#####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9166780	Containership	1999	DNK	#####	25	1		7226	TEU	Main	54,835	Maersk Pacific	Y
9167863	Bulk	1998	LBR	31,962	16.1	1		0	TEU	Aux	2,028	Hanjin Shpg. Co.	N
9167863	Bulk	1998	LBR	31,962	16.1	1		0	TEU	Auxiliary Boiler	109	Hanjin Shpg. Co.	N
9167863	Bulk	1998	LBR	31,962	16.1	1		0	TEU	Main	7,061	Hanjin Shpg. Co.	N
9168439	Tanker	1998	JPN	41,997	14.7	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9168439	Tanker	1998	JPN	41,997	14.7	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9168439	Tanker	1998	JPN	41,997	14.7	1		0	TEU	Main	8,561	Mitsui OSK Lines	N
9168635	Tanker	1999	NOR	37,395	16	1		0	TEU	Aux	3,049	Odfjell	N
9168635	Tanker	1999	NOR	37,395	16	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9168635	Tanker	1999	NOR	37,395	16	1		0	TEU	Main	10,408	Odfjell	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9168647	Tanker	2000	NOR	37,438	15.5	1		0	TEU	Aux	3,049	Odfjell	N
9168647	Tanker	2000	NOR	37,438	15.5	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9168647	Tanker	2000	NOR	37,438	15.5	1		0	TEU	Main	10,415	Odfjell	N
9169122	Containership	1998	ATG	52,329	22.7	1		4038	TEU	Aux	7,434	CP Ships	N
9169122	Containership	1998	ATG	52,329	22.7	1		4038	TEU	Auxiliary Boiler	500	CP Ships	N
9169122	Containership	1998	ATG	52,329	22.7	1		4038	TEU	Main	36,473	CP Ships	N
9169342	Bulk	1999	CYM	46,500	14.5	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9169342	Bulk	1999	CYM	46,500	14.5	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9169342	Bulk	1999	CYM	46,500	14.5	1		0	TEU	Main	7,208	Western Bulk Carriers	N
9170652	Bulk	1997	LBR	28,215	14.4	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9170652	Bulk	1997	LBR	28,215	14.4	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9170652	Bulk	1997	LBR	28,215	14.4	1		0	TEU	Main	7,002	Hyundai Mer. Marine	N
9171541	Bulk	1999	KOR	31,024	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9171541	Bulk	1999	KOR	31,024	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9171541	Bulk	1999	KOR	31,024	14	1		0	TEU	Main	6,030	STX Panocean Shpg.	N
9173654	Tanker	1999	IND	####	14	1		0	TEU	Aux	2,364	Westport Petroleum	N
9173654	Tanker	1999	IND	####	14	1		0	TEU	Auxiliary Boiler	3,000	Westport Petroleum	N
9173654	Tanker	1999	IND	####	14	1		0	TEU	Main	12,268	Westport Petroleum	N
9174608	Tanker	1999	LBR	46,475	14.5	1		0	TEU	Aux	3,049	Anglo Canadian	N
9174608	Tanker	1999	LBR	46,475	14.5	1		0	TEU	Auxiliary Boiler	3,000	Anglo Canadian	N
9174608	Tanker	1999	LBR	46,475	14.5	1		0	TEU	Main	7,465	Anglo Canadian	N
9175925	Auto Carrier	1998	LBR	14,101	19	1		0	TEU	Aux	2,491	World Logistics Service (U	N
9175925	Auto Carrier	1998	LBR	14,101	19	1		0	TEU	Auxiliary Boiler	321	World Logistics Service (U	N
9175925	Auto Carrier	1998	LBR	14,101	19	1		0	TEU	Main	10,591	World Logistics Service (U	N
9177650	Bulk	1999	BHS	73,035	14	1		0	TEU	Aux	2,028	Oceana Shipping	N
9177650	Bulk	1999	BHS	73,035	14	1		0	TEU	Auxiliary Boiler	109	Oceana Shipping	N
9177650	Bulk	1999	BHS	73,035	14	1		0	TEU	Main	10,149	Oceana Shipping	N
9177985	Bulk	1998	CYP	24,128	14.1	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9177985	Bulk	1998	CYP	24,128	14.1	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9177985	Bulk	1998	CYP	24,128	14.1	1		0	TEU	Main	5,296	STX Panocean Shpg.	N
9178068	Tanker	1999	GRC	47,053	14.5	1		0	TEU	Aux	3,049	Trafigura AG	N
9178068	Tanker	1999	GRC	47,053	14.5	1		0	TEU	Auxiliary Boiler	3,000	Trafigura AG	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9178068	Tanker	1999	GRC	47,053	14.5	1		0	TEU	Main	8,561	Trafigura AG	N
9178111	Containership	1998	ATG	8,329	17	1		660	TEU	Aux	2,753	ASM	N
9178111	Containership	1998	ATG	8,329	17	1		660	TEU	Auxiliary Boiler	500	ASM	N
9178111	Containership	1998	ATG	8,329	17	1		660	TEU	Main	5,939	ASM	N
9179268	Reefer	1999	PAN	12,625	21	1		0	TEU	Aux	3,480	NYK LauritzenCool	N
9179268	Reefer	1999	PAN	12,625	21	1		0	TEU	Auxiliary Boiler	464	NYK LauritzenCool	N
9179268	Reefer	1999	PAN	12,625	21	1		0	TEU	Main	11,003	NYK LauritzenCool	N
9179622	Tanker	2000	CYM	61,130	15	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
9179622	Tanker	2000	CYM	61,130	15	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9179622	Tanker	2000	CYM	61,130	15	1		0	TEU	Main	11,999	ST Shipping & Transport	N
9180334	Bulk	1998	PAN	23,920	14.2	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9180334	Bulk	1998	PAN	23,920	14.2	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9180334	Bulk	1998	PAN	23,920	14.2	1		0	TEU	Main	5,296	Saga Forest Carriers	N
9181120	Bulk	1999	PAN	46,620	14.5	1		0	TEU	Aux	2,028	K Line	N
9181120	Bulk	1999	PAN	46,620	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9181120	Bulk	1999	PAN	46,620	14.5	1		0	TEU	Main	7,429	K Line	N
9182069	Tanker	1999	PAN	45,908	14.6	1		0	TEU	Aux	3,049	Rudolph A. Oetker	N
9182069	Tanker	1999	PAN	45,908	14.6	1		0	TEU	Auxiliary Boiler	3,000	Rudolph A. Oetker	N
9182069	Tanker	1999	PAN	45,908	14.6	1		0	TEU	Main	9,267	Rudolph A. Oetker	N
9182356	Auto Carrier	2000	PAN	14,283	18.9	1		0	TEU	Aux	2,491	Bright Century Maritime	N
9182356	Auto Carrier	2000	PAN	14,283	18.9	1		0	TEU	Auxiliary Boiler	321	Bright Century Maritime	N
9182356	Auto Carrier	2000	PAN	14,283	18.9	1		0	TEU	Main	10,591	Bright Century Maritime	N
9182368	Auto Carrier	2000	PAN	14,280	18.9	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9182368	Auto Carrier	2000	PAN	14,280	18.9	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9182368	Auto Carrier	2000	PAN	14,280	18.9	1		0	TEU	Main	10,591	Mitsui Bulkship	N
9182461	Bulk	1998	NOR	46,223	16	1		1036	TEU	Aux	2,028	STX Panocean Shpg.	N
9182461	Bulk	1998	NOR	46,223	16	1		1036	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9182461	Bulk	1998	NOR	46,223	16	1		1036	TEU	Main	7,451	STX Panocean Shpg.	N
9182631	Containership	1999	LBR	25,414	21.8	1		1716	TEU	Aux	2,753	Maersk Pacific	N
9182631	Containership	1999	LBR	25,414	21.8	1		1716	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9182631	Containership	1999	LBR	25,414	21.8	1		1716	TEU	Main	17,199	Maersk Pacific	N
9182954	General Cargo	1999	NOR	46,428	16.2	1		2096	TEU	Aux	2,110	Star Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9182954	General Cargo	1999	NOR	46,428	16.2	1		2096	TEU	Auxiliary Boiler	371	Star Shipping	N
9182954	General Cargo	1999	NOR	46,428	16.2	1		2096	TEU	Main	10,518	Star Shipping	N
9182966	Bulk	2000	NOR	46,428	16.2	1		2096	TEU	Aux	2,028	Star Shipping	N
9182966	Bulk	2000	NOR	46,428	16.2	1		2096	TEU	Auxiliary Boiler	109	Star Shipping	N
9182966	Bulk	2000	NOR	46,428	16.2	1		2096	TEU	Main	10,518	Star Shipping	N
9185047	Auto Carrier	2000	LBR	14,067	18.9	1		0	TEU	Aux	2,491	World Logistics Service (U	N
9185047	Auto Carrier	2000	LBR	14,067	18.9	1		0	TEU	Auxiliary Boiler	321	World Logistics Service (U	N
9185047	Auto Carrier	2000	LBR	14,067	18.9	1		0	TEU	Main	10,591	World Logistics Service (U	N
9185487	Tanker	2000	LBR	48,338	14.3	1		0	TEU	Aux	3,049	Sokana Chartering	N
9185487	Tanker	2000	LBR	48,338	14.3	1		0	TEU	Auxiliary Boiler	3,000	Sokana Chartering	N
9185487	Tanker	2000	LBR	48,338	14.3	1		0	TEU	Main	8,164	Sokana Chartering	N
9185853	Tanker	1999	PAN	19,430	14.7	1		0	TEU	Aux	3,049	Fairfield Chem. Carriers	N
9185853	Tanker	1999	PAN	19,430	14.7	1		0	TEU	Auxiliary Boiler	3,000	Fairfield Chem. Carriers	N
9185853	Tanker	1999	PAN	19,430	14.7	1		0	TEU	Main	6,178	Fairfield Chem. Carriers	N
9186209	General Cargo	1999	SGP	44,054	16.2	1		2096	TEU	Aux	2,110	Star Shipping	N
9186209	General Cargo	1999	SGP	44,054	16.2	1		2096	TEU	Auxiliary Boiler	371	Star Shipping	N
9186209	General Cargo	1999	SGP	44,054	16.2	1		2096	TEU	Main	11,199	Star Shipping	N
9186211	General Cargo	2000	SGP	43,956	16.2	1		2096	TEU	Aux	2,110	Star Shipping	N
9186211	General Cargo	2000	SGP	43,956	16.2	1		2096	TEU	Auxiliary Boiler	371	Star Shipping	N
9186211	General Cargo	2000	SGP	43,956	16.2	1		2096	TEU	Main	11,199	Star Shipping	N
9186223	General Cargo	2000	SGP	39,500	16.2	1		2096	TEU	Aux	2,110	Star Shipping	N
9186223	General Cargo	2000	SGP	39,500	16.2	1		2096	TEU	Auxiliary Boiler	371	Star Shipping	N
9186223	General Cargo	2000	SGP	39,500	16.2	1		2096	TEU	Main	11,199	Star Shipping	N
9186235	General Cargo	2000	SGP	39,465	16.2	1		1880	TEU	Aux	1,040	Star Shipping	N
9186235	General Cargo	2000	SGP	39,465	16.2	1		1880	TEU	Aux	4,640	Star Shipping	N
9186235	General Cargo	2000	SGP	39,465	16.2	1		1880	TEU	Auxiliary Boiler	371	Star Shipping	N
9186235	General Cargo	2000	SGP	39,465	16.2	1		1880	TEU	Main	11,199	Star Shipping	N
9186376	Bulk	1998	HKG	27,140	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9186376	Bulk	1998	HKG	27,140	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9186376	Bulk	1998	HKG	27,140	14	1		0	TEU	Main	6,074	STX Panocean Shpg.	N
9188025	Bulk	1999	HKG	32,509	14	1		1540	TEU	Aux	2,028	Intermarine	N
9188025	Bulk	1999	HKG	32,509	14	1		1540	TEU	Auxiliary Boiler	109	Intermarine	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9188025	Bulk	1999	HKG	32,509	14	1		1540	TEU	Main	7,149	Intermarine	N
9188154	Containership	2000	PAN	63,216	25	1		5652	TEU	Aux	8,361	Evergreen America	N
9188154	Containership	2000	PAN	63,216	25	1		5652	TEU	Auxiliary Boiler	500	Evergreen America	N
9188154	Containership	2000	PAN	63,216	25	1		5652	TEU	Main	48,631	Evergreen America	N
9189110	Tanker	2000	CYM	73,083	15	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
9189110	Tanker	2000	CYM	73,083	15	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9189110	Tanker	2000	CYM	73,083	15	1		0	TEU	Main	12,268	ST Shipping & Transport	N
9189134	Tanker	2000	CYM	73,072	15	1		0	TEU	Aux	3,049	Metro Marine	N
9189134	Tanker	2000	CYM	73,072	15	1		0	TEU	Auxiliary Boiler	3,000	Metro Marine	N
9189134	Tanker	2000	CYM	73,072	15	1		0	TEU	Main	10,371	Metro Marine	N
9189342	Containership	2000	GBR	67,902	25.3	1		5618	TEU	Aux	9,280	Maersk Pacific	N
9189342	Containership	2000	GBR	67,902	25.3	1		5618	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9189342	Containership	2000	GBR	67,902	25.3	1		5618	TEU	Main	54,895	Maersk Pacific	N
9189354	Containership	2000	GBR	67,712	25.3	1		5618	TEU	Aux	8,361	Maersk Pacific	N
9189354	Containership	2000	GBR	67,712	25.3	1		5618	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9189354	Containership	2000	GBR	67,712	25.3	1		5618	TEU	Main	54,895	Maersk Pacific	N
9189366	Containership	2000	NLD	67,712	25.3	1		5618	TEU	Aux	8,361	Maersk Pacific	N
9189366	Containership	2000	NLD	67,712	25.3	1		5618	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9189366	Containership	2000	NLD	67,712	25.3	1		5618	TEU	Main	54,895	Maersk Pacific	N
9189421	Cruise	2001	BHS	11,778	24	4	1	0	TEU	Aux	14,149	Celebrity Cruises	N
9189421	Cruise	2001	BHS	11,778	24	4	1	0	TEU	Auxiliary Boiler	1,000	Celebrity Cruises	N
9189421	Cruise	2001	BHS	11,778	24	4	1	0	TEU	Main	56,594	Celebrity Cruises	N
9189495	Containership	2000	NLD	67,902	25.3	1		5618	TEU	Aux	8,361	Maersk Pacific	N
9189495	Containership	2000	NLD	67,902	25.3	1		5618	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9189495	Containership	2000	NLD	67,902	25.3	1		5618	TEU	Main	54,895	Maersk Pacific	N
9189500	Containership	2000	GBR	67,712	25.3	1		5618	TEU	Aux	8,361	Maersk Pacific	N
9189500	Containership	2000	GBR	67,712	25.3	1		5618	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9189500	Containership	2000	GBR	67,712	25.3	1		5618	TEU	Main	54,895	Maersk Pacific	N
9189926	General Cargo	1998	JPN	50,655	15.6	1		0	TEU	Aux	2,110	Grandslam Enterprise Co	N
9189926	General Cargo	1998	JPN	50,655	15.6	1		0	TEU	Auxiliary Boiler	371	Grandslam Enterprise Co	N
9189926	General Cargo	1998	JPN	50,655	15.6	1		0	TEU	Main	10,474	Grandslam Enterprise Co	N
9189938	General Cargo	1998	LBR	50,655	15.6	1		0	TEU	Aux	2,110	Grandslam Enterprise Co	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9189938	General Cargo	1998	LBR	50,655	15.6	1		0	TEU	Auxiliary Boiler	371	Grandslam Enterprise Co	N
9189938	General Cargo	1998	LBR	50,655	15.6	1		0	TEU	Main	10,474	Grandslam Enterprise Co	N
9189940	General Cargo	1998	LBR	50,655	15.6	1		0	TEU	Aux	2,110	BHP	N
9189940	General Cargo	1998	LBR	50,655	15.6	1		0	TEU	Auxiliary Boiler	371	BHP	N
9189940	General Cargo	1998	LBR	50,655	15.6	1		0	TEU	Main	10,474	BHP	N
9190016	Bulk	1999	PAN	24,115	14.1	1		0	TEU	Aux	2,028	Murssm Shipping	N
9190016	Bulk	1999	PAN	24,115	14.1	1		0	TEU	Auxiliary Boiler	109	Murssm Shipping	N
9190016	Bulk	1999	PAN	24,115	14.1	1		0	TEU	Main	5,296	Murssm Shipping	N
9191046	Bulk	1999	SGP	23,492	14.1	1		0	TEU	Aux	2,028	Inui Shipping	N
9191046	Bulk	1999	SGP	23,492	14.1	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9191046	Bulk	1999	SGP	23,492	14.1	1		0	TEU	Main	5,185	Inui Shipping	N
9191553	Tanker	2000	PAN	16,020	14.7	1		0	TEU	Aux	3,049	Tokmar	N
9191553	Tanker	2000	PAN	16,020	14.7	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9191553	Tanker	2000	PAN	16,020	14.7	1		0	TEU	Main	4,891	Tokmar	N
9192167	Cruise	2000	BHS	2,980	17.5	2		0	TEU	Aux	2,295	Silverseas	N
9192167	Cruise	2000	BHS	2,980	17.5	2		0	TEU	Auxiliary Boiler	1,000	Silverseas	N
9192167	Cruise	2000	BHS	2,980	17.5	2		0	TEU	Main	9,179	Silverseas	N
9192387	Cruise	2001	BHS	11,788	24	2	1	0	TEU	Aux	11,600	Celebrity Cruises	N
9192387	Cruise	2001	BHS	11,788	24	2	1	0	TEU	Auxiliary Boiler	1,000	Celebrity Cruises	N
9192387	Cruise	2001	BHS	11,788	24	2	1	0	TEU	Main	46,400	Celebrity Cruises	N
9193599	Tanker	1999	MHL	11,642	13	1		0	TEU	Aux	3,049	Clipper Transport	N
9193599	Tanker	1999	MHL	11,642	13	1		0	TEU	Auxiliary Boiler	3,000	Clipper Transport	N
9193599	Tanker	1999	MHL	11,642	13	1		0	TEU	Main	3,604	Clipper Transport	N
9195157	Cruise	2001	BHS	7,500	24.6	4		0	TEU	Aux	11,759	Norwegian Cruise Line	N
9195157	Cruise	2001	BHS	7,500	24.6	4		0	TEU	Auxiliary Boiler	1,000	Norwegian Cruise Line	N
9195157	Cruise	2001	BHS	7,500	24.6	4		0	TEU	Main	47,037	Norwegian Cruise Line	N
9195195	Cruise	2001	BHS	10,759	24	3		0	TEU	Aux	11,500	Royal Caribbean Cruise Li	N
9195195	Cruise	2001	BHS	10,759	24	3		0	TEU	Auxiliary Boiler	1,000	Royal Caribbean Cruise Li	N
9195195	Cruise	2001	BHS	10,759	24	3		0	TEU	Main	46,001	Royal Caribbean Cruise Li	N
9196890	Containership	2000	LBR	66,895	24	1		4890	TEU	Aux	7,434	ASM	N
9196890	Containership	2000	LBR	66,895	24	1		4890	TEU	Auxiliary Boiler	500	ASM	N
9196890	Containership	2000	LBR	66,895	24	1		4890	TEU	Main	40,055	ASM	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9196905	Containership	2000	LBR	66,922	24	1		4890	TEU	Aux	6,600	ASM	N
9196905	Containership	2000	LBR	66,922	24	1		4890	TEU	Auxiliary Boiler	500	ASM	N
9196905	Containership	2000	LBR	66,922	24	1		4890	TEU	Main	40,055	ASM	N
9196917	Containership	2000	LBR	66,910	24	1		4890	TEU	Aux	6,600	ASM	N
9196917	Containership	2000	LBR	66,910	24	1		4890	TEU	Auxiliary Boiler	500	ASM	N
9196917	Containership	2000	LBR	66,910	24	1		4890	TEU	Main	40,055	ASM	N
9196955	Containership	2000	PAN	63,045	25	1		5652	TEU	Aux	8,361	Evergreen America	N
9196955	Containership	2000	PAN	63,045	25	1		5652	TEU	Auxiliary Boiler	500	Evergreen America	N
9196955	Containership	2000	PAN	63,045	25	1		5652	TEU	Main	48,631	Evergreen America	N
9196967	Containership	2000	PAN	63,400	24	1		5652	TEU	Aux	8,361	Evergreen America	N
9196967	Containership	2000	PAN	63,400	24	1		5652	TEU	Auxiliary Boiler	500	Evergreen America	N
9196967	Containership	2000	PAN	63,400	24	1		5652	TEU	Main	48,631	Evergreen America	N
9196979	Containership	2000	ITA	63,216	25	1		5652	TEU	Aux	8,361	Evergreen America	N
9196979	Containership	2000	ITA	63,216	25	1		5652	TEU	Auxiliary Boiler	500	Evergreen America	N
9196979	Containership	2000	ITA	63,216	25	1		5652	TEU	Main	48,631	Evergreen America	N
9196981	Containership	2001	ITA	63,055	25	1		5652	TEU	Aux	8,361	Evergreen America	N
9196981	Containership	2001	ITA	63,055	25	1		5652	TEU	Auxiliary Boiler	500	Evergreen America	N
9196981	Containership	2001	ITA	63,055	25	1		5652	TEU	Main	48,631	Evergreen America	N
9196993	Containership	2001	ITA	63,074	25	1		5652	TEU	Aux	8,361	Evergreen America	N
9196993	Containership	2001	ITA	63,074	25	1		5652	TEU	Auxiliary Boiler	500	Evergreen America	N
9196993	Containership	2001	ITA	63,074	25	1		5652	TEU	Main	48,631	Evergreen America	N
9197002	General Cargo	1998	IOM	47,027	15	1		400	TEU	Aux	2,110	Saga Forest Carriers	N
9197002	General Cargo	1998	IOM	47,027	15	1		400	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9197002	General Cargo	1998	IOM	47,027	15	1		400	TEU	Main	8,951	Saga Forest Carriers	N
9197155	Tanker	1999	PAN	45,303	15.2	1		0	TEU	Aux	3,049	Waterfront Shipping	N
9197155	Tanker	1999	PAN	45,303	15.2	1		0	TEU	Auxiliary Boiler	3,000	Waterfront Shipping	N
9197155	Tanker	1999	PAN	45,303	15.2	1		0	TEU	Main	9,988	Waterfront Shipping	N
9198238	RoRo	1999	IOM	7,228	14.5	1		628	TEU	Aux	6,899	Cross Chartering	N
9198238	RoRo	1999	IOM	7,228	14.5	1		628	TEU	Auxiliary Boiler	100	Cross Chartering	N
9198238	RoRo	1999	IOM	7,228	14.5	1		628	TEU	Main	5,760	Cross Chartering	N
9198264	Containership	2000	PAN	68,303	26	1		5512	TEU	Aux	8,361	Yang Ming America	N
9198264	Containership	2000	PAN	68,303	26	1		5512	TEU	Auxiliary Boiler	500	Yang Ming America	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9198264	Containership	2000	PAN	68,303	26	1		5512	TEU	Main	54,942	Yang Ming America	N
9198393	Bulk	2000	PHL	45,578	14	1	3	0	TEU	Aux	1,320	Victoria Ship Management	N
9198393	Bulk	2000	PHL	45,578	14	1	3	0	TEU	Auxiliary Boiler	109	Victoria Ship Management	N
9198393	Bulk	2000	PHL	45,578	14	1	3	0	TEU	Main	7,171	Victoria Ship Management	N
9198575	Containership	1999	DNK	####	25	1		7226	TEU	Aux	15,000	Maersk Line	N
9198575	Containership	1999	DNK	####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Line	N
9198575	Containership	1999	DNK	####	25	1		7226	TEU	Main	54,835	Maersk Line	Y
9199268	Containership	2000	HKG	67,286	25	1		5714	TEU	Aux	8,361	OOCL (USA) Inc.	N
9199268	Containership	2000	HKG	67,286	25	1		5714	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9199268	Containership	2000	HKG	67,286	25	1		5714	TEU	Main	54,897	OOCL (USA) Inc.	N
9200421	Bulk	1998	HKG	47,027	15	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9200421	Bulk	1998	HKG	47,027	15	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9200421	Bulk	1998	HKG	47,027	15	1		0	TEU	Main	8,951	Saga Forest Carriers	N
9200550	Bulk	1999	PAN	50,249	14.8	1		0	TEU	Aux	2,028	Mitsui Bulkship	N
9200550	Bulk	1999	PAN	50,249	14.8	1		0	TEU	Auxiliary Boiler	109	Mitsui Bulkship	N
9200550	Bulk	1999	PAN	50,249	14.8	1		0	TEU	Main	8,089	Mitsui Bulkship	N
9203631	Containership	2001	LBR	68,615	26	1		5548	TEU	Aux	8,361	Yang Ming America	N
9203631	Containership	2001	LBR	68,615	26	1		5548	TEU	Auxiliary Boiler	500	Yang Ming America	N
9203631	Containership	2001	LBR	68,615	26	1		5548	TEU	Main	54,942	Yang Ming America	N
9204805	Tanker	2000	SGP	19,399	15	1		0	TEU	Aux	3,049	Fairfield Chem. Carriers	N
9204805	Tanker	2000	SGP	19,399	15	1		0	TEU	Auxiliary Boiler	3,000	Fairfield Chem. Carriers	N
9204805	Tanker	2000	SGP	19,399	15	1		0	TEU	Main	6,178	Fairfield Chem. Carriers	N
9207807	Bulk	1999	PHL	45,630	14	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9207807	Bulk	1999	PHL	45,630	14	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9207807	Bulk	1999	PHL	45,630	14	1		0	TEU	Main	8,311	Western Bulk Carriers	N
9208370	Bulk	2000	PAN	48,369	14.5	1		0	TEU	Aux	2,028	MOL	N
9208370	Bulk	2000	PAN	48,369	14.5	1		0	TEU	Auxiliary Boiler	109	MOL	N
9208370	Bulk	2000	PAN	48,369	14.5	1		0	TEU	Main	7,207	MOL	N
9209219	Bulk	2000	PAN	47,787	14.5	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9209219	Bulk	2000	PAN	47,787	14.5	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9209219	Bulk	2000	PAN	47,787	14.5	1		0	TEU	Main	6,778	Western Bulk Carriers	N
9210139	Cruise	2001	BHS	4,700	19.5	4		0	TEU	Aux	6,720	Radisson Seven Sea Cruise	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9210139	Cruise	2001	BHS	4,700	19.5	4		0	TEU	Auxiliary Boiler	1,000	Radisson Seven Sea Cruise	N
9210139	Cruise	2001	BHS	4,700	19.5	4		0	TEU	Main	26,878	Radisson Seven Sea Cruise	N
9210218	Cruise	2000	MHL	2,700	18	4		0	TEU	Aux	3,720	Oceania Cruises	N
9210218	Cruise	2000	MHL	2,700	18	4		0	TEU	Auxiliary Boiler	1,000	Oceania Cruises	N
9210218	Cruise	2000	MHL	2,700	18	4		0	TEU	Main	14,879	Oceania Cruises	N
9211169	Containership	2000	DEU	67,737	24.9	1		5762	TEU	Aux	9,390	OOCL (USA) Inc.	N
9211169	Containership	2000	DEU	67,737	24.9	1		5762	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9211169	Containership	2000	DEU	67,737	24.9	1		5762	TEU	Main	55,699	OOCL (USA) Inc.	N
9211482	Containership	2001	NLD	88,700	24.5	1	5	6978	TEU	Aux	11,830	Maersk Pacific	N
9211482	Containership	2001	NLD	88,700	24.5	1	5	6978	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9211482	Containership	2001	NLD	88,700	24.5	1	5	6978	TEU	Main	65,874	Maersk Pacific	N
9211494	Containership	2001	GBR	88,669	24.5	1	5	6978	TEU	Aux	11,830	Maersk Pacific	N
9211494	Containership	2001	GBR	88,669	24.5	1	5	6978	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9211494	Containership	2001	GBR	88,669	24.5	1	5	6978	TEU	Main	65,829	Maersk Pacific	N
9211547	Bulk	2000	MLT	28,385	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9211547	Bulk	2000	MLT	28,385	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9211547	Bulk	2000	MLT	28,385	14	1		0	TEU	Main	5,391	STX Panocean Shpg.	N
9211602	Bulk	2000	PHL	74,228	15	1		0	TEU	Aux	2,028	Bottiglieri Di Navigazione	N
9211602	Bulk	2000	PHL	74,228	15	1		0	TEU	Auxiliary Boiler	109	Bottiglieri Di Navigazione	N
9211602	Bulk	2000	PHL	74,228	15	1		0	TEU	Main	8,826	Bottiglieri Di Navigazione	N
9213284	Containership	2000	ATG	52,250	22.5	1		4038	TEU	Aux	7,434	ASM	N
9213284	Containership	2000	ATG	52,250	22.5	1		4038	TEU	Auxiliary Boiler	500	ASM	N
9213284	Containership	2000	ATG	52,250	22.5	1		4038	TEU	Main	36,473	ASM	N
9213454	Auto Carrier	2000	PAN	20,202	20	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9213454	Auto Carrier	2000	PAN	20,202	20	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9213454	Auto Carrier	2000	PAN	20,202	20	1		0	TEU	Main	14,120	Mitsui Bulkship	N
9213571	Containership	2000	DEU	67,557	26.1	1		5762	TEU	Aux	8,361	Maersk Pacific	N
9213571	Containership	2000	DEU	67,557	26.1	1		5762	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9213571	Containership	2000	DEU	67,557	26.1	1		5762	TEU	Main	54,893	Maersk Pacific	N
9213583	Containership	2000	LBR	67,660	26.1	1		5762	TEU	Aux	8,361	Maersk Pacific	N
9213583	Containership	2000	LBR	67,660	26.1	1		5762	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9213583	Containership	2000	LBR	67,660	26.1	1		5762	TEU	Main	54,893	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9214202	Containership	2000	DEU	67,566	25.8	1		5762	TEU	Aux	8,361	Maersk Pacific	N
9214202	Containership	2000	DEU	67,566	25.8	1		5762	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9214202	Containership	2000	DEU	67,566	25.8	1		5762	TEU	Main	54,897	Maersk Pacific	N
9214214	Containership	2000	LBR	67,580	24.9	1		5762	TEU	Aux	9,390	OOCL (USA) Inc.	N
9214214	Containership	2000	LBR	67,580	24.9	1		5762	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9214214	Containership	2000	LBR	67,580	24.9	1		5762	TEU	Main	54,897	OOCL (USA) Inc.	N
9214226	Containership	2001	LBR	67,591	25	1		5762	TEU	Aux	9,390	OOCL (USA) Inc.	N
9214226	Containership	2001	LBR	67,591	25	1		5762	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9214226	Containership	2001	LBR	67,591	25	1		5762	TEU	Main	54,897	OOCL (USA) Inc.	N
9214317	Tanker	2002	NOR	37,518	15	1		0	TEU	Aux	3,049	Odfjell	N
9214317	Tanker	2002	NOR	37,518	15	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9214317	Tanker	2002	NOR	37,518	15	1		0	TEU	Main	11,044	Odfjell	N
9214903	Containership	2000	DNK	####	25	1		7226	TEU	Aux	13,645	Maersk Pacific	N
9214903	Containership	2000	DNK	####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9214903	Containership	2000	DNK	####	25	1		7226	TEU	Main	54,835	Maersk Pacific	Y
9215268	Tanker	2005	SGP	39,842	15.3	1		0	TEU	Aux	3,049	Odfjell	N
9215268	Tanker	2005	SGP	39,842	15.3	1		0	TEU	Auxiliary Boiler	3,000	Odfjell	N
9215268	Tanker	2005	SGP	39,842	15.3	1		0	TEU	Main	12,750	Odfjell	N
9215311	Containership	2001	NLD	88,700	24.5	1	5	6978	TEU	Aux	11,830	Maersk Pacific	N
9215311	Containership	2001	NLD	88,700	24.5	1	5	6978	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9215311	Containership	2001	NLD	88,700	24.5	1	5	6978	TEU	Main	65,874	Maersk Pacific	N
9215323	Containership	2001	GBR	83,370	24.5	1	5	6978	TEU	Aux	11,830	Maersk Pacific	N
9215323	Containership	2001	GBR	83,370	24.5	1	5	6978	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9215323	Containership	2001	GBR	83,370	24.5	1	5	6978	TEU	Main	65,874	Maersk Pacific	N
9216987	Containership	2000	LBR	68,122	26	1		5551	TEU	Aux	8,361	China Shipping	N
9216987	Containership	2000	LBR	68,122	26	1		5551	TEU	Auxiliary Boiler	500	China Shipping	N
9216987	Containership	2000	LBR	68,122	26	1		5551	TEU	Main	54,942	China Shipping	N
9216999	Containership	2001	LBR	68,122	26	1		5551	TEU	Aux	8,361	China Shipping	N
9216999	Containership	2001	LBR	68,122	26	1		5551	TEU	Auxiliary Boiler	500	China Shipping	N
9216999	Containership	2001	LBR	68,122	26	1		5551	TEU	Main	54,942	China Shipping	N
9218064	Bulk	2001	HKG	28,456	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9218064	Bulk	2001	HKG	28,456	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9218064	Bulk	2001	HKG	28,456	14	1		0	TEU	Main	5,884	STX Panocean Shpg.	N
9218076	Bulk	2001	HKG	28,438	14	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9218076	Bulk	2001	HKG	28,438	14	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9218076	Bulk	2001	HKG	28,438	14	1		0	TEU	Main	5,884	Hyundai Mer. Marine	N
9218131	Cruise	2001	BHS	7,100	20	6		0	TEU	Aux	9,841	Norwegian Cruise Line	N
9218131	Cruise	2001	BHS	7,100	20	6		0	TEU	Auxiliary Boiler	1,000	Norwegian Cruise Line	N
9218131	Cruise	2001	BHS	7,100	20	6		0	TEU	Main	39,366	Norwegian Cruise Line	N
9218404	Bulk	2001	PAN	32,787	14.4	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9218404	Bulk	2001	PAN	32,787	14.4	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9218404	Bulk	2001	PAN	32,787	14.4	1		0	TEU	Main	7,061	STX Panocean Shpg.	N
9218650	Containership	2001	SGP	67,987	25	1		5510	TEU	Aux	8,361	ASM	N
9218650	Containership	2001	SGP	67,987	25	1		5510	TEU	Auxiliary Boiler	500	ASM	N
9218650	Containership	2001	SGP	67,987	25	1		5510	TEU	Main	54,898	ASM	Y
9218662	Containership	2001	SGP	67,500	25	1		5510	TEU	Aux	9,240	ASM	N
9218662	Containership	2001	SGP	67,500	25	1		5510	TEU	Auxiliary Boiler	500	ASM	N
9218662	Containership	2001	SGP	67,500	25	1		5510	TEU	Main	54,898	ASM	Y
9218674	Containership	2001	SGP	67,500	25	1		5510	TEU	Aux	9,240	ASM	N
9218674	Containership	2001	SGP	67,500	25	1		5510	TEU	Aux	11,600	ASM	N
9218674	Containership	2001	SGP	67,500	25	1		5510	TEU	Auxiliary Boiler	500	ASM	N
9218674	Containership	2001	SGP	67,500	25	1		5510	TEU	Main	54,898	ASM	Y
9219264	Tanker	2001	SWE	31,265	14.5	1		0	TEU	Aux	3,049	Chevron Transport	N
9219264	Tanker	2001	SWE	31,265	14.5	1		0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
9219264	Tanker	2001	SWE	31,265	14.5	1		0	TEU	Main	7,860	Chevron Transport	N
9219355	Containership	2001	ATG	42,300	22.5	1		3091	TEU	Aux	4,697	Norasia	N
9219355	Containership	2001	ATG	42,300	22.5	1		3091	TEU	Auxiliary Boiler	500	Norasia	N
9219355	Containership	2001	ATG	42,300	22.5	1		3091	TEU	Main	26,270	Norasia	N
9219393	Containership	2003	LBR	41,850	22.5	1		3091	TEU	Aux	4,697	ASM	N
9219393	Containership	2003	LBR	41,850	22.5	1		3091	TEU	Auxiliary Boiler	500	ASM	N
9219393	Containership	2003	LBR	41,850	22.5	1		3091	TEU	Main	25,228	ASM	N
9219795	Containership	2000	DNK	#####	25	1		7226	TEU	Aux	13,645	Maersk Pacific	N
9219795	Containership	2000	DNK	#####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9219795	Containership	2000	DNK	#####	25	1		7226	TEU	Main	54,835	Maersk Pacific	Y

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9221059	Containership	2001	LBR	20,700	18.5	1		1550	TEU	Aux	2,753	Maersk Pacific	N
9221059	Containership	2001	LBR	20,700	18.5	1		1550	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9221059	Containership	2001	LBR	20,700	18.5	1		1550	TEU	Main	13,530	Maersk Pacific	N
9221114	Bulk	2001	GRC	52,055	14.8	1	4	0	TEU	Aux	2,229	Mur Shipping	N
9221114	Bulk	2001	GRC	52,055	14.8	1	4	0	TEU	Auxiliary Boiler	109	Mur Shipping	N
9221114	Bulk	2001	GRC	52,055	14.8	1	4	0	TEU	Main	8,730	Mur Shipping	N
9221671	Tanker	2000	MHL	44,996	15	1		0	TEU	Aux	3,049	Morgan Stanley	N
9221671	Tanker	2000	MHL	44,996	15	1		0	TEU	Auxiliary Boiler	3,000	Morgan Stanley	N
9221671	Tanker	2000	MHL	44,996	15	1		0	TEU	Main	8,561	Morgan Stanley	N
9222974	Containership	2001	LBR	68,196	26.1	1		5762	TEU	Aux	8,361	China Shipping	N
9222974	Containership	2001	LBR	68,196	26.1	1		5762	TEU	Auxiliary Boiler	500	China Shipping	N
9222974	Containership	2001	LBR	68,196	26.1	1		5762	TEU	Main	54,897	China Shipping	N
9224300	Containership	2001	HKG	50,798	23.3	1		4253	TEU	Aux	7,434	China Shipping	N
9224300	Containership	2001	HKG	50,798	23.3	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9224300	Containership	2001	HKG	50,798	23.3	1		4253	TEU	Main	36,512	China Shipping	N
9224312	Containership	2001	HKG	50,790	24.5	1		4253	TEU	Aux	7,434	China Shipping	N
9224312	Containership	2001	HKG	50,790	24.5	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9224312	Containership	2001	HKG	50,790	24.5	1		4253	TEU	Main	36,512	China Shipping	N
9224348	Containership	2002	MHL	50,900	24.5	1	5	4253	TEU	Aux	7,440	China Shipping	N
9224348	Containership	2002	MHL	50,900	24.5	1	5	4253	TEU	Auxiliary Boiler	500	China Shipping	N
9224348	Containership	2002	MHL	50,900	24.5	1	5	4253	TEU	Main	36,540	China Shipping	N
9224491	Containership	2001	LBR	68,303	25	1		5512	TEU	Aux	8,361	Yang Ming America	N
9224491	Containership	2001	LBR	68,303	25	1		5512	TEU	Auxiliary Boiler	500	Yang Ming America	N
9224491	Containership	2001	LBR	68,303	25	1		5512	TEU	Main	54,942	Yang Ming America	N
9225251	General Cargo	2002	ITA	37,420	14.5	1	4	1878	TEU	Aux	2,521	Gearbulk Shipping	N
9225251	General Cargo	2002	ITA	37,420	14.5	1	4	1878	TEU	Auxiliary Boiler	371	Gearbulk Shipping	N
9225251	General Cargo	2002	ITA	37,420	14.5	1	4	1878	TEU	Main	7,788	Gearbulk Shipping	N
9226671	Bulk	2001	PAN	48,907	14.5	1		0	TEU	Aux	2,028	MOL	N
9226671	Bulk	2001	PAN	48,907	14.5	1		0	TEU	Auxiliary Boiler	109	MOL	N
9226671	Bulk	2001	PAN	48,907	14.5	1		0	TEU	Main	7,699	MOL	N
9226695	General Cargo	2000	ATG	7,071	16.5	1		487	TEU	Aux	2,110	J. Poulsen Shipping	N
9226695	General Cargo	2000	ATG	7,071	16.5	1		487	TEU	Auxiliary Boiler	371	J. Poulsen Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9226695	General Cargo	2000	ATG	7,071	16.5	1		487	TEU	Main	5,399	J. Poulsen Shipping	N
9227039	Containership	2002	HKG	50,871	23.3	1	5	4253	TEU	Aux	7,440	China Shipping	N
9227039	Containership	2002	HKG	50,871	23.3	1	5	4253	TEU	Auxiliary Boiler	500	China Shipping	N
9227039	Containership	2002	HKG	50,871	23.3	1	5	4253	TEU	Main	36,515	China Shipping	N
9227467	Bulk	2001	PAN	50,341	14	1		0	TEU	Aux	2,028	K Line	N
9227467	Bulk	2001	PAN	50,341	14	1		0	TEU	Auxiliary Boiler	109	K Line	N
9227467	Bulk	2001	PAN	50,341	14	1		0	TEU	Main	8,089	K Line	N
9228186	Cruise	2004	BMU	7,921	23	5	2	0	TEU	Aux	12,139	Princess Cruises	N
9228186	Cruise	2004	BMU	7,921	23	5	2	0	TEU	Auxiliary Boiler	1,000	Princess Cruises	N
9228186	Cruise	2004	BMU	7,921	23	5	2	0	TEU	Main	48,557	Princess Cruises	N
9228198	Cruise	2004	BMU	14,274	23	5	2	0	TEU	Aux	12,140	Princess Cruises	N
9228198	Cruise	2004	BMU	14,274	23	5	2	0	TEU	Auxiliary Boiler	1,000	Princess Cruises	N
9228198	Cruise	2004	BMU	14,274	23	5	2	0	TEU	Main	48,561	Princess Cruises	N
9228643	Bulk	2001	PAN	35,062	14.5	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9228643	Bulk	2001	PAN	35,062	14.5	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9228643	Bulk	2001	PAN	35,062	14.5	1		0	TEU	Main	7,796	STX Panocean Shpg.	N
9229300	Containership	2001	PAN	77,900	25	1	5	6178	TEU	Aux	12,126	NYK Line	N
9229300	Containership	2001	PAN	77,900	25	1	5	6178	TEU	Auxiliary Boiler	500	NYK Line	N
9229300	Containership	2001	PAN	77,900	25	1	5	6178	TEU	Main	63,495	NYK Line	N
9229348	Containership	2002	PAN	77,900	25	1	5	6178	TEU	Aux	12,126	NYK Line	N
9229348	Containership	2002	PAN	77,900	25	1	5	6178	TEU	Auxiliary Boiler	500	NYK Line	N
9229348	Containership	2002	PAN	77,900	25	1	5	6178	TEU	Main	68,635	NYK Line	N
9229659	Cruise	2002	BMU	8,015	21.5	3	2	0	TEU	Aux	12,537	Princess Cruises	N
9229659	Cruise	2002	BMU	8,015	21.5	3	2	0	TEU	Auxiliary Boiler	1,000	Princess Cruises	N
9229659	Cruise	2002	BMU	8,015	21.5	3	2	0	TEU	Main	50,147	Princess Cruises	N
9230232	Containership	2002	SGP	23,629	21	1		1675	TEU	Aux	2,753	Wan Hai	N
9230232	Containership	2002	SGP	23,629	21	1		1675	TEU	Auxiliary Boiler	500	Wan Hai	N
9230232	Containership	2002	SGP	23,629	21	1		1675	TEU	Main	15,784	Wan Hai	N
9230402	Cruise	2003	BMU	8,015	24	3	2	0	TEU	Aux	12,537	Princess Cruises	N
9230402	Cruise	2003	BMU	8,015	24	3	2	0	TEU	Auxiliary Boiler	1,000	Princess Cruises	N
9230402	Cruise	2003	BMU	8,015	24	3	2	0	TEU	Main	50,147	Princess Cruises	N
9230414	MISC	2001	NOR	13,129	12	2		0	TEU	Aux	1,505	SM China	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9230414	MISC	2001	NOR	13,129	12	2		0	TEU	Auxiliary Boiler	371	SM China	N
9230414	MISC	2001	NOR	13,129	12	2		0	TEU	Main	7,708	SM China	N
9231236	Containership	2001	LBR	67,500	25	1		5762	TEU	Aux	12,600	ASM	N
9231236	Containership	2001	LBR	67,500	25	1		5762	TEU	Auxiliary Boiler	500	ASM	N
9231236	Containership	2001	LBR	67,500	25	1		5762	TEU	Main	54,898	ASM	N
9231262	Containership	2002	SGP	68,025	25	1		5762	TEU	Aux	8,361	ASM	N
9231262	Containership	2002	SGP	68,025	25	1		5762	TEU	Auxiliary Boiler	500	ASM	N
9231262	Containership	2002	SGP	68,025	25	1		5762	TEU	Main	54,898	ASM	N
9231377	Bulk	2001	PAN	74,100	14	1		0	TEU	Aux	2,028	Swissmarine Svcs S.A.	N
9231377	Bulk	2001	PAN	74,100	14	1		0	TEU	Auxiliary Boiler	109	Swissmarine Svcs S.A.	N
9231377	Bulk	2001	PAN	74,100	14	1		0	TEU	Main	8,944	Swissmarine Svcs S.A.	N
9232151	Bulk	2003	GRC	53,806	14.7	1	4	0	TEU	Aux	2,089	Hyundai Tramper	N
9232151	Bulk	2003	GRC	53,806	14.7	1	4	0	TEU	Auxiliary Boiler	109	Hyundai Tramper	N
9232151	Bulk	2003	GRC	53,806	14.7	1	4	0	TEU	Main	9,400	Hyundai Tramper	N
9232412	Containership	2002	ATG	33,500	22.2	1		2478	TEU	Aux	4,870	CSAV	N
9232412	Containership	2002	ATG	33,500	22.2	1		2478	TEU	Auxiliary Boiler	500	CSAV	N
9232412	Containership	2002	ATG	33,500	22.2	1		2478	TEU	Main	20,929	CSAV	N
9232591	Tanker	2002	MHL	69,697	14.6	1	7	0	TEU	Aux	4,287	Cape Tankers	N
9232591	Tanker	2002	MHL	69,697	14.6	1	7	0	TEU	Auxiliary Boiler	3,000	Cape Tankers	N
9232591	Tanker	2002	MHL	69,697	14.6	1	7	0	TEU	Main	10,217	Cape Tankers	N
9232618	Tanker	2002	MHL	69,599	14.6	1	7	0	TEU	Aux	4,287	Cape Tankers	N
9232618	Tanker	2002	MHL	69,599	14.6	1	7	0	TEU	Auxiliary Boiler	3,000	Cape Tankers	N
9232618	Tanker	2002	MHL	69,599	14.6	1	7	0	TEU	Main	10,217	Cape Tankers	N
9232709	Tanker	2001	CHN	45,823	14	1		0	TEU	Aux	3,049	Heidenreich Marine	N
9232709	Tanker	2001	CHN	45,823	14	1		0	TEU	Auxiliary Boiler	3,000	Heidenreich Marine	N
9232709	Tanker	2001	CHN	45,823	14	1		0	TEU	Main	8,522	Heidenreich Marine	N
9232711	Tanker	2001	CHN	46,000	15	1		0	TEU	Aux	3,049	Nanjing Petroleum Transp	N
9232711	Tanker	2001	CHN	46,000	15	1		0	TEU	Auxiliary Boiler	3,000	Nanjing Petroleum Transp	N
9232711	Tanker	2001	CHN	46,000	15	1		0	TEU	Main	8,519	Nanjing Petroleum Transp	N
9232802	General Cargo	2001	BHS	47,818	14.2	1		424	TEU	Aux	2,110	Gearbulk Shipping	N
9232802	General Cargo	2001	BHS	47,818	14.2	1		424	TEU	Auxiliary Boiler	371	Gearbulk Shipping	N
9232802	General Cargo	2001	BHS	47,818	14.2	1		424	TEU	Main	8,900	Gearbulk Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9232890	Containership	2001	BHS	51,020	24.3	1		4132	TEU	Aux	7,434	CMA-CGM	N
9232890	Containership	2001	BHS	51,020	24.3	1		4132	TEU	Auxiliary Boiler	500	CMA-CGM	N
9232890	Containership	2001	BHS	51,020	24.3	1		4132	TEU	Main	36,445	CMA-CGM	N
9233428	Bulk	2002	PAN	51,008	14.5	1		0	TEU	Aux	2,028	San Juan Navigation	N
9233428	Bulk	2002	PAN	51,008	14.5	1		0	TEU	Auxiliary Boiler	109	San Juan Navigation	N
9233428	Bulk	2002	PAN	51,008	14.5	1		0	TEU	Main	9,466	San Juan Navigation	N
9233454	Bulk	2001	HKG	46,882	14.9	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9233454	Bulk	2001	HKG	46,882	14.9	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9233454	Bulk	2001	HKG	46,882	14.9	1		0	TEU	Main	9,510	Saga Forest Carriers	N
9233466	Bulk	2002	HKG	46,901	14.9	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9233466	Bulk	2002	HKG	46,901	14.9	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9233466	Bulk	2002	HKG	46,901	14.9	1		0	TEU	Main	9,510	Saga Forest Carriers	N
9233973	Tanker	2002	PAN	45,763	14	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9233973	Tanker	2002	PAN	45,763	14	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9233973	Tanker	2002	PAN	45,763	14	1		0	TEU	Main	8,580	Mitsui OSK Lines	N
9234331	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9234331	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9234331	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Main	54,719	China Shipping	N
9234343	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9234343	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9234343	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Main	54,809	China Shipping	N
9234355	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9234355	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9234355	Containership	2003	CHN	69,023	25.7	1		5668	TEU	Main	54,809	China Shipping	N
9234379	Containership	2002	ATG	12,920	19	1		1102	TEU	Aux	2,753	Maersk Pacific	N
9234379	Containership	2002	ATG	12,920	19	1		1102	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9234379	Containership	2002	ATG	12,920	19	1		1102	TEU	Main	9,730	Maersk Pacific	N
9235086	Containership	2000	ATG	52,250	22.5	1		4038	TEU	Aux	7,434	ASM	N
9235086	Containership	2000	ATG	52,250	22.5	1		4038	TEU	Auxiliary Boiler	500	ASM	N
9235086	Containership	2000	ATG	52,250	22.5	1		4038	TEU	Main	36,473	ASM	N
9235555	Containership	2002	ATF	61,636	24.2	1		4318	TEU	Aux	9,120	Maersk Pacific	N
9235555	Containership	2002	ATF	61,636	24.2	1		4318	TEU	Auxiliary Boiler	500	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9235555	Containership	2002	ATF	61,636	24.2	1		4318	TEU	Main	43,100	Maersk Pacific	Y
9235567	Containership	2003	GBR	61,649	24.2	1	5	4318	TEU	Aux	9,895	Maersk Pacific	N
9235567	Containership	2003	GBR	61,649	24.2	1	5	4318	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9235567	Containership	2003	GBR	61,649	24.2	1	5	4318	TEU	Main	43,066	Maersk Pacific	Y
9235579	Containership	2003	ATF	61,636	24.2	1		4318	TEU	Aux	9,120	Maersk Pacific	N
9235579	Containership	2003	ATF	61,636	24.2	1		4318	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9235579	Containership	2003	ATF	61,636	24.2	1		4318	TEU	Main	45,674	Maersk Pacific	N
9235816	Containership	2002	DEU	33,817	21	1		2470	TEU	Aux	4,870	Maersk Pacific	N
9235816	Containership	2002	DEU	33,817	21	1		2470	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9235816	Containership	2002	DEU	33,817	21	1		2470	TEU	Main	21,558	Maersk Pacific	N
9236236	Containership	2003	LBR	23,493	19.5	1		1740	TEU	Aux	3,780	Maersk Pacific	N
9236236	Containership	2003	LBR	23,493	19.5	1		1740	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9236236	Containership	2003	LBR	23,493	19.5	1		1740	TEU	Main	15,784	Maersk Pacific	N
9236688	Containership	2001	MHL	33,657	22	1		2524	TEU	Aux	4,870	CSAV	N
9236688	Containership	2001	MHL	33,657	22	1		2524	TEU	Auxiliary Boiler	500	CSAV	N
9236688	Containership	2001	MHL	33,657	22	1		2524	TEU	Main	19,808	CSAV	N
9237084	Containership	2002	SGP	30,738	21.5	1		2226	TEU	Aux	4,870	Wan Hai	N
9237084	Containership	2002	SGP	30,738	21.5	1		2226	TEU	Auxiliary Boiler	500	Wan Hai	N
9237084	Containership	2002	SGP	30,738	21.5	1		2226	TEU	Main	24,830	Wan Hai	N
9237486	Containership	2004	LBR	41,748	22.5	1		3091	TEU	Aux	4,697	Norasia	N
9237486	Containership	2004	LBR	41,748	22.5	1		3091	TEU	Auxiliary Boiler	500	Norasia	N
9237486	Containership	2004	LBR	41,748	22.5	1		3091	TEU	Main	25,228	Norasia	N
9237498	Containership	2004	LBR	41,792	22.1	1		3091	TEU	Aux	4,697	Norasia	N
9237498	Containership	2004	LBR	41,792	22.1	1		3091	TEU	Auxiliary Boiler	500	Norasia	N
9237498	Containership	2004	LBR	41,792	22.1	1		3091	TEU	Main	26,270	Norasia	N
9238193	Bulk	2002	HKG	52,828	14.5	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9238193	Bulk	2002	HKG	52,828	14.5	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9238193	Bulk	2002	HKG	52,828	14.5	1		0	TEU	Main	8,561	Western Bulk Carriers	N
9238777	Containership	2003	GBR	50,760	23.3	1	5	4253	TEU	Aux	7,440	CP Ships	N
9238777	Containership	2003	GBR	50,760	23.3	1	5	4253	TEU	Auxiliary Boiler	500	CP Ships	N
9238777	Containership	2003	GBR	50,760	23.3	1	5	4253	TEU	Main	36,512	CP Ships	N
9238791	Containership	2003	LBR	50,900	23.3	1	5	4253	TEU	Aux	7,440	CMA-CGM	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9238791	Containership	2003	LBR	50,900	23.3	1	5	4253	TEU	Auxiliary Boiler	500	CMA-CGM	N
9238791	Containership	2003	LBR	50,900	23.3	1	5	4253	TEU	Main	36,515	CMA-CGM	N
9239472	Tanker	2002	ITA	40,166	15	1		0	TEU	Aux	3,049	Handytankers	N
9239472	Tanker	2002	ITA	40,166	15	1		0	TEU	Auxiliary Boiler	3,000	Handytankers	N
9239472	Tanker	2002	ITA	40,166	15	1		0	TEU	Main	8,561	Handytankers	N
9239628	Tanker	2002	MHL	69,684	14.6	1	4	0	TEU	Aux	3,031	OSG Ship Mgmt.	N
9239628	Tanker	2002	MHL	69,684	14.6	1	4	0	TEU	Auxiliary Boiler	3,000	OSG Ship Mgmt.	N
9239628	Tanker	2002	MHL	69,684	14.6	1	4	0	TEU	Main	10,217	OSG Ship Mgmt.	N
9240328	Containership	2002	DEU	35,768	22	1		2764	TEU	Aux	4,870	CSAV	N
9240328	Containership	2002	DEU	35,768	22	1		2764	TEU	Auxiliary Boiler	500	CSAV	N
9240328	Containership	2002	DEU	35,768	22	1		2764	TEU	Main	24,830	CSAV	N
9240706	Tanker	2003	BHS	37,164	14.5	1		0	TEU	Aux	3,049	Tomasos	N
9240706	Tanker	2003	BHS	37,164	14.5	1		0	TEU	Auxiliary Boiler	3,000	Tomasos	N
9240706	Tanker	2003	BHS	37,164	14.5	1		0	TEU	Main	9,466	Tomasos	N
9240720	Tanker	2002	BHS	37,114	15	1		0	TEU	Aux	3,049	Tomasos	N
9240720	Tanker	2002	BHS	37,114	15	1		0	TEU	Auxiliary Boiler	3,000	Tomasos	N
9240720	Tanker	2002	BHS	37,114	15	1		0	TEU	Main	9,466	Tomasos	N
9240835	Bulk	2002	HKG	52,828	14.5	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9240835	Bulk	2002	HKG	52,828	14.5	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9240835	Bulk	2002	HKG	52,828	14.5	1		0	TEU	Main	8,561	Western Bulk Carriers	N
9241061	Cruise	2003	GBR	19,189	29.4	6	2	0	TEU	Aux	25,372	Cunard	N
9241061	Cruise	2003	GBR	19,189	29.4	6	2	0	TEU	Auxiliary Boiler	1,000	Cunard	N
9241061	Cruise	2003	GBR	19,189	29.4	6	2	0	TEU	Main	101,490	Cunard	N
9241205	Containership	2003	LBR	39,421	21.8	1		2824	TEU	Aux	6,000	Norasia	N
9241205	Containership	2003	LBR	39,421	21.8	1		2824	TEU	Auxiliary Boiler	500	Norasia	N
9241205	Containership	2003	LBR	39,421	21.8	1		2824	TEU	Main	25,270	Norasia	N
9241281	Containership	2002	GBR	75,804	24.5	1		6332	TEU	Aux	12,000	Evergreen America	N
9241281	Containership	2002	GBR	75,804	24.5	1		6332	TEU	Auxiliary Boiler	500	Evergreen America	N
9241281	Containership	2002	GBR	75,804	24.5	1		6332	TEU	Main	48,631	Evergreen America	N
9241293	Containership	2003	GBR	75,814	24.5	1		6332	TEU	Aux	12,000	Evergreen America	N
9241293	Containership	2003	GBR	75,814	24.5	1		6332	TEU	Auxiliary Boiler	500	Evergreen America	N
9241293	Containership	2003	GBR	75,814	24.5	1		6332	TEU	Main	48,631	Evergreen America	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9241308	Containership	2002	GBR	75,952	25	1		6332	TEU	Aux	13,226	Evergreen America	N
9241308	Containership	2002	GBR	75,952	25	1		6332	TEU	Auxiliary Boiler	500	Evergreen America	N
9241308	Containership	2002	GBR	75,952	25	1		6332	TEU	Main	48,631	Evergreen America	N
9241322	Containership	2002	GBR	75,801	24.5	1		6332	TEU	Aux	13,226	Evergreen America	N
9241322	Containership	2002	GBR	75,801	24.5	1		6332	TEU	Auxiliary Boiler	500	Evergreen America	N
9241322	Containership	2002	GBR	75,801	24.5	1		6332	TEU	Main	48,600	Evergreen America	N
9241449	Containership	2002	LBR	20,463	19.5	1		1550	TEU	Aux	3,780	Maersk Pacific	N
9241449	Containership	2002	LBR	20,463	19.5	1		1550	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9241449	Containership	2002	LBR	20,463	19.5	1		1550	TEU	Main	13,530	Maersk Pacific	N
9242546	Bulk	2001	HKG	28,460	14	1		0	TEU	Aux	2,028	Pacbasin	N
9242546	Bulk	2001	HKG	28,460	14	1		0	TEU	Auxiliary Boiler	109	Pacbasin	N
9242546	Bulk	2001	HKG	28,460	14	1		0	TEU	Main	5,884	Pacbasin	N
9243459	Bulk	2001	PAN	52,489	14.5	1		0	TEU	Aux	2,028	Canpotex	N
9243459	Bulk	2001	PAN	52,489	14.5	1		0	TEU	Auxiliary Boiler	109	Canpotex	N
9243459	Bulk	2001	PAN	52,489	14.5	1		0	TEU	Main	7,800	Canpotex	N
9243667	Cruise	2003	BHS	10,810	22	6	1	0	TEU	Aux	10,440	Crystal Cruises	N
9243667	Cruise	2003	BHS	10,810	22	6	1	0	TEU	Auxiliary Boiler	1,000	Crystal Cruises	N
9243667	Cruise	2003	BHS	10,810	22	6	1	0	TEU	Main	41,761	Crystal Cruises	N
9244362	Bulk	2001	GRC	74,090	14.5	1	4	0	TEU	Aux	1,787	Swissmarine Svcs S.A.	N
9244362	Bulk	2001	GRC	74,090	14.5	1	4	0	TEU	Auxiliary Boiler	109	Swissmarine Svcs S.A.	N
9244362	Bulk	2001	GRC	74,090	14.5	1	4	0	TEU	Main	7,811	Swissmarine Svcs S.A.	N
9244386	Tanker	2001	PAN	12,498	13	1		0	TEU	Aux	3,049	Serromah Shpg.	N
9244386	Tanker	2001	PAN	12,498	13	1		0	TEU	Auxiliary Boiler	3,000	Serromah Shpg.	N
9244386	Tanker	2001	PAN	12,498	13	1		0	TEU	Main	3,640	Serromah Shpg.	N
9244893	Bulk	2001	PAN	52,416	14.5	1		0	TEU	Aux	2,028	K Line	N
9244893	Bulk	2001	PAN	52,416	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9244893	Bulk	2001	PAN	52,416	14.5	1		0	TEU	Main	7,799	K Line	N
9245691	Tanker	2002	CHN	45,773	13.5	1		0	TEU	Aux	3,049	Nanjing Petroleum Transp	N
9245691	Tanker	2002	CHN	45,773	13.5	1		0	TEU	Auxiliary Boiler	3,000	Nanjing Petroleum Transp	N
9245691	Tanker	2002	CHN	45,773	13.5	1		0	TEU	Main	8,519	Nanjing Petroleum Transp	N
9245756	Containership	2002	DNK	####	25	1		7226	TEU	Aux	10,365	Maersk Pacific	N
9245756	Containership	2002	DNK	####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9245756	Containership	2002	DNK	####	25	1		7226	TEU	Main	65,874	Maersk Pacific	N
9245768	Containership	2002	DNK	####	25	1		7226	TEU	Aux	10,365	Maersk Pacific	N
9245768	Containership	2002	DNK	####	25	1		7226	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9245768	Containership	2002	DNK	####	25	1		7226	TEU	Main	65,874	Maersk Pacific	N
9246449	Tanker	2002	MHL	44,999	14.5	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
9246449	Tanker	2002	MHL	44,999	14.5	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9246449	Tanker	2002	MHL	44,999	14.5	1		0	TEU	Main	8,561	ST Shipping & Transport	N
9246683	Containership	2005	LBR	42,157	22.5	1		3091	TEU	Aux	4,697	Norasia	N
9246683	Containership	2005	LBR	42,157	22.5	1		3091	TEU	Auxiliary Boiler	500	Norasia	N
9246683	Containership	2005	LBR	42,157	22.5	1		3091	TEU	Main	25,963	Norasia	N
9246803	Tanker	2002	DNK	46,308	14.5	1		0	TEU	Aux	3,049	Dampskibsselskabet	N
9246803	Tanker	2002	DNK	46,308	14.5	1		0	TEU	Auxiliary Boiler	3,000	Dampskibsselskabet	N
9246803	Tanker	2002	DNK	46,308	14.5	1		0	TEU	Main	8,561	Dampskibsselskabet	N
9246841	Bulk	2001	PAN	28,492	14	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9246841	Bulk	2001	PAN	28,492	14	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9246841	Bulk	2001	PAN	28,492	14	1		0	TEU	Main	5,849	Saga Forest Carriers	N
9247144	Cruise	2003	BHS	4,000	20	4		0	TEU	Aux	4,752	Radisson Seven Sea Cruise	N
9247144	Cruise	2003	BHS	4,000	20	4		0	TEU	Auxiliary Boiler	1,000	Radisson Seven Sea Cruise	N
9247144	Cruise	2003	BHS	4,000	20	4		0	TEU	Main	19,008	Radisson Seven Sea Cruise	N
9247493	Tanker	2004	LBR	34,999	15	1		0	TEU	Aux	3,049	Handytankers	N
9247493	Tanker	2004	LBR	34,999	15	1		0	TEU	Auxiliary Boiler	3,000	Handytankers	N
9247493	Tanker	2004	LBR	34,999	15	1		0	TEU	Main	8,561	Handytankers	N
9247508	Tanker	2004	LBR	40,250	15	1		0	TEU	Aux	3,049	Handytankers	N
9247508	Tanker	2004	LBR	40,250	15	1		0	TEU	Auxiliary Boiler	3,000	Handytankers	N
9247508	Tanker	2004	LBR	40,250	15	1		0	TEU	Main	8,561	Handytankers	N
9247730	Containership	2002	PAN	81,171	25	1		6492	TEU	Aux	13,226	NYK Line	N
9247730	Containership	2002	PAN	81,171	25	1		6492	TEU	Auxiliary Boiler	500	NYK Line	N
9247730	Containership	2002	PAN	81,171	25	1		6492	TEU	Main	61,349	NYK Line	N
9247766	Containership	2003	PAN	81,171	25	1		6492	TEU	Aux	13,226	NYK Line	N
9247766	Containership	2003	PAN	81,171	25	1		6492	TEU	Auxiliary Boiler	500	NYK Line	N
9247766	Containership	2003	PAN	81,171	25	1		6492	TEU	Main	61,350	NYK Line	N
9248681	Containership	2005	SGP	32,937	22.7	1		2646	TEU	Aux	4,870	Wan Hai	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9248681	Containership	2005	SGP	32,937	22.7	1		2646	TEU	Auxiliary Boiler	500	Wan Hai	N
9248681	Containership	2005	SGP	32,937	22.7	1		2646	TEU	Main	25,228	Wan Hai	N
9248693	Containership	2006	SGP	33,055	22.7	1		2646	TEU	Aux	4,870	Wan Hai	N
9248693	Containership	2006	SGP	33,055	22.7	1		2646	TEU	Auxiliary Boiler	500	Wan Hai	N
9248693	Containership	2006	SGP	33,055	22.7	1		2646	TEU	Main	25,228	Wan Hai	N
9248708	Containership	2006	SGP	32,900	22	1		2646	TEU	Aux	6,840	Wan Hai	N
9248708	Containership	2006	SGP	32,900	22	1		2646	TEU	Auxiliary Boiler	500	Wan Hai	N
9248708	Containership	2006	SGP	32,900	22	1		2646	TEU	Main	25,228	Wan Hai	N
9251327	Bulk	2003	LBR	52,038	14.5	1	4	0	TEU	Aux	1,749	IMC	N
9251327	Bulk	2003	LBR	52,038	14.5	1	4	0	TEU	Auxiliary Boiler	109	IMC	N
9251327	Bulk	2003	LBR	52,038	14.5	1	4	0	TEU	Main	8,580	IMC	N
9251365	Containership	2003	PAN	63,160	25.5	1		4646	TEU	Aux	7,600	MOL	N
9251365	Containership	2003	PAN	63,160	25.5	1		4646	TEU	Auxiliary Boiler	500	MOL	N
9251365	Containership	2003	PAN	63,160	25.5	1		4646	TEU	Main	49,410	MOL	N
9251377	Containership	2003	PAN	63,096	25.5	1		4646	TEU	Aux	7,434	MOL	N
9251377	Containership	2003	PAN	63,096	25.5	1		4646	TEU	Auxiliary Boiler	500	MOL	N
9251377	Containership	2003	PAN	63,096	25.5	1		4646	TEU	Main	49,448	MOL	N
9251389	Containership	2003	PAN	63,098	25.5	1		4646	TEU	Aux	7,434	MOL	N
9251389	Containership	2003	PAN	63,098	25.5	1		4646	TEU	Auxiliary Boiler	500	MOL	N
9251389	Containership	2003	PAN	63,098	25.5	1		4646	TEU	Main	49,409	MOL	N
9251391	Containership	2003	PAN	63,046	25.5	1		4646	TEU	Aux	6,600	MOL	N
9251391	Containership	2003	PAN	63,046	25.5	1		4646	TEU	Auxiliary Boiler	500	MOL	N
9251391	Containership	2003	PAN	63,046	25.5	1		4646	TEU	Main	49,448	MOL	N
9251406	Tanker	2003	DNK	34,806	14.5	1	4	0	TEU	Aux	3,031	Chevron Transport	N
9251406	Tanker	2003	DNK	34,806	14.5	1	4	0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
9251406	Tanker	2003	DNK	34,806	14.5	1	4	0	TEU	Main	7,150	Chevron Transport	N
9251444	Tanker	2003	CHN	40,015	12	1		0	TEU	Aux	3,049	China Shipping Tankers	N
9251444	Tanker	2003	CHN	40,015	12	1		0	TEU	Auxiliary Boiler	3,000	China Shipping Tankers	N
9251444	Tanker	2003	CHN	40,015	12	1		0	TEU	Main	8,561	China Shipping Tankers	N
9252060	Tanker	2002	BHS	47,465	14.8	1	4	0	TEU	Aux	3,469	BP Shipping USA	N
9252060	Tanker	2002	BHS	47,465	14.8	1	4	0	TEU	Auxiliary Boiler	3,000	BP Shipping USA	N
9252060	Tanker	2002	BHS	47,465	14.8	1	4	0	TEU	Main	8,580	BP Shipping USA	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9252216	Auto Carrier	2003	PAN	19,879	20	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9252216	Auto Carrier	2003	PAN	19,879	20	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9252216	Auto Carrier	2003	PAN	19,879	20	1		0	TEU	Main	14,160	Mitsui Bulkship	N
9252228	Auto Carrier	2003	PAN	19,893	19	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9252228	Auto Carrier	2003	PAN	19,893	19	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9252228	Auto Carrier	2003	PAN	19,893	19	1		0	TEU	Main	14,159	Mitsui Bulkship	N
9252254	Containership	2002	LBR	58,486	24	1		4389	TEU	Aux	7,390	ASM	N
9252254	Containership	2002	LBR	58,486	24	1		4389	TEU	Auxiliary Boiler	500	ASM	N
9252254	Containership	2002	LBR	58,486	24	1		4389	TEU	Main	41,107	ASM	N
9252266	Containership	2002	LBR	58,213	24.5	1		4389	TEU	Aux	7,390	ASM	N
9252266	Containership	2002	LBR	58,213	24.5	1		4389	TEU	Auxiliary Boiler	500	ASM	N
9252266	Containership	2002	LBR	58,213	24.5	1		4389	TEU	Main	41,107	ASM	N
9252577	Containership	2004	DEU	85,400	25.6	1		6732	TEU	Aux	13,226	NYK Line	N
9252577	Containership	2004	DEU	85,400	25.6	1		6732	TEU	Auxiliary Boiler	500	NYK Line	N
9252577	Containership	2004	DEU	85,400	25.6	1		6732	TEU	Main	57,099	NYK Line	N
9252785	Containership	2003	ATG	12,386	18	1		862	TEU	Aux	2,753	Maersk Pacific	N
9252785	Containership	2003	ATG	12,386	18	1		862	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9252785	Containership	2003	ATG	12,386	18	1		862	TEU	Main	8,399	Maersk Pacific	N
9253002	Containership	2003	CHE	39,418	22.5	1		2826	TEU	Aux	4,870	Norasia	N
9253002	Containership	2003	CHE	39,418	22.5	1		2826	TEU	Auxiliary Boiler	500	Norasia	N
9253002	Containership	2003	CHE	39,418	22.5	1		2826	TEU	Main	25,228	Norasia	N
9253870	General Cargo	2004	SGP	48,661	16	1		1500	TEU	Aux	2,110	Star Shipping	N
9253870	General Cargo	2004	SGP	48,661	16	1		1500	TEU	Auxiliary Boiler	371	Star Shipping	N
9253870	General Cargo	2004	SGP	48,661	16	1		1500	TEU	Main	11,518	Star Shipping	N
9254070	Tanker	2003	MHL	34,994	15.3	1		0	TEU	Aux	3,049	Heidenreich Marine	N
9254070	Tanker	2003	MHL	34,994	15.3	1		0	TEU	Auxiliary Boiler	3,000	Heidenreich Marine	N
9254070	Tanker	2003	MHL	34,994	15.3	1		0	TEU	Main	8,561	Heidenreich Marine	N
9254252	Tanker	2002	PAN	19,999	15.5	1		0	TEU	Aux	3,049	Tokmar	N
9254252	Tanker	2002	PAN	19,999	15.5	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9254252	Tanker	2002	PAN	19,999	15.5	1		0	TEU	Main	7,080	Tokmar	N
9254642	General Cargo	2004	NOR	44,837	16.6	1		2070	TEU	Aux	2,110	Star Shipping	N
9254642	General Cargo	2004	NOR	44,837	16.6	1		2070	TEU	Auxiliary Boiler	371	Star Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9254642	General Cargo	2004	NOR	44,837	16.6	1		2070	TEU	Main	10,520	Star Shipping	N
9254654	General Cargo	2004	NOR	46,387	16.6	1		2070	TEU	Aux	2,110	Star Shipping	N
9254654	General Cargo	2004	NOR	46,387	16.6	1		2070	TEU	Auxiliary Boiler	371	Star Shipping	N
9254654	General Cargo	2004	NOR	46,387	16.6	1		2070	TEU	Main	10,518	Star Shipping	N
9254812	Tanker	2004	LBR	46,683	14	1	4	0	TEU	Aux	4,210	Colonial Navigation	N
9254812	Tanker	2004	LBR	46,683	14	1	4	0	TEU	Auxiliary Boiler	3,000	Colonial Navigation	N
9254812	Tanker	2004	LBR	46,683	14	1	4	0	TEU	Main	8,730	Colonial Navigation	N
9254927	Tanker	2003	PAN	45,994	15.1			0	TEU	Aux	3,049	Mitsui OSK Lines	N
9254927	Tanker	2003	PAN	45,994	15.1			0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9254927	Tanker	2003	PAN	45,994	15.1			0	TEU	Main	6,242	Mitsui OSK Lines	N
9255517	Tanker	2005	SYC	37,500	15.1	1		0	TEU	Aux	3,049	Seychelles Petroleum Co.	N
9255517	Tanker	2005	SYC	37,500	15.1	1		0	TEU	Auxiliary Boiler	3,000	Seychelles Petroleum Co.	N
9255517	Tanker	2005	SYC	37,500	15.1	1		0	TEU	Main	8,339	Seychelles Petroleum Co.	N
9256224	Containership	2004	LBR	53,611	24	1		4300	TEU	Aux	7,434	Norasia	N
9256224	Containership	2004	LBR	53,611	24	1		4300	TEU	Auxiliary Boiler	500	Norasia	N
9256224	Containership	2004	LBR	53,611	24	1		4300	TEU	Main	37,049	Norasia	N
9256327	Containership	2005	GIB	16,939	19	1		1306	TEU	Aux	2,753	Maersk Pacific	N
9256327	Containership	2005	GIB	16,939	19	1		1306	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9256327	Containership	2005	GIB	16,939	19	1		1306	TEU	Main	13,530	Maersk Pacific	N
9257058	Bulk	2003	BHS	27,101	13	1		0	TEU	Aux	2,028	Mur Shipping	N
9257058	Bulk	2003	BHS	27,101	13	1		0	TEU	Auxiliary Boiler	109	Mur Shipping	N
9257058	Bulk	2003	BHS	27,101	13	1		0	TEU	Main	6,555	Mur Shipping	N
9257498	Tanker	2003	CYM	72,909	13	1		0	TEU	Aux	2,798	Metro Marine	N
9257498	Tanker	2003	CYM	72,909	13	1		0	TEU	Auxiliary Boiler	3,000	Metro Marine	N
9257498	Tanker	2003	CYM	72,909	13	1		0	TEU	Main	12,268	Metro Marine	N
9258337	Bulk	2002	PAN	47,305	14.5	1		0	TEU	Aux	2,028	MOL	N
9258337	Bulk	2002	PAN	47,305	14.5	1		0	TEU	Auxiliary Boiler	109	MOL	N
9258337	Bulk	2002	PAN	47,305	14.5	1		0	TEU	Main	7,427	MOL	N
9258349	Bulk	2002	PAN	47,304	14.5	1		0	TEU	Aux	2,028	K Line	N
9258349	Bulk	2002	PAN	47,304	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9258349	Bulk	2002	PAN	47,304	14.5	1		0	TEU	Main	7,427	K Line	N
9258351	Tanker	2002	PAN	45,000	14.5	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9258351	Tanker	2002	PAN	45,000	14.5	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9258351	Tanker	2002	PAN	45,000	14.5	1		0	TEU	Main	8,561	Mitsui OSK Lines	N
9258363	Tanker	2002	PAN	45,770	15	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9258363	Tanker	2002	PAN	45,770	15	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9258363	Tanker	2002	PAN	45,770	15	1		0	TEU	Main	8,561	Mitsui OSK Lines	N
9258612	Tanker	2004	BMU	47,999	15	1		0	TEU	Aux	3,049	Stena Bulk	N
9258612	Tanker	2004	BMU	47,999	15	1		0	TEU	Auxiliary Boiler	3,000	Stena Bulk	N
9258612	Tanker	2004	BMU	47,999	15	1		0	TEU	Main	9,466	Stena Bulk	N
9258686	Tanker	2003	IND	46,272	14.5	1		0	TEU	Aux	1,950	Kingfish Services	N
9258686	Tanker	2003	IND	46,272	14.5	1		0	TEU	Auxiliary Boiler	3,000	Kingfish Services	N
9258686	Tanker	2003	IND	46,272	14.5	1		0	TEU	Main	8,561	Kingfish Services	N
9259264	Tanker	2003	HKG	47,094	15.3	1		0	TEU	Aux	3,049	Freight Logistics	N
9259264	Tanker	2003	HKG	47,094	15.3	1		0	TEU	Auxiliary Boiler	3,000	Freight Logistics	N
9259264	Tanker	2003	HKG	47,094	15.3	1		0	TEU	Main	8,580	Freight Logistics	N
9259317	Tanker	2003	MHL	70,156	15	1		0	TEU	Aux	2,798	ST Shipping & Transport	N
9259317	Tanker	2003	MHL	70,156	15	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9259317	Tanker	2003	MHL	70,156	15	1		0	TEU	Main	13,548	ST Shipping & Transport	N
9259381	Containership	2003	ATG	33,232	20.8	1		2483	TEU	Aux	4,870	CSAV	N
9259381	Containership	2003	ATG	33,232	20.8	1		2483	TEU	Auxiliary Boiler	500	CSAV	N
9259381	Containership	2003	ATG	33,232	20.8	1		2483	TEU	Main	21,727	CSAV	N
9260079	Tanker	2003	CYP	40,055	14.5	1		0	TEU	Aux	3,049	Donnelly Tankers	N
9260079	Tanker	2003	CYP	40,055	14.5	1		0	TEU	Auxiliary Boiler	3,000	Donnelly Tankers	N
9260079	Tanker	2003	CYP	40,055	14.5	1		0	TEU	Main	7,980	Donnelly Tankers	N
9261061	General Cargo	2004	ATG	12,798	15.5	1		673	TEU	Aux	2,110	Beluga Shipping	N
9261061	General Cargo	2004	ATG	12,798	15.5	1		673	TEU	Auxiliary Boiler	371	Beluga Shipping	N
9261061	General Cargo	2004	ATG	12,798	15.5	1		673	TEU	Main	5,400	Beluga Shipping	N
9261712	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Aux	7,280	MOL	N
9261712	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Auxiliary Boiler	500	MOL	N
9261712	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Main	49,409	MOL	N
9261724	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Aux	7,434	MOL	N
9261724	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Auxiliary Boiler	500	MOL	N
9261724	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Main	49,409	MOL	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9261736	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Aux	8,000	MOL	N
9261736	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Auxiliary Boiler	500	MOL	N
9261736	Containership	2003	PAN	61,441	24.5	1		4578	TEU	Main	49,409	MOL	N
9261748	Containership	2003	PAN	49,600	25.5	1		4578	TEU	Aux	7,280	MOL	N
9261748	Containership	2003	PAN	49,600	25.5	1		4578	TEU	Auxiliary Boiler	500	MOL	N
9261748	Containership	2003	PAN	49,600	25.5	1		4578	TEU	Main	49,409	MOL	N
9262118	Containership	2003	CHN	50,188	24.2	1		4051	TEU	Aux	7,434	China Shipping	N
9262118	Containership	2003	CHN	50,188	24.2	1		4051	TEU	Auxiliary Boiler	500	China Shipping	N
9262118	Containership	2003	CHN	50,188	24.2	1		4051	TEU	Main	36,540	China Shipping	N
9262120	Containership	2004	CHN	50,137	24.2	1		4051	TEU	Aux	7,434	China Shipping	N
9262120	Containership	2004	CHN	50,137	24.2	1		4051	TEU	Auxiliary Boiler	500	China Shipping	N
9262120	Containership	2004	CHN	50,137	24.2	1		4051	TEU	Main	36,540	China Shipping	N
9262132	Containership	2003	CHN	50,151	24.2	1		4051	TEU	Aux	7,434	China Shipping	N
9262132	Containership	2003	CHN	50,151	24.2	1		4051	TEU	Auxiliary Boiler	500	China Shipping	N
9262132	Containership	2003	CHN	50,151	24.2	1		4051	TEU	Main	36,540	China Shipping	N
9262144	Containership	2004	CHN	50,192	24.2	1		4051	TEU	Aux	7,434	China Shipping	N
9262144	Containership	2004	CHN	50,192	24.2	1		4051	TEU	Auxiliary Boiler	500	China Shipping	N
9262144	Containership	2004	CHN	50,192	24.2	1		4051	TEU	Main	36,540	China Shipping	N
9262704	Containership	2003	PAN	81,171	25	1		6492	TEU	Aux	13,226	NYK Line	N
9262704	Containership	2003	PAN	81,171	25	1		6492	TEU	Auxiliary Boiler	500	NYK Line	N
9262704	Containership	2003	PAN	81,171	25	1		6492	TEU	Main	61,345	NYK Line	N
9262728	Containership	2004	PAN	81,171	25	1		6492	TEU	Aux	13,226	NYK Line	N
9262728	Containership	2004	PAN	81,171	25	1		6492	TEU	Auxiliary Boiler	500	NYK Line	N
9262728	Containership	2004	PAN	81,171	25	1		6492	TEU	Main	61,350	NYK Line	N
9262998	Bulk	2003	HKG	32,751	14.5	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9262998	Bulk	2003	HKG	32,751	14.5	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9262998	Bulk	2003	HKG	32,751	14.5	1		0	TEU	Main	6,619	STX Panocean Shpg.	N
9263095	Tanker	2003	PAN	19,997	14.7	1		0	TEU	Aux	3,049	STX Panocean Shpg.	N
9263095	Tanker	2003	PAN	19,997	14.7	1		0	TEU	Auxiliary Boiler	3,000	STX Panocean Shpg.	N
9263095	Tanker	2003	PAN	19,997	14.7	1		0	TEU	Main	6,230	STX Panocean Shpg.	N
9263253	Bulk	2003	PAN	48,104	14.6	1		0	TEU	Aux	2,028	Gearbulk Shipping	N
9263253	Bulk	2003	PAN	48,104	14.6	1		0	TEU	Auxiliary Boiler	109	Gearbulk Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9263253	Bulk	2003	PAN	48,104	14.6	1		0	TEU	Main	8,995	Gearbulk Shipping	N
9263708	Tanker	2003	DNK	44,990	14.5	1		0	TEU	Aux	3,049	MR Management K/S	N
9263708	Tanker	2003	DNK	44,990	14.5	1		0	TEU	Auxiliary Boiler	3,000	MR Management K/S	N
9263708	Tanker	2003	DNK	44,990	14.5	1		0	TEU	Main	8,171	MR Management K/S	N
9263916	Tanker	2004	PAN	47,094	15.3	1		0	TEU	Aux	3,049	MOL	N
9263916	Tanker	2004	PAN	47,094	15.3	1		0	TEU	Auxiliary Boiler	3,000	MOL	N
9263916	Tanker	2004	PAN	47,094	15.3	1		0	TEU	Main	8,580	MOL	N
9264441	Bulk	2002	HKG	50,508	14.5	1		0	TEU	Aux	2,028	SK Shipping Co. LTD.	N
9264441	Bulk	2002	HKG	50,508	14.5	1		0	TEU	Auxiliary Boiler	109	SK Shipping Co. LTD.	N
9264441	Bulk	2002	HKG	50,508	14.5	1		0	TEU	Main	7,899	SK Shipping Co. LTD.	N
9265366	Tanker	2003	GRC	68,439	14.5	1	4	0	TEU	Aux	1,982	Heidenreich Marine	N
9265366	Tanker	2003	GRC	68,439	14.5	1	4	0	TEU	Auxiliary Boiler	3,000	Heidenreich Marine	N
9265366	Tanker	2003	GRC	68,439	14.5	1	4	0	TEU	Main	10,002	Heidenreich Marine	N
9265732	Tanker	2003	GRC	72,341	14.5	1		0	TEU	Aux	3,049	Metro Marine	N
9265732	Tanker	2003	GRC	72,341	14.5	1		0	TEU	Auxiliary Boiler	3,000	Metro Marine	N
9265732	Tanker	2003	GRC	72,341	14.5	1		0	TEU	Main	8,304	Metro Marine	N
9267106	Bulk	2004	BHS	32,040	14	1		0	TEU	Aux	2,028	SM China	N
9267106	Bulk	2004	BHS	32,040	14	1		0	TEU	Auxiliary Boiler	109	SM China	N
9267106	Bulk	2004	BHS	32,040	14	1		0	TEU	Main	6,619	SM China	N
9267156	Containership	2004	PAN	67,270	25	1		5500	TEU	Aux	8,361	Yang Ming America	N
9267156	Containership	2004	PAN	67,270	25	1		5500	TEU	Auxiliary Boiler	500	Yang Ming America	N
9267156	Containership	2004	PAN	67,270	25	1		5500	TEU	Main	57,200	Yang Ming America	N
9267649	Containership	2003	PAN	80,270	25	1		6586	TEU	Aux	13,226	NYK Line	N
9267649	Containership	2003	PAN	80,270	25	1		6586	TEU	Auxiliary Boiler	500	NYK Line	N
9267649	Containership	2003	PAN	80,270	25	1		6586	TEU	Main	64,199	NYK Line	N
9267675	RoRo	2003	PAN	19,531	15			0	TEU	Aux	6,899	Mitsui Bulkship	N
9267675	RoRo	2003	PAN	19,531	15			0	TEU	Auxiliary Boiler	100	Mitsui Bulkship	N
9267675	RoRo	2003	PAN	19,531	15			0	TEU	Main	19,856	Mitsui Bulkship	N
9267699	Auto Carrier	2004	PAN	19,550	20	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9267699	Auto Carrier	2004	PAN	19,550	20	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9267699	Auto Carrier	2004	PAN	19,550	20	1		0	TEU	Main	14,161	Mitsui Bulkship	N
9267900	Bulk	2003	PAN	50,337	14.5	1		0	TEU	Aux	2,028	Gearbulk Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9267900	Bulk	2003	PAN	50,337	14.5	1		0	TEU	Auxiliary Boiler	109	Gearbulk Shipping	N
9267900	Bulk	2003	PAN	50,337	14.5	1		0	TEU	Main	8,090	Gearbulk Shipping	N
9267948	Tanker	2003	PAN	46,101	14.6	1		0	TEU	Aux	3,049	Hanbada Corporation	N
9267948	Tanker	2003	PAN	46,101	14.6	1		0	TEU	Auxiliary Boiler	3,000	Hanbada Corporation	N
9267948	Tanker	2003	PAN	46,101	14.6	1		0	TEU	Main	9,466	Hanbada Corporation	N
9268916	Bulk	2004	HKG	33,745	14	1		0	TEU	Aux	2,028	Hanjin Overseas Bulk	N
9268916	Bulk	2004	HKG	33,745	14	1		0	TEU	Auxiliary Boiler	109	Hanjin Overseas Bulk	N
9268916	Bulk	2004	HKG	33,745	14	1		0	TEU	Main	6,230	Hanjin Overseas Bulk	N
9269257	Tanker	2004	MLT	73,495	12.9	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
9269257	Tanker	2004	MLT	73,495	12.9	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9269257	Tanker	2004	MLT	73,495	12.9	1		0	TEU	Main	11,290	ST Shipping & Transport	N
9270294	Tanker	2002	CHN	40,000	14.5	1		0	TEU	Aux	3,049	Glencore LTD.	N
9270294	Tanker	2002	CHN	40,000	14.5	1		0	TEU	Auxiliary Boiler	3,000	Glencore LTD.	N
9270294	Tanker	2002	CHN	40,000	14.5	1		0	TEU	Main	8,561	Glencore LTD.	N
9270440	Containership	2003	CHN	69,303	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9270440	Containership	2003	CHN	69,303	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9270440	Containership	2003	CHN	69,303	25.7	1		5668	TEU	Main	54,719	China Shipping	N
9270452	Containership	2003	CHN	69,423	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9270452	Containership	2003	CHN	69,423	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9270452	Containership	2003	CHN	69,423	25.7	1		5668	TEU	Main	54,719	China Shipping	N
9270464	Containership	2003	CHN	69,303	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9270464	Containership	2003	CHN	69,303	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9270464	Containership	2003	CHN	69,303	25.7	1		5668	TEU	Main	54,719	China Shipping	N
9270476	Containership	2004	CHN	69,259	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9270476	Containership	2004	CHN	69,259	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9270476	Containership	2004	CHN	69,259	25.7	1		5668	TEU	Main	54,809	China Shipping	N
9270490	Tanker	2004	LBR	72,365	15	1	4	0	TEU	Aux	2,130	Heidmar	N
9270490	Tanker	2004	LBR	72,365	15	1	4	0	TEU	Auxiliary Boiler	3,000	Heidmar	N
9270490	Tanker	2004	LBR	72,365	15	1	4	0	TEU	Main	11,299	Heidmar	N
9271119	ITB	2002	USA		14	2		0	TEU	Aux	190	Intrepid Ship Mgnt.	N
9271119	ITB	2002	USA		14	2		0	TEU	Auxiliary Boiler	0	Intrepid Ship Mgnt.	N
9271119	ITB	2002	USA		14	2		0	TEU	Main	6,222	Intrepid Ship Mgnt.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9271236	Tanker	2003	PAN	45,789	14.5	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9271236	Tanker	2003	PAN	45,789	14.5	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9271236	Tanker	2003	PAN	45,789	14.5	1		0	TEU	Main	8,561	Mitsui OSK Lines	N
9271236	Tanker	2003	PAN	45,789	14.5	1		0	TEU	Aux	3,049	MOL	N
9271236	Tanker	2003	PAN	45,789	14.5	1		0	TEU	Auxiliary Boiler	3,000	MOL	N
9271236	Tanker	2003	PAN	45,789	14.5	1		0	TEU	Main	8,561	MOL	N
9271834	Tanker	2004	MHL	46,168	14.5	1	6	0	TEU	Aux	3,355	Vitol S.A. Inc.	N
9271834	Tanker	2004	MHL	46,168	14.5	1	6	0	TEU	Auxiliary Boiler	3,000	Vitol S.A. Inc.	N
9271834	Tanker	2004	MHL	46,168	14.5	1	6	0	TEU	Main	9,480	Vitol S.A. Inc.	N
9272228	General Cargo	2004	CYP	30,469	19.2	1		1904	TEU	Aux	2,110	Chipolbrok	N
9272228	General Cargo	2004	CYP	30,469	19.2	1		1904	TEU	Auxiliary Boiler	371	Chipolbrok	N
9272228	General Cargo	2004	CYP	30,469	19.2	1		1904	TEU	Main	16,520	Chipolbrok	N
9272400	Tanker	2004	PAN	45,934	15.1	1		0	TEU	Aux	3,049	Norient Product Pool	N
9272400	Tanker	2004	PAN	45,934	15.1	1		0	TEU	Auxiliary Boiler	3,000	Norient Product Pool	N
9272400	Tanker	2004	PAN	45,934	15.1	1		0	TEU	Main	9,481	Norient Product Pool	N
9272503	Tanker	2005	LBR	34,996	15.1	1		0	TEU	Aux	3,049	Formosa Plastics Marine C	N
9272503	Tanker	2005	LBR	34,996	15.1	1		0	TEU	Auxiliary Boiler	3,000	Formosa Plastics Marine C	N
9272503	Tanker	2005	LBR	34,996	15.1	1		0	TEU	Main	9,267	Formosa Plastics Marine C	N
9272682	Tanker	2004	BHS	19,997	14.7	1		0	TEU	Aux	3,049	Tokmar	N
9272682	Tanker	2004	BHS	19,997	14.7	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9272682	Tanker	2004	BHS	19,997	14.7	1		0	TEU	Main	6,230	Tokmar	N
9272694	Tanker	2005	LBR	45,694	15.5	1		0	TEU	Aux	3,049	Formosa Plastics Marine C	N
9272694	Tanker	2005	LBR	45,694	15.5	1		0	TEU	Auxiliary Boiler	3,000	Formosa Plastics Marine C	N
9272694	Tanker	2005	LBR	45,694	15.5	1		0	TEU	Main	9,267	Formosa Plastics Marine C	N
9273351	Tanker	2004	PAN	45,915	15.1	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9273351	Tanker	2004	PAN	45,915	15.1	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9273351	Tanker	2004	PAN	45,915	15.1	1		0	TEU	Main	9,267	Mitsui OSK Lines	N
9273624	Tanker	2004	MHL	45,800	14.5	1	6	0	TEU	Aux	3,355	OSG Ship Mgmt.	N
9273624	Tanker	2004	MHL	45,800	14.5	1	6	0	TEU	Auxiliary Boiler	3,000	OSG Ship Mgmt.	N
9273624	Tanker	2004	MHL	45,800	14.5	1	6	0	TEU	Main	9,480	OSG Ship Mgmt.	N
9273832	Tanker	2004	PAN	46,719	15.4	1		0	TEU	Aux	3,049	Waterfront Shipping	N
9273832	Tanker	2004	PAN	46,719	15.4	1		0	TEU	Auxiliary Boiler	3,000	Waterfront Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9273832	Tanker	2004	PAN	46,719	15.4	1		0	TEU	Main	11,060	Waterfront Shipping	N
9274094	Tanker	2005	BMU	72,768	15.7	1		0	TEU	Aux	2,798	Stena Bulk	N
9274094	Tanker	2005	BMU	72,768	15.7	1		0	TEU	Auxiliary Boiler	3,000	Stena Bulk	N
9274094	Tanker	2005	BMU	72,768	15.7	1		0	TEU	Main	12,239	Stena Bulk	N
9274484	Tanker	2003	PAN	45,887	15.1	1		0	TEU	Aux	3,049	Dampskibsselskabet	N
9274484	Tanker	2003	PAN	45,887	15.1	1		0	TEU	Auxiliary Boiler	3,000	Dampskibsselskabet	N
9274484	Tanker	2003	PAN	45,887	15.1	1		0	TEU	Main	9,481	Dampskibsselskabet	N
9274628	Tanker	2004	IOM	37,179	15	1		0	TEU	Aux	3,049	Valero Energy Corp.	N
9274628	Tanker	2004	IOM	37,179	15	1		0	TEU	Auxiliary Boiler	3,000	Valero Energy Corp.	N
9274628	Tanker	2004	IOM	37,179	15	1		0	TEU	Main	8,580	Valero Energy Corp.	N
9274915	Bulk	2004	PAN	52,571	14.3	1		0	TEU	Aux	2,028	Pacbasin	N
9274915	Bulk	2004	PAN	52,571	14.3	1		0	TEU	Auxiliary Boiler	109	Pacbasin	N
9274915	Bulk	2004	PAN	52,571	14.3	1		0	TEU	Main	7,800	Pacbasin	N
9274939	Bulk	2005	PAN	52,498	14.3	1		0	TEU	Aux	2,028	Western Bulk Carriers	N
9274939	Bulk	2005	PAN	52,498	14.3	1		0	TEU	Auxiliary Boiler	109	Western Bulk Carriers	N
9274939	Bulk	2005	PAN	52,498	14.3	1		0	TEU	Main	7,796	Western Bulk Carriers	N
9275323	Bulk	2004	PAN	48,821	14.5	1		0	TEU	Aux	2,028	MOL	N
9275323	Bulk	2004	PAN	48,821	14.5	1		0	TEU	Auxiliary Boiler	109	MOL	N
9275323	Bulk	2004	PAN	48,821	14.5	1		0	TEU	Main	7,700	MOL	N
9275402	Tanker	2004	LBR	71,863	14.9	1	4	0	TEU	Aux	3,081	Colonial Navigation	N
9275402	Tanker	2004	LBR	71,863	14.9	1	4	0	TEU	Auxiliary Boiler	3,000	Colonial Navigation	N
9275402	Tanker	2004	LBR	71,863	14.9	1	4	0	TEU	Main	11,240	Colonial Navigation	N
9275737	Tanker	2004	MHL	69,636	14.6	1		0	TEU	Aux	3,060	Cape Tankers	N
9275737	Tanker	2004	MHL	69,636	14.6	1		0	TEU	Auxiliary Boiler	3,000	Cape Tankers	N
9275737	Tanker	2004	MHL	69,636	14.6	1		0	TEU	Main	10,370	Cape Tankers	N
9275878	ITB	2002	USA		12	2		0	TEU	Aux	190	Intrepid Ship Mgmt.	N
9275878	ITB	2002	USA		12	2		0	TEU	Auxiliary Boiler	0	Intrepid Ship Mgmt.	N
9275878	ITB	2002	USA		12	2		0	TEU	Main	6,222	Intrepid Ship Mgmt.	N
9275995	Tanker	2003	PAN	47,994	12.5	1		0	TEU	Aux	3,049	Andorra	N
9275995	Tanker	2003	PAN	47,994	12.5	1		0	TEU	Auxiliary Boiler	3,000	Andorra	N
9275995	Tanker	2003	PAN	47,994	12.5	1		0	TEU	Main	9,480	Andorra	N
9276004	Tanker	2004	MHL	46,700	14.6	1		0	TEU	Aux	3,049	Columbia Ship Mgmt.	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9276004	Tanker	2004	MHL	46,700	14.6	1		0	TEU	Auxiliary Boiler	3,000	Columbia Ship Mgmt.	N
9276004	Tanker	2004	MHL	46,700	14.6	1		0	TEU	Main	9,488	Columbia Ship Mgmt.	N
9276731	Bulk	2003	PAN	29,738	14.5	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9276731	Bulk	2003	PAN	29,738	14.5	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9276731	Bulk	2003	PAN	29,738	14.5	1		0	TEU	Main	6,150	Saga Forest Carriers	N
9276755	Bulk	2003	PAN	29,738	14.3	1		0	TEU	Aux	2,028	Saga Forest Carriers	N
9276755	Bulk	2003	PAN	29,738	14.3	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9276755	Bulk	2003	PAN	29,738	14.3	1		0	TEU	Main	6,150	Saga Forest Carriers	N
9277369	ITB	2002	USA		12	2		0	TEU	Aux	190	Intrepid Ship Mgmt.	N
9277369	ITB	2002	USA		12	2		0	TEU	Auxiliary Boiler	0	Intrepid Ship Mgmt.	N
9277369	ITB	2002	USA		12	2		0	TEU	Main	6,222	Intrepid Ship Mgmt.	N
9277474	Bulk	2005	PAN	32,759	14.2	1		0	TEU	Aux	2,028	Cargil Int'l S.A.	N
9277474	Bulk	2005	PAN	32,759	14.2	1		0	TEU	Auxiliary Boiler	109	Cargil Int'l S.A.	N
9277474	Bulk	2005	PAN	32,759	14.2	1		0	TEU	Main	6,619	Cargil Int'l S.A.	N
9277735	Tanker	2004	DNK	74,999	16	1	4	0	TEU	Aux	2,699	Dampskibsselskabet	N
9277735	Tanker	2004	DNK	74,999	16	1	4	0	TEU	Auxiliary Boiler	3,000	Dampskibsselskabet	N
9277735	Tanker	2004	DNK	74,999	16	1	4	0	TEU	Main	13,548	Dampskibsselskabet	N
9278064	Tanker	2004	IOM	51,314	14.5	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
9278064	Tanker	2004	IOM	51,314	14.5	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9278064	Tanker	2004	IOM	51,314	14.5	1		0	TEU	Main	9,480	ST Shipping & Transport	N
9278088	Containership	2004	LBR	68,280	26	1		5548	TEU	Aux	8,361	Yang Ming America	N
9278088	Containership	2004	LBR	68,280	26	1		5548	TEU	Auxiliary Boiler	500	Yang Ming America	N
9278088	Containership	2004	LBR	68,280	26	1		5548	TEU	Main	54,899	Yang Ming America	N
9278090	Containership	2004	LBR	68,280	26	1		5548	TEU	Aux	8,361	Yang Ming America	N
9278090	Containership	2004	LBR	68,280	26	1		5548	TEU	Auxiliary Boiler	500	Yang Ming America	N
9278090	Containership	2004	LBR	68,280	26	1		5548	TEU	Main	54,899	Yang Ming America	N
9278105	Containership	2004	CYP	50,829	23.3	1		4253	TEU	Aux	7,434	CP Ships	N
9278105	Containership	2004	CYP	50,829	23.3	1		4253	TEU	Auxiliary Boiler	500	CP Ships	N
9278105	Containership	2004	CYP	50,829	23.3	1		4253	TEU	Main	36,540	CP Ships	N
9278117	Containership	2004	CYP	50,814	23.3	1		4253	TEU	Aux	7,434	Maersk Pacific	N
9278117	Containership	2004	CYP	50,814	23.3	1		4253	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9278117	Containership	2004	CYP	50,814	23.3	1		4253	TEU	Main	36,540	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9278492	Tanker	2004	NOR	38,177	15.3	1		0	TEU	Aux	3,049	Adam Maritime	N
9278492	Tanker	2004	NOR	38,177	15.3	1		0	TEU	Auxiliary Boiler	3,000	Adam Maritime	N
9278492	Tanker	2004	NOR	38,177	15.3	1		0	TEU	Main	9,466	Adam Maritime	N
9278686	Tanker	2003	PAN	45,985	14.5	1		0	TEU	Aux	3,049	Glencore LTD.	N
9278686	Tanker	2003	PAN	45,985	14.5	1		0	TEU	Auxiliary Boiler	3,000	Glencore LTD.	N
9278686	Tanker	2003	PAN	45,985	14.5	1		0	TEU	Main	9,481	Glencore LTD.	N
9278698	Tanker	2004	PAN	46,383	15.2	1		0	TEU	Aux	3,049	Waterfront Shipping	N
9278698	Tanker	2004	PAN	46,383	15.2	1		0	TEU	Auxiliary Boiler	3,000	Waterfront Shipping	N
9278698	Tanker	2004	PAN	46,383	15.2	1		0	TEU	Main	10,203	Waterfront Shipping	N
9278703	Tanker	2004	PAN	19,999	14.7	1		0	TEU	Aux	3,049	STX Panocean Shpg.	N
9278703	Tanker	2004	PAN	19,999	14.7	1		0	TEU	Auxiliary Boiler	3,000	STX Panocean Shpg.	N
9278703	Tanker	2004	PAN	19,999	14.7	1		0	TEU	Main	6,230	STX Panocean Shpg.	N
9278739	Bulk	2004	PAN	33,773	13.5	1		0	TEU	Aux	2,028	Lauritzen Bulker	N
9278739	Bulk	2004	PAN	33,773	13.5	1		0	TEU	Auxiliary Boiler	109	Lauritzen Bulker	N
9278739	Bulk	2004	PAN	33,773	13.5	1		0	TEU	Main	5,300	Lauritzen Bulker	N
9279329	Auto Carrier	2004	PAN	18,369	19.8	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9279329	Auto Carrier	2004	PAN	18,369	19.8	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9279329	Auto Carrier	2004	PAN	18,369	19.8	1		0	TEU	Main	14,280	Mitsui Bulkship	N
9279367	Bulk	2003	PAN	50,329	15	1		0	TEU	Aux	2,028	K Line	N
9279367	Bulk	2003	PAN	50,329	15	1		0	TEU	Auxiliary Boiler	109	K Line	N
9279367	Bulk	2003	PAN	50,329	15	1		0	TEU	Main	8,090	K Line	N
9279379	Bulk	2004	PAN	50,316	14	1		0	TEU	Aux	2,028	K Line	N
9279379	Bulk	2004	PAN	50,316	14	1		0	TEU	Auxiliary Boiler	109	K Line	N
9279379	Bulk	2004	PAN	50,316	14	1		0	TEU	Main	8,090	K Line	N
9279733	Tanker	2004	PHL	45,879	14.6	1		0	TEU	Aux	3,049	Glencore LTD.	N
9279733	Tanker	2004	PHL	45,879	14.6	1		0	TEU	Auxiliary Boiler	3,000	Glencore LTD.	N
9279733	Tanker	2004	PHL	45,879	14.6	1		0	TEU	Main	9,481	Glencore LTD.	N
9280809	Containership	2004	BHS	55,495	24.3	1		4132	TEU	Aux	7,000	ASM	N
9280809	Containership	2004	BHS	55,495	24.3	1		4132	TEU	Auxiliary Boiler	500	ASM	N
9280809	Containership	2004	BHS	55,495	24.3	1		4132	TEU	Main	36,445	ASM	N
9281578	Tanker	2005	CYP	45,568	14	1	5	0	TEU	Aux	3,991	Sokana Chartering	N
9281578	Tanker	2005	CYP	45,568	14	1	5	0	TEU	Auxiliary Boiler	3,000	Sokana Chartering	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9281578	Tanker	2005	CYP	45,568	14	1	5	0	TEU	Main	9,480	Sokana Chartering	N
9281920	Tanker	2004	IOM	51,224	14.5	1		0	TEU	Aux	3,049	Chevron Transport	N
9281920	Tanker	2004	IOM	51,224	14.5	1		0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
9281920	Tanker	2004	IOM	51,224	14.5	1		0	TEU	Main	8,561	Chevron Transport	N
9281932	Tanker	2005	IOM	51,383	14.5	1		0	TEU	Aux	3,049	Golden Energy	N
9281932	Tanker	2005	IOM	51,383	14.5	1		0	TEU	Auxiliary Boiler	3,000	Golden Energy	N
9281932	Tanker	2005	IOM	51,383	14.5	1		0	TEU	Main	8,561	Golden Energy	N
9281944	Bulk	2003	MLT	28,481	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9281944	Bulk	2003	MLT	28,481	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9281944	Bulk	2003	MLT	28,481	14	1		0	TEU	Main	5,850	STX Panocean Shpg.	N
9282510	Tanker	2004	PAN	46,874	15.7	1		0	TEU	Aux	3,049	Glena Int'L. Mgmt	N
9282510	Tanker	2004	PAN	46,874	15.7	1		0	TEU	Auxiliary Boiler	3,000	Glena Int'L. Mgmt	N
9282510	Tanker	2004	PAN	46,874	15.7	1		0	TEU	Main	9,480	Glena Int'L. Mgmt	N
9282778	Bulk	2004	HKG	28,701	14	1		0	TEU	Aux	2,028	STX Panocean Shpg.	N
9282778	Bulk	2004	HKG	28,701	14	1		0	TEU	Auxiliary Boiler	109	STX Panocean Shpg.	N
9282778	Bulk	2004	HKG	28,701	14	1		0	TEU	Main	5,900	STX Panocean Shpg.	N
9282871	Bulk	2005	GRC	53,688	14.7	1		0	TEU	Aux	2,028	Oldendorff Carriers	N
9282871	Bulk	2005	GRC	53,688	14.7	1		0	TEU	Auxiliary Boiler	109	Oldendorff Carriers	N
9282871	Bulk	2005	GRC	53,688	14.7	1		0	TEU	Main	9,480	Oldendorff Carriers	N
9284817	Tanker	2005	PAN	60,646	15	1		0	TEU	Aux	3,049	Glencore LTD.	N
9284817	Tanker	2005	PAN	60,646	15	1		0	TEU	Auxiliary Boiler	3,000	Glencore LTD.	N
9284817	Tanker	2005	PAN	60,646	15	1		0	TEU	Main	9,488	Glencore LTD.	N
9284879	Bulk	2004	PHL	74,466	14.5	1		0	TEU	Aux	2,028	Victoria Ship Managemen	N
9284879	Bulk	2004	PHL	74,466	14.5	1		0	TEU	Auxiliary Boiler	109	Victoria Ship Managemen	N
9284879	Bulk	2004	PHL	74,466	14.5	1		0	TEU	Main	9,350	Victoria Ship Managemen	N
9285720	Tanker	2004	IOM	46,803	15	1	6	0	TEU	Aux	3,330	BP Shipping USA	N
9285720	Tanker	2004	IOM	46,803	15	1	6	0	TEU	Auxiliary Boiler	3,000	BP Shipping USA	N
9285720	Tanker	2004	IOM	46,803	15	1	6	0	TEU	Main	9,466	BP Shipping USA	N
9285976	Containership	2004	HKG	####	25.2	1	5	8468	TEU	Aux	11,878	China Shipping	N
9285976	Containership	2004	HKG	####	25.2	1	5	8468	TEU	Auxiliary Boiler	500	China Shipping	N
9285976	Containership	2004	HKG	####	25.2	1	5	8468	TEU	Main	68,490	China Shipping	N
9285990	Containership	2004	CYP	####	25.2	1	5	8468	TEU	Aux	11,878	China Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9285990	Containership	2004	CYP	####	25.2	1	5	8468	TEU	Auxiliary Boiler	500	China Shipping	N
9285990	Containership	2004	CYP	####	25.2	1	5	8468	TEU	Main	68,489	China Shipping	N
9286009	Containership	2004	HKG	####	25.2	1	5	8468	TEU	Aux	11,878	China Shipping	N
9286009	Containership	2004	HKG	####	25.2	1	5	8468	TEU	Auxiliary Boiler	500	China Shipping	N
9286009	Containership	2004	HKG	####	25.2	1	5	8468	TEU	Main	68,490	China Shipping	N
9288021	Tanker	2005	DNK	46,187	14.5	1	6	0	TEU	Aux	3,355	MR Management K/S	N
9288021	Tanker	2005	DNK	46,187	14.5	1	6	0	TEU	Auxiliary Boiler	3,000	MR Management K/S	N
9288021	Tanker	2005	DNK	46,187	14.5	1	6	0	TEU	Main	9,480	MR Management K/S	N
9288447	Bulk	2004	PAN	76,453	14.5	1		0	TEU	Aux	2,028	Colbertfret	N
9288447	Bulk	2004	PAN	76,453	14.5	1		0	TEU	Auxiliary Boiler	109	Colbertfret	N
9288447	Bulk	2004	PAN	76,453	14.5	1		0	TEU	Main	11,060	Colbertfret	N
9289166	Tanker	2005	LBR	61,328	14.8	1	4	0	TEU	Aux	2,018	PMI Trading	N
9289166	Tanker	2005	LBR	61,328	14.8	1	4	0	TEU	Auxiliary Boiler	3,000	PMI Trading	N
9289166	Tanker	2005	LBR	61,328	14.8	1	4	0	TEU	Main	10,010	PMI Trading	N
9289568	Containership	2005	LBR	66,644	24.5	1		5018	TEU	Aux	8,361	ASM	N
9289568	Containership	2005	LBR	66,644	24.5	1		5018	TEU	Auxiliary Boiler	500	ASM	N
9289568	Containership	2005	LBR	66,644	24.5	1		5018	TEU	Main	45,777	ASM	N
9290098	Containership	2005	HKG	50,869	23.3	1		4253	TEU	Aux	7,434	China Shipping	N
9290098	Containership	2005	HKG	50,869	23.3	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9290098	Containership	2005	HKG	50,869	23.3	1		4253	TEU	Main	36,559	China Shipping	N
9290103	Containership	2005	HKG	50,869	24.5	1		4253	TEU	Aux	7,434	China Shipping	N
9290103	Containership	2005	HKG	50,869	24.5	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9290103	Containership	2005	HKG	50,869	24.5	1		4253	TEU	Main	36,559	China Shipping	N
9290115	Containership	2005	HKG	50,794	24.5	1		4253	TEU	Aux	7,434	China Shipping	N
9290115	Containership	2005	HKG	50,794	24.5	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9290115	Containership	2005	HKG	50,794	24.5	1		4253	TEU	Main	36,559	China Shipping	N
9290127	Containership	2005	HKG	50,796	24.5	1		4253	TEU	Aux	7,434	China Shipping	N
9290127	Containership	2005	HKG	50,796	24.5	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9290127	Containership	2005	HKG	50,796	24.5	1		4253	TEU	Main	36,559	China Shipping	N
9290139	Containership	2005	HKG	50,748	20.2	1		4253	TEU	Aux	7,434	China Shipping	N
9290139	Containership	2005	HKG	50,748	20.2	1		4253	TEU	Auxiliary Boiler	500	China Shipping	N
9290139	Containership	2005	HKG	50,748	20.2	1		4253	TEU	Main	36,559	China Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9290232	Bulk	2003	PAN	52,384	14.3	1		0	TEU	Aux	2,028	Gearbulk Shipping	N
9290232	Bulk	2003	PAN	52,384	14.3	1		0	TEU	Auxiliary Boiler	109	Gearbulk Shipping	N
9290232	Bulk	2003	PAN	52,384	14.3	1		0	TEU	Main	7,800	Gearbulk Shipping	N
9290816	Containership	2005	LBR	52,683	24.3	1	5	4043	TEU	Aux	10,354	Norasia	N
9290816	Containership	2005	LBR	52,683	24.3	1	5	4043	TEU	Auxiliary Boiler	500	Norasia	N
9290816	Containership	2005	LBR	52,683	24.3	1	5	4043	TEU	Main	40,039	Norasia	N
9292577	Tanker	2005	PAN	60,646	15	1		0	TEU	Aux	3,049	Hyundai Mer. Marine	N
9292577	Tanker	2005	PAN	60,646	15	1		0	TEU	Auxiliary Boiler	3,000	Hyundai Mer. Marine	N
9292577	Tanker	2005	PAN	60,646	15	1		0	TEU	Main	9,488	Hyundai Mer. Marine	N
9292606	Tanker	2005	IOM	70,558	14.9	1		0	TEU	Aux	3,049	Energy Shpg.	N
9292606	Tanker	2005	IOM	70,558	14.9	1		0	TEU	Auxiliary Boiler	3,000	Energy Shpg.	N
9292606	Tanker	2005	IOM	70,558	14.9	1		0	TEU	Main	13,548	Energy Shpg.	N
9293519	Auto Carrier	2006	PAN	19,401	20.5	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9293519	Auto Carrier	2006	PAN	19,401	20.5	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9293519	Auto Carrier	2006	PAN	19,401	20.5	1		0	TEU	Main	15,100	Mitsui Bulkship	N
9293648	Auto Carrier	2004	PAN	19,080	20.7	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9293648	Auto Carrier	2004	PAN	19,080	20.7	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9293648	Auto Carrier	2004	PAN	19,080	20.7	1		0	TEU	Main	12,170	Mitsui Bulkship	N
9293894	Auto Carrier	2006	BHS	17,719	20.7	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9293894	Auto Carrier	2006	BHS	17,719	20.7	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9293894	Auto Carrier	2006	BHS	17,719	20.7	1		0	TEU	Main	15,090	Mitsui Bulkship	N
9293959	Tanker	2006	ITA	40,000	15	1		0	TEU	Aux	3,049	Morgan Stanley	N
9293959	Tanker	2006	ITA	40,000	15	1		0	TEU	Auxiliary Boiler	3,000	Morgan Stanley	N
9293959	Tanker	2006	ITA	40,000	15	1		0	TEU	Main	11,069	Morgan Stanley	N
9294800	Containership	2004	LBR	68,280	26.5	1		5548	TEU	Aux	8,361	Yang Ming America	N
9294800	Containership	2004	LBR	68,280	26.5	1		5548	TEU	Auxiliary Boiler	500	Yang Ming America	N
9294800	Containership	2004	LBR	68,280	26.5	1		5548	TEU	Main	54,899	Yang Ming America	N
9294862	Containership	2005	SGP	51,300	23.3	1		4252	TEU	Aux	7,434	Wan Hai	N
9294862	Containership	2005	SGP	51,300	23.3	1		4252	TEU	Auxiliary Boiler	500	Wan Hai	N
9294862	Containership	2005	SGP	51,300	23.3	1		4252	TEU	Main	36,540	Wan Hai	N
9294874	Containership	2005	SGP	52,146	22	1		4252	TEU	Aux	5,080	Wan Hai	N
9294874	Containership	2005	SGP	52,146	22	1		4252	TEU	Auxiliary Boiler	500	Wan Hai	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9294874	Containership	2005	SGP	52,146	22	1		4252	TEU	Main	36,563	Wan Hai	N
9294886	Containership	2005	SGP	52,146	23.3	1		4252	TEU	Aux	7,434	Wan Hai	N
9294886	Containership	2005	SGP	52,146	23.3	1		4252	TEU	Auxiliary Boiler	500	Wan Hai	N
9294886	Containership	2005	SGP	52,146	23.3	1		4252	TEU	Main	36,563	Wan Hai	N
9295086	Tanker	2005	SGP	72,650	15	1	3	0	TEU	Aux	2,160	LR1 Management	N
9295086	Tanker	2005	SGP	72,650	15	1	3	0	TEU	Auxiliary Boiler	3,000	LR1 Management	N
9295086	Tanker	2005	SGP	72,650	15	1	3	0	TEU	Main	12,438	LR1 Management	N
9295402	Containership	2005	LBR	52,786	24.7	1		4132	TEU	Aux	7,434	CP Ships	N
9295402	Containership	2005	LBR	52,786	24.7	1		4132	TEU	Auxiliary Boiler	500	CP Ships	N
9295402	Containership	2005	LBR	52,786	24.7	1		4132	TEU	Main	36,996	CP Ships	N
9295579	Bulk	2004	PAN	32,347	14	1		0	TEU	Aux	2,028	Dae-Ah Shpg	N
9295579	Bulk	2004	PAN	32,347	14	1		0	TEU	Auxiliary Boiler	109	Dae-Ah Shpg	N
9295579	Bulk	2004	PAN	32,347	14	1		0	TEU	Main	6,619	Dae-Ah Shpg	N
9296585	Tanker	2005	PAN	45,896	15.1	1		0	TEU	Aux	3,049	D'Amico Tankers	N
9296585	Tanker	2005	PAN	45,896	15.1	1		0	TEU	Auxiliary Boiler	3,000	D'Amico Tankers	N
9296585	Tanker	2005	PAN	45,896	15.1	1		0	TEU	Main	9,267	D'Amico Tankers	N
9296884	Tanker	2004	PAN	19,805	14.5	1		0	TEU	Aux	3,049	Tokmar	N
9296884	Tanker	2004	PAN	19,805	14.5	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9296884	Tanker	2004	PAN	19,805	14.5	1		0	TEU	Main	6,230	Tokmar	N
9297840	Containership	2005	LBR	52,784	24.7	1		4132	TEU	Aux	7,434	Maersk Pacific	N
9297840	Containership	2005	LBR	52,784	24.7	1		4132	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9297840	Containership	2005	LBR	52,784	24.7	1		4132	TEU	Main	36,996	Maersk Pacific	N
9297931	Bulk	2005	BHS	73,691	14.4	1	4	0	TEU	Aux	2,090	Swissmarine Svcs S.A.	N
9297931	Bulk	2005	BHS	73,691	14.4	1	4	0	TEU	Auxiliary Boiler	109	Swissmarine Svcs S.A.	N
9297931	Bulk	2005	BHS	73,691	14.4	1	4	0	TEU	Main	10,200	Swissmarine Svcs S.A.	N
9298301	Tanker	2005	MHL	73,897	14.7	1		0	TEU	Aux	3,049	ST Shipping & Transport	N
9298301	Tanker	2005	MHL	73,897	14.7	1		0	TEU	Auxiliary Boiler	3,000	ST Shipping & Transport	N
9298301	Tanker	2005	MHL	73,897	14.7	1		0	TEU	Main	11,299	ST Shipping & Transport	N
9298325	Tanker	2005	DEU	73,869	15	1	4	0	TEU	Aux	3,205	Heidenreich Marine	N
9298325	Tanker	2005	DEU	73,869	15	1	4	0	TEU	Auxiliary Boiler	3,000	Heidenreich Marine	N
9298325	Tanker	2005	DEU	73,869	15	1	4	0	TEU	Main	11,290	Heidenreich Marine	N
9298557	Bulk	2006	PAN	52,447	14.5	1		0	TEU	Aux	2,028	K Line	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9298557	Bulk	2006	PAN	52,447	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9298557	Bulk	2006	PAN	52,447	14.5	1		0	TEU	Main	7,800	K Line	N
9298600	Containership	2004	ATG	8,329	17	1		672	TEU	Aux	700	ASM	N
9298600	Containership	2004	ATG	8,329	17	1		672	TEU	Auxiliary Boiler	500	ASM	N
9298600	Containership	2004	ATG	8,329	17	1		672	TEU	Main	6,300	ASM	N
9298686	Containership	2006	GBR	61,454	24.2	1	5	4154	TEU	Aux	8,930	Maersk Pacific	N
9298686	Containership	2006	GBR	61,454	24.2	1	5	4154	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9298686	Containership	2006	GBR	61,454	24.2	1	5	4154	TEU	Main	45,777	Maersk Pacific	N
9298777	Tanker	2005	PAN	69,645	15.6	1	4	0	TEU	Aux	2,858	Cape Tankers	N
9298777	Tanker	2005	PAN	69,645	15.6	1	4	0	TEU	Auxiliary Boiler	3,000	Cape Tankers	N
9298777	Tanker	2005	PAN	69,645	15.6	1	4	0	TEU	Main	11,282	Cape Tankers	N
9298997	Containership	2004	PAN	67,270	25	1		5896	TEU	Aux	8,361	Yang Ming America	N
9298997	Containership	2004	PAN	67,270	25	1		5896	TEU	Auxiliary Boiler	500	Yang Ming America	N
9298997	Containership	2004	PAN	67,270	25	1		5896	TEU	Main	57,201	Yang Ming America	N
9299422	Tanker	2005	SGP	29,058	14	1	4	0	TEU	Aux	2,825	Chevron Transport	N
9299422	Tanker	2005	SGP	29,058	14	1	4	0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
9299422	Tanker	2005	SGP	29,058	14	1	4	0	TEU	Main	7,150	Chevron Transport	N
9299733	Tanker	2006	QAT	####	14.8	1		0	TEU	Aux	2,364	Qatar Shipping	N
9299733	Tanker	2006	QAT	####	14.8	1		0	TEU	Auxiliary Boiler	3,000	Qatar Shipping	N
9299733	Tanker	2006	QAT	####	14.8	1		0	TEU	Main	18,420	Qatar Shipping	N
9300386	Containership	2005	GBR	78,693	25.2	1	5	7024	TEU	Aux	12,560	Evergreen America	N
9300386	Containership	2005	GBR	78,693	25.2	1	5	7024	TEU	Auxiliary Boiler	500	Evergreen America	N
9300386	Containership	2005	GBR	78,693	25.2	1	5	7024	TEU	Main	54,899	Evergreen America	Y
9300398	Containership	2005	GBR	78,693	25.3	1	4	7024	TEU	Aux	12,360	Evergreen America	N
9300398	Containership	2005	GBR	78,693	25.3	1	4	7024	TEU	Auxiliary Boiler	500	Evergreen America	N
9300398	Containership	2005	GBR	78,693	25.3	1	4	7024	TEU	Main	54,899	Evergreen America	Y
9300403	Containership	2006	GBR	78,716	25.3	1	5	7024	TEU	Aux	12,560	Evergreen America	N
9300403	Containership	2006	GBR	78,716	25.3	1	5	7024	TEU	Auxiliary Boiler	500	Evergreen America	N
9300403	Containership	2006	GBR	78,716	25.3	1	5	7024	TEU	Main	54,942	Evergreen America	Y
9300415	Containership	2006	GBR	78,741	25.3	1	5	7869	TEU	Aux	12,560	Evergreen America	N
9300415	Containership	2006	GBR	78,741	25.3	1	5	7869	TEU	Auxiliary Boiler	500	Evergreen America	N
9300415	Containership	2006	GBR	78,741	25.3	1	5	7869	TEU	Main	54,942	Evergreen America	Y

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9300427	Containership	2006	PAN	78,661	25.3	1		7024	TEU	Aux	13,645	Evergreen America	N
9300427	Containership	2006	PAN	78,661	25.3	1		7024	TEU	Auxiliary Boiler	500	Evergreen America	N
9300427	Containership	2006	PAN	78,661	25.3	1		7024	TEU	Main	54,899	Evergreen America	N
9300506	Bulk	2005	MHL	55,953	14.5	1		0	TEU	Aux	2,028	Pacific Carriers LTD.	N
9300506	Bulk	2005	MHL	55,953	14.5	1		0	TEU	Auxiliary Boiler	109	Pacific Carriers LTD.	N
9300506	Bulk	2005	MHL	55,953	14.5	1		0	TEU	Main	9,480	Pacific Carriers LTD.	N
9301146	Bulk	2005	CYP	53,702	14	1		0	TEU	Aux	2,028	Hyundai Mer. Marine	N
9301146	Bulk	2005	CYP	53,702	14	1		0	TEU	Auxiliary Boiler	109	Hyundai Mer. Marine	N
9301146	Bulk	2005	CYP	53,702	14	1		0	TEU	Main	9,480	Hyundai Mer. Marine	N
9301328	Containership	2006	MHL	68,383	24.3	1		5089	TEU	Aux	8,361	Maersk Pacific	N
9301328	Containership	2006	MHL	68,383	24.3	1		5089	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9301328	Containership	2006	MHL	68,383	24.3	1		5089	TEU	Main	41,039	Maersk Pacific	N
9301330	Containership	2006	MHL	68,383	24.3	1		5089	TEU	Aux	8,361	Maersk Pacific	N
9301330	Containership	2006	MHL	68,383	24.3	1		5089	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9301330	Containership	2006	MHL	68,383	24.3	1		5089	TEU	Main	41,129	Maersk Pacific	N
9301732	Tanker	2006	LBR	70,377	15.9	1		0	TEU	Aux	2,798	Dynacom Tankers	N
9301732	Tanker	2006	LBR	70,377	15.9	1		0	TEU	Auxiliary Boiler	3,000	Dynacom Tankers	N
9301732	Tanker	2006	LBR	70,377	15.9	1		0	TEU	Main	12,240	Dynacom Tankers	N
9301744	Tanker	2006	LBR	70,372	15.9	1		0	TEU	Aux	2,798	Dynacom Tankers	N
9301744	Tanker	2006	LBR	70,372	15.9	1		0	TEU	Auxiliary Boiler	3,000	Dynacom Tankers	N
9301744	Tanker	2006	LBR	70,372	15.9	1		0	TEU	Main	12,240	Dynacom Tankers	N
9301794	Containership	2006	HKG	50,869	24.5	1	5	4253	TEU	Aux	7,400	CP Ships	N
9301794	Containership	2006	HKG	50,869	24.5	1	5	4253	TEU	Auxiliary Boiler	500	CP Ships	N
9301794	Containership	2006	HKG	50,869	24.5	1	5	4253	TEU	Main	36,515	CP Ships	N
9303194	Auto Carrier	2006	PAN	####	19.8	1		0	TEU	Aux	2,491	Mitsui Bulkship	N
9303194	Auto Carrier	2006	PAN	####	19.8	1		0	TEU	Auxiliary Boiler	321	Mitsui Bulkship	N
9303194	Auto Carrier	2006	PAN	####	19.8	1		0	TEU	Main	14,280	Mitsui Bulkship	N
9303792	Containership	2006	GRC	39,382	22.5	1		2824	TEU	Aux	4,870	Norasia	N
9303792	Containership	2006	GRC	39,382	22.5	1		2824	TEU	Auxiliary Boiler	500	Norasia	N
9303792	Containership	2006	GRC	39,382	22.5	1		2824	TEU	Main	25,270	Norasia	N
9304057	Cruise	2006	USA	7,500	24.6	5		0	TEU	Aux	14,710	Norwegian Cruise Line	N
9304057	Cruise	2006	USA	7,500	24.6	5		0	TEU	Auxiliary Boiler	1,000	Norwegian Cruise Line	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9304057	Cruise	2006	USA	7,500	24.6	5		0	TEU	Main	58,840	Norwegian Cruise Line	N
9304112	Bulk	2006	PAN	55,500	14.5	1		0	TEU	Aux	2,028	MOL	N
9304112	Bulk	2006	PAN	55,500	14.5	1		0	TEU	Auxiliary Boiler	109	MOL	N
9304112	Bulk	2006	PAN	55,500	14.5	1		0	TEU	Main	8,208	MOL	N
9304332	Tanker	2005	HKG	19,992	15.7	1		0	TEU	Aux	3,049	STX Panocean Shpg.	N
9304332	Tanker	2005	HKG	19,992	15.7	1		0	TEU	Auxiliary Boiler	3,000	STX Panocean Shpg.	N
9304332	Tanker	2005	HKG	19,992	15.7	1		0	TEU	Main	6,150	STX Panocean Shpg.	N
9304344	Tanker	2005	PAN	19,998	14.3	1		0	TEU	Aux	3,049	Fairfield Chem. Carriers	N
9304344	Tanker	2005	PAN	19,998	14.3	1		0	TEU	Auxiliary Boiler	3,000	Fairfield Chem. Carriers	N
9304344	Tanker	2005	PAN	19,998	14.3	1		0	TEU	Main	6,150	Fairfield Chem. Carriers	N
9304772	Containership	2004	CHN	69,271	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9304772	Containership	2004	CHN	69,271	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9304772	Containership	2004	CHN	69,271	25.7	1		5668	TEU	Main	54,809	China Shipping	N
9304784	Containership	2004	CHN	69,303	26	1		5668	TEU	Aux	9,280	China Shipping	N
9304784	Containership	2004	CHN	69,303	26	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9304784	Containership	2004	CHN	69,303	26	1		5668	TEU	Main	54,719	China Shipping	N
9304796	Containership	2004	CHN	69,303	26	1		5618	TEU	Aux	8,361	China Shipping	N
9304796	Containership	2004	CHN	69,303	26	1		5618	TEU	Auxiliary Boiler	500	China Shipping	N
9304796	Containership	2004	CHN	69,303	26	1		5618	TEU	Main	54,719	China Shipping	N
9304801	Containership	2005	CHN	69,303	25.7	1		5668	TEU	Aux	8,361	China Shipping	N
9304801	Containership	2005	CHN	69,303	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9304801	Containership	2005	CHN	69,303	25.7	1		5668	TEU	Main	54,809	China Shipping	N
9304813	Containership	2005	CHN	69,303	25.7	1		5668	TEU	Aux	9,280	China Shipping	N
9304813	Containership	2005	CHN	69,303	25.7	1		5668	TEU	Auxiliary Boiler	500	China Shipping	N
9304813	Containership	2005	CHN	69,303	25.7	1		5668	TEU	Main	54,719	China Shipping	N
9304966	Containership	2005	LBR	37,856	22	1		2742	TEU	Aux	4,870	Sinotrans	N
9304966	Containership	2005	LBR	37,856	22	1		2742	TEU	Auxiliary Boiler	500	Sinotrans	N
9304966	Containership	2005	LBR	37,856	22	1		2742	TEU	Main	21,769	Sinotrans	N
9305142	Bulk	2005	LBR	73,901	14	1		0	TEU	Aux	2,028	Mitsui Bulkship	N
9305142	Bulk	2005	LBR	73,901	14	1		0	TEU	Auxiliary Boiler	109	Mitsui Bulkship	N
9305142	Bulk	2005	LBR	73,901	14	1		0	TEU	Main	10,200	Mitsui Bulkship	N
9305300	Containership	2006	GBR	61,454	24	1	5	4154	TEU	Aux	8,934	Maersk Pacific	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9305300	Containership	2006	GBR	61,454	24	1	5	4154	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9305300	Containership	2006	GBR	61,454	24	1	5	4154	TEU	Main	45,777	Maersk Pacific	N
9305312	Containership	2006	GBR	61,499	24	1	5	4154	TEU	Aux	8,930	Maersk Pacific	N
9305312	Containership	2006	GBR	61,499	24	1	5	4154	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9305312	Containership	2006	GBR	61,499	24	1	5	4154	TEU	Main	45,777	Maersk Pacific	N
9305348	Tanker	2004	PAN	45,729	14.5	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9305348	Tanker	2004	PAN	45,729	14.5	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9305348	Tanker	2004	PAN	45,729	14.5	1		0	TEU	Main	8,572	Mitsui OSK Lines	N
9306469	Tanker	2005	LBR	46,720	14	1	4	0	TEU	Aux	4,269	Colonial Navigation	N
9306469	Tanker	2005	LBR	46,720	14	1	4	0	TEU	Auxiliary Boiler	3,000	Colonial Navigation	N
9306469	Tanker	2005	LBR	46,720	14	1	4	0	TEU	Main	8,310	Colonial Navigation	N
9306562	Tanker	2005	CYP	69,714	14.6	1		0	TEU	Aux	3,049	LMZ Transoil Shpg.	N
9306562	Tanker	2005	CYP	69,714	14.6	1		0	TEU	Auxiliary Boiler	3,000	LMZ Transoil Shpg.	N
9306562	Tanker	2005	CYP	69,714	14.6	1		0	TEU	Main	10,223	LMZ Transoil Shpg.	N
9307035	Containership	2005	PAN	72,968	25	1		6350	TEU	Aux	13,226	MOL	N
9307035	Containership	2005	PAN	72,968	25	1		6350	TEU	Auxiliary Boiler	500	MOL	N
9307035	Containership	2005	PAN	72,968	25	1		6350	TEU	Main	62,919	MOL	N
9308534	Tanker	2005	MYS	44,487	14.5	1		0	TEU	Aux	3,049	Aurora Tankers	N
9308534	Tanker	2005	MYS	44,487	14.5	1		0	TEU	Auxiliary Boiler	3,000	Aurora Tankers	N
9308534	Tanker	2005	MYS	44,487	14.5	1		0	TEU	Main	8,410	Aurora Tankers	N
9308998	Tanker	2005	GRC	72,291	15	1		0	TEU	Aux	3,049	Valero Energy Corp.	N
9308998	Tanker	2005	GRC	72,291	15	1		0	TEU	Auxiliary Boiler	3,000	Valero Energy Corp.	N
9308998	Tanker	2005	GRC	72,291	15	1		0	TEU	Main	11,299	Valero Energy Corp.	N
9309930	Containership	2005	CHN	52,107	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9309930	Containership	2005	CHN	52,107	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9309930	Containership	2005	CHN	52,107	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9309942	Containership	2005	CHN	52,157	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9309942	Containership	2005	CHN	52,157	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9309942	Containership	2005	CHN	52,157	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9309954	Containership	2005	CHN	52,212	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9309954	Containership	2005	CHN	52,212	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9309954	Containership	2005	CHN	52,212	24.2	1		4250	TEU	Main	36,479	China Shipping	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9309966	Containership	2005	CHN	52,223	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9309966	Containership	2005	CHN	52,223	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9309966	Containership	2005	CHN	52,223	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9310020	Containership	2005	CHN	52,242	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9310020	Containership	2005	CHN	52,242	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9310020	Containership	2005	CHN	52,242	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9310032	Containership	2005	CHN	52,216	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9310032	Containership	2005	CHN	52,216	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9310032	Containership	2005	CHN	52,216	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9310044	Containership	2005	CHN	52,216	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9310044	Containership	2005	CHN	52,216	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9310044	Containership	2005	CHN	52,216	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9310056	Containership	2005	CHN	52,191	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9310056	Containership	2005	CHN	52,191	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9310056	Containership	2005	CHN	52,191	24.2	1		4250	TEU	Main	36,559	China Shipping	N
9310161	Tanker	2004	PAN	45,744	14.5	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9310161	Tanker	2004	PAN	45,744	14.5	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9310161	Tanker	2004	PAN	45,744	14.5	1		0	TEU	Main	8,580	Mitsui OSK Lines	N
9310410	Bulk	2005	HKG	76,598	15.2	1		0	TEU	Aux	2,028	K Line	N
9310410	Bulk	2005	HKG	76,598	15.2	1		0	TEU	Auxiliary Boiler	109	K Line	N
9310410	Bulk	2005	HKG	76,598	15.2	1		0	TEU	Main	10,321	K Line	N
9310513	Bulk	2006	NOR	44,692	14.5	1		2070	TEU	Aux	2,028	Star Shipping	N
9310513	Bulk	2006	NOR	44,692	14.5	1		2070	TEU	Auxiliary Boiler	109	Star Shipping	N
9310513	Bulk	2006	NOR	44,692	14.5	1		2070	TEU	Main	10,518	Star Shipping	N
9310680	Tanker	2004	PAN	48,694	15.1	1		0	TEU	Aux	3,049	Glencore LTD.	N
9310680	Tanker	2004	PAN	48,694	15.1	1		0	TEU	Auxiliary Boiler	3,000	Glencore LTD.	N
9310680	Tanker	2004	PAN	48,694	15.1	1		0	TEU	Main	9,480	Glencore LTD.	N
9310850	Tanker	2006	PAN	74,994	15.6	1		0	TEU	Aux	3,049	Dampskibsselskabet	N
9310850	Tanker	2006	PAN	74,994	15.6	1		0	TEU	Auxiliary Boiler	3,000	Dampskibsselskabet	N
9310850	Tanker	2006	PAN	74,994	15.6	1		0	TEU	Main	12,240	Dampskibsselskabet	N
9311000	Tanker	2005	PAN	45,838	15.1	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9311000	Tanker	2005	PAN	45,838	15.1	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9311000	Tanker	2005	PAN	45,838	15.1	1		0	TEU	Main	9,267	Mitsui OSK Lines	N
9311256	Tanker	2005	PAN	19,992	15.7	1		0	TEU	Aux	3,049	Fairfield Chem. Carriers	N
9311256	Tanker	2005	PAN	19,992	15.7	1		0	TEU	Auxiliary Boiler	3,000	Fairfield Chem. Carriers	N
9311256	Tanker	2005	PAN	19,992	15.7	1		0	TEU	Main	6,150	Fairfield Chem. Carriers	N
9312315	Bulk	2004	PAN	28,432	14	1		0	TEU	Aux	2,028	K Line	N
9312315	Bulk	2004	PAN	28,432	14	1		0	TEU	Auxiliary Boiler	109	K Line	N
9312315	Bulk	2004	PAN	28,432	14	1		0	TEU	Main	5,850	K Line	N
9312559	Containership	2005	CHN	52,212	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9312559	Containership	2005	CHN	52,212	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9312559	Containership	2005	CHN	52,212	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9312561	Containership	2005	CHN	52,106	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9312561	Containership	2005	CHN	52,106	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9312561	Containership	2005	CHN	52,106	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9312573	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9312573	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9312573	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9312585	Containership	2006	CHN	52,186	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9312585	Containership	2006	CHN	52,186	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9312585	Containership	2006	CHN	52,186	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9312597	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9312597	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9312597	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9315446	Tanker	2005	SGP	####	15	1	4	0	TEU	Aux	2,670	LR1 Management	N
9315446	Tanker	2005	SGP	####	15	1	4	0	TEU	Auxiliary Boiler	3,000	LR1 Management	N
9315446	Tanker	2005	SGP	####	15	1	4	0	TEU	Main	15,540	LR1 Management	N
9316579	General Cargo	2004	ATG	7,837	16.5	1		614	TEU	Aux	2,110	J. Poulsen Shipping	N
9316579	General Cargo	2004	ATG	7,837	16.5	1		614	TEU	Auxiliary Boiler	371	J. Poulsen Shipping	N
9316579	General Cargo	2004	ATG	7,837	16.5	1		614	TEU	Main	6,300	J. Poulsen Shipping	N
9316957	Bulk	2006	PAN	29,828	14	1		0	TEU	Aux	2,028	SK Shipping Co. LTD.	N
9316957	Bulk	2006	PAN	29,828	14	1		0	TEU	Auxiliary Boiler	109	SK Shipping Co. LTD.	N
9316957	Bulk	2006	PAN	29,828	14	1		0	TEU	Main	6,150	SK Shipping Co. LTD.	N
9316969	Bulk	2006	PAN	30,000	14.5	1		0	TEU	Aux	2,028	Saga Forest Carriers	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9316969	Bulk	2006	PAN	30,000	14.5	1		0	TEU	Auxiliary Boiler	109	Saga Forest Carriers	N
9316969	Bulk	2006	PAN	30,000	14.5	1		0	TEU	Main	6,620	Saga Forest Carriers	N
9317341	Bulk	2005	PAN	54,881	14	1		0	TEU	Aux	2,028	K Line	N
9317341	Bulk	2005	PAN	54,881	14	1		0	TEU	Auxiliary Boiler	109	K Line	N
9317341	Bulk	2005	PAN	54,881	14	1		0	TEU	Main	8,208	K Line	N
9317353	Bulk	2006	PAN	54,700	14.5	1		0	TEU	Aux	2,028	K Line	N
9317353	Bulk	2006	PAN	54,700	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9317353	Bulk	2006	PAN	54,700	14.5	1		0	TEU	Main	8,208	K Line	N
9317406	General Cargo	2005	HKG	46,627	14.5	1		0	TEU	Aux	2,110	Saga Forest Carriers	N
9317406	General Cargo	2005	HKG	46,627	14.5	1		0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9317406	General Cargo	2005	HKG	46,627	14.5	1		0	TEU	Main	9,510	Saga Forest Carriers	N
9317418	General Cargo	2006	HKG	46,618	14.5	1		0	TEU	Aux	2,110	Saga Forest Carriers	N
9317418	General Cargo	2006	HKG	46,618	14.5	1		0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9317418	General Cargo	2006	HKG	46,618	14.5	1		0	TEU	Main	9,510	Saga Forest Carriers	N
9317937	Containership	2006	LBR	65,965	23.5	1		5041	TEU	Aux	8,361	Maersk Pacific	N
9317937	Containership	2006	LBR	65,965	23.5	1		5041	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9317937	Containership	2006	LBR	65,965	23.5	1		5041	TEU	Main	41,129	Maersk Pacific	N
9318242	Containership	2005	LBR	12,450	19	1		1147	TEU	Aux	2,753	US Lines	N
9318242	Containership	2005	LBR	12,450	19	1		1147	TEU	Auxiliary Boiler	500	US Lines	N
9318242	Containership	2005	LBR	12,450	19	1		1147	TEU	Main	10,500	US Lines	N
9318943	General Cargo	2004	GIB	7,920	15	1		614	TEU	Aux	2,110	J. Poulsen Shipping	N
9318943	General Cargo	2004	GIB	7,920	15	1		614	TEU	Auxiliary Boiler	371	J. Poulsen Shipping	N
9318943	General Cargo	2004	GIB	7,920	15	1		614	TEU	Main	6,300	J. Poulsen Shipping	N
9319545	Tanker	2006	CYP	69,431	14.8	1		0	TEU	Aux	2,798	BP Shipping USA	N
9319545	Tanker	2006	CYP	69,431	14.8	1		0	TEU	Auxiliary Boiler	3,000	BP Shipping USA	N
9319545	Tanker	2006	CYP	69,431	14.8	1		0	TEU	Main	10,223	BP Shipping USA	N
9319571	General Cargo	2006	ATG	13,950	19.8	1		1118	TEU	Aux	2,110	US Lines	N
9319571	General Cargo	2006	ATG	13,950	19.8	1		1118	TEU	Auxiliary Boiler	371	US Lines	N
9319571	General Cargo	2006	ATG	13,950	19.8	1		1118	TEU	Main	9,600	US Lines	N
9321029	Containership	2006	PAN	72,968	25	1		6350	TEU	Aux	13,226	MOL	N
9321029	Containership	2006	PAN	72,968	25	1		6350	TEU	Auxiliary Boiler	500	MOL	N
9321029	Containership	2006	PAN	72,968	25	1		6350	TEU	Main	62,919	MOL	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9321031	Containership	2006	PAN	72,300	25	1		6350	TEU	Aux	13,226	MOL	N
9321031	Containership	2006	PAN	72,300	25	1		6350	TEU	Auxiliary Boiler	500	MOL	N
9321031	Containership	2006	PAN	72,300	25	1		6350	TEU	Main	62,919	MOL	N
9321160	Tanker	2006	BHS	74,999	15	1		0	TEU	Aux	1,800	Itochu Petroleum	N
9321160	Tanker	2006	BHS	74,999	15	1		0	TEU	Auxiliary Boiler	3,000	Itochu Petroleum	N
9321160	Tanker	2006	BHS	74,999	15	1		0	TEU	Main	12,239	Itochu Petroleum	N
9321471	Containership	2006	LBR	37,950	22	1	3	2702	TEU	Aux	5,400	Zim Cont. Svc.	N
9321471	Containership	2006	LBR	37,950	22	1	3	2702	TEU	Auxiliary Boiler	500	Zim Cont. Svc.	N
9321471	Containership	2006	LBR	37,950	22	1	3	2702	TEU	Main	21,769	Zim Cont. Svc.	N
9321873	Tanker	2005	PAN	25,406	15.5	1		0	TEU	Aux	3,049	Tokmar	N
9321873	Tanker	2005	PAN	25,406	15.5	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9321873	Tanker	2005	PAN	25,406	15.5	1		0	TEU	Main	7,080	Tokmar	N
9322748	Bulk	2005	PAN	28,556	14	1		0	TEU	Aux	2,028	Inui Shipping	N
9322748	Bulk	2005	PAN	28,556	14	1		0	TEU	Auxiliary Boiler	109	Inui Shipping	N
9322748	Bulk	2005	PAN	28,556	14	1		0	TEU	Main	5,850	Inui Shipping	N
9324174	Containership	2005	MHL	16,403	19	1		1221	TEU	Aux	2,753	US Lines	N
9324174	Containership	2005	MHL	16,403	19	1		1221	TEU	Auxiliary Boiler	500	US Lines	N
9324174	Containership	2005	MHL	16,403	19	1		1221	TEU	Main	11,059	US Lines	N
9324825	Tanker	2005	PAN	14,281	15	1		0	TEU	Aux	3,049	Fairfield Chem. Carriers	N
9324825	Tanker	2005	PAN	14,281	15	1		0	TEU	Auxiliary Boiler	3,000	Fairfield Chem. Carriers	N
9324825	Tanker	2005	PAN	14,281	15	1		0	TEU	Main	5,200	Fairfield Chem. Carriers	N
9325324	Tanker	2005	SGP	48,700	15	1		0	TEU	Aux	3,049	D'Amico Tankers	N
9325324	Tanker	2005	SGP	48,700	15	1		0	TEU	Auxiliary Boiler	3,000	D'Amico Tankers	N
9325324	Tanker	2005	SGP	48,700	15	1		0	TEU	Main	9,480	D'Amico Tankers	N
9325336	Tanker	2005	PAN	44,998	15.1	1		0	TEU	Aux	3,049	Mitsui OSK Lines	N
9325336	Tanker	2005	PAN	44,998	15.1	1		0	TEU	Auxiliary Boiler	3,000	Mitsui OSK Lines	N
9325336	Tanker	2005	PAN	44,998	15.1	1		0	TEU	Main	9,480	Mitsui OSK Lines	N
9326146	Bulk	2006	PAN	54,049	14.5	1		0	TEU	Aux	2,028	K Line	N
9326146	Bulk	2006	PAN	54,049	14.5	1		0	TEU	Auxiliary Boiler	109	K Line	N
9326146	Bulk	2006	PAN	54,049	14.5	1		0	TEU	Main	8,208	K Line	N
9326756	Containership	2006	DEU	53,685	24.3	1		4298	TEU	Aux	7,434	NYK Line	N
9326756	Containership	2006	DEU	53,685	24.3	1		4298	TEU	Auxiliary Boiler	500	NYK Line	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9326756	Containership	2006	DEU	53,685	24.3	1		4298	TEU	Main	36,559	NYK Line	N
9326768	Containership	2006	DEU	51,000	24.3	1		4298	TEU	Aux	7,434	Yang Ming America	N
9326768	Containership	2006	DEU	51,000	24.3	1		4298	TEU	Auxiliary Boiler	500	Yang Ming America	N
9326768	Containership	2006	DEU	51,000	24.3	1		4298	TEU	Main	36,559	Yang Ming America	N
9330226	Containership	2006	CYP	13,760	20	1		1118	TEU	Aux	2,753	US Lines	N
9330226	Containership	2006	CYP	13,760	20	1		1118	TEU	Auxiliary Boiler	500	US Lines	N
9330226	Containership	2006	CYP	13,760	20	1		1118	TEU	Main	9,730	US Lines	N
9330379	Tanker	2005	BHS	14,246	13.9	1		0	TEU	Aux	3,049	Inchcape Shipping Service	N
9330379	Tanker	2005	BHS	14,246	13.9	1		0	TEU	Auxiliary Boiler	3,000	Inchcape Shipping Service	N
9330379	Tanker	2005	BHS	14,246	13.9	1		0	TEU	Main	4,440	Inchcape Shipping Service	N
9332195	Containership	2006	HKG	52,214	24.2	1		4583	TEU	Aux	7,434	OOCL (USA) Inc.	N
9332195	Containership	2006	HKG	52,214	24.2	1		4583	TEU	Auxiliary Boiler	500	OOCL (USA) Inc.	N
9332195	Containership	2006	HKG	52,214	24.2	1		4583	TEU	Main	36,540	OOCL (USA) Inc.	N
9333254	Tanker	2006	HKG	48,400	15	1		0	TEU	Aux	3,049	D'Amico Tankers	N
9333254	Tanker	2006	HKG	48,400	15	1		0	TEU	Auxiliary Boiler	3,000	D'Amico Tankers	N
9333254	Tanker	2006	HKG	48,400	15	1		0	TEU	Main	9,480	D'Amico Tankers	N
9333254	Tanker	2006	HKG	48,400	15.1	1		0	TEU	Aux	3,049	Handytankers	N
9333254	Tanker	2006	HKG	48,400	15.1	1		0	TEU	Auxiliary Boiler	3,000	Handytankers	N
9333254	Tanker	2006	HKG	48,400	15.1	1		0	TEU	Main	9,480	Handytankers	N
9333278	Tanker	2006	SGP	48,555	15	1		0	TEU	Aux	1,650	Andorra	N
9333278	Tanker	2006	SGP	48,555	15	1		0	TEU	Auxiliary Boiler	3,000	Andorra	N
9333278	Tanker	2006	SGP	48,555	15	1		0	TEU	Main	9,480	Andorra	N
9333280	Tanker	2006	PAN	47,931	15			0	TEU	Aux	3,049	Waterfront Shipping	N
9333280	Tanker	2006	PAN	47,931	15			0	TEU	Auxiliary Boiler	3,000	Waterfront Shipping	N
9333280	Tanker	2006	PAN	47,931	15			0	TEU	Main	6,242	Waterfront Shipping	N
9338967	Containership	2005	CYP	23,679	20.5	1		1740	TEU	Aux	2,753	Hamburg Sud	N
9338967	Containership	2005	CYP	23,679	20.5	1		1740	TEU	Auxiliary Boiler	500	Hamburg Sud	N
9338967	Containership	2005	CYP	23,679	20.5	1		1740	TEU	Main	15,785	Hamburg Sud	N
9339600	Containership	2006	SGP	17,219	19.3	1		1345	TEU	Aux	2,753	Maersk Pacific	N
9339600	Containership	2006	SGP	17,219	19.3	1		1345	TEU	Auxiliary Boiler	500	Maersk Pacific	N
9339600	Containership	2006	SGP	17,219	19.3	1		1345	TEU	Main	12,640	Maersk Pacific	N
9339612	Containership	2006	SGP	17,219	19.3	1		1345	TEU	Aux	2,753	US Lines	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9339612	Containership	2006	SGP	17,219	19.3	1		1345	TEU	Auxiliary Boiler	500	US Lines	N
9339612	Containership	2006	SGP	17,219	19.3	1		1345	TEU	Main	12,640	US Lines	N
9339789	Bulk	2005	PAN	53,478	15	1		0	TEU	Aux	2,028	MOL	N
9339789	Bulk	2005	PAN	53,478	15	1		0	TEU	Auxiliary Boiler	109	MOL	N
9339789	Bulk	2005	PAN	53,478	15	1		0	TEU	Main	9,480	MOL	N
9342853	Bulk	2006	PAN	76,598	15.2	1		0	TEU	Aux	2,028	K Line	N
9342853	Bulk	2006	PAN	76,598	15.2	1		0	TEU	Auxiliary Boiler	109	K Line	N
9342853	Bulk	2006	PAN	76,598	15.2	1		0	TEU	Main	10,320	K Line	N
9343481	General Cargo	2006	HKG	46,627	14.5	1		0	TEU	Aux	2,110	Saga Forest Carriers	N
9343481	General Cargo	2006	HKG	46,627	14.5	1		0	TEU	Auxiliary Boiler	371	Saga Forest Carriers	N
9343481	General Cargo	2006	HKG	46,627	14.5	1		0	TEU	Main	9,510	Saga Forest Carriers	N
9343778	Tanker	2006	PAN	19,999	14.7	1		0	TEU	Aux	3,049	Tokmar	N
9343778	Tanker	2006	PAN	19,999	14.7	1		0	TEU	Auxiliary Boiler	3,000	Tokmar	N
9343778	Tanker	2006	PAN	19,999	14.7	1		0	TEU	Main	5,296	Tokmar	N
9345881	Tanker	2006	PAN	23,322	15	1		0	TEU	Aux	3,049	Dorval Shpg.	N
9345881	Tanker	2006	PAN	23,322	15	1		0	TEU	Auxiliary Boiler	3,000	Dorval Shpg.	N
9345881	Tanker	2006	PAN	23,322	15	1		0	TEU	Main	7,080	Dorval Shpg.	N
9345908	Tanker	2006	PAN	19,717	14.5	1		0	TEU	Aux	3,049	Dorval Shpg.	N
9345908	Tanker	2006	PAN	19,717	14.5	1		0	TEU	Auxiliary Boiler	3,000	Dorval Shpg.	N
9345908	Tanker	2006	PAN	19,717	14.5	1		0	TEU	Main	6,230	Dorval Shpg.	N
9347956	General Cargo	2006	LBR	14,000	19	1		1118	TEU	Aux	2,110	US Lines	N
9347956	General Cargo	2006	LBR	14,000	19	1		1118	TEU	Auxiliary Boiler	371	US Lines	N
9347956	General Cargo	2006	LBR	14,000	19	1		1118	TEU	Main	9,729	US Lines	N
9347968	Containership	2006	LBR	14,000	19.6	1		1080	TEU	Aux	2,753	US Lines	N
9347968	Containership	2006	LBR	14,000	19.6	1		1080	TEU	Auxiliary Boiler	500	US Lines	N
9347968	Containership	2006	LBR	14,000	19.6	1		1080	TEU	Main	9,729	US Lines	N
9352597	Tanker	2006	PAN	19,932	15	1		0	TEU	Aux	3,049	Sokana Chartering	N
9352597	Tanker	2006	PAN	19,932	15	1		0	TEU	Auxiliary Boiler	3,000	Sokana Chartering	N
9352597	Tanker	2006	PAN	19,932	15	1		0	TEU	Main	6,150	Sokana Chartering	N
9358307	Tanker	2006	HKG	51,000	14.2	1		0	TEU	Aux	3,049	Tesoro Maritime	N
9358307	Tanker	2006	HKG	51,000	14.2	1		0	TEU	Auxiliary Boiler	3,000	Tesoro Maritime	N
9358307	Tanker	2006	HKG	51,000	14.2	1		0	TEU	Main	9,488	Tesoro Maritime	N

Vessel ID	Vessel Type	Model Year	Flag	DWT (tons)	Max Speed (knots)	Main Eng Count	Aux Eng Count	Cap	Cap Units	Engine Type	Power (kW)	Vessel Operator	Slide Valve
9358436	Containership	2006	LBR	43,100	22.4	1		3398	TEU	Aux	4,697	MOL	N
9358436	Containership	2006	LBR	43,100	22.4	1		3398	TEU	Auxiliary Boiler	500	MOL	N
9358436	Containership	2006	LBR	43,100	22.4	1		3398	TEU	Main	25,992	MOL	N
9363780	Tanker	2006	PAN	45,700	14.5	1		0	TEU	Aux	3,049	Chevron Transport	N
9363780	Tanker	2006	PAN	45,700	14.5	1		0	TEU	Auxiliary Boiler	3,000	Chevron Transport	N
9363780	Tanker	2006	PAN	45,700	14.5	1		0	TEU	Main	8,580	Chevron Transport	N
9364851	Bulk	2006	PAN	28,414	14	1		0	TEU	Aux	2,028	Pacbasin	N
9364851	Bulk	2006	PAN	28,414	14	1		0	TEU	Auxiliary Boiler	109	Pacbasin	N
9364851	Bulk	2006	PAN	28,414	14	1		0	TEU	Main	5,850	Pacbasin	N
9365817	Tanker	2006	LBR	51,302	14.5	1		0	TEU	Aux	3,049	Anglo Canadian	N
9365817	Tanker	2006	LBR	51,302	14.5	1		0	TEU	Auxiliary Boiler	3,000	Anglo Canadian	N
9365817	Tanker	2006	LBR	51,302	14.5	1		0	TEU	Main	8,165	Anglo Canadian	N
9378814	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Aux	7,434	China Shipping	N
9378814	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Auxiliary Boiler	500	China Shipping	N
9378814	Containership	2006	CHN	52,000	24.2	1		4250	TEU	Main	36,479	China Shipping	N
9387097	Containership	2006	PAN	64,100	23.5	1		4923	TEU	Aux	7,434	Yang Ming America	N
9387097	Containership	2006	PAN	64,100	23.5	1		4923	TEU	Auxiliary Boiler	500	Yang Ming America	N
9387097	Containership	2006	PAN	64,100	23.5	1		4923	TEU	Main	45,759	Yang Ming America	N



APPENDIX B – Harbor Craft



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
38546	Commercial Fishing	1	main	Chevrolet		0	ULSD	350	Tier 0-Cat 1			2,500
76920	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer		1,600
225561	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
239282	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600
246518	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
246518	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002-Q4	1,300
248084	Excursion	1	main	GM	671	0	ULSD	150	Tier 0-Cat 1			1,400
248084	Excursion	2	aux	Isuzu		0	ULSD	30	Tier 0-Cat 1			1,400
252222	Excursion	1	main			0	ULSD	340	Tier 0-Cat 1			700
252222	Excursion	2	main			0	ULSD	340	Tier 0-Cat 1			700
252222	Excursion	3	aux			0	ULSD	20	Tier 0-Cat 1			400
252222	Excursion	4	aux			0	ULSD	20	Tier 0-Cat 1			400
252657	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
255064	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
262507	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
265552	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2001-Q4	1,600
265552	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2001-Q4	1,300
273644	Assist Tug	1	main			2002	ULSD	1,750	Tier 1-Cat 2	Port	2002	1,500
273644	Assist Tug	2	main			2002	ULSD	1,750	Tier 1-Cat 2	Port	2002	1,500
273644	Assist Tug	3	aux			2002	ULSD	130	Tier 1-Cat 1	Port	2002	1,500
273644	Assist Tug	4	aux			2002	ULSD	130	Tier 1-Cat 1	Port	2002	1,500
275064	Commercial Fishing	1	main	Cummins		0	ULSD	200	Tier 0-Cat 1			1,000
275064	Commercial Fishing	2	main	Cummins		0	ULSD	200	Tier 0-Cat 1			1,000
275064	Commercial Fishing	3	aux	GM		0	ULSD	40	Tier 0-Cat 1			1,200
276600	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,600
279506	Tugboat	1	main			0	ULSD	200	Tier 0-Cat 1			780
287772	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
288101	Tugboat	1	main	CAT	343TA	0	ULSD	250	Tier 0-Cat 1			841
288101	Tugboat	2	main	CAT	343TA	0	ULSD	250	Tier 0-Cat 1			841
288101	Tugboat	3	aux	Isuzu	4 cyl	0	ULSD	40	Tier 0-Cat 1			887
293521	Government	1	main	CAT	D353	1963	ULSD	380	Tier 0-Cat 1			200
293858	WorkBoat	1	main			0	ULSD	535	Tier 0-Cat 1			26
293858	WorkBoat	2	main			0	ULSD	535	Tier 0-Cat 1			26
293858	WorkBoat	3	aux			0	ULSD	20	Tier 0-Cat 1			26
293858	WorkBoat	4	aux			0	ULSD	20	Tier 0-Cat 1			26
295420	Excursion	1	main			2003	ULSD	375	Tier 1-Cat 1	Carl Moyer	2002-Q2	3,600
295420	Excursion	2	main			2003	ULSD	375	Tier 1-Cat 1	Carl Moyer	2002-Q2	3,600
295420	Excursion	3	aux			2003	ULSD	50	Tier 1-Cat 1	Carl Moyer	2002-Q2	3,600
299047	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
299636	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
386271	Excursion	1	main	Northern Lights	M439Q	2002	ULSD	360	Tier 1-Cat 1	Carl Moyer	2002	6,600
386271	Excursion	2	main	Cummins		2002	ULSD	360	Tier 1-Cat 1	Carl Moyer	2002	6,600
386271	Excursion	3	aux	Cummins		2002	ULSD	47	Tier 1-Cat 1	Carl Moyer	2002	6,600
386271	Excursion	4	aux	Isuzu	4JG-1	2002	ULSD	47	Tier 1-Cat 1	Carl Moyer	2002	6,600
501535	CrewBoat	1	main	Cummins	QSM 11 (1	2004	ULSD	550	Tier 2-Cat 1	Carl Moyer	2004	100
501535	CrewBoat	2	main	Cummins	QSM 11 (1	2004	ULSD	550	Tier 2-Cat 1	Carl Moyer	2004	100
501535	CrewBoat	3	aux			0	ULSD	27	Tier 0-Cat 1			100
502206	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Port	2002	1,600
503695	Assist Tug	1	main	CAT	3516A	0	ULSD	2,400	Tier 0-Cat 1			2,500
503695	Assist Tug	2	main	CAT	3516A	0	ULSD	2,400	Tier 0-Cat 1			2,500
503695	Assist Tug	3	aux	CAT	3304	0	ULSD	115	Tier 0-Cat 1			2,880
503695	Assist Tug	4	aux	CAT	3304	0	ULSD	115	Tier 0-Cat 1			2,880
504605	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002-Q2	1,600
504784	CrewBoat	1	main	Cummins	6CTA	2003	ULSD	235	Tier 1-Cat 1	Carl Moyer	2003	300
504784	CrewBoat	2	main	Cummins	6CTA	2003	ULSD	235	Tier 1-Cat 1	Carl Moyer	2003	300
505141	CrewBoat	1	main	Detroit Diesel	Series 60	2004	ULSD	535	Tier 2-Cat 1	Carl Moyer	2004-Q2	200
505141	CrewBoat	2	main	Detroit Diesel	Series 60	2004	ULSD	535	Tier 2-Cat 1	Carl Moyer	2004-Q2	200
505141	CrewBoat	3	aux	Northern Lights	M439Q	2004	ULSD	27	Tier 2-Cat 1	Carl Moyer	2004-Q2	200
505141	CrewBoat	4	aux	Northern Lights	M439Q	2004	ULSD	27	Tier 2-Cat 1	Carl Moyer	2004-Q2	200
507101	Ocean Tug	1	main	EMD	16-645-E2	1987	ULSD	1,950	Tier 0-Cat 2			80
507101	Ocean Tug	2	main	EMD	16-645-E2	1987	ULSD	1,950	Tier 0-Cat 2			80
507101	Ocean Tug	3	aux	GM	671	1987	ULSD	107	Tier 0-Cat 1			80
507101	Ocean Tug	4	aux	GM	671	1987	ULSD	107	Tier 0-Cat 1			80
507562	CrewBoat	1	main	Cummins	6CTA 8.3	2003	ULSD	300	Tier 1-Cat 1			300
507562	CrewBoat	2	main	Cummins	6CTA 8.3	2003	ULSD	300	Tier 1-Cat 1			300
507798	Commercial Fishing	1	main			2003	ULSD	230	Tier 1-Cat 1	Carl Moyer	2003-Q3	1,600
507798	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2003-Q3	1,300
509235	CrewBoat	1	main			2002	ULSD	320	Tier 1-Cat 1	Carl Moyer	2002-Q2	800
509235	CrewBoat	2	main			2002	ULSD	320	Tier 1-Cat 1	Carl Moyer	2002-Q2	800
509632	Commercial Fishing	1	main			2004	ULSD	230	Tier 2-Cat 1	Port	2004-Q2	1,600
509632	Commercial Fishing	2	aux			2004	ULSD	71	Tier 2-Cat 1	Port	2004-Q2	1,300
510706	Assist Tug	1	main			0	ULSD	1,800	Tier 0-Cat 2			1,500
510706	Assist Tug	2	main			0	ULSD	1,800	Tier 0-Cat 2			1,500
510706	Assist Tug	3	aux			2003	ULSD	130	Tier 1-Cat 1	Carl Moyer	2003	1,500
510706	Assist Tug	4	aux			2003	ULSD	130	Tier 1-Cat 1	Carl Moyer	2003	1,500
514012	Excursion	1	main	Lugger		0	ULSD	375	Tier 0-Cat 1			3,000
514012	Excursion	2	main	Lugger		0	ULSD	375	Tier 0-Cat 1			3,000
514012	Excursion	3	aux	Isuzu		2003	ULSD	54	Tier 1-Cat 1	Carl Moyer	2003-Q2	3,000
516924	Ocean Tug	1	main	CAT	3516B	1968	ULSD	1,700	Tier 0-Cat 1			50



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
516924	Ocean Tug	2	main	CAT	3516B	1968	ULSD	1,700	Tier 0-Cat 1			50
516924	Ocean Tug	3	aux	CAT	3306	1968	ULSD	100	Tier 0-Cat 1			50
516924	Ocean Tug	4	aux	CAT	3306	1968	ULSD	100	Tier 0-Cat 1			50
520063	CrewBoat	1	main	CAT	3460E	2003	ULSD	450	Tier 1-Cat 1		2003	800
520063	CrewBoat	2	main	CAT	3460E	2003	ULSD	450	Tier 1-Cat 1		2003	800
520063	CrewBoat	3	aux	Detroit Diesel	253	1980	ULSD	13	Tier 0-Cat 1			800
524820	Tugboat	1	main	Cat	3516	0	ULSD	1,500	Tier 0-Cat 1			1,225
524820	Tugboat	2	main	Cat	3516	0	ULSD	1,500	Tier 0-Cat 1			1,225
524820	Tugboat	3	aux			2000	ULSD	50	Tier 0-Cat 1			767
524820	Tugboat	4	aux			2000	ULSD	50	Tier 0-Cat 1			1,477
525438	Tugboat	1	main	CAT	3406	2001	ULSD	450	Tier 1-Cat 1			400
525438	Tugboat	2	main	CAT	3406	2001	ULSD	450	Tier 1-Cat 1			400
525438	Tugboat	3	aux	Isuzu	4JBIPV	1998	ULSD	28	Tier 0-Cat 1			400
526455	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
527002	Commercial Fishing	1	main	Detroit	671	0	ULSD	150	Tier 0-Cat 1			1,200
527002	Commercial Fishing	2	aux			0	ULSD	10	Tier 0-Cat 1			100
527950	Tugboat	1	main	Detroit	8V71	1974	ULSD	300	Tier 0-Cat 1			400
527950	Tugboat	2	main	Detroit	8V71	1974	ULSD	300	Tier 0-Cat 1			400
527950	Tugboat	3	aux	Lister	2cyl	1970	ULSD	30	Tier 0-Cat 1			400
528758	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
536323	Ocean Tug	1	main	EMD	16-645-E6	1987	ULSD	1,950	Tier 0-Cat 2			200
536323	Ocean Tug	2	main	EMD	16-645-E6	1987	ULSD	1,950	Tier 0-Cat 2			200
536323	Ocean Tug	3	aux	John Deere	4045	1987	ULSD	94	Tier 0-Cat 1			200
536323	Ocean Tug	4	aux	John Deere	4045	1987	ULSD	94	Tier 0-Cat 1			200
539789	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
541282	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
545137	Excursion	1	main	Cummins		0	ULSD	315	Tier 0-Cat 1			1,800
545137	Excursion	2	main	Cummins		0	ULSD	315	Tier 0-Cat 1			1,800
545137	Excursion	3	aux	Northstar		0	ULSD	7	Tier 0-Cat 1			1,800
548257	CrewBoat	1	main	GM	12V71	1980	ULSD	500	Tier 0-Cat 1			400
548257	CrewBoat	2	main	GM	12V71	1980	ULSD	500	Tier 0-Cat 1			400
548257	CrewBoat	3	main	GM	12V71	1980	ULSD	500	Tier 0-Cat 1			400
548257	CrewBoat	4	aux	Detroit Diesel	371	1980	ULSD	60	Tier 0-Cat 1			400
548257	CrewBoat	5	aux	Detroit Diesel	371	1980	ULSD	60	Tier 0-Cat 1			400
549243	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
549506	Commercial Fishing	1	main			2003	ULSD	230	Tier 1-Cat 1	Port	2003-Q2	1,600
550775	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
554490	Commercial Fishing	1	main	CAT		0	ULSD	210	Tier 0-Cat 1			1,300
554490	Commercial Fishing	2	main	CAT		0	ULSD	210	Tier 0-Cat 1			1,300
554490	Commercial Fishing	3	aux	Kubota		0	ULSD	12	Tier 0-Cat 1			1,000



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
558005	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
558048	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
559458	Commercial Fishing	1	main	Detroit	6V53	0	ULSD	195	Tier 0-Cat 1			900
559458	Commercial Fishing	2	aux	Detroit	6V53	0	ULSD	195	Tier 0-Cat 1			900
559458	Commercial Fishing	3	aux			0	ULSD	16	Tier 0-Cat 1			1,440
560023	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2003-Q3	1,600
564009	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
566019	Excursion	1	main	Cummins	QSM 11 (l	2004	ULSD	300	Tier 2-Cat 1	Carl Moyer	2004	2,400
566019	Excursion	2	main	Cummins	QSM 11 (l	2004	ULSD	300	Tier 2-Cat 1	Carl Moyer	2004	2,400
566019	Excursion	3	aux			0	ULSD	30	Tier 0-Cat 1			2,400
566610	Ocean Tug	1	main	Detroit Diesel	12V4000	2002	ULSD	805	Tier 1-Cat 1	Carl Moyer	Jun-02	200
566610	Ocean Tug	2	main	Detroit Diesel	12V4000	2002	ULSD	805	Tier 1-Cat 1	Carl Moyer	Jun-02	200
566610	Ocean Tug	3	aux	Northern Lights	M668T	2003	ULSD	60	Tier 1-Cat 1	Carl Moyer	Mar-03	200
566610	Ocean Tug	4	aux	Northern Lights	M668T	2003	ULSD	60	Tier 1-Cat 1	Carl Moyer	Mar-03	200
573793	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Port	2002-Q4	1,600
574577	Commercial Fishing	1	main	Cummins	855M	0	ULSD	180	Tier 0-Cat 1			2,740
574577	Commercial Fishing	2	aux			0	ULSD	40	Tier 0-Cat 1			274
578090	Ocean Tug	1	main	Detroit Diesel	12V4000	2001	ULSD	805	Tier 1-Cat 1		Dec-01	200
578090	Ocean Tug	2	main	Detroit Diesel	12V4000	2001	ULSD	805	Tier 1-Cat 1		Dec-01	200
578090	Ocean Tug	3	aux	Northern Lights	M668T	2002	ULSD	60	Tier 1-Cat 1		Dec-02	200
578090	Ocean Tug	4	aux	Northern Lights	M668T	2002	ULSD	60	Tier 1-Cat 1		Dec-02	200
578511	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
578511	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002	1,300
579584	Excursion	1	main	GM	671	1981	ULSD	250	Tier 0-Cat 1			1,000
579584	Excursion	2	main	GM	671	1981	ULSD	250	Tier 0-Cat 1			1,000
579584	Excursion	3	aux	Isuzu		1981	ULSD	40	Tier 0-Cat 1			1,000
582572	CrewBoat	1	main	Detroit Diesel	8V71	1977	ULSD	350	Tier 0-Cat 1			300
582572	CrewBoat	2	main	Detroit Diesel	8V71	1977	ULSD	350	Tier 0-Cat 1			300
582572	CrewBoat	3	aux		8 kw	1977	ULSD	11	Tier 0-Cat 1			300
584928	Commercial Fishing	1	main	Detroit	671	0	ULSD	150	Tier 0-Cat 1			1,200
588883	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
588883	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002	1,300
592002	CrewBoat	1	main			2003	ULSD	300	Tier 1-Cat 1	Carl Moyer	2003	1,000
592002	CrewBoat	2	main			2003	ULSD	300	Tier 1-Cat 1	Carl Moyer	2003	1,000
596508	Commercial Fishing	1	main	Detroit	671	0	ULSD	180	Tier 0-Cat 1			1,000
599840	Tugboat	1	main	Detroit	16V2000	2002	ULSD	1,070	Tier 1-Cat 1	Carl Moyer	2002	1,000
599840	Tugboat	2	main	Detroit	16V2000	2002	ULSD	1,070	Tier 1-Cat 1	Carl Moyer	2002	1,000
599840	Tugboat	3	aux	Northern Lights	M439D	2003	ULSD	30	Tier 1-Cat 1	Carl Moyer	2002	1,000
599840	Tugboat	4	aux	Northern Lights	M439D	2003	ULSD	30	Tier 1-Cat 1	Carl Moyer	2002	1,000
602386	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
602455	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
602455	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002-Q4	1,300
608155	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
609626	Excursion	1	main	GMC	671	0	ULSD	250	Tier 0-Cat 1			1,000
609626	Excursion	2	main	GMC	671	0	ULSD	250	Tier 0-Cat 1			1,000
609626	Excursion	3	aux			0	ULSD	40	Tier 0-Cat 1			1,000
610766	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
615769	Ferry	1	main	Cummins	KTA-19	2003	ULSD	600	Tier 1-Cat 1	Carl Moyer	2003	1,000
615769	Ferry	2	main	Cummins	KTA-19	2003	ULSD	600	Tier 1-Cat 1	Carl Moyer	2003	1,000
626847	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600
626847	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002	1,300
626847	Commercial Fishing	3	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002	1,300
637597	WorkBoat	1	main	Detroit	16V2000	2003	ULSD	800	Tier 1-Cat 1	Carl Moyer	2003-Q1	2,000
637597	WorkBoat	2	main	Detroit	16V2000	2003	ULSD	800	Tier 1-Cat 1	Carl Moyer	2003-Q1	2,000
637597	WorkBoat	3	aux	Northern Lights	M55C	2003	ULSD	83	Tier 1-Cat 1	Carl Moyer	2003-Q1	2,000
637597	WorkBoat	4	aux	Northern Lights	M55C	2003	ULSD	83	Tier 1-Cat 1	Carl Moyer	2003-Q1	2,000
637858	Tugboat	1	main	CAT	3406	2005	ULSD	475	Tier 2-Cat 1	Carl Moyer	2005	841
637858	Tugboat	2	main	CAT	3406	2005	ULSD	475	Tier 2-Cat 1	Carl Moyer	2005	841
637858	Tugboat	3	main	CAT	3406	2005	ULSD	475	Tier 2-Cat 1	Carl Moyer	2005	841
637858	Tugboat	4	aux			2005	ULSD	27	Tier 2-Cat 1	Carl Moyer	2005	887
637858	Tugboat	5	aux			2005	ULSD	27	Tier 2-Cat 1	Carl Moyer	2005	887
643138	Commercial Fishing	1	main	CAT		2002	ULSD	615	Tier 1-Cat 1	Port	2002-Q4	4,000
643138	Commercial Fishing	2	aux	John Deere		2002	ULSD	110	Tier 1-Cat 1	Port	2002-Q4	3,000
643138	Commercial Fishing	3	aux	Isuzu		2002	ULSD	100	Tier 1-Cat 1	Port	2002-Q4	2,000
643138	Commercial Fishing	4	aux	John Deere		2002	ULSD	50	Tier 1-Cat 1	Port	2002-Q4	3,000
643724	CrewBoat	1	main	Detroit		1981	ULSD	300	Tier 0-Cat 1			1,000
643724	CrewBoat	2	main	Detroit		1981	ULSD	300	Tier 0-Cat 1			1,000
643724	CrewBoat	3	main	Detroit		1981	ULSD	300	Tier 0-Cat 1			1,000
643724	CrewBoat	4	aux	Isuzu		2002	ULSD	300	Tier 1-Cat 1	Carl Moyer	2002-Q1	1,000
643724	CrewBoat	5	aux	Isuzu		2002	ULSD	300	Tier 1-Cat 1	Carl Moyer	2002-Q1	1,000
647513	Commercial Fishing	1	main	CAT		0	ULSD	165	Tier 0-Cat 1			1,800
647513	Commercial Fishing	2	aux			0	ULSD	30	Tier 0-Cat 1			200
647558	Tugboat	1	main	Detroit	Series 60	1999	ULSD	400	Tier 0-Cat 1			1,000
647558	Tugboat	2	main	Detroit	Series 60	1999	ULSD	400	Tier 0-Cat 1			1,000
647558	Tugboat	3	aux	Northern Lights	M445Q	1999	ULSD	22	Tier 0-Cat 1			1,000
647558	Tugboat	4	aux	Northern Lights	M445Q	1999	ULSD	22	Tier 0-Cat 1			1,000
648720	Commercial Fishing	1	main			2004	ULSD	940	Tier 2-Cat 1	Carl Moyer	2004-Q1	3,500
648720	Commercial Fishing	2	aux			2004	ULSD	165	Tier 2-Cat 1	Carl Moyer	2004-Q1	4,500
648720	Commercial Fishing	3	aux			2004	ULSD	165	Tier 2-Cat 1	Carl Moyer	2004-Q1	4,500
648720	Commercial Fishing	4	aux			2004	ULSD	165	Tier 2-Cat 1	Carl Moyer	2004-Q1	2,500



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
650274	Assist Tug	1	main	EMD	12-645-EC	1982	ULSD	1,500	Tier 0-Cat 2			1,889
650274	Assist Tug	2	main	EMD	12-645-EC	1982	ULSD	1,500	Tier 0-Cat 2			1,889
650274	Assist Tug	3	aux	Detroit	671	1982	ULSD	133	Tier 0-Cat 1			2,608
650274	Assist Tug	4	aux	Detroit	671	1982	ULSD	133	Tier 0-Cat 1			1,300
650871	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002	1,300
655047	Excursion	1	main	Detroit	8V92T DI	0	ULSD	530	Tier 0-Cat 1			2,000
655047	Excursion	2	main	Detroit	8V92T DI	0	ULSD	530	Tier 0-Cat 1			2,000
655047	Excursion	3	aux	Northern Lights		0	ULSD	40	Tier 0-Cat 1			3,500
658354	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
659928	WorkBoat	1	main			1996	ULSD	394	Tier 0-Cat 1			125
659928	WorkBoat	2	main			1996	ULSD	394	Tier 0-Cat 1			125
659928	WorkBoat	3	aux			1997	ULSD	33	Tier 0-Cat 1			95
659928	WorkBoat	4	aux			1997	ULSD	33	Tier 0-Cat 1			95
660593	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
669176	Excursion	1	main	Cummins	6BTA 5.9	1984	ULSD	375	Tier 0-Cat 1			650
669176	Excursion	2	main	Cummins	675	1984	ULSD	375	Tier 0-Cat 1			650
669176	Excursion	3	aux	Cummins	675	1984	ULSD	50	Tier 0-Cat 1			650
669176	Excursion	4	aux	Isuzu		1984	ULSD	50	Tier 0-Cat 1			650
669674	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
675015	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
699300	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
910357	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
926326	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
927890	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,600
938545	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
945865	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600
956836	Government	1	main	CAT	3412	1990	ULSD	764	Tier 0-Cat 1			500
956836	Government	2	main	CAT	3412	1990	ULSD	764	Tier 0-Cat 1			500
969350	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
971839	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600
975123	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2001-Q4	1,600
975123	Commercial Fishing	2	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2001-Q4	1,600
981441	Commercial Fishing	1	main	GMC	I-143	0	ULSD	120	Tier 0-Cat 1			1,500
984893	WorkBoat	1	main			0	ULSD	535	Tier 0-Cat 1			26
984893	WorkBoat	2	main			0	ULSD	535	Tier 0-Cat 1			26
984893	WorkBoat	3	aux			0	ULSD	20	Tier 0-Cat 1			26
984893	WorkBoat	4	aux			0	ULSD	20	Tier 0-Cat 1			26
984894	WorkBoat	1	main			0	ULSD	535	Tier 0-Cat 1			26
984894	WorkBoat	2	main			0	ULSD	535	Tier 0-Cat 1			26
984894	WorkBoat	3	aux			0	ULSD	20	Tier 0-Cat 1			26



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
984894	WorkBoat	4	aux			0	ULSD	20	Tier 0-Cat 1			26
1000037	Ferry	1	main	CAT	3512	1997	ULSD	1,800	Tier 0-Cat 1			1,200
1000037	Ferry	2	main	CAT	3512	1997	ULSD	1,800	Tier 0-Cat 1			1,200
1000037	Ferry	3	aux	Northern Lights		0	ULSD	120	Tier 0-Cat 1			750
1000037	Ferry	4	aux	Northern Lights		0	ULSD	120	Tier 0-Cat 1			750
1000101	Tugboat	1	main	Detroit Diesel	Series 60	2005	ULSD	375	Tier 2-Cat 1	Port	2005	80
1000101	Tugboat	2	main	Detroit Diesel	Series 60	2005	ULSD	375	Tier 2-Cat 1	Port	2005	80
1000101	Tugboat	3	aux			2005	ULSD	30	Tier 2-Cat 1	Carl Moyer	2005	80
1000119	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
1000127	Excursion	1	main			2003	ULSD	400	Tier 1-Cat 1	Carl Moyer	2002-Q2	1,000
1000127	Excursion	2	aux	Lugger		2003	ULSD	50	Tier 1-Cat 1	Carl Moyer	2002-Q2	1,000
1000135	Excursion	1	main			0	ULSD	375	Tier 0-Cat 1			3,600
1000135	Excursion	2	main			0	ULSD	375	Tier 0-Cat 1			3,600
1000135	Excursion	3	main			0	ULSD	375	Tier 0-Cat 1			3,600
1000135	Excursion	4	aux			2003	ULSD	50	Tier 1-Cat 1	Port	2003-Q1	3,600
1000135	Excursion	5	aux			2003	ULSD	50	Tier 1-Cat 1	Port	2003-Q1	3,600
1000157	Excursion	1	main			1992	ULSD	440	Tier 0-Cat 1			1,000
1000157	Excursion	2	main			1992	ULSD	440	Tier 0-Cat 1			1,000
1000157	Excursion	3	aux			1992	ULSD	20	Tier 0-Cat 1			1,000
1000173	Ferry	1	main	Cummins	KTA-19	2003	ULSD	600	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,000
1000173	Ferry	2	main	Cummins	KTA-19	2003	ULSD	600	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,000
1000189	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002-Q4	1,600
1000189	Commercial Fishing	2	aux			2002	ULSD	71	Tier 1-Cat 1	Carl Moyer	2002-Q4	1,300
1000211	Excursion	1	main	Lugger		2003	ULSD	400	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,200
1000211	Excursion	2	main	Lugger		2003	ULSD	400	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,200
1000211	Excursion	3	aux			2003	ULSD	50	Tier 1-Cat 1	Carl Moyer	2003-Q2	1,200
1000247	Tugboat	1	main	Detroit	16V2000	2001	ULSD	1,070	Tier 1-Cat 1	Carl Moyer	2002-Q1	2,190
1000247	Tugboat	2	main	Detroit	16V2000	2001	ULSD	1,070	Tier 1-Cat 1	Carl Moyer	2002-Q1	2,190
1000247	Tugboat	3	aux	Northern Lights	M40C	2001	ULSD	39	Tier 1-Cat 1	Carl Moyer	2002-Q1	2,190
1000247	Tugboat	4	aux	Northern Lights	M40C	2001	ULSD	39	Tier 1-Cat 1	Carl Moyer	2002-Q1	2,190
1000258	Tugboat	1	main			0	ULSD	550	Tier 0-Cat 1			0
1000258	Tugboat	2	main			0	ULSD	550	Tier 0-Cat 1			0
1000258	Tugboat	3	aux			0	ULSD	30	Tier 0-Cat 1			0
1000258	Tugboat	4	aux			0	ULSD	30	Tier 0-Cat 1			0
1000266	Assist Tug	1	main			0	ULSD	1,250	Tier 0-Cat 1			1,500
1000266	Assist Tug	2	main			0	ULSD	1,250	Tier 0-Cat 1			1,500
1000266	Assist Tug	3	aux			0	ULSD	130	Tier 0-Cat 1			1,500
1000266	Assist Tug	4	aux			0	ULSD	130	Tier 0-Cat 1			1,500
1000291	CrewBoat	1	main	Cummins	KTA-19	2004	ULSD	300	Tier 2-Cat 1	Carl Moyer	2004	1,000
1000291	CrewBoat	2	main	Cummins	KTA-19	2004	ULSD	300	Tier 2-Cat 1	Carl Moyer	2004	1,000



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1000291	CrewBoat	3	main	Cummins	KTA-19	2004	ULSD	300	Tier 2-Cat 1	Carl Moyer	2004	1,000
1000291	CrewBoat	4	aux			0	ULSD	300	Tier 0-Cat 1			1,000
1000291	CrewBoat	5	aux			0	ULSD	300	Tier 0-Cat 1			1,000
1000315	WorkBoat	1	main	Cummins		2005	ULSD	250	Tier 1-Cat 1	Carl Moyer	2005	200
1000315	WorkBoat	2	main	Cummins		2005	ULSD	250	Tier 1-Cat 1	Carl Moyer	2005	200
1000315	WorkBoat	3	aux	Yanmar		0	ULSD	13	Tier 0-Cat 1			200
1000315	WorkBoat	4	aux	Yanmar		0	ULSD	13	Tier 0-Cat 1			200
1000319	Assist Tug	1	main	CAT		1999	ULSD	2,000	Tier 0-Cat 2			1,492
1000319	Assist Tug	2	main	CAT		1999	ULSD	2,000	Tier 0-Cat 2			1,492
1000319	Assist Tug	3	aux			0	ULSD	200	Tier 0-Cat 1			1,492
1000337	WorkBoat	1	main	Detroit	Series 60	0	ULSD	400	Tier 0-Cat 1			2,000
1000337	WorkBoat	2	main	Detroit	Series 60	0	ULSD	400	Tier 0-Cat 1			2,000
1000337	WorkBoat	3	aux	Northern Lights	M33C	2003	ULSD	48	Tier 1-Cat 1	Carl Moyer	2003-Q1	2,000
1000343	Tugboat	1	main	CAT	D398	0	ULSD	900	Tier 0-Cat 1			800
1000343	Tugboat	2	main	CAT	D398	0	ULSD	900	Tier 0-Cat 1			800
1000343	Tugboat	3	aux	Detroit	471	0	ULSD	89	Tier 0-Cat 1			1,111
1000343	Tugboat	4	aux	Detroit	471	0	ULSD	89	Tier 0-Cat 1			260
1021197	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
1033538	Government	1	main	Detroit	Series 60	2001	ULSD	545	Tier 1-Cat 1			1,200
1033538	Government	2	main	Detroit	Series 60	2001	ULSD	545	Tier 1-Cat 1			1,200
1035058	Government	1	main			2001	ULSD	545	Tier 1-Cat 1			900
1035058	Government	2	main			2001	ULSD	545	Tier 1-Cat 1			900
1036317	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
1041844	WorkBoat	1	main			0	ULSD	375	Tier 0-Cat 1			26
1041844	WorkBoat	2	main			0	ULSD	375	Tier 0-Cat 1			26
1041845	WorkBoat	1	main			0	ULSD	375	Tier 0-Cat 1			26
1041845	WorkBoat	2	main			0	ULSD	375	Tier 0-Cat 1			26
1041846	WorkBoat	1	main			0	ULSD	375	Tier 0-Cat 1			26
1041846	WorkBoat	2	main			0	ULSD	375	Tier 0-Cat 1			26
1041847	WorkBoat	1	main			0	ULSD	200	Tier 0-Cat 1			26
1041847	WorkBoat	2	main			0	ULSD	200	Tier 0-Cat 1			26
1041848	WorkBoat	1	main			0	ULSD	200	Tier 0-Cat 1			26
1041848	WorkBoat	2	main			0	ULSD	200	Tier 0-Cat 1			26
1041874	WorkBoat	1	main			0	ULSD	375	Tier 0-Cat 1			26
1041874	WorkBoat	2	main			0	ULSD	375	Tier 0-Cat 1			26
1041875	WorkBoat	1	main			0	ULSD	200	Tier 0-Cat 1			26
1041875	WorkBoat	2	main			0	ULSD	200	Tier 0-Cat 1			26
1043481	Assist Tug	1	main	EMD	16 645E	1996	ULSD	2,150	Tier 0-Cat 2			1,400
1043481	Assist Tug	2	main	EMD	16 645E	1996	ULSD	2,150	Tier 0-Cat 2			1,400
1043481	Assist Tug	3	aux	G.M.	671	1996	ULSD	180	Tier 0-Cat 1			1,400



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1043481	Assist Tug	4	aux	G.M.	671	1996	ULSD	180	Tier 0-Cat 1			1,400
1060787	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
1060958	CrewBoat	1	main	CAT	C-32	0	ULSD	1,400	Tier 0-Cat 1			1,805
1060958	CrewBoat	2	main	CAT	C-32	0	ULSD	1,400	Tier 0-Cat 1			1,805
1060958	CrewBoat	3	aux	Detroit	671	0	ULSD	133	Tier 0-Cat 1			800
1060958	CrewBoat	4	aux	Detroit	671	0	ULSD	133	Tier 0-Cat 1			1,300
1063748	Assist Tug	1	main	CAT	3516B	1998	ULSD	2,400	Tier 0-Cat 1			2,500
1063748	Assist Tug	2	main	CAT	3516B	1998	ULSD	2,400	Tier 0-Cat 1			2,500
1063748	Assist Tug	3	aux	CAT	3304T	2003	ULSD	115	Tier 1-Cat 1	Carl Moyer	2003	2,880
1063748	Assist Tug	4	aux	CAT	3304T	2003	ULSD	115	Tier 1-Cat 1	Carl Moyer	2003	2,880
1063760	Assist Tug	1	main	CAT	3516B	1998	ULSD	2,400	Tier 0-Cat 1			2,500
1063760	Assist Tug	2	main	CAT	3516B	1998	ULSD	2,400	Tier 0-Cat 1			2,500
1063760	Assist Tug	3	aux	CAT	3304T	1998	ULSD	115	Tier 0-Cat 1			2,880
1063760	Assist Tug	4	aux	CAT	3304T	1998	ULSD	115	Tier 0-Cat 1			2,880
1065496	CrewBoat	1	main	Detroit	12V71	1997	ULSD	325	Tier 0-Cat 1			1,600
1065496	CrewBoat	2	main	Detroit	12V71	1997	ULSD	325	Tier 0-Cat 1			1,600
1065496	CrewBoat	3	aux			1997	ULSD	55	Tier 0-Cat 1			1,600
1084928	Ocean Tug	1	main			0	ULSD	2,000	Tier 0-Cat 1			750
1084928	Ocean Tug	2	main			0	ULSD	2,000	Tier 0-Cat 1			750
1084928	Ocean Tug	3	aux			0	ULSD	150	Tier 0-Cat 1			750
1084928	Ocean Tug	4	aux			0	ULSD	150	Tier 0-Cat 1			750
1091659	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
1092296	Assist Tug	1	main	CAT	3516	2000	ULSD	2,200	Tier 1-Cat 1			150
1092296	Assist Tug	2	main	CAT	3516	2000	ULSD	2,200	Tier 1-Cat 1			150
1092296	Assist Tug	3	aux			2000	ULSD	125	Tier 1-Cat 1			150
1092296	Assist Tug	4	aux			2000	ULSD	125	Tier 1-Cat 1			150
1099439	Tugboat	1	main	Detroit	12V2000	2001	ULSD	1,000	Tier 1-Cat 1	Company expense	2001	0
1099439	Tugboat	2	main	Detroit	12V2000	2001	ULSD	1,000	Tier 1-Cat 1	Company expense	2001	0
1099439	Tugboat	3	aux	Detroit	LM445Q	2001	ULSD	22	Tier 1-Cat 1	Company expense	2001	0
1099439	Tugboat	4	aux	Detroit	LM445Q	2001	ULSD	22	Tier 1-Cat 1	Company expense	2001	0
1099591	Assist Tug	1	main			2000	ULSD	2,200	Tier 1-Cat 1			750
1099591	Assist Tug	2	main	CAT	3516B	2000	ULSD	2,200	Tier 1-Cat 1			750
1099591	Assist Tug	3	aux			2000	ULSD	125	Tier 1-Cat 1			750
1099591	Assist Tug	4	aux			2000	ULSD	125	Tier 1-Cat 1			750
1104811	Government	1	main			1993	ULSD	24	Tier 0-Cat 1			900
1109985	Ferry	1	main	MTU	12V4000	2004	ULSD	2,300	Tier 2-Cat 1	Port	2004	1,200
1109985	Ferry	2	main	MTU	12V4000	2004	ULSD	2,300	Tier 2-Cat 1	Port	2004	1,200
1109985	Ferry	3	main	MTU	12V4000	2004	ULSD	2,300	Tier 2-Cat 1	Port	2004	750
1109985	Ferry	4	main	MTU	12V4000	2004	ULSD	2,300	Tier 2-Cat 1	Port	2004	750
1111106	Tugboat	1	main	Detroit Diesel	16V2000	2000	ULSD	1,110	Tier 1-Cat 1	Carl Moyer	2001-Q1	1,728



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
1111106	Tugboat	2	main	Detroit Diesel	16V2000	2000	ULSD	1,110	Tier 1-Cat 1	Carl Moyer	2001-Q1	1,728
1111106	Tugboat	3	aux	John Deere		2000	ULSD	90	Tier 1-Cat 1	Carl Moyer	2001-Q1	1,728
1111106	Tugboat	4	aux	John Deere		2000	ULSD	90	Tier 1-Cat 1	Carl Moyer	2001-Q1	1,728
1119924	Tugboat	1	main	Detroit Diesel	Series 60	0	ULSD	450	Tier 0-Cat 1			1,000
1119924	Tugboat	2	main	Detroit Diesel	Series 60	0	ULSD	450	Tier 0-Cat 1			1,000
1132413	Excursion	1	main	Isuzu	4JG-1	0	ULSD	250	Tier 0-Cat 1			900
1132413	Excursion	2	main	Cummins		0	ULSD	250	Tier 0-Cat 1			900
1132413	Excursion	3	aux	Cummins		0	ULSD	40	Tier 0-Cat 1			900
1150866	Assist Tug	1	main	CAT	3512	2004	ULSD	1,850	Tier 2-Cat 1			2,254
1150866	Assist Tug	2	main	CAT	3512	2004	ULSD	1,850	Tier 2-Cat 1			2,254
1150866	Assist Tug	3	aux	G.M.	3056	2004	ULSD	148	Tier 2-Cat 1			2,254
1150866	Assist Tug	4	aux	G.M.	3056	2004	ULSD	148	Tier 2-Cat 1			2,254
1172744	Assist Tug	1	main			2005	ULSD	2,540	Tier 2-Cat 1			2,000
1172744	Assist Tug	2	main			2005	ULSD	2,540	Tier 2-Cat 1			2,000
1172744	Assist Tug	3	aux			2005	ULSD	180	Tier 2-Cat 1			1,000
1172744	Assist Tug	4	aux			2005	ULSD	180	Tier 2-Cat 1			2,000
1177724	Assist Tug	1	main	Cat	3512	2005	ULSD	2,023	Tier 2-Cat 1			2,000
1177724	Assist Tug	2	main	Cat	3512	2005	ULSD	2,023	Tier 2-Cat 1			2,000
1177724	Assist Tug	3	aux			2005	ULSD	136	Tier 2-Cat 1			2,000
1177724	Assist Tug	4	aux			2005	ULSD	136	Tier 2-Cat 1			530
1191006	Tugboat	1	main	MTU/DDC	16V4000	2006	ULSD	1,875	Tier 2-Cat 1	Company expense	2006-Q4	0
1191006	Tugboat	2	main	MTU/DDC	16V4000	2006	ULSD	1,875	Tier 2-Cat 1	Company expense	2006-Q4	0
1191006	Tugboat	3	aux			2006	ULSD	90	Tier 2-Cat 1	Company expense	2006-Q4	0
1191006	Tugboat	4	aux			2006	ULSD	90	Tier 2-Cat 1	Company expense	2006-Q4	0
6431381	Excursion	1	main	EMD	12-645-E5	1959	ULSD	300	Tier 0-Cat 1			500
7531840	Tugboat	1	main	EMD	12-645-E5	0	ULSD	1,500	Tier 0-Cat 2			841
7531840	Tugboat	2	main	EMD	12-645-E5	0	ULSD	1,500	Tier 0-Cat 2			841
7531840	Tugboat	3	aux	Detroit	471	0	ULSD	80	Tier 0-Cat 1			887
7531840	Tugboat	4	aux	Detroit	471	0	ULSD	80	Tier 0-Cat 1			887
8016366	Tugboat	1	main	CAT	D398	1980	ULSD	1,000	Tier 0-Cat 1			3,066
8016366	Tugboat	2	main	CAT	D398	1980	ULSD	1,000	Tier 0-Cat 1			3,066
8016366	Tugboat	3	aux	Northern Lights		2003	ULSD	83	Tier 1-Cat 1	Carl Moyer	2003	3,066
8034851	Assist Tug	1	main	CAT	3516B	1998	ULSD	2,400	Tier 0-Cat 1			2,500
8034851	Assist Tug	2	main	CAT	3516B	1998	ULSD	2,400	Tier 0-Cat 1			2,500
8034851	Assist Tug	3	aux	CAT	3304T	2003	ULSD	115	Tier 1-Cat 1	Carl Moyer	2003	2,880
8034851	Assist Tug	4	aux	CAT	3304T	2003	ULSD	115	Tier 1-Cat 1	Carl Moyer	2003	2,880
8300981	Assist Tug	1	main	EMD	12-645-E5	1982	ULSD	1,500	Tier 0-Cat 2			1,925
8300981	Assist Tug	2	main	EMD	12-645-E5	1982	ULSD	1,500	Tier 0-Cat 2			1,925
8300981	Assist Tug	3	aux	Isuzu		2003	ULSD	130	Tier 1-Cat 1	Carl Moyer	2003-Q1	3,207
8300981	Assist Tug	4	aux	Isuzu		2003	ULSD	130	Tier 1-Cat 1	Carl Moyer	2003-Q1	1,458



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
118-6583	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
232-306	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
248-896	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
252-749	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
261-615	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
265-630	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
295-397	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
561-951	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
582-022	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
584-366	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
596-713	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
598-813	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
602-150	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
633-570	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
647-528	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
675-426	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
693-271	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
697-944	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
7889HN	CrewBoat	1	main	GM	6V71	1970	ULSD	250	Tier 0-Cat 1			0
7889HN	CrewBoat	2	main	GM	6V71	1970	ULSD	250	Tier 0-Cat 1			0
901-456	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
929-532	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
947-935	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
958-223	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CCP	CrewBoat	1	main	Detroit Diesel	12V71	0	ULSD	480	Tier 0-Cat 1			300
CCP	CrewBoat	2	main	Detroit Diesel	12V71	0	ULSD	480	Tier 0-Cat 1			300
CCP	CrewBoat	3	aux	Kubota	15 kw	0	ULSD	20	Tier 0-Cat 1			300
CDG	CrewBoat	1	main	GM	871	0	ULSD	400	Tier 0-Cat 1			626
CDG	CrewBoat	2	main	GM	871	0	ULSD	400	Tier 0-Cat 1			626
CDG	CrewBoat	3	aux			0	ULSD	27	Tier 0-Cat 1			693
CF 1297 HU	WorkBoat	1	main			1985	ULSD	320	Tier 0-Cat 1			60
CF 1772 JS	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF 3910 KC	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF 3950 CM	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF 6034 SN	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF 9713 TK	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF0864HP	Commercial Fishing	1	main	CAT	3116TA	0	ULSD	325	Tier 0-Cat 1			1,500
CF0952HZ	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF2204ST	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600
CF2215ND	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
CF2776KR1	Tugboat	1	main	Cummins	QSM 11 (1	2004	ULSD	375	Tier 2-Cat 1	Carl Moyer	2004	100
CF2776KR1	Tugboat	2	main	Cummins	QSM 11 (1	2004	ULSD	375	Tier 2-Cat 1	Carl Moyer	2004	100
CF2776KR2	Commercial Fishing	1	main			0	ULSD	50	Tier 0-Cat 1			500
CF2880EV	Commercial Fishing	1	main	Volvo	KDP44EI	0	ULSD	260	Tier 0-Cat 1			200
CF2880EV	Commercial Fishing	2	main	Mecruisor	454	0	ULSD	300	Tier 0-Cat 1			580
CF4885TB	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF5268HP	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF-6999 KC	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CF8277SM	Excursion	1	main	Cummins	6CTA	2003	ULSD	350	Tier 1-Cat 1	Carl Moyer	2002	2,400
CF8277SM	Excursion	2	main	Cummins	6CTA	2003	ULSD	350	Tier 1-Cat 1	Carl Moyer	2002	2,400
CF8277SM	Excursion	3	aux	Daewoo		0	ULSD	40	Tier 0-Cat 1			2,400
CF8364HL	CrewBoat	1	main			2003	ULSD	290	Tier 1-Cat 1	Carl Moyer	2003	0
CF8364HL	CrewBoat	2	main			2003	ULSD	290	Tier 1-Cat 1	Carl Moyer	2003	0
CFCR	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CFCS	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CG053946	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CG055783	Tugboat	1	main			2003	ULSD	1,050	Tier 1-Cat 1	Port	2003	500
CG055783	Tugboat	2	main			2003	ULSD	1,050	Tier 1-Cat 1	Port	2003	500
CG625150	Ocean Tug	1	main	EMD	12-645-E2	1985	ULSD	800	Tier 0-Cat 2	Carl Moyer		350
CG625150	Ocean Tug	2	main	EMD	12-645-E2	1985	ULSD	800	Tier 0-Cat 2	Carl Moyer		350
CG625150	Ocean Tug	3	aux	GM	671	1985	ULSD	80	Tier 0-Cat 1	Carl Moyer		350
CG625150	Ocean Tug	4	aux	GM	671	1985	ULSD	80	Tier 0-Cat 1	Carl Moyer		350
CG732178	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
CG793769	Commercial Fishing	1	main			2002	ULSD	230	Tier 1-Cat 1	Carl Moyer	2002	1,600
CGB1	Government	1	main	CAT	3505	0	ULSD	500	Tier 0-Cat 1			300
CGB1	Government	2	main	CAT	3505	0	ULSD	500	Tier 0-Cat 1			300
CGB1	Government	3	aux	CAT	3406	0	ULSD	127	Tier 0-Cat 1			300
CGB1	Government	4	aux	CAT	3406	0	ULSD	127	Tier 0-Cat 1			300
CGB1	Government	5	aux	CAT	3406	0	ULSD	127	Tier 0-Cat 1			300
CGB2	Government	1	main	Cummins	903	0	ULSD	318	Tier 0-Cat 1			600
CGB3	Government	1	main	Cummins	903	0	ULSD	318	Tier 0-Cat 1			600
CGB4	Government	1	main	Cummins	903	0	ULSD	318	Tier 0-Cat 1			600
CGB5	Government	1	main	Mercury	Optimax	0	ULSD	150	Tier 0-Cat 1			500
CUL	CrewBoat	1	main			2003	ULSD	210	Tier 1-Cat 1	Carl Moyer	2003	300
CUL	CrewBoat	2	main			2003	ULSD	210	Tier 1-Cat 1	Carl Moyer	2003	300
D1020244	Ferry	1	main	MTU/DDC	12 V 4000	2004	ULSD	2,300	Tier 2-Cat 1	Carl Moyer	2003	1,200
D1020244	Ferry	2	main	MTU/DDC	12 V 4000	2004	ULSD	2,300	Tier 2-Cat 1	Carl Moyer	2003	1,200
D1020244	Ferry	3	aux	Northern Lights	M 964	2000	ULSD	44	Tier 1-Cat 1	Company expense	2003	750
D1020244	Ferry	4	aux	Northern Lights	M 964	2000	ULSD	44	Tier 1-Cat 1	Company expense	2003	750
D510938	Excursion	1	main	GM	671	0	ULSD	250	Tier 0-Cat 1			900



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
D515292	Excursion	1	main	Lugger	6108	2003	ULSD	300	Tier 1-Cat 1	Carl Moyer	2002-Q2	5,400
D515292	Excursion	2	main	Lugger	6108	2003	ULSD	300	Tier 1-Cat 1	Carl Moyer	2002-Q2	5,400
D515292	Excursion	3	aux	Isuzu	40kw	2003	ULSD	50	Tier 1-Cat 1	Carl Moyer	2002-Q2	5,400
D601313	Government	1	main	Cummins	4BT3.9M	2001	ULSD	150	Tier 1-Cat 1			50
D636860	CrewBoat	1	main			2003	ULSD	290	Tier 1-Cat 1	Carl Moyer	2003	800
D636860	CrewBoat	2	main			2003	ULSD	290	Tier 1-Cat 1	Carl Moyer	2003	800
D907138	Ferry	1	main	CAT	3512	2001	ULSD	1,800	Tier 1-Cat 1	Carl Moyer	2002	1,200
D907138	Ferry	2	main	CAT	3512	2001	ULSD	1,800	Tier 1-Cat 1	Carl Moyer	2001	1,200
D907138	Ferry	3	aux	Northern Lights	MP 65C-2	2003	ULSD	95	Tier 1-Cat 1	Carl Moyer	2003	750
D907138	Ferry	4	aux	Northern Lights	MP 65C-2	2003	ULSD	95	Tier 1-Cat 1	Carl Moyer	2003	750
D948896	Ferry	1	main	MTU	12V4000	2004	ULSD	2,300	Tier 2-Cat 1	Carl Moyer	2003-Q2	1,200
D948896	Ferry	2	main	MTU	12V4000	2004	ULSD	2,300	Tier 2-Cat 1	Carl Moyer	2003-Q2	1,200
D948896	Ferry	3	aux	Northern Lights	M 8 43 N	2003	ULSD	18	Tier 1-Cat 1	Company expense	2003	750
D948896	Ferry	4	aux	Northern Lights	M 8 43 N	2003	ULSD	18	Tier 1-Cat 1	Company expense	2003	750
D958881	Excursion	1	main			1990	ULSD	400	Tier 0-Cat 1			1,500
D958881	Excursion	2	main			1990	ULSD	400	Tier 0-Cat 1			1,500
D965020	Ferry	1	main	MTU	12V4000	2004	ULSD	2,000	Tier 2-Cat 1	Carl Moyer	2003-Q2	1,200
D965020	Ferry	2	main	MTU	12V4000	2004	ULSD	2,000	Tier 2-Cat 1	Carl Moyer	2003-Q2	1,200
D965020	Ferry	3	aux	Northern Lights	M843N	2003	ULSD	18	Tier 1-Cat 1	Company expense	2003	750
D965020	Ferry	4	aux	Northern Lights	M843N	2003	ULSD	18	Tier 1-Cat 1	Company expense	2003	750
ET	Excursion	1	main	Detroit	60 series	2003	ULSD	450	Tier 1-Cat 1		2003	4,260
ET	Excursion	2	main	Detroit	60 series	2003	ULSD	450	Tier 1-Cat 1		2003	4,260
ET	Excursion	3	aux	Isuzu		0	ULSD	40	Tier 0-Cat 1			4,260
FB1	Government	1	main			0	ULSD	450	Tier 0-Cat 1			440
FB1	Government	2	main	Cat	3126B	0	ULSD	450	Tier 0-Cat 1			440
FB1	Government	3	aux	Cat	3126B	0	ULSD	180	Tier 0-Cat 1			180
FB2	Government	1	main	Cummins	6BTA 5.9	2003	ULSD	1,800	Tier 1-Cat 1	Carl Moyer	2003	400
FB2	Government	2	main	Detroit	4000	2003	ULSD	1,550	Tier 1-Cat 1	Carl Moyer	2003	400
FB2	Government	3	aux	Detroit	4000	2003	ULSD	200	Tier 1-Cat 1	Carl Moyer	2003	50
FB2	Government	4	aux	John Deere		0	ULSD	200	Tier 0-Cat 1			50
FB3	Government	1	main	John Deere		0	ULSD	450	Tier 0-Cat 1			440
FB3	Government	2	main	Cat	3126B	0	ULSD	450	Tier 0-Cat 1			440
FB3	Government	3	aux	Cat	3126B	0	ULSD	180	Tier 0-Cat 1			180
FB4	Government	1	main	Cummins	6BTA 5.9	0	ULSD	750	Tier 0-Cat 1			240
FB4	Government	2	main	Cat	3412	0	ULSD	750	Tier 0-Cat 1			240
FB4	Government	3	aux	Cat	3412	0	ULSD	400	Tier 0-Cat 1			20
FB4	Government	4	aux	Cat	3406	0	ULSD	400	Tier 0-Cat 1			20
FB5	Government	1	main	Cat	3406	0	ULSD	450	Tier 0-Cat 1			440
FB5	Government	2	main	Cat	3126B	0	ULSD	450	Tier 0-Cat 1			440
FB5	Government	3	aux	Cat	3126B	0	ULSD	180	Tier 0-Cat 1			180



Vessel ID	Type	Eng ID User	Eng Type	Engine MFR	Engine Model	Eng Year	Fuel	HP	Tier and EPA Category	Repower Program	Repower Date	Eng Hours Annual
FVA	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
FVBBA	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
FVJR	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
FVTG	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
FVTH	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
FVUS	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
IB1	Government	1	main	Detroit	671	1995	ULSD	140	Tier 0-Cat 1			25
IB1	Government	2	main	Detroit	671	1995	ULSD	140	Tier 0-Cat 1			25
IB2	Government	1	main	Detroit	671	1994	ULSD	200	Tier 0-Cat 1			200
LA2895EF	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
MD4964AF	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
NJ9116WK	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
OH3387YP	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
OR 155A BV	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
OR191SY	Excursion	1	main			1986	ULSD	400	Tier 0-Cat 1			500
OR191SY	Excursion	2	aux			2002	ULSD	40	Tier 1-Cat 1	Carl Moyer	2002	500
PB1	Government	1	main	Cummins	6BT 5.9	1998	ULSD	300	Tier 0-Cat 1			500
PB2	Government	1	main	Cummins	6BT 5.9	2001	ULSD	300	Tier 1-Cat 1			500
PB3	Government	1	main	Cummins	6BT 5.9	1995	ULSD	300	Tier 0-Cat 1			500
RC38	Government	1	main	Cummins	4BT3.9	2002	ULSD	150	Tier 1-Cat 1			400
RC39	Government	1	main	Detroit	353	1991	ULSD	110	Tier 0-Cat 1			250
RC40	Government	1	main	Detroit	353	2002	ULSD	110	Tier 1-Cat 1			200
RC41	Government	1	main	Cummins	4BT3.9	2001	ULSD	150	Tier 1-Cat 1			350
SB2	Government	1	main	Volvo	AD410US	1995	ULSD	200	Tier 0-Cat 1			70
WAB7418	Excursion	1	main	Detroit	8V-71	0	ULSD	350	Tier 0-Cat 1			350
WAB7418	Excursion	2	main	Detroit	8V-71	0	ULSD	350	Tier 0-Cat 1			350
WAB7418	Excursion	3	aux	Northern Lights	844-L	0	ULSD	32	Tier 0-Cat 1			125
WAB7418	Excursion	4	aux	Northern Lights	844-L	0	ULSD	32	Tier 0-Cat 1			125
WAS9499	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600
WCZ3442	Ferry	1	main	MTU/DDC	16 V 4000	2003	ULSD	2,300	Tier 1-Cat 1	Carl Moyer	2003	1,200
WCZ3442	Ferry	2	main	MTU/DDC	16 V 4000	2003	ULSD	2,300	Tier 1-Cat 1	Carl Moyer	2003	1,200
WCZ3442	Ferry	3	aux	Northern Lights		2003	ULSD	44	Tier 1-Cat 1	Company expense	2003	750
WCZ3442	Ferry	4	aux	Northern Lights		2003	ULSD	44	Tier 1-Cat 1	Company expense	2003	750
WYP3286	Commercial Fishing	1	main			0	ULSD	230	Tier 0-Cat 1			1,600



Zero Hour Emission Factors

Engine Type	Engine				Zero Hour Emission Factor (g/kw-hr)							
	Year		Power (kW)		PM	NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
propulsion	0	1998	0	37	0.97	10.91	0.17	4.89	2.47	652	0.031	0.049
propulsion	1998	2000	0	37	0.97	10.91	0.17	4.89	2.41	652	0.031	0.048
propulsion	2000	2005	0	37	0.97	9.8	0.17	4.89	2.41	652	0.031	0.048
propulsion	2005	2009	0	37	0.4	7.13	0.17	5	2.41	652	0.031	0.048
propulsion	2009	2040	0	37	0.29	7.13	0.17	5	2.41	652	0.031	0.048
propulsion	0	1997	37	89	1.07	20.56	0.17	4.69	1.93	652	0.031	0.039
propulsion	1997	2000	37	89	0.88	13.85	0.17	3.42	1.33	652	0.031	0.027
propulsion	2000	2005	37	89	0.88	9.8	0.17	3.42	1.33	652	0.031	0.027
propulsion	2005	2009	37	89	0.4	7.13	0.17	5	1.33	652	0.031	0.027
propulsion	2009	2040	37	89	0.29	7.13	0.17	5	1.33	652	0.031	0.027
propulsion	0	1971	89	130	0.98	22.14	0.17	4.3	1.77	652	0.031	0.035
propulsion	1971	1979	89	130	0.84	20.56	0.17	4.3	1.47	652	0.031	0.029
propulsion	1979	1984	89	130	0.7	18.98	0.17	4.3	1.34	652	0.031	0.027
propulsion	1984	1987	89	130	0.7	17.4	0.17	4.21	1.26	652	0.031	0.025
propulsion	1987	1996	89	130	0.7	17.4	0.17	4.12	1.18	652	0.031	0.024
propulsion	1996	2000	89	130	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2004	89	130	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2004	2013	89	130	0.29	6.84	0.17	5	0.91	652	0.031	0.018
propulsion	2013	2040	89	130	0.12	5.09	0.17	5	0.91	652	0.031	0.018
propulsion	0	1971	130	186	0.98	22.14	0.17	4.3	1.77	652	0.031	0.035
propulsion	1971	1979	130	186	0.84	20.56	0.17	4.3	1.47	652	0.031	0.029
propulsion	1979	1984	130	186	0.7	18.98	0.17	4.3	1.34	652	0.031	0.027
propulsion	1984	1987	130	186	0.7	17.4	0.17	4.21	1.26	652	0.031	0.025
propulsion	1987	1995	130	186	0.7	17.4	0.17	4.12	1.18	652	0.031	0.024
propulsion	1995	2000	130	186	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2004	130	186	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2004	2014	130	186	0.2	6.84	0.17	5	0.91	652	0.031	0.018
propulsion	2014	2040	130	186	0.11	5.35	0.17	5	0.91	652	0.031	0.018
propulsion	0	1971	186	373	0.94	22.14	0.17	4.12	1.69	652	0.031	0.034
propulsion	1971	1979	186	373	0.8	20.56	0.17	4.12	1.41	652	0.031	0.028
propulsion	1979	1984	186	373	0.67	18.98	0.17	4.12	1.27	652	0.031	0.025
propulsion	1984	1987	186	373	0.67	17.4	0.17	4.12	1.21	652	0.031	0.024
propulsion	1987	1995	186	373	0.67	17.4	0.17	4.01	1.13	652	0.031	0.023
propulsion	1995	2000	186	373	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2004	186	373	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2004	2014	186	373	0.2	6.84	0.17	5	0.91	652	0.031	0.018
propulsion	2014	2040	186	373	0.11	5.35	0.17	5	0.91	652	0.031	0.018
propulsion	0	1971	373	559	0.94	22.14	0.17	4.12	1.69	652	0.031	0.034
propulsion	1971	1979	373	559	0.8	20.56	0.17	4.12	1.41	652	0.031	0.028
propulsion	1979	1984	373	559	0.67	18.98	0.17	4.12	1.27	652	0.031	0.025
propulsion	1984	1987	373	559	0.67	17.4	0.17	4.12	1.21	652	0.031	0.024
propulsion	1987	1995	373	559	0.67	17.4	0.17	4.01	1.13	652	0.031	0.023
propulsion	1995	2000	373	559	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2007	373	559	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2007	2013	373	559	0.2	6.84	0.17	5	0.91	652	0.031	0.018
propulsion	2013	2040	373	559	0.11	5.35	0.17	5	0.91	652	0.031	0.018

Engine Type	Engine				Zero Hour Emission Factor (g/kw-hr)							
	Year		Power (kW)		PM	NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
propulsion	0	1971	559	1,417	0.94	22.14	0.17	4.12	1.69	652	0.031	0.034
propulsion	1971	1979	559	1,417	0.8	20.56	0.17	4.12	1.41	652	0.031	0.028
propulsion	1979	1984	559	1,417	0.67	18.98	0.17	4.12	1.27	652	0.031	0.025
propulsion	1984	1987	559	1,417	0.67	17.4	0.17	4.12	1.21	652	0.031	0.024
propulsion	1987	1999	559	1,417	0.67	17.4	0.17	4.01	1.13	652	0.031	0.023
propulsion	1999	2000	559	1,417	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2007	559	1,417	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2007	2012	559	1,417	0.27	7.41	0.17	5	0.91	652	0.031	0.018
propulsion	2012	2017	559	1,417	0.11	5.48	0.17	5	0.91	652	0.031	0.018
propulsion	2017	2040	559	1,417	0.04	1.74	0.17	5	0.24	652	0.031	0.005
propulsion	0	1971	1,417	2,461	0.94	22.14	0.17	4.12	1.69	652	0.031	0.034
propulsion	1971	1979	1,417	2,461	0.8	20.56	0.17	4.12	1.41	652	0.031	0.028
propulsion	1979	1984	1,417	2,461	0.67	18.98	0.17	4.12	1.27	652	0.031	0.025
propulsion	1984	1987	1,417	2,461	0.67	17.4	0.17	4.12	1.21	652	0.031	0.024
propulsion	1987	1999	1,417	2,461	0.67	17.4	0.17	4.01	1.13	652	0.031	0.023
propulsion	1999	2000	1,417	2,461	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2007	1,417	2,461	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2007	2013	1,417	2,461	0.27	7.41	0.17	5	0.91	652	0.031	0.018
propulsion	2013	2016	1,417	2,461	0.13	5.86	0.17	5	0.91	652	0.031	0.018
propulsion	2016	2040	1,417	2,461	0.04	1.74	0.17	5	0.24	652	0.031	0.005
propulsion	0	1971	2,461	3,729	0.94	22.14	0.17	4.12	1.69	652	0.031	0.034
propulsion	1971	1979	2,461	3,729	0.8	20.56	0.17	4.12	1.41	652	0.031	0.028
propulsion	1979	1984	2,461	3,729	0.67	18.98	0.17	4.12	1.27	652	0.031	0.025
propulsion	1984	1987	2,461	3,729	0.67	17.4	0.17	4.12	1.21	652	0.031	0.024
propulsion	1987	1999	2,461	3,729	0.67	17.4	0.17	4.01	1.13	652	0.031	0.023
propulsion	1999	2000	2,461	3,729	0.48	12.92	0.17	2.64	0.91	652	0.031	0.018
propulsion	2000	2007	2,461	3,729	0.48	9.8	0.17	2.64	0.91	652	0.031	0.018
propulsion	2007	2014	2,461	3,729	0.27	7.41	0.17	5	0.91	652	0.031	0.018
propulsion	2014	2016	2,461	3,729	0.34	6.62	0.17	5	0.91	652	0.031	0.018
propulsion	2016	2040	2,461	3,729	0.04	1.74	0.17	5	0.24	652	0.031	0.005
auxiliary	0	1998	0	37	0.86	9.25	0.17	6.9	2.94	652	0.031	0.059
auxiliary	1998	2000	0	37	0.86	9.25	0.17	6.9	2.87	652	0.031	0.057
auxiliary	2000	2005	0	37	0.86	9.25	0.17	6.9	2.87	652	0.031	0.057
auxiliary	2005	2009	0	37	0.4	7.13	0.17	5	2.87	652	0.031	0.057
auxiliary	2009	2040	0	37	0.29	7.13	0.17	5	2.87	652	0.031	0.057
auxiliary	0	1997	37	89	0.95	17.43	0.17	6.62	2.29	652	0.031	0.046
auxiliary	1997	2000	37	89	0.78	11.73	0.17	4.81	1.58	652	0.031	0.032
auxiliary	2000	2005	37	89	0.78	9.8	0.17	4.81	1.58	652	0.031	0.032
auxiliary	2005	2009	37	89	0.4	7.13	0.17	5	1.58	652	0.031	0.032
auxiliary	2009	2040	37	89	0.29	7.13	0.17	5	1.58	652	0.031	0.032
auxiliary	0	1971	89	130	0.87	18.77	0.17	6.07	2.1	652	0.031	0.042
auxiliary	1971	1979	89	130	0.74	17.43	0.17	6.07	1.76	652	0.031	0.035
auxiliary	1979	1984	89	130	0.62	16.09	0.17	6.07	1.6	652	0.031	0.032
auxiliary	1984	1987	89	130	0.62	14.75	0.17	5.94	1.5	652	0.031	0.030
auxiliary	1987	1996	89	130	0.62	14.75	0.17	5.8	1.41	652	0.031	0.028
auxiliary	1996	2000	89	130	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022

Engine Type	Engine				Zero Hour Emission Factor (g/kw-hr)							
	Year		Power (kW)		PM	NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
auxiliary	2000	2004	89	130	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2004	2013	89	130	0.29	6.84	0.17	5	1.09	652	0.031	0.022
auxiliary	2013	2040	89	130	0.12	5.09	0.17	5	1.09	652	0.031	0.022
auxiliary	0	1971	130	186	0.87	18.77	0.17	6.07	2.1	652	0.031	0.042
auxiliary	1971	1979	130	186	0.74	17.43	0.17	6.07	1.76	652	0.031	0.035
auxiliary	1979	1984	130	186	0.62	16.09	0.17	6.07	1.6	652	0.031	0.032
auxiliary	1984	1987	130	186	0.62	14.75	0.17	5.94	1.5	652	0.031	0.030
auxiliary	1987	1995	130	186	0.62	14.75	0.17	5.8	1.41	652	0.031	0.028
auxiliary	1995	2000	130	186	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2000	2004	130	186	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2004	2014	130	186	0.2	6.84	0.17	5	1.09	652	0.031	0.022
auxiliary	2014	2040	130	186	0.11	5.35	0.17	5	1.09	652	0.031	0.022
auxiliary	0	1971	186	373	0.83	18.77	0.17	5.8	2.01	652	0.031	0.040
auxiliary	1971	1979	186	373	0.71	17.43	0.17	5.8	1.68	652	0.031	0.034
auxiliary	1979	1984	186	373	0.6	16.09	0.17	5.8	1.51	652	0.031	0.030
auxiliary	1984	1987	186	373	0.6	14.75	0.17	5.8	1.43	652	0.031	0.029
auxiliary	1987	1995	186	373	0.6	14.75	0.17	5.66	1.34	652	0.031	0.027
auxiliary	1995	2000	186	373	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2000	2004	186	373	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2004	2014	186	373	0.2	6.84	0.17	5	1.09	652	0.031	0.022
auxiliary	2014	2040	186	373	0.11	5.35	0.17	5	1.09	652	0.031	0.022
auxiliary	0	1971	373	559	0.83	18.77	0.17	5.8	2.01	652	0.031	0.040
auxiliary	1971	1979	373	559	0.71	17.43	0.17	5.8	1.68	652	0.031	0.034
auxiliary	1979	1984	373	559	0.6	16.09	0.17	5.8	1.51	652	0.031	0.030
auxiliary	1984	1987	373	559	0.6	14.75	0.17	5.8	1.43	652	0.031	0.029
auxiliary	1987	1995	373	559	0.6	14.75	0.17	5.66	1.34	652	0.031	0.027
auxiliary	1995	2000	373	559	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2000	2007	373	559	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2007	2013	373	559	0.2	6.84	0.17	5	1.09	652	0.031	0.022
auxiliary	2013	2040	373	559	0.11	5.35	0.17	5	1.09	652	0.031	0.022
auxiliary	0	1971	559	1,417	0.83	18.77	0.17	5.8	2.01	652	0.031	0.040
auxiliary	1971	1979	559	1,417	0.71	17.43	0.17	5.8	1.68	652	0.031	0.034
auxiliary	1979	1984	559	1,417	0.6	16.09	0.17	5.8	1.51	652	0.031	0.030
auxiliary	1984	1987	559	1,417	0.6	14.75	0.17	5.8	1.43	652	0.031	0.029
auxiliary	1987	1999	559	1,417	0.6	14.75	0.17	5.66	1.34	652	0.031	0.027
auxiliary	1999	2000	559	1,417	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2000	2007	559	1,417	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2007	2012	559	1,417	0.27	7.41	0.17	5	1.09	652	0.031	0.022
auxiliary	2012	2017	559	1,417	0.11	5.48	0.17	5	1.09	652	0.031	0.022
auxiliary	2017	2040	559	1,417	0.04	1.74	0.17	5	0.24	652	0.031	0.005
auxiliary	0	1971	1,417	2,461	0.83	18.77	0.17	5.8	2.01	652	0.031	0.040
auxiliary	1971	1979	1,417	2,461	0.71	17.43	0.17	5.8	1.68	652	0.031	0.034
auxiliary	1979	1984	1,417	2,461	0.6	16.09	0.17	5.8	1.51	652	0.031	0.030
auxiliary	1984	1987	1,417	2,461	0.6	14.75	0.17	5.8	1.43	652	0.031	0.029
auxiliary	1987	1999	1,417	2,461	0.6	14.75	0.17	5.66	1.34	652	0.031	0.027
auxiliary	1999	2000	1,417	2,461	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022

Engine Type	Engine				Zero Hour Emission Factor (g/kw-hr)							
	Year		Power (kW)		PM	NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
auxiliary	2000	2007	1,417	2,461	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2007	2013	1,417	2,461	0.27	7.41	0.17	5	1.09	652	0.031	0.022
auxiliary	2013	2016	1,417	2,461	0.13	5.86	0.17	5	1.09	652	0.031	0.022
auxiliary	2016	2040	1,417	2,461	0.04	1.74	0.17	5	0.24	652	0.031	0.005
auxiliary	0	1971	2,461	3,729	0.83	18.77	0.17	5.8	2.01	652	0.031	0.040
auxiliary	1971	1979	2,461	3,729	0.71	17.43	0.17	5.8	1.68	652	0.031	0.034
auxiliary	1979	1984	2,461	3,729	0.6	16.09	0.17	5.8	1.51	652	0.031	0.030
auxiliary	1984	1987	2,461	3,729	0.6	14.75	0.17	5.8	1.43	652	0.031	0.029
auxiliary	1987	1999	2,461	3,729	0.6	14.75	0.17	5.66	1.34	652	0.031	0.027
auxiliary	1999	2000	2,461	3,729	0.43	10.95	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2000	2007	2,461	3,729	0.43	9.8	0.17	3.73	1.09	652	0.031	0.022
auxiliary	2007	2014	2,461	3,729	0.27	7.41	0.17	5	1.09	652	0.031	0.022
auxiliary	2014	2016	2,461	3,729	0.34	6.62	0.17	5.03	1.09	652	0.031	0.022
auxiliary	2016	2040	2,461	3,729	0.04	1.74	0.17	5.03	0.24	652	0.031	0.005

APPENDIX C – Cargo Handling Equipment



Cargo Handling Equipment Data



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emuslified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC010	Container	Forklift	Clark	CMP-45D	1	Perkins		2000	45	500	ULSD				
LAC010	Container	Forklift	Clark	CDP-164	1	Cummins		2000	45	500	ULSD				
LAC010	Container	Forklift	Omega	CDP-164	1	Cummins		2001	45	500	ULSD				
LAC010	Container	Forklift	Hyster	H3200F	1	Cummins		1996	100	500	ULSD				
LAC010	Container	Forklift	Caterpillar	DP-40	1	Mitsubishi		1999	50	500	ULSD				
LAC010	Container	Forklift	Caterpillar	DP-40	1	Mitsubishi		1999	50	500	ULSD				
LAC010	Container	Forklift	Hoist	P360	1	Cummins		2003	50	500	ULSD				
LAC010	Container	Forklift	Hoist	P360	1	Cummins		2003	50	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Hyster	H80XM	1	Perkins		2003	100	500	ULSD				
LAC010	Container	Forklift	Taylor	TE800L	1	Cummins		2006	100	500	ULSD				
LAC010	Container	RMG cranes	Noel		1			2001	0	0	Electric				
LAC010	Container	RMG cranes	Noel		1			2001	0	0	Electric				
LAC010	Container	RMG cranes	Noel		1			2001	0	0	Electric				
LAC010	Container	RMG cranes	Noel		1			2001	0	0	Electric				
LAC010	Container	RMG cranes	Paceco		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	Paceco		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	Paceco		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	Paceco		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	MGM		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	MGM		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	MGM		1			1984	0	0	Electric				
LAC010	Container	RMG cranes	MGM		1			1984	0	0	Electric				
LAC010	Container	Side pick	FMC	MJ18H	1	Perkins		1998	170	491	ULSD				
LAC010	Container	Side pick	FMC	MJ18H	1	Perkins		1998	170	948	ULSD				
LAC010	Container	Top handler	FMC	MJ500	1	Cummins		1993	300	1,710	ULSD				
LAC010	Container	Top handler	Taylor	TEC155H	1	Cummins		1994	300	2,435	ULSD				
LAC010	Container	Top handler	Taylor	TEC950L	1	Cummins		1995	300	1,127	ULSD				
LAC010	Container	Top handler	MJS	MJ450H4	1	Cummins		1997	300	2,829	ULSD				
LAC010	Container	Top handler	Taylor	TEC950L	1	Cummins		1997	300	505	ULSD				
LAC010	Container	Top handler			1	Cummins		1997	300	113	ULSD				
LAC010	Container	Top handler			1	Cummins		1997	300	1,940	ULSD				
LAC010	Container	Top handler	OME	54DDCH	1	Cummins	C-1	2000	300	1,615	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC010	Container	Top handler	FMC	CS45KL	1	Cummins		2000	300	2,044	ULSD				
LAC010	Container	Top handler	FMC	CS45KL	1	Cummins		2000	300	2,979	ULSD				
LAC010	Container	Top handler	FMC	CS45KL	1	Cummins		2000	300	1,199	ULSD				
LAC010	Container	Top handler	Kalmar	DCD42012	1	Cummins		2000	300	413	ULSD				
LAC010	Container	Top handler	Kalmar	DCD42012	1	Cummins		2000	300	1,312	ULSD				
LAC010	Container	Top handler	Kalmar	DCD42012	1	Cummins		2000	300	2,275	ULSD				
LAC010	Container	Top handler	Kalmar	DCE70454	1	Cummins		2000	300	2,183	ULSD				
LAC010	Container	Top handler	Kalmar	DRS4531	1	Cummins		2000	300	124	ULSD				
LAC010	Container	Top handler	Hyster	H1050E	1	Cummins		2000	300	866	ULSD				
LAC010	Container	Yard tractor	FMC	MJ500	1	Cummins		2000	240	2,589	ULSD			9/1/2005	
LAC010	Container	Yard tractor	FMC	MJ500	1	Cummins		2000	240	3,034	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	1,425	ULSD			7/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	2,013	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	2,402	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	1,754	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	2,305	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	2,687	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	2,772	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins		2000	240	2,765	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1996	230	2,238	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1996	230	1,746	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1996	230	1,863	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1996	230	1,536	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1996	230	2,644	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,809	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,952	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,747	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,335	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,618	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,464	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,869	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,631	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,340	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,863	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,024	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,740	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,983	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	975	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,308	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,397	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins	C-2	1997	230	2,306	ULSD			9/1/2005	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,265	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,725	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,903	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,875	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,296	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,034	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	327	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,040	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,984	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,613	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,799	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,554	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,382	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,173	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,109	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,802	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,227	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,620	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,009	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,173	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,125	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,398	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,108	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,110	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,581	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,014	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,942	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,015	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,367	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,090	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,836	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,802	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,020	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,574	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,059	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,749	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,850	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,919	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,555	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,950	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins	C-3	1997	230	2,183	ULSD			9/1/2005	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,768	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,738	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,386	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,110	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,871	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,984	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,963	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	2,383	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,927	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	1,393	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1997	230	188	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,662	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,546	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	3,080	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,746	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,526	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,442	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,761	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	3,747	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,588	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,830	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	3,224	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,288	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,000	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,434	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,752	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,204	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,999	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	3,324	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,217	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,516	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,976	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,206	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,897	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,984	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,154	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,629	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,668	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,586	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,537	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins	C-4	1999	240	2,068	ULSD			9/1/2005	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,196	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,526	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,915	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,736	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	3,558	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,774	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,335	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	1,765	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	4,108	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity	TJ5000	1	Cummins		1999	240	2,098	ULSD			9/1/2005	
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	1,533	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,082	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,196	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,891	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,318	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,329	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,526	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,463	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,385	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,572	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,089	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,398	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,656	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,519	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,829	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,472	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,055	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,904	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,636	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,988	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,995	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,508	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	3,146	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar		2004	240	2,001	ULSD			1/1/2004	1/1/2004
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,526	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,724	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,656	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,432	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	1,153	ULSD			1/1/2006	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,678	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7C-5	2005	240	2,850	ULSD			7/1/2005	7/1/2005



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,926	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,938	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,140	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,077	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,507	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,902	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,689	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	3,263	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	1,831	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,674	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,844	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,457	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2005	240	2,863	ULSD			7/1/2005	7/1/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	1,337	ULSD			12/5/2005	12/5/2005
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,503	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	3,325	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,610	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,905	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	3,021	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,950	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,390	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,162	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,999	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	3,041	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	3,204	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,742	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,193	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,766	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	2,563	ULSD			2/1/2006	2/1/2006
LAC010	Container	Yard tractor	Capacity		1	Caterpillar	C7	2006	210	3,454	ULSD			2/1/2006	2/1/2006
LAC020	Container	Forklift	TCM	7.5T	1	Cummins	6B	1995	140	285	ULSD				
LAC020	Container	Forklift	Taylor	15T	1	Cummins	6B	1997	160	1,109	ULSD				
LAC020	Container	Forklift	Taylor	15T	1	Cummins	6B	1997	160	864	ULSD				
LAC020	Container	Forklift	Mitsubishi	FD45K	1	Mitsubishi	S6S	2005	120	150	ULSD				
LAC020	Container	Forklift	Mitsubishi	FD45K	1	Mitsubishi	S6S	2005	120	150	ULSD				
LAC020	Container	Forklift	Mitsubishi	FD45K	1	Mitsubishi	S6S	2005	120	150	ULSD				
LAC020	Container	Forklift	Kalmar	15T	1	Cummins	Q5B6.7	2006	220	150	ULSD				1/1/2007
LAC020	Container	Forklift	Kalmar	15T	1	Cummins	Q5B6.7	2006	220	150	ULSD				1/1/2007
LAC020	Container	Forklift	Kalmar	15T	1	Cummins	Q5B6.7	2006	220	150	ULSD				1/1/2007
LAC020	Container	Forklift	Kalmar	15T	1	Cummins	Q5B6.7	2006	220	150	ULSD				1/1/2007
LAC020	Container	Forklift	Taylor	15T	1	Cummins	C-6	1991	160	459	ULSD				



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										Hours of Operation	Fuel Type				
LAC020	Container	Forklift	Taylor	15T	1	Cummins		1991	160	1,285	ULSD				
LAC020	Container	Forklift	TCM	4.5T	1	Nissan	4A	1991	90	285	ULSD				
LAC020	Container	Forklift	Taylor	20T	1	Cummins		1972	170	1,380	ULSD				
LAC020	Container	Forklift	TCM	7.5T	1	Cummins		1994	150	1,408	ULSD				
LAC020	Container	Forklift	TCM	7.5T	1	Cummins		1994	150	1,747	ULSD				
LAC020	Container	Fuel Truck	Peterbuilt		1	Cummins	ISC	2006	240	700	ULSD				1/1/2006
LAC020	Container	Fuel Truck	Chevrolet		1	GM	8.2	1998	180	700	ULSD				1/1/1998
LAC020	Container	Fuel Truck	Peterbuilt		1	Cummins	ISC	2006	240	700	ULSD				1/1/2006
LAC020	Container	Man Lift	JLG		1	Deutz	BF4M2011	2004	87	100	ULSD				
LAC020	Container	Man Lift	JLG		1	Deutz	BF4M2011	2006	87	100	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2000	465	865	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2000	465	962	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2000	465	1,396	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2001	465	611	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2001	465	1,447	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2001	465	1,333	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2001	465	1,239	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2001	465	686	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2002	465	1,981	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2002	465	1,976	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2002	465	1,610	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2002	465	1,750	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2002	465	1,882	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2004	465	1,973	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2004	465	2,519	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2004	465	3,096	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2004	465	3,411	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2004	465	3,509	ULSD				
LAC020	Container	Rub-trd Gantry	Mitsui/Pac	RT-4020-8-I	1	Cummins	NTA855	2004	465	3,144	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	2002	200	2,400	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	2002	200	2,400	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	2002	200	2,400	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	2002	200	2,400	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	1997	152	2,400	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	1997	152	2,400	ULSD				
LAC020	Container	Side pick	Taylor		1	Cummins	6B	1997	152	2,400	ULSD				
LAC020	Container	Sweeper	Freightliner		1	Caterpillar	3126	2001	185	800	ULSD				1/1/2001
LAC020	Container	Top handler	Taylor	955	1	Cummins	QSM-335	2001	330	3,000	ULSD				
LAC020	Container	Top handler	Taylor	955	1	Cummins	QSM-335	2001	330	3,000	ULSD				
LAC020	Container	Top handler	Taylor	955	1	Cummins	QSM-335	2001	330	3,000	ULSD				
LAC020	Container	Top handler	Taylor	955	1	Cummins	QSM-335	2001	330	3,000	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC020	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BT	1999	170	2,735	ULSD			1/1/2004	
LAC030	Container	Forklift	Kalmar		1	Volvo		1987	200	324	ULSD				
LAC030	Container	Forklift	Kalmar		1	Volvo		1987	200	696	ULSD				
LAC030	Container	Forklift	Kalmar		1	Volvo		1987	200	440	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	689	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,136	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,221	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	2,177	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,315	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,989	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,180	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,700	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	87	ULSD				
LAC030	Container	Rub-trd Gantry	Paceco	Transtainer	1	Cummins	NTA855	2000	350	1,269	ULSD				
LAC030	Container	Side pick	Kalmar		1	Volvo	TD71	1987	201	17	ULSD				
LAC030	Container	Side pick	Kalmar		1	Volvo	TD71	1995	201	208	ULSD				
LAC030	Container	Side pick	Kalmar		1	Volvo	TWD731ME	2001	215	743	ULSD				
LAC030	Container	Side pick	Kalmar		1	Volvo	TWD731ME	2001	215	937	ULSD				
LAC030	Container	Side pick	Taylor		1	Cummins	6BT	2002	174	1,154	ULSD				
LAC030	Container	Side pick	Taylor		1	Cummins	6BT	2002	174	237	ULSD				
LAC030	Container	Side pick	Taylor		1	Cummins	6BT	2002	174	1,714	ULSD				
LAC030	Container	Side pick	Taylor		1	Cummins	6BT	2002	174	1,509	ULSD				
LAC030	Container	Side pick	Taylor		1	Cummins	6BT _{E-11}	2002	174	1,384	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC030	Container	Side pick			1	Volvo	TAD720VE	2003	233	1,473	ULSD			1/1/2003	
LAC030	Container	Side pick			1	Volvo	TAD720VE	2003	233	1,368	ULSD			1/1/2003	
LAC030	Container	Side pick			1	Volvo	TAD720VE	2005	233	2,054	ULSD			1/1/2005	
LAC030	Container	Side pick			1	Volvo	TAD720VE	2005	233	2,938	ULSD				
LAC030	Container	Top handler	Kalmar		1	Volvo	TWD1031E	1998	320	1,864	ULSD				
LAC030	Container	Top handler	Kalmar		1	Volvo	TD100	1987	276	129	ULSD				
LAC030	Container	Top handler	Taylor		1	Cummins	M11	1999	250	822	ULSD				
LAC030	Container	Top handler	Kalmar		1	Volvo	TWD1031E	1999	320	32	ULSD				
LAC030	Container	Top handler	Taylor		1	Cummins	QSM11	2002	300	1,287	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	489	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	647	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	480	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	643	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	718	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	613	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	726	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	397	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	1,000	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	739	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	582	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	413	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	801	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	709	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	673	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	705	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1987	175	705	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Detroit	8.2L	1989	175	524	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1995	174	1,187	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1995	174	1,793	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1995	174	1,181	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1995	174	1,474	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1997	174	1,834	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1997	174	2,356	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1997	174	1,828	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1998	174	1,873	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1998	174	1,855	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1998	174	2,356	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1998	174	1,982	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1999	174	1,808	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1999	174	2,023	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT _{E-12}	1999	174	2,397	ULSD			1/1/2004	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	1999	174	2,093	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,182	ULSD			1/1/2004	
LAC030	Container	Yard tractor			1	Cummins	6BT	2000	174	2,063	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,086	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,109	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	1,954	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	1,977	ULSD			1/1/2004	
LAC030	Container	Yard tractor			1	Cummins	6BT	2000	174	2,254	ULSD			1/1/2004	
LAC030	Container	Yard tractor			1	Cummins	6BT	2000	174	2,183	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,086	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,019	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,111	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	1,993	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,000	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,273	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,347	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	6BT	2000	174	2,228	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,498	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,203	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,541	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,633	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,366	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,564	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,647	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,513	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	1,886	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	635	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,569	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,431	ULSD			1/1/2004	
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,146	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,165	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,474	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,896	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	670	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,753	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,900	ULSD				
LAC030	Container	Yard tractor	Capacity	Trailer Joc	1	Cummins	ISB	2002	210	2,706	ULSD				
LAC030	Container	Yard tractor			1	Cummins	QSB5.9	2004	210	1,318	ULSD				
LAC030	Container	Yard tractor			1	Cummins	QSB5.9	2004	210	1,322	ULSD				
LAC030	Container	Yard tractor			1	Cummins	QSB5.9	2004	210	2,756	ULSD				
LAC030	Container	Yard tractor			1	Cummins	QSB5.9	2004	210	2,130	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emuslified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC030	Container	Yard tractor			1	Cummins	QSB5.9	2004	210	2,660	ULSD				
LAC030	Container	Yard tractor			1	Cummins	QSB5.9	2004	210	2,750	ULSD				
LAC030	Container	Yard tractor	Capacity	TJ5000	1	Cummins	QSB5.9	2003	210	1,862	ULSD				
LAC030	Container	Yard tractor	Capacity	TJ5000	1	Cummins	QSB5.9	2003	210	2,097	ULSD				
LAC030	Container	Yard tractor	Capacity	TJ5000	1	Cummins	QSB5.9	2003	210	2,341	ULSD				
LAC030	Container	Yard tractor	Capacity	TJ5000	1	Cummins	QSB5.9	2003	210	1,841	ULSD				
LAC030	Container	Yard tractor	Capacity	TJ5000	1	Cummins	QSB5.9	2003	210	3,121	ULSD				
LAC030	Container	Yard tractor	Capacity	TJ5000	1	Cummins	QSB5.9	2003	210	1,647	ULSD				
				MHDSCH-											
LAC040	Break Bulk Crane		Mack	600	1	Deutz	914	2004	103	120	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	725	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	433	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	914	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	265	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	875	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	1,068	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	1,247	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1985	152	1,160	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1986	152	783	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1986	152	399	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1986	152	572	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1986	152	660	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1986	152	1,324	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1987	152	1,408	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1987	152	703	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-300-5	1	Cummins	5.9L B series	1987	152	457	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE-140-6	1	Cummins	5.9L B series	2005	188	450	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE-140-6	1	Cummins	5.9L B series	2005	188	785	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE-140-6	1	Cummins	5.9L B series	2005	188	400	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	P5000-D	1	Mitsubishi	S4S	2005	56	95	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	P5000-D	1	Mitsubishi	S4S	2005	56	95	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	1,089	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	922	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	808	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	1,116	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	955	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	1,500	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	1,414	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	979	ULSD				
LAC040	Break Bulk Forklift		Wiggins	420YXL-36	1	Cummins	5.9L B series	2000	174	1,189	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE160-12	1	Cummins	5.9L B series	2005	185	1,284	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE160-12	1	Cummins	5.9L B series	2005	185	658	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE160-12	1	Cummins	5.9L B series	2005	185	781	ULSD				
LAC040	Break Bulk Forklift		Wiggins	520YXL-36	1	Cummins	5.9L B series	2000	200	879	ULSD				
LAC040	Break Bulk Forklift		Wiggins	520YXL-36	1	Cummins	5.9L B series	2000	200	150	ULSD				
LAC040	Break Bulk Forklift		Wiggins	520YXL-36	1	Cummins	5.9L B series	2000	200	450	ULSD				
LAC040	Break Bulk Forklift		Wiggins	520YXL-36	1	Cummins	5.9L B series	2000	200	180	ULSD				
LAC040	Break Bulk Forklift		Wiggins	520YXL-36	1	Cummins	5.9L B series	2000	200	1,006	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-520M	1	Cummins	8.3L C series	1993	215	47	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-520M	1	Cummins	8.3L C series	1993	215	203	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-520M	1	Cummins	8.3L C series	1992	215	300	ULSD				
LAC040	Break Bulk Forklift		Taylor	TE-520M	1	Cummins	8.3L C series	1996	215	170	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD320-9L	1	Cummins	8.3L C series	2004	330	737	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD320-9L	1	Cummins	8.3L C series	2004	330	675	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD320-9L	1	Cummins	8.3L C series	2004	330	826	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD320-9L	1	Cummins	8.3L C series	2004	330	628	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP40L-D	1	Caterpillar	S6S	1998	84	46	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP40L-D	1	Caterpillar	S6S	1998	84	762	ULSD				
LAC040	Break Bulk Forklift		Wiggins	W880Y	1	Cummins	8.3L C series	2001	240	595	ULSD				
LAC040	Break Bulk Forklift		Wiggins	W880Y	1	Cummins	8.3L C series	2001	240	536	ULSD				
LAC040	Break Bulk Forklift		Wiggins	W880Y	1	Cummins	8.3L C series	2001	240	604	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD370-12	1	Cummins	QSM11-C	2004	330	850	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD370-12	1	Cummins	QSM11-C	2004	330	327	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD370-12	1	Cummins	QSM11-C	2004	330	864	ULSD				
LAC040	Break Bulk Forklift		Taylor	TY-900L	1	Cummins	855	1992	280	404	ULSD				
LAC040	Break Bulk Forklift		Taylor	TY-900L	1	Cummins	855	1992	280	169	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Mitsubishi	S6S	2005	84	111	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Mitsubishi	S6S	2005	84	111	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Mitsubishi	S6S	2005	84	111	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Mitsubishi	S6S	2005	84	111	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Mitsubishi	S6S	2005	84	111	ULSD				
LAC040	Break Bulk Forklift		Toyota	5FDU45	1	Toyota	6 cyl. 11z	1997	85	1,155	ULSD				
LAC040	Break Bulk Forklift		Toyota	5FDU45	1	Toyota	6 cyl. 11z	1997	85	266	ULSD				
LAC040	Break Bulk Forklift		Toyota	5FDU45	1	Toyota	6 cyl. 11z	1997	85	398	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	845	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	915	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	996	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	695	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S-15	2002	84	1,091	ULSD				



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										Hours of Operation	Fuel Type				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	887	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	639	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	831	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K	1	Caterpillar	S6S	2002	84	721	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2003	84	891	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2003	84	887	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2003	84	1,088	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2003	84	983	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2004	84	1,081	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2004	84	1,012	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP50K-D	1	Caterpillar	S6S	2004	84	1,133	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP70-D	1	Caterpillar	S6S	2004	94	898	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP70-D	1	Caterpillar	S6S	2004	94	641	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP70K-D	1	Caterpillar	S6S	2006	94	701	ULSD				
LAC040	Break Bulk Forklift		Caterpillar	DP70K-D	1	Caterpillar	S6S	2006	94	618	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD90-6L	1	Perkins	1106C-E60TA	2004	114	284	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD90-6L	1	Perkins	1106C-E60TA	2004	114	242	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCD90-6L	1	Perkins	1106C-E60TA	2005	114	213	ULSD				
LAC040	Break Bulk Forklift		Kalmar	DCE90-6L	1	Perkins	S6S	2004	114	288	ULSD				
LAC040	Break Bulk Loader		Shuttlelift	ISL80	1	John Deere	1L 6081 Series	2001	275	69	ULSD				
LAC040	Break Bulk Loader		Mijack	Mijack	1	Detroit	60 series	2000	425	1,333	ULSD				
LAC040	Break Bulk Man Lift		Terex	TB60	1	Cummins	4 cyl.	2002	73	67	ULSD				
LAC040	Break Bulk Side pick		Taylor	TEC 155H	1	Cummins	5.9L B series	2000	152	144	ULSD				
LAC040	Break Bulk Side pick		Taylor	TEC 155H	1	Cummins	5.9L B series	2000	152	89	ULSD				
LAC040	Break Bulk Sweeper		Caterpillar	IT14G	1	Caterpillar	3054 DIT	2000	96	2,002	ULSD				
LAC040	Break Bulk Sweeper		Caterpillar	IT14G	1	Caterpillar	3054 DIT	2000	96	281	ULSD				
LAC040	Break Bulk Top handler		Taylor	TEC 950L	1	Cummins	LT-10	1990	250	663	ULSD				
LAC040	Break Bulk Top handler		Taylor	TEC 950L	1	Cummins	LT-10	1990	250	207	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	QSB5.9C205	2005	215	350	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	QSB5.9C205	2005	215	350	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	QSB5.9C205	2005	215	350	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	668	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	692	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	809	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	918	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	1,066	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	619	ULSD				
LAC040	Break Bulk Yard tractor		Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	632	ULSD				



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										Hours of Operation	Fuel Type				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	998	ULSD				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	697	ULSD				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	582	ULSD				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	350	ULSD				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	760	ULSD				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	89	ULSD				
LAC040	Break Bulk Yard	tractor	Capacity	TJ7000	1	Cummins	5.9L B series	2000	177	764	ULSD				
LAC060	Container	Forklift	Hyster	H100XM	1	GMC	3.6	2002	165	598	Propane				
LAC060	Container	Forklift	Hyster	H100XM	1	GMC	3.6	2002	165	650	Propane				
LAC060	Container	Forklift	Hyster	H80XL	1	GMC	3.6	1995	165	65	Propane				
LAC060	Container	Forklift	Hyster	H80XL	1	GMC	3.6	1995	165	25	Propane				
LAC060	Container	Forklift	Hyster	5T	1	Perkins		1988	152	64	ULSD	1/1/2005			
LAC060	Container	Forklift	Hyster	5T	1	Perkins		1988	152	45	ULSD	1/1/2005			
LAC060	Container	Forklift	Hyster	5T	1	Perkins		1988	152	33	ULSD	1/1/2005			
LAC060	Container	Forklift	Toyota	5T	1	Perkins		1994	152	162	ULSD	1/1/2005			
LAC060	Container	Forklift	Clark	5T	1	Perkins		1981	135	123	ULSD	1/1/2005			
LAC060	Container	Forklift	Clark	5T	1	Perkins		1981	135	125	ULSD	1/1/2005			
LAC060	Container	Forklift	Yale	GLP100MJN	1	GMC	3.6	2005	160	531	Propane				
LAC060	Container	Forklift	Yale	GLP100MJN	1	GMC	3.6	2005	160	546	Propane				
LAC060	Container	Forklift	Yale	GLP100MJN	1	GMC	3.6	2005	160	169	Propane				
LAC060	Container	Forklift	Taylor	TE260	1	Cummins	5.9	1993	215	172	ULSD	1/1/2005			
LAC060	Container	Forklift	Taylor	THD300S	1	Cummins	5.9	1999	190	267	ULSD	1/1/2005			
LAC060	Container	Forklift	Taylor	THD300S	1	Cummins	5.9	1975	190	3	ULSD	1/1/2005			
LAC060	Container	Forklift	Taylor	TE300S	1	Cummins	5.9	1997	190	119	ULSD	1/1/2005			
LAC060	Container	Forklift	Taylor	TH350L	1	Cummins	5.9	2004	190	1,099	ULSD				
LAC060	Container	Forklift	Taylor	TH350L	1	Cummins	5.9	2004	152	1,076	ULSD				
LAC060	Container	Forklift	Taylor	TH350L	1	Cummins	5.9	2005	152	2,120	ULSD				
LAC060	Container	Forklift	Taylor	TH350L	1	Cummins	5.9	2005	152	2,970	ULSD				
LAC060	Container	Forklift	Taylor	Y52WM	1	Detroit	471-1	1978	152	20	ULSD	1/1/2005			
LAC060	Container	Forklift	Hyster	H520B	1	Detroit	471-1	1979	152	900	ULSD	1/1/2005			
LAC060	Container	Fuel Truck	Sterling		1	Caterpillar	C7	2005	250	509	ULSD				
LAC060	Container	Fuel Truck	Sterling		1	Caterpillar	C7	2005	250	587	ULSD				
LAC060	Container	Fuel Truck	Ford	L8000	1	Ford		1993	210	1,598	ULSD				
LAC060	Container	Man Lift	Genie	S85	1	Perkins		1995	80	181	ULSD				
LAC060	Container	Man Lift	Genie	S60	1	Perkins		1995	80	227	ULSD				
LAC060	Container	Rub-trd Gantry	Paceco	Transtainer	1	Detroit	1063-6-71	1984	180	76	ULSD	1/1/2005			
LAC060	Container	Rub-trd Gantry	Paceco	Transtainer	1	Detroit	1063-6-71	1983	180	126	ULSD	1/1/2005			
LAC060	Container	Rub-trd Gantry	Paceco	Transtainer	1	Detroit	1063-6-71	1983	180	295	ULSD	1/1/2005			
LAC060	Container	Rub-trd Gantry	ZPMC	RTG	1	Cummins	KTA-19-63	1999	685	1,559	ULSD	1/1/2005			
LAC060	Container	Rub-trd Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	3,279	ULSD	1/1/2005			
LAC060	Container	Rub-trd Gantry	ZPMC	RTG	1	Caterpillar	3456-17	2003	612	2,341	ULSD	1/1/2005			



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										Hours of Operation	Fuel Type				
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	3,294	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	2,516	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	2,726	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	1,574	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	2,866	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Caterpillar	3456	2003	612	2,783	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	Paceco	RTG	1	Deutz	8M1015C	2004	454	3,716	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	Paceco	RTG	1	Deutz	8M1015C	2004	454	3,310	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Cummins	QSX15-G7	2005	685	1,901	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Cummins	QSX15-G7	2005	685	2,621	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Cummins	QSX15-G7	2005	685	2,157	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Cummins	QSX15-G7	2005	685	2,288	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Cummins	QSX15-G7	2005	685	2,197	ULSD	1/1/2005		
LAC060	Container	Rub-trd	Gantry	ZPMC	RTG	1	Cummins	QSX15-G7	2005	685	1,758	ULSD	1/1/2005		
LAC060	Container	Side pick	Taylor	TEC-155H	1	Cummins	B5.9L	1990	152	1,605	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Side pick	Taylor	TEC-155H	1	Cummins	B5.9L	1990	152	1,175	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Side pick	Taylor	TEC-155H	1	Cummins	B5.9L	1990	152	681	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Side pick	Taylor	TEC-155H	1	Cummins	B5.9L	1996	152	903	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Sweeper	Johnston	4000	1	Cummins		1995	100	88	ULSD				
LAC060	Container	Sweeper	Schwarze	M6000SE	1	GMC		2005	100	228	ULSD				
LAC060	Container	Top handler	Taylor	950L	1	Cummins	L10	1990	250	2,877	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	L10	1990	250	1,912	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	L10	1990	250	2,196	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	M11C	1990	250	1,838	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	M11C	1990	250	3,343	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	M11C	1990	250	2,412	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	954L	1	Cummins	M11C	1990	250	2,359	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	M11C	1997	250	3,656	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	M11C	1997	250	3,143	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	3,171	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	3,920	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	3,891	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	3,557	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	3,997	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	3,567	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	4,018	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	2,796	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2002	250	4,637	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	260	897	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	260	539	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	260	9	ULSD	1/1/2005		1/1/2003	



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										Hours of Operation	Fuel Type				
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	260	132	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	260	0	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	260	0	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	M11C	1997	250	2,913	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	950L	1	Cummins	L10	1997	250	802	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	954L	1	Cummins	L10	1997	250	2,393	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Top handler	Taylor	954L	1	Cummins	L10	1997	250	1,164	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1994	174	881	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1994	174	972	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1994	174	1,423	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1995	174	1,760	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1995	174	1,915	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1997	174	355	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1997	174	286	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	1,140	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	1,747	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,164	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	1,910	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,183	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,130	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,116	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,480	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,339	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	1,816	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	3,189	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,380	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1998	174	2,071	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1994	174	1,540	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1994	174	1,767	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1994	174	1,113	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1999	174	1,698	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1999	174	1,603	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1999	174	1,689	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1999	174	1,804	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1999	174	2,223	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	5.9L	1999	174	1,584	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,181	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,113	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,417	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,138	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9E-19	1999	174	2,023	ULSD	1/1/2005		1/1/2003	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,502	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,316	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,383	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,500	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,274	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,509	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,085	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1999	174	2,357	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,450	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,363	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,524	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,651	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	1,602	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,309	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,091	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	885	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,604	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,767	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,381	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	LPG 195	2000	174		Propane				
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	LPG 195	2000	174		Propane				
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	LPG 195	2000	174		Propane				
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	LPG 195	2000	174		Propane				
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	LPG 195	2000	174		Propane				
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins		2000	174	0	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,526	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	434	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,350	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,054	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,564	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	1,883	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,424	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,558	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,557	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,704	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,440	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Magnum	TT120	1	Cummins	B5.9L	2000	174	2,600	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2001	174	2,548	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,554	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,503	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L-20	2000	174	2,874	ULSD	1/1/2006		1/1/2003	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,651	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,671	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	B5.9L	2000	174	2,475	ULSD	1/1/2006		1/1/2003	
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,085	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,321	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,218	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,217	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,464	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,180	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,443	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,527	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,167	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,270	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,743	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,294	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,237	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,326	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,389	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,332	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,242	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,440	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,163	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,797	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,474	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,043	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,261	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,319	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,580	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,346	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,562	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,681	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,133	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,780	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,844	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,377	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,842	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,388	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,907	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	341	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,590	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195-21	2004	195	2,363	Propane				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emuslified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,562	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,621	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,409	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,432	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,323	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,384	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,086	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,601	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	1,278	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,257	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,292	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	3,200	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	3,379	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	3,245	Propane				
LAC060	Container	Yard tractor	Kalmar	PT122	1	Cummins	LPG 195	2004	195	2,985	Propane				
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	2005	174	1,972	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	2005	174	1,818	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1993	174	1,206	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	1993	174	1,655	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	2000	174	903	ULSD	1/1/2005		1/1/2003	
LAC060	Container	Yard tractor	Sisu	TT120	1	Cummins	5.9L	2000	174	0	ULSD	1/1/2005		1/1/2003	
LAC070	Container	Forklift	Mitsubishi	FD-35	1	Caterpillar		1990	80	720	ULSD				
LAC070	Container	Forklift	Hyster	H50XM	1	Perkins		2000	58	1,200	ULSD				
LAC070	Container	Forklift	Taylor	GT-360	1	Perkins	DDC-60	1993	115	1,400	ULSD				
LAC070	Container	Forklift	Taylor	GT-360	1	Perkins	DDC-60	1996	115	1,400	ULSD				
LAC070	Container	Forklift	Taylor	TE-300-M	1	Cummins	6BTA	1993	215	1,400	ULSD				
LAC070	Container	Forklift	Taylor	TE-300-M	1	Cummins	6BTA	1996	115	1,400	ULSD				
LAC070	Container	Forklift	Taylor	TE-250-M	1	Cummins	6BTA	1993	210	1,400	ULSD				
LAC070	Container	Forklift	Kalmar	DB13	1	Perkins		1986	215	1,400	ULSD				
LAC070	Container	Forklift	Kalmar	600-XL	1	Cummins	6BTA	1990	152	1,400	ULSD				
LAC070	Container	Forklift	Kalmar	klm421200	1	Volvo	TD100G	1986	275	1,400	ULSD				
LAC070	Container	Forklift	Hyster		1		FGC25	1980	150	50	Propane				
LAC070	Container	Forklift	Hyster		1		FGC25	1980	150	1,000	Propane				
LAC070	Container	Forklift	Mitsubishi		1		CPF02	1986	122	400	Propane				
LAC070	Container	Forklift	Nissan		1		CPF02	1986	122	730	Propane				
LAC070	Container	Forklift	Nissan		1		CPF02	1986	122	730	Propane				
LAC070	Container	Forklift	Nissan		1		CPF02	1986	122	730	Propane				
LAC070	Container	Forklift	Clark		1		C500	1991	122	50	Propane				
LAC070	Container	Forklift	Nissan		1		CPF02	1993	122	100	Propane				
LAC070	Container	Forklift	Caterpillar		1		GP30	1994	122	758	Propane				
LAC070	Container	Forklift	Caterpillar		1		GP30-22	1994	122	758	Propane				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC070	Container	Rub-trd	Gantry Mitsui	Paceco	1	Cummins	KTA19-GL	1995	465	100	ULSD				
LAC070	Container	Rub-trd	Gantry Mitsui	Paceco	1	Cummins	KTA19-GL	1995	465	100	ULSD				
LAC070	Container	Rub-trd	Gantry Mitsui	Paceco	1	Cummins	KTA19-GL	1995	465	100	ULSD				
LAC070	Container	Rub-trd	Gantry Mitsui	Paceco	1	Cummins	KTA19-GL	1995	465	100	ULSD				
LAC070	Container	Rub-trd	Gantry Mitsui	Paceco	1	Cummins	KTA19-GL	1995	465	100	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,732	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,084	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,204	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,528	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,684	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,084	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	4,992	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	3,960	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	624	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	4,896	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	4,116	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	6,564	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2005	680	4,596	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2002	680	1,980	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2002	680	1,752	ULSD				
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	612	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	1,188	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Rub-trd	Gantry Kone		1	Cummins	QSX 15-G7	2006	680	0	ULSD			1/1/2006	
LAC070	Container	Side pick	Taylor	155	1	Cummins	6BT5.9C	1996	152	1,743	ULSD				
LAC070	Container	Side pick	Taylor	155	1	Cummins	6BT5.9C	1996	152	1,290	ULSD				
LAC070	Container	Side pick	Taylor	155	1	Cummins	6BT5.9C	1996	152	1,290	ULSD				
LAC070	Container	Side pick	Kalmar	DCD.90E	1	Cummins	QSM11-C330	2002	330	1,548	ULSD				
LAC070	Container	Side pick	Kalmar	DCD.90E	1	Cummins	QSM11-C330	2002	330	1,361	ULSD				
LAC070	Container	Side pick	Kalmar	DCD.90E	1	Cummins	QSM11-C330	2002	330	1,323	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC070	Container	Side pick	Taylor	TECSP-156	1	Cummins	QSB5.9	2006	215	0	ULSD				
LAC070	Container	Side pick	Kalmar	DCE70-45	1	Volvo	TWD730VE	2000	200	1,203	ULSD				
LAC070	Container	Sweeper	Elgin	Crosswind	1	Cummins	ISB205	2002	205	1,000	Gasoline				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1996	250	1,547	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1995	250	1,550	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1996	250	2,255	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1995	250	3,344	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1995	250	2,738	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	M11	1998	250	3,161	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1998	250	3,231	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	M11	1999	250	2,180	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1990	250	1,569	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1993	250	2,357	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1993	250	798	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1994	250	2,576	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1994	250	2,279	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1995	250	2,463	ULSD				
LAC070	Container	Top handler	Taylor	TEC-950L	1	Cummins	LT10	1996	250	1,976	ULSD				
LAC070	Container	Top handler	Taylor	THDC-954	1	Cummins	M11	1999	250	3,413	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2002	330	200	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2002	330	462	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2002	330	390	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2002	330	1,403	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2003	330	3,639	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2004	330	3,966	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2004	330	3,372	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2004	330	1,982	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2004	330	1,307	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2004	330	551	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2004	330	3,776	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2004	330	396	ULSD				
LAC070	Container	Top handler	Kalmar	DCD-450	1	Cummins	QSM11	2004	330	1,034	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2004	330	3,588	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2005	330	1,548	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2005	330	3,192	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2005	330	3,480	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2005	330	4,008	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2005	330	3,384	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2005	330	2,244	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11-25	2005	330	3,168	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	335	3,168	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	335	3,168	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	335	3,168	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	335	3,168	ULSD				
LAC070	Container	Top handler	Taylor	THDC-955	1	Cummins	QSM11	2006	335	3,168	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	QSB	2000	215	492	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	QSB	2000	215	1,643	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,485	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,464	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	507	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,700	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,544	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,842	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,023	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	674	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,571	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,178	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,589	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,823	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	114	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	554	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,325	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	560	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,853	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	282	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	4,283	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,896	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	4,200	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	2,580	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	767	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,949	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,800	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,806	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	722	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	8,138	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6BTA	2000	174	1,385	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	552	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	1,878	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	444	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	446	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CE-26	2001	215	1,527	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	1,608	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	885	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	2,241	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	417	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	902	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	2,840	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	1,544	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	1,425	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	3,395	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	3,432	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	2,832	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2001	215	2,166	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,844	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,937	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	2,090	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	2,916	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,602	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	2,825	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	3,287	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	3,246	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	3,660	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	2,559	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,484	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	2,465	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	543	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,691	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	353	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,802	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,808	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	687	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,953	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	744	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	716	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	977	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,778	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,874	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,565	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,808	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	377	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	2,057	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT _{E-27}	2002	215	2,363	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	3,074	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	224	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	4,434	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	6CT	2002	215	1,344	ULSD				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	215	48	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,311	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,877	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	552	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,878	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	444	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	446	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,527	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,608	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	885	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,241	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	417	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	902	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,840	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,544	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,425	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	3,395	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	3,432	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,832	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,166	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,844	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,937	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,090	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,916	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	1,602	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,825	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	3,287	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	3,246	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	3,660	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2003	245	2,559	ULSD				1/1/2003
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,484	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	2,465	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	543	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,691	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	353	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,802	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,808	ULSD				1/1/2004



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										Hours of Operation	Fuel Type				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	687	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,953	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	744	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	716	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	977	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,778	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,874	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,565	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,808	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	377	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	2,057	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	2,363	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,074	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	224	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	4,434	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,344	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	48	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,311	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	2,877	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,497	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,624	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,819	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,433	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,431	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,431	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,486	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,628	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,570	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,560	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	858	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,549	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,617	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,978	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,693	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,644	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,825	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,620	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,020	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	1,299	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,273	ULSD				1/1/2004
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2004	245	3,213	ULSD				1/1/2004



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC070	Container	Yard tractor	Ottowa	C-50	1	Cummins	ISB	2006	245	3,000	ULSD				1/1/2006
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Electric Pallet Jack			1			1999	0	0	Electric				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	528	Propane				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	610	Propane				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	253	Propane				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	586	Propane				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	552	Propane				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	606	Propane				
LAC090	Container	Forklift	Mitsubishi	5G50K	1	Nissan	4.5 6 cyl	2004	165	267	Propane				
LAC090	Container	Forklift	Fantuzzi	FDC180/16	1	Cummins	QSB	2004	200	1,231	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Forklift	Fantuzzi	FDC180/16	1	Cummins	QSB-31	2004	200	1,081	ULSD	1/1/2005		1/1/2004	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC090	Container	Forklift	Fantuzzi	FDC180/16	1	Cummins	QSB	2004	200	1,673	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Fuel Truck	Ford		1			1975	100	488	ULSD				
LAC090	Container	Fuel Truck	International	4900	1			2001	235	800	ULSD				
LAC090	Container	Man Lift	Genie	60I	1			1995	80	200	ULSD				
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Rub-trd Gantry	Paseco	Transtainer	1	Cummins	QSX15-G7	2003	625	600	ULSD	1/1/2005			
LAC090	Container	Side pick	Fantuzzi	FDC25K8	1	Cummins	C8.3C	2004	180	2,915	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Side pick	Fantuzzi	FDC25K8	1	Cummins	C8.3C	2004	180	1,889	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Side pick	Fantuzzi	FDC25K8	1	Cummins	C8.3C	2004	180	2,789	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Side pick	Fantuzzi	FDC25K8	1	Cummins	C8.3C	2004	180	1,932	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Side pick	Fantuzzi	FDC25K8	1	Cummins	C8.3C	2004	180	2,611	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Side pick	Fantuzzi	FDC25K8	1	Cummins	C8.3C	2004	180	3,048	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Sweeper	Johnston	V4000SP	1			1995	100	310	ULSD				
LAC090	Container	Top handler	Taylor	THDC-954	1	Cummins	L10	1994	250	2,221	ULSD			1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,810	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	3,287	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,766	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	3,034	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,910	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,752	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,808	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,616	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2005	250	2,659	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Taylor	TEC-950L	1	Cummins	L10	1994	250	1,175	ULSD			1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,169	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,499	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,373	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,579	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Top handler	Fantuzzi	FDC500G5	1	Cummins	QSM11	2004	250	2,886	ULSD	1/1/2005		1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,254	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,215	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,268	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,684	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,781	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9E-32	2003	200	2,836	ULSD	1/1/2005		1/1/2003	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type			
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,917	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,873	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,807	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,724	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,294	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,858	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	874	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,820	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,833	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,045	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,728	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,946	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,764	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,672	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,733	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,859	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,650	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	4,689	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,867	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,076	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,849	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,214	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,889	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,894	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,095	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,230	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,029	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,094	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,914	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,183	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	2,733	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,154	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,124	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Magnum		1	Cummins	5.9L	2003	200	3,507	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,958	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	2,496	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,470	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,862	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,897	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,717	ULSD	1/1/2005	1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L-33	2000	200	1,755	ULSD	1/1/2005	1/1/2003	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	2,022	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,667	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,809	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	2,356	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	1,616	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	2,113	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Capacity		1	Cummins	5.9L	2000	200	2,044	ULSD	1/1/2005		1/1/2003	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,796	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,902	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,293	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,159	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,392	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,092	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,319	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,530	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,311	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,417	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,181	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,237	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,428	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,367	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,344	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,347	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,880	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,622	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,148	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,311	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,457	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,358	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,389	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,795	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,431	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,376	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	1,679	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,109	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,843	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,191	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,429	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,034	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,505	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,257	ULSD			1/1/2004	



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,984	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,091	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,454	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,272	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	5,287	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,618	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,646	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,562	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,070	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	4,908	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,070	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,429	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	2,434	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	3,313	ULSD			1/1/2004	
LAC090	Container	Yard tractor	Kalmar	PT122	1	Cummins	QSB	2004	200	180	ULSD			1/1/2004	
LAO020	Break Bulk	Forklift	Hyster	15T	1			1979	190	260	ULSD				
LAO020	Break Bulk	Forklift	Taylor	25T	1			1979	200	260	ULSD				
LAO020	Break Bulk	Forklift	Taylor	25T	1			1979	200	260	ULSD				
LAO020	Break Bulk	Forklift	Mitsubishi	8000 lbs.	1			1980	150	780	ULSD				
LAO020	Break Bulk	Forklift	Mitsubishi	8000 lbs.	1			1980	150	780	ULSD				
LAO020	Break Bulk	Forklift	Mitsubishi	8000 lbs.	1			1980	150	780	ULSD				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	Toyota		1			1987	122	780	Propane				
LAO020	Break Bulk	Forklift	2.5 T		1	Toyota		1991	150	2,250	Gasoline				
LAO020	Break Bulk	Forklift	2.5 T		1	Toyota		1991	150	2,250	Gasoline				
LAO020	Break Bulk	Forklift	2.5 T		1	Toyota		1991	150	2,250	Gasoline				
LAO020	Break Bulk	Forklift	4.5 T		1	TCM	C-35	1991	150	2,250	Gasoline				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Fuel Type	Emuslified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel					
LAO080	Cruise	Forklift	Toyota	2FD-135	1	Toyota	2D	1988	112	365		ULSD				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Caterpillar	GP30	1	Mitsubishi	4G64	2000	55	1,200		Propane				
LAO080	Cruise	Forklift	Caterpillar	GP30	1	Mitsubishi	4G64	2000	55	1,200		Propane				
LAO080	Cruise	Forklift	Caterpillar	GP30	1	Mitsubishi	4G64	2000	55	1,200		Propane				
LAO080	Cruise	Forklift	Caterpillar	P6000	1	Nissan	K21	2004	43	1,200		Propane				
LAO080	Cruise	Forklift	Caterpillar	P6000	1	Nissan	K21	2004	43	1,200		Propane				
LAO080	Cruise	Forklift	Caterpillar	P6000	1	Nissan	K21	2004	43	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	45	1,200		Propane				
LAO080	Cruise	Forklift	Mitsubishi	FG30	1	Mitsubishi	4G64	1995	55	1,200		Propane				
LAO080	Cruise	Forklift	Taylor	TE-300S	1	Perkins	6-354	1996	110	730		ULSD				
LAO080	Cruise	Fuel Truck	Ford	LN 700	1	Ford		1979	370	365		Gasoline				
LAO080	Cruise	Fuel Truck	Freightliner	FL-70	1	Cummins	ISB-205	1997	97	365		ULSD				1/1/1997
LAO100	Liquid	Forklift	Clark		1			1999	122	780		Propane				
LAO110	Other	Forklift			1			1995	122	300		Propane				
LAO110	Other	Forklift	Clark		1			1999	122	780		Propane				
LAO110	Other	Forklift	Clark		1			1999	122	780		Propane				
LAO120	Break Bulk	Bulldozer	Caterpillar	D6D	1			1979	140	144		ULSD				
LAO120	Break Bulk	Bulldozer	Caterpillar	D6D	1			1984	140	90		ULSD				
LAO120	Break Bulk	Bulldozer	Caterpillar	D6D	1			1980	140	39		ULSD				
LAO120	Break Bulk	Bulldozer	Caterpillar	D6D	1			1985	140	11		ULSD				
LAO120	Break Bulk	Bulldozer	Caterpillar	D6D	1			1983	140	0		ULSD				
LAO120	Break Bulk	Bulldozer	Caterpillar	D6D	1			1986	140	171		ULSD				
LAO120	Break Bulk	Bulldozer	Caterpillar		1			2006	460			ULSD				
LAO120	Break Bulk	Crane	American	Cable	1			1986	750	3,141		ULSD				
LAO120	Break Bulk	Crane	American	Cable	1			1965	330	257		ULSD				
LAO120	Break Bulk	Crane	Grove	RT 418	1			1982	150	461		ULSD				
LAO120	Break Bulk	Crane	Grove	RT750	1			1982	205	863		ULSD				
LAO120	Break Bulk	Crane	Grove	RT855B	1			1982	205	1,154		ULSD				
LAO120	Break Bulk	Crane	Manitowoc	4000W	1			1969	245	500		ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1975	493	1,251		ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1		C-37	1975	493	2,126		ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1975	493	2,543	ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1978	493	1,179	ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1978	493	1,364	ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1975	493	1,364	ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1975	493	2,318	ULSD				
LAO120	Break Bulk	Dump Truck	Terex	40T 33-07	1			1981	493	909	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1980	85	1,000	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1994	128	662	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1990	128	71	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1999	428	1,577	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			2000	428	4,166	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1999	428	3,806	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			2000	428	4,604	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1999	428	5,358	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			2002	428	3,273	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1999	428	1,428	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1995	428	3,206	ULSD				
LAO120	Break Bulk	Excavator	Caterpillar	Excavator	1			1995	428	2,726	ULSD				
LAO120	Break Bulk	Forklift	Caterpillar	V80E	1			2001	60	72	Propane				
LAO120	Break Bulk	Forklift	Caterpillar	DP90	1			1994	60	870	Propane				
LAO120	Break Bulk	Forklift	Caterpillar	V80F	1			2002	60	371	Propane				
LAO120	Break Bulk	Forklift	Caterpillar	V80E	1			1995	60	171	Propane				
LAO120	Break Bulk	Forklift	Caterpillar	V80E	1			1995	60	171	Propane				
LAO120	Break Bulk	Forklift	Komatsu	FG40ZT-6	1			1995	80	369	Propane				
LAO120	Break Bulk	Forklift	Caterpillar	V80E	1			1995	60	320	Propane				
LAO120	Break Bulk	Forklift	Raymond	FEASi-R30-C	1			2006	40	920	Propane				
LAO120	Break Bulk	Forklift	Eagle Piche	R-80	1			2006	40	959	Propane				
LAO120	Break Bulk	Forklift	Eagle Piche	R-80	1			2006	40	882	Propane				
LAO120	Break Bulk	Loader	Caterpillar	930-C	1			1979	100	897	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	966-C	1			1972	170	392	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	966-D	1			1986	200	449	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	966-D	1			1987	200	681	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	966-F	1			1992	220	1,469	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	Series II	1			1999	430	5,588	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	Series II	1			1999	430	3,884	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	Series II	1			1999	430	4,595	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	Series II	1			1999	430	3,840	ULSD				
LAO120	Break Bulk	Loader	Caterpillar	Backhoe	1			2003	98	998	ULSD				
LAO120	Break Bulk	Man Lift	Simon	MP40	1			1996	80	339	ULSD				
LAO120	Break Bulk	Man Lift	JLG Lift	800 AJ	1			1999	80	1,136	ULSD				
LAO120	Break Bulk	Man Lift	JLG Lift	600S	1			1999	60	1,004	ULSD				

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Terminal ID	Terminal Type	Port Equip Type	Equip Make	Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual	Fuel Type	Emuslified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation					
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift			1			1993	122	758	Propane				
LAO180	Break Bulk	Forklift	Mitsubishi		1			1994	122	758	Propane				
LAO180	Break Bulk	Forklift	Komatsu		1	Komatsu		1995	122	500	Propane				
LAO180	Break Bulk	Forklift	5000 lb		1			1995	122	758	Propane				
LAO180	Break Bulk	Forklift	Hyster		1	Hyster		1997	122	1,500	Propane				
LAO180	Break Bulk	Forklift	Hyster		1			2000	122	758	Propane				
LAO180	Break Bulk	Forklift	Nissan		1			2002	122	758	Propane				
LAO180	Break Bulk	Forklift	Nissan		1			2002	122	758	Propane				
LAO180	Break Bulk	Forklift	Nissan		1			2002	122	758	Propane				
LAO200	Other	Forklift			1			1993	122	758	Propane				
LAO200	Other	Forklift			1			1993	122	758	Propane				
LAO200	Other	Forklift			1		C-40	1993	122	758	Propane				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emuslified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	1997	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	1997	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	1997	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	1997	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	1997	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 25	1	Toyota	4Y	2002	57	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota	4Y	1997	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota	4Y	1997	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota	4Y	1996	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota	4Y	1996	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota	4Y	1996	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1996	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1991	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1991	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1990	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1995	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1999	90	1,458	Propane				
LAO250	Other	Forklift	Toyota	FGC 45	1	Toyota		1999	90	1,458	Propane				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi		1998	48	1,458	Propane				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi		1998	48	1,458	Propane				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi	C-43	1998	48	1,458	Propane				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi		1999	48	1,458	Propane				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi		1999	48	1,458	Propane				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi		1999	48	1,458	Propane				
LAO250	Other	Forklift	Clark	CGC 25	1	Mitsubishi		1999	48	1,458	Propane				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2002	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2002	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2002	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2002	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2002	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2002	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2000	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2000	210	1,800	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2000	210	1,296	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2000	210	1,344	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	2000	210	1,322	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1998	210	1,000	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1998	210	2,160	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1998	210	1,824	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1998	210	1,950	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1995	210	950	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1995	210	100	ULSD				
LAO250	Other	Yard tractor	Ottowa	30	1	Cummins	6 BTA	1995	210	1,000	ULSD				
LAO250	Other	Yard tractor	Sisu		1	Cummins	6 BTA	1995	210	1,000	ULSD				
LAO250	Other	Yard tractor	Sisu		1	Cummins	6 BTA	1996	210	1,750	ULSD				
LAO270	Dry Bulk	Loader	Caterpillar		1			1995	200	1,040	ULSD				
LAO270	Dry Bulk	Loader	Internation 260		1			1995	110	1,040	ULSD				
LAO270	Dry Bulk	Yard tractor			1			1995	250	2,080	ULSD				
LAO270	Dry Bulk	Yard tractor			1			1995	250	2,080	ULSD				
LAO270	Dry Bulk	Yard tractor			1			1995	250	2,080	ULSD				
LAO270	Dry Bulk	Yard tractor			1			1995	250	2,080	ULSD				
LAO280	Other	Forklift	Taylor	ST4-27594	1	Perkins	VH70392	1998	175	83	ULSD				
LAO280	Other	Forklift	Toyota	6FDU25	1	Toyota		1997	85	182	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000RC	1	Detroit	D-Deck	2002	300	3,855	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000RC	1	Detroit	D-Deck	2002	300	3,524	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1200R	1	Detroit	D-Deck	2005	300	606	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000R	1	Detroit	671N	1988	250	3,048	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000R	1	Detroit	671TA	1995	300	5,015	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000R	1	Detroit	671TA	1995	300	4,663	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000R	1	Detroit	671TA	1995	300	4,963	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	1000R	1	Detroit	671TA	1995	300	5,315	ULSD				
LAO280	Other	Rub-trd Gantry	Mi Jack	850R	1	Detroit	D-Deck ₄₅	1997	300	2,033	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAO280	Other	Top handler	Mi Jack	PC-90	1	Cummins	NA335	1972	335	41	ULSD				
LAO280	Other	Top handler	Taylor	Tay-950	1	Cummins	L-10	1988	350	3,562	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	1,752	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	3,100	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	3,504	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	3,625	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	3,808	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,134	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,555	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,581	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,616	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,659	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,685	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,708	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,801	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,880	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,940	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,949	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,953	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,968	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	4,972	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,130	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,136	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,180	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,182	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,192	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,218	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,227	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,269	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,336	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,365	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,450	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,479	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,515	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,646	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,656	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,779	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	5,985	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	6,157	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	6,579	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Equip Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual		Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
										Hours of Operation	Fuel Type				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO280	Other	Yard tractor	Capacity	TJ5000	1	Cummins	6BTAA	2005	173	2,382	ULSD				
LAO290	Liquid	Forklift	Komatsu	FD30T11	1			1995	100	1,000	ULSD				
LAO290	Liquid	Forklift			1			1995	100	1,000	ULSD				
LAO300	Other	Crane	TEREX	RT550	1	Cummins	6bta5.9	2003	174	600	ULSD				
LAO300	Other	Crane	TEREX	RT230	1	Cummins	6BT5.9	2004	130	600	ULSD				
LAO300	Other	Crane	Linkbelt	hsp8025s	1	Detroit		1989	150	780	ULSD				
LAO300	Other	Forklift	Toyota	5000lb.	1	Toyota	5R	1989	50	910	Propane				
LAO300	Other	Forklift	Toyota	4000lb.	1	Toyota	4P	1987	50	910	Propane				
LAO300	Other	Forklift	Toyota	5000lb.	1	Toyota	5R	1990	50	910	Propane				
LAO300	Other	Forklift	Nissan	5000lb.	1	Nissan	H20-2	1994	50	910	Propane				
LAO300	Other	Forklift	Nissan	5000lb.	1	Nissan	H20-2	1995	50	910	Propane				
LAO300	Other	Man Lift	Caterpillar	TH83	1	Caterpillar	7BJ06849	1998	80	250	ULSD				
LAO300	Other	Skid Steer Load	Bobcat		853	1	bobcat	KUBTA	1994	75	96	ULSD			
LAO390	Other	Forklift	Hyster		1	Hyster		1992	120	1,250	ULSD				
LAO390	Other	Side pick	Detroit		1	Detroit	453	1992	136	875	ULSD				
LAO390	Other	Yard tractor	Cummins		1	Cummins		1998	250	1,000	ULSD				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb	2002	58	1,458	Propane				
LAO400	Other	Forklift	Komatsu		1		5000 lb _{C-47}	2002	58	1,458	Propane				



Terminal ID	Terminal Type	Port Equip Type	Equip Make	Model	Eng ID	Engine Make	Engine Model	Year	HP	Annual					
										Hours of Operation	Fuel Type	Emulsified Fuel	O2 Diesel	DOC Installed	On-road Engine
LAO410	Dry Bulk	Skid Steer Load	Bobcat	843	1	Isuzu		2001	54	20	ULSD				
LAO410	Dry Bulk	Skid Steer Load	Bobcat	980	1	Cummins	4B 3.9	2001	94	50	ULSD				
LAO410	Dry Bulk	Sweeper	Tennant	6500	1	Kubota		1999	37	55	ULSD				



Zero Hour Emission Factors

Engine Type	Engine				Zero Hour Emission Factor (g/kw-hr)							
	Year		Power (kW)		PM	NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
Diesel	0	1995	0	20	1.02	9.27	0.09	6.7	2.47	762	0.027	0.061
Diesel	1995	1997	0	20	0.56	5.21	0.09	1.88	2.18	762	0.027	0.061
Diesel	0	1988	20	38	1.02	9.38	0.09	6.7	2.47	762	0.024	0.061
Diesel	1988	1997	20	38	1.02	9.25	0.09	6.7	2.41	762	0.024	0.061
Diesel	0	1988	38	91	1.13	17.42	0.08	6.43	1.93	762	0.024	0.056
Diesel	1988	1997	38	91	0.93	11.73	0.08	4.68	1.33	762	0.024	0.056
Diesel	0	1970	91	131	1.03	18.76	0.08	5.9	1.77	762	0.024	0.053
Diesel	1970	1972	91	131	0.88	17.42	0.08	5.9	1.47	762	0.024	0.053
Diesel	1972	1979	91	131	0.74	16.08	0.08	5.9	1.34	762	0.024	0.053
Diesel	1979	1980	91	131	0.74	16.08	0.08	5.9	1.34	762	0.024	0.053
Diesel	1980	1985	91	131	0.74	14.74	0.08	5.76	1.26	762	0.024	0.053
Diesel	1985	1988	91	131	0.74	14.74	0.08	5.63	1.18	762	0.024	0.053
Diesel	1988	1997	91	131	0.51	10.95	0.08	3.62	0.91	762	0.024	0.053
Diesel	0	1970	131	187	1.03	18.76	0.08	5.9	1.77	762	0.024	0.047
Diesel	1970	1972	131	187	0.88	17.42	0.08	5.9	1.47	762	0.024	0.047
Diesel	1972	1979	131	187	0.74	16.08	0.08	5.9	1.34	762	0.024	0.047
Diesel	1979	1980	131	187	0.74	16.08	0.08	5.9	1.34	762	0.024	0.047
Diesel	1980	1985	131	187	0.74	14.74	0.08	5.76	1.26	762	0.024	0.047
Diesel	1985	1988	131	187	0.74	14.74	0.08	5.63	1.18	762	0.024	0.047
Diesel	1988	1996	131	187	0.51	10.95	0.08	3.62	0.91	762	0.024	0.047
Diesel	1996	1997	131	187	0.2	8.38	0.08	1.23	0.43	762	0.024	0.047
Diesel	0	1970	187	374	0.99	18.76	0.07	5.63	1.69	762	0.02	0.047
Diesel	1970	1972	187	374	0.84	17.42	0.07	5.63	1.41	762	0.02	0.047
Diesel	1972	1979	187	374	0.71	16.08	0.07	5.63	1.27	762	0.02	0.047
Diesel	1979	1980	187	374	0.71	16.08	0.07	5.63	1.27	762	0.02	0.047
Diesel	1980	1985	187	374	0.71	14.74	0.07	5.63	1.21	762	0.02	0.047
Diesel	1985	1988	187	374	0.71	14.74	0.07	5.49	1.13	762	0.02	0.047
Diesel	1988	1996	187	374	0.51	10.95	0.07	3.62	0.91	762	0.02	0.047
Diesel	1996	1997	187	374	0.2	8.38	0.07	1.23	0.43	762	0.02	0.047
Diesel	0	1970	374	560	0.99	18.76	0.07	5.63	1.69	762	0.021	0.048
Diesel	1970	1972	374	560	0.84	17.42	0.07	5.63	1.41	762	0.021	0.048
Diesel	1972	1979	374	560	0.71	16.08	0.07	5.63	1.27	762	0.021	0.048
Diesel	1979	1980	374	560	0.71	16.08	0.07	5.63	1.27	762	0.021	0.048
Diesel	1980	1985	374	560	0.71	14.74	0.07	5.63	1.21	762	0.021	0.048
Diesel	1985	1988	374	560	0.71	14.74	0.07	5.49	1.13	762	0.021	0.048
Diesel	0	1970	560	99999	0.99	18.76	0.07	5.63	1.69	762	0.021	0.048
Diesel	1970	1972	560	99999	0.84	17.42	0.07	5.63	1.41	762	0.021	0.048
Diesel	1972	1979	560	99999	0.71	16.08	0.07	5.63	1.27	762	0.021	0.048
Diesel	1979	1980	560	99999	0.71	16.08	0.07	5.63	1.27	762	0.021	0.048
Diesel	1980	1985	560	99999	0.71	14.74	0.07	5.63	1.21	762	0.021	0.048
Diesel	1985	1988	560	99999	0.71	14.74	0.07	5.49	1.13	762	0.021	0.048
Gasoline	1996	1997	0	38	0.08	10.74	0.01	120.56	5.04	982	0.034	0.076
Gasoline	2001	2002	0	38	0.08	9.27	0.01	104.72	3.97	982	0.034	0.076
Gasoline	2002	2003	0	38	0.08	7.4	0.01	109.67	3.14	982	0.034	0.076

Engine Type	Engine				PM	Zero Hour Emission Factor (g/kw-hr)						
	Year		Power (kW)			NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
Gasoline	2003	2004	0	38	0.08	6.06	0.01	95.25	2.17	982	0.034	0.076
Gasoline	2004	2007	0	38	0.08	1.78	0.01	51.21	0.95	982	0.034	0.076
Gasoline	2007	2040	0	38	0.08	1.78	0.01	51.21	0.95	982	0.034	0.076
Gasoline	1996	1997	38	91	0.08	15.88	0.01	58.74	3.53	982	0.027	0.06
Gasoline	2001	2002	38	91	0.08	12.85	0.01	55.09	2.79	982	0.027	0.06
Gasoline	2002	2003	38	91	0.08	9.82	0.01	53.27	2.07	982	0.027	0.06
Gasoline	2003	2004	38	91	0.08	6.79	0.01	51.44	1.33	982	0.027	0.06
Gasoline	2004	2007	38	91	0.08	2.39	0.01	11.75	0.35	982	0.027	0.06
Gasoline	2007	2040	38	91	0.08	2.39	0.01	11.75	0.35	982	0.027	0.06
Gasoline	1996	1997	91	99999	0.08	17.35	0.01	27.89	2.16	982	0.027	0.06
Gasoline	2001	2002	91	99999	0.08	13.8	0.01	27.89	1.78	982	0.027	0.06
Gasoline	2002	2003	91	99999	0.08	10.25	0.01	27.89	1.42	982	0.027	0.06
Gasoline	2003	2004	91	99999	0.08	6.68	0.01	27.89	1.05	982	0.027	0.06
Gasoline	2004	2007	91	99999	0.08	2.6	0.01	27.89	0.21	982	0.027	0.06
Gasoline	2007	2040	91	99999	0.08	2.6	0.01	27.89	0.21	982	0.027	0.06
Diesel	1997	1999	0	20	0.56	5.21	0.09	1.88	2.18	762	0.027	0.061
Diesel	1999	2040	0	20	0.16	1.66	0.09	0.67	0.7	762	0.027	0.061
Diesel	1997	1999	20	38	1.02	9.25	0.09	6.7	2.41	762	0.027	0.061
Diesel	1999	2004	20	38	0.8	7.44	0.09	5.49	1.94	762	0.027	0.061
Diesel	2004	2005	20	38	0.58	6.83	0.09	4.38	0.86	762	0.027	0.061
Diesel	2005	2006	20	38	0.51	6.63	0.09	4.02	0.5	762	0.027	0.061
Diesel	2006	2008	20	38	0.47	6.54	0.09	3.83	0.32	762	0.027	0.061
Diesel	2008	2040	20	38	0.43	6.43	0.09	3.65	0.13	762	0.027	0.061
Diesel	1997	1998	38	91	0.93	11.73	0.08	4.68	1.33	762	0.024	0.056
Diesel	1998	2004	38	91	0.93	9.25	0.08	4.68	1.33	762	0.024	0.056
Diesel	2004	2005	38	91	0.52	7.56	0.08	4.33	0.62	762	0.024	0.056
Diesel	2005	2006	38	91	0.39	7	0.08	4.21	0.38	762	0.024	0.056
Diesel	2006	2008	38	91	0.32	6.71	0.08	4.14	0.26	762	0.024	0.056
Diesel	2008	2040	38	91	0.26	3.87	0.08	4.09	0.13	762	0.024	0.056
Diesel	1997	2003	91	131	0.51	9.25	0.08	3.62	0.91	762	0.024	0.053
Diesel	2003	2004	91	131	0.32	7.05	0.08	3.62	0.44	762	0.024	0.053
Diesel	2004	2005	91	131	0.26	6.33	0.08	3.62	0.3	762	0.024	0.053
Diesel	2005	2007	91	131	0.21	5.95	0.08	3.62	0.21	762	0.024	0.053
Diesel	2007	2040	91	131	0.19	3.28	0.08	3.62	0.13	762	0.024	0.053
Diesel	1997	2003	131	187	0.2	8.38	0.08	1.23	0.43	762	0.024	0.053
Diesel	2003	2004	131	187	0.16	6.7	0.08	1.23	0.26	762	0.024	0.053
Diesel	2004	2005	131	187	0.15	6.14	0.08	1.23	0.19	762	0.024	0.053
Diesel	2005	2007	131	187	0.15	5.87	0.08	1.23	0.16	762	0.024	0.053
Diesel	2007	2040	131	187	0.15	3.28	0.08	1.23	0.13	762	0.024	0.053
Diesel	1997	2001	187	374	0.2	8.38	0.07	1.23	0.43	762	0.02	0.047
Diesel	2001	2002	187	374	0.16	6.63	0.07	1.23	0.26	762	0.02	0.047
Diesel	2002	2003	187	374	0.15	6.04	0.07	1.23	0.19	762	0.02	0.047
Diesel	2003	2005	187	374	0.15	5.75	0.07	1.23	0.16	762	0.02	0.047
Diesel	2005	2006	187	374	0.15	5.36	0.07	1.23	0.13	762	0.02	0.047

Engine Type	Engine				PM	Zero Hour Emission Factor (g/kw-hr)						
	Year		Power (kW)			NO _x	SO ₂	CO	HC	CO ₂	N ₂ O	CH ₄
	min	max	min	max								
Diesel	2006	2040	187	374	0.15	3.28	0.07	1.23	0.13	762	0.02	0.047
Diesel	1988	1996	374	560	0.38	8.17	0.07	3.62	0.68	762	0.021	0.048
Diesel	1996	1999	374	560	0.2	8.38	0.07	1.23	0.32	762	0.021	0.048
Diesel	1999	2002	374	560	0.2	8.38	0.07	1.23	0.43	762	0.021	0.048
Diesel	2002	2003	374	560	0.16	6.63	0.07	1.23	0.26	762	0.021	0.048
Diesel	2003	2004	374	560	0.15	6.04	0.07	1.23	0.19	762	0.021	0.048
Diesel	2004	2006	374	560	0.15	5.75	0.07	1.23	0.16	762	0.021	0.048
Diesel	2006	2040	374	560	0.15	3.28	0.07	1.23	0.13	762	0.021	0.048
Diesel	1988	2000	560	99999	0.51	10.95	0.07	3.62	0.91	762	0.021	0.048
Diesel	2000	2006	560	99999	0.2	8.38	0.07	1.23	0.43	762	0.021	0.048
Diesel	2006	2007	560	99999	0.16	6.63	0.07	1.23	0.26	762	0.021	0.048
Diesel	2007	2008	560	99999	0.15	6.04	0.07	1.23	0.19	762	0.021	0.048
Diesel	2008	2010	560	99999	0.15	5.75	0.07	1.23	0.16	762	0.021	0.048
Diesel	2010	2011	560	99999	0.08	3.16	0.07	1.23	0.13	762	0.021	0.048
Diesel	2011	2040	560	99999	0.08	3.16	0.07	1.23	0.13	762	0.021	0.048
Propane	0	2001	0	38	0.08	17.43	0	9.41	1.85	905	0	0
Propane	2001	2002	0	38	0.08	13.95	0	9.41	1.56	905	0	0
Propane	2002	2003	0	38	0.08	10.45	0	9.41	1.25	905	0	0
Propane	2003	2004	0	38	0.08	6.96	0	9.41	0.95	905	0	0
Propane	2004	2007	0	38	0.08	2.61	0	9.41	0.19	905	0	0
Propane	0	2001	38	91	0.08	14.12	0	26.44	2.08	905	0	0
Propane	2001	2002	38	91	0.08	11.45	0	26.44	1.72	905	0	0
Propane	2002	2003	38	91	0.08	8.8	0	26.44	1.37	905	0	0
Propane	2003	2004	38	91	0.08	6.13	0	26.44	1.01	905	0	0
Propane	2004	2007	38	91	0.08	2.12	0	26.44	0.21	905	0	0
Propane	0	2001	91	99999	0.08	14.09	0	22.09	1.85	905	0	0
Propane	2001	2002	91	99999	0.08	11.44	0	22.09	1.56	905	0	0
Propane	2002	2003	91	99999	0.08	8.77	0	22.09	1.26	905	0	0
Propane	2003	2004	91	99999	0.08	6.12	0	22.09	0.95	905	0	0
Propane	2004	2007	91	99999	0.08	2.12	0	22.09	0.19	905	0	0
Propane	2007	2040	0	38	0.08	2.12	0	9.41	0.19	905	0	0
Propane	2007	2040	38	91	0.08	2.12	0	26.44	0.21	905	0	0
Propane	2007	2040	91	99999	0.08	2.12	0	22.09	0.19	905	0	0
Gasoline	0	1997	0	38	0.08	10.74	0.01	120.56	5.04	905	0	0
Gasoline	0	1997	38	91	0.08	15.88	0.01	58.74	3.53	905	0	0
Gasoline	0	1997	91	99999	0.08	17.35	0.01	27.89	2.16	905	0	0
LNG	2004	2040	0	999	0	3.55	0	0.09	2.94	662	0	0



APPENDIX D – 2005 Methodology Comparison
Excerpts from Inventory of Air Emissions 2005 Report, Section 8

8.1 Comparison of 2005 Emission Estimates with Published 2001 Emission Estimates

To determine how emissions have changed between 2001 and 2005, the first instinct is to compare the published 2001 baseline emissions to those reported for 2005. However, there have been significant methodological changes and improvements between the two inventories such that a direct comparison would be inaccurate. A direct comparison of the published estimates without taking into consideration the significant changes between the 2001 and 2005 inventories is more akin to an “apples and Volvos” comparison. The changes in methodology between the 2001 and 2005 emissions by source category are described in the following subsections. The differences for each source category are summarized so that the reader may have a better understanding of why the published 2005 and 2001 emissions estimates cannot be compared as published. It should be noted that the 2001 baseline inventory estimated emissions by in-port and regional geographical areas. The 2001 regional emissions are consistent with the 2005 inventory on a geographical scale and were used in for the starting point for 2001.

8.1.1 Ocean-Going Vessels Differences of 2005 vs. Published 2001 Emission Estimates

The 2005 OGV inventory included the following key differences in methodology as compared with the 2001 baseline emissions inventory:

- PM emission factor of 1.5 g/kW-hr was used for diesel main engines when operating on heavy fuel oil (in 2001, 1.9 g/kW-hr was used for main engines)
- PM emission factor of 1.5 g/kW-hr was used for diesel auxiliary engines when operating on heavy fuel oil (in 2001, 0.8 g/kW-hr was used for auxiliary engines)

Table 8.2 summarizes the emission factor differences between the 2005 and 2001 emission inventories. The Port agreed to use the 1.5 g/kW-hr particulate matter emission factors for main and auxiliary engines in order to be consistent with ARB’s use of these emission factors.

It’s important to note that no adjustments to activities and physical inventories (hours of operation, number of ship calls, number and types of equipment, etc.) were made when adjusting the 2001 emissions. Only emissions estimating methodology changes were made – no adjustments were made to actual activities.

Table 8.2: Emission Factor Comparison for OGV Main and Auxiliary Engines using Residual Fuel, 2005 vs. 2001 Inventories

Engine Type	Fuel	2005	2001	Percent
		PM EF	PM EF	Change
2005 vs. 2001				
Main Engine	Residual oil	1.5	1.9	-27%
Auxiliary Engine	Residual oil	1.5	0.8	47%

Additional changes include:

- Emissions were estimated on a per vessel and per engine basis in 2005 (in 2001, vessels were “binned” based on cargo type and size)
- Vessel types were further sub-categorized within each type by size or subtype (in 2001, vessels were grouped by cargo types)
- Defaults by vessel types for auxiliary boiler load were derived from actual boiler fuel consumption data collected from Vessel Boarding Program (in 2001, one default value was used for all vessels)
- Anchorage emissions, with their associated shifts and hotelling times, were apportioned to the associated port berth (in 2001, not all anchorage emissions were accounted for, specifically if a vessel shifted from one anchorage to another before calling on a Port terminal)
- Actual vessel speeds from Marine Exchange data provided for the vessel speed reduction program were used for transit speed for each vessel in 2005 (in 2001, it was assumed that average sea-speeds (full speed) by bin were used by vessel type)
- Fuel correction factors for fuel switching were applied to only those vessels’ engines (main, auxiliary, and boilers) that are known to switch fuel (In 2001, a total percent of auxiliary engines were assumed to switch from residual fuel to marine diesel oil based on the assumption that if vessel had ability to store dual fuel, then auxiliary engines burned MDO)
- If actual data is known, it is used in 2005 inventory instead of defaults (2001 actual data was used for the appropriate bin if applicable)

8.1.2 Harbor Craft Differences of 2005 vs. Published 2001 Emission Estimates

The 2005 harbor craft inventory included the following key differences compared with the 2001 baseline emissions inventory:

- Many of the harbor craft load factors in 2005 EI changed (increased from 2001) to be more consistent with ARB’s load factors used in their inventory
- In 2005, the number of ocean tugs is based on 2005 Marine Exchange data and specific activity data from companies in order to only include those ocean tugs that made calls at the Port instead of using U.S. Army of Engineers (USACE) data for towboat activity which may have overestimated ocean tug emissions in 2001

Table 8.3 summarizes the load factor changes. Except for assist tugs, auxiliary engines and commercial fishing vessels, the load factors for most vessel types increased in 2005. ARB cited their harbor craft survey as the source of the harbor craft load factors used in the state’s harbor craft inventory.

Table 8.3: Load Factor Comparison for Harbor Craft, 2005 vs. 2001 Inventories

Vessel Type	2005 Engine LF	2001 Engine LF	Percent Change 2005 vs. 2001
Assist Tug	0.31	0.31	0%
Commercial Fishing	0.27	0.43	-59%
Crewboat	0.45	0.43	4%
Excursion	0.76	0.43	43%
Ferry	0.76	0.43	43%
Government	0.51	0.43	16%
Tugboat, harbor	0.68	0.43	37%
Tugboat, ocean	0.68	0.43	37%
Workboat	0.45	0.43	4%
Auxiliary engines	0.43	0.43	0%

8.1.3 Cargo Handling Equipment Differences of 2005 vs. Published 2001 Emission Estimates

The 2005 CHE inventory included the following key differences compared with the 2001 baseline emissions inventory:

- New deterioration rates and useful life are used for 2005 emissions
- CARB changed the load factors in 2005 for various equipment types

Table 8.4 shows the different load factors used for 2005 and 2001 by equipment type.

Table 8.4: Load Factor Comparison for CHE, 2005 vs. 2001 Inventories

Equipment	2005 Engine LF	2001 Engine LF	Percent Change 2005 vs. 2001
Yard Tractor	0.65	0.57	12%
Excavator	0.57	0.51	11%
Top and Side Picks	0.59	0.51	14%

8.1.4 Railroad Locomotives Differences of 2005 vs. Published 2001 Emission Estimates

The 2005 locomotive inventory included the following key differences compared with the 2001 baseline emissions inventory:

- EPA decreased the line haul locomotive emission factors due to their assumed penetration of newer locomotives into the national fleet. This emissions factor is based on the year of estimating emissions (i.e. there is a specific 2005 year emission factors that is associated with a specific fleet penetration rate for newer locomotives) and cannot be adjusted back to 2001.
- Different methods of estimating off-port line haul emissions were used because railroads did not provide adequate data to use the same method as the previous inventory. The new method is based on amount of cargo transported by rail and train characteristics such as number of containers and number of locomotives per train.
- Limitation of scope activities included in emission estimates to include only emissions associated with the movement of cargo that was loaded onto trains at locations under Port influence or control. The previous emission estimates included locomotives transporting cargo that had been drayed by truck from the Port to off-Port locations that are not under Port influence or control.

8.1.5 Heavy-Duty Vehicles Differences of 2005 vs. Published 2001 Emission Estimates

The 2005 HDV inventory included the following key differences compared with the 2001 baseline emissions inventory:

- EMFAC 2007 has different emission factors (zero-mile and deterioration rates) for all model years as compared to EMFAC 2002
- EMFAC 2007 has different speed correction factors than EMFAC 2002 for all pollutants
- 2005 inventory has a higher resolution for regional roadways from transportation study due to better data resolution

8.2 Steps Used to Adjust 2001 Methodology to be Consistent with 2005 Methodology

Emission inventories are continuously evolving and improving as better information is collected and methodologies are updated to include the best available methods and data, and therefore several steps are required to adjust/update the previous inventory in order to provide a consistent approach for comparison purposes. As discussed in Section 8.1, some source categories had significant methodology changes that made comparison of the 2005 emissions estimates to the published 2001 emission estimates challenging resulting in a potential “apples with Volvos.” In general, after the adjustment process was completed, the adjusted 2001 emissions were higher than the published emissions, with the exception of TOGs which were slightly lower.

It's important to note that no adjustments to activities and physical inventories (hours of operation, number of ship calls, number and types of equipment, etc.) were made when adjusting the 2001 emissions. Only emissions estimating methodology changes were made – no adjustments were made to actual activities.

The following sub-sections go through the steps required to adjust each source category to be as consistent with the 2005 inventory methods as possible. It's important to note that the changes in estimating methods were made step-by-step and the emissions were rerun for each change.

8.2.1 Ocean-Going Vessels Adjustment to 2001 Emission Estimates

The following steps were taken to adjust the 2001 emission estimates to be as close as possible to the methodology used in 2005 for ocean-going vessels (see Appendix F for more details).

Step 1: Started out with published 2001 baseline emissions.

Step 2: Emission estimates were adjusted to account for changes in assumptions regarding fuel switching (use of residual fuels instead of distillate fuels). For 2005, fuel correction factors were applied to only those vessels' engines (main, auxiliary, and boilers) that are known to switch fuel. For 2001, a percentage of auxiliary engines were assumed to switch from residual fuel to marine diesel oil based on information from Lloyd's. If no specific information could be found (in 2005), then it was assumed that for the 2005 inventory residual fuels were used.

Step 3: Boiler emission estimates were adjusted to account for changes in defaults by vessel types for auxiliary boiler load – for 2005, they were derived from actual boiler fuel consumption data collected from Vessel Boarding Program, while for 2001, one default value based on previously published work was used for all vessels.

Step 4: Main engine emission estimates were adjusted for the change in PM emission factor for diesel main engines when operating on residual fuels oil from 1.9 g/kW-hr (2001 value) to 1.5 g/kW-hr (2005 value).

Step 5: Auxiliary engine emission estimates were adjusted for the change in PM emission factor for diesel auxiliary engines when operating on residual fuels oil from 0.8 g/kW-hr (2001 value) to 1.5 g/kW-hr (2005 value).

Below is a list of items from the 2001 inventory that were not adjusted for the comparison with 2005:

- Anchorage activity and its associated emissions were included as they were in the 2001 report since there is no reliable data with which to normalize 2001 emissions. In 2001, not all anchorage emissions were accounted for because of limitations in the available data, especially if a vessel shifted from one anchorage to another before calling on a Port terminal. The improvement of data and the inclusion of all anchorage activity in the 2005 emission estimates resulted in slightly increased estimates of hotelling emissions (2005 anchorage hotelling PM emissions account for approximately 2% of total 2005 OGV PM emissions)
- 2001 OGV speeds were not adjusted for VSR, the assumption for that inventory was that all ships travel at sea speed between the precautionary zone and the edge of the study boundary; no adjustments were made for the 2005 comparison.

8.2.2 Harbor Craft Adjustment to 2001 Emission Estimates

The following steps were taken to adjust the 2001 emission estimates to be as close as possible to the methodology used in 2005 for harbor craft.

Step 1: Started out with 2001 activity data.

Step 2: Took out the 2001 dredges and dredging support vessels since dredging emission estimates are not included in 2005 emissions estimates and they were separated from the 2001 total commercial harbor craft emissions in the 2001 published report.

Step 3: Took out the 2001 line haul towboats emission estimates since a different method for estimating line haul activity was used in 2001 than the vessel by vessel method used to estimate 2005 emission estimates.

Step 4: The remaining 2001 harbor craft activity data were adjusted to use load factors used in 2005.

As mentioned in step 3, the 2001 adjusted values do not include line haul towboats since a combination of methods was used in 2001 including the trip method based on number of trips or moves. In 2001, the U.S. Army Corps of Engineers (USACE) provided towboat trips for the Port of Los Angeles area. The data was difficult to interpret and we now believe the interpretation and assumptions made resulted in an overestimation of the total line haul towboat activity and emission estimates apportioned to the Port. In order to do an “apples to apples” comparison of adjusted 2001 and 2005 harbor craft emissions, the 2001 line haul towboats emission estimates and 2005 ocean going tugboat emissions were left out of the comparison summarized in Table 8.6

8.2.3 Cargo Handling Equipment Adjustment to 2001 Emission Estimates

The following steps were taken to adjust the 2001 emission estimates to be as close as possible to the methodology used in 2005 for cargo handling equipment.

Step 1: Started out with 2001 activity data.

Step 2: The 2001 data were adjusted to use the load factors used in 2005.

Step 3: The 2001 data were adjusted for new deterioration rates and useful life used for 2005 emissions.

8.2.4 Rail Adjustment to 2001 Emission Estimates

Changes in locomotive emission estimates between 2001 and 2005 were mainly due to changes in activity (hours of operation, number of trains, etc.), changes in fleet average emission factors specific to the year of the inventory, and changes in the type of data used to develop the estimates.

The 2001 emissions were adjusted for one methodology change.

Step 1: Started out with published 2001 baseline emissions.

Step 2: The switching and line haul emissions that were included in 2001 for locomotives transporting cargo to off-port locations out of Port control, but not in 2005, were subtracted from the 2001 baseline emissions.

8.2.5 HDV Adjustment to 2001 Emission Estimates

The following steps were taken to adjust the 2001 emission estimates to be as close as possible to the methodology used in 2005 for HDVs.

Step 1: Started out with 2001 activity data.

Step 2: The 2001 activity data was rerun using the emission and deterioration factors of the more recent EMFAC revisions (EMFAC 2007). Between the development of the 2001 and 2005 emission estimates the ARB substantially revised the EMFAC emission factors (idle and running) and speed correction factors. Therefore, the 2001 activity data was rerun using the emission and deterioration factors of the more recent EMFAC revisions (EMFAC 2007).

- Step 3: The emission factor-adjusted 2001 estimates were multiplied by the ratio of the 2005 assumed days per year (286) to the 2001 assumed days per year (365). The on-road traffic modeling on which the estimates are based is produced on a week-day basis – to estimate annual emissions the daily estimated emissions are multiplied by the number of operating days per year. For the 2001 emissions inventory, the operating days were conservatively assumed to be 365 days per year – for 2005, this has been revised to reflect full-time (up to 24 hours) operation during weekdays and a half day (up to 12 hours) of weekend operation. This better reflects actual terminal operating conditions for most port terminals. To make the adjustment, the emission factor-adjusted 2001 estimates were multiplied by the ratio of the 2005 assumed days per year (286) to the 2001 assumed days per year (365). This had the effect of lowering the estimated 2001 emission estimates.
- Step 4: The emission estimates adjusted for EMFAC and hour-per-year differences were further adjusted to account for the increased level of detail in the traffic modeling results that were used in 2005 compared with 2001. This was done using the increase in the ratio of VMTs used in the modeling to Port TEU throughput. This assumes that traffic patterns associated with moving cargo by truck did not change substantially between 2001 and 2005.