



The Fleet Optimization Experts

[www.awtworldwide.com](http://www.awtworldwide.com)

**Applied Weather Technology**

**158 Commercial Street, Sunnyvale CA 94086 USA Tel (408)731-8600 Fax(408)731-8601**

---

## Voyage Performance Report

Company Name: LINER COMPANY

Vessel Name: CONTAINER VESSEL

Departure Port and Date: PUSAN Sep 12 2008

Arrival Port and Date: LOS ANGELES Sep 21 2008

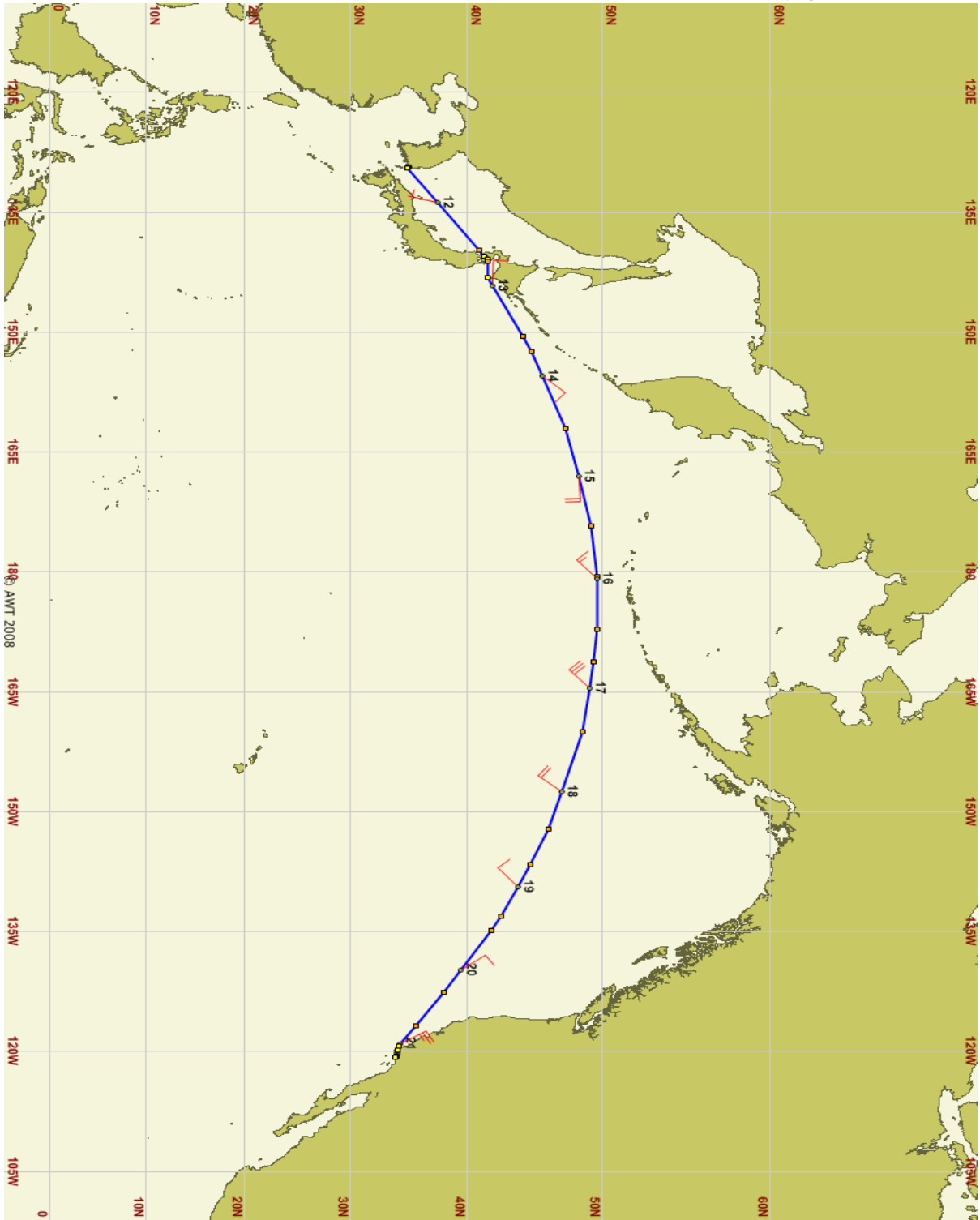
Reference Number: 080709015

Friday, November 14, 2008

# Voyage Map

CONTAINER VESSEL  
LINER COMPANY

Reference 080709015  
Laden Voyage





### Performance Evaluation

CONTAINER VESSEL

Reference 080709015

LINER COMPANY

Laden Voyage

From PUSAN ( 35.15N 129.37E )

ATD Sep 12 2008 0036Z

To LOS ANGELES ( 34.03N 119.32W )

ATA Sep 21 2008 1600Z

#### 1. Voyage Summary

	Overall
Distance Sailed	5164.7 NM
Time Enroute	231.40 hours
Average Speed	22.32 knots
Current Factor	0.10 knots
Weather Factor	-0.33 knots

#### 2. Time Analysis

Performance Speed	22.55 knots
-------------------	-------------

#### 3. Bunker Data

(Unit:MT)

From - To	Departure		Arrival		Consumed	
	IFO	MDO	IFO	MDO	IFO	MDO
PUSAN-LOS ANGELES	4936.400	164.300	3390.900	163.000	1545.500	1.300
TOTAL					1545.500	1.300

**The vessel was sailed at a speed in accordance with AWT suggested speed setting for minimum fuel consumption**



## Voyage Summary

CONTAINER VESSEL

Reference 080709015

LINER COMPANY

Laden Voyage

From PUSAN ( 35.15N 129.37E )

ATD Sep 12 2008 0036Z

To LOS ANGELES ( 34.03N 119.32W )

ATA Sep 21 2008 1600Z

	DATE	TIME UTC	AWT ANALYZED CONDITIONS						REPORTED WEATHER		INTERVAL		
			POSITION		WIND		WAVE	SWELL		DIR	BF	NM	KTS
			LAT	LON	DIR	BF	M	DIR	M				
BR	12-Sep	0036	Dep:PUSAN										
RP	13-Sep	0300	41.0N	139.8E	WSW	2	0.2	ESE	0.5	WNW	4	606.6	22.98
RP	14-Sep	0200	44.4N	150.5E	WNW	3	0.4	S	1.3	NW	4	524.4	22.80
RP	15-Sep	0100	47.5N	162.1E	NE	4	0.7	SW	1.4	NW	4	518.9	22.56
RP	16-Sep	0000	49.3N	174.3E	E	6	1.9	WSW	0.8	E	6	495.7	21.55
RP	16-Sep	2300	49.6N	172.8W	SW	6	1.4	WSW	2.1			503.5	21.89
RP	17-Sep	2200	48.7N	160.0W	WSW	6	2.5	WNW	2.5	SW	6	506.7	22.03
RP	18-Sep	2100	46.2N	147.8W	SSW	5	1.7	WNW	1.1	SSW	4	515.4	22.41
RP	19-Sep	2000	42.7N	136.9W	W	2	0.3	WNW	0.9	NW	4	512.1	22.27
RP	20-Sep	1900	38.2N	127.4W	WNW	3	0.5	WNW	1.3	NW	4	512.4	22.28
ER	21-Sep	1600	Arr:LOS ANGELES		N	3	0.3	W	0.4			469.4	22.35

Positions:**BR**-Begin Route **ER**-End Route **AP**-Arrive Middle Port **DP**-Depart Middle Port  
**SV**-Stop Voyage **RV**-Resume Voyage **RP**-Reported Position **CP**-Calculated Position  
Directions:**HD**-Head **BW**-Bow **BM**-Beam **QF**-QFollow **FL**-Follow



## Engine Summary

CONTAINER VESSEL

Reference 080709015

LINER COMPANY

Laden Voyage

From PUSAN ( 35.15N 129.37E )

ATD Sep 12 2008 0036Z

To LOS ANGELES ( 34.03N 119.32W )

ATA Sep 21 2008 1600Z

	DATE	TIME UTC	POSITION		RPM	IFO	MDO	AVG.DAILY CONS.(mt)		ANALYZED WEATHER RELATIVE TO SHIP						INTERVAL	
								IFO	MDO	WIND		WAVE		SWELL			
										DIR	BF	M	DIR	M	NM	KTS	
BR	12-Sep	0036	Dep:PUSAN			4936.4	164.3										
RP	13-Sep	0300	41.0N	139.8E		4760.4	164.3	160.0	0.0	FL	2	0.2	BW	0.5	606.6	22.98	
RP	14-Sep	0200	44.4N	150.5E		4607.3	164.3	159.8	0.0	QF	3	0.4	QF	1.3	524.4	22.80	
RP	15-Sep	0100	47.5N	162.1E		4453.3	164.3	160.7	0.0	BW	4	0.7	QF	1.4	518.9	22.56	
RP	16-Sep	0000	49.3N	174.3E		4296.0	164.3	164.1	0.0	HD	6	1.9	FL	0.8	495.7	21.55	
RP	16-Sep	2300	49.6N	172.8W		4141.8	164.3	160.9	0.0	QF	6	1.4	QF	2.1	503.5	21.89	
RP	17-Sep	2200	48.7N	160.0W		3988.1	164.3	160.4	0.0	QF	6	2.5	FL	2.5	506.7	22.03	
RP	18-Sep	2100	46.2N	147.8W		3835.3	164.3	159.4	0.0	BM	5	1.7	FL	1.1	515.4	22.41	
RP	19-Sep	2000	42.7N	136.9W		3682.5	164.3	159.4	0.0	FL	2	0.3	FL	0.9	512.1	22.27	
RP	20-Sep	1900	38.2N	127.4W		3530.0	164.3	159.1	0.0	FL	3	0.5	FL	1.3	512.4	22.28	
ER	21-Sep	1600	Arr:LOS ANGELES			3390.9	163.0	159.0	1.5	QF	3	0.3	QF	0.4	469.4	22.35	

Positions:BR-Begin Route ER-End Route AP-Arrive Middle Port DP-Depart Middle Port  
 SV-Stop Voyage RV-Resume Voyage RP-Reported Position CP-Calculated Position  
 Directions:HD-Head BW-Bow BM-Beam QF-QFollow FL-Follow



### Weather Evaluation

CONTAINER VESSEL

Reference 080709015

LINER COMPANY

Laden Voyage

From PUSAN ( 35.15N 129.37E )

ATD Sep 12 2008 0036Z

To LOS ANGELES ( 34.03N 119.32W )

ATA Sep 21 2008 1600Z

#### Wind

BF	Dir	Head	Bow	Beam	Q-follow	Follow	Total
		Hours	Hours	Hours	Hours	Hours	Hours
	<=2	0.2	6.0	5.2	12.0	12.7	36.1
	3-4	6.0	18.0	3.0	57.0	24.0	108.0
	5	6.0		18.0	5.0		29.0
	6	6.0	11.6	6.0	28.1	0.6	52.3
	7				6.0		6.0
	>=8						
Overall Voyage							231.4

#### Swell

Meter	Dir	Head	Bow	Beam	Q-follow	Follow	Total
		Hours	Hours	Hours	Hours	Hours	Hours
	<=1.5	12.0	5.8	27.8	51.6	83.2	180.4
	1.6-2.5			5.0	13.0	11.0	29.0
	2.6-3.5				6.0	16.0	22.0
	3.6-4.5						
	>=4.6						
Overall Voyage							231.4