



Voyage Performance Report

Monday, June 08, 2009

PREPARED BY

APPLIED WEATHER TECHNOLOGY

PRESENTED TO

CLIENT

VESSEL NAME

SHIP

DEPARTURE PORT AND DATE

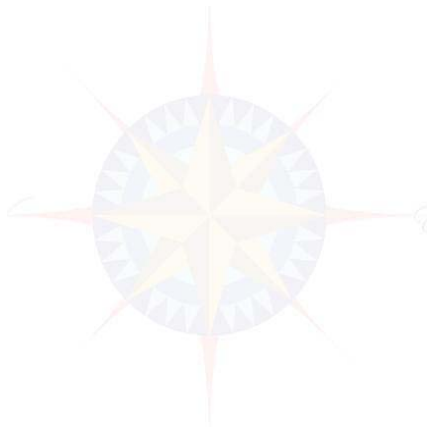
SW PASS Oct 13 2008

ARRIVAL PORT AND DATE

KALIMAKI Nov 03 2008

REFERENCE NUMBER

080826



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Voyage Map

SHIP
CLIENT

Reference 080826
Laden Voyage





Performance Evaluation

SHIP	Reference 080826
CLIENT	Laden Voyage
From SW PASS (28.68N 89.33W)	ATD Oct 13 2008 0700Z
To KALIMAKI (37.58N 23.8E)	ATA Nov 03 2008 1200Z

Voyage Summary

	Overall	Good Weather
Distance Sailed	6036.3 NM	2592.2 NM
Time Enroute	509.00 hours	215.00 hours
Average Speed	11.86 knots	12.06 knots
Current Factor	0.11 knots	0.10 knots
Weather Factor	-0.21 knots	
Performance Speed	11.96 knots	11.96 knots

Time Analysis

	Overall
Performance Speed	11.96 knots
CP Speed	About 13.00 knots
*Predicted Avg.Speed	12.40 knots
**Predicted Time	486.80 hours
Time (loss)/gain	(22.20) hours

* Predicted Avg.Speed = (CP Speed - 0.5) + (Average Speed - Performance Speed)

** Predicted Time = Actual Distance sailed / Predicted Speed

Bunker Analysis

(Unit:MT)

	IFO	MDO
Daily CP Bunkers	33.500	2.600
Predicted Bunker Consumption	679.492	52.737
Actual Bunker Consumption	654.300	54.300
Fuel (over)/under consumed	25.192	(1.563)

(Unit:MT)

From - To	Departure		Arrival		Consumed	
	IFO	MDO	IFO	MDO	IFO	MDO
SW PASS-KALIMAKI	1348.700	155.200	694.400	100.900	654.300	54.300
TOTAL					654.300	54.300



Voyage Summary

SHIP

Reference 080826

CLIENT

Laden Voyage

From SW PASS (28.68N 89.33W)

ATD Oct 13 2008 0700Z

To KALIMAKI (37.58N 23.8E)

ATA Nov 03 2008 1200Z

	DATE	TIME UTC	AWT ANALYZED CONDITIONS									REPORTED WEATHER		INTERVAL	
			POSITION		WIND		WAVE	SWELL		CURRENT		DIR	BF	NM	KTS
			LAT	LON	DIR	BF	M	DIR	M	REL.DIR	KTS				
BR	13-Oct	0700	Dep:SW PASS												
RP	13-Oct	1700	27.6N	87.9W	E	5	1.3	ENE	0.9	BW	0.8	ESE	7	102.8	10.28
RP	14-Oct	1700	24.8N	84.0W	E	5	1.9	SE	0.5	HD	0.2	ENE	8	267.7	11.15
RP	15-Oct	1700	25.5N	79.9W	ENE	4	1.0	NE	0.8	FL	1.9	NNE	7	283.1	11.80
RP	16-Oct	1600	28.4N	77.5W	NE	4	0.6	NE	1.4	FL	0.5	NE	3	242.1	10.53
RP	17-Oct	1600	30.6N	72.7W	WSW	2	0.4	NE	1.1	BM	0.5	ENE	5	283.3	11.80
RP	18-Oct	1500	32.5N	67.9W	SW	4	0.9	WNW	0.7	BM	0.3	SW	4	271.5	11.80
RP	19-Oct	1500	34.0N	62.3W	SSW	5	1.5	SE	0.8	QF	0.6	SSW	5	296.6	12.36
RP	20-Oct	1500	35.0N	56.5W	SSW	4	1.2	SSW	1.0	QF	0.4	SW	5	291.8	12.16
RP	21-Oct	1500	35.6N	50.7W	SW	4	1.2	WSW	1.8	QF	0.2	SSW	6	286.8	11.95
RP	22-Oct	1400	36.0N	45.0W	WSW	4	1.0	WNW	1.9	FL	0.7	SSW	5	276.3	12.01
RP	23-Oct	1400	36.1N	39.1W	SSW	4	1.1	WNW	2.2	FL	0.2	SW	5	288.2	12.01
RP	24-Oct	1300	36.0N	33.3W	S	5	1.8	WNW	1.9	QF	0.3	SW	5	280.5	12.20
RP	25-Oct	1300	36.0N	27.3W	S	4	1.1	NNW	1.3	BM	0.3	SSW	6	292.2	12.18
RP	26-Oct	1300	36.0N	21.5W	ENE	4	1.0	NNW	1.2	HD	0.2	ENE	6	280.7	11.70
RP	27-Oct	1200	36.0N	16.0W	NNE	5	1.5	NNW	1.7	BW	0.5	NNE	6	266.2	11.57
RP	28-Oct	1200	35.8N	10.7W	N	7	4.2	NNW	3.8	BM	0.4	N	8	260.9	10.87
RP	29-Oct	1100	35.8N	6.1W	WNW	4	1.3	WNW	0.6	QF	0.3	N	8	247.5	10.76
RP	30-Oct	1100	36.6N	0.1W	WSW	7	3.9	NNE	0.2	FL	0.4	WSW	6	296.6	12.36
RP	31-Oct	1100	37.3N	6.4E	SE	5	0.5	SSE	0.7	BM	0.1	SE	5	314.1	13.09
RP	01-Nov	1100	36.9N	12.5E	SW	4	0.9	SSW	1.2	QF	0.5	SSW	5	302.2	12.59
RP	02-Nov	1000	36.0N	18.3E	SSE	3	0.4	S	0.6	QF	0.8	E	5	285.1	12.40
RP	03-Nov	1000	37.2N	23.6E	NNE	2	0.2	WSW	0.2	QF	0.1	NNE	4	297.0	12.38
ER	03-Nov	1200	Arr:KALIMAKI		N	3	0.5	WSW	0.2	BW	0.1			23.1	11.55

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

Days highlighted are analyzed as good weather days.

Good weather days are considered those days during which over one-half of the weather encountered meets the good weather criteria.



Good Weather Voyage Summary

SHIP	Reference 080826
CLIENT	Laden Voyage
From SW PASS (28.68N 89.33W)	ATD Oct 13 2008 0700Z
To KALIMAKI (37.58N 23.8E)	ATA Nov 03 2008 1200Z

	DATE	TIME UTC	AWT ANALYZED CONDITIONS									REPORTED WEATHER		INTERVAL	
			POSITION		WIND		WAVE	SWELL		CURRENT		DIR	BF	NM	KTS
			LAT	LON	DIR	BF	M	DIR	M	REL.DIR	KTS				
RP	17-Oct	1600	30.6N	72.7W	WSW	2	0.4	NE	1.1	BM	0.5	ENE	5	283.3	11.80
RP	18-Oct	1500	32.5N	67.9W	SW	4	0.9	WNW	0.7	BM	0.3	SW	4	271.5	11.80
RP	19-Oct	1500	34.0N	62.3W	SSW	5	1.5	SE	0.8	QF	0.6	SSW	5	296.6	12.36
RP	20-Oct	1500	35.0N	56.5W	SSW	4	1.2	SSW	1.0	QF	0.4	SW	5	291.8	12.16
RP	21-Oct	1500	35.6N	50.7W	SW	4	1.2	WSW	1.8	QF	0.2	SSW	6	286.8	11.95
RP	22-Oct	1400	36.0N	45.0W	WSW	4	1.0	WNW	1.9	FL	0.7	SSW	5	276.3	12.01
RP	26-Oct	1300	36.0N	21.5W	ENE	4	1.0	NNW	1.2	HD	0.2	ENE	6	280.7	11.70
RP	02-Nov	1000	36.0N	18.3E	SSE	3	0.4	S	0.6	QF	0.8	E	5	285.1	12.40
RP	03-Nov	1000	37.2N	23.6E	NNE	2	0.2	WSW	0.2	QF	0.1	NNE	4	297.0	12.38
ER	03-Nov	1200	Arr:KALIMAKI		N	3	0.5	WSW	0.2	BW	0.1			23.1	11.55
													TOTAL	2592.2	12.06

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

Good weather days are considered those days during which over one-half of the weather encountered meets the good weather criteria.



Engine Summary

SHIP

Reference 080826

CLIENT

Laden Voyage

From SW PASS (28.68N 89.33W)

ATD Oct 13 2008 0700Z

To KALIMAKI (37.58N 23.8E)

ATA Nov 03 2008 1200Z

	DATE	TIME UTC	POSITION		IFO	MDO	AVG.DAILY CONS.(mt)		ANALYZED WEATHER RELATIVE TO SHIP								INTERVAL	
							IFO	MDO	WIND		WAVE	SWELL		CURRENT				
									DIR	BF	M	DIR	M	DIR	KTS	NM	KTS	
BR	13-Oct	0700	Dep:SW PASS		1348.7	155.2												
RP	13-Oct	1700	27.6N	87.9W	1335.8	154.1	31.0	2.6	BW	5	1.3	BW	0.9	BW	0.8	102.8	10.28	
RP	14-Oct	1700	24.8N	84.0W	1304.7	151.5	31.1	2.6	BW	5	1.9	HD	0.5	HD	0.2	267.7	11.15	
RP	15-Oct	1700	25.5N	79.9W	1273.3	148.9	31.4	2.6	BW	4	1.0	BW	0.8	FL	1.9	283.1	11.80	
RP	16-Oct	1600	28.4N	77.5W	1243.6	146.4	31.0	2.6	HD	4	0.6	HD	1.4	FL	0.5	242.1	10.53	
RP	17-Oct	1600	30.6N	72.7W	1212.3	143.8	31.3	2.6	FL	2	0.4	HD	1.1	BM	0.5	283.3	11.80	
RP	18-Oct	1500	32.5N	67.9W	1182.6	141.3	31.0	2.6	FL	4	0.9	QF	0.7	BM	0.3	271.5	11.80	
RP	19-Oct	1500	34.0N	62.3W	1150.9	138.7	31.7	2.6	QF	5	1.5	BW	0.8	QF	0.6	296.6	12.36	
RP	20-Oct	1500	35.0N	56.5W	1119.5	136.1	31.4	2.6	QF	4	1.2	QF	1.0	QF	0.4	291.8	12.16	
RP	21-Oct	1500	35.6N	50.7W	1088.2	133.5	31.3	2.6	QF	4	1.2	FL	1.8	QF	0.2	286.8	11.95	
RP	22-Oct	1400	36.0N	45.0W	1058.5	131.0	31.0	2.6	QF	4	1.0	FL	1.9	FL	0.7	276.3	12.01	
RP	23-Oct	1400	36.1N	39.1W	1027.4	128.4	31.1	2.6	BM	4	1.1	FL	2.2	FL	0.2	288.2	12.01	
RP	24-Oct	1300	36.0N	33.3W	997.7	125.9	31.0	2.6	BM	5	1.8	FL	1.9	QF	0.3	280.5	12.20	
RP	25-Oct	1300	36.0N	27.3W	966.8	123.3	30.9	2.6	BM	4	1.1	BM	1.3	BM	0.3	292.2	12.18	
RP	26-Oct	1300	36.0N	21.5W	935.6	120.8	31.2	2.5	BW	4	1.0	BM	1.2	HD	0.2	280.7	11.70	
RP	27-Oct	1200	36.0N	16.0W	906.0	118.4	30.9	2.5	BM	5	1.5	QF	1.7	BW	0.5	266.2	11.57	
RP	28-Oct	1200	35.8N	10.7W	875.4	115.9	30.6	2.5	QF	7	4.2	QF	3.8	BM	0.4	260.9	10.87	
RP	29-Oct	1100	35.8N	6.1W	847.3	113.5	29.3	2.5	QF	4	1.3	QF	0.6	QF	0.3	247.5	10.76	
RP	30-Oct	1100	36.6N	0.1W	816.2	111.0	31.1	2.5	FL	7	3.9	BW	0.2	FL	0.4	296.6	12.36	
RP	31-Oct	1100	37.3N	6.4E	785.4	108.5	30.8	2.5	BW	5	0.5	BM	0.7	BM	0.1	314.1	13.09	
RP	01-Nov	1100	36.9N	12.5E	754.7	106.0	30.7	2.5	QF	4	0.9	BM	1.2	QF	0.5	302.2	12.59	
RP	02-Nov	1000	36.0N	18.3E	725.6	103.6	30.4	2.5	BW	3	0.4	BM	0.6	QF	0.8	285.1	12.40	
RP	03-Nov	1000	37.2N	23.6E	695.5	101.1	30.1	2.5	HD	2	0.2	QF	0.2	QF	0.1	297.0	12.38	
ER	03-Nov	1200	Arr:KALIMAKI		694.4	100.9	13.2	2.4	HD	3	0.5	QF	0.2	BW	0.1	23.1	11.55	

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

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Weather Evaluation

SHIP

Reference 080826

CLIENT

Laden Voyage

From SW PASS (28.68N 89.33W)

ATD Oct 13 2008 0700Z

To KALIMAKI (37.58N 23.8E)

ATA Nov 03 2008 1200Z

Wind

BF	Dir	Head	Bow	Beam	Q-follow	Follow	Total
		Hours	Hours	Hours	Hours	Hours	Hours
<=2		10.1	14.4	1.1	2.5	8.0	36.1
3-4		24.0	39.8	41.0	118.3	24.0	247.0
5		12.7	56.5	45.7	18.2	12.0	145.2
6		10.4	6.8	17.2	12.5	5.9	52.8
7				4.2	12.4	11.5	28.0
>=8							
Overall Voyage							509.0

Swell

Meter	Dir	Head	Bow	Beam	Q-follow	Follow	Total
		Hours	Hours	Hours	Hours	Hours	Hours
<=1.5		80.1	64.7	54.1	69.9	42.5	311.3
1.6-2.5		11.2	12.0	7.2	34.2	115.6	180.0
2.6-3.5							
3.6-4.5					17.7		17.7
>=4.6							
Overall Voyage							509.0