Global Survey Solutions Ltd.

Your Reference:

BP Marine Limited

Tel:
Fax:
Email:

For the attention of:

Report no.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Cargo for	MV "Sea Voyager"
Product	IFO-380

LOADING FROM SHORE TANKS

We have pleasure in enclosing herewith, our report for the above referenced inspection.

Summary of quantities	Barge quantity	Shore quantity	Difference	%
Gross Standard Volume at 15ºC, Cu Metres	2,046.910	1,970.370	76.540	3.88%
Gross Standard Volume at 60ºF, US Barrels	12,880	12,398	482	3.89%
Gross Standard Volume at 60ºF, US Gallons	540,960	520,716	20,244	3.89%
Metric Tons (Vac)	2,030.123	1,954.213	75.910	3.88%
Metric Tons (Air)	2,027.976	1,952.144	75.832	3.88%
Long Tons	1,995.94	1,921.31	74.63	3.88%

Summary of quantities	Barge quantity	Bunker Receipt	Difference	%
Gross Standard Volume at 15ºC, Cu Metres	2,046.910	2,028.890	18.020	0.89%
Gross Standard Volume at 60ºF, US Barrels	12,880	12,766	114	0.89%
Gross Standard Volume at 60ºF, US Gallons	540,960	536,180	4,780	0.89%
Metric Tons (Vac)	2,030.123	2,012.253	17.870	0.89%
Metric Tons (Air)	2,027.976	2,010.021	17.955	0.89%
Long Tons	1,995.94	1,978.00	17.94	0.91%

Report distribution has been effected as follows:
To yourselves in original only together with our relevant invoice.

Should you have any query, or require any additional information, please contact Mr. John Cooper at our London office (telephone number +44 207 123 45 67).

Global Survey Solutions Ltd.

Report no.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

CONTENTS LISTING

Document Title	Qty
Cover Letter	One
Contents Listing	One
Receipt For Documents	One
Time Log	One
Ullage/Sounding And Quantity Report of Barge "Seagull"	One
Shore Tank Report	One
Sample Receipt	One
Sample Report	One
Letter Of Protest	One
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Global Survey Solutions Ltd.

Report no.	UK 23145
Date of report	January 8, 2005
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Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

RECEIPT FOR DOCUMENTS

To: Barge's Representative of "Barge "Seagull""

Please sign for receipt of the documents listed below:

Document Title	Qty
☑ Receipt For Documents	One
☑ Time Log	One
☑ Ullage/Sounding And Quantity Report of Barge "Seagull"	One
☐	
☑ Shore Tank Report	One
☑ Sample Receipt	One
☑ Sample Report	One
☐	
☑ Statement Of Facts	One
Total Pages:	7

Instructions regarding documents: 1 set for Vessel's own use

Surveyor:

Barge's Representative of "Barge "Seagull"":

Global Survey Solutions Ltd.

Report no.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

TIME LOG

Time	Date	Operations
09:00	January 8, 2005	Surveyor arrived at Terminal
09:30	January 8, 2005	Barge arrived alongside the dock
09:35	January 8, 2005	All fast alongside the dock
09:35	January 8, 2005	Surveyor arrived on board the barge
09:40	January 8, 2005	Surveyor commenced measurements of OBQ
09:55	January 8, 2005	Hose connected
10:20	January 8, 2005	Surveyor completed measurements
10:30	January 8, 2005	Commenced loading bunker
16:35	January 8, 2005	Completed loading bunker
16:45	January 8, 2005	Surveyor commenced measurements of on board quantity
16:45	January 8, 2005	Hose disconnected
17:25	January 8, 2005	Surveyor completed measurements
17:45	January 8, 2005	Surveyor completed calculations
17:48	January 8, 2005	Surveyor left the barge
17:50	January 8, 2005	Barge departed

Delays				Reason
From		To		

Remark: (*) - As per information received from the Master of the vessel

Sea water temperature, °C	General weather condition	Pumping time (hours)	Average pumping rate (Bbls/Hrs)
15	calm	5.00	409.38

Surveyor:

Barge's Representative of Barge " ":

Global Survey Solutions Ltd.

Report no. UK 23145
Date of report January 8, 2005
Barge Name: Barge "Seagull"
Location Brighton
Inspection date January 8, 2005
Product IFO-380

ULLAGE/SOUNDING AND QUANTITY REPORT

Before Loading from Shore tanks

Tank No.	Innage Mtrs	Corr. Innage Mtrs	T.O.V. Cu Metres	Free Water Mtrs	Free Water Cu Metres	G.O.V. Cu Metres	Density at 15ºC	Temp °C	VCF Table 54B	G.S.V., Cu Mtrs @ 15°C
1P	0.010	0.010	1.300			1.300	0.9918	15.6	0.99959	1.300
2P	0.890	0.890	89.300			89.300	0.9918	37.9	0.98435	87.900
3P	1.550	1.550	163.800			163.800	0.9918	38.8	0.98373	161.130
4P	2.410	2.410	247.100			247.100	0.9918	39.0	0.98359	243.050
5P	2.800	2.800	286.900			286.900	0.9918	38.3	0.98407	282.330
6P	0.110	0.110								
1S	0.590	0.590	60.000			60.000	0.9918	37.5	0.98462	59.080
2S	0.81	0.81	82.400			82.400	0.9918	38.4	0.98401	81.080
3S	1.630	1.630	171.600			171.600	0.9918	38.7	0.9838	168.820
4S	2.49	2.49	255.300			255.300	0.9918	38.8	0.98373	251.150
5S	2.780	2.780	285.300			285.300	0.9918	38.8	0.98373	280.660
6S	0.100	0.100	4.000			4.000	0.9918	15.6	0.99959	4.000
Totals:			1,647.000			1,647.000				1,620.500

After Loading from Shore tanks

Tank No.	Innage Mtrs	Corr. Innage Mtrs	T.O.V. Cu Metres	Free Water Mtrs	Free Water Cu Metres	G.O.V. Cu Metres	Density at 15ºC	Temp °C	VCF Table 54B	G.S.V., Cu Mtrs @ 15°C
1P	3.580	3.580	371.100			371.100	0.9918	15.6	0.99959	370.950
2P	3.550	3.550	365.300			365.300	0.9918	37.9	0.98435	359.580
3P	3.580	3.580	378.600			378.600	0.9918	38.8	0.98373	372.440
4P	3.540	3.540	363.200			363.200	0.9918	39.0	0.98359	357.240
5P	3.590	3.590	368.300			368.300	0.9918	38.3	0.98407	362.430
6P	0.110	0.110								
1S	2.820	2.820	291.900			291.900	0.9918	37.5	0.98462	287.410
2S	3.590	3.590	368.900			368.900	0.9918	38.4	0.98401	363.000
3S	3.590	3.590	379.900			379.900	0.9918	38.7	0.9838	373.750
4S	3.600	3.600	370.000			370.000	0.9918	38.8	0.98373	363.980
5S	3.610	3.610	370.600			370.600	0.9918	38.8	0.98373	364.570
6S	2.140	2.140	92.100			92.100	0.9918	15.6	0.99959	92.060
Totals:			3,719.900			3,719.900				3,667.410

Grandtotals:

VCF calculated by ASTM D 1250-2004

Gross Standard Volume at 15ºC	Cu Metres	2,046.910	Average (Pro Rata) density at 15ºC (Vac):	0.9918
Gross Standard Volume at 60ºF	US Barrels	12,880	US Gallons/US barrels: Table 1:	42
Gross Standard Volume at 60ºF	US Gallons	540,960	Average (Pro Rata) density at 15ºC (Air):	0.99075
Metric Tons	(Vac)	2,030.123	Long Tons = Metric Tons in Air * by :	0.984206
Metric Tons	(Air)	2,027.976		
Long Tons	(Air)	1,995.94		

Remarks:

	Prior: P	Prior: S	After: P	After: S
Draft Fwd:	1.1 m	1.1 m	3.1 m	3.1 m
Draft Aft:	2.4 m	2.4 m	3.1 m	3.1 m
Trim:	1.3 m	1.3 m	0.0 m	0.0 m

Surveyor:
Barge's Representative of Barge "Seagull": Paul Smith

Global Survey Solutions Ltd.

Report no.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

SHORE TANK REPORT

		Shore tank No. 100-2		Shore tank No.	
		Open	Close	Open	Close
Date	dd-mm-yy	8-Jan-05	8-Jan-05		
Time	00:00	09:20	16:35		
Gauge	Metres	2.590	0.990		
T.O.V.	Cu Metres	3,250.600	1,242.200		
Free Water Gauge	Metres				
Free Water Volume	Cu Metres				
Roof correction	Cu Metres				
Status of the line					
Line	Cu Metres				
Steel of tank / Insulated or not insulated		Mild Carbon	Insulated	Mild Carbon	Insulated
Calibration temperature	°C	15.00		15.00	
Shell correction factor		1.00092	1.00092		
Gross Observed Volume (G.O.V.)	Cu Metres	3,250.600	1,242.200		
G.O.V. corrected for shell	Cu Metres	3,253.590	1,243.340		
Density at 15ºC		0.9918	0.9918		
Observed temperature	°C	44.00	44.00		
Volume Corrected Factor (V.C.F.)	by Table 54B	0.98016	0.98016		
Gross Standard Volume, at 15ºC	Cu Metres	3,189.040	1,218.670		
Difference, GSV at 15ºC	Cu Metres	1,970.370			
Shore tank was calibrated on / by					
Gross Metric Tons	(Vac)	3,162.890	1,208.677		
Gross Metric Tons	(Air)	3,159.541	1,207.397		
Gross Standard Volume at 60ºF	US Barrels	20,066	7,668		
Gross Standard Volume at 15ºC	Cu Metres	1,970.370			
Gross Standard Volume at 60ºF	US Barrels	12,398			
Gross Metric Tons	(Vac)	1,954.213			
Gross Metric Tons	(Air)	1,952.144			

		Shore tank No.		Shore tank No.	
		Open	Close	Open	Close
Date	dd-mm-yy				
Time	00:00				
Gauge	Metres				
T.O.V.	Cu Metres				
Free Water Gauge	Metres				
Free Water Volume	Cu Metres				
Roof correction	Cu Metres				
Status of the line					
Line	Cu Metres				
Shell correction factor					
Gross Observed Volume (G.O.V.)	Cu Metres				
G.O.V. corrected for shell	Cu Metres				
Density at 15ºC					
Observed temperature	°C				
Volume Corrected Factor (V.C.F.)	by Table 54B				
Gross Standard Volume, at 15ºC	Cu Metres				
Gross Metric Tons	(Vac)				
Gross Metric Tons	(Air)				
Gross Standard Volume at 60ºF	US Barrels				
Gross Standard Volume at 15ºC	Cu Metres				
Gross Standard Volume at 60ºF	US Barrels				
Gross Metric Tons	(Vac)				
Gross Metric Tons	(Air)				

Grandtotals:

Remark: VCF calculated by ASTM D 1250-2004

Gross Standard Volume at 15ºC	Cu Metres	1,970.370	Pro rata density @15ºC (Vac):	0.9918
Gross Standard Volume at 60ºF	US Barrels	12,398	Pro rata density @15ºC (Air):	0.99075
Gross Standard Volume at 60ºF	US Gallons	520,716	US Gallons/US barrels: Table 1:	42
Gross Metric Tons	(Vac)	1,954.213	Long Tons = Metric Tons (Air) *	0.984206
Gross Metric Tons	(Air)	1,952.144		
Gross Long Tons	(Air)	1,921.31		

Surveyor:

Global Survey Solutions Ltd.

Report No.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

SAMPLE RECEIPT

Sample Source	Size	Sample description	Seal No.	Sample Distribution
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold		Chief Engineer

Date: January 8, 2005 Receipt acknowledged

Chief Engineer of MV "Sea Voyager": _____ George Johnston

Surveyor: _____ Jerry Highes

04-108-08-08

Global Survey Solutions Ltd.

Report no.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

SAMPLE REPORT

Sample Source	Size	Sample description	Seal No.	Sample Distribution
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	234156	Chief Engineer
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	234157	For Customer
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	234158	For Customer
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	234159	Retained by Surveyor

Date:

Surveyor: Jerry Highes

Global Survey Solutions Ltd.

Report no.	UK 23145
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Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

LETTER OF PROTEST

To: To Whom It May Concern

At the Port of:

Dear Sir,

On behalf of our principal(s), we hereby notify you that on the day of the following occurrence was noted:

APPARENT DISCREPANCY:

Comparison of quantities	Barge quantity	Bunker Receipt	Difference	%
Gross Standard Volume at 15ºC, Cu Metres	2,046.910	2,028.890	18.020	0.89%
Gross Standard Volume at 60ºF, US Barrels	12,880	12,766	114	0.89%
Gross Standard Volume at 60ºF, US Gallons	540,960	536,180	4,780	0.89%
Metric Tons (Vac)	2,030.123	2,012.253	17.870	0.89%
Metric Tons (Air)	2,027.976	2,010.021	17.955	0.89%
Long Tons	1,995.94	1,978.00	17.94	0.91%

Accordingly, we are holding you responsible for the loss and damage thereby sustained, as well as any consequential arising therefrom.

Will you kindly acknowledge receipt on the copy tendered and return it to us.

The signature thus obtained is for receipt only and in no way acknowledges responsibility for the incident.

Please direct any written correspondence on this matter to:

Tel:
Fax:
Email:

Very truly yours:

Date:

Signed by:

For: Surveyor

Receipt acknowledged:

Date:

Signed by:

For:

Global Survey Solutions Ltd.

Report no.	UK 23145
Date of report	January 8, 2005
Vessel	Barge "Seagull"
Location	Brighton
Inspection date	January 8, 2005
Product	IFO-380

ANALYSIS REPORT

Sample of:	IFO-380
Sample drawn:	by Surveyor
Sample description:	Dripping sample from ship's bunker manifold taken during bunkering
Received on:	January 8, 2005
Testing performed by:	Third party laboratory
On the:	January 8, 2005

Test	Units	Method	Specification	Result
Density at 15°C	kg/ltr	ISO 12185	max 0.9910	0.9918
Viscosity at 50°C	mm²/s	ISO 3104	max 380	342
Flashpoint	°C	ISO 2719	min 60	124
Pourpoint	°C	ISO 3016	max 30	25
Micro Carbon Residue	mass%	ISO 10370	max 18	3.4
Ash Content	mass%	ISO 6245	max 0.15	0.5
Water content	vol%	ISO 3733	max 0.5	0.3
Sulphur Content	mass%	ISO 14596	max 4.5	1.54
Total Sediment Potential	mass%	ISO 10307-2	max 0.10	0.06
Aluminum (Al)	mg/kg	ISO 10478	report	45
Silicon (Si)	mg/kg	ISO 10478	report	56
Sodium (Na)	mg/kg	IP 501	report	72
Vanadium (V)	mg/kg	ISO 14597	max 300	224
Nickel (Ni)	mg/kg	IP 501	report	65
Iron (Fe)	mg/kg	IP 501	report	34
Calcium (Ca)	mg/kg	IP 501	max 30	27
Zinc (Zn)	mg/kg	IP 501	max 15	61
Phosphorous (P)	mg/kg	IP 501	max 15	43
Magnesium (Mg)	mg/kg	IP 501	report	37
Lead (Pb)	mg/kg	IP 501	report	50
Net Calorific Value	MJ/kg	Calculated	report	
Net Calorific Value	kCal	Calculated	report	42380
Aluminum + Silicon	mg/kg	Calculated	max 80	52

Chemist: Brian Hughes

04-112-08-08