



Your Reference:

**Global Survey Solutions Limited**

**BP Marine Limited**

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For the attention of: George Robbins

Report no. UK 43567  
 Date of report April 27, 2005  
 Vessel Barge "Seabass-12"  
 Location Southhampton  
 Inspection date April 26, 2005  
 Cargo for MV "Royal Caribbean"  
 Product RMK-500

**SHIP-TO-SHIP TRANSFER**

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

<b>Summary of quantities</b>	Ship's quantity	Bunker Receipt	Difference	%
Gross Standard Volume at 15°C, Cu Metres	4,263.210	4,272.519	-9.309	-0.22%
Gross Standard Volume at 60°F, US Barrels	26,825	26,884	-59	-0.22%
Gross Standard Volume at 60°F, US Gallons	1,126,650	1,129,109	-2,459	-0.22%
Metric Tons (Vac)	4,216.315	4,218.830	-2.515	-0.06%
Metric Tons (Air)	4,211.837	4,214.341	-2.504	-0.06%
Long Tons	4,145.33	4,148.00	-2.67	-0.06%

<b>Summary of quantities</b>	Barge quantity	Bunker Receipt	Difference	%
Gross Standard Volume at 15°C, Cu Metres	4,272.600	4,272.519	0.081	0.00%
Gross Standard Volume at 60°F, US Barrels	26,883	26,884	-1	0.00%
Gross Standard Volume at 60°F, US Gallons	1,129,086	1,129,109	-23	0.00%
Metric Tons (Vac)	4,225.600	4,218.830	6.770	0.16%
Metric Tons (Air)	4,221.115	4,214.341	6.774	0.16%
Long Tons	4,154.45	4,148.00	6.45	0.16%

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 Smith at our London office (telephone number +44 207 123 45 67).



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## **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 43567  
Date of report April 27, 2005  
Vessel Barge "Seabass-12"  
Location Southhampton  
Inspection date April 26, 2005  
Product RMK-500

## RECEIPT FOR DOCUMENTS

To: Barge's Representative of "Barge "Seabass-12""

Please sign for receipt of the documents listed below:

Document Title	Qty
<input checked="" type="checkbox"/> Receipt For Documents	One
<input checked="" type="checkbox"/> Time Log	One
<input checked="" type="checkbox"/> Ullage/Sounding And Quantity Report of Barge "Seabass-12"	One
<input checked="" type="checkbox"/> Ullage/Sounding And Quantity Report of MV "Royal Caribbean"	One
<input checked="" type="checkbox"/>	One
<input checked="" type="checkbox"/> Sample Receipt	One
<input checked="" type="checkbox"/> Sample Report	One
<input checked="" type="checkbox"/> Letter Of Protest	One
<input type="checkbox"/>	
<b>Total Pages:</b>	<b>8</b>

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

Surveyor:

Barge's Representative of "Barge "Seabass-12"": Robert Briggs



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 Vessel Barge "Seabass-12"  
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**TIME LOG**

Time	Date	Operations
16:10	April 26, 2005	Surveyor arrived at Terminal
16:30	April 26, 2005	Vessel arrived alongside the dock
16:54	April 26, 2005	Vessel all fast alongside the dock
17:20	April 26, 2005	Surveyor arrived on board the vessel
17:35	April 26, 2005	Surveyor commenced measurements of bunker on board the vessel before bunkering
18:00	April 26, 2005	Surveyor completed measurements of bunker on board the vessel before bunkering
18:15	April 26, 2005	Barge arrived alongside the vessel
18:35	April 26, 2005	Barge all fast alongside the vessel
19:00	April 26, 2005	Gangway to the barge secured
19:20	April 26, 2005	Surveyor arrived on board the barge
19:30	April 26, 2005	Surveyor commenced measurements of ROB
01:35	April 27, 2005	Hose connected
20:00	April 27, 2005	Surveyor completed measurements
20:45	April 27, 2005	Commenced discharging bunker into the vessel
03:20	April 27, 2005	Completed discharging bunker into the vessel
03:25	April 27, 2005	Surveyor commenced measurements of on board quantity
03:35	April 27, 2005	Hose disconnected
03:55	April 27, 2005	Surveyor completed measurements
04:10	April 27, 2005	Surveyor completed calculations
04:15	April 27, 2005	Surveyor left the barge
04:20	April 27, 2005	Surveyor commenced measurements of bunker on board the vessel after bunkering
04:50	April 27, 2005	Surveyor completed measurements of bunker on board the vessel after bunkering
04:55	April 27, 2005	Barge departed
05:30	April 27, 2005	Surveyor left the vessel

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)
17	calm	6.58	649.00

Surveyor:

Chief Engineer of MV "Royal Caribbean": Robert Briggs



Report no. UK 43567  
 Date of report April 27, 2005  
 Barge Name: Barge "Seabass-12"  
 Location Southhampton  
 Inspection date April 26, 2005  
 Product RMK-500

**ULLAGE/SOUNDING AND QUANTITY REPORT**

**Before Discharge Into Mv "Royal Caribbean"**

Tank No.	Innage Mtrs	Corr. Innage Mtrs	T.O.V. Cu Metres	Free Water		G.O.V. Cu Metres	Density at 15°C	Temp °C	VCF Table 54B	G.S.V., Cu Mtrs @ 15°C
				Mtrs	Cu Metres					
1P	0.670	0.670	765.300			765.300	0.9890	57.6	0.97067	742.850
2P	0.700	0.700	706.100			706.100	0.9890	57.9	0.97046	685.240
3P	0.670	0.670	746.300			746.300	0.9890	58.4	0.97012	724.000
1S	0.690	0.690	762.500			762.500	0.9890	57.6	0.97067	740.140
2S	0.720	0.720	701.900			701.900	0.9890	57.9	0.97046	681.170
3S	0.690	0.690	744.100			744.100	0.9890	58.4	0.97012	721.870
<b>Totals:</b>			4,426.200			4,426.200				4,295.270

**After Discharge Into Mv "Royal Caribbean"**

Tank No.	Innage Mtrs	Corr. Innage Mtrs	T.O.V. Cu Metres	Free Water		G.O.V. Cu Metres	Density at 15°C	Temp °C	VCF Table 54B	G.S.V., Cu Mtrs @ 15°C
				Mtrs	Cu Metres					
1P	4.910	4.910	5.530			5.530	0.9890	15.0	1	5.530
2P	4.910	4.910	5.972			5.972	0.9890	15.0	1	5.970
3P	4.980	4.980	0.949			0.949	0.9890	15.0	1	0.950
1S	4.910	4.910	5.530			5.530	0.9890	15.0	1	5.530
2S	4.930	4.930	3.738			3.738	0.9890	15.0	1	3.740
3S	4.990	4.990	0.949			0.949	0.9890	15.0	1	0.950
<b>Totals:</b>			22.668			22.668				22.670

**Grandtotals:**

VCF calculated by ASTM D 1250-2004

Gross Standard Volume at 15°C	Cu Metres	4,272.600	Average (Pro Rata) density at 15°C (Vac):	0.9890
Gross Standard Volume at 60°F	US Barrels	26,883	US Gallons/US barrels: Table 1:	42
Gross Standard Volume at 60°F	US Gallons	1,129,086	Average (Pro Rata) density at 15°C (Air):	0.98795
Metric Tons (Vac)		4,225.600	Long Tons = Metric Tons in Air * by :	0.984206
Metric Tons (Air)		4,221.115		
Long Tons (Air)		4,154.45		

**Remarks:**

	Prior: P	Prior: S	After: P	After: S
Draft Fwd:	3.66 m	3.66 m	0.61 m	0.61 m
Draft Aft:	3.66 m	3.66 m	0.91 m	0.91 m
Trim:	0.00 m	0.00 m	0.30 m	0.30 m

Surveyor:  
 Barge's Representative of Barge "Seabass-12": Jim Barrows



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 Vessel MV "Royal Caribbean"  
 Location Southhampton  
 Inspection date April 26, 2005  
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**ULLAGE/SOUNDING AND  
 QUANTITY REPORT**

**Before Discharge From Barge "Seabass-12"**

Tank No.	Innage Mtrs	Corr. Innage Mtrs	T.O.V. Cu Metres	Free Water		G.O.V. Cu Metres	Density at 15°C	Temp °C	VCF Table 54B	G.S.V., Cu Mtrs @ 15°C
				Mtrs	Cu Metres					
LS Port	0.000	0.000								
Port 1	0.000	0.000								
Port 3	0.040	0.040	6.000			6.000	0.9890	16.4	0.99904	5.990
LS Stbd	0.000	0.000								
Stbd 2	0.020	0.020	4.000			4.000	0.9890	15.0	1	4.000
Stbd 3	0.140	0.140	13.000			13.000	0.9890	17.9	0.99802	12.970
<b>Totals:</b>			23.000			23.000				22.960

**After Discharge From Barge "Seabass-12"**

Tank No.	Innage Mtrs	Corr. Innage Mtrs	T.O.V. Cu Metres	Free Water		G.O.V. Cu Metres	Density at 15°C	Temp °C	VCF Table 54B	G.S.V., Cu Mtrs @ 15°C
				Mtrs	Cu Metres					
LS Port	4.560	4.560	198.600			198.600	0.9890	51.7	0.97476	193.590
Port 1	2.800	2.800	1,132.200			1,132.200	0.9890	49.0	0.97663	1,105.740
Port 3	2.820	2.820	877.300			877.300	0.9890	49.4	0.97635	856.550
LS Stbd	6.440	6.440	204.200			204.200	0.9890	51.7	0.97476	199.050
Stbd 2	2.890	2.890	1,127.400			1,127.400	0.9890	49.2	0.97649	1,100.890
Stbd 3	3.120	3.120	850.400			850.400	0.9890	49.3	0.97642	830.350
<b>Totals:</b>			4,390.100			4,390.100				4,286.170

**Grandtotals:**

Gross Standard Volume at 15°C	Cu Metres	4,263.210	Average (Pro Rata) density at 15°C (Vac):	0.9890
Gross Standard Volume at 60°F	US Barrels	26,825	US Gallons/US barrels: Table 1:	42
Gross Standard Volume at 60°F	US Gallons	1,126,650	Average (Pro Rata) density at 15°C (Air):	0.98795
Metric Tons	(Vac)	4,216.315	Long Tons = Metric Tons in Air * by :	0.984206
Metric Tons	(Air)	4,211.837		
Long Tons	(Air)	4,145.33		

**Remarks:**

	Prior: P	Prior: S	After: P	After: S
Draft Fwd:	9.43 m	9.43 m	9.43 m	9.43 m
Draft Aft:	10.73 m	10.73 m	11.65 m	11.65 m
Trim:	1.30 m	1.30 m	2.22 m	2.22 m

Surveyor:  
 Chief Officer of MV "Royal Caribbean": Robert Briggs





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**SAMPLE REPORT**

Sample Source	Size	Sample description	Seal No.	Sample Distribution
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	3245123	Chief Engineer
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	3245124	For Customer
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	3245125	For Customer
Ship's manifold	1 Ltr.	Dripping sample from ship's manifold	3245126	Retained by Surveyor

Date:

Surveyor: John Gray





Report no. UK 43567  
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 Vessel Barge "Seabass-12"  
 Location Southampton  
 Inspection date April 26, 2005  
 Product RMK-500

**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:**

<b>Comparison of quantities</b>	<b>Barge quantity</b>	<b>Bunker Receipt</b>	<b>Difference</b>	<b>%</b>
Gross Standard Volume at 15°C, Cu Metres	4,272.600	4,272.519	0.081	0.00%
Gross Standard Volume at 60°F, US Barrels	26,883	26,884	-1	0.00%
Gross Standard Volume at 60°F, US Gallons	1,129,086	1,129,109	-23	0.00%
Metric Tons (Vac)	4,225.600	4,218.830	6.770	0.16%
Metric Tons (Air)	4,221.115	4,214.341	6.774	0.16%
Long Tons	4,154.45	4,148.00	6.45	0.16%

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:

Global Survey Solutions Limited

Tel: + 44 207 123 45 67  
 Fax: +44 207 123 45 68  
 Email: info\_gss@zoho.com

Very truly yours:

Date: April 27, 2005

Signed by: John Gray

For: Surveyor

Receipt acknowledged:

Date:

Signed by:

For:



Report no. UK 43567  
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 Location Southampton  
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 Product RMK-500

**ANALYSIS REPORT**

Sample of: RMK-500  
 Sample drawn: by Surveyor  
 Sample description: Dripping sample from ship's bunker manifold  
 taken during bunkering  
 Received on: April 27, 2005  
 Testing performed by: Third party laboratory  
 On the: April 27, 2005

Test	Units	Method	Specification	Result
Density at 15°C	kg/ltr	ISO 12185	max 1.0100	0.989
Viscosity at 50°C	mm <sup>2</sup> /s	ISO 3104	max 500	485
CCAI			max 870	774
Flashpoint	°C	ISO 2719	min 60	126
Pourpoint	°C	ISO 3016	max 30	24
Micro Carbon Residue	mass%	ISO 10370	max 20	6.7
Ash Content	mass%	ISO 6245	max 0.15	0.12
Total Sediment Potential	mass%	ISO 10307-2	max 0.10	0.06
Water content	vol%	ISO 3733	max 0.5	0.2
Sulphur Content	mass%	ISO 14596	report	2.2
Hydrogen Sulphide	mass%		max 2.0	0.6
Vanadium (V)	mg/kg	ISO 14597	max 450	320
Sodium (Na)	mg/kg	IP 501	max 100	87
Aluminum (Al)	mg/kg	ISO 10478	report	27
Silicon (Si)	mg/kg	ISO 10478	report	25
Aluminum + Silicon	mg/kg	Calculated	max 60	52
Zinc (Zn)	mg/kg	IP 501	max 15	12
Phosphorous (P)	mg/kg	IP 501	max 15	11
Calcium (Ca)	mg/kg	IP 501	max 30	23
Acid Number	mg KOH/g		max 2.5	1.8

Chemist:

04-112-08-08