

MAY-16-2003 10:49 FROM ITS CALEB BRETT

TO 15166814905

P.03/07

ITS Intertek Testing Services

Caleb Brett

R.O.B. REPORT

Vessel : B-10
 Port/Terminal : MIRANT CANAL LLC SANDWICH, MA.
 Prod/Cargo : OIL NO. 6 FUEL OIL
 Your Ref :
 Our Ref : 806/99-930491
 Date : 05/03/2003

Tank no.	Innage	Type	T.O.V. Barrels	Free water Innage	Volume Barrels	G.O.V. Barrels	Temp Fahr
1P	20' 5-1/4"	None Found	0.00		0.00		
2P	19' 9-1/2"	Non-liquid	56.69		0.00	56.69	0.0
3P	12' 3"	None Found	0.00		0.00		
4P	19' 8-1/2"	Non-liquid	75.10		0.00	75.10	0.0
5P	20' 0"	None Found	0.00		0.00		
1R	20' 6"	None Found	0.00		0.00		
2S	19' 10"	Non-liquid	47.73		0.00	47.73	0.0
3S	20' 0-1/8"	None Found	0.00		0.00		
4S	19' 8"	Non-liquid	83.79		0.00	83.79	0.0
5S	9' 3"	None Found	0.00		0.00		

Note: 1 Fuel and 5 std for reference only.

Total Observed Volume (T.O.V.)	Barrels	Forward Draft: 3-0	Aft Draft: 5-6
Tank Free Water	263.31	List:	
Gross Observed Volume (G.O.V.)	0.00	Bellman Tanks used:	
Total Liquid Barrels	263.31	Tank no.:	
Total Non-Liquid Barrels	0.00	Innages taken at Designated Gauge Points	
	263.31	Located:	Samples were not taken

Bellmaning took place at:

Stripped Dropped Tank no.

Top Lines:
 Bottom Lines:
 Hoses/arm:

Additional oil found: TOV able

Ballast	Void	Coffer	Duct	Others
Tanks	Spaces	dams	Keels	
NA	NA	NA	NA	

Sea Valve Seal No's:
 PORT: STHD:

OVERBD:

for Intertek Testing Services



APPENDIX K-1



Intertek Testing Services

Caleb Brett

VESSELS ULLAGE REPORT

□ TO □ FROM Vess

LOAD ☐ BEFORE ☐ AFTER ☐
DISCHARGE ☒ ☐ ☐
LIGHTERING ☐ ☐ ☐

SEA VALVE SEAL NO.
PORT
STR.

VESSEL	PORT	CUSTOMER	PRODUCT DESCRIPTION	VOYAGE NO.	DATE
B-10	ESCAP SANDWICH	ALFA		36	5

TIME	ULLAGE	TEMPERATURE	TOY	FREE WATER	G.O.V.	APPROX.	DENSITY	VOF
FLAME	FLAME	FLAME	FLAME	FLAME	FLAME	FLAME	FLAME	FLAME
1P	20-5 3/4		0					
2P	13-6 1/2		1536.77	NOT FOUND		75.1	9.2	992
3P	12-3		1844.06	*				
4P	11-10 1/4		1945.42			85.2	9.2	990
5P	20-0		0					
1S	20-6							
2S	13-7		1523.99			79.2	9.2	992
3S	20-0 1/2		0					
4S	11-9 1/2		1960.52			85.1	9.2	990
5S	9-4 1/2		1690.99	*				
3P+5S	STOPS	0.1+10P+14MIX	NOT EXCESS ONLY	DOT 100% WAX IN CAP.				

DRAFT FORWARD	FT/IN	7-0	5 8-10	LIST	DEGREES	82.2	D/S
CAPACITY OF VESSELS LINES	(BBS/M ³)	WATER FINDING METHOD (PASTE) USED:					

TOTAL OBSERVED VOLUME (T.C.V.)	6966.70	API TABLE (W.C.F.)	15704	SIGNATURES	Don Ramon
FREE WATER	-	LONG TONS METRIC TONS (G.S.V.)	1084934/1103367	VESSEL REPRESENTATIVE	
GROSS OBSERVED VOLUME (G.O.V.)	6966.70	TOTAL CALCULATED VOLUME (T.C.V.)	6908.67	PORT REPRESENTATIVE	
GROSS STANDARD VOLUME (G.S.V.)	6908.65	LESS ROBOBOQ	263.31	INSPECTOR	
TOTAL CALCULATED VOLUME		QUANTITY: LOADED DISCHARGED	6645.34		

APPENDIX K 2



Intertek Testing Services
Caleb Brett

YOUR REFERENCE

OUR REFERENCE

R.O.B./O.B.Q. REPORT

VESSEL B-10		CUSTOMER PRODUCT DESCRIPTION HCF		PORT / TERMINAL ESCO, SPAIN		DATE 5-3-03	
SEE ATTACHED WEDGE CALCULATION IF APPLICABLE							
1	P	20-5 3/4		0			
2	P	19-9 1/2		56.69			
3	P	12-3	*	19,44.06			
4	P	19-8 1/2		75.10			
5	P	20-0					
1	S	20-6		0			
2	S	19-10		47.73			
3	S	20-0 1/8					
4	S	19-8		83.79			
5	S	9-3	*	11,10.97			
				263.31			
STOPS - R.A. FOR ARRIVAL ONLY - SEE ARRIVAL VESSEL REPORT							
263.31		☐ OBO (Arrival) ☒ ROB (Destination)		FWD DRAFT 3-0		ART DRAFT 5-6	
BALLAST TANKS USED THIS VOYAGE				TANK NO.			

APPENDIX **K 3**

ORGANIZED 1903

CADDELL DRY DOCK AND REPAIR CO., INC.

SIX DRY DOCKS AND SHIPYARDS

1800 TO 7000 TONS CAPACITY

SAW MILL, MACHINE, BOILER, ELECTRIC
& BLACKSMITH SHOP
ACETYLENE AND
ELECTRIC WELDING
SANDBLASTING & COATINGS



JOHN B. CADDELL II
CHAIRMAN AND C.E.O.
STEVEN P. KALIL
PRESIDENT

FOOT OF BROADWAY, WEST NEW BRIGHTON

P.O. BOX 327 · STATEN ISLAND, N.Y. 10310

TEL. 718-442-2112 · FAX 718-981-7498

May 23, 2003

Stan Chelluck
Bouchard Transportation Corp.
Hicksville, N. Y.

via fax

Dear Stan;

As accurately as we can tell, Caddell has received 3593 Bbls. of oil from the T/B B.NO.10 and 3515 Bbls. of oil from the T/B NO.120 for a total of 7108 Bbls.

The figures for the B.NO.10 were gauged from our barge JAY BEE VI, and the B.NO. 120's figures are based on gaugings taken directly from the barge and confirmed by Caddells before the cleaning operation commenced. Attached please find the B.NO.120's gauging report.

Please call me if you need anything further.

Regards,

Steve Kalil

APPENDIX L



Intertek Testing Services

Caleb Brett

ULLAGE REPORT

Vessel : B - 120
 Port : CADELL YARD
 Customer Product Description : 0.00
 Client : BOUCHARD
 Date : MAY 28, 2003
 Report # : 03 - 001920 - NYHB

Tank No.	Ullage ft / inch	Barrels T.O.V.	Water Gauge	Water Qty	Barrels G.O.V.	Liquid °F	V.C.F. T-6-B	Barrels @ 60°F
2S	0'-1 1/4"	47.88	0'-0 1/4"	29.02	18.86	60.0	1.0000	18.86

APPENDIX M

Totals: 47.88 29.02 18.86

Draft	Fore: 4'-0"	Barrels @ 60°F	18.86
	Aft: 5'-6"	U.S. Gals @ 60°F	792
	List: NIL	Long Tons X 2240	6,505
	Seals: NONE	Tbl 11: Bbls @ 60°F X 0.15398	Long Tons
	NONE	Long Tons X 1.01605	Metric Tons
	NONE	Bbls @ 60°F X 0.1589873	m³ @ 60°F
	For API of: 12.0	Table 52: Bbls @ 60°F / 6.292	m³ @ 15°C

ITS ULL 10/01

For Vessel: _____

For ITS:



Intertek Testing Services

Caleb Brett

ULLAGE REPORT

Vessel : JAY BEE VI
 Port : CADELL YARD
 Customer Product Description : NO. - 6 FUEL OIL
 Client : BOUCHARD
 Date : MAY 28, 2003
 Report # : 03 - 001920 - NYHB

Tank No.	INNAGE ft / inch	U.S. Gals T.O.V.	Water Gauge	Water Qty.	U.S. Gals G.O.V.	Liquid °F	V.C.F. T-6-B	U.S. Gals @ 60°F
2P	12'-3 3/8"	54,731	TRACE	0	54,731	60.0	1.0000	54,731
2S	13'-0 5/8"	58,197	0	0	58,197	60.0	1.0000	58,197
3P	13'-4 3/4"	59,629	0	0	59,629	60.0	1.0000	59,629
3S	12'-5 1/2"	55,410	0'-2"	382	55,028	60.0	1.0000	55,028
4P	7'-9 3/4"	34,691	0	0	34,691	60.0	1.0000	34,691
4S	12'-4 3/4"	55,328	7'-6 5/8"	33,518	21,810	60.0	1.0000	21,810
5S	2'-3 1/2"	9,814	0	0	9,814	60.0	1.0000	9,814

APPENDIX **N**

Totals:	327,800	33,900	293,900		
Draft	Fore: 10'-0"			U.S. Gals ÷ 42	Barrels @ 60°F 6,997.62
	Aft: 10'-0"			U.S. Gals @ 60°F	293,900
	List: NIL			Long Tons X 2240	Pounds 2,413,587
	Seals: NONE			Tbl 11: Bbls @ 60°F X 0.15398	Long Tons 1,077.494
	NONE			Long Tons X 1.01605	Metric Tons 1,094.788
	NONE			Bbls @ 60°F X 0.1589873	m³ @ 60°F 1,112.533
	For API of: 12.0			Table 52: Bbls @ 60°F / 6.292	m³ @ 15°C 1,112.146

For Vessel: _____

For ITS: _____

SHORE TANK REPORT

Vessel: SMP & GAUGE JET BEE IV & SI
Port: CADELL YARD
Customer Product Description: NO. 6 FUEL OIL
Client: BOUCHARD
Date: MAY 28, 2003
Report #: 03 - 001920 -

APPENDIX

Tank No.	Gauge Fv/in	U.S. Gals T.O.V.	Water Gauge	Water Qty	Tank Insul.	Table °F	Amb. °F	Shell °F	Shell Factor	U.S. Gals	Roof Qty	U.S. Gals G.O.V.	Liquid °F	API @ 60°F	V.C.F. T-6-B	U.S. Gals @ 60°F
1	22'-1 1/2"	14,758	0'-6"	334	Y	60.0	0.0	220.0	1.00198	14,453	0	14,453	220.0	12.0	0.9380	13,557
1	0'-0"	0	0	0	Y	60.0	0.0	60.0	1.00000	0	0	0	60.0		0.0000	0
		14,758		334						14,453						13,557
2	16'-2 1/4"	10,812	1'-11 3/4"	653	Y	60.0	0.0	200.0	1.00174	10,177	0	10,177	200.0	12.0	0.9459	9,626
2	0'-0"	0	0	0	Y	60.0	0.0	60.0	1.00000	0	0	0	60.0		0.0000	0
	(Hot WATER)	10,812		653						10,177						9,626
3	23'-11 3/4"	115,313	6'-9 3/4"	34,063	Y	60.0	0.0	75.0	1.00019	81,265	0	81,265	75.0	12.0	0.9943	80,802
3	0'-0"	0	0	0	Y	60.0	0.0	60.0	1.00000	0	0	0	60.0		0.0000	0
		115,313		34,063						81,265						80,802

VOLUME CORRECTION BASED ON:	T-6-B ASTM	U.S. Gals @ 62 Barrels	U.S. Gals @ 60°F	2,475.83
PIPELINE BEFORE FULL OF EERG		Long Tons X 2240 Pounds	U.S. Gals @ 60°F	103,985
PIPELINE AFTER FULL OF EERG		TM 11: Bbls @ 60°F X 0.16804 Long Tons		931,925
		Long Tons X 1.01605 Metric Tons		416,038
		Long Tons X 1.12 Short Tons		422,715
ITS SMO 1001	For API @ 60°F:	0.0	Table 52: Bbls @ 60°F / 6.292 m³	465,963
			@ 15°C	393,489

Shore Rep: _____

For ITS: Shore Rep

ITS Caleb Brett
333 Dalziel Road
Linden NJ 07036
Ph: (908) 862-0130
Fax: (908) 862-0240

Interim Laboratory Report No. 2003-001920-NYHB

Page 1

APPENDIX P1CUSTOMER: BouchardREFERENCE:PURCHASE ORDER:VESSEL NAME: SMP & GAUGE JEY BEE IV & SITERMINAL NAME: Caddell YardSAMPLE DETAILS:

TK 1 RUNNING

Sample(s) taken on

Sample(s) received on 5/28/2003 12:39:12PM

SUBMITTED BY:CUSTOMER PRODUCT DESCRIPTION

TK 1 RUNNING NO. 6 FUEL OIL
TK 2 SPIGOT NO. 6 FUEL OIL
TK 3 RUNNING NO. 6 FUEL OIL
SH BARGE 2P NO. 6 FUEL OIL
SH BARGE 3P NO. 6 FUEL OIL
SH BARGE 4P NO. 6 FUEL OIL
SH BARGE 2S NO. 6 FUEL OIL
SH BARGE 3S NO. 6 FUEL OIL
SH BARGE 4S NO. 6 FUEL OIL
SH BARGE 5S NO. 6 FUEL OIL

SAMPLE ID

2003-001920-NYHB-001
2003-001920-NYHB-002
2003-001920-NYHB-004
2003-001920-NYHB-005
2003-001920-NYHB-006
2003-001920-NYHB-007
2003-001920-NYHB-008
2003-001920-NYHB-009
2003-001920-NYHB-010
2003-001920-NYHB-011

RESULTS:

Sample ID : 2003-001920-NYHB-001			
Customer Product Description : TK 1 RUNNING NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	69.50	Vol %

Sample ID : 2003-001920-NYHB-002			
Customer Product Description : TK 2 SPIGOT NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	30.00	Vol %

Sample ID : 2003-001920-NYHB-004			
Customer Product Description : TK 3 RUNNING NO. 6 FUEL OIL			
Method	Test	Result	Units

APPENDIX P2

2003-001920-NYHB

Interim Report

Page 2

Sample ID : 2003-001920-NYHB-004			
Customer Product Description : TK 3 RUNNING NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	55.00	Vol %

Sample ID : 2003-001920-NYHB-005			
Customer Product Description : SH BARGE 2P NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	14.00	Vol %

Sample ID : 2003-001920-NYHB-006			
Customer Product Description : SH BARGE 3P NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	22.00	Vol %

Sample ID : 2003-001920-NYHB-007			
Customer Product Description : SH BARGE 4P NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	30.00	Vol %

Sample ID : 2003-001920-NYHB-008			
Customer Product Description : SH BARGE 2S NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	15.00	Vol %

Sample ID : 2003-001920-NYHB-009			
Customer Product Description : SH BARGE 3S NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	26.00	Vol %

APPENDIX **P3**

2003-001920-NYHB

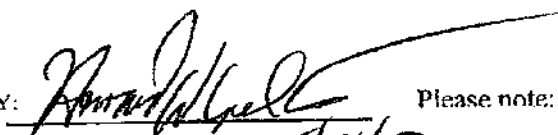
Interim Report

Page 3

Sample ID : 2003-001920-NYHB-010 Customer Product Description : SH BARGE 4S NO. 6 FUEL OIL			
Method	Test	Result	Units
D1796	Sediment and Water	40.00	Vol %

Sample ID : 2003-001920-NYHB-011 Customer Product Description : SH BARGE 5S NO. 6 FUEL OIL			
Method	Test	Result	Units
D95	Water	6.50	Vol %

REPORTED BY:


5/28/03

Please note:

These results are subject to confirmation
on completion of the final report

Appendix Q Calculation for quantity of oil found at Caddell on May 28, 2003

Received at Cadells	GOV gallons	Temp	VCFT 6B API 12.0	GSV Gallons	S&W gallons water	NSV gallons	galls to bbls
JAYBEE VI 2 port	54731	70.7	0.9958	54501	7630	46871	
2 stbd	58197	84.5	0.9906	57650	8647	49002	
3 port	59629	74.5	0.9945	59301	13046	46255	
3 stbd	55028	77.0	0.9935	54670	14214	40456	
4 port	34691	66.9	0.9962	34559	10368	24191	
4 stbd	21810	58.8	1.0008	21827	8731	13096	
5 stbd	9814	65.2	0.9981	9795	637	9159	bbls
					Total	229031	42
							5453.11
GSV							
	gallons	gallons		S&W	water	NSV gallons	
Slop tank 1 *	13557			69.50%	9483	4074	
Slop tank 2 *	9626			30.00%	2888	6738	
Hot water tank *	80802			55.00%	44441	36361	
				Total	47173		42
							1123.17
ROB 2 stbd B 120	792	60	1.0000	50.00%	396	396	42
							9.43

Total bbls measured at Cadells by

ITS/Caleb Brett and IMC on 5/28/03

Minus quantity said to be in Jaybee VI 2 stbd as OBQ

Minus thermal oil slopped from B 120's heating coil system

Total oil recovered from B 120 and B 10

6585.71

-53.29

-54.76

6477.66

bbls = abbreviation for barrels of 42 US gallons

* shore tanks - calibration tables not available

volumes based on Caddell estimate of gallons per foot

** B 120 small quantity of oil in tank sample not analysed S&W was estimated as 50%

David Hall, Independent Maritime Consulting Ltd.

5-Jun-03

FROM

(MON) 5.19.03 14:48/ST. 14:47/NO. 4860020460 P

metric tons
Short Tons
API Gravity at 60F

13,000.00
14,422.22
9.2

APPENDIX R1

3rd Location

B-10 Mirant Sandwich, Ma.

Barge Arrival Net U.S. Barrels	6,908.65
Barge ROB Net U.S. Barrels	263.31
Barge Delivered Net U.S. Barrels	6,645.34
Volumetric Avg. Temp.	82.2

Note: 3 Port and 5 Stbd compartments had slop oil and water mixture.

Shore Receipt Net U.S. Barrels	6,241.40
Net U.S. Gallons	262,139
Long Tons	980.15
Metric Tons	995.88
Short Tons	1,097.77
API Gravity at 60F	9.2

Total Arrival Net U.S. Barrels	93,624.26
Total ROB Net U.S. Barrels	<u>3,777.93</u>
Total Delivered Net U.S. Barrels	89,846.33

Shore Receipts

B-120	81,998.06
B-10	<u>6,241.40</u>
Total Shore Receipt	88,239.46

Comparison

Barge	89,846.33
Shore	<u>88,239.46</u>
Difference	1,606.87
%	1.79

Regards,

Lisa Rossetti
ITS Caleb Brett
Boston

FROM

(MON) 5.19'03 14:47/ST.14:47/NO. 4860020460 P


Intertek Testing Services
 Caleb Brett

 Chelsea MA 02150
 Phone 617-884-8993
 Fax 617-884-5412

 JOB # 99930351
 99930366
 99930391

Date 5/6/2003

APPENDIX Ref R

To: VITOL

Tony Lauer C/O L. Laidlaw

 Vessel: B-120 and B-10
 Move: Lightering/Discharge
 Date: 4/28-5/3/03
 Terminal/Location: Buzzards Bay Anchorage
 Mirant Sandwich, Ma.

Product: No. 6 Fuel Oil

1st Location

Buzzards Bay Anchorage

Before Lightering Net U.S. Barrels	101,210.00	TOV
Free Water	5,056.52	
Gross After Water	96,153.48	GOV
Total Net Lightered Net U.S. Barrels	93,624.26	GSV

Water

1 Stbd Net U.S. Barrels	1,580.71
2 Stbd Net U.S. Barrels	<u>3,475.81</u>
Total Water	5,056.52

Volumetric Avg. Temp.	130
API Gravity at 60F	9.2

2nd Location

B-120 Mirant Sandwich, Ma.

Barge Arrival Net U.S. Barrels	95,026.63
Barge ROB Net U.S. Barrels	3,514.62
Barge Delivered Net U.S. Barrels	91,512.01

Water

2 Stbd Net U.S. Barrels	9,207.83
-------------------------	----------

Shore Receipt Net U.S. Barrels	81,998.06
Net U.S. Gallons	3,443,919
Long Tons	12,876.98