

# INSPECTION REPORT

Pressure Vessel Survey			
<b>Location:</b>	Point Tupper	<b>EM&amp;I J Report No.:</b>	PT-D2005-090315-BR-R1
<b>Client Name:</b>		<b>Client Ref No.:</b>	PT-11573607-001-D2005
<b>Client Rep.:</b>		<b>Inspector Name:</b>	Barry Ritchie
<b>WO No.:</b>		<b>Inspection Date:</b>	March 15, 2009
<b>SPO No.:</b>		<b>System:</b>	Propane + Liquids
<b>Workscope No.:</b>	PT-2008-VESSEL-EXT-02	<b>EM&amp;I J Job No:</b>	EMJ0132.33
<b>Tag No.:</b>	D-2005	<b>Equipment Description:</b>	Depronanizer Feed Drum D-2005
<b>Date of Last Inspection:</b>	NA	<b>Previous Records Seen:</b>	NA
<b>Drawing No.:</b>	LA-B22-F-22-8005-01-Z5, 98-CA-399735-1A, 98-CA-399735-4B-0		

Inspection Summary					
Item	Condition				Comments
<b>External Ladders, Access and Support Structure</b>	Good	Fair	Poor	NA	
1. If applicable, check ladders, stairways, platforms and walkways that are connected to, or bearing on the vessel for signs of corrosion, missing components, or deterioration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	As per report D2008
2. If applicable, check vessel supports for signs of deterioration, settlement, deflection, and/or corrosion.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Four areas of coating breakdown on bolt connections for continuous deluge break wire (see Photo #3)
3. If applicable, check coatings for signs of deterioration, rusts spots, cracks, blistering, and/or coating disbondment.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. a) For horizontally mounted vessels, check for signs of trapped moisture, resulting in corrosion between cradle support and vessel shell.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) For vertically mounted vessels on skirt support or support legs, check for condensation, resulting in corrosion on the bottom cap/ inside skirt support surface or area of attachment of the support legs to the bottom cap.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Check the grounding connection is correctly installed, with cable connections tight and ground wires in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photos #5 & 6
6. Check all bolted connections for any signs of corrosion or mechanical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. If applicable, check the vessel sliding foot free to move and hold-down bolts are free.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Vessel External Surfaces</b>	Good	Fair	Poor	NA	
1. Check permanent identifying tags on vessel are legible and present the required information.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photos #15,16,17, 18
2. If applicable, check that all bolts/studs extend fully through their nuts, having a protrusion beyond the nut of not less than one thread; flange bolts have bolt heads all on the side of the joint.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. If applicable, check bolted connections are in full contact with connected elements and connections for any signs of rust, corrosion or mechanical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. If applicable, check insulation support bands and clips for signs of corrosion or breakage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Check all welded seams and connections for any signs of deterioration, corrosion, cracking, pitting or other sign of failure. Specify.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6) If applicable, check insulation type, condition for any insulation damage and ingress of water. Record insulation type.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Carry out visual inspection of the exterior surface of the vessel, including coatings for any signs of leaks, cracks, deformation, distortion, pitting, corrosion or other forms of deterioration. If so, specify type, location and extent.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photos #7-14
8. If applicable, check weep holes in reinforcement plates are not plugged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>External Piping / Instrument Attachments</b>	Good	Fair	Poor	NA	
1. If applicable, check vessel trim, such as gauges, sight glasses, valves and other appurtenances, show signs of deterioration, or missing components, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. If applicable, check if the PSV on the vessel is in calibration. Record tag number of PSV and calibration date.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photo #30

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Inspection Summary					
Item	Condition				Comments
3. Inspect fittings, nozzles and other connections, including the surrounding vessel shell / head for any signs of distortion or cracks, wall loss, leakage, deterioration of coatings, etc. Specify extent and location.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Vessel Internal Surfaces</b>	Good	Fair	Poor	NA	<b>External Only</b>
1. Check for signs of corrosion, erosion, cracks, blisters, pitting, distortion, or other forms of deterioration on the internal vessel surfaces. If any, specify type, location and extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Check all welded joints for any signs of deterioration, corrosion, cracking, pitting or other sign of failure. Specify.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Check all man-ways, nozzles and connections for distortion, cracks, corrosion, wall loss and other type of defects or failures. If any defects are noted, specify type, extent and location.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. If applicable, compare the results of performed wall thickness survey with previous reports for areas of wall thickness loss. Identify areas on inspection report.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Where applicable, check vessel internal cladding for signs of bulging, buckling, cracks, holes, etc. If any, specify type, location and extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Where applicable, check the vessel internal coating for signs of deterioration, such as: rust spots, blisters, coating disbandment, etc. If any, specify type, location and extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. If possible, check gasket seals on all flanges for signs of corrosion and/or mechanical damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<b>Internal Equipment/Piping /Supports</b>	Good	Fair	Poor	NA	
1. Where applicable, check supports for vessel's internal equipment and components for signs of corrosion, distortion and deterioration.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. If applicable, check vessel's internals for signs of corrosion, distortion and deterioration, missing components etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. If applicable, check if bolted connections are in full contact with connected elements and connections are free from rust or other deleterious material that may prohibit full contact.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

## Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings

UT thickness readings were taken on areas where coating breakdown was noted. No areas of concern

### ID Tag:

**Certified By:** Trenergy Inc  
**MAWP:** 250/-9 PSIG @ 149F  
**MDMT:** -16.6F @ 250/-9 PSIG  
**Serial No.:** 066  
**Year Built:** 1999  
**CRN:** 9093.8

**MAWP:** 1724/-62 KPAG @ 65C  
**MDMT:** -27C @ 1724/-62 KPAG  
**Serial No.:** 066  
**Year Built:** 1999  
**CRN:** 9093.8

### PSV Tag:

**L&S Job:** 09-16511-17  
**Date:** January 23, 2009  
**Set Pressure:** 1723 KPA  
**Capacity:** 18649 SCFM  
**Model:** JPVM 15A

**Detail of Findings**

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 1 – North face of North vessel support, coating breakdown on flange connection to concrete, also coating breakdown on and around bolt connections for deluge continuous loop breaker



Photo 2 – South face of North vessel support, coating breakdown only on lower flange connection to concrete



Photo 3 – South face of South vessel support, in good condition. Coating breakdown only on lower flange



Photo 4 – North face of South vessel support, coating breakdown on lower flange and on edges of vertical stiffeners

# INSPECTION REPORT

## Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 5 – Showing Earthing strap



Photo 6 – Showing Earthing strap



Photo 7 – General condition of paint coating, photo of the East side shell, taken facing North. Small isolated patches of coating coating breakdown along upper section of sidewall, largest patch measuring approx 150mm x 150mm



Photo 8 –General condition of paint coating, photo of the East side shell, taken facing North. Small isolated patches of coating coating breakdown along upper section of sidewall, largest patch measuring approx 150mm x 150mm



**Detail of Findings**

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 9 – General condition of paint coating, photo of the East side shell, taken facing North. Small isolated patches of coating breakdown along upper section of sidewall, largest patch measuring approx 150mm x 150mm



Photo 10 – General condition of paint coating, photo of the East side shell, taken facing North. Small isolated patches of coating breakdown along upper section of sidewall, largest patch measuring approx 150mm x 150mm



Photo 11 – North dome end, one isolated patch of coating breakdown, slight corrosion evident, and water staining coming from vessel walkway support



Photo 12 – West side of dome facing South, small isolated patches of coating breakdown on upper South end (see Photo 14)

**Detail of Findings**

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 13 – West side of dome facing South, small isolated patches of coating breakdown on upper South end (see Photo 14)



Photo 14 – West side of dome facing South, small isolated patches of coating breakdown on upper South end



Photo 15 – Showing ID tags

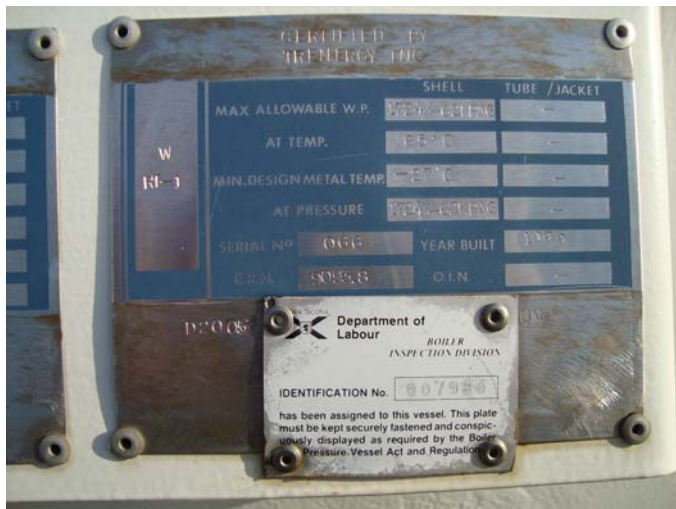


Photo 16 – Showing ID tags

**Detail of Findings**

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 17 – Showing ID tags



Photo 18 – Showing ID tags



Photo 19 – Nozzle N6, generally in good condition. Stud bolts and nuts CAT III



Photo 20 – Nozzles N3B &amp; N4B, coating breakdown and slight corrosion. Studs and nuts CAT III



**Detail of Findings**

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 21 – Nozzles N3B & N4B, coating breakdown and slight corrosion. Studs and nuts CAT III



Photo 22 – Nozzle N2 with light to moderate corrosion and coating breakdown. Studs and nuts CAT III



Photo 23 – Nozzle N2 with light to moderate corrosion and coating breakdown. Studs and nuts CAT III

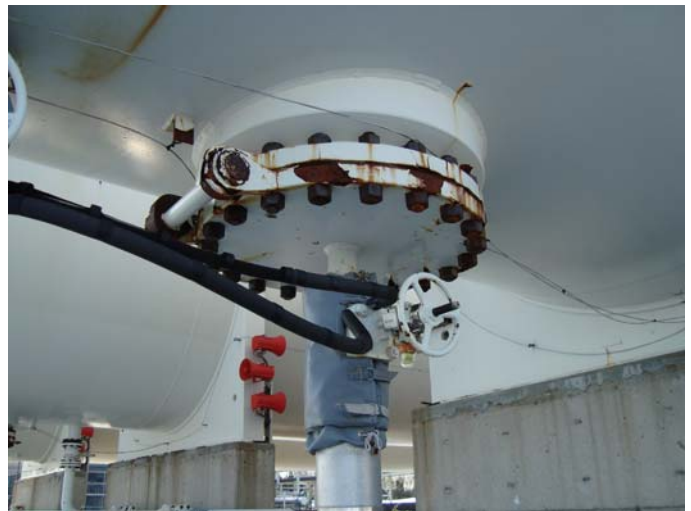


Photo 24 – Manhole, showing coating breakdown and light corrosion. Studs and nuts CAT III



**Detail of Findings**

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 25 – Top of dome South end, with nozzles N3A, N4A, NB, & N1. Taken facing West showing isolated coating breakdown on top of dome and around nozzles with light corrosion. Studs and nuts CAT III



Photo 26 – West side shell, photo taken facing North, showing small isolated patches of coating breakdown



Photo 27 – General view of top section of vessel, photo taken facing North



Photo 28 – West side wall next to South dome end showing discoloration of vessel and coating breakdown

# INSPECTION REPORT

## Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 29 – Nozzle N9, slight coating breakdown, studs and nuts CAT III

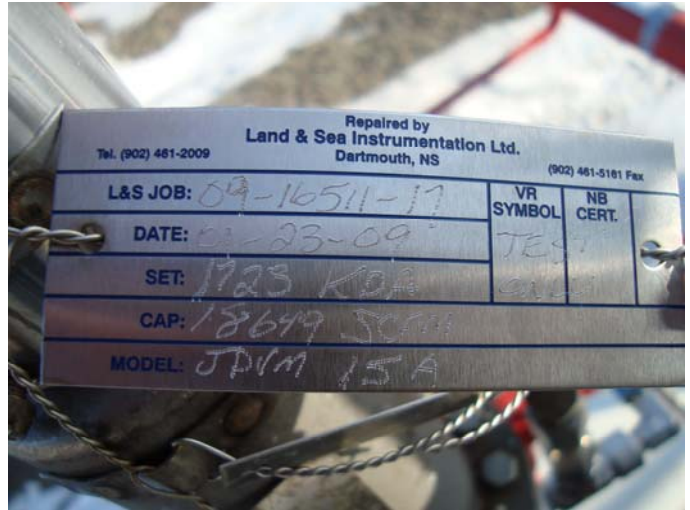


Photo 30 – PSV tag



Photo 31 – Nozzle N7, slight coating breakdown, studs and nuts CAT III

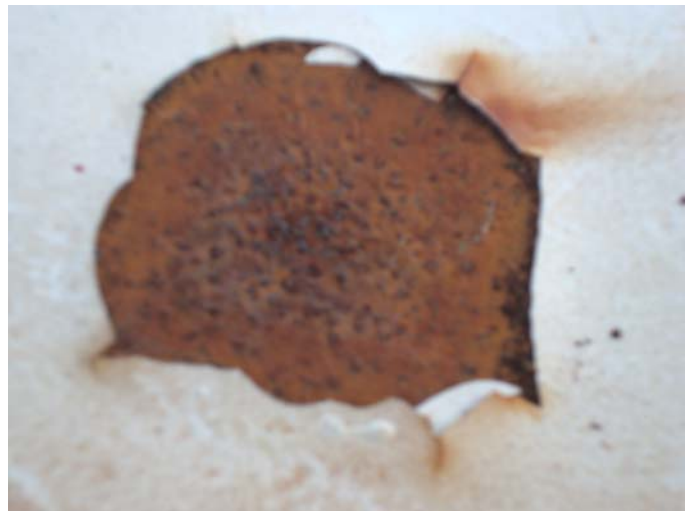


Photo 32 – Example of coating breakdown



## INSPECTION REPORT

### Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 33 – Taken from walkway, North end of vessel facing South. General view of the top

### List of Attachments

- Attachment 1: PT-D2005-090314-VR-UT (Page 1 to 2)
- Attachment 2: PT-D2005-090524-MR-UT (Page 1 to 3)
- Attachment 3: 98-CA-399735-1A

End of Report



# INSPECTION REPORT



## Ultrasonic Inspection Survey for Vessel Inspection

<b>Location:</b>	Point Tupper	<b>EM&amp;I J Report No.:</b>	PT-D2005-090314-VR-UT
<b>Client Name:</b>	Exxon Mobil Sable	<b>Client Ref No.:</b>	PT-11573607-001-D2005
<b>Client Rep.:</b>	Dale Groves	<b>Inspector Name:</b>	Victor Ritchie
<b>WO No.:</b>	11573607	<b>Inspection Date:</b>	March 14, 2009
<b>SPO No.:</b>	4501869140	<b>Inspection Time:</b>	Various
<b>Workscope No.:</b>	PT-2008-VESSEL-EXT-02	<b>System:</b>	Propane + Liquids
<b>Previous Report No.</b>	NA	<b>EM&amp;I J Job No:</b>	EMJ0132.33
<b>Ref. Drawing No.:</b>	LA-B23-F-22-8005-01-Z5, 98-CA-399735-1A, 98-CA-399735-4B-0		
<b>Technician Certifications:</b>	PCN UT 2	<b>Certification Expiry Date:</b>	January 29, 2014
<b>Inspection Code:</b>	NA	<b>Inspection Procedure:</b>	EM&I
<b>Item Inspected:</b>	storage tank	<b>Material (Incl. Vol.):</b>	CS
<b>Surface Condition:</b>	As coated	<b>Surface Temp:</b>	Ambient
<b>Instrument</b>	<b>Type:</b> Epoch LTC	<b>Equipment S/N:</b> 090100701	<b>Cal Due Date:</b> January 24, 2010
<b>Instrument Settings</b>	<b>Reference Level:</b> 80fsh	<b>Gain:</b> 50db	<b>Reject Settings:</b> NA
<b>Search Unit Cables</b>	<b>Type:</b>	<b>Length:</b> 5'	<b>Transfer Value:</b>
<b>Calibration Block:</b>	Step wedge 2.5-12.5mm	<b>Calibration Block S/N:</b>	CB2
<b>Simulation Block:</b>	NA	<b>Couplant:</b>	Ultragel
<b>Computerized Program:</b>	NA		
<b>Transducer Mfg:</b>	<b>Type:</b>	<b>Model No.:</b>	<b>Angle:</b>
Panametrics	dual element	D790SM	0

### Inspection Summary

<b>Restricted Access?</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<b>Comments:</b>
<p><b>Comments:</b></p> <p>UT measurments were taken using side wall echo technique and readings were recorded.  This does not constitute a UT survey.  See below for locations and readings. All readings are in millimeters.</p>			

# INSPECTION REPORT

## Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
Shell Bottom	TP1	147.5"	28.5	30.1	N/A
Shell Bottom	TP2	147.5"	28.5	30.4	N/A
Shell Bottom	TP3	147.5"	28.5	30.4	N/A
Shell Bottom	TP4	147.5"	28.5	29.9	N/A
Shell Bottom	TP5	147.5"	28.5	30.2	N/A
Shell Bottom	TP6	147.5"	28.5	30.2	N/A
Shell Bottom	TP7	147.5"	28.5	30.3	N/A
Shell Bottom	TP8	147.5"	28.5	30.2	N/A
Shell Bottom	TP9	147.5"	28.5	30.3	N/A
Shell Bottom	TP10	147.5"	28.5	30.8	N/A
Shell Bottom	TP11	147.5"	28.5	30.8	N/A
Shell Bottom	TP12	147.5"	28.5	30.7	N/A
Shell Bottom	TP13	147.5"	28.5	29.9	N/A
Shell Bottom	TP14	147.5"	28.5	29.8	N/A
Shell Bottom	TP15	147.5"	28.5	29.9	N/A
Shell Bottom	TP16	147.5"	28.5	30.2	N/A
Shell Bottom	TP17	147.5"	28.5	30.2	N/A
Shell Bottom	TP18	147.5"	28.5	30.0	N/A
Shell Bottom	TP19	147.5"	28.5	29.9	N/A
Shell Bottom	TP20	147.5"	28.5	29.9	N/A
Shell Bottom	TP21	147.5"	28.5	30.0	N/A
Shell Bottom	TP22	147.5"	28.5	29.9	N/A
Shell Bottom	TP23	147.5"	28.5	29.9	N/A
Shell Bottom	TP24	147.5"	28.5	29.8	N/A
Shell Bottom	TP25	147.5"	28.5	30.4	N/A
Shell Bottom	TP26	147.5"	28.5	30.3	N/A
Shell Bottom	TP27	147.5"	28.5	30.4	N/A
Shell Bottom	TP28	147.5"	28.5	30.6	N/A
Shell Bottom	TP28	147.5"	28.5	30.8	N/A
Shell Bottom	TP29	147.5"	28.5	30.7	N/A
Shell Bottom	TP30	147.5"	28.5	30.7	N/A
Shell Bottom	TP32	147.5"	28.5	30.9	N/A
Shell Bottom	TP33	147.5"	28.5	30.8	N/A
Shell Bottom	TP34	147.5"	28.5	30.3	N/A
Shell Bottom	TP35	147.5"	28.5	30.3	N/A
Shell Bottom	TP36	147.5"	28.5	30.5	N/A

End of Report

# INSPECTION REPORT



## Ultrasonic Inspection Survey for Vessel Inspection

<b>Location:</b>	Point Tupper	<b>EM&amp;I J Report No.:</b>	PT-D2005-090524-MR-UT
<b>Client Name:</b>	Exxon Mobil Sable	<b>Client Ref No.:</b>	PT-11573607-001-D2005
<b>Client Rep.:</b>	Dale Groves	<b>Inspector Name:</b>	Michael Rotondella
<b>WO No.:</b>	11573607	<b>Inspection Date:</b>	May 24, 2009
<b>SPO No.:</b>	4501869140	<b>Inspection Time:</b>	Various
<b>Workscope No.:</b>	PT-2008-VESSEL-EXT-02	<b>System:</b>	Propane + Liquids
<b>Previous Report No.</b>	NA	<b>EM&amp;I J Job No:</b>	EMJ0132.33
<b>Ref. Drawing No.:</b>	LA-B23-F-22-8005-01-Z5, 98-CA-399735-1A, 98-CA-399735-4B-0		
<b>Technician Certifications:</b>	PCN UT 2 3.1, 3.2, 3.8, 3.9	<b>Certification Expiry Date:</b>	October 24, 2010
<b>Inspection Code:</b>	NA	<b>Inspection Procedure:</b>	EM&I
<b>Item Inspected:</b>	D2005	<b>Material (Incl. Vol.):</b>	C/S
<b>Surface Condition:</b>	As coated	<b>Surface Temp:</b>	Ambient
<b>Instrument</b>	<b>Type:</b> Epoch LTC	<b>Equipment S/N:</b> 090108403	<b>Cal Due Date:</b> March 11, 2010
<b>Instrument Settings</b>	<b>Reference Level:</b> 80fsh	<b>Gain:</b> 60db	<b>Reject Settings:</b> NA
<b>Search Unit Cables</b>	<b>Type:</b>	<b>Length:</b> 5'	<b>Transfer Value:</b>
<b>Calibration Block:</b>	Step wedge 2.5-12.5mm	<b>Calibration Block S/N:</b>	09-1652
<b>Simulation Block:</b>	NA	<b>Couplant:</b>	Ultragel II
<b>Computerized Program:</b>	NA		
<b>Transducer Mfg:</b>	<b>Type:</b>	<b>Model No.:</b>	<b>Angle:</b>
Panametrics	Dual Element	D790SM	0

### Inspection Summary

<b>Restricted Access?</b>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<b>Comments:</b> Rope Access Required
<p><b>Comments:</b></p> <p>UT spot readings were taken and the readings were recorded. See below and Attachment 3 for locations and readings. All readings are in millimeters.</p> <p>Readings on North head were taken facing South and South head readings were taken facing North.</p>			



# INSPECTION REPORT

## Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
D2005 Bottom Shell	Plate 1	144"	28.58	29.2	N/A
D2005 Bottom Shell	Plate 2	144"	28.58	29.0	N/A
D2005 Bottom Shell	Plate 3	144"	28.58	28.9	N/A
D2005 Bottom Shell	Plate 4	144"	28.58	29.5	N/A
D2005 Bottom Shell	Plate 5	144"	28.58	28.2	N/A
D2005 Bottom Shell	Plate 6	144"	28.58	28.1	N/A
D2005 Bottom Shell	Plate 7	144"	28.58	28.4	N/A
D2005 Bottom Shell	Plate 8	144"	28.58	28.5	N/A
D2005 Bottom Shell	Plate 9	144"	28.58	29.2	N/A
D2005 Bottom Shell	Plate 10	144"	28.58	29.0	N/A
D2005 Bottom Shell	Plate 11	144"	28.58	29.4	N/A
D2005 Bottom Shell	Plate 12	144"	28.58	29.2	N/A
D2005 Top Shell	Plate 1	144"	28.58	29.5	N/A
D2005 Top Shell	Plate 2	144"	28.58	29.4	N/A
D2005 Top Shell	Plate 3	144"	28.58	28.9	N/A
D2005 Top Shell	Plate 4	144"	28.58	29.6	N/A
D2005 Top Shell	Plate 5	144"	28.58	29.0	N/A
D2005 Top Shell	Plate 6	144"	28.58	29.2	N/A
D2005 Top Shell	Plate 7	144"	28.58	29.6	N/A
D2005 Top Shell	Plate 8	144"	28.58	28.9	N/A
D2005 Top Shell	Plate 9	144"	28.58	29.3	N/A
D2005 Top Shell	Plate 10	144"	28.58	29.5	N/A
D2005 Top Shell	Plate 11	144"	28.58	29.7	N/A
D2005 Top Shell	Plate 12	144"	28.58	29.3	N/A
D2005 North Head	12 O'clock	End	28.58	31.5	N/A
D2005 North Head	3 O'clock	End	28.58	31.1	N/A
D2005 North Head	6 O'clock	End	28.58	30.8	N/A
D2005 North Head	9 O'clock	End	28.58	30.8	N/A
D2005 North Head	Centre	End	28.58	30.7	N/A
D2005 South Head	12 O'clock	End	28.58	31.1	N/A
D2005 South Head	3 O'clock	End	28.58	30.2	N/A
D2005 South Head	6 O'clock	End	28.58	30.1	N/A
D2005 South Head	9 O'clock	End	28.58	31.4	N/A
D2005 South Head	Centre	End	28.58	29.9	N/A

# INSPECTION REPORT

## Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
D2005 East Shell	Plate 1	144"	28.58	29.3	N/A
D2005 East Shell	Plate 2	144"	28.58	29.4	N/A
D2005 East Shell	Plate 3	144"	28.58	29.0	N/A
D2005 East Shell	Plate 4	144"	28.58	29.3	N/A
D2005 East Shell	Plate 5	144"	28.58	28.8	N/A
D2005 East Shell	Plate 6	144"	28.58	29.2	N/A
D2005 East Shell	Plate 7	144"	28.58	29.4	N/A
D2005 East Shell	Plate 8	144"	28.58	28.9	N/A
D2005 East Shell	Plate 9	144"	28.58	29.2	N/A
D2005 East Shell	Plate 10	144"	28.58	29.3	N/A
D2005 East Shell	Plate 11	144"	28.58	29.6	N/A
D2005 East Shell	Plate 12	144"	28.58	29.4	N/A
D2005 West Shell	Plate 1	144"	28.58	29.3	N/A
D2005 West Shell	Plate 2	144"	28.58	29.1	N/A
D2005 West Shell	Plate 3	144"	28.58	28.8	N/A
D2005 West Shell	Plate 4	144"	28.58	29.4	N/A
D2005 West Shell	Plate 5	144"	28.58	28.8	N/A
D2005 West Shell	Plate 6	144"	28.58	29.2	N/A
D2005 West Shell	Plate 7	144"	28.58	29.4	N/A
D2005 West Shell	Plate 8	144"	28.58	28.9	N/A
D2005 West Shell	Plate 9	144"	28.58	29.2	N/A
D2005 West Shell	Plate 10	144"	28.58	29.6	N/A
D2005 West Shell	Plate 11	144"	28.58	29.4	N/A
D2005 West Shell	Plate 12	144"	28.58	29.4	N/A

End of Report

