



ULTRASONIC CORROSION SURVEY

Survey Name: **BONAVISTA PETROLEUM**

Report Number: 9058

Survey Date: 09/04/2014

LSD: 07-28-057-19W5 Dwg: 140 Vessel Number: 2763802 Manufacturer: PRESSON
Downhole LSD: Vessel Name: INLET SEPARATOR Serial Number: 5236-20
District Unit: PINE CREEK Year Built: 1993 Shell MAWP PSI: 720 MAWT F: 100
Location: FIELD Tag Number: Tube MAWP PSI: 0 MAWT F: 0
Skid: CRN: K 9026.21 Vessel CA: 0.1250

Dani Byrne

Band	Description		Baseline	Previous	Current	Next Inspection Material	Nominal CA	TMIN	ST Loss MPY	LT Loss MPY	Recommended Retirement Date
10	Top - Shell	Ref	2014	0.8790	2014	0.8790	2015	0.8750	0.7224		
Shape	Cylindrical	Min		0.8730		0.8730	SA 516 - 70	0.1250			
OD	36	Avg		0.8750		0.8750					
Spec.	VIII Div 1						Comments:				
15	Middle - Shell	Ref	2014	0.8790	2014	0.8790	2015	0.8750	0.7224		
Shape	Cylindrical	Min		0.8690		0.8690	SA 516 - 70	0.1250			
OD	36	Avg		0.8780		0.8780					
Spec.	VIII Div 1						Comments:				
20	Middle - Shell	Ref	2014	0.8740	2014	0.8740	2015	0.8750	0.7224		
Shape	Cylindrical	Min		0.8690		0.8690	SA 516 - 70	0.1250			
OD	36	Avg		0.8720		0.8720					
Spec.	VIII Div 1						Comments:				
25	Bottom - Shell	Ref	2014	0.8680	2014	0.8680	2015	0.8750	0.7224		
Shape	Cylindrical	Min		0.8640		0.8640	SA 516 - 70	0.1250			
OD	36	Avg		0.8660		0.8660					
Spec.	VIII Div 1						Comments:				



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Band Description		Baseline		Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
						Material	CA		MPY	MPY	Retirement
											Date
30	Bottom - Head	Ref	2014	0.9200	2014	0.9200	2015	0.8450	0.7087		
Shape	Ellipsoidal	Min		0.8880		0.8880	SA 516 - 70	0.1250			
OD	36	Avg		0.9200		0.9200					
Spec.	VIII Div 1						Comments:				
35	- Nozzle	Ref	2014	0.4520	2014	0.4520	2015	0.4360	0.0372		
Shape	360° Circ	Min		0.4080		0.4080	SA 106 - B	0.1795			
OD	2.375	Avg		0.4450		0.4450					
Spec.	VIII Div 1						Comments:				
40	- Piping	Ref	2014	0.2380	2014	0.2380	2015	0.2160	0.0705		
Shape	90° Elbow	Min		0.2050		0.2050	A 234 - WPB	0.0270			
OD	3.5	Avg		0.2170		0.2170					
Spec.	B31.3						Comments:				
45	- Piping	Ref	2014	0.7360	2014	0.7360	2015	0.7180	0.1335		
Shape	90° Elbow	Min		0.6770		0.6770	A 234 - WPB	0.0897			
OD	6.625	Avg		0.7170		0.7170					
Spec.	B31.3						Comments:				



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Band Description		Baseline		Previous	Current	Next Inspection Material	Nominal CA	TMIN	ST Loss MPY	LT Loss MPY	Recommended Retirement Date
50	- Piping	Ref	2014	0.2810	2014	0.2810	2015	0.3000	0.0705		
Shape	90° Elbow	Min		0.2500		0.2500	A 234 - WPB	0.0375			
OD	3.5	Avg		0.2830		0.2830		Caution			
Spec.	B31.3						Comments:				
55	- Piping	Ref	2014	0.1880	2014	0.1880	2015	0.2180	0.0479		
Shape	90° Elbow	Min		0.1790		0.1790	A 234 - WPB	0.0272			
OD	2.375	Avg		0.1870		0.1870		Caution			
Spec.	B31.3						Comments:				
60	- Nozzle	Ref	2014	0.4140	2014	0.4140	2015	0.4360	0.0372		
Shape	90° Elbow	Min		0.4050		0.4050	SA 234 - WPB	0.1795			
OD	2.375	Avg		0.4310		0.4310					
Spec.	VIII Div 1						Comments:				