# PipeWall Anomaly Inspection Sheet

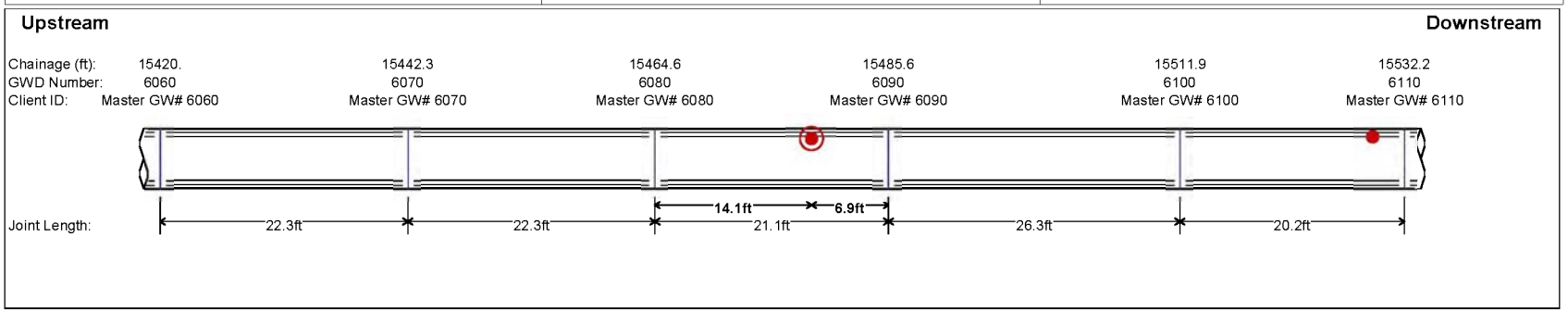
Client: Enbridge Energy Limited Partnership | Run Date: July 30, 2013 | Projection: UTM | Zone: 16

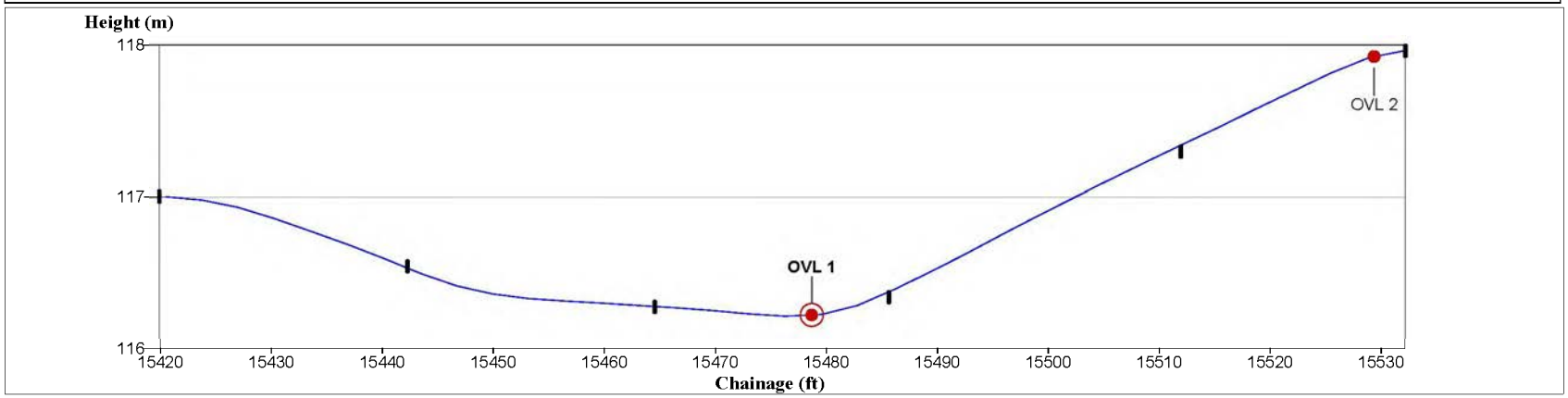
Project: NPS 20 GEOPIG Geometry Inspection | Location: Line 5 Straights of Mackinac - West Loop | Datum: WGS 84 | C.M.: -87

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Anomaly: **OVL # 1**

| Location | | | Size | | | Reference Points | | |
|---|---|---|---|---|---|---|---|---|
| Chainage: | 15,478.71 | ft | Size Definition: | CSAZ662 Ovality | | U/S Weld Number: | 6080 | |
| Enbridge Area Number: | 1 | | Depth: | 1.750 | in | Distance to U/S Weld: | 14.14 | ft |
| Enbridge Chainage: | 15,259.83 | ft | Depth %: | 8.8 | %OD | Distance to D/S Weld: | 6.92 | ft |
| Northing: | 5,074,486.56 | m | Length: | 40.52 | in | Joint Length: | 21.06 | ft |
| Easting: | 673,176.81 | m | Width: | 10.44 | in | U/S Ref.: | VALVE MP 1475.6 | |
| Latitude: | 45.80220369 | deg. | Clock Position: | 1:00 | h:mm | Distance to U/S Ref.: | 15,379.45 | ft |
| Longitude: | -84.77141990 | deg. | Wall Thickness: | .812 | in | D/S Ref.: | VALVE MP 1479.5 | |
| | | | Comments: | | | Distance to D/S Ref.: | 6,353.03 | ft |






ENBDNR0001403

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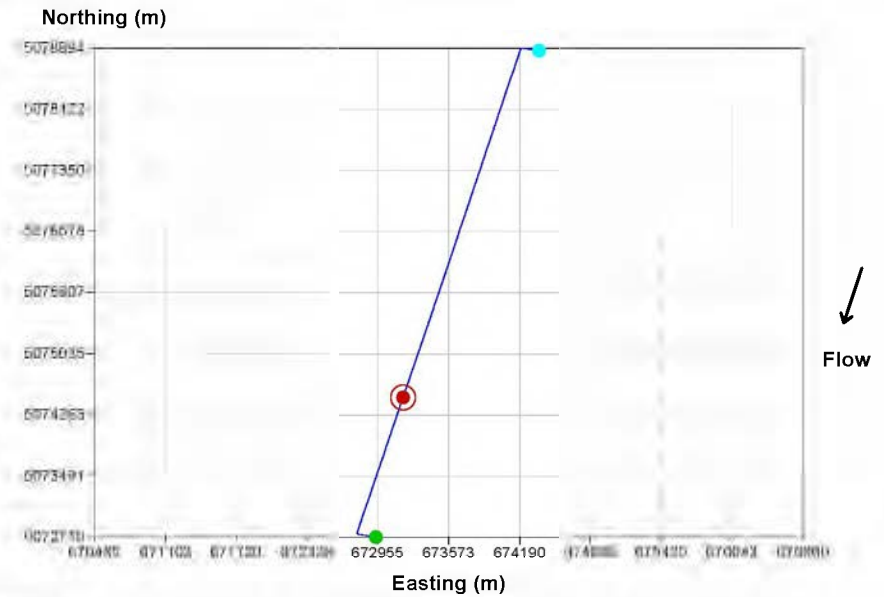
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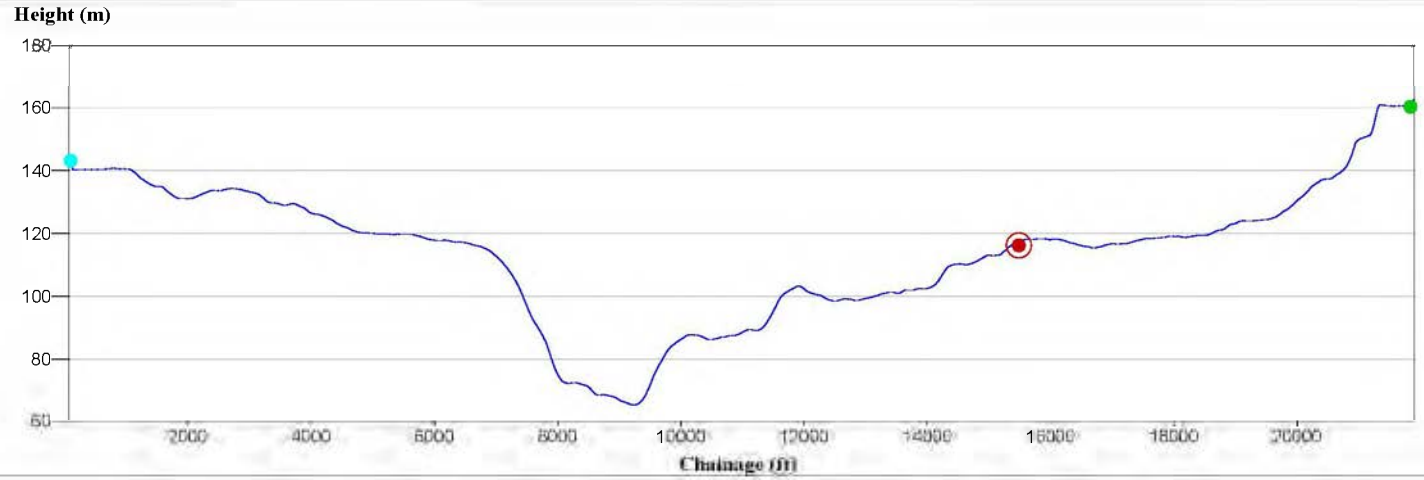
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## Plan and Profile between U/S and D/S Reference Points

| | | |
|---|---|---|
| **Anomaly:** | **OVL 1** | |
| Chainage: | 15,478.71 | ft |
| Northing: | 5,074,486.56 | m |
| Easting: | 673,176.81 | m |
| Height: | 116.22 | m |
| U/S Ref.: | VALVE MP 1475.6 | |
| Enbridge Chainage: | -.05 | ft |
| Distance to U/S Ref.: | 15,379.45 | ft |
| D/S Ref.: | VALVE MP 1479.5 | |
| Enbridge Chainage: | 21,550.38 | ft |
| Distance to D/S Ref.: | 6,353.03 | ft |






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