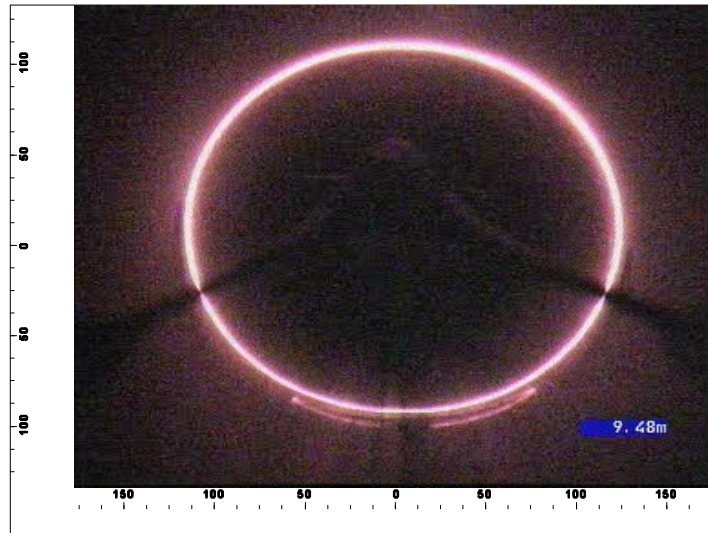


Ovality Observations Report

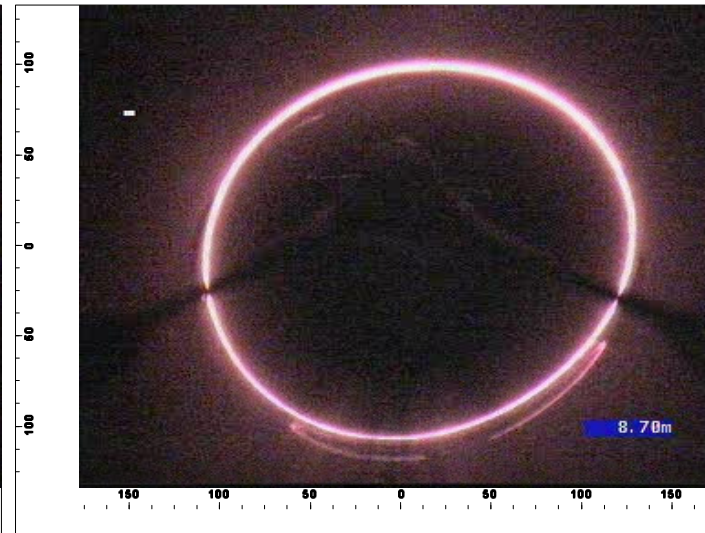
Site ID Garndi
City Pontypool
Start No SW8
Location

Asset No. Leadbetter
Finish No SW7
Location

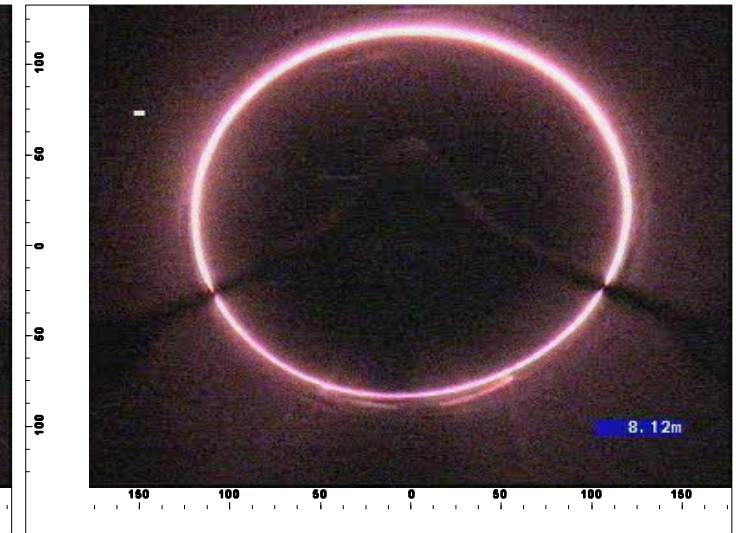
Date 18/01/2016
Material
Pipeline Length 0 m
Internal Diameter (Expected) 225 mm



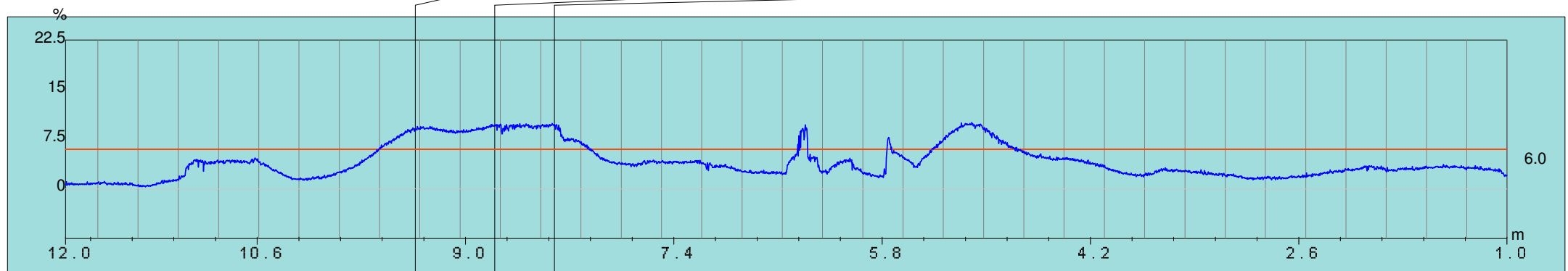
9.0% Deformation



9.5% Deformation



9.7% Deformation



Ovality 'q' (as per ASTM F 1216 Standard Practice) as a percentage of original pipe versus distance

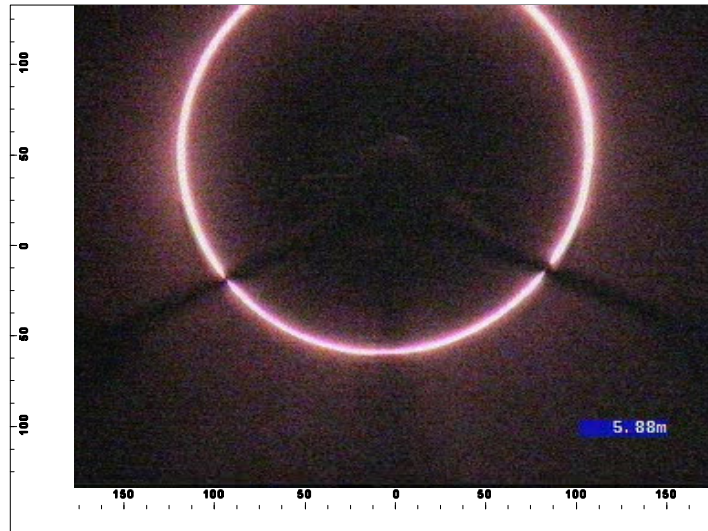
90% - Fractile: 8.9%

Ovality Observations Report

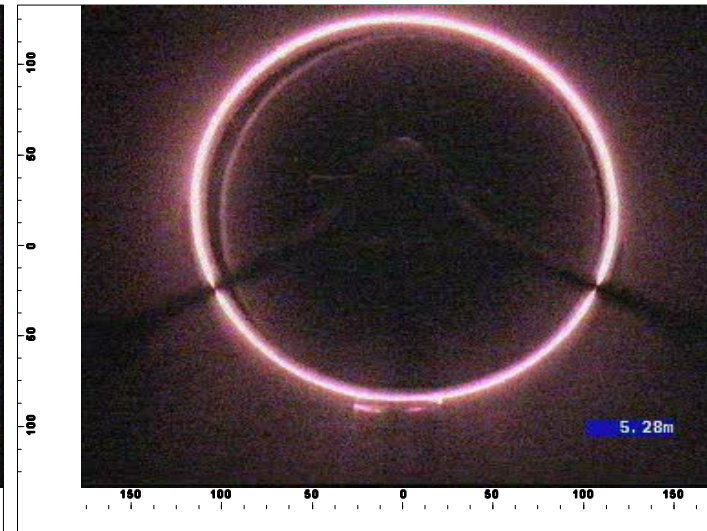
Site ID Garndi
City Pontypool
Start No SW8
Location

Asset No. Leadbetter
Finish No SW7
Location

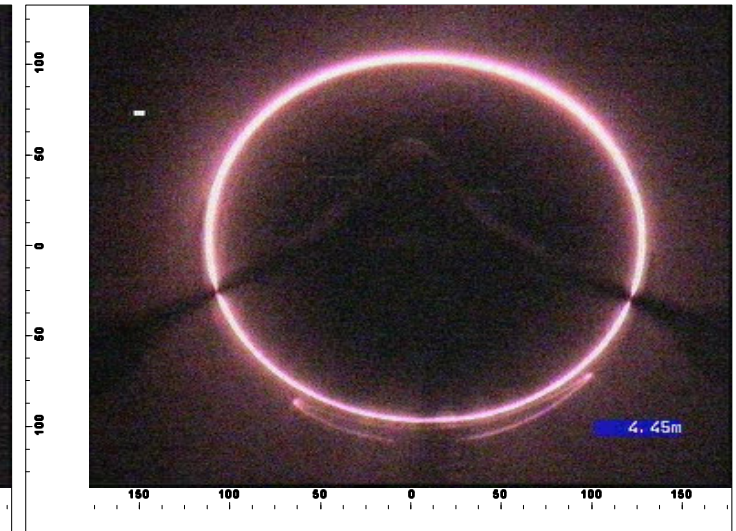
Date 18/01/2016
Material
Pipeline Length 0 m
Internal Diameter (Expected) 225 mm



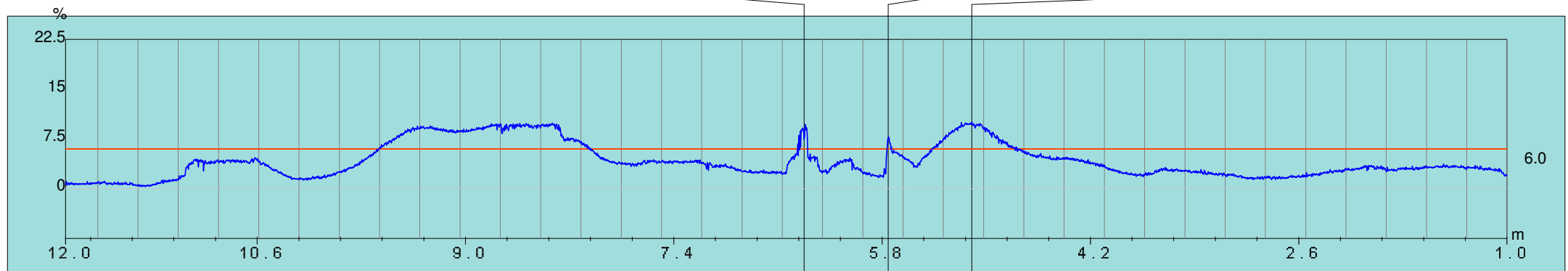
Irregular camera movement - Not Deformation



7.4% Deformation



10% Deformation



90% - Fractile: 8.9%

Ovality 'q' (as per ASTM F 1216 Standard Practice) as a percentage of original pipe versus distance