

Recommendations

Offshore Pipeline (Hibernia to Newfoundland, Newfoundland to Boston / Newfoundland to Country Harbour, Nova Scotia)

It is recommended that:

- 30.2mm wall thickness is used throughout the offshore pipeline route except where buckle arrestors are required;
- Buckle arrestors are required at water depths greater than 200m i.e. all exposed pipe;
- The optimum size and spacing of buckle arrestors shall be confirmed following further calculations;
- For water depths greater than 200m, a nominal concrete coating (40mm) should be applied to the pipeline for stability purposes;
- The pipeline is trenched in water depths less than 200m to aid stability and to prevent iceberg incursion and scour;
- A review of the present analyses should be performed in the event that adjustments to the pipeline routes are made that result in significant changes in water depths;
- A review of the stability and wall thickness requirements should be performed if revised environmental data is obtained.

Onshore Pipeline

It is recommended that:

- The wall thickness for the onshore pipelines route varies from 28.22mm to 50.8mm depending on the location class associated.
- A review of the wall thickness requirements should be performed once the location classes have been finalised.