BP Scotian Basin Drilling Program
Blowout preventer (BOP) enhancements on West Aquarius rig BOP not present in 2010

BOP Reliability Enhancements
• Dedicated BP BOP Reliability Team focused on defect elimination has significantly improved overall BOP reliability since 2012.
• BOP Team is available to resolve any maintenance or reliability issues encountered on the rig.

BOP Certification
• BOP 5-year major inspection and re-certification completed in 2018.

BOP Maintenance Verification
• 3rd party verification that BOP meets original equipment manufacturer (OEM) recommendations and American Petroleum Institute (API) Standards prior to installation.

Autoshear and Deadman tested prior to installation and function tested by remotely operated vehicle (ROV) once installed on the seabed.

Dual blind shear rams provide emergency closure redundancy. Upper shear ram upgraded to shear blocks with enhanced shearing capability.

Ram shearing capability and hydraulic accumulator volumes verified to function at maximum anticipated wellhead pressure.

Dedicated emergency hydraulic power source provided within BOP stack.

All wellbore containment bolting, studs and nuts upgraded to latest API 20E hardware from wellhead connector to upper annular.

Auxiliary hydraulic power available from ROV intervention skid within Oil Spill Response Limited (OSRL) response toolkit.

BOP control panel and ROV fitted with standardized, high-flow interface connectors and piping for enhanced closure capability.