

Pigging Pipeline Maintenance in Offshore Fields

1. What is the main focus of the video?

- A. The challenges faced by pipeline operators in maintaining subsea pipelines
- B. The development of new technologies for inspecting subsea pipelines
- C. The advantages of using ultrasonic ILI tools for pipeline inspections
- D. The various damage mechanisms found in subsea pipelines

2. According to the video, which of the following is NOT a key challenge for pipeline operators?

- A. Maintaining aging assets in corrosive environments
- B. Improving efficiencies and maximizing profits
- C. Ensuring the safety of pipeline access and operations
- D. Providing comprehensive training for pipeline inspection personnel

3. Which feature of the Invista Subsea tool allows it to overcome challenges in vertical riser sections?

- A. Its lightweight and easy transportability
- B. Its ability to flow with the product without trailing cables
- C. Its advanced ultrasonic sensors for superior flaw detection
- D. Its navigational capabilities to handle various pipeline configurations

4. Which type of pipeline damage can the Invista Subsea tool detect and record?

- A. Only pitting and corrosion on the interior surfaces
- B. Only erosion and deformations on the exterior surfaces
- C. Both internal and external damage mechanisms
- D. Damage caused by third-party interference only

5. How does the Invista Subsea tool address the challenge of pipeline access and safety?

- A. It requires no lifting equipment or modifications for launching and receiving
- B. It can only be used in pipelines with a specific range of wall thicknesses
- C. It operates at high speeds to minimize the time spent in the pipeline
- D. It is capable of passing through the line as needed during the inspection

6. What happens after the Invista Subsea inspection is completed?

- A. The data is analyzed by experienced data analysts and assessment engineers
- B. The data is only used for a basic issues for service assessment
- C. The data is discarded, and no further analysis is conducted
- D. The data is used to develop a comprehensive API fitness for service plan

7. What is the primary benefit of using the Invista Subsea technology?

- A. It is the only solution available for challenging and difficult subsea pipelines
- B. It provides high-quality data to make confident decisions on pipeline integrity
- C. It eliminates the need for any modifications or lifting equipment during the inspection
- D. It offers the lowest cost solution for subsea pipeline inspections