

Title: Wind turbine yawing with vessel in 50m zone

Section 1: What happened?

- No incident occurred during energisation of a wind turbine generator within the 50m zone.
- The vessel stopped operation due to the generator spinning at approximately 70m from the location.
- The vessel bridge did not expect the generator to be in production at the time.
- Communication breakdown occurred due to deviation from the agreed yaw request procedure.
- The confusion came when the original heading request was closed for a new heading request.
- The Duty Officer shift supervisor then contacted the bridge informing them that it was clear to move into the location as he was not aware that the original request was closed and therefore assumed the WTG was in the same status as per the original request.

Section 2: Why did it happen?

- The deviation from procedure regarding roles and actions.
- The procedure states that the vessel bridge should be the ones who contact the Original Equipment Manufacturer (OEM) Remote Operations Centre (ROC) and request the heading and receive confirmation of such.
- However, Duty Officer had added another communication chain link between the vessel bridge and OEM, and this is what caused confusion.
- The visual confirmation by the vessel bridge before approach is what prevented entry into the 50m zone in this instance.

Section 3: What did they learn?

- Going forward all vessels have agreed to work to the existing procedure to the letter.
- Only the vessel bridge will be in contact with the OEM and the Marine Coordination Centre.