

## HydroScheme Industry Partnership Program Lord Mayor Shoal to Pitt Shoals Hydrographic Survey

### *Video Transcript*

**[CHRIS KENNEDY]** Hi, my name's Chris Kennedy. I'm the program manager for MMA Offshore and the HydroScheme Industry Partnership Program.

We've been tasked by the Australian Hydrographic Office to perform a survey of the west coast of Dampier Peninsula in Western Australia.

The area where we're surveying is a highly protected area off the west coast of the Dampier Peninsula. It falls within two marine parks – the Bardi Jawi Gaarra State Marine Park and that's jointly managed between the DBCAWA and the Bardi Jawi Traditional Owner group. And the other marine park is the federally managed North West Marine Park which falls under the Kimberley Marine Parks.

We've been very keen to work with the local community, make sure they're well-informed about the activities that we're undertaking. And we've also been keen to ask for their participation within the project as well, so we have Bardi Jawi sea rangers that are employed to come on the project and act as marine mammal observers.

One of the outcomes we're hoping to deliver is to really develop those younger personnel as they move up in their career and gain more experience, they progress on to becoming senior leaders within the project teams.

We're obviously going to be delivering a successful survey for the client, so the data we collect goes into their mapping and charting products. So we're obviously hoping to deliver a high-quality product to them.

**[ANDY DILLEY]** Hi, my name's Andy Dilley. My role is surveyor in charge and a party chief.

We've got the moonpool and the pole at the centre of the vessel, and that's got the workhorse, the main sensor that we're using. In association with that, it's got a motion sensor. So the echo sounder puts out a swath of beams in a fan shape effectively. So you've got lots of these echo soundings pinging off the seabed. And then we have a motion sensor to remove the dynamic environment, to remove the vessel moving around.

**[TIM DEBNAM]** My name's Tim Debnam, I'm the vessel master for Offshore Unlimited on the vessel Outer Limit.

This block of work is up off Cape Leveque, north of Broome. MMA have the project and we've been contracted by MMA to undertake it. So they're currently setting up the vessel with all the equipment for the seabed mapping.

It's redoing the charts, so all the information they currently have in the area is very old and this is updating that information.

**[CHRIS KENNEDY]** If anyone in the community is interested to learn more about the project, I'd encourage them to visit MMA Offshore's website or they could also call MMA's office and we'd be happy to speak to them to tell them more about the project.