

A CASE STUDY



Client: Alexandrina Council

Project Name: Signal Point Gallery and Wharf Roof Inspection

Location: Goolwa, South Australia

Scope

- Condition assessment of gallery and wharf roof including:
 - Gutters and downpipes
 - Penetrations of services
 - Rafter and trusses

Mission

Symbiosis Australia in partnership with Incospec were engaged to inspect multiple roof structures. Our pilot used the Inspire 1 with the Zenmuse Z3 camera to capture images. A slave controller provided Incospec corrosion engineers with live footage and together alongside the pilot were able to pin-point areas of concern to the client.

The terrain around the gallery posed a significant challenge, with undulating surfaces and restricted space around the structure itself. Along with transportation costs of a knuckle-boom, required from Adelaide approx. 110km away, the client saw fit that RPA's would be a more efficient, safer and cost productive solution for the inspection.

The gallery and wharf are local tourist locations with significant volumes of people circulating the area. Two spotters were strategically positioned around both structures ensure the safety of the public was maintained at all times with use of restricted access zones being implemented.

Benefits of using RPA for this project included:

- Reduce inspection and mobilisation time
- More efficient and thorough inspection as opposed to traditional methods
- Increased safety of inspection personnel and public