



## ROV DRONE UNDERWATER INSPECTION SERVICES

### ► Scope of work

Client: Tropical Aviation

April 2021

North Marine is engaged to inspect underwater infrastructure in Cairns Harbour using our Seasam remotely operated vehicle (ROV).

North Marine was tasked to get reliable photo & video evidence of the condition of underwater mooring infrastructure in the Cairns Harbour, in extremely low visibility and in tidal movements. The client required visual data on the infrastructure before deciding whether to proceed with further maintenance. ROVs are cost-effective for such inspections, with the safety benefit of minimising personnel dive time in a potentially high-risk environment.



Visit case study page  
on an ROV drone  
underwater inspection

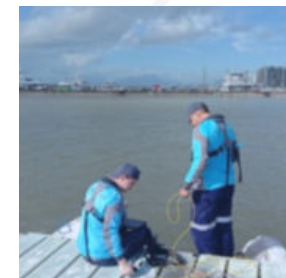


### ► Discriminators

- State-of-the-art ROV limits diving time & cost
- Established operating within environmentally sensitive & potentially hazardous habitat of Cairns Harbour
- Fleet of suitable charter vessels to perform works
- Waterfront marine facility base in Cairns Port
- Experienced divers & project managers
- Excellent working relationship with related authorities: Ports North, DAF, DES and MSQ

### ► Outcome

North Marine successfully captured clear imagery cost-effectively and efficiently. The client chose to remove the whole mooring system, following the ROV findings.



📞 0421 822 661

🌐 northmarine.com.au

📍 Marine Facility · Cairns Port  
North Wharf, 71 Lee Yan Rd, East Trinity QLD 4871

✉ info@northmarine.com.au

🏢 ACN 634 263 460