



Cosmos Archaeology Pty Ltd

**Northern
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Cultural Heritage & Archaeological Services

Formed in 1997, Cosmos Archaeology is a cultural heritage and archaeological consulting company that specialises in both historical and maritime archaeology. The company is one of few Australian heritage consultancies with qualified maritime archaeologists on staff.



Cosmos Archaeology provides a range of services to its clients, including:

- Desktop studies;
- Heritage impact statements;
- Heritage management and conservation plans;
- Technical heritage and legislative advice;
- Archival photographic recording;
- Archaeological surveys, monitoring and excavations - terrestrial and underwater;
- Archaeological specific GIS and heritage mapping; and
- Remote sensing interpretation (gradiometer, magnetometer, multibeam, seismic profiling and side scan sonar).



Cosmos Archaeology has completed over 300 heritage projects and is currently engaged in work across Australia. The challenges of working in different jurisdictions and on projects of varying complexity have instilled in our staff an imperative for flexibility, adaptation, efficiency and communication.





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Featured Projects

South-West Historic and Maritime Archaeological Assessment. Client: Heritage Victoria.

Cosmos Archaeology undertook archival research and field inspections to identify previously unrecorded 19th century historical, maritime and Indigenous sites in the Moyne and Warrnambool municipalities. The aim of this study was to improve the long-term capacity of local councils to consider archaeological and heritage values when issuing permits and undertaking development works.

S.S. Dicky Management Plan. Client: Caloundra City Council.

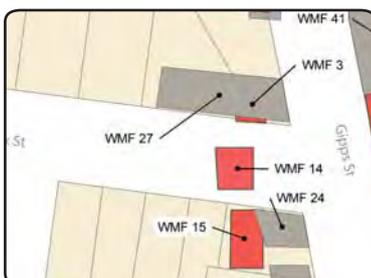
Cosmos Archaeology prepared a management plan for the wreck of the S.S. *Dicky*. The plan reviewed the history of the vessel and the process of its deterioration. A set of mitigation options were presented to the client with cost assessments in terms of money balanced against loss of cultural significance.

Archival Recording – Royal National Park and Heathcote Road. Client: NSW RMS.

The NSW Roads and Maritime Services proposed to conduct a variety of repair and/or reconstruction works on 18 road culverts. Cosmos Archaeology prepared a Statement of Heritage Impact and recommended an archival photographic record be made of selected culverts based on their cultural significance. It was also recommended that measures be taken to limit the physical and visual impact of backfilling. Cosmos Archaeology later conducted archival photographic recording of the three best preserved and representative examples of the culverts to be impacted by the works.

Maritime Archaeological Investigation – Ipswich River Terraces. Client: Ipswich City Council.

Cosmos Archaeology undertook a maritime archaeological investigation at the site of the former Harris and Australian Steam Navigation Company wharves on the Bremer River, Ipswich. Artefacts identified during the underwater surveys were recovered and remnant features of the historic wharf structures within the development envelope were recorded.





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Featured Projects

Channel Deepening Project. Client: Port of Melbourne Corporation.

Cosmos Archaeology undertook a wide variety of tasks including heritage impact assessments, heritage inductions for project contractors, reviews of multi-beam sonar records prior to dredging, inspections of anomalies, archaeological monitoring of berth works and wreck inspections. The excavation and relocation of the submerged remains of a historic pile light was also conducted as part of this project.

Hong Kong – Zhuhai – Macao Bridge. Client: Ove Arup.

Cosmos Archaeology's role in this project was to identify the presence of submerged cultural remains, namely shipwrecks, within the path of the bridge and tunnel options up to Hong Kong SAR border with China. This involved identifying anomalies of potential cultural significance by reviewing remote sensing data (side scan sonar and seismic profiling), which were inspected by Cosmos Archaeology divers.

Ichthys LNG Project – East Arm, Darwin. Client: Tek Diving Services.

INPEX is building a LNG gas plant at Blaydin Point, East Arm, Darwin Harbour. A component of this development is the construction of port facilities. Working with commercial divers, a team of Cosmos Archaeology archaeologists inspected, assessed, raised and recorded thousands of cultural objects that were to be impacted by dredging. Cosmos Archaeology also conducted baseline surveys of six WWII era Catalina wrecks located in East Arm, Darwin Harbour, and was engaged in monitoring these wrecks during the construction phase of the project.

Port Arthur Maritime Archaeological Survey. Client: Port Arthur Historic Site Management Authority.

Three maritime archaeological field seasons were completed within the Port Arthur convict precinct to record all maritime archaeological remains associated with its convict history. Surveyed areas included the Dockyard, Point Puer and Brick Point, and limited excavation also took place off the Commandant's Wharf. The results of the fieldwork were presented as an archaeological inventory of each site and formed the basis for a maritime archaeology heritage conservation management plan.

