



Australian Government

Department of the Environment, Water, Heritage and the Arts

FACSIMILE

File No: 2008/

To	Patrick Flynn	Fax	02 6274 2095
Title	HMAS Sydney Search Pty Ltd	Phone	
RE	Historic Shipwrecks Act permit		
From	Department of the Environment, Water, Heritage and the Arts	Date	23 March 2007
Title/Role	Terry Bailey	Fax	
Section/Branch	Heritage Assessment Branch	Phone	6274 2156
		Pages	1 +4

Dear Patrick

Please find attached permit as discussed

Yours sincerely

Terry Bailey

Assistant Secretary

Department of the Environment, Water, Heritage and the Arts



COMMONWEALTH OF AUSTRALIA

HISTORIC SHIPWRECKS ACT 1976

SECTION 15

PERMIT

I, Terrence Gerard Bailey, delegate of the Minister for the Environment, Heritage and the Arts, HEREBY GRANT to HMAS Sydney Search Pty Ltd a permit under section 15 of the *Historic Shipwrecks Act 1976* authorising the said HMAS Sydney Search Pty Ltd to do the acts or things specified in Attachment A subject to the conditions set out in Attachment B.

DATED this 23rd day of March 2008.

.....
Terrence Gerard Bailey
Assistant Secretary
Heritage Assessment Branch
Heritage Division

Delegate of the Minister for the Environment, Heritage and the Arts

CONDUCT AUTHORISED UNDER PERMIT

Duration

The permit is in force for a period of 1 month commencing on the day that the permit is granted.

Authorised persons

The HMAS Sydney Search Pty Ltd is authorised to do the acts or things specified in the attachments to the permit.

Acts or things authorised under the permit

To conduct searches using SV Geosounder equipment to confirm the identity of the historic shipwrecks HMAS Sydney II and HSK Kormoran.

Description of historic shipwrecks and relics

The HSK Kormoran wreck site

Description of Articles - 1	Location (WGS 84)		
There are 4 large pieces of hull structure. The two largest pieces are located hundreds of metres from the main debris field and approximately 1,200 metres from each other on a line running roughly north-south. The largest piece of hull measures approximately 106 metres long by at least 20 metres wide and has been identified as the forward half of the ship that extends roughly from the engine room to the stem. It is sitting upright on the seabed with a height of approximately 13 metres.	NW Corner	26°05' 17.5" S	111°03' 52.7" E
	NE Corner	26°05' 17.5" S	111°04' 51.2" E
	SE Corner	26°06' 11.0" S	111°04' 51.2" E
	SW Corner	26°06' 11.0" S	111°03' 52.7" E

The HMAS Sydney II wreck site

Description of Articles - 2	Location (WGS 84)		
The sonar imagery reveals a largely intact hull, sitting upright on the seabed adjacent to a small field of debris measuring about 320 metres wide and containing 2 or 3 other large pieces. The rough measurements of the wreck are 184 metres long, 18 metres wide and 16 metres high at the highest point.	NW Corner	26°14' 25.9" S	111°12' 40.1" E
	NE Corner	26°14' 25.9" S	111°13' 00.5" E
	SE Corner	26°14' 52.4" S	111°13' 00.5" E
	SW Corner	26°14' 52.4" S	111°12' 40.1" E

The Battle Field Debris site

Description of historic relics	Location (WGS 84)		
All man-made articles located inside the articles described in the Description of articles 1 and 2 (above); All man-made articles attached to the articles described in the Description of articles 1 and 2 (above); All human remains located inside the articles described in the Description of articles 1 and 2 (above); All man-made articles located on the seabed or in the subsoil, in Australian waters or waters above the continental shelf and within a radius of 797 metres of the articles described in the Description of articles 1 and 2 (above); All human remains located in Australian waters or waters above the continental shelf and within a radius of 797 metres of the articles described in the Description of articles 1 and 2 (above).	NW Corner	26°09' 37.6" S	111°03' 50.9" E
	NE Corner	26°09' 37.6" S	111°05' 18.3" E
	SE Corner	26°10' 47.1" S	111°05' 18.3" E
	SW Corner	26°10' 47.1" S	111°03' 50.9" E

PERMIT CONDITIONS

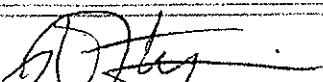
- All activities must be undertaken in the manner specified in the **HMAS Sydney Search Pty Ltd** permit application dated 22 March 2008.
- All contact with the wrecks and associated relics is prohibited.
- Undue disturbance of the wrecks and associated relics, adjacent seabed, and marine life is prohibited.
- The wrecks and associated relics, including human remains, shall be respected as a grave site.
- Persons operating the Remote Operated Vehicle must be suitably qualified.
- A record shall be kept of the activities undertaken by the permit holder and provided to the Minister's Delegate.



Permit Application for Entry into a Protected Zone or Disturbance of a Historic Shipwreck or Relic

Under Section 15 of the Commonwealth *Historic Shipwrecks Act 1976*

Important Note: When completed this form should be forwarded to the agency (see overleaf) for the State or Territory in which the actions are proposed.

Contact details of the person making application			
First name: Patrick		Surname: Flynn	
Town/City: Perth		State: WAA	
Street number: L3 / 267		Street name: St Georges Terrace	
Mobile: 0488-555008		Postcode: 6000	Post office box: No
Telephone (Business hours): (08) 92617749		Facsimile: (08) 92617700	
Email: patrickf@findingsydney.com			
Additional details if the applicant is a business			
Business name: HMAS Sydney Search Pty Ltd			ABN: 22 67 041
This application is to (X the appropriate boxes)			
Disturb an historic shipwreck or relic:		Enter a protected zone: X	
Details of the historic shipwreck or relic to be disturbed or protection zone to be visited			
Name of shipwreck or relic: HMAS Sydney II & HSK Kormoran			
National Shipwrecks Database ID number: TBA			
Details of the activities to be undertaken (X the boxes where appropriate)			
Important Note: If the activity or project involves disturbance or the possible disturbance of a shipwreck or relic, then part 2 of this form must also be completed and attached to the application.			
Recreational Site survey/research X Archaeological excavation Commercial activity			
Summary of activity or project: Project: The Search for HMAS Sydney			
Non-intrusive visual inspection of HMAS Sydney II & HSK Kormoran			
Number/frequency of visits: One		Number of persons per visit (if applicable): 34 pob on vessel	
Preferred duration of permit: 1 month X 3 months 6 months 12 months			
Proposed commencement date: Monday 24 th March 2008			
Have your activities been referred under the Environment Protection and Biodiversity Conservation Act 1999			
If so please include the referral number: Your Ref 2006/12602			
Details of vessel involved with the activity (X the boxes where appropriate)			
Vessel name: SV Geosounder		Registration number: 36599-PEXT	
Vessel tonnage: 1035 tonnes		Vessel draft: 5.1 metres	
Powered by: Sails propellers X water jet			
Vessel contact details (phone, radio call sign or frequency): HO-4783			
I declare that the information I have given on this form is correct to the best of my knowledge.			
Name (block letters): PATRICK MICHAEL FLYNN (PROJECT MANAGER – THE FINDING SYDNEY FOUNDATION)			
Date: 22-03-08	Signature: 		

Application Part 2 - Project or Activity Proposal

1. Title of project or description of activity

The Search for HMAS Sydney II

2. Project or activity purpose or aims. (Provide supporting documentation, such as reports or surveys, as attachments)

To locate the wrecks or wreckage fields of the HMAS Sydney II and HSK Kormoran, positively identify the wrecks and wreckage fields, and commemorate those lost in the fierce engagement.

3. Location. (Provide maps, figures or photographs to help explain the project and its location)

Please refer to the attachment for boundary locations of (i) The HMAS Sydney II Wreck Site, (ii) The HSK Kormoran Wreck Site, and (iii) The Battle Field Debris Site

4. Methodologies, techniques and equipment. (Describe the methods and techniques to be used in conducting the project or activity and provide details of the equipment to be employed and how it is deployed)

A remote operated vehicle (ROV), equipped with 2 x stills camera, 1 x video camera and sector scanning sonar will be deployed from the SV Geosounder to complete non-intrusive visual observations of the wreckages and debris fields identified in the recently completed sonar discovery phase of the project. The ROV is manufactured by Sub-Atlantic and is a Comanche unit. The ROV "garage" is launched from the vessel via the port side Launch & Recovery System (LARS) and is supported by a 3,000m long multi-core umbilical. The free-swimming ROV is then deployed from the garage at the search depth and has a 200m umbilical that enables precise control of the ROV in heading, depth and location.

5. Risk minimisation strategies. (What measures are to be employed to minimise the risk of intentional damage or destruction of the historic shipwrecks or relics and their environs)

Risk minimisation strategies include: (i) use of a DP Vessel to launch, recover and operate the ROV will enable accurate positioning of the ROV relative to the wreckage sites; (ii) the vessel has redundant DGPS reference systems; (iii) the wreckage fields will be approached from their perimeters; (iv) the ROV will not be penetrating or entering the vessel's hulls; (v) all ROV visual surveys will be external to the hull structure and (vi) the ROV will not be removing any artefact or object from the vessel or surrounding seabed.

All of the above strategies will assist in minimising the possibility of the ROV tether being entangled in any object of the wreckages and / or destruction of the wreckages and their environs.

6. Project outcomes. (Reports, results and data to be produced by the project or activity)

The Finding Sydney Foundation, under the terms of the Commonwealth Funding Agreement, will be providing a copy of all Search records (written, photographic, sonar and video) and a Close-Out Report upon completion of all works to the West Australian Maritime Museum which has been advised by the Commonwealth as the future custodian of this data.

7. Qualifications of key personnel

Captain Dillon – Master Unlimited; DOF Subsea Australia P/L

Mr David Meams – B.Sc, MSc, FEC, FRGS – Search Director; The Finding Sydney Foundation

Dr Mack McCarthy – Dept of Maritime Archaeology, Western Australian Maritime Museum (Observer)

Lieutenant John Perryman - Senior Naval Historical Officer, RAN (Observer)