



INCAT TASMANIA PTY. LTD.  
A.C.N. 054 616 410

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Attention: News editors, producers, correspondents.

## Media Release

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# Incat delivers large new fast ferry to the government of Trinidad and Tobago

Australian Shipbuilder Incat Tasmania is celebrating the delivery of its latest large fast ferry, a 100 metre catamaran for the government of Trinidad and Tobago's National Infrastructure Development Company (NIDCO). *Buccoo Reef*, Incat hull 094, departed Hobart for Port of Spain on 21st January.

*Buccoo Reef* is another of Incat Tasmania's acclaimed new generation fast ferries fully designed and built in Australia. *Buccoo Reef* benefits from enhanced sea keeping qualities being completed with the recently introduced centre bow arrangement.

Incat Tasmania Chief Executive Officer Tim Burnell says "As islanders ourselves we fully appreciate the critical importance of maintaining comfortable and reliable year-round passenger and freight services.

"Incat has invested in extensive tank testing and studies using the latest computational fluid dynamics (CFD) and hydrodynamic free-running model test techniques. The result is the new arrangement to Incat's signature centre bow profile, ensuring *Buccoo Reef* is truly fit for purpose on year-round ferry operations on what is an exposed seabridge between Trinidad and Tobago," Tim Burnell says.

"The largest high speed ferry designed and built for Trinidad and Tobago, *Buccoo Reef* not only delivers enhanced sea keeping but also increased reliability, passenger comfort, capacity and economy with less operational downtime due to adverse weather conditions.

"We take the approach of doing things right from the outset; good design, the highest quality materials, quality workmanship by a highly experienced team; and rigorous pre-delivery trials and testing; a fact borne out by Incat having the lowest warranty claims in the high speed ferry industry" says Tim Burnell.

Pleasingly, *Buccoo Reef* has been constructed in Hobart utilising renewable green energy. "100% of the energy consumed in the manufacture of *Buccoo Reef* was derived from locally generated renewable green energy sources consisting of hydro, wind and solar," says Tim Burnell.

Flexible rubber mounts between the superstructure and hull will ensure passengers travelling on *Buccoo Reef* will enjoy an atmosphere of comfort and relaxation afforded by quiet and vibration-free lounges.

The vessel can accommodate 995 passengers and crew, with 175 truck lane metres plus 182 cars, or space for a total 239 cars on the main and mezzanine decks.

On contractual sea trials off the southern coast of Tasmania *Buccoo Reef* achieved maximum speeds in excess of 45 knots.

The *Buccoo Reef* is the 48th large commercial fast ferry built by Incat Tasmania and the ninth in excess of 7,000 gross tonnes delivered in the past 13 years.

The ship delivery voyage to Trinidad and Tobago is anticipated to take approximately a month via Tahiti and the Panama Canal.

*Buccoo Reef* is named after the largest coral reef in Tobago which was designated as a marine park in 1973. Its massive proportions contain a reef system of five reef flats that are separated by deep channels.

### **Buccoo Reef Principal Particulars**

Yard No:	094
Designer:	Revolution Design Pty Ltd
Builder:	Incat Tasmania Pty Ltd
Class Society:	DNV GL
Certification:	DNV +1A1 HSLC R1 Car Ferry "B" EO
Length overall:	100.0 metres
Length waterline:	92.4 metres
Beam moulded:	26.6 metres
Beam of Hulls:	4.5 metres
Draft:	3.7 metres
Speed:	39.5 knots at 100% MCR with 400 tonnes deadweight

### **Capacities**

Deadweight:	760 tonnes
Passengers:	995 passengers and crew
Vehicles:	239 cars, or 175 truck lane metres plus 182 cars

### **Machinery**

Main Engines:	4 x MAN 16V 28/33 STC marine diesel engines each rated at 7,280 kW
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Water Jets: 4 x Wärtsilä WXJ 1200 SRI  
Transmission: 4 x ZF 53500NR2H  
Ride Control: Naiad Dynamics active trim tabs aft and retractable T-foil

-ENDS-

Images [Buccoo Reef Images](#)

### **About Incat Tasmania**

Incat Tasmania provides optimal lightweight ship solutions for ferry operators and special service providers. From fast, flexible and efficient vehicle-passenger ferries to high-speed support vessels, crew ships and dynamic platforms, Incat sets the global benchmark in aluminium ship technology. Incat Tasmania's shipyard is located on Prince of Wales Bay at Derwent Park near Hobart, Tasmania, Australia. The facility incorporates more than 70,000 m<sup>2</sup> of undercover production halls, with two dry-dock areas capable of accommodating up to six large vessels under construction. A reputation for quality and excellence in production is supported by an experienced and dedicated workforce.

### **About NIDCO**

The National Infrastructure Development Company Limited (NIDCO) is a special purpose state enterprise, which was established by the Government of the Republic of Trinidad and Tobago in 2005. NIDCO develops and implements large-scale physical infrastructure projects in the transportation, water management, land and environmental protection sub-sectors. The primary services provided by the Company are procurement management, project management and management of marine transportation services.

### **About Tasmania during the Covid pandemic**

The island state of Tasmania has some of the world's most stringent biosecurity regulations. At the time of delivery of *Buccoo Reef* Tasmania has only had a total of 232 covid cases since the pandemic began, none of which are currently active. Incat production was thankfully not impacted and to ensure employees could work safely and productively significant changes were quickly implemented at the shipyard. Shipyard social distancing measures included distributing construction work throughout Incat's extensive facilities, splitting workers onto different shifts and staggering employee break times. Similarly, office staff were divided between two buildings – a new office complex that opened in 2018 and its previous head office. Some employees also worked from home. An increased hygiene and cleaning regime was introduced and yard visits restricted to essential personnel. Routine health checks and surveys were also implemented.

Images of Buccoo Reef are available at: <https://www.incat.com.au/vessel-gallery/094/>

For further information or interviews contact Incat Public Relations

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