

# Shipbuilding in Dael Riata

## Summary

Shipbuilding is the technological and economic engine of [Dael Riata](#). Through the pioneering work of the [Earls of Dalmuir](#), the kingdom has moved from artisanal construction to an industrialised “pattern” system, producing the fastest and largest merchant and war vessels in the known world.

## Description

### Industrial Innovation

Daelian shipyards, particularly those in [Dalmuir](#), have achieved global dominance by standardising components and construction designs. This system allows for parallel processing: while one team lays a keel, others pre-cut ribs and planking to established templates. This has reduced the build time for elite vessels, such as the Daelian Raider, to as little as three months.

### The 400-ton Merchant Class

The 400-ton merchant ship represents the forefront of naval engineering. These massive caravels are too large for oars and rely on complex three-mast rigging.

#### Launch Timeline (Dalmuir Prototypes):

- **Prototype 1:** Keel laid Spring 766; launched **Spring 769**.
- **Prototypes 2 & 3:** Keels laid Summer/Autumn 766; launched **769**.
- **Prototype 4:** Started Summer 768; completed **Winter 769** (17-month build time).

By 774, Dalmuir alone had produced 30 of these hulls. The only other shipyards capable of matching this scale are located in [Dalreoch](#), [Duffjordhead](#), and [Kronstadt](#) in Skyss.

### Primary Shipyards

- **Dalmuir:** The foremost shipyard in the world, featuring 8 elite 400-ton slipways. It is fed by high-quality timber from the forests of the River Aodh.
- **Duffjordhead:** A dedicated centre for shipbuilding owned by [House Sioltach](#), featuring 2 elite 400-ton slipways.
- **Dalreoch:** The capital's yards focus on both new construction and servicing foreign vessels, operating 1 elite 400-ton slipway and several 300-ton and 200-ton bays.

# Relationships

## People

- [Ian Gilruary](#): The 1st Earl of Dalmuir, whose interest in practical knowledge established the foundation for Daelian naval dominance.
- [Earsaid Alpin](#): The Reader of Naval Engineering at the [University of Dalreoch](#), currently researching improved hull designs.
- [King Alasdair V](#): Patron of the shipyards whose personal rule has focused on expanding the royal merchant fleet.

## Places

- [Dalmuir](#): The industrial heart of Daelian shipbuilding.
- [University of Dalreoch](#): Proposed site for the new Chair of Naval Engineering.
- [Kronstadt](#): The Skyssian capital and primary competitor to Daelian shipyards.

<a href="#">Skyss - Story Background</a>	<a href="#">Characters</a>	<a href="#">Skyss - Places</a>	<a href="#">Pantheon of Skyss</a>	<a href="#">Other Background</a>
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