




# Chōuryū Torpedo, Heavy

A surface/subsurface standoff munition and long range sensor platform manufactured by [Yugumo Corporation](#), the Chōuryū Heavy Torpedo was designed by [Yugumo Fleetworks](#) and released in late YE 44. Chōuryū (潮流) is [Yamataigo](#) (邪馬台語) for “Tidal Current.”

## History and Background

With the development of the [Umikagami Subsurface Operations Suite](#), in YE 44, the subsurface operations it enabled required appropriate weapons and remote sensor capacity. As a modern guided munition is essentially a drone with a self destruct, it was natural to combine the two missions into a single platform capable of carrying out both. It was designed to be launched from the [Chōuryū Subsurface Torpedo/Sensor Platform](#).

## General Information

A Chōuryū torpedo is a sleek, [Durandium Alloy](#) cylinder, tapered at both ends. The front is a rounded  [ogive](#) that contains the warhead, sensors and [supercavitating shield emitters](#). At the rear is the thrust vectoring engine nozzle and retractable, steerable guidance fins. The torpedo's  [Magnetohydrodynamic Drive](#), a pared-down derivative of the [Hoshi III Series Multi-stage Turbo Plasma Drives](#), requires a magnetic fluid, such as seawater, to operate. In similarly dense, but less conductive fluids, a  [pump jet](#) is used instead. It allows for similar speeds but has a much larger signature.

The control unit and sensor systems are a [KAIMON](#) Passage system with the [Umikagami Subsurface Operations Suite](#). The torpedo hull itself is [Tier 7, Light Mecha](#).

Chōryū Heavy Torpedo, 5m×500mm	
Year of Creation	<a href="#">YE 44</a>
Weapon	<a href="#">Chōuryū Subsurface Torpedo/Sensor Platform</a>
Designer	<a href="#">Yugumo Fleetworks</a>
Nomenclature	<a href="#">Yu-Z1-1A</a>
Alt. Nomenclature	None
Manufacturer	<a href="#">Yugumo Corporation</a>
Fielded by	<a href="#">Yugumo Corporation</a> , <a href="#">Yamatai Star Empire</a>
Availability	Mass Production
Price	5000KS

- Depth Rating:
  - Design Depth: 500m
  - Test Depth: 640m
  - Maximum Operating Depth<sup>1)</sup>: 3200m

- Crush Depth: 19,000m
- Components:
  - Chōuryū Heavy Torpedo Hull and Chassis (Yu-Z1-F4500)
  - Chōuryū Heavy Torpedo Variable-Yield/Variable-Geometry, High-Explosive Warhead (Yu-Z1-W4500)
  - [KAIMON](#) Passage Control and Sensor Unit (Yu-Z1-E4500)
  - [Umikagami Subsurface Operations Suite](#) (Yu-Z1-E4501)
  - 🌀 [Magnetohydrodynamic Drive](#) and 🌀 [Pump Jet](#) (Yu-Z1-P4500)

Ammunition Stats

The Chōuryū Heavy Torpedo has a variable-yield/variable-geometry high-explosive warhead. It may operate in an unarmed sensor mode, and may detonate for effect in a highly-directed geometry for maximum effect against large targets with minimal collaterality, or an omnidirectional geometry for use against formations of smaller targets. In omnidirectional geometry mode, when exploding under the surface, it delivers the maximum yield set (Up to [Tier 9, Heavy Anti-Mecha](#)) in a 20m radius, less one [damage tier](#) per 5m distance outside of that. When set above the minimum yield ([Tier 0](#)), it additionally does [Tier 0](#) damage for another 10m outside the final [Tier 1](#) radius, enough to stun or kill most small aquatic life or unarmored humanoids.

Damage Rating	<a href="#">Tier 9, Heavy Anti-Mecha</a>
Size	5m in length
Caliber	500mm
Damage Description	Variable Yield/Variable Geometry High Explosive
Effective Range	≈100km versus large moving target
Muzzle Velocity	Maximum 480kt 🌀 <a href="#">supercavitating</a>
Muzzle Blast	A plume of fluid and bubbles in impulse mode, none in swim-out mode.
Recoil	Significant in impulse mode, negligible in swim-out mode.
Energy Source	🌀 <a href="#">Magnetohydrodynamic Drive</a>

OOO Notes

[Yuuki](#) created this article on 2022/12/18 19:18. [Approved here](#) by [Wes](#).

Products & Items Database	
Product Categories	weapons: torpedoes
Product Name	Chōuryū Torpedo, Heavy
Nomenclature	Yu-Z1-1A
Manufacturer	<a href="#">Yugumo Corporation</a> , <a href="#">Yugumo Fleetworks</a>
Year Released	<a href="#">YE 45</a>
Price (KS)	5,000.00 KS
DR v3 max	Tier 9

1)

## “Never Exceed”

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