

Ac-L2-01b Ys-class Trawler

The Ac-L2-01b Ys-class Trawler is a large-scale fishing barge created by [Ahmida Civiltech](#) in [AR 874](#).

About the Ship

The Ys-class is a well-performing interplanetary fishing trawler designed for the harvesting of flora and fauna from natural or artificial aquatic environments. It boasts a capacity of several dozen small shuttles and aircraft for prospecting and fishing, and numerous pisciculture tanks that allow it to keep its cargo live. In a pinch, it can also be used to carry a bulk cargo of clean [water](#) for commerce.

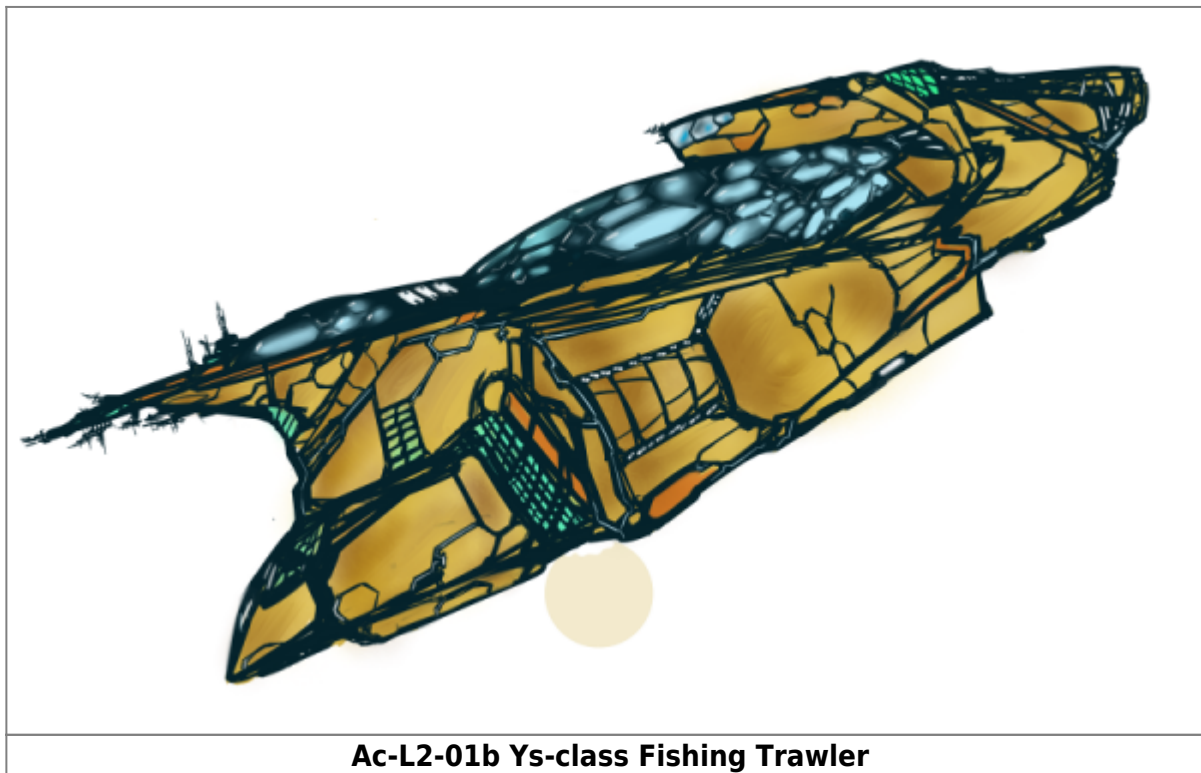
Key Features

- Large cargo capacity.
- Carries repurposed [Quodr](#) for field operations.
- Pisciculture tanks.
- Able to submerge and float on water.

Mission Specialization

- Fishing and food production.
- Water transport.
- Exploration of aquatic planets.

Appearance



Ac-L2-01b Ys-class Fishing Trawler

History and Background

The Ys was designed as part of an initiative to move pisciculture and industrial-scale fishing off-world from the ecologically fragile regions of [Hlarai](#) and [Maekardan](#) and onto artificial environments that would be better controlled and harvested. In order to properly make use of those investments, a number of large-scale fisheries commissioned [Ahmida](#) to develop fishing vessels that could sample local undersea ecologies, catch fish on a massive scale and store them effectively for transport. A secondary feature and consequence of the large-scale 'live' holding tanks is the ability to re-purpose them for fish farming, so a ship may remain profitable during moratoriums or if the owner does not wish to engage in on-site fishing operations.

Like its predecessor, the [Ur](#), the Ys is a comfortable and functional vessel with personnel quarters that compromise on space but not on comfort. Although less produced than the Ur, the Ys has a reputation for reliability and quality. Many of the ships produced in the AR 870's are still in operation now.

Statistics and Performance

General

Class: Ac-L2-01b Ys-class Trawler Type: Large Fishing Barge/Carrier Designers: [Ahmida Civiltech](#)
Manufacturer: [Ahmida Civiltech](#) Production: Mass Production¹⁾ Fielded by: [Iromakuanhe Astral Commonwealth](#)

Passengers

Total Crew: 230 Starship Operations and Command: 24 Medical and Maintenance: 22 Security: 80
Support Staff: 104

Maximum Capacity: An additional 400 passengers may be taken aboard, but life support systems will be strained and require additional resources. Living space will be very cramped.

Dimensions

Length: 611 meters (2005 feet) Width: 116 meters (381 feet) Height: 161 meters (528 feet)
Decks: 11

Propulsion and Range

Atmospheric: 300 KM/H Surface: 80 KM/H Underwater: 40 KM/H

Sublight Engines: .05c Range: 8 months Lifespan: 80 years Refit Cycle: Once a year.

Damage Capacity

See [Damage Rating \(Version 3\)](#) for an explanation of the damage system.

- Hull: 25
- Shields: 18 (Threshold 3)

Inside the Ship

Deck Layout

Deck	Sub-Compartments
Deck 1	Bridge, Crew Quarters, Primary Communications Node
Deck 2	Lounge, Cafeteria, Locker Room, Storage Bay 1, Docking Port
Deck 3 - 11	Pisciculture Tanks, Storage Bays 2 - 10, Shuttle Bays, Engineering Access
Deck 4	Waste Disposal, Secondary Docking Port

Crew Areas

- [Ahmida Hallways](#)
- [Ahmida Locker Rooms](#)

- [Ahmida Lounges](#)
- [Ahmida Personnel Quarters](#)
- [Ahmida Cafeteria](#)

Commercial Areas

- [Ahmida Hallways](#)
- [Ahmida Engineering Bay](#)
- [Ahmida Shuttle Bay](#)
- [Ahmida Storage Bay](#)

Ship Systems

Armored Hull and Hull Integrated Systems

- [ADNR \(Aggregated Diamond Nanorods\)](#)
- [ARTC](#) Windows and Water Tanks w/ Self-Polarizing Coating

Computers and Electronics

- [Organoid Natural Intelligence](#)
- [Iromakuanhe Communications Technology](#)
 - Short Range: Radio, Laser and Microwave
 - Long Range: [MASC-Assisted Radio](#)
 - Internal: Fiber Optic
- [Iromakuanhe Sensors Technology](#)
 - Short Range: RADAR, [LADAR](#)
 - Long Range: [Subspace Mass Sensors](#)

Emergency Systems

- The Ur-class-class uses all of the following Emergency systems, with the exception of the Aerudirn Autosealing.
 - [Solon Emergency Systems](#)

Life Support Systems

- [GB \(Gravitic Boundary\) System](#)

Propulsion

- [GravElectric \(GE\) Lifter](#)

Power

- [COFU \(COld FUsion\) Reactor](#)

Shield Systems

- [Resistor Barrier Shield](#)
- [Kinetic fORce Diffuser \(KORD\) System](#)
- [Repulsor Burst Field](#)

Weapon Systems

- (1): [So/Ac-L2-W0874 Navigational Laser Cannon](#), Forward Mounted

Vehicle Complement

Shuttles

- (8): [So-T1-1a Waka class Shuttle](#)

Utility Craft

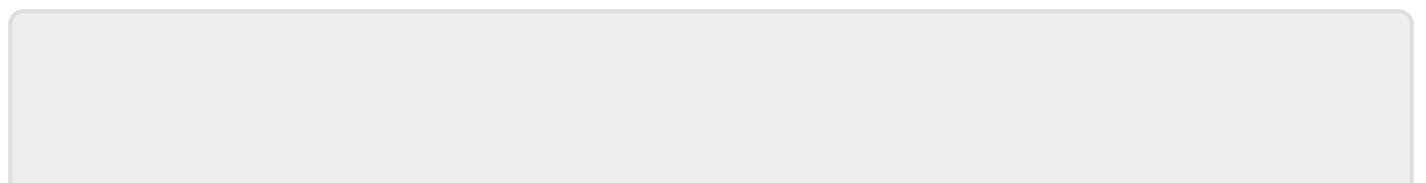
- (48): [Ac-Y1-1a Quodr Liftracer](#) w/ Fishing Kit

OOC Notes

Approved [here](#).

¹⁾

Roughly 5000 units produced and sold since AR 874.



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