

# 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.

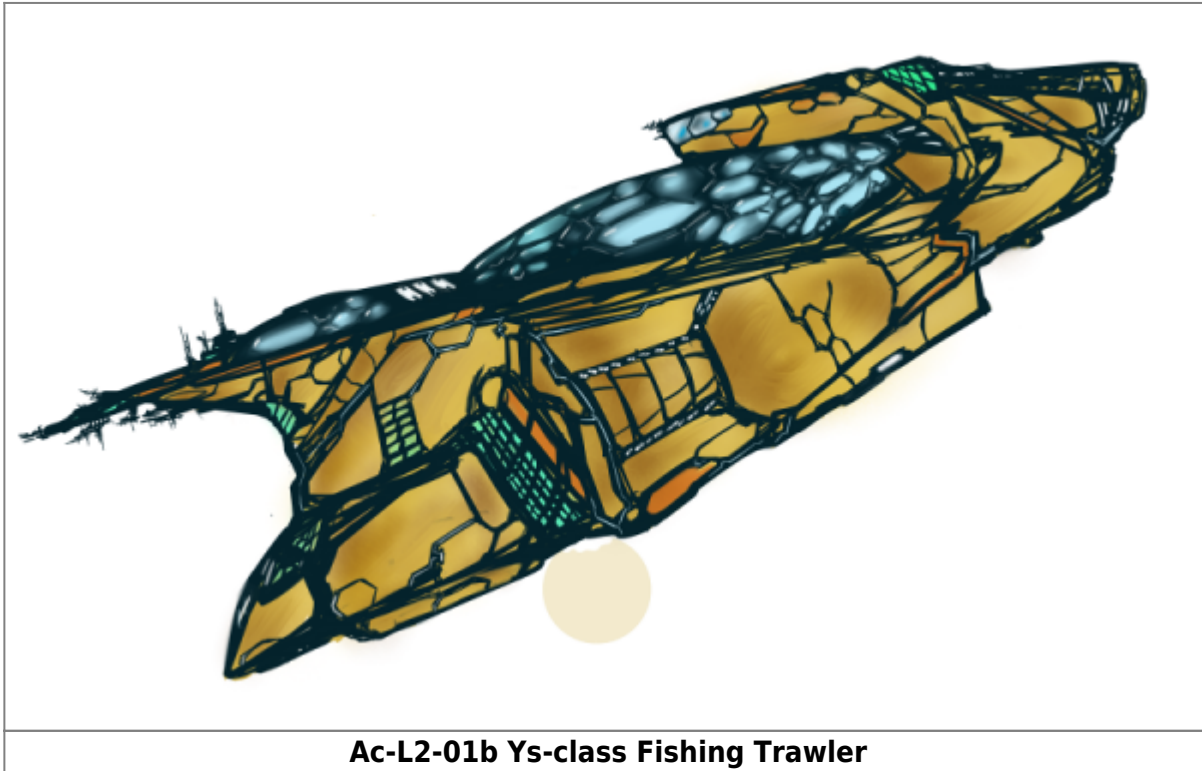
## Key Features

- 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 Production<sup>1)</sup> 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.
  - [Solun 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

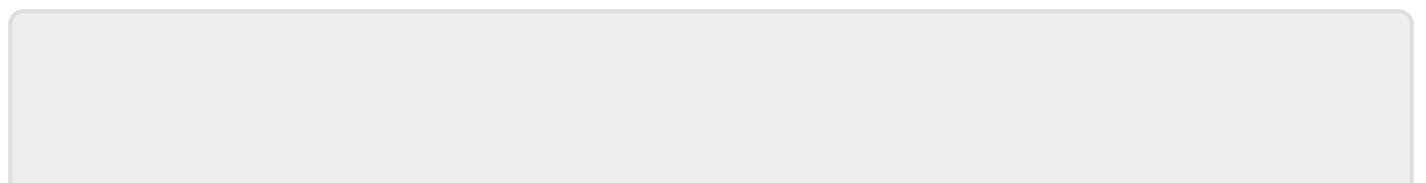
- (48): [Ac-Y1-1a Quodr Liftracer](#) w/ Fishing Kit

## OOC Notes

Approved [here](#).

<sup>1)</sup>

Roughly 5000 units produced and sold since AR 874.



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