StarChaser II Class Civilian Ferry

In YE 30 following the declaration of independence of the United Outer Colonies. The United Outer Colonies desired an upgrade to their civilian transportation system. Motoyoshi Fleet Yards responded with a successor to the original StarChaser Class Civilian Ferry. Increasing the capacity, speed,range and cargo services to accommodate nation's growing size.

Organizations Using This Vessel

United Outer Colonies Yugumo Cluster Civilian Transportation Authority (YCCTA) Motoyoshi Fleet Yards

Vessel Role Classification

Civilian Commuter Transport

Class Designation

My-Y1-2a 'StarChaser II Ferry'

Designers

Motoyoshi Fleet Yards

Manufacturer

Motoyoshi Fleet Yards, Jiyuu System

Production

Active

Price

Negotiable, depends on volume of sale.

Passengers & Crew

Personnel: 33 **Recommended Capacity:** 2000 Passengers **Maximum Capacity:** 2350

Vessel Dimensions

Length: 600m **Width:** 125m **Height:** 60m **Decks:** 5

- Deck 1: Bridge, Systems.
- Deck 2: First Class, Premium Services Kiosk
- Deck 3: Coach, Commuter Services Kiosk
- Deck 4: Engineering, Systems
- Deck 5: Cargo

Performance

Speed (CDD): 8,000c **Speed (STL):** 0.25c **Speed (Arial):** 360km/hr **Speed (Water):** 8 knots

Range: Limited by the Lifespan of the vessel. **Lifespan:** Fifty years of continual use. **Refit:** 1 year refit cycle. Maintenance packages available for sale

Notable Internal Features

Deck 1

Bridge

A simple half circle shaped bridge (forward half of the dome on dorsal surface), with a captains chair facing inwards from the apex towards a group of central stations. Bridge stations include:

- Navigation
- Sensors/Comm/Schedule Ops
- Pilot/Engineering

Consoles and interfaces are simple touch response pads, the chairs are high backed padded leather ergonomically tested for superior comfort. The default color scheme is gray with blue accent and trim. Purchaser can request a customized scheme for additional cost.

Crew Bunks and Systems Space

The aft half of the upper dome is combined space for crew bunks and the upper systems bay. The Upper systems bay is used to house the ship's sensor, communications, navigation and computing systems. A small area is usually set aside to accommodate crew members on their breaks, bunk beds,a small restroom, a simple table with chairs, vending machines, and some storage lockers.

Deck 2

Premium Services Kiosk

Designed to serve those passengers with money to spare. From slot machines,a small boutique selling Yugumo Cluster tourism collectibles, to a small cafe with sommelier service the premium service kiosk provides its customers with ample opportunities to cash in their credits and gorge themselves in luxury. Fee-based Hyperspace communication and data service booths are also available to passengers. Finely decorated restrooms are located on the starboard side. A central corridor from the aft section leads to the First Class Section.

First Class Compartment

Seating for up to 600 passengers.The First Class compartment is down the central access corridor from the Premium service Kiosk. The chairs in this section are large, and comfortably padded leather, each complete with a volumetric projector for fee-based movies and entertainment as well as Hyperspace communications. The First Class section is designed to have wait staff service from the cafe, drop down tables are included on the back of each seat. Escape pods can be accessed on each side of the section. Restrooms are located off the aft section. Loading airlock is located centrally between the two restroom facilities.

Deck 3

Coach Passenger Section

Seating for up to 1400; the Coach section has little to offer besides simple padded chairs, plain restrooms, and an in flight movie, or in some cases promotional commercial program for those who can see the screens at the forward-most part of the compartment. Restrooms are located both starboard and port aft as well as access to the Commuter Services Kiosk via a small passage way in between the two restrooms. Escape pods are accessible on both the port and starboard sides of the section. A central stairway leads up to the First Class compartment. Loading airlocks are located starboard-forward and port-forward.

Forward Landing

A small compartment where the stairs come down from the Upper Systems Bay and continue down to the Engineering Section. Crew-only access door leads into the Coach Passenger Section.

Commuter Services Kiosk

A small snack bar and information booth located aft of the Coach Passenger Section. Nothing fancy here; purchase connecting or future tickets, simple preprocessed food items from vending machines, ten fee-based hyperspace communications and data booths.

Deck 4

Engineering

An entire deck devoted to systems, the focal points of the room are the compressed helium containers and the other components of the Link Siphon Systems.

Deck 5

Cargo Hold

A moderately sized cargo bay for the storage of luggage, supplies located beneath of the Engineering Section. Airlock access is located on both the port and starboard side of the bay.

Systems

Hull

- *My-Y1-H3001* StarFerry Spaceframe Hull Construct

The primary spaceframe is constructed of titanium steel alloy truss frames interlocked together. These major trusses are arranged in higher concentration around the sections of the vessel that are most likely to become stressed like around the CDD nacelles, airlocks and to provide additional strength to areas such as the bridge and engineering. Force field generators are arranged at major truss junctions to provide additional strength.

The outer primary truss frames are plated with Depleted Uranium to provide a meager level of protection from attack.

Secondary framework is nested within the primary space frame to provide additional support and provide support for ships systems. The secondary frame is composed primarily of small steel alloy trusses and rods lined with steel meshing.

Damage Rating: 3.

Integrated Hull Systems

Shielding

Utilizes a combination of gravitational and electromagnetic shielding; the shields are primarily designed to provide protection from debris and other hazards, but can provide moderate protection during potential combat situations.

Damage Rating: 4.

Shield Generators

- Dorsal
- Ventral
- Starboard
- Port

Graviton Projection Arrays (2)

Capable of producing graviton beams and fields which can be used to tow other spacecraft, containers or shuttles. The projector is ineffective against ships using gravitic shielding.

Mounting Ports (2)

Umbilicals and airlock systems allowing the StarcChaser II to docking with other vessels.

'Lollipop' Computer Suite

- *My-Y1-E3001*

A simple non-quantum computer system used to manage the ship's systems such as propulsion, navigation, sensors, communications, life support, etc.

Communications

The StarChaser Ferry is equipped with:

- Hyperspace communications
- Radio communications
- Laser communications

Waste Recycling System

- *My-Y1-V3001*

Takes wastes from drains, toilets and garbage receptacles extracts and purifies water and jettisons the remaining waste into space.

Power Systems

- Type 30 Link Siphon (Retconned)

Propulsion Systems

- Modified Civilian Version Mizu Series CDD Drive -- Nami Assembly

Maximum CDD speed reduced to 8,000c.

- Modified Civilian Version Hoshi Series Gravimetric Drive -- Ginga Model

Maximum STL speed reduced to 0.25c.

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