

HS-SD2-1a Âmuso Sae Ibâka (Bright Star of Hope) Diplomatic Ship

The Âmuso Sae Ibâka is the newest Diplomatic vessel in the [Poku Saeruo Degonjo](#) inventory. The first went into service late in [756 CY \(YE 37\)](#).

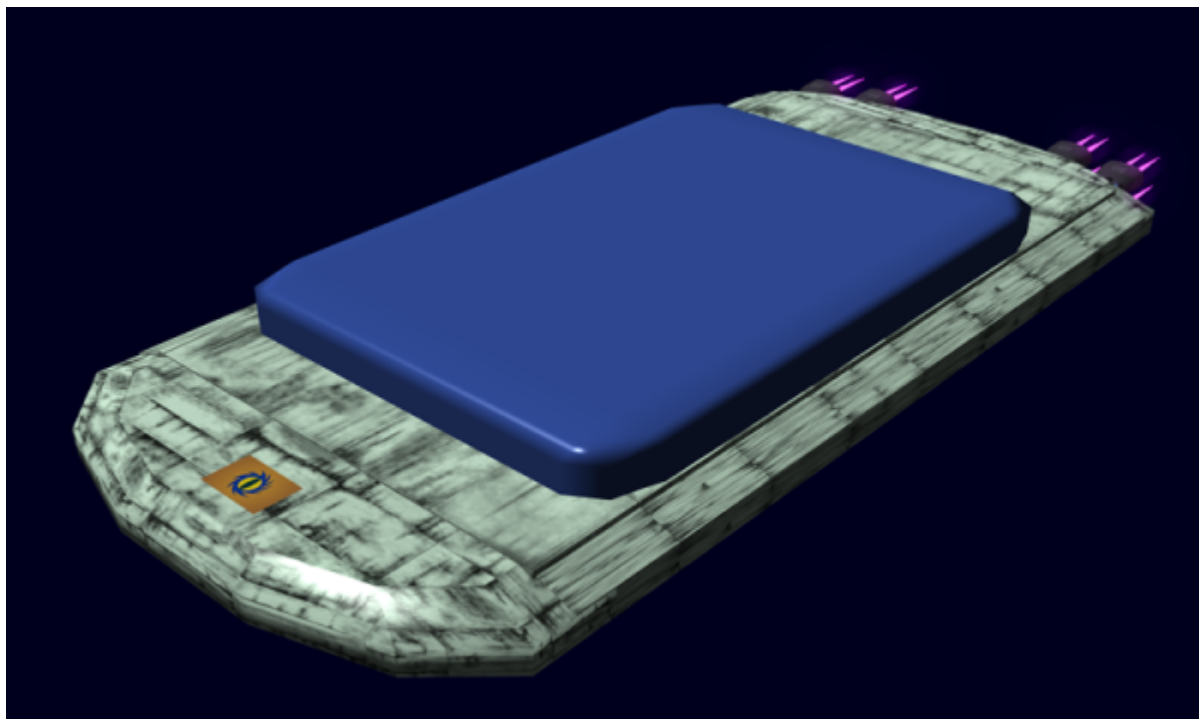
About the Âmuso Sae Ibâka

The Âmuso Sae Ibâka Diplomatic vessel was created to allow diplomatic missions into space controlled by [Defense Arrangement Treaty \(of the\) Alliance of Signatory States](#) nations. With the restrictions on fighting/military craft operating within [Yamatai Star Empire](#) space this design was created to use technology that their allies were familiar with.

Work began early in the year, but due to certain aspects the first ship was not able to launch until late in the year. One unique aspect of the ship is that it uses [Kujopnor Ikâ \(Ground Repulsion\)](#) when it arrives to its destination. This means the vessel does not come into contact with the surface of the world, and maintains its sovereign status.

Appearance

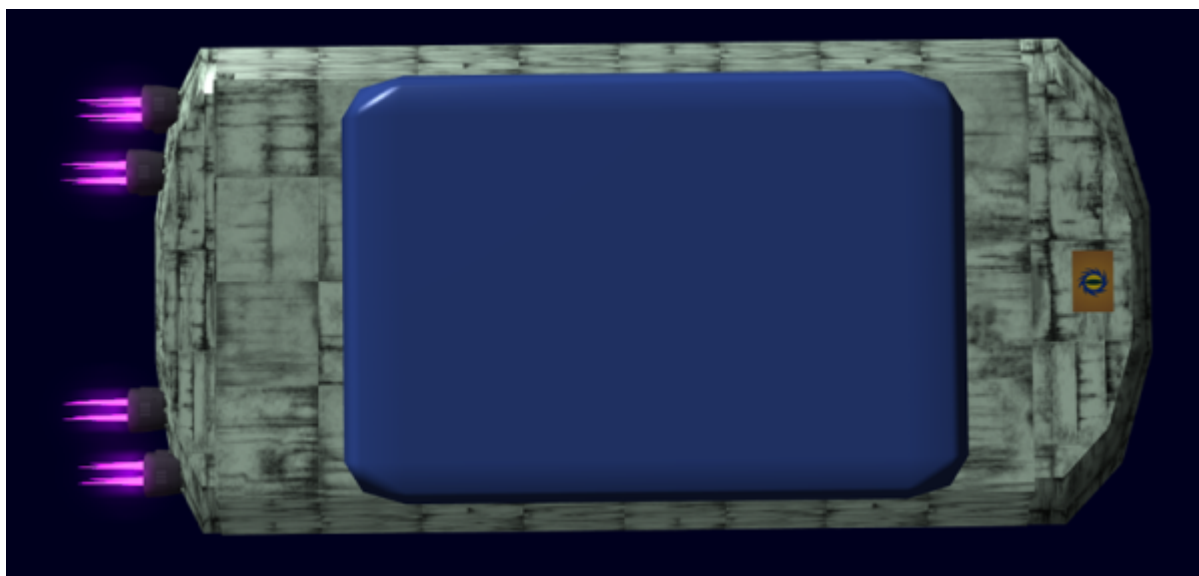
The ship is rectangular with rounded bow and stern. Eight plasma drives are visible on the stern and the clan flag is on the bow. On the bottom of the ship are the emitters which keep the ship off the ground. Also visible are the ramps for entry, and the landing feet for when the ship returns to clan space. On the lower part of the bow doors are visible which are used for aerospace craft.



History

The ship design was initiated by [tarbah_leyto](#) as a vessel to promote understanding between the clan and the other species of the sector. The design was influenced by the need to build a ship that would not expose tactical systems to scrutiny by other factions. The first ship of the class went into service in the last month of the clan year.

Statistical Data



General

- Class: Âmuso Sae Ibâka-class (Bright Star of Hope)
- Nomenclature: HS-SD2-1a
- Type: Diplomatic
- Designers: [Otâmovi Wiy Jael \(Silver Moon Sect\)](#)
- Manufacturer: [Otâmovi Wiy Jael \(Silver Moon Sect\)](#) on [Poku Movi Vamâqi \(Clan Void Berth\)](#)
 - Cost: 2,500,000 [Odawina \(OW\)](#) Gold

Crew and Accommodations

- Crew:
 - Passengers:
- Maximum Capacity: There are accommodations for personnel
 - Emergency Capacity: people can fit aboard in an emergency, but the ship would be extremely cramped.

Dimensions

- Length: 1,650 meters (5,413.4 feet)
 - Width: 800 meters (2,624.67 feet)
- Height: 175 meters (574.15 feet)
- Decks: 31 (4 meters each)

Habitat

- Length: 1,000 meters (3,280.84 feet)
- Width: 700 meters (2,296.6 feet)
- Height: 50 meters (164 feet)

Propulsion and Range

Speeds

The *Yome Nuiqa* is an agile vessel.

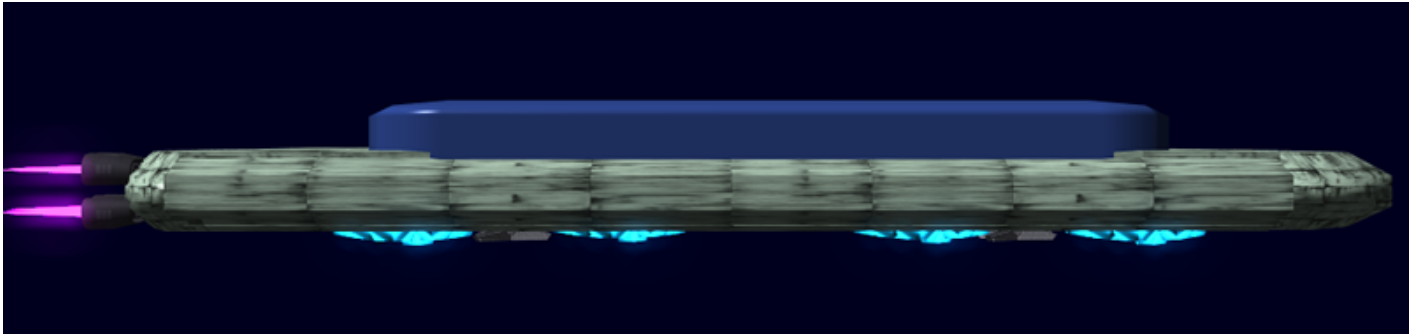
- Atmospheric: 6 Mach (7,350 km/h) 4,566 mph
- Ground: 200 kph (using [Kujopnor Ikâ \(Ground Repulsion\)](#))
- [Tinvymai Tyokame \(Plasma Drives\)](#)
- Class 3C Maximum speed .35c (~104,927 kilometers per second) (~65,198 miles per second)
- [Tinvyma Piatypedâ \(Wave Rider Drive\)](#)
- Class S (3,652.5c (10 ly/day))

Durability and Maintenance

Service Lifespan: Estimated 20 years of constant use, possibly longer with refits.

Refit Cycle: Routine updates are done when returned to [Degonjo Saeruo \(Hidden Sun System\)](#) by the [Otâmovi Wiy Jael \(Silver Moon Sect\)](#) at the [Poku Movi Vamâqi \(Clan Void Berth\)](#)

Inside the Âmuso Sae Ibâka



The Âmuso Sae Ibâka consists of two separate areas. The most prominent is the Habitat. This area includes an actual clan town, an embassy and animal preserves. The second section is the Ship Aspect which contains all the functions of a starship.

Ship Aspect

This section lists the compartments found beneath the habitat. This area is primary occupied by the ship's crew.

Decks 1 - 4

This section provides the support systems for the habitat, it has the following

- [meeting_room](#)
- [Kya Norjopa Ruo'sa \(Water Processing Room\)](#)
- [Bajao'te/Sumanâ'te Ruo'sa \(Repair Fabrication Room\)](#)
- [Nyora'a Ruo'sa \(Engineering\)](#)
- [Damira Ruo'sa \(Environmental Room\)](#)
- [Wunyli Gianaka \(Fuel Storage\)](#)

Decks 5 - 14

This is where most of the crew works and spends their time.

- Niu'te Ruo'sa (Airlock)
- Tâvygoa Rousa (Armory)
- Jodau Ruo'sa (Brain Room)
- Wuny Movi (Space Locker)
- Tâvygoa Ruo'sa (Fire Control)
- Wapoin'te Ruo'sa (Fitness Room)
- Giana Ruo'sa (Galley)
- Ra'alu Ruo'sa (Prisoner Room)
- Uosme Wunyasa (Life Station)
- Vakâme Ruo'sa (Lounge)
- Vonaniom fofipa (Laundry)
- Wapoin Rou'sa (Medical Room)
- Gianate Ruo'sa (Eating Room)
- Gabofofi Ruo'sa (Scullery)
- Wuny Tin (Ship's Locker)
- Siamia Ruo'sa (Divine Room)
- Daho'ka Ruo'sa (Battle Room)
- Jyaon Ruo'sa Ka (Large Bridge)
- meeting_room

Decks 15 - 25

- meeting_room
- Kya Norjopa Ruo'sa (Water Processing Room)
- Bajao'te/Sumanâ'te Ruo'sa (Repair Fabrication Room)
- Nyora'a Ruo'sa (Engineering)
- Damira Ruo'sa (Environmental Room)
- Wunyli Gianaka (Fuel Storage)
- Anoka Ruo'sa (Shield Room)

Decks 25 - 31

- Wuny-me Rousa'ka (Cargo Hold)
- Rounor Âdortin'sa (Shuttle Bay)
- Rounor Kyntago (Probe Bay)

Necessities

Most facilities except for the baths are found through out the ship for hygiene purposes.

- [Abukai \(Baths\)](#)
 - [Fofinor Hapu \(Hand Baths\)](#)
 - [Fofinor Ta'a \(Leader Bath\)](#)
 - [Fofinor Abuka \(Communal Bath\)](#)
- [Ânamusme Wunyasa \(Damage Station\)](#)

Passages

These are found through out the ship.

- [Kâur Goa \(Corridors\)](#)
 - [Kâurikâ Goa \(Horizontal Corridors\)](#)
 - [Kâurâdor Goa \(Vertical Passages\)](#)
- [Beâte Ruosa \(Lifts\)](#)
- [Lekaokâur \(Crawl way\)](#)

Habitat

The habitat is covered by [Mâqitua'tomin \(Transparent Light Metal\)](#) which allows the amount of light coming in to be controlled. When the ship is on planet the surface is set to maximum transparency. This area is equipped with the [weather_systems](#).

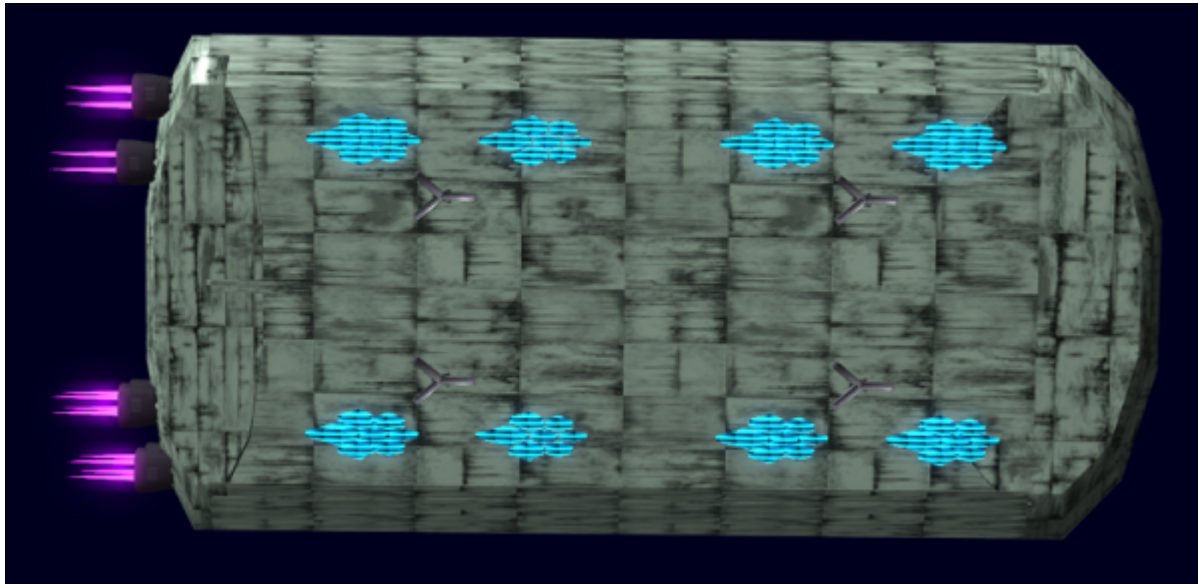
The habitat's function is to provide visitors with a glimpse of life in the clan. This is not a recreation with actors, the folks in the habitat are citizens of the clan who live in a town that moves. Obviously their situation is someone different with aliens visiting, but otherwise they live their lives as other [Poku'vonai](#) do. On the port side of the town, a [Ruohu Giba'te](#) is present for the baqli of the community. The structures within the town are built to [Ruohu-jyaoni \(Architecture\)](#)

At the very center is a town that houses between 1 to 5,000 occupants; depending on the age of the town. Residents sign up for a minimum of 1 year, but can sign up for 5 to 10 years. The town is an actual town and those who live there call it their home. Visitors are expected to behave as if they were in a planetary community. On the edge of the town an [Kavoráy Rouka \(Embassy\)](#) is located.

Around the town as is typical of planet side ones; are fields of crops and trees of fruit bearing varieties, and non-fruit bearing.

The habitat also provides areas where visitors can see various animals that are common to the clan.

Systems



The Âmuso Sae Ibâka uses existing clan technology for its components.

Armored Hull

The Âmuso Sae Ibâka hull is constructed on a [Mâqirây \(Bound Metal\)](#) frame, covered in [Saemâqi \(Star Metal\)](#) plating.

Computer

The Âmuso Sae Ibâka uses a [Jodau Yoqajo \(Integrated Brain\)](#) for its primary computer system. The various sub-systems and stations use [Jodau Fiqorka \(Module Brain\)](#) for additional computational power.

Life Support

The Âmuso Sae Ibâka has all of the standard [Poku Saeruo Degonjo Damira Norjopa \(Environmental Systems\)](#).

Power

Like all clan vessels, the ship has multiple power systems for redundancy.

Primary Power

The Âmuso Sae Ibâka uses four [Movi Geanme Tyokanorjopa \(Quantum Foam Reactor\)](#) to power primary system. It is tied to a [Gean Norjopa \(Generator\)](#).

Secondary Power

The *Âmuso Sae Ibâka* uses a eight *Sumanâ-a Tyokanorjopa (Fusion Reactors)* to provide backup power, each has its own *Gean Norjopa (Generator)*

Tactical Power

The *Âmuso Sae Ibâka* has a number of *Âmanus Tyokanorjopa (Anti-Hydrogen Reactor)* to provide power to tactical systems, each has its own *Gean Norjopa (Generator)*

Propulsion

Âmuso Sae Ibâka is the first starship in *Poku Saeruo Degonjo* to not have a *Tinvyma Movidoanor (Tunnel Drive)*.

Atmospheric

The *Âmuso Sae Ibâka* uses *Heim Gravity Generators* for propulsion in atmosphere for landing and take-off.

Ground

The *Âmuso Sae Ibâka* uses eight clusters of *Kujopnor Ikâ (Ground Repulsion)* which keep the ship at 3-10 meters off the surface of a planet. They are capable of maneuvering the ship on the surface; however they are not designed for high speed.

STL Drive

The *Âmuso Sae Ibâka* is equipped with four Class 3C *HS-SD2-P757/00 - Tinvymai Tyokame (Plasma Drives)*.

FTL Drive

The *Âmuso Sae Ibâka* is equipped with a Class S *HS-SD2-P757/01 - Tinvyma Piatypedra (Wave Rider Drive)*

Thrusters

The *Âmuso Sae Ibâka* is equipped with two thousand *HS-SD2-P757/03 - Gean Vymasa (Ion Thruster)*s for minor attitude corrections.

Sensors

The *Âmuso Sae Ibâka*-class ship has the complete set of *Tinsae Mâbor'a (Starship Sensors)*.

- *HS-SD2-E757/00 - Quantum Flux Detector*
- *HS-SD2-E757/01 - Subspace Sensors*
- *HS-SD2-E757/02 - Gravimetric Scanner*
- *HS-SD2-E757/03 - Imaging Cluster*
- *HS-SD2-E757/04 - Ranging*
- *HS-SSD2-E757/05 - Targeting RADAR*

Shields

The *Âmuso Sae Ibâka* has the following shield systems.

- *HS-SD2-E757/00* for tactical situations
- *HS-SD2-E757/01*

Weapon Systems

The *Âmuso Sae Ibâka* has no offensive weapons.

It is equipped with 100 *Kujop'a Rotyka (Repulsion Cannon)* to defend against projectiles.

Vehicles

The *Âmuso Sae Ibâka* is capable of carrying the following vehicles.

Shuttle Bays (4)

Each shuttle bay can accommodate the following or varying combinations:

- 25 *HS-AS1-1a "Yome'iko" Âdortin'sa Vona'â (Two-person Flitter)*
- 25 *HS-AS2-1a "Dyet'una" Âdortin'sa Vona'oâ (Six Person Flitter)*
- 20 *HS-AS3-7A Âdortin'sa Avuoten (Thunder Shuttle)*

Ground Bays (4)

These bays are for storing ground vehicles as required. These are typically used during loading and unloading the ship.

- 24 [HS-GV1-1a Saâdor Ikâ \(Ground Glider\)](#)

OOC Notes

- Article and artwork created by [nashoba](#). Approved on 23 June 2017.¹⁾

¹⁾

<https://stararmy.com/roleplay-forum/threads/hs-sd2-1a-%C3%82muso-sae-ib%C3%A2ka.58725/post-349472>

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