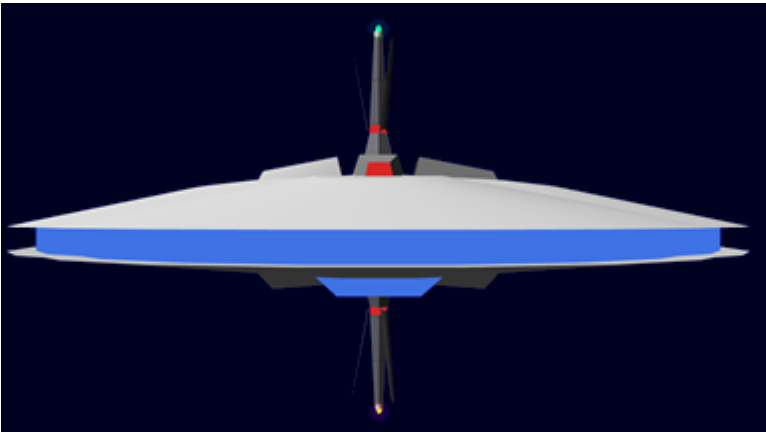


Kisaki - Habitat Module

The Habitat Modules are the primary module of the [Kisaki Starbase](#). This article provides details on the common aspects of these modules. Links are provided to subsections that detail some basic configurations. One of the most prominent external features of the module are the two antenna arrays, which also serve as mounts for anti-collision lighting.

In the event of an emergency the Habitat Modules can detach from the *Kisaki Starbase* and move off under their own power. This allows them to serve as giant lifeboats.



Statistical Data

General

Organizations Using Module: [Scientific Studies Service \(SSS\)](#), [Star Army of Yamatai](#) Class: Habitat
Nomenclature: Ke-H4-M3101 Type: Kisaki-Module

Crew and Accommodations

Crew: 100 Passengers: Varies depending on module

Inside the Habitat Module

There are thirty decks in the module. The following are common across all modules.

Deck	Sections
One	Avionics, Upper CFS emitters
Two	Armory, Bridge, Crew quarters (50), Escape pods (20), Wardroom

Deck	Sections
Three	Armory, Computer room, Transit station,
Four	Computer room, Transit station, Lounge, Laundry room (2)
Five	Fabrication Area, Storage
Fifteen	Transit stations(6)
Sixteen	Transit stations(6)
Twenty-six	Arboretum / Park
Twenty-seven	Arboretum / Park
Twenty-eight	Engineering, Lower CFS emitters
Twenty- nine	Engineering, CDD Engines
Thirty	Engineering, CDD Engines

Module Configurations

Typically modules that are predominantly for personnel are painted white, while research and manufacturing are green.

- [Ke-H4-M3101a - Residential](#)
- [Ke-H4-M3101b - Training](#)
- [Ke-H4-M3101c - Research Facilities](#)
- [Ke-H4-M3101d - Manufacturing](#)
- [Ke-H4-M3101e - Military](#)

Inside the Habitat Module

Arboretum / Park

The Arboretum covers two entire decks, twenty-six and twenty-seven, in the Habitat Module and serves three purposes:

- Provides an pleasant area for personnel to relax among growing things.
- Augments the module's life support system by naturally scrubbing the air
- Provides fresh produce to supplement the stations food supply

Armory

This is the [armory](#) for this module. It is located on decks two and three. For [SSS](#) installations it contains ([SSS](#)) - [Standard Armory Inventory](#). Military installations would have a different inventory.

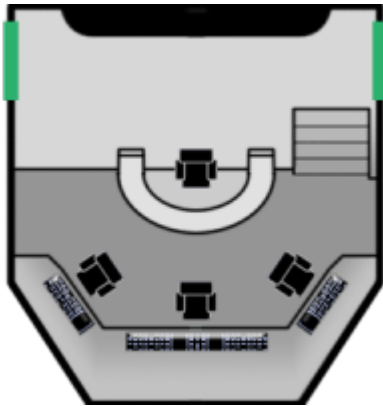
Avionics

These are the secondary avionics for the [Kisaki-class Starbase](#). They are located on deck one. They are used when the primary sensors are being serviced or when the Module is traveling under its own power. They contain the following sensors from the [Compact Integrated Electronics System \(CIES\)](#) system:

- [Unidirectional sensors](#)
- [Omnidirectional sensors](#)

Bridge

The Habitat Module features a [Basic Small Starship Bridge](#). It is only manned when the [Kisaki Starbase](#) is in flight, or when the Module is deployed as a life boat. It is located on deck two.



Computer Room

The Habitat Module features a [Standard Computer Room](#). It is located on decks three and four.

Crew Quarters

There are quarters for one-hundred personnel. The *Kisaki Starbase* maintenance crew stay in [Standard Crew Quarters](#) in the module. In this section are [crew baths](#), [toilets](#), and [communal showers](#) for use by these personnel. They are located on deck two.

Engineering

This module of the *Kisaki Starbase* has a [Standard Star Army Engineering Bay](#) section. It supplies power and life support for the module. It also contains the [Continuum Distortion Drive](#) and [Combined Field System](#) for the entire station. It is located at the base of the module on decks twenty-eight, twenty-nine and thirty.

Laundry Room

The Habitat module has two [Standard Laundry Rooms](#) located on deck four.

Lounge

The Habitat module has a [standard crew lounge](#) located on deck four. There are two four person [communal toilets](#) next to it on deck four.

Passage Ways

The Habitat Module uses [Standard Passageways](#) through out. Access between levels is primarily done by stairways or ramps, although there are open maintenance passages with ladders that run the height of the module.

Transit Station

The Habitat Module has seven [Transit Stations](#) that allows rapid travel to other sections of the *Kisaki Starbase*. It is located on decks three and four, personnel enter on deck four. There are six located on decks fifteen and sixteen with a circular track that runs around the module.

Wardroom

The Habitat Module has a [Standard Wardroom](#), maintenance crew personnel normally dine here at the start of their shift but they can eat at other facilities on the starbase. It is provided here as a convenience. It is located on deck two.

Module Systems

Armor

The key substance that makes up the 1.25-meter-thick hull of the ship is [Yamataium](#). The frame of the ship is [Durandium Alloy](#). All windows on the Habitat Module are made of [Transparent Durandium](#).

Combined Field System

The Habitat Module has an excellent [Combined Field System](#) that can protect against damage in either

kinetic or energy form.

Computer and Sensors

The Habitat Module uses the [Compact Integrated Electronics System \(CIES\)](#) package and is also equipped with a [Psionic Signal Controller](#). In [YE 34](#) all Habitat Modules were updated with access to [SYNC](#) for civilian communications.

Elevator systems

The Habitat Module with its large civilian population that needs to move across thirty decks needed an alternative to zero-gravity passageways. Engineers with the [SSS](#) and [KFY](#) came up with a design for elevators that would work without counter weights. Located at twelve points around the module are elevator stations each with three cars.

Elevators

The elevators are mounted in tubes that contain geared tracks. The cars themselves have mechanisms that attach to the tracks and lift or lower the car. Each car has a capacitor system to supply the car with light, and ventilation. The capacitors recharge when the cars are at a stop.

Emergency Systems

The Habitat Module has the full compliment of [Star Army Standard Starship Emergency Systems](#).

Escape Pods

In [YE 36](#) the twenty [Ke-S3-X2900 Escape Pod](#) were replaced with [Ge-X3300 - Type 33 Escape Pod](#) for use by the crew of the module.

Life Support

The Habitat Module uses [Star Army Standard Life Support Systems](#).

Power Systems

The Habitat Module main power source is a high-output [Aether](#) generator. Emergency power is provided by fusion reactors in engineering.

Propulsion

Continuum Distortion Drive

The Habitat Module features a [Continuum Distortion Drive](#) of [Ketsurui Fleet Yards](#) design.

Maneuvering Thruster

The Habitat Module has [Ketsurui Fleet Yards](#) Maneuvering Thruster clusters for station keeping.

Shields

The Habitat Modules features a [Combined Field System](#) of [Ketsurui Fleet Yards](#) design.

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