

C5c

The C5c is a modified version of the [C5 hull](#) that supports grappling arms and a heavy-lift FTL drive.



About the Ship

The C5c was originally designed to help transport [c5b](#) type sensors to their final locations in deep space. It uses the basic hexagonal C5 hull, with four mechanical arms attached to the interior for manipulating objects. The 'reverse' engines have also been angled outward, making them less efficient but also allowing the C5c to reverse without damaging its cargo.

The ship intentionally lacks FTL systems and weapons to cut down on production cost. As such it has to be moved to its final destination by another FTL capable craft.

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C5b	
Class Overview	
Class	C5-0ba
Manufaturer	usostarorganization
Mission Specialization	Telescope Array
General Characteristics	
Type	Science Ship
Radius (W/ Antenna)	168 m
Radius (Body Only)	76m
Lifespan	15 Years
Power Source	Hyperspace Taps
Propulsion	
Sublight	0.25c
FTL (hyperspace)	.25 ly/min
Defenses	
Hull Armor	SDR 20
Shield Capacity	SDR 10
Shield Threshold	1
Stealth	N/A
DRv3	Tier 11 - Medium Starship
DRv3 Shield Type	Bubble
Detection	
Optical	Unlimited
Subspace	.5 LY

C5b	
Class Overview	
Thermal	Unlimited

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Appearance

The C5 has a hexagonal ring as a main body with a large antenna array extending out and behind it from each corner. The sides of the hexagon have thrusters stored in [huge size standard star ship cargo containers](#) that are bolted to the hull. In the center of the ship is a hexagonal fuel tank. The front of this fuel tank has a large, padded shield in front to protect it while transporting loose cargo. This fuel tank also has 12 huge cargo containers connected to it which house the ship's electronics and some additional power generators.

Four large mechanical arms are located on the inside of the ship's hull facing forward, with FTL field generating pannels attached to the joints of the arms. Above and below are illuminating lights and short range optical sensors for tracking and catching cargo.

History and Background

The original [c5](#) design was a fairly simple craft that was always intended to be modified and used later for other tasks. The second version of the craft was designed to work with the [c5b](#). The c5b being a large sensor platform without any FTL drive meant for long term use, while the C5C is a tug that can transport the massive sensor long distances.

Deployment

The C5c has an FTL drive adjusted to carry a large amount of mass, though this comes at the cost of speed, making the C5C quite a bit slower than other craft at FTL speeds. It is largely intended for moving large objects between areas in deep space.

Ship Systems

- [Electronics Container](#) x12
- [Engine Containers](#) x36

Armor

The C5 is built with fairly simple yet sturdy composite materials throughout, with a focus on failing

gracefully through well protected and redundant systems. For [DR rating](#) purposes it is considered in the 'heavy' armor class.

Breadboard

The [Breadboard](#) makes up the main superstructure of the craft. The six panels here contain both power and coolant distribution systems, allowing engineers to punch holes in the external shell to bolt in components to a shared network of power and coolant lines. The volume of this system stores more than enough coolant for the entire ship, which also doubles as reaction mass for the engines.

Shields

The C5c has two fairly basic shield generators located at the top and bottom of the hexagonal main structure. These generators have been adjusted to project a containment field in front of the ship to help keep cargo together and to prevent objects like asteroids from breaking apart during transit. As such, this makes the shields considerably less effective against weapon systems.

Subspace Sensor

Extending from the corners of the main body of the ship are the subspace antennas. These sensors can track the subspace disruptions usually put out by super-tech such as Aether drives or gravitational manipulation. Like the other sensors on the ship, these are better at viewing objects further away, and are only marginally capable of sensing objects relatively close by with any accuracy.

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