



REALITIES OF POSSIBILITY

SPOREFLEET

In a parallel universe, a decorated Starfleet Captain will make a first contact that could fundamentally change the galaxy.

A GERMINAL DISCOVERY

In the midst of Starfleet's efforts to evacuate citizens of the Romulan Empire out of the subspace blast radius of their star's forthcoming supernova, Captain Elizabeth Shelby of the *USS Titan* (NCC-80102) would make a profound discovery. In the year 2380, the *Titan* responded to a distress call from the *Psshan*, an Andorian colony vessel. Tracking the *Psshan* revealed that it had crashed on a moon in an uncharted system. When the *Titan* entered orbit, Shelby and her executive officer, Commander Raffaela Musiker, made first contact with a civilization of different sapient plant-like species known as the *Satrexi* inhabiting the moon, who were engaged in treating the injured colonists [more on the *Satrexi* in a future article]. Of particular interest to Starfleet was Shelby's observation that the *Satrexi* possessed "a unique form of propulsion that utilizes fungal spores to traverse space-time via a trans-spatial plane dominated by mycelia."

Federation scientists were aware of this mycelial domain, first discovered in the twenty-third century by Zee-Magnes award-winning Astromycologists Paul Stamets and Justin Straal. Stamets and Straal postulated that it was possible to traverse the domain in a quantum energetic state, but they were never able to discover how to accomplish it without bypassing the severe torsional stresses caused by Hawking radiation. News soon spread throughout the scientific community that a society had been discovered that overcame these difficulties, and focused diplomatic overtures were made to the *Satrexi*.

FORA FLORAE

At the forefront of this diplomatic process was the ongoing mission to resettle citizens of the Romulan Empire and how the *Satrexi* might help. The *Satrexi* were impressed with the Federation's compassion. Unfortunately, biological and ethical imperatives restricted the *Satrexi*'s space travel to within their own system, so they could not help with the evacuation directly. Instead, they offered an intellectual exchange and a commitment to broker a limited easement for Starfleet to travel the network with the cultures of the mycelial domain. Commander Musiker was assigned to form a joint task force to facilitate this collaboration.

BEARING FRUIT

Within a year, the task force led to the foundation of the *Arroway Institute*, whose scientists and engineers developed a new class of Federation vessel that could safely and harmlessly traverse the mycelial network. The ***Stamets class***, as it became known, was designed for rapid mass relocation of Romulan refugees. However, only three vessels were completed before the brutal sabotage of the construction yards by corrupted synthetic workers shuttered the program. In spite of the setback, those vessels managed to save over eight million lives prior to the Romulan star going supernova.



PERSONAL LOG

Raffaela Musiker

"This has been a day. The colonists are safe, thanks in part to our hosts... but getting to that point was... a lot. In the course of this mission I have seen things better suited to fairytales and stories I read to my son. It's like we've stepped through the looking glass... does that make me Alice? No. Scratch that.

Then there's this engine... if you can call it an engine... that uses spores to travel over a galactic mushroom highway. I mean... It's absurd...right?! Shelby must have thought I was either out of my damn mind, or that I'd relapsed... until she saw it for herself. I love strange new worlds, but this mission was a little too many impossible things before breakfast."

"Take a breath Raffi. One day at a time. One... day... at... a... time..."



STAMETS

LAUNCH YEAR: 2383

OVERVIEW: Against the backdrop of an accelerated effort to resettle endangered citizens of the Romulan Empire, the Stamets-class was Starfleet's most ambitious ship design of its time. Thanks to technology shared by the Sarex, the class is the first to utilize a theoretical propulsion method long abandoned by Starfleet known as a Displacement-Activated Spore Hub Drive. So large in scale were the vessels that their construction needed to be completed by the Vulcan Orbital Starbase Assembly Yards. Implementation of the class suffered a major setback when a force of corrupted synthetic workers destroyed the facilities and Starfleet shuttered further construction. Despite this attack, the three vessels that were completed led to the safe relocation of over 8 million Romulan citizens prior to their star going supernova.

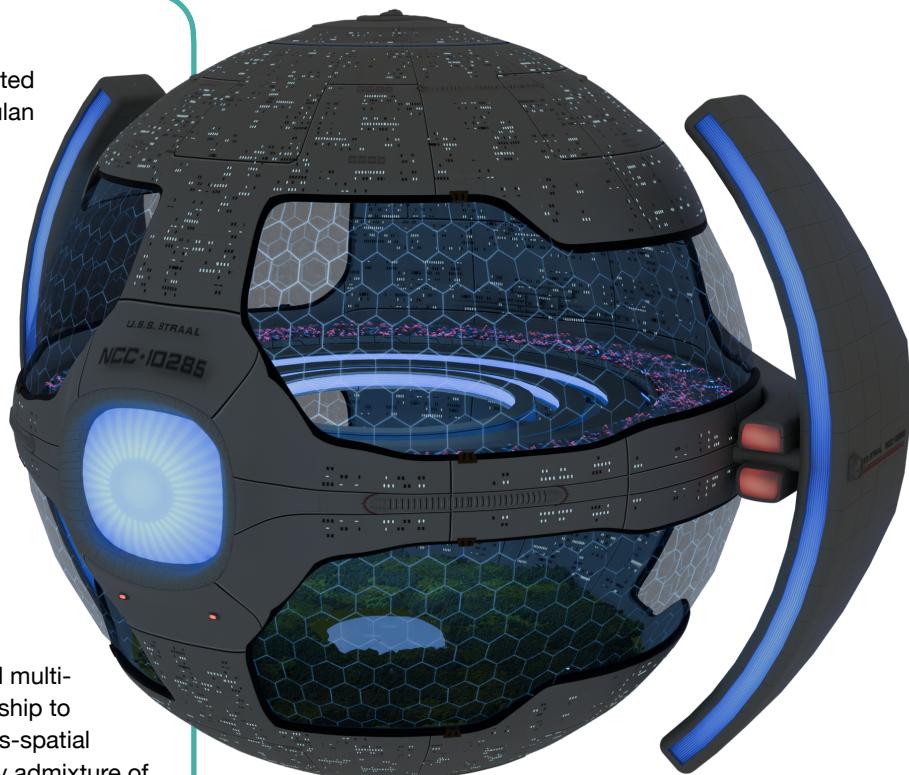
CAPABILITIES: The spherical design and internal multi-ring rotation architecture that allows this class of ship to instantaneously traverse vast distances via a trans-spatial plane known as the mycelial network is an uneasy admixture of Sarex and Federation technologies. It also utilizes a standard warp propulsion system generated through an articulation of coleopteric nacelles of Vulcan design when mycelial travel is impractical. The class is equipped with two horizontal warp cores to account for its increased power needs. Sarex technology grants any helm officer the ability to pilot the class. However, due to the multidimensional nature of the mycelial network, species that are accustomed to moving in a multi-axis environment, such as cetaceans, are preferred. The class is equipped with a 2.5 km aquatic ops ring for such navigation. Extensive transporter and shuttle bays allow for the rapid transfer of passengers, and an auxiliary bay is reserved for a Nova class vessel to assist with planetary surveys. An expansive forest located within the ventral inner sphere serves as both a source of recreation and oxygen farm to support the maximum passenger capacity of two hundred thousand among its ninety-four decks.

REFITS AND VARIANTS: None due to synth attack.

SUGGESTED MISSION PROFILES: Colony Support, Crisis and Emergency Response, Scientific and Survey Operations, Technical Testbed

NAMING CONVENTIONS: The first Stamets-class vessels were named after accomplished researchers in the fields of life sciences, such as Zee-Magpies award-winning astromycologists, Paul Stamets and Justin Straal.

NOTABLE EXAMPLES: U.S.S. Stamets (NCC-10200), U.S.S. Straal (NCC-10280)



TEKKNONERD

STARSHIP

TRAITS: Federation Starship, Stamets-class

SCALE: 7

SYSTEMS

COMMS 10	ENGINES 12	STRUCTURE 12
COMPUTERS 10	SENSORS 10	WEAPONS 09

DEPARTMENTS

COMMAND +1	ENGINEERING +1	MEDICINE +1
CONN -	SECURITY -	SCIENCE -

WEAPONS

- Phaser Arrays
- Photon Torpedoes
- Tractor Beam (Strength 6)

TALENTS

- EXTENSIVE SHUTTLEBAYS: See Core 2e page 223
- SECONDARY REACTORS: See Core 2e page 225

SPECIAL RULES

- ADDITIONAL PROPULSION SYSTEM (SPORE DRIVE): See Technical Manual page 15
- MOTHERSHIP SUPPORT VESSEL: See page 4

SPACEFRAME STATISTICS

NOTABLE STARSHIP

U.S.S. STRAAL NCC-10285

COMMISSIONED: 2383

MISSION PROFILE: Crisis and Emergency Response

TRAITS: Federation Starship, Stamets, Hope Ship, First of its Class

MOTHERSHIP SUPPORT VESSEL: U.S.S. Aphelion NCC-22587 (Nova Class)

As the first Starfleet vessel equipped with a hybrid Federation-Satredi spore drive, the U.S.S. Straal was destined for a legacy of achievement. Captain Alcide Bissette and his Qowat Milat Liaison Officer/First Officer, Elder Bahini, guided their crew through a variety of unexpected challenges. The pair knew that resettling Romulan citizens was never going to be straightforward, but in its 22 years of service engaged in crisis response, the crew of the Straal found themselves challenged by pirates, warlords, hijackers, and even a period trapped in the mycelial realm. Amid these events, they managed to rescue over 2.5 million refugees. However, the Straal's proudest moment was its historic role in securing Reman civil rights, earning Captain Bissette the Palm Leaf of Reman Peace Award.

SYSTEMS

COMMS 10	ENGINES 12	STRUCTURE 12
COMPUTERS 10	SENSORS 10	WEAPONS 09

DEPARTMENTS

COMMAND 3	ENGINEERING 2	MEDICINE 4
CONN 2	SECURITY 2	SCIENCE 2

DETAILS

- Scale: 7
- Crew Support: 7
- Resistance: 7
- Shields: 21

WEAPONS

- Phaser Arrays
- Photon Torpedoes
- Tractor Beam (Strength 6)

TALENTS

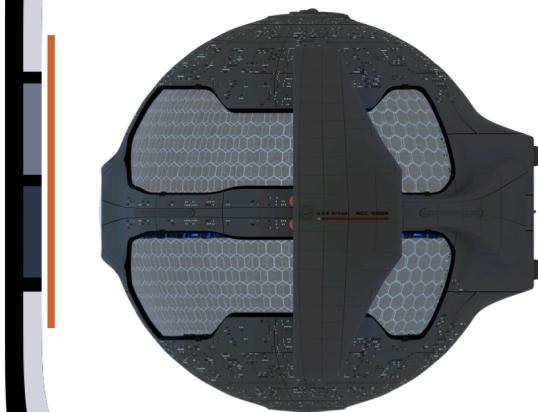
- ADVANCED MEDICAL WARD / SICKBAY
- EXTENSIVE SHUTTLEBAYS [RANK 2]
- INDUSTRIAL REPLICATORS
- MODULAR CARGO BAYS
- SECONDARY REACTORS
- SOPHISTICATED ASTROMETRIC FACILITIES

SPECIAL RULES

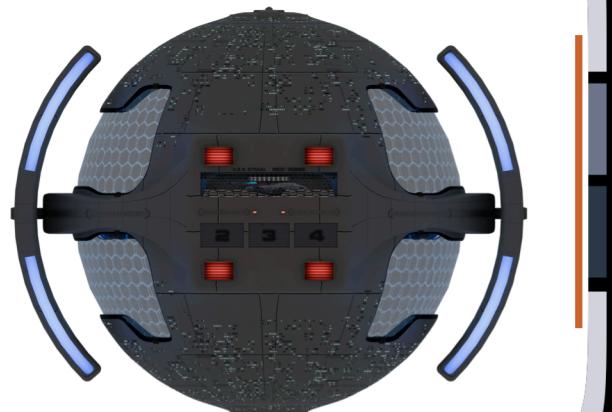
- ADDITIONAL PROPULSION SYSTEM (SPORE DRIVE)
- HOPE SHIP
- MOTHERSHIP SUPPORT VESSEL (See Next Page)

SHIP FACING REVIEW

PORT VIEW



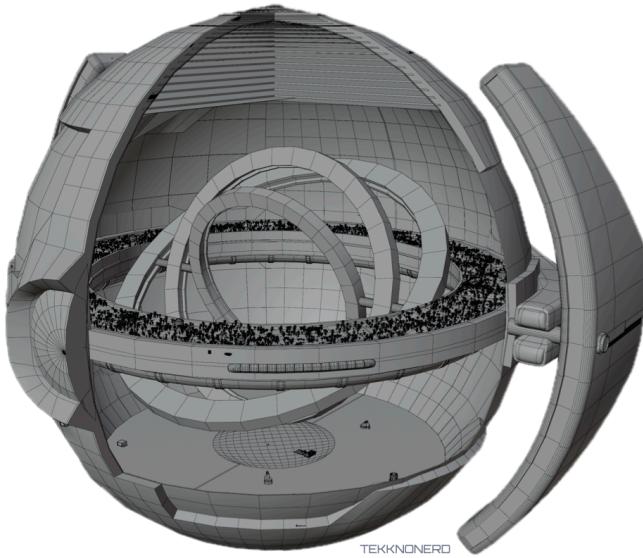
AFT VIEW



TEKKNONERO

U.S.S. STRAAL NCC-10285

INTERNAL SCHEMATIC AND SPECIFICATIONS



U.S.S. STRAAL NCC-10285

MEASUREMENTS

TOTAL BEAM: 1448.36 m
TOTAL CARLIN: 1225.23 m
TOTAL MASS: 205,480,985 t
SPHERE SECTION VOLUME: 303,981,306.87 m³
SPHERE SURFACE AREA: 2,188,328.30 m²
AQUATIC OPERATIONS RING CIRCUMFERENCE: 2,500 m

OPERATIONAL STATISTICS

TOTAL DECKS: 94
CREW: 2,100
TOTAL PASSENGER CAPACITY: 200,000
CRUISING SPEED: Warp 7
MAXIMUM SPEED: Warp 8.5

STARSHIP TALENT

MOTHERSHIP SUPPORT VESSEL

REQUIREMENTS: Scale 7+ starship, Extensive Shuttlebays [Rank 1+]

The vessel (a.k.a. the mothership) has an additional large hangar capable of berthing a single Scale 3 starship. The support vessel must have the Landing Gear special rule. Typical examples include the Nova-class or Defiant-class. Work with your GM on what makes sense for your primary vessel. The support vessel may be crewed by your players, or serve as an NPC Ally Starship when launched. Deploying the support vessel requires the *Prepare* minor action.

When berthed, the support vessel allows the mothership to regain reserve power once per scene without requiring the *Regain Power* major action. If the support vessel is deployed in a scene, it cannot help the mothership regain reserve power in that scene.

CREDITS

Article, graphic art, content layout, Stamets-class concept and design by Arwyn Blair

Ship modeling, design refinements, digital art, Master System Display, and video animation by Tekknonerd

DISCLAIMER

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