

Gagarin Class V Research Vessel



Construction Data

| | | |
|------------------------------|-------------|-------------|
| <i>Model Numbers</i> | Mk I | Mk II |
| <i>Date Entering Service</i> | 2282 (2/19) | 2288 (2/23) |
| <i>Number Constructed</i> | 10 | 42 |

Hull Data

| | | |
|------------------------------|---|----|
| <i>Superstructure Points</i> | 9 | 10 |
| <i>Damage Chart</i> | C | C |

Size

| | | |
|--------|-----------|-----------|
| Length | 148 m | 148 m |
| Width | 103 m | 103 m |
| Height | 59 m | 59 m |
| Weight | 52,990 mt | 55,085 mt |

Cargo

| | | |
|--------------------|----------|----------|
| Cargo Units | 95 SCU | 90 SCU |
| Cargo Capacity | 4,750 mt | 4,500 mt |
| Landing Capability | None | None |

Equipment Data

| | | |
|------------------------------|-----|-----|
| <i>Control Computer Type</i> | M-1 | M-1 |
| <i>Transporters</i> | | |
| standard 6-person | 2 | 2 |
| emergency 22-person | 1 | 1 |
| cargo | 1 | 1 |

Other Data

| | | |
|---------------------|----|----|
| <i>Crew</i> | 78 | 82 |
| <i>Passengers</i> | 10 | 10 |
| <i>Shuttlecraft</i> | 3 | 3 |

Engines and Power Data

| | | |
|------------------------------------|--------|--------|
| <i>Total Power Units Available</i> | 22 | 24 |
| <i>Movement Point Ratio</i> | 2/1 | 2/1 |
| <i>Warp Engine Type</i> | FWB-1 | FWB-1 |
| Number | 2 | 2 |
| Power Units Available | 9 | 9 |
| Stress Charts | M/O | M/O |
| Maximum Safe Cruising Speed | Warp 7 | Warp 7 |
| Emergency Speed | Warp 8 | Warp 8 |
| <i>Impulse Engine Type</i> | FIB-2 | FIB-3 |
| Power Units Available | 4 | 6 |

Weapons and Firing Data

| | | |
|-------------------------|-------|-----------|
| <i>Beam Weapon Type</i> | FH-2 | FH-4 |
| Number | 1 | 2 |
| Firing Arcs | f/p/s | 1f/ps, 1a |
| Firing Charts | F | Q |
| Maximum Power | 2 | 3 |
| Damage Modifier | | |
| +1 | | |
| +2 | | (1-8) |
| +3 | | (9-14) |

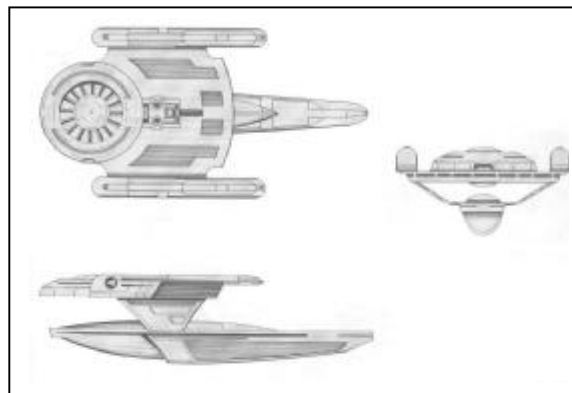
Shields Data

| | | |
|------------------------------|-----|-----|
| <i>Deflector Shield Type</i> | FSB | FSF |
| Shield Point Ratio | 1/2 | 1/2 |
| Maximum Shield Power | 6 | 12 |

Combat Efficiency

| | | |
|--------------|------|------|
| <i>D--</i> | 53.9 | 65.3 |
| <i>WDF--</i> | 0.5 | 5.2 |
| <i>CE--</i> | 0.3 | 3.4 |

Updated from Star Trek III: Sourcebook Update and Star Ship Combat Tactical Simulator Rulebook with additional information from Ship Construction Manual, 2nd edition, all by FASA. Artwork from The Federation by FASA. Original text by Lee Wood (FASAFan@hotmail.com). Compiled by Lee Wood. Version 3.1.



Notes:

The *Gagarin* class is designed for low-risk, intensive surveys of new worlds. Too under-gunned to be used in frontier areas, the *Gagarin* class vessels only work deep in Federation-protected territory.

Advances in warp-drive shielding made it unnecessary for their low-yield warp nacelles to be mounted at an extended distance from the main hull. The engines remain detachable in case of emergency overload. The Mk II *Gagarin* mounts the FIB-3, giving the ship slightly more engine power.

After the destruction of the *Gagarin* class *USS Grissom* in 2285 by a Klingon *K-22*, the *Gagarin* class production was halted, almost for good. The fallout from the incident and the utter destruction of the *Grissom* made several members of Starfleet worried about the design of the ship. Surprisingly, it was Vulcan council members who came to champion the *Gagarin*. The *USS Grissom* incident was a grave miscalculation, they argued, and was a victim of over-confidence by the Federation Council of its measures to keep the Genesis Project secret. As a research and survey vessel, the *Gagarin* class was perfectly suited. However, it needed to be upgraded defensively and deployed in a more cautious manner.

After a fleet-wide evaluation of its research fleet, Starfleet decided to upgrade the defensive capabilities of its research vessels. The remaining Mk I *Gagarins* were refitted over the next 3 years to the new Mk II. Only one, the Mk I *USS Grissom*, has been destroyed.

The *Gagarin* class is named after the first Terran in space Yuri Gagarin.

