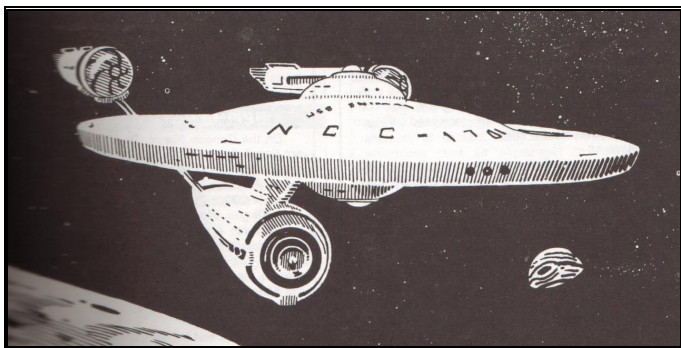


SHIPS OF THE STARFLEET

2245 – 2293



A FASA to CODA STARSHIPS SOURCEBOOK

By

David Jones

Ships of the Starfleet 2245-2293

An overview of information regarding several particularly important and noteworthy vessels which served as part of the United Starfleet between 2245 and 2293.

A supplement to be used with the **Star Trek Roleplaying** Game published by Decipher inc.

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All ships within this manual originally appeared as part of the Star Trek Movie series, Star Trek: The Next Generation TV series and/or as part of the original FASA published Star Trek Role Playing Game (Principally in the supplements: Federation Starship Recognition Manual and Star Trek: The Next Generation Officers Manual.) All ship statistics were made using the Star Trek Roleplaying Game Book 2: Narrators Guide and Book 4: Starships published by Decipher Inc. And originally appeared on the TrekRPG.net web site.

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This pamphlet has been produced as a service for members of the FASA to CODA E-group located on the internet at:

<http://groups.yahoo.com/group/FASAtoCODA/?yguid=47650994>

Authors Note

Well, it took me all of 9 days from purchase [of the Starship supplement] to finish converting all of my ships from Narrators Guide to Starships. Yes, I know, it's a sickness. I'll be posting 11 different threads, based on government and era (with one thread being my "miscellaneous" file). Of course, I will preface everything with the statement that these are only my views of the various vessels, and I do not intend to step on anyone's toes. I'm just a gear-head who likes making things.

And this stuff is just too much fun...

Sea Tyger (David Jones)
4/20/2003

Ships of the Starfleet 2245-2293

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Preface

For those of your unfamiliar with Dave Jones aka, Sea Tyger, he has been one of the more prolific ship designers on the TrekRPG forum boards specializing in converting material for use with the CODA game system. This has mainly focused on converting those ships found in the old FASA SRMs and Spacedock SRMs as while as coming up with a few original designs of his own in the past year. He was also one of a few designers I had rounded up just about a year ago to put together a full FASA to CODA SRM which will eventually grow out of the effort you now see before you.

While he and I differ in some regards to interpretation at times we both have a passion to keep these fine ships "in play" as part of the Star Trek Roleplaying game experience and in fandom in general. There is in the end something very traditional about most of these ship designs. From the Loknar to the Larson we can see these vessels very clearly in the minds eye as they fly along side the Enterprise in some unfiled episode of the original series. One can not help but to think that the Original Series era would be a cold and barren place without these game additions and that of the countless fans efforts, who starting with Franz Josef in the early 70's, brought forth equally uncounted new ships so our intrepid Starfleet (or civilian) Explorers can "boldly go".

Eric Rush
Moderator, FASA to CODA E-group

Andor-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Andor-class "Missile" Cruiser
Year Launched: 2274

Hull Data

Structure: 35
Size/Decks: 6/16 decks
Length/Beam/Height: 260/130/60 meters
Complement: 240

Operational Data

Transporters: 6 standard, 6 emergency, 6 cargo
Cargo Units: 65
Shuttlebay: 2 stardrive aft
Shuttlecraft: 12 size worth
Tractor Beams: 1F, 1AV
Separation System: No
Sensor System: Class 3 (+3/D)
Operations System: Class 3 (D)
Life Support: Class 3 (D)

Propulsion Data

Impulse System: RSM (.75c) (D)
Warp System: PB-32 Mod 3 (warp 6/7/8) (D)

Tactical Data

Phaser Banks: Type VII (B)
Penetration: 3/3/2/0/0
Photon Torpedoes: Mod 6 DF (x4/B)
Penetration: 5/5/5/5/5
Deflector Shield: PFF 3 (B)
Protection/Threshold: 14/4

Miscellaneous Data

Maneuvering: +1C -1H +4T
Traits: Enhanced System (shields)
Hardened System (Propulsion)

Notes:

The Andor-class cruiser is a rarity of the 23rd-Century Starfleet; it is a purely military vessel, with little of the traditional multi-mission capabilities that most cruisers include. Designed in the wake of the Federation's belief that the Organians had lost

interest in continuing their interdiction against Federation-Klingon conflict, the Andor-class was built to support fleet actions.

Using a withering volley of torpedo fire to decimate enemy formations from a distance, the Andor can hang back from the skirmish lines and pick off ships while the front-line combatants slug it out at close range.

The Andor is one of three Andorian designs in Starfleet service and all are named for Andorian military leaders. Most of these cruisers are almost entirely crewed by Andorians, and form the core of what is affectionately termed the "Blue Fleet."

2369 update

Only 47 of these vessels were produced in its 16-year run, and most were transferred to the Andorian Defense Force by 2300. Four Andors were still in ADF service in 2369.

Anton-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Anton-class Light Cruiser
Year Launched: 2245
Refit: 2268

Hull Data

Structure: 35
Refit: 40
Size/Decks: 5/15 decks
Length/Beam/Height: 224/145/51 meters
Complement: 240

Operational Data

Transporters: 4 standard, 4 emergency, 4 cargo
Cargo Units: 50
Shuttlebay: 2 aft
Shuttlecraft: 10 size worth
Tractor Beams: 1FV, 1A
Separation System: No
Sensor System: Class 2a (+2/BB)
Operations System: Class 2R (CC)
Life Support: Class 2 (C)

Propulsion Data

Impulse System: SBE (.5c) (D)
Warp System: PB-8 (wf 4/5/6) (C)
Refit: {PB-32 Mod 3 (wf 6/7/8) (D)}

Tactical Data

Phaser Banks: Type III (x2/B)
Penetration: 3/3/2/0/0
Photon Torpedoes: Mk 10 IF (x2/B)
Refit: Mk 6 DF (x2/B)
Penetration: 2/2/2/2/0
Refit: 3/3/3/3/3
Deflector Shield: PFF 2a (B)
Protection/Threshold: 13/3

Miscellaneous Data

Maneuvering: +3C +0H +1T
Traits: Enhanced System (sensors) (+4 to sensor tests)
{Design Defect (warp system)}

Notes:

The predecessor to the successful Miranda-class cruiser, the Anton was at the forefront of the Federation expansion effort in the 2240s and 50s. A short-range exploration vessel, the light cruiser performed the more mundane exploratory missions from many of the new starbases that were being built along the frontier.

The venerable class underwent a refit in 2268 to upgrade the aging torpedo system and warp drive. However, engineers underestimated the frailty of the Anton's reinforced space frame, and the nacelles had a tendency to literally shear themselves off the struts under high-speed and high-stress maneuvers. These defects prompted Starfleet to completely redesign the vessel, resulting in the larger Miranda-class cruiser.

Constellation-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Constellation-class Exploratory Cruiser
Year Launched: 2284
Refit: 2345

Hull Data

Structure: 35
Refit: 40
Size/Decks: 6/16 decks
Length/Beam/Height: 303/157/78 meters
Complement: 350

Operational Data

Transporters: 3 standard, 3 emergency, 3 cargo
Cargo Units: 60
Shuttlebay: 2 saucer forward
Shuttlecraft: 12 size worth
Tractor Beams: 1AV
Separation System: No
Sensor System: Class 3a (+3/CC) {Class 4 (+4/E)}
Operations System: Class 4 (E)
Life Support: Class 4 (E)

Propulsion Data

Impulse System: RSV (.7c) (D)
Refit: FIG-2 (.9c) (C)}
Warp System: LN-64 Mod 3 (wf 7/9/12) (D)
Refit: {LF-20 (wf 6/7/9.2 MCU) (C)}

Tactical Data

Phaser Banks: Type VIII (x3/C)
Penetration: 4/4/4/0/0
Photon Torpedoes: Mk 22 DF (x2/C)
Refit: Mk 60 DF (x2/C)
Penetration: 3/3/3/3/3
Refit: 4/4/4/4/4
Deflector Shield: CIDSS-2 (C)
Refit: CIDSS-4 (BB)
Protection/Threshold: 14/4
Refit: 16/3

Miscellaneous Data

Maneuvering: +1C +2H +1T

Traits: None

Refit: Battle Tested

Notes:

Developed parallel to the Excelsior-class program, the venerable Constellation-class exploratory cruiser was the product of lessons learned from the Constitution-class. This four-nacelled cruiser was vital to Starfleet's early-24th Century deep-space exploration efforts, and remained an integral part of the fleet well after its production life ended.

Miranda-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Miranda-class Cruiser
Year Launched: 2274
Refit: 2345
Refit: 2379

Hull Data

Structure: 30
Refit: 25
Size/Decks: 5/16 decks
Length/Beam/Height: 278/174/65 meters
Complement: 330

Operational Data

Transporters: 4 standard, 4 emergency, 4 cargo
Cargo Units: 50
Shuttlebay: 2 aft
Shuttlecraft: 10 size worth
Tractor Beams: 1FD, 1AV
Separation System: No
Sensor System: Class 3 (+3/D)
Refit: Class 4 (+4/E)
Operations System: Class 3 (D)
Life Support: Class 3R (DD)

Propulsion Data

Impulse System: SBE (.5c) (D)
Refit: FIE-2 (.85c) (E)
Warp System: LN-64 Mod 3 (wf 7/9/12) (D)
Refit {LF-20 (wf 6/7/9.2 MCU) (C)}

Tactical Data

Phaser Banks: Type VII (x2/B) {(C)}
Penetration: 4/3/3/0/0
Refit: 5/2/2/0/0
Photon Torpedoes: Mk 6 DF (x2/B)
Refit: Mk 60 DF (x2/C)
Penetration: 3/3/3/3/3
Refit: 4/4/4/4/4
Deflector Shield: PFF 3 (B)
Protection/Threshold: 14/3

Miscellaneous Data

Maneuvering: +2C +0H +2T
Traits: Refit: Pulse Upgrade

Notes:

The Miranda was initially designed in response to a less-than-successful refit of the Anton-class light cruiser. Relatively cheap and simple to build, the Miranda was produced at amazing rates, with many different variations -- some of which were so radically different that they could have been considered classes of their own. The above statistics represent the "average" Miranda.

2378 update

Serving well beyond its production life, the Miranda received a refit that extended its service life to the late 23rd-Century. Upgrades included sensors, propulsion, torpedoes, and the addition of a third shuttlebay to support the cruiser's continued exploration mission.

In the wake of Wolf 359, the Miranda also added a pulse phaser upgrade to augment its offensive capability, an addition that proved extremely beneficial in both the Dominion War and the second Borg attack against Sector 001.

Due to Starfleet losses in the war, the surviving Mirandas are expected to serve for another quarter century. Engineers are already planning another refit for the cruiser around 2382.

Baker-class Starships

Production Data

Origin: United Federation of Planets
Class and Type: Baker-class Heavy Destroyer
Year Launched: 2272

Hull Data

Structure: 40
Size/Decks: 6/25 decks
Length/Beam/Height: 301/148/77 meters
Complement: 250

Operational Data

Transporters: 3 standard, 3 emergency, 3 cargo
Cargo Units: 60
Shuttlebay: 1 aft
Shuttlecraft: 6 size worth
Tractor Beams: 1FV, 1A
Separation System: No
Sensor System: Class 2a (+2/BB)
Operations System: Class 2R (CC)
Life Support: Class 2 (C)

Propulsion Data

Impulse System: RSM (.85c) (D)
Warp System: PB-32 Mod 3 (warp 6/7/8) (D)

Tactical Data

Phaser Banks: Type VII (x3/C)
Penetration: 4/4/4/0/0
Photon Torpedoes: Mk 6 DF (x2/C)
Penetration: 3/3/3/3/3
Deflector Shield: PFF 2a (B)
Protection/Threshold: 13/3

Miscellaneous Data

Maneuvering: +1C +3H +1T
Traits: Hardened System (shields)
Enhanced System (impulse systems) (+.1c, reflected above)

Notes:

The Baker-class heavy destroyer was initially designed as a cruiser, but a shortage of military vessels in the early 2270s prompted Starfleet to redesignate the class. A quick redesign was ordered, and the first Bakers left spacedock in 2272.

The design incorporates powerful impulse engines that make it faster in sub-light than any other vessel in production. This superior maneuverability in combat makes up for the destroyer's lack of firepower at long range. As such, Baker captains prefer to close quickly and pummel the enemy with its Type VII phasers. With a dual-walled internal structure that provides extra protection against explosive decompression during battle, the Baker has proven extremely hardy in combat.

The Baker's annual production rate was reduced to three following the signing of the Khitomer Accords, and Starfleet expects to stop production all together by the end of the decade.

Wilkerson-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Wilkerson-class Destroyer
Year Launched: 2274

Hull Data

Structure: 25
Size/Decks: 5/20 decks
Length/Beam/Height: 240/105/60 meters
Complement: 200

Operational Data

Transporters: 2 standard, 2 emergency, 2 cargo
Cargo Units: 50
Shuttlebay: 1 aft
Shuttlecraft: 5 size worth
Tractor Beams: 2F
Separation System: No
Sensor System: Class 3 (+3/D)
Operations System: Class 3R (DD)
Life Support: Class 2R (CC)

Propulsion Data

Impulse System: RSM (.75c) (D)
Warp System: LN-64 Mod 3 (wf 7/9/12) (D)

Tactical Data

Phaser Banks: Type VII (x2/B)
Penetration: 4/3/3/0/0
Photon Torpedoes: Mk 6 DF (x2/B)
Penetration: 3/3/3/3/3
Deflector Shield: PFF 3 (B)
Protection/Threshold: 14/3

Miscellaneous Data

Maneuvering: +0C +3H +2T
Traits: ACB Jacketing

Notes:

The second Starfleet vessel to mount the new LN-64 Mod 3 warp engine after the Thufir's successful test, the Wilkerson-class destroyer mirrors the Baker's speed and combat capability. Designed more as a troubleshooter, the Wilkerson is able to reach hot-spots quickly to support Federation interests.

The Wilkerson also suffers from a lack of firepower at range, but again proves extremely capable in close combat. The destroyer has gained such a reputation against the enemy that Starfleet crews often refer to the ship's tactics as "The Wilkerson Charge."

Starfleet has opted to stop production of the Wilkerson following the Khitomer Accords, in favor of the larger and more powerful Baker.

Thufir-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Thufir-class Destroyer
Year Launched: 2268

Hull Data

Structure: 25
Size/Decks: 5/13 decks
Length/Beam/Height: 280/130/40 meters
Complement: 200

Operational Data

Transporters: 2 standard, 2 emergency, 2 cargo
Cargo Units: 50
Shuttlebay: 1 star-drive forward
Shuttlecraft: 5 size worth
Tractor Beams: 1FV, 1AP, 1AS
Separation System: No
Sensor System: Class 2 (+2/C)
Operations System: Class 3 (D)
Life Support: Class 2 (C)

Propulsion Data

Impulse System: SBE (.5c) (D)
Warp System: LN-64 Mod 3 (wf 7/9/12) (D)

Tactical Data

Phaser Banks: Type VI (x3/C)
Penetration: 4/4/4/0/0
Photon Torpedoes: Mk 6 DF (x2/C)
Penetration: 3/3/3/3/3
Deflector Shield: PFF 2a (B)
Protection/Threshold: 13/3

Miscellaneous Data

Maneuvering: +1C +2H +2T
Traits: Hardened System (propulsion)

Notes:

When Starfleet needed a testbed for the new LN-64 Mod 3 warp drive, they found a ship that the Andorians were designing for use in the ADF. The destroyer was rechristened the Thufir-class, and six vessels went into production. All launched in 2268 with Andorian crews, and tested the new warp drive to and beyond its

limits.

USS L'heru was lost when its warp field inverted due to a previously unknown interstellar phenomenon, vaporizing the mysterious phenomenon and the ship in a spectacular explosion. The remaining five test ships, however, proved the LN-64 an outstanding success.

Thirty-three more Thufirs were built for Starfleet between 2270 and 2272. The destroyer is still produced for the ADF in small numbers.

Remora-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Remora-class Heavy Escort
Year Launched: 2262
Refit: 2274

Hull Data

Structure: 40
Size/Decks: 6/16 decks
Length/Beam/Height: 210/170/60 meters
Complement: 162

Operational Data

Transporters: 3 standard, 3 emergency, 3 cargo
Cargo Units: 70
Shuttlebay: 1 aft
Shuttlecraft: 6 size worth
Tractor Beams: 1FV, 1AV
Separation System: No
Sensor System: Class 2 (+2/C)
Operations System: Class 3 (D)
Life Support: Class 3 (D)

Propulsion Data

Impulse System: SBD-a (.6c) (C)
Refit: RSM (.75c) (D)
Warp System: PB-16 (wf 5/6/7) (C)

Tactical Data

Phaser Banks: Type VI (x4/B) {(C)}
Penetration: 4/4/4/0/0
Photon Torpedoes: none
Refit: Mk 6 DF (x2/C)
Penetration: n/a
Refit: 3/3/3/3/3
Deflector Shield: PFF 2a (B)
Protection/Threshold: 13/3

Miscellaneous Data

Maneuvering: +0C +2H +3T
Traits: Enhanced System (sensors, +2)

Notes:

The Remora-class escort is a quick vessel that favors offensive

punch over defensive capability. Lacking many amenities that other Starfleet vessels enjoy, the Remora is designed for short missions from a supporting starbase or station.

Originally launched in 2262, the Remora received a refit in 2274 that included the addition of a Mk 6 DF torpedo system. The ship's production schedule ended after the Khitomer Accords, although Starfleet has no plans to replace the vessel in the near future.

Chandley-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Chandley-class Heavy Frigate
Year Launched: 2272
Refit: 2290

Hull Data

Structure: 45
Size/Decks: 7/26 decks
Length/Beam/Height: 315/262/90 meters
Complement: 363

Operational Data

Transporters: 9 standard, 9 emergency, 9 cargo
Cargo Units: 70
Shuttlebay: 2 aft
Shuttlecraft: 14 size worth
Tractor Beams: 1FV, 2AD
Separation System: No
Sensor System: Class 2 (+2/C)
Operations System: Class 3R (DD)
Life Support: Class 3 (D)

Propulsion Data

Impulse System: RSM (.75c) (D)
Warp System: PB-32 (x2) (warp 6/7/8) (D)
{LN-64 Mod 3 (wf 7/9/12) (D)}

Tactical Data

Phaser Banks: Type VII (x3/C)
Refit: Type VIII (x3/D)
Penetration: 4/4/4/0/0
Refit: 4/4/4/0/0
Photon Torpedoes: Mk 6 DF (x4/C)
Refit: Mk 40 DF (x4/D)
Penetration: 5/5/5/5/5
Refit: 5/5/5/5/5
Deflector Shield: PFF 3 (B)
Protection/Threshold: 14/3

Miscellaneous Data

Maneuvering: +2C +1H +2T
Traits: Hardened System (operations)

Notes:

The Chandley's design sequence essentially began on the heels of the Axanari Rebellion, resulting in Starfleet's largest and most capable warship prior to 2284.

Starfleet conducted an extensive review of its actions and capabilities during the Rebellion, and determined that it most lacked a "troop moving" capability. It was under this initial premise that the Chandley program began, but Starfleet's move away from the idea of a Marine Corps-style ground force prompted designers to shelve the design for the time being.

But when conflict with the Klingons flared up again in the 2260s, the design was revived, updated, then shelved briefly again when the Organian Treaty was enacted. Skirmishes with the Klingons began to take place again in 2270, and the need for a heavy combat vessel was once-again readily apparent. The Chandley was revisited, altered, and approved for production.

The frigate included Type VII phasers and a hardened operations system. The Chandley also departed from the traditional elegant Starfleet designs for a massive, almost-threatening look.

The Chandley ceased production in 2286, but received an upgrade to its weapons and warp drive in 2290.

Northampton-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Northampton-class Heavy Frigate
Year Launched: 2275
Refit: 2284

Hull Data

Structure: 35
Refit: 30
Size/Decks: 6/20 decks
Length/Beam/Height: 300/150/75 meters
Complement: 325

Operational Data

Transporters: 6 standard, 6 emergency, 6 cargo
Cargo Units: 60
Shuttlebay: 1 star drive aft
Shuttlecraft: 6 size worth
Tractor Beams: 1FV, 1AD
Separation System: No
Sensor System: Class 3 (+3/D)
Operations System: Class 3 (D)
Life Support: Class 3 (D)

Propulsion Data

Impulse System: RSM (.75c) (D)
Warp System: LN-64 Mod 3 (wf 7/9/12) (D)

Tactical Data

Phaser Banks: Type VII (x3/C)
Refit: Type VIII (x4/C)
Penetration: 4/4/4/0/0
Refit: 5/5/4/0/0
Photon Torpedoes: Mk 22 DF (x3/C)
Penetration: 4/4/4/4/4
Deflector Shield: PFF 3 (B)
Refit: CIDSS-2 (C)
Protection/Threshold: 14/3
Refit: 14/4

Miscellaneous Data

Maneuvering: +1C, +1H, +2T
Traits: Hardened System (Warp)

Notes:

Before the popularity of "imbedded warp nacelles" designs of the 2370s, the Northampton-class heavy frigate was one of Starfleet's initial forays into placing the nacelles under the protective armor of the ship's hull. Initially launched in 2275, the Northampton incorporated many lessons learned from the Constitution refit of 2273 and the Andorian-designed Andor-class missile cruiser and Thufir-class destroyer.

The 2284 refit upgraded the ship's phasers to Type VIIIs, allowing for greater penetration and point-blank and short range. Extra structure was removed in favor of the more reliable CIDSS-2 deflector shield.

One hundred nine Northamptons were built between 2275 and 2283, and 110 were built from 2284-2293. Starfleet discontinued production following the Khitomer Accords, although Northamptons expect to serve well into the second decade of the next century.

Kiev-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Kiev-class Fast Frigate
Year Launched: 2271

Hull Data

Structure: 25
Size/Decks: 5/15 decks
Length/Beam/Height: 280/140/50 meters
Complement: 300

Operational Data

Transporters: 4 standard, 4 emergency, 4 cargo
Cargo Units: 50
Shuttlebay: 1 star drive aft
Shuttlecraft: 5 size worth
Tractor Beams: 1FV
Separation System: No
Sensor System: Class 2 (+3/C)
Operations System: Class 3 (D)
Life Support: Class 3 (D)

Propulsion Data

Impulse System: SBE (.5c) (D)
Warp System: LN-64 Mod 3 (wf 7/9/12) (D)

Tactical Data

Phaser Banks: Type VI (x3/C)
Penetration: 4/4/4/0/0
Photon Torpedoes: Mk 6 DF (x2/C)
Penetration: 3/3/3/3/3
Deflector Shield: PFF 3 (B)
Protection/Threshold: 14/3

Miscellaneous Data

Maneuvering: +0C, +4H, +2T
Traits: Nimble (+2H, included above)

Notes:

The Kiev-class fast frigate was Starfleet's first platform to carry the newly-tested LN-64 Mod 3 warp system. Fast and nimble, the Kiev immediately assumed border patrol duties along both the Klingon and Romulan neutral zones, in squadrons of three and four ships. These "wolf packs" quickly proved their

effectiveness in stopping blockade-runners and rogue elements of the Klingon and Romulan navies.

By the time of the Khitomer Accords, Starfleet had already stopped production on the class (the 211th, and last, Kiev left the Salazaar Shipyard in 2289) and had begun phasing the ships out in favor of the more powerful Northampton refit. The last Kiev expects to the fleet in 2302.

Nelson-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Nelson-class "Scout" (Light Cruiser)
Year Launched: 2245
Refit: 2260

Hull Data

Structure: 40
Size/Decks: 6/13 decks
Length/Beam/Height: 263/127/61 meters
Refit: 270/127/61 meters
Complement: 195

Operational Data

Transporters: 3 standard, 3 emergency, 3 cargo
Cargo Units: 75
Shuttlebay: 1 forward
Shuttlecraft: 6 size worth
Tractor Beams: 1FV
Separation System: No
Sensor System: Class 3 (+4/D)
Operations System: Class 2 (C)
Life Support: Class 2 (C)

Propulsion Data

Impulse System: SBC (.5c) (B)
Refit: SDB (.6c) (B)
Warp System: PB-4 (wf 3/4/6) (B)
Refit PB-16 (wf 5/6/7) (C)

Tactical Data

Phaser Banks: Type IV (x2/A) {(B)}
Penetration: 3/3/2/0/0
Photon Torpedoes: None
Refit: Mk 12 IF (x2/B)
Penetration: n/a
Refit: 3/3/3/3/3
Deflector Shield: PFF 2 (A)
Refit: PFF 2a (B)
Protection/Threshold: 12/2
Refit: 13/3

Miscellaneous Data

Maneuvering: +1C, +0H, +2T

Traits: Enhanced Sensors (+4 to sensor tests)
Hardened System (sensors)
Prototype (sensors, +1 rating, reflected above)

Notes:

The Nelson-class scout was at the forefront of the Federation's expansion efforts of the 2240s. Dozens of these long-range vessels scattered to the far reaches of the frontier, cataloging stars and planets, observing new life forms and civilizations, and occasionally making first contact.

Unlike most of their contemporaries, the Nelson was not spacious, instead filling all available hull space with sensor enhancements and protection. This allowed the scout to scan larger areas of space faster than any other vessel previously could.

The Nelson performed its job so well that Starfleet felt no need for a new class of scouts until the mid-2260s, when it was apparent that the Nelson didn't have the longevity of the other 2245-era vessels, despite a 2260 refit. Many experts believed that the original "single-down" nacelle strut design was flawed, reducing the hull's prospective lifespan.

The Nelson was phased out in the mid 2270s, leaving Starfleet without a dedicated scout craft for the remainder of the century.

Loknar-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Loknar-class Heavy Frigate
Year Launched: 2245
Refit: 2253
Refit: 2269

Hull Data

Structure: 40 {{35}}
Size/Decks: 6/12 decks
Length/Beam/Height: 290/127/56 meters
Complement: 120

Operational Data

Transporters: 3 standard, 3 emergency, 3 cargo
Cargo Units: 60
Shuttlebay: 1 saucer aft
Shuttlecraft: 6 size worth
Tractor Beams: 1FV
Separation System: No
Sensor System: Class 3 (+3/D)
Operations System: Class 2R (CC)
Life Support: Class 3 (D)

Propulsion Data

Impulse System: SBD-a (.6c) (C)
Warp System: PB-16 (wf 5/6/7) (C)
Refit: PB-32 Mod 3 (wf 6/7/8) (D)

Tactical Data

Phaser Banks: Type IV (x3/B)
Refit: Type VII (x3/C)
Penetration: 4/3/3/0/0
Refit: 4/4/4/0/0}}
Photon Torpedoes: None
Refit: Mk 12 IF (x4/B)
Refit: Mk 6 DF (x4/C)
Penetration: n/a
Refit: 4/4/4/4/4
Refit: 5/5/5/5/5
Deflector Shield: PFF 2a (B)
Protection/Threshold: 13/3

Miscellaneous Data

Maneuvering: +1C +1H +2T
Traits: Hardened System (propulsion)

Notes:

The Loknar-class frigate was the third of four major classes of vessels produced during the Federation expansion period of the mid-2240s, thanks to Andorian arguments that the new Federation frontier needed warships in case of another disastrous first contact (like the Romulans and Klingons in decades and centuries past). As such, the Loknar is the first popular "Andorian" design, and its lengthy service is a tribute to the quality of Andorian engineering.

The frigate proved its value during the Axanar rebellion, although Starfleet realized the need to add photon torpedoes to the ship (which it did in a 2253 refit). One ship, the former USS Morgan City (NCC-2704), was captured by Klingon Admiral Kamato in 2255 and later used in an failed attempted coup of the chancellorship. Kamato later used the frigate, now called the IKSV Staav'eMara, to prey on shipping within the Triangle sector. The ship was last seen in 2278, but intelligence reports indicate it is still in active Klingon service.

The Loknar received a second refit in 2269, upgrading phasers, torpedoes and warp drive. Despite being superceded by the Chandley-class, dozens of Loknars remain in service as late as 2293, but the class expects to be phased out by 2310.

Larson-class Starship

Production Data

Origin: United Federation of Planets
Class and Type: Larson-class Destroyer
Year Launched: 2245
Refit: 2259
Refit: 2270

Hull Data

Structure: 40
Size/Decks: 6/20 decks
Length/Beam/Height: 269/134/62 meters
Complement: 195

Operational Data

Transporters: 3 standard, 3 emergency, 3 cargo
Cargo Units: 60
Shuttlebay: 1 aft
Shuttlecraft: 6 size worth
Tractor Beams: 1FV, 1 AV
Separation System: No
Sensor System: Class 2a (+2/BB)
Operations System: Class 4 (E)
Life Support: Class 4 (E)

Propulsion Data

Impulse System: SBE (.6c) (D)
Refit: RSM (.85c) (D)
Warp System: PB-16 (wf 5/6/7) (C)

Tactical Data

Phaser Banks: Type IV (x3/B)
Refit: Type VI (x3/C)
Penetration: 4/3/3/0/0
Refit: 4/4/4/0/0
Photon Torpedoes: Mk 10 IF (x2/B)
Refit: Mk 6 DF (x2/C)
Penetration: 2/2/2/2/0
Refit: 3/3/3/3/3
Deflector Shield: PFF 2 (A)
Refit: PFF 2a (B)
Protection/Threshold: 12/2
Refit: 13/3

Miscellaneous Data

Maneuvering: +1C +2H +2T

Traits: Enhanced System (impulse systems) (+.1c, reflected above)

Notes:

The Larson-class destroyer was part of the Federation's expansion of the 2240s. An efficient patrol vessel that carried a surprisingly capable science department, the Larson often operated independently in peacetime, performing many of the same functions as the Constitution and Anton-class cruisers.

The class saw heavy action in the Axanar Rebellion, performing well above expectations. However, Starfleet found flaws within the destroyer's shield grid, and corrected the problem with a 2259 refit that upgraded to PFF 2a shields.

The Larson was further modernized in 2270, with upgrades to weapons and impulse systems, making it one of the fastest ships in the fleet at sub-light. But the advent of the faster and more modern Baker and Wilkerson-class destroyers in the early-to-mid 70s prompted Starfleet to phase the Larson out by 2283.