

STEAMRUNNER

PROTOTYPE NX52000
EXTERNAL VIEWS SHEET 01/27
SPECIFICATIONS
DESIGN HISTORY
CROSS-SECTION

SPECIFICATIONS

PARTICULARS
Vessel Class: Steamrunner
Identification: NX-52000
Type: Fast Frigate

SPACEFRAME
Overall Length: 300 meters
Overall Beam: 224.2 meters
Overall Depth: 40 meters
Decks: 10 - 5
Displacement: 5.5 X 10⁶ tons

WARP SYSTEMS
Power: Matter / Antimatter Reactor
(2.8 X 10¹⁶ wattmet)
Creating Speed: w/ 0.1
Rank Speed: w/ 0.882 (Sustainable for 12 hours)
Burst Speed: w/ 0.995 (Sustainable for 1 hour)

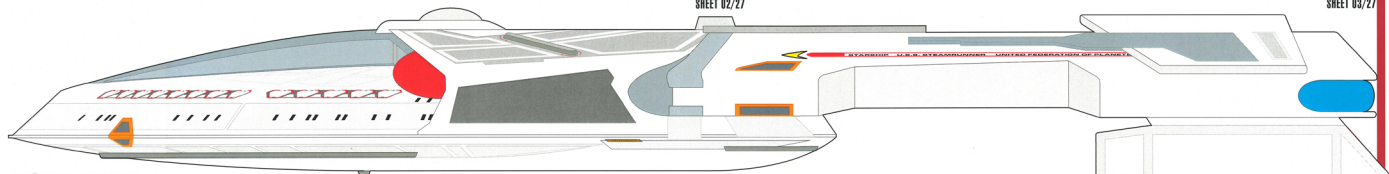
IMPULSE SYSTEMS
Power: 30 - Primary - deuterium fusion reactor
(1.25 X 10¹⁷ wattmet - 8 watts at any time)
Vector Nozzle: 2
Creating Speed: 0.29 c
Rank Speed: 0.93 c

CREW & AUXILIARY SYSTEMS
Complement: 30 Officers
150 Cadets
3 0-personnel
2 22-personnel Emergency
4 Corps

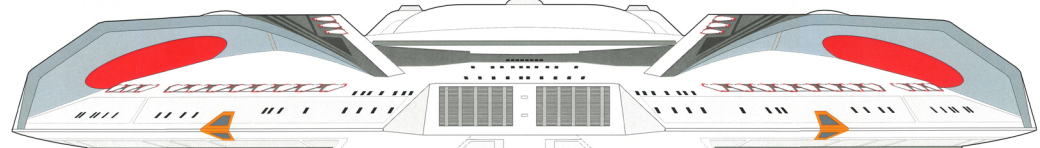
INFORMATION SYSTEMS
Computer Core: 2
1 million Optical Chip
Transmitter: FTL Nanoprocessors
Stealthy: Galack Subprocessors

TACTICAL SYSTEMS
Phase: 8 - Type 00 only
4 - Type 1, 2, 3, 4
Torpedo Tube: 4 - Type 2 (burst fire)
Missiles: 80 Mark VI Plasma Torpedoes
20 Class 1 probes
0.81 X 10¹⁷ W Repulsive Shield Generator
(rated 2.1 X 10¹⁶ mw - steady 5.8 X 10¹⁶ mw - burst / 8.2 X 10¹⁶ mw - 0.001 / Sec.)
0 - Primary Directed Energy Field Generator
(rated 1.15 X 10¹⁶ mw)
8 Secondary Directed Energy Field Projector
(rated 2.3 X 10¹⁶ mw)
0.81 X 10¹⁷ W Repulsive Shield Generator
(rated 2.1 X 10¹⁶ mw - steady 5.8 X 10¹⁶ mw - burst / 8.2 X 10¹⁶ mw - 0.001 / Sec.)
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(rated 1.15 X 10¹⁶ mw)
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(rated 2.3 X 10¹⁶ mw)

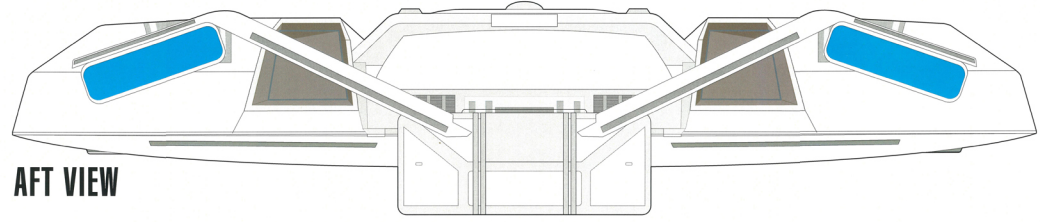
Deflector
Tractor Beam



PORT VIEW

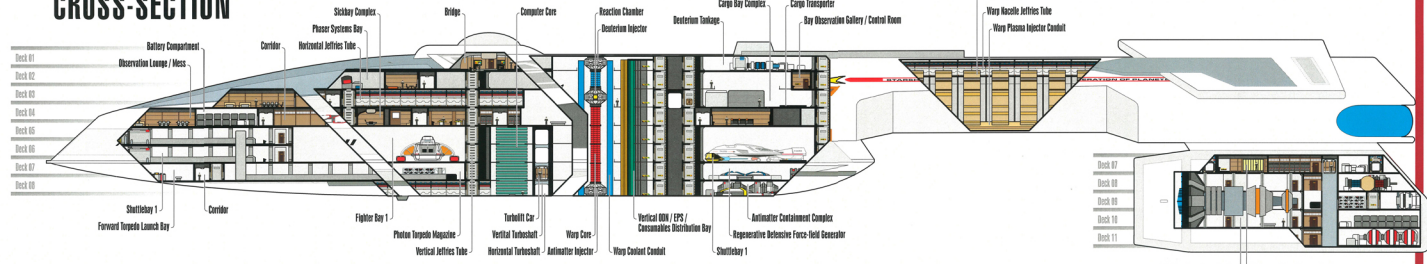


FORWARD VIEW



AFT VIEW

CROSS-SECTION



DECK DIRECTORY

- SAUGER SECTION**
- DECK 01**
- 1 Main Bridge
 - 1 Captain's Ready Room
 - 1 1st Officer's Ready Room
 - 1 Decontrol Room
 - 1 Head
 - 4 Decontrol Compartment
 - 2 Naval Tactical Science & Navigation Sails Bay
 - 2 Long Range Tactical Science & Navigation Sensor Suite Bay / Battery Compartment
 - 2 Transporter / Transporter Bay
 - 2 Emergency Lin Support Bay
 - 2 Naval Military Phase System Bay
 - 2 Subspace / Radio Transporter Bay
 - 1 Deuterium Injector Engineering Bay
 - 1 Vertical (DMV / EPS) / Communications Distribution Trunk
 - 2 Engineering Force Field Generator Bay
 - 1 Deuterium Tankage & Processing
 - 2 Transporter / Transporter Bay
 - 2 Impulse Drive Complex - Forward Thrust Mouthed Bay
 - 2 Helioheat High-Bay
 - 16 Escape Pod Access
- DECK 02**
- 1 Dorsal Forward-Midline Phase System Bay
 - 4 Sensor Officer's Quarters
 - 1 Wary Core Reaction Chamber
 - 1 Main Engineering - Upper Level
 - 1 Vertical (DMV / EPS) / Communications Distribution Trunk
 - 1 Officer's Lounge & Mess
 - 1 Decontrol Lounge & Mess
 - 2 Airlockways
 - 2 Water Tankage Bay
 - 2 Repulsive Deuterium Force Field Generator
 - 2 22-Personnel Emergency Transporter Room
 - 2 Transporter Sails Compartment
 - 2 Helioheat High-Bay
 - 2 Impulse Drive Complex - Forward Thrust Mouthed Bay
 - 2 Helioheat High-Bay
 - 1 Cargo Bay Complex - High-Bay
 - 4 Head
 - 8 Escape Pod Access
- DECK 03**
- 1 Main Observation Lounge & Mess
 - 20 Cabined Quarters
 - 1 Impulse Drive Complex - Fusion Reactor & Forward Thrust Mouthed Bay
 - 1 Cargo Bay Complex - Mid-Level
 - 1 Water Tankage Compartment
 - 1 Wary Core Reaction Chamber
 - 1 Main Engineering - Mid-Level
 - 1 Vertical (DMV / EPS) / Communications Distribution Trunk
 - 2 Cryogenic Fuel Tankage Bay
 - 2 Main Inertial System Complex
 - 1 Head

DESIGN HISTORY

Project Steamrunner was StarPort's answer to the design response to the Dominion threat (after the Helios class). It was designed from the start to be a fast frigate. In each 100 meters of the defining characteristics of a frigate (nacelle-section only, hull nacelle, large shielded lightcraft parking and launch capacity). The nacelle-section is almost 50% shielded (large bay volume (with cold cargo bays designed to be easily converted to secondary shielded)). Designed to use, these volumes - even when accepted by authorized craft - present little in the way of damage possibly. Coupled with wavy and impulse propulsion technological improvements, the result is a vessel faster than anything else her size.

SAUGER SECTION WARP NACELLE PENETRATION: CONFIGURATION AND MANEUVERABILITY
The Steamrunner class presents a totally new saucer configuration, with the hull nacelle actually penetrating the nacelle-section.

Regardless of the state-of-the-art of a starship's propulsion systems (wavy or impulse), the physical laws of motion seem ineluctable. Chief among these (ensuring maneuverability) is the Law of Momentum Area of Inertia. Put simply, for a given energy expenditure (wavy, impulse, or reaction control thruster), gives two advantages of identical mass, a "short-coupled" starship can rotate faster along the Y- or Z axis than a "long-rod" starship.

When racing straight along a course (spine line is longitudinal). However, her in-close battle maneuvering (so-called "highlights"), it becomes essential. The optimum shape is a flattened disk (minimum Z axis aspect, maximum X and Y axis aspect). This allows the starship maximum "handling" part and starboard on wavy and impulse drives - as well as maximum "pitching" to zenith or nadir.

With the hull nacelle perfectly in line with the vessel's center-of-gravity, the optimal shape is almost perfect. The forward collectors are all that is visible at the very close of bow. From all of the saucer nacelle, the nacelle has not the hull. Aboard the rear of the vessel, a support spine extends inward and downward to mount the Weapons/Deflector Module.

STEAMRUNNER

PROTOTYPE NX-52000
EXTERNAL VIEWS SHEET 04/27
INTERNAL SYSTEMS

INTERNAL SYSTEMS

SECTION 1.0 SPACEFRAME STRUCTURE

The spaceframe of the Steamrunner-class starship is tritanium/duranium macrofilament truss frames, averaging 0.85 m² in cross section. These are placed at the overhead of Decks 2, 4, 6 and 8. Smaller trusses are spaced between quarters, at hall junctions, and at the turbolift shafts, measuring 0.25 m² in cross section. This physical framework is reinforced by the Structural Integrity Field (SIF), using a network of Class 2 ceramic-polymer wave guides to distribute energy to Class 1 ceramic-polymer elements. The exterior hull substrate is poly bonded to 4 cm by 0.5 cm bands with 2 cm studs every meter that are gamma welded to the main frame.

SECTION 1.1 HULL STRUCTURE

The first hull layer is 5 cm thick and is composed of a poly microfoam with interwoven tritanium filaments (nominally 1.5 meters in width by 2.5 meters in length). The second layer is four sheets of 0.4 cm thick tritanium, each going 90 degrees to the layer above it, for torsion strength, a fifth sheet of aluminum foil is 0.4 cm thick also and used for radiation protection. The third layer is a honeycombed duranium alloy with a micro-ceramic polymer bonded to each side used for thermal insulation and SIF conductivity. The fourth and outer layer is composed of a 2.0 cm ablative ceramic fabric with interwoven tritanium filaments. This is attached to a polycarbonates sheet by a chemical bonding process. This layer 3.0 meters wide by 3.0 meters in length and is attached with standard duranium fasteners to the first three layers after they are bonded together. This layer is replaced as needed, with no more than 8 years between oldest and newest sheets.

The first spaceframe components of the class' lead ship were gamma-welded at the Utopia Planitia Fleet Yards in 2370. On 11 October 2371, U.S.S. Steamrunner (NX-52000) was launched from Utopia Planitia. It immediately began shakedown trials in the home sectors, being formally commissioned on 2 December.

SECTION 1.12 ABLATIVE ARMOR

The destroyer U.S.S. Defiant was the first Starfleet vessel to pioneer ablative armor matrix technology - by purchasing said armor from a non-Starfleet supplier and adding the matrix as a retrofit - post-launch - at her home station. The Steamrunner-class have ablative armor included as part of the basic design specifications. Essentially a form-fitting 15 cm. thick plating of cerametal laminate composites (each segment is comprised of hundreds of nanite-laid layers), the armor's purpose is to dissipate any attacking energy which penetrates the defensive screens. Any surface which gains too much thermal energy begins to flash-boil away in layers, with the vaporized matrix carrying the excess energy away from the vessel's tritanium hull plates.

SECTION 1.2 STRUCTURAL INTEGRITY FIELD GENERATORS

The physical integrity of the spaceframe is augmented by the SIF. The SIF is created by a series of main field generators throughout the ship - in both hulls and catamarans. Each consists of a pair of 2 megawatt graviton polarity sources. These feed a pair of 150 millicochrane or 85 millicochrane subspace field distortion amplifiers. Any four large units are capable of supporting the entire SIF grid at 100% for 48 hours before gausssing causes a critical shut down. The SIF system creates a subspace distortion field that is guided along all trusses and hull plates, reinforcing these by a factor of 150,000% of their usual tensile strength.

SECTION 1.3 INERTIAL DAMPING FIELD & SYNTHETIC GRAVITY GENERATORS

The Inertial Damping Field (IDF) operates in parallel with the ship's artificial gravity generators, maintaining a series of variable-symmetry force fields that absorb external inertial forces. The force fields are maintained according to SFRA-standard 352.12, averaging 75 millicochranes with field differential of 5.28 nanocochranes/meter. Flux generation for IDF and gravity are provided by generators within the crawl space under each deck, in a hexagonal grid with nodes spaced 0.3 meters apart.

SECTION 1.4 SECURITY & CONTAINMENT FORCE-FIELD GENERATORS

There are secondary force-field generators mounted throughout the vessel, filling a variety of roles. Main Engineering has a series responsible for maintaining containment for the Wary Core - with standby units for emergency containment in the event of coolant leakage and other hazards endemic to Antimatter and Fusion reactions. Others scattered throughout the ship are non-dedicated, and using waveguides and sophisticated forming software can be routed to perform various tasks - including corridor security barriers, brig security barriers, and bulkhead life-support barriers (in the event of localized hull breaches), these units have a set of four 1 megawatt polarity sources feeding a pair of 75 millicochrane field generators.

SECTION 1.4 DEFLECTOR

The Main Deflector utilizes a larger 2.4 X 10² megawatt - 250 millicochrane generator, serving the new DBC17 deflector dish pioneered by the Sovereign-class. A special Weapons/Deflector Module was designed to contain it.

SECTION 1.50 ORDNANCE: WEAPONS/DEFLECTOR MODULE

In keeping with its primary mandate as a Fast Frigate Ship of the Line (a Fighter-craft Carrier in time of war), the Steamrunner-class is equipped with an autonomous and self-contained weapons/deflector module, mounting 4 Photon Torpedo launchers - two forward- and two aft-facing. Fully 50% of internal volume is given over to magazine spaces.

SECTION 1.51 ORDNANCE: PHOTON TORPEDOES

The Steamrunner mounts two single-Tube P220L Launchers between the forward space doors - one stacked over the other. As well, four single-Tube P220L Launchers are mounted within the Weapons/Deflector Module. All launchers are fed by automated magazine/conveyor systems.

SECTION 1.52 ORDNANCE: PHASERS

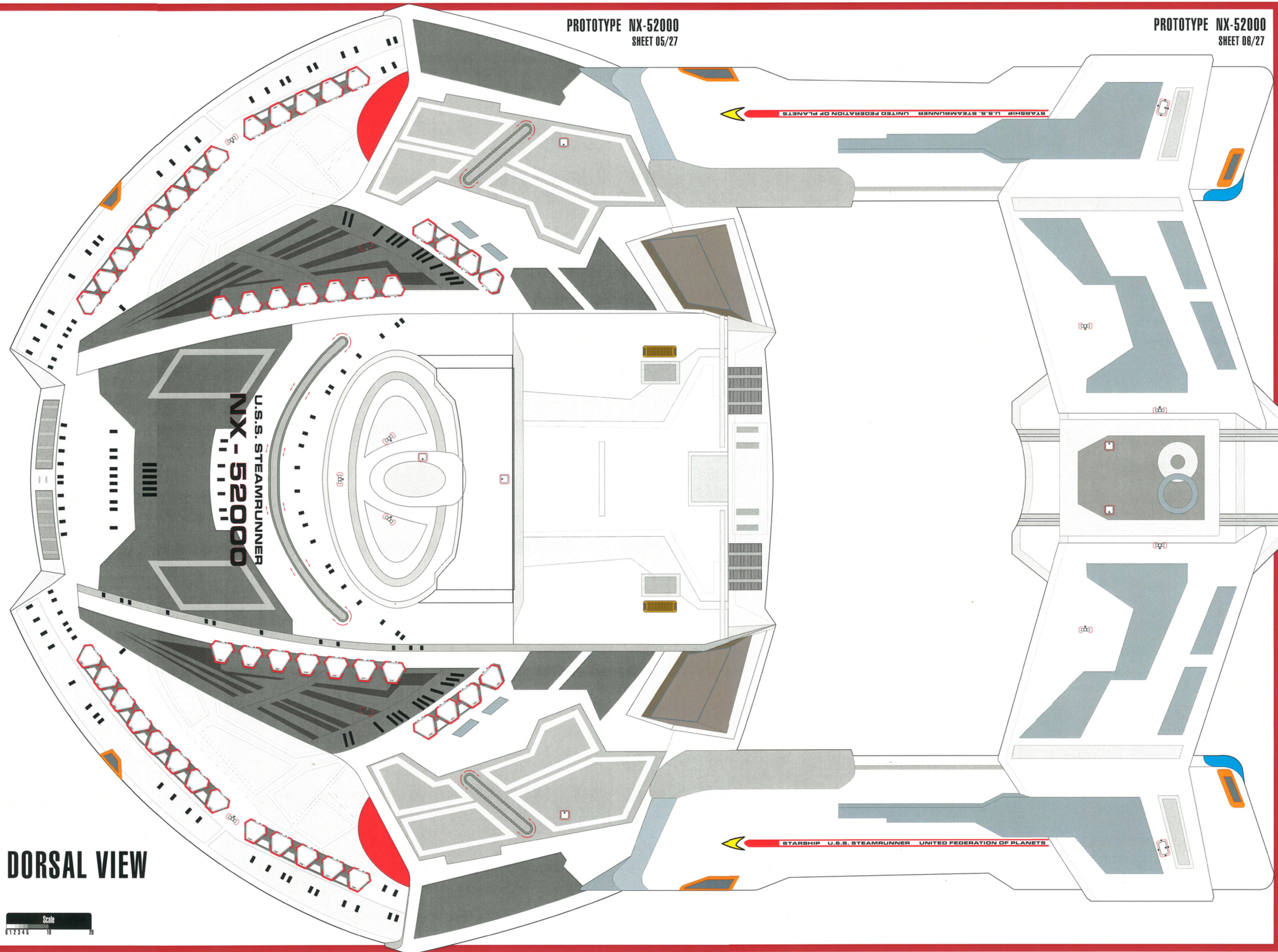
The Steamrunner-class mounts the Type XII Phaser system. The type XII is externally similar to the Type X (conformal 3-faceted emitter array). Internally, the changes are a matter of augmentation. The EPS Phaser Distribution Node (one per energy chamber chain) has been replaced with dedicated Notation Relays (one per 3 energy chamber links). The new relays allow for increased speed and tuning of phaser beam notation - essential when attacking adaptive defensive systems.

SECTION 1.53 ORDNANCE: REGENERATIVE FORCE-FIELD / DEFLECTOR SCREEN GENERATORS

The Steamrunner-class is equipped with the DF-7 72.9 Regenerative Shield Generator systems (tandem phased-harmonic generator).

The concept of tandem generators is not in itself revolutionary. Many large starships utilize 2 generators in tandem to increase shield strength; effectively creating one large virtual generator from two smaller ones. However, traditional tandem generators share one weakness in common with single generators: a shield overload (caused by attacking energy overwhelming the shield field - resulting in a feedback energy overload cascade through the supply wave-guides back to the generators) will cause catastrophic failure (the generator rotors spin at enormous rpm) - any energy backlash will destabilize the rotation and damage the rotor. In the case of tandem generators, both rotors will fail.

The DF-7 72.9's departure from this all-or-nothing scenario is due to the phased-harmonic nature of the system. In operation, each rotor spins 180 degrees out of phase with its counterpart. The phase-lock is extremely accurate - at all power settings and notations. Due to this out-of-phase spin, a heterodyning harmonic is set up between the two gravitonic emission feeds. Should one rotor be overloaded it will begin to destabilize - but the out-of-phase harmonic reinforcement from the paired rotor will tend to enhance its stability, reducing the shock - often enough for the overloaded rotor to recover stability and be spun back up to speed. In the case of one rotor being damaged, the second rotor will be untouched - weakening but not 'buckling' the shield field.



DORSAL VIEW

Scale
0 1 2 3 4 5

STEAMRUNNER

PROTOTYPE NX-52000

EXTERNAL VIEWS SHEET 07/27

INTERNAL SYSTEMS

INTERNAL SYSTEMS

SECTION 1.0. SPACEFRAME STRUCTURE

The structure of the Steamrunner-class consists in tribolite/boron/aramid reinforced brass tubes, averaging 1.85 m² in cross section. These are placed at the overhead of Nodes 2, 4, 6 and 8. Similar braces are spaced between quarters, at half junctions, and at the bulkhead stanchions, measuring 0.25 m² in cross section. This physical framework is reinforced by the Structural Integrity Field (SIF), using a network of Class 2 ceramic-polymer wave guides to distribute energy in Class 1 ceramic-polymer elements. The exterior hull substrate is poly bonded to a 4 cm by 0.5 cm bands with 2 cm stabs every meter that are gamma welded to the main frame.

SECTION 1.1. HULL STRUCTURE

The first hull layer is 5 cm thick and is composed of a poly interlock with microveron/boron fibrous laminae. Laminae 1.5 meters in width by 2.5 meters in length. The second layer is made of 1.4 cm thick tribolite, and each 90° degree in the layer above. A low friction strength, 0.8th sheet of aluminum foil 0.4 cm thick also used for radiation protection. The third layer is a hexacarbon diamond alloy with a nitro-carbon polymer bonded to each side used for thermal insulation and SIF conductivity. The fourth and outer layer is composed of 2.0 cm of ablative ceramic fabric with microveron/boron fibrous. This is attached to a polyethylene sheet by a chemical bonding process. This layer is 3.0 meters in width by 2.5 meters in length and is attached with standard ceramic lacunae to the first three layers after they are bonded together. This layer is replaced as needed, with no more than 8 years between oldest and newest sheets.

The first spaceframe components of the class' had ship were gamma welded at the Utopia Penitentiary Fleet Yards in 2370. On 11 October 2371, U.S.S. Steamrunner (NX-52000) was launched from Utopia Penitentiary. It immediately began shuttleship trials in the home sector, being formally commissioned on 2 December.

SECTION 1.12. ABLATIVE ARMOR

The advanced U.S.S. 5th fleet uses the first fleet's armor (see the first fleet's armor) from a new Starburst copolymer and adding the matrix to a pyrolytic post-armor, at her home station. The Steamrunner-class has ablative armor included as part of the basic design specifications. Essentially a 1cm thick 15 cm thick plating of ceramite boronite composite (each segment is composed of hundreds of multi-layer layers), the armor's purpose is to dissipate any attacking energy which penetrates the ablative armor. Any surface which gains the most thermal energy begins to flash-back away in layers, with the repetitive matrix carrying the excess energy away from the vessel's tribolite hull plates.

SECTION 1.2. STRUCTURAL INTEGRITY FIELD GENERATORS

The physical integrity of the spaceframe is supported by the SIF. The SIF is created by a series of main field generators throughout the ship - in both hulls and cabinways. Each consists of a pair of 2 megawatt proton polarity sources. These have a pair of 150 millicroseconds or 65 millicroseconds subpulse field distortion amplifiers. Any four large units are capable of supporting one entire 90° grid of 100% for 40 hours before requiring access a critical shut down. The SIF system creates a subpulse distortion field that is only a millimeter in thickness and half a meter, reducing shock by a factor of 150,000% of their rated launch strength.

SECTION 1.3. INERTIAL DAMPING FIELD & SYNTHETIC GRAVITY GENERATORS

The Inertial Damping Field (IDF) operates in parallel with the ship's artificial gravity generators, establishing a series of variable operability force fields that absorb external forces. The force fields are maintained according to SFA standard 352.12, averaging 75 millicroseconds with field strength of 2.8 nanoseconds/tonne. First generation IDF and gravity are provided by generators within the crew space under each deck, in a hexagonal grid with nodes spaced 0.3 meters apart.

SECTION 1.4. SECURITY & CONTAINMENT FORCE-FIELD GENERATORS

There are secondary force field generators mounted throughout the vessel, filling a variety of roles. Main Engineering has a series responsible for maintaining containment between the Navy Zone - with shields that for emergency containment in the event of coolant leakage and other hazardous and faster reactions. Others scattered throughout the ship are non-deflective, and using waveguides and specialized forcing systems can be used to perform various tasks - including corridor security barriers, large security barriers, and localized life support barriers (in the event of localized hull breaches), these units have a set of 1 megawatt polarity sources feeding a pair of 75 millicrosecond field generators.

SECTION 1.4. REFLECTOR

The Main Deflector reflects a larger 2.4 x 1.10' equipment - 250 millicrosecond generator, serving the new B6C17 deflector dish powered by the Navajo-class. A special Plasma Deflector Module was designed to contain it.

SECTION 1.50. ORDNANCE: WEAPONS REFLECTOR MODULES

In housing with its primary mission as a Field Force (see the first fleet's armor) in the Utopia Penitentiary, the Steamrunner-class is equipped with an autonomous and self-contained weapons/deflector module, measuring 4 Phalanx torpedo launchers - two forward and two aft back. Fully 50% of lateral volume is given over to magazine capacity.

SECTION 1.51. ORDNANCE: PHOTON TORPEDOES

The Steamrunner mounts two single Tube P220L Launchers between the forward space doors - one stacked over the other. As well, two single Tube P220L Launchers are mounted within the Weapons/Deflector Module. All launchers are fed by submodular magazine/coverer system.

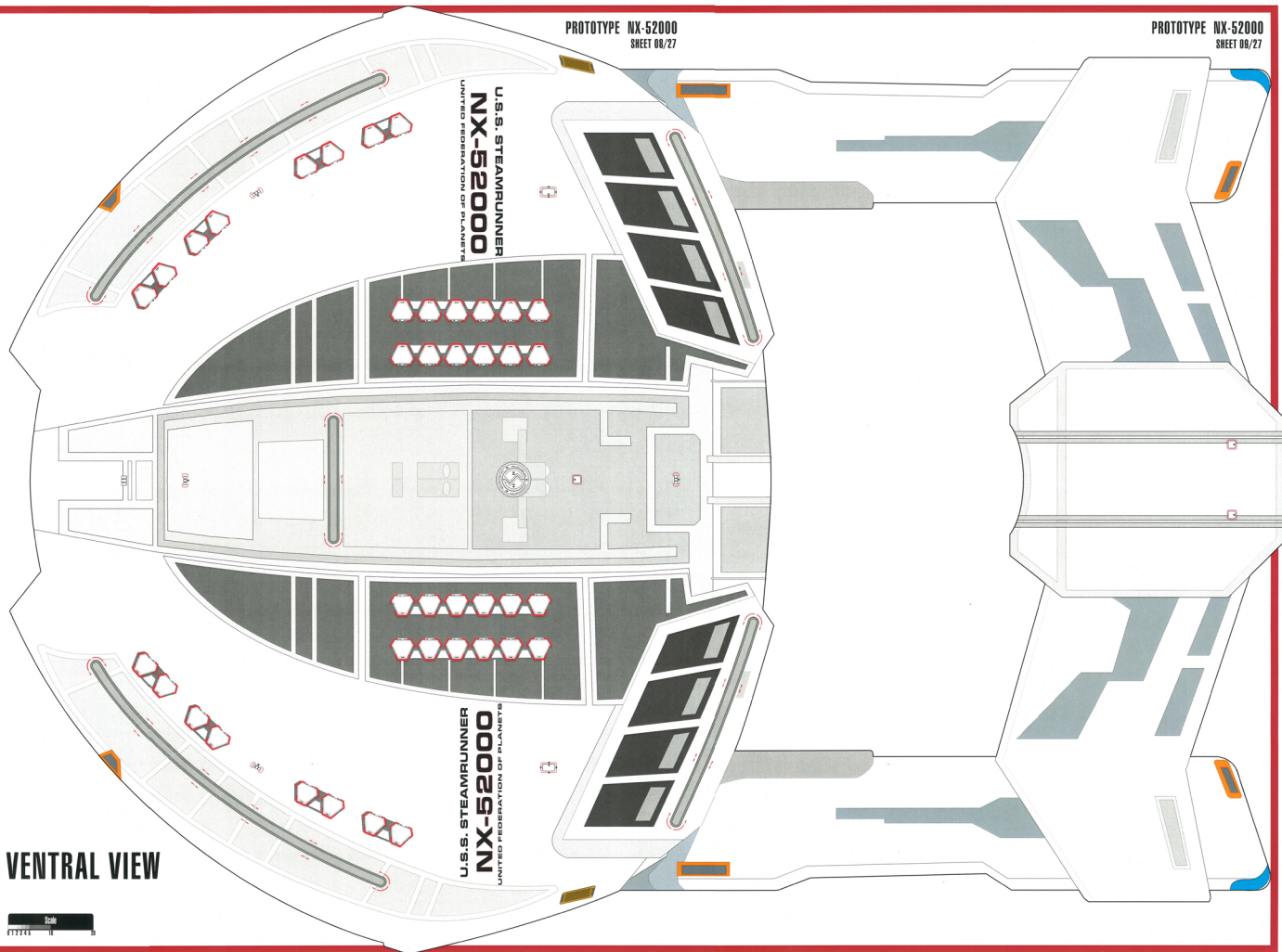
SECTION 1.52. ORDNANCE: PHASERS

The Steamrunner-class mounts two Type XH Phaser systems. The type XH is extremely similar to the Type X (combined 2 localized outer array). Internally, the changes are a matter of operational. The XH Phaser (combined dual) has been replaced with deflector Module trays (one per 2 energy channel tubes). The new trays allow for increased speed and loading of phaser beam modules - essential when attacking adaptive ablative systems.

SECTION 1.50. ORDNANCE: REGENERATIVE FORCE-FIELD / REFLECTOR SCREEN GENERATORS

The Steamrunner-class is equipped with the DF-172.8 Regenerative Shield Generator system (unless phased forward generator).

The concept of tandem generators is not in itself revolutionary. Many large starships utilize 2 generators in tandem to increase shield strength, effectively creating one large virtual generator from two smaller ones. However, traditional tandem generators share one weakness in common with single generators - a shield overload caused by attacking energy overwhelming the shield field - resulting in a feedback energy overload cascade through the supply energy system back to the generators' cell cases (electricity billers) (the generator rotors spin at various rpm) - any energy backflow will destabilize the reaction and damage the rotor: in the case of tandem generators,



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PROTOTYPE NX-52000

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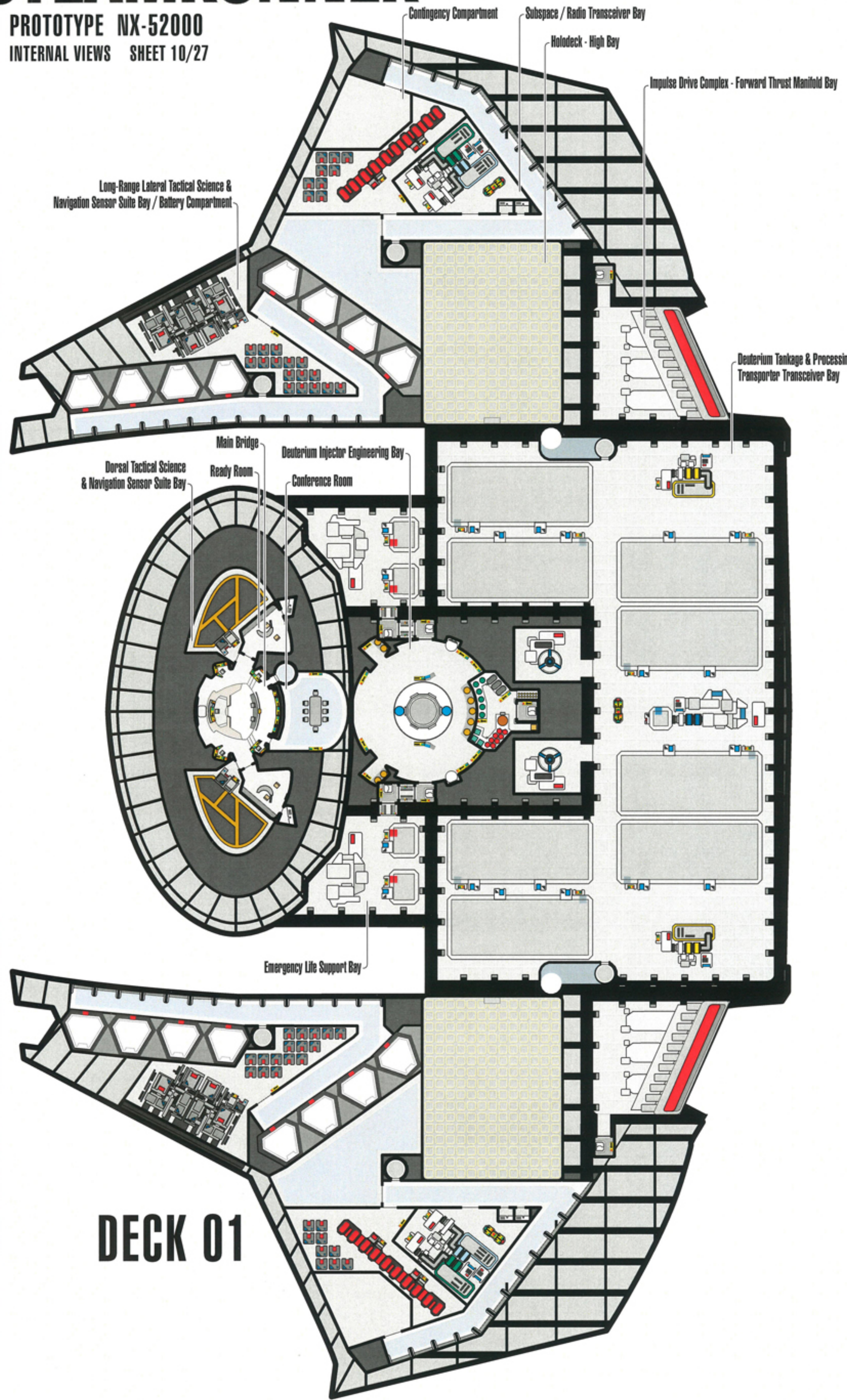
U.S.S. STEAMRUNNER
NX-52000
UNITED FEDERATION OF PLANETS

VENTRAL VIEW

Scale
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STEAMRUNNER

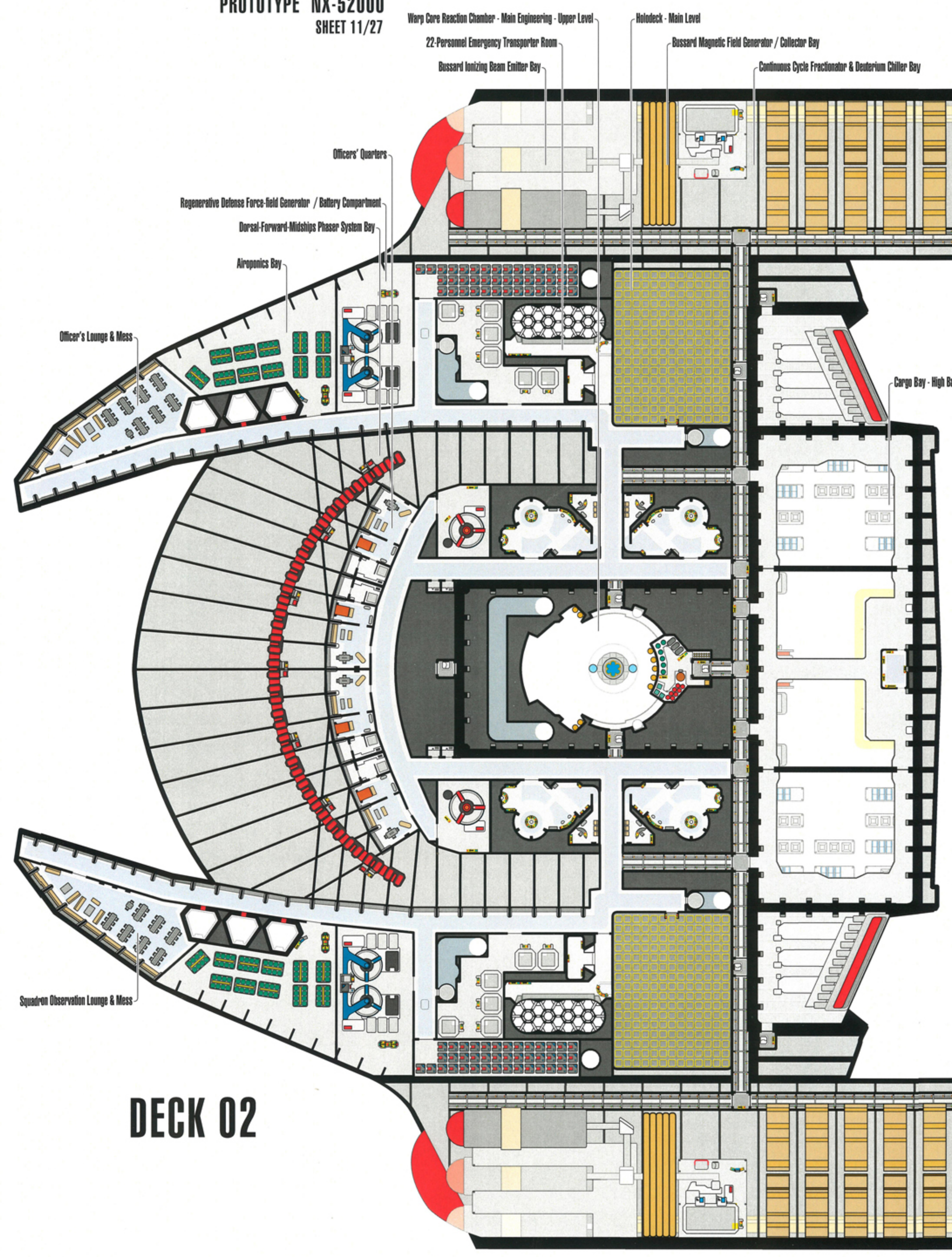
PROTOTYPE NX-52000
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DECK 01

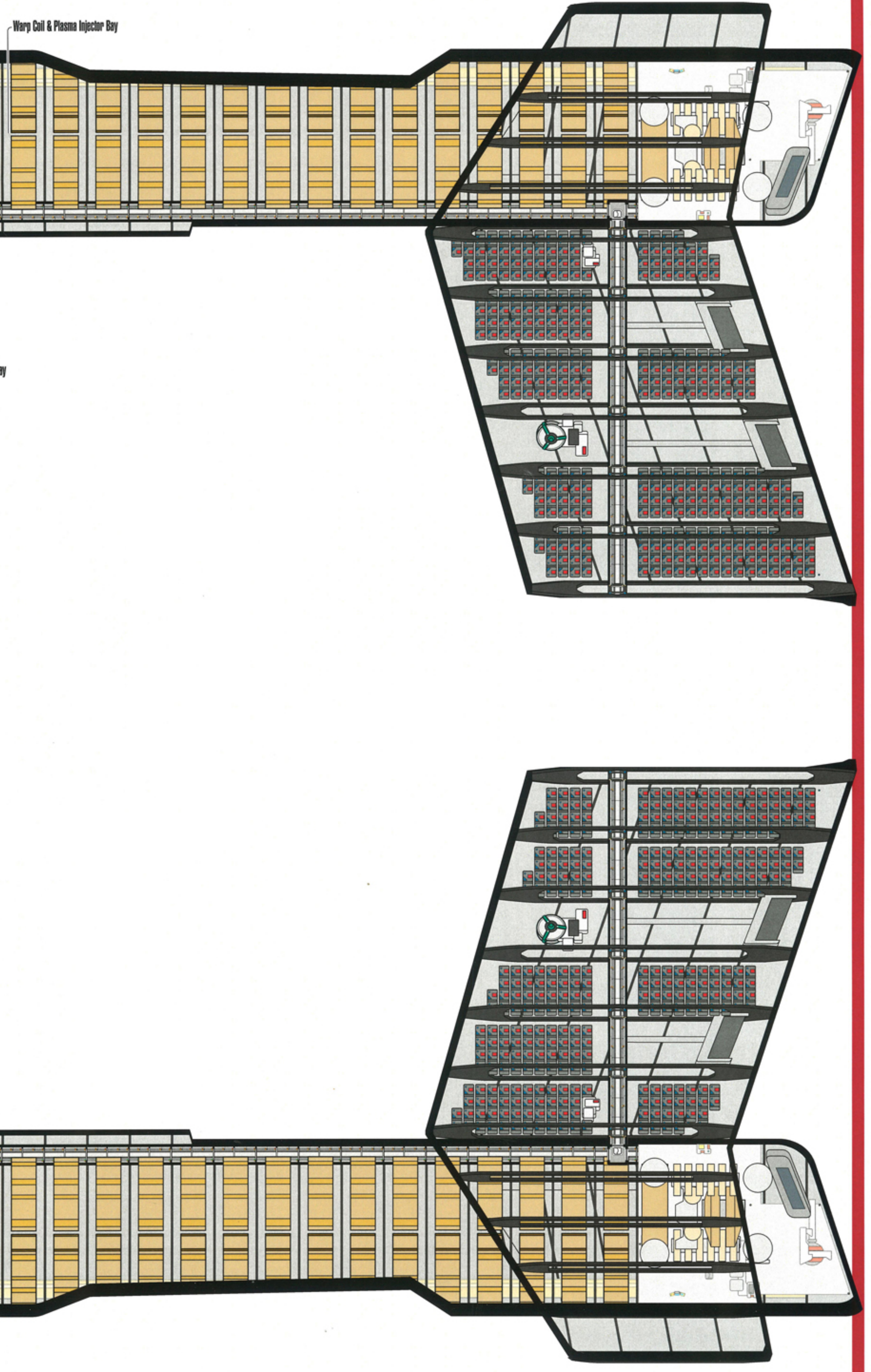


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DECK 02

PROTOTYPE NX-52000
SHEET 12/27



STEAMRUNNER

PROTOTYPE NX-52000

INTERNAL VIEWS SHEET 13/27

DECK DIRECTORY

DECK DIRECTORY

SAUCER SECTION

- 1 Regenerative Oxygen Force-Field Generator / Safety Encampment
 2 Impulse Drive Coaxles / Reverse Thrust Module / Ventral-All Pileup Systems / Lateral Escaper Arm Bay
 10 Escape Pod Access
 6 Head

DECK 04

- 3 Battery Compartment
 70 Editorial Quarters
 2 Damage Control Lector
 2 Compurgatory Supply Lector
 2 Kitchy Complex
 2 Diagnostic Hub
 1 Medical Lab
 2 Morgue
 7 Head
 2 6-Parasol Transporter Room
 2 Application Systems & Data Material Storage Bay
 1 Wary Care Reaction Chamber
 1 Main Engineering - Main Level
 1 Vertical O/W / P/W / Comms/Data Distribution Trunk
 2 Engineering Force-Field Generator Bay
 1 Escaper Chamber
 2 Security Control/Drilling Room
 2 Office
 6 Holding Cell
 1 Armory & Drift Warehouse
 2 Impulse Drive Coaxles - Fusion Reactor & Forward Thrust Module Bay
 4 Head
 10 Head

DECK 05

- 1 Officer's Quarters
 10 Editorial Quarters
 1 Fighter Bay - Upper Level
 2 Fighter Bay / Shuttlebay Control Room
 1 Main Forward Plasma Turbine Launch & Converter Chamber Bay - Upper Level
 1 Computer Core - Upper Level
 1 Wary Care Cooling Bay
 1 Vertical O/W / P/W / Comms/Data Distribution Trunk
 2 Engineering Force-Field Generator Bay
 1 Shuttlebay 1 - High Bay
 2 Impulse Drive Coaxles - Fusion Reactor & Forward Thrust Module Bay
 2 Structural Integrity Field Generator Bay
 4 Head

DECK 06

- 14 Officer's Quarters
 20 Editorial Quarters
 2 RCS Thruster & Fueling System Bay
 2 Application Systems & Data Material Storage Bay
 2 Battery Compartment
 1 Diagnostic - Main Level
 2 Airlock
 1 Main Forward Plasma Turbine Launch & Converter Chamber Bay
 1 Computer Core - Mid Level
 1 Wary Care Engineering Bay
 1 Vertical O/W / P/W / Comms/Data Distribution Trunk
 1 Shuttlebay 1 - Main Level

DECK 07

- 2 Lateral Escaper Arm / Ventral-Midship Pileup System / Structural Integrity Field Generator / Transporter Translocator / Force-Field Generator Bay
 29 Editorial Quarters
 1 Main Forward Plasma Turbine Launch & Converter Chamber Bay
 6 Battery Compartment
 1 Diagnostic - Main Level
 2 Airlock
 1 Main Forward Plasma Turbine Launch & Converter Chamber Bay
 1 Computer Core - Mid Level
 1 Wary Care Engineering Bay
 1 Vertical O/W / P/W / Comms/Data Distribution Trunk
 1 Shuttlebay 1 - Main Level

DECK 08

- 2 6-Parasol Transporter Room
 2 Structural Integrity Field Generator / Force-Field Generator / Life Support Bay
 1 Life Support Bay
 1 Main Deflector Cannon & Converter Bay - Upper Level
 2 Forward-All Plasma Turbine Converter / Converter / Magazine Bay - Upper Level
 1 Detachable Micro-Wary Care / Antimatter Combustion Bay
 2 Head

DECK 09

- 1 Main Deflector Cannon & Converter Bay - Mid Level
 2 Forward-All Plasma Turbine Converter / Converter / Magazine Bay - Mid Level
 1 Detachable Micro-Wary Care / Antimatter Combustion Bay
 2 Head

DECK 10

- 1 Main Deflector Cannon & Converter Bay - Main Level
 2 Forward-All Plasma Turbine Converter / Converter / Magazine / Emergency Supply / Damage Control / Structural Integrity Field Generator Bay - Main Level
 1 Battery Compartment
 2 Head

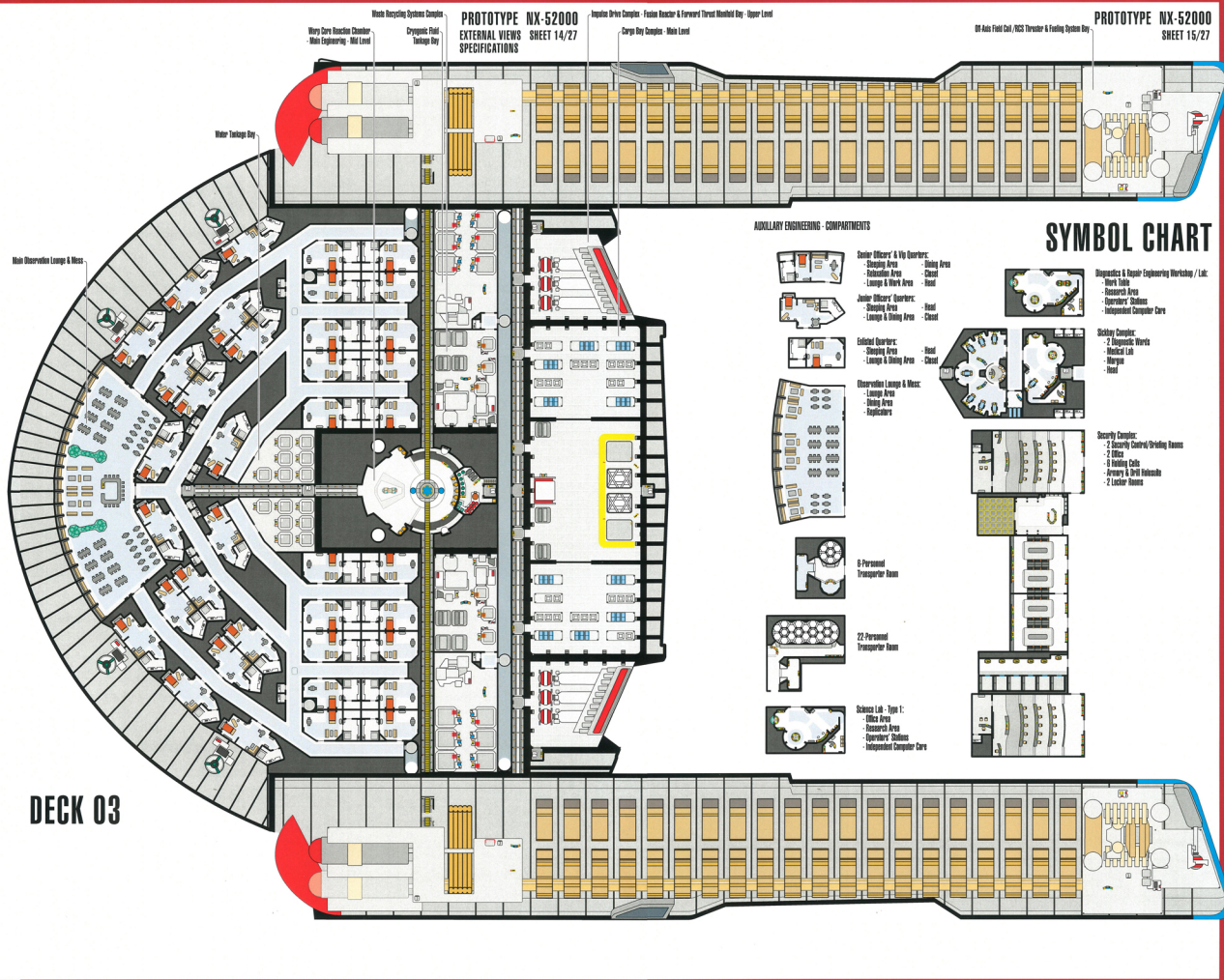
DECK 11

- 1 Androgyn Landing Thruster Bay
 2 Forward-All Plasma Turbine Converter / Converter / Magazine / Emergency Supply / Damage Control / Force-Field Generator Bay - Mid Level
 1 Detachable Fusion Reactor / Detachment Tankage Bay
 2 Head

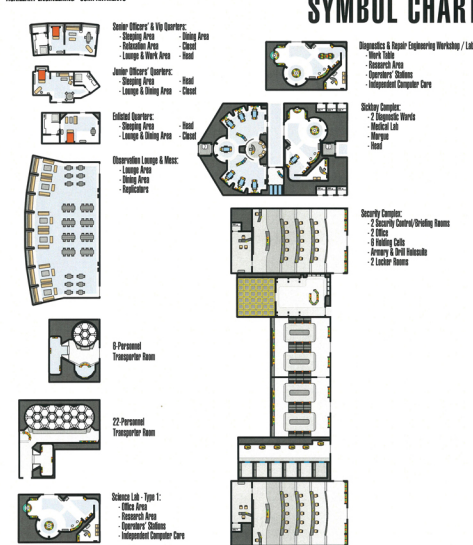
DECK 03

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PROTOTYPE NX-52000
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ADJUNCT ENGINEERING - COMPARTMENTS



SYMBOL CHART

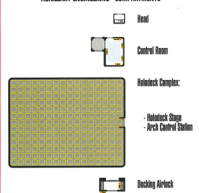


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SYMBOL CHART

SYMBOL CHART

AUXILIARY ENGINEERING - COMPARTMENTS



ENVIRONMENTAL ENGINEERING - LIFE SUPPORT SYSTEMS



ENVIRONMENTAL ENGINEERING - REPLICATION



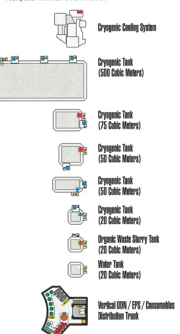
ENVIRONMENTAL ENGINEERING - WASTE RECYCLING



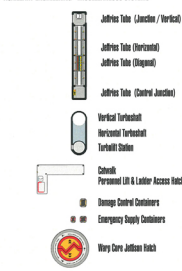
AUXILIARY ENGINEERING - EXTERNAL FEATURES & MARKINGS



FLUID/GAS TANKAGE & DISTRIBUTION



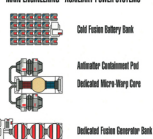
AUXILIARY ENGINEERING - MISCELLANEOUS SYSTEMS



MAIN ENGINEERING - ELECTRO-PLASMA SYSTEMS



MAIN ENGINEERING - AUXILIARY POWER SYSTEMS

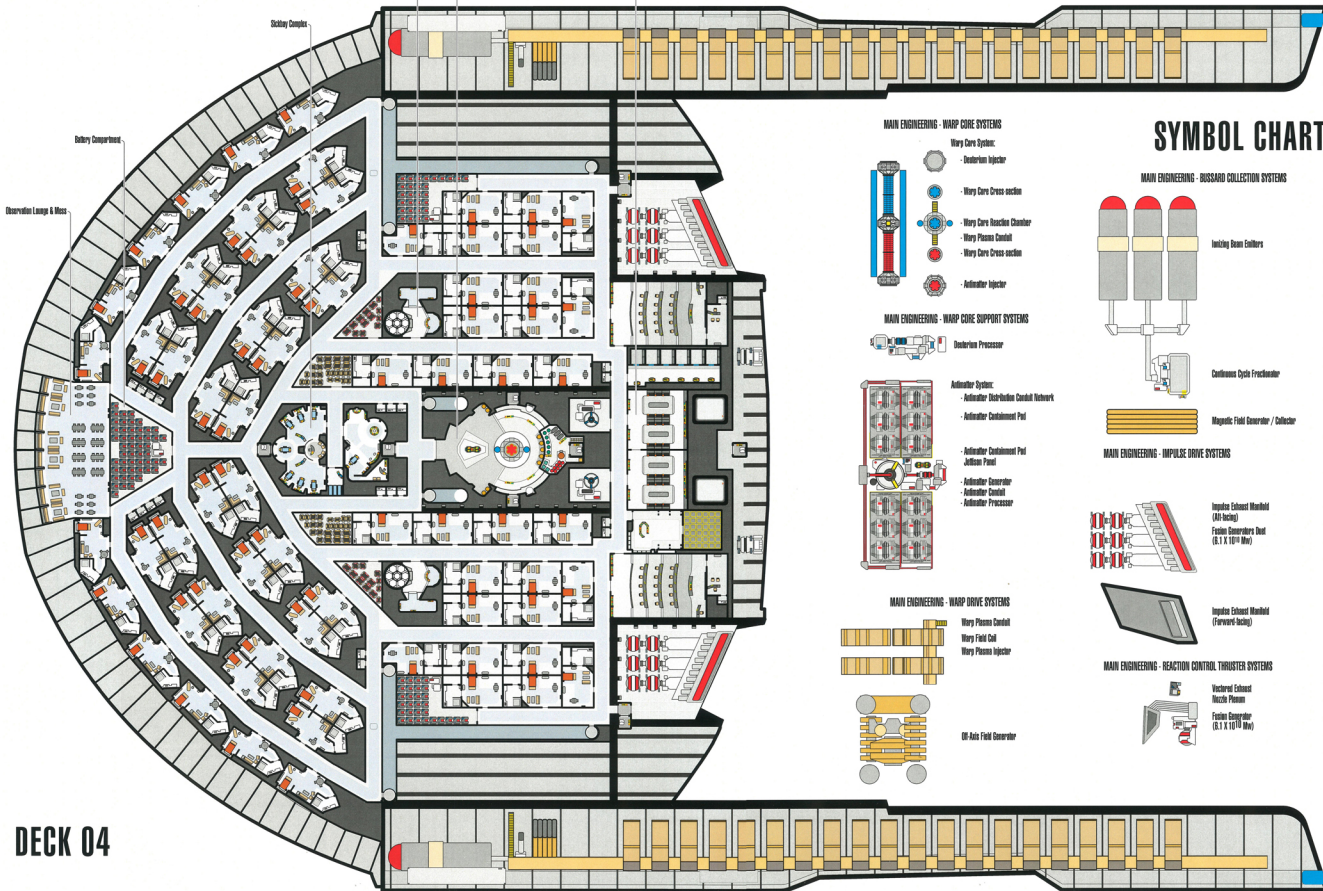


PROTOTYPE NX-52000
EXTERNAL VIEWS SHEET 17/27
SPECIFICATIONS

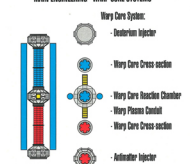
DECK 04



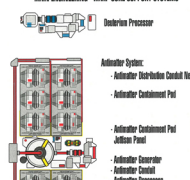
0 Personnel Transporter Room
Wary Core Reactor Chamber
- Main Equipping - Main Level
Security Console



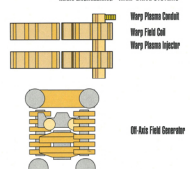
MAIN ENGINEERING - WARP CORE SYSTEMS



MAIN ENGINEERING - WARP CORE SUPPORT SYSTEMS

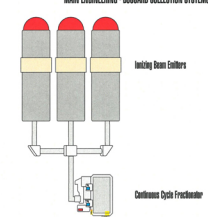


MAIN ENGINEERING - WARP DRIVE SYSTEMS

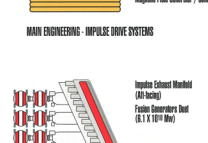


SYMBOL CHART

MAIN ENGINEERING - SUBSAR COLLECTION SYSTEMS



MAIN ENGINEERING - IMPULSE DRIVE SYSTEMS



MAIN ENGINEERING - REACTION CONTROL THRUSTER SYSTEMS

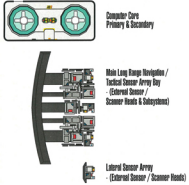


STEAMRUNNER

PROTOTYPE NX-52000
INTERNAL VIEWS SHEET 19/27
SYMBOL CHART

SYMBOL CHART

AUXILIARY ENGINEERING - INFORMATION SYSTEMS



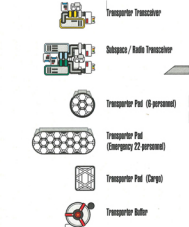
AUXILIARY ENGINEERING - CONSOLES & STATIONS



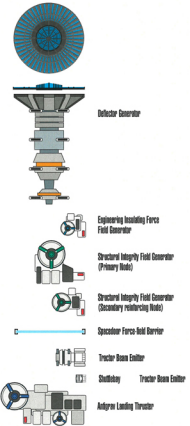
ESCAPE SYSTEMS



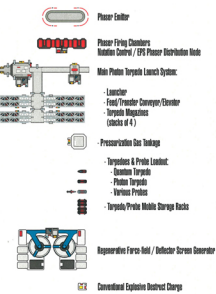
AUXILIARY ENGINEERING - TRANSPORT & COMMUNICATIONS SYSTEMS



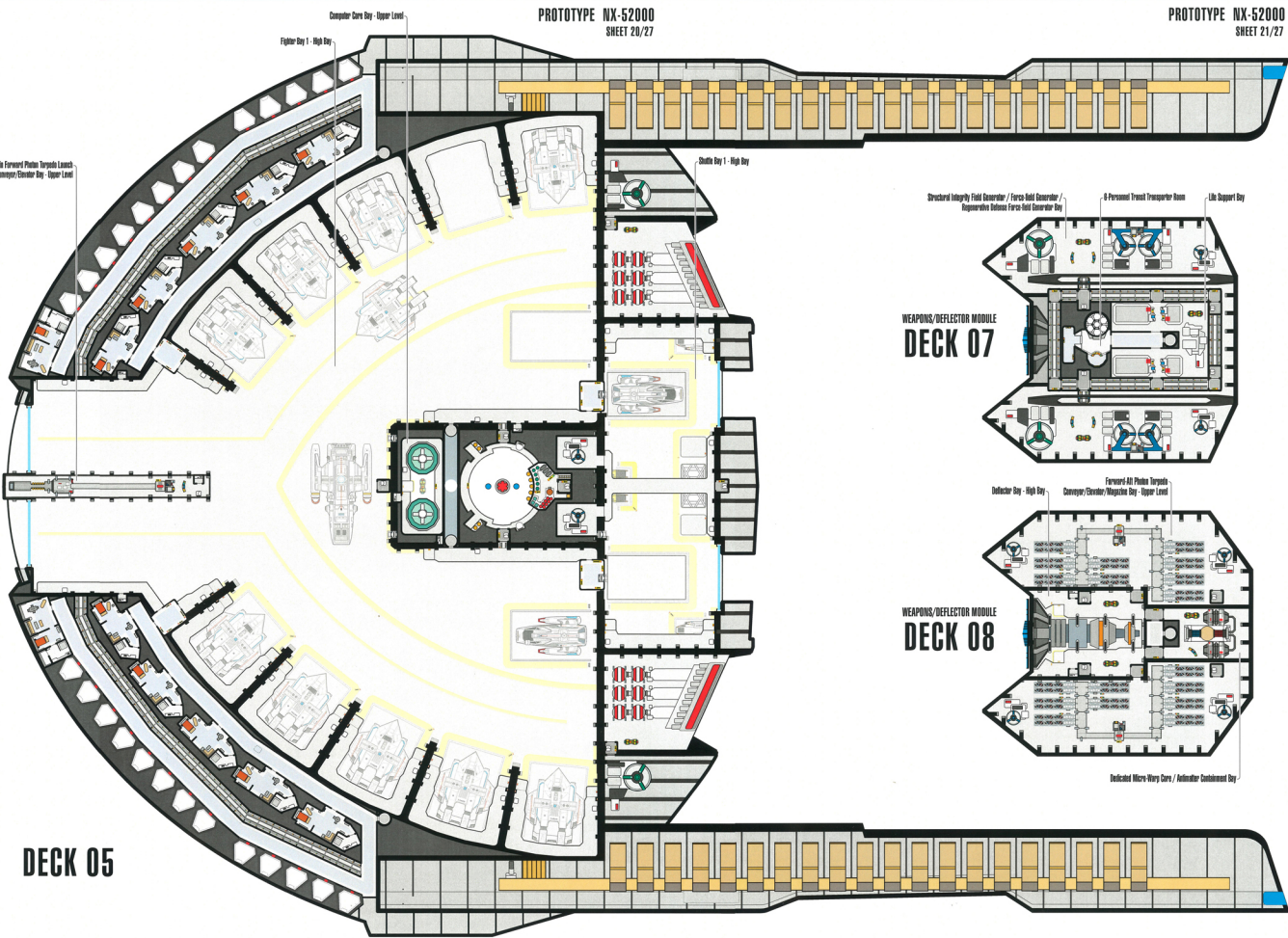
AUXILIARY ENGINEERING - SHOOTING SYSTEMS



AUXILIARY ENGINEERING - DEFENSE SYSTEMS



Main Forward Photon Torpedo Launch & Channel Control Bay (Upper Level)

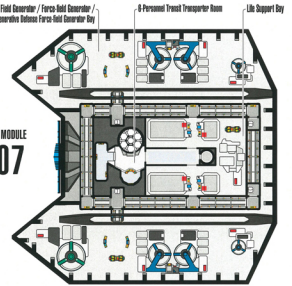


DECK 05

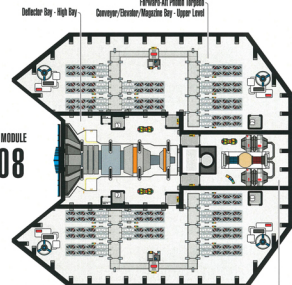
PROTOTYPE NX-52000
SHEET 20/27

PROTOTYPE NX-52000
SHEET 21/27

WEAPONS/DEFLECTOR MODULE
DECK 07



WEAPONS/DEFLECTOR MODULE
DECK 08

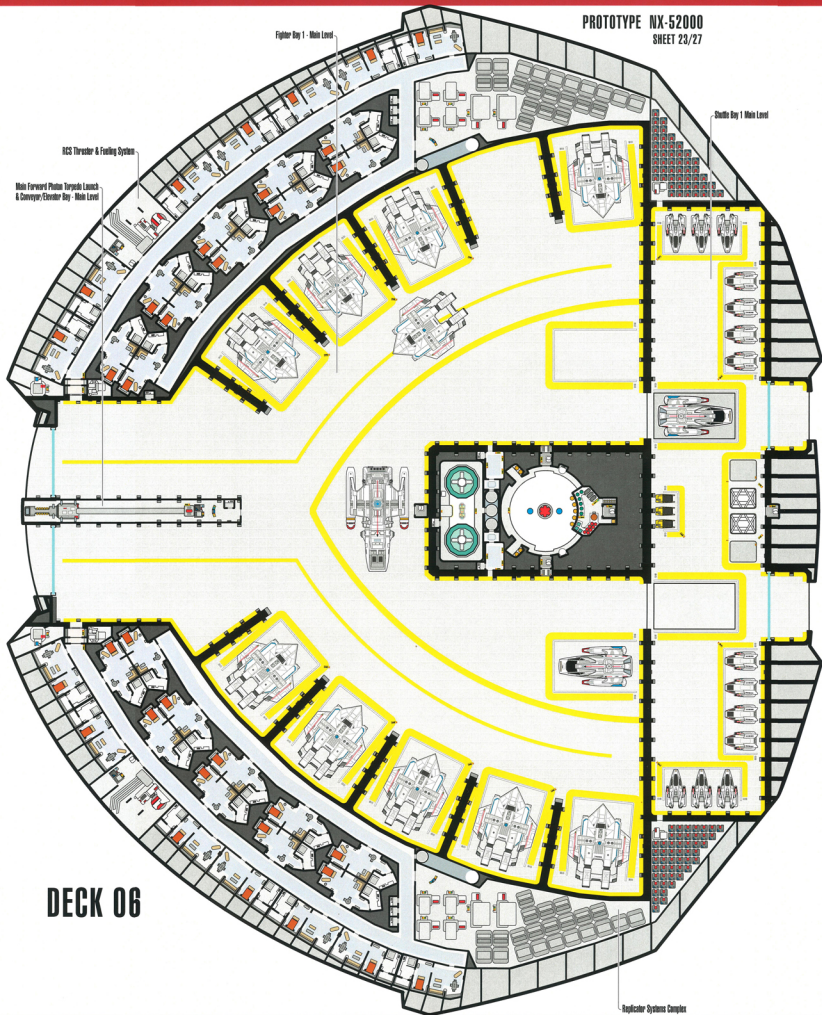
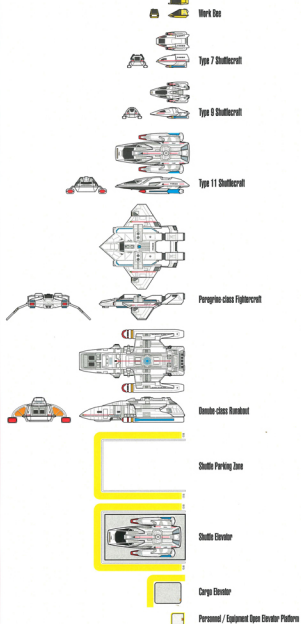


STEAMRUNNER

PROTOTYPE NX-52000
INTERNAL VIEWS SHEET 22/27
SYMBOL CHART

SYMBOL CHART

EMBARKEO CRAFT & SYSTEMS

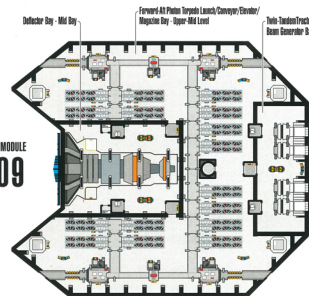


DECK 06

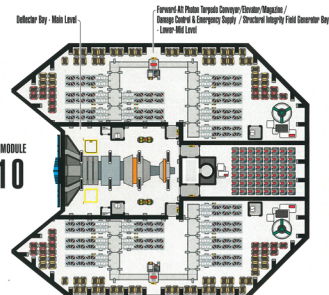
PROTOTYPE NX-52000
SHEET 23/27

PROTOTYPE NX-52000
SHEET 24/27

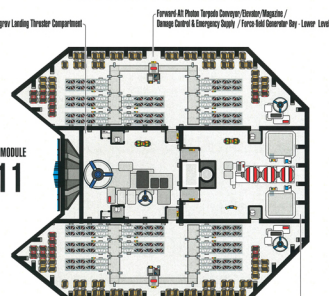
WEAPONS/DEFLECTOR MIDDLE
DECK 09



WEAPONS/DEFLECTOR MIDDLE
DECK 10



WEAPONS/DEFLECTOR MIDDLE
DECK 11



STEAMRUNNER

PROTOTYPE NX-52000
INTERNAL VIEWS SHEET 25/27

Lateral Gunner Array / Vertical Missile Phaser System / Structural Integrity Field Generator / Transporter Transceiver Bay

Long Range Forward Tactica Station & Navigation Gunner Sub Bay

Main Forward Plasma Torpedo Magazine / Cannon / Emitter Bay

Engineering Worktable

Shuttle 2

Regenerative Force Field / Reflector Screen Generator Bay

Double Emitter Bay

Ionizer Drive Bay Complex - Reverse Thrust Manifold / Vertical All Phaser System / All Lateral Gunner Bay

DECK 07

Scale
1:11111

PROTOTYPE NX-52000
SHEET 26/27

PROTOTYPE NX-52000
SHEET 27/27

Structural Integrity Field Generator Compartment
Vertical Phaser System Compartment
Regenerative Force Field / Reflector Screen Generator Bay

Life Support Bay

Computer Core Bay - Main Level

Antidrone Ejector Engineering Bay

Antidrone Landing Thruster Compartment

Structural Integrity Field Generator Compartment

Plasma Relay Compartment

Antidrone Combined Fuel / Ejector Compartment

DECK 08

