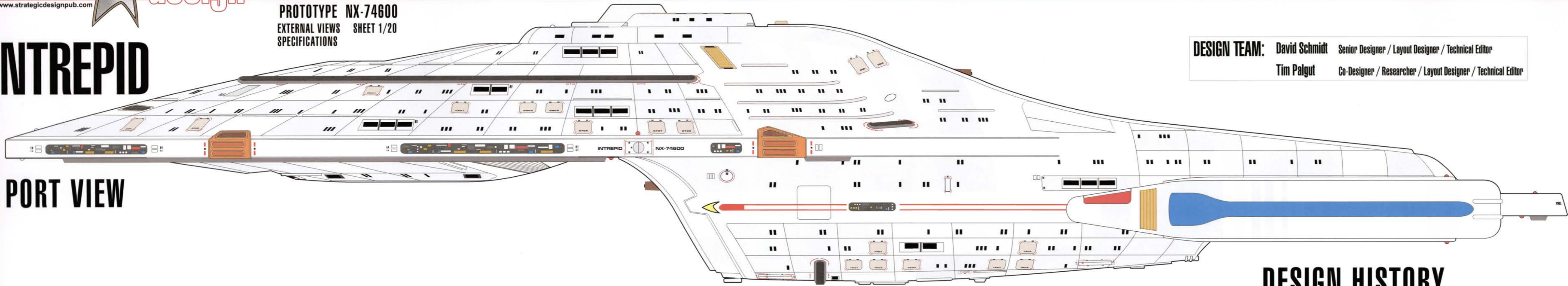


PROTOTYPE NX-74600
EXTERNAL VIEWS SHEET 1/20
SPECIFICATIONS

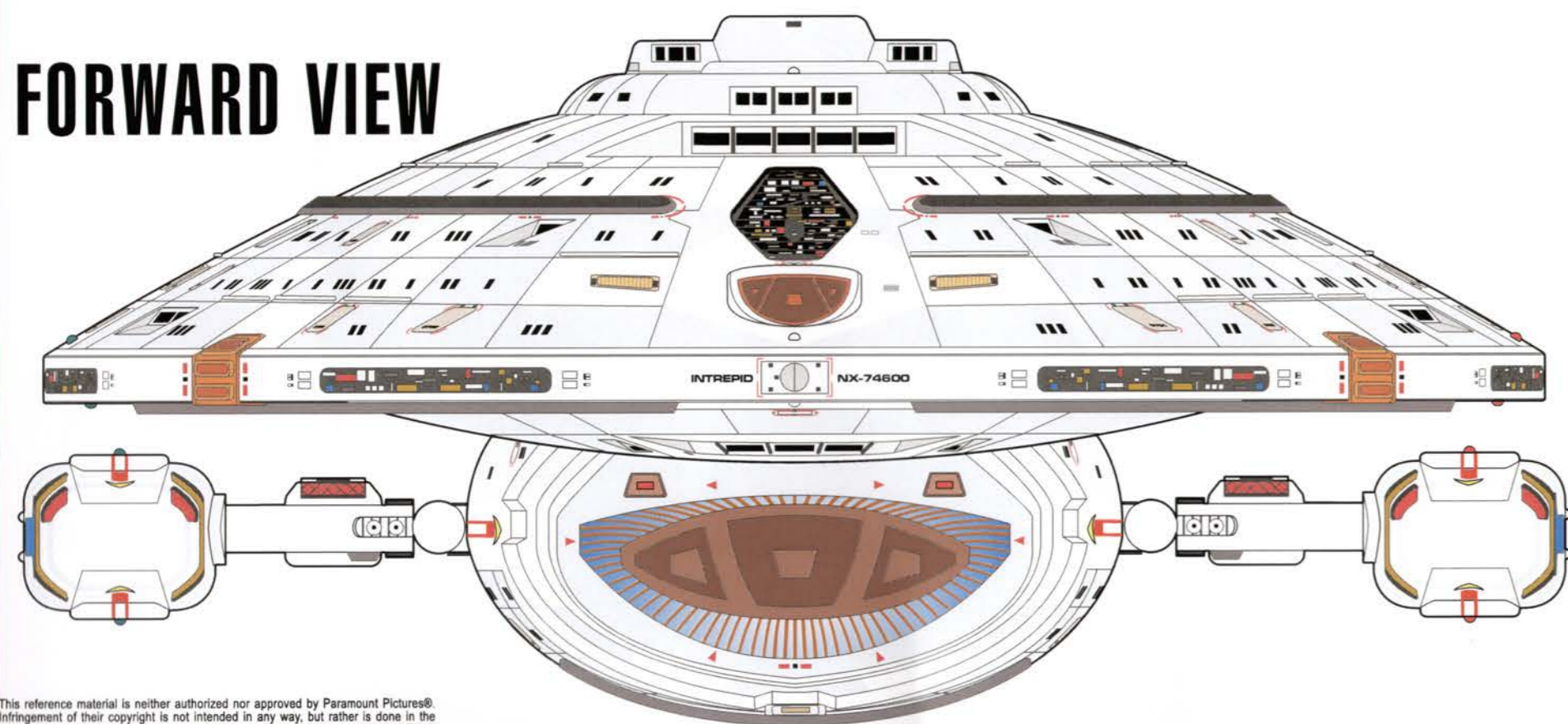
PROTOTYPE NX-74600
SHEET 2/20

INTREPID

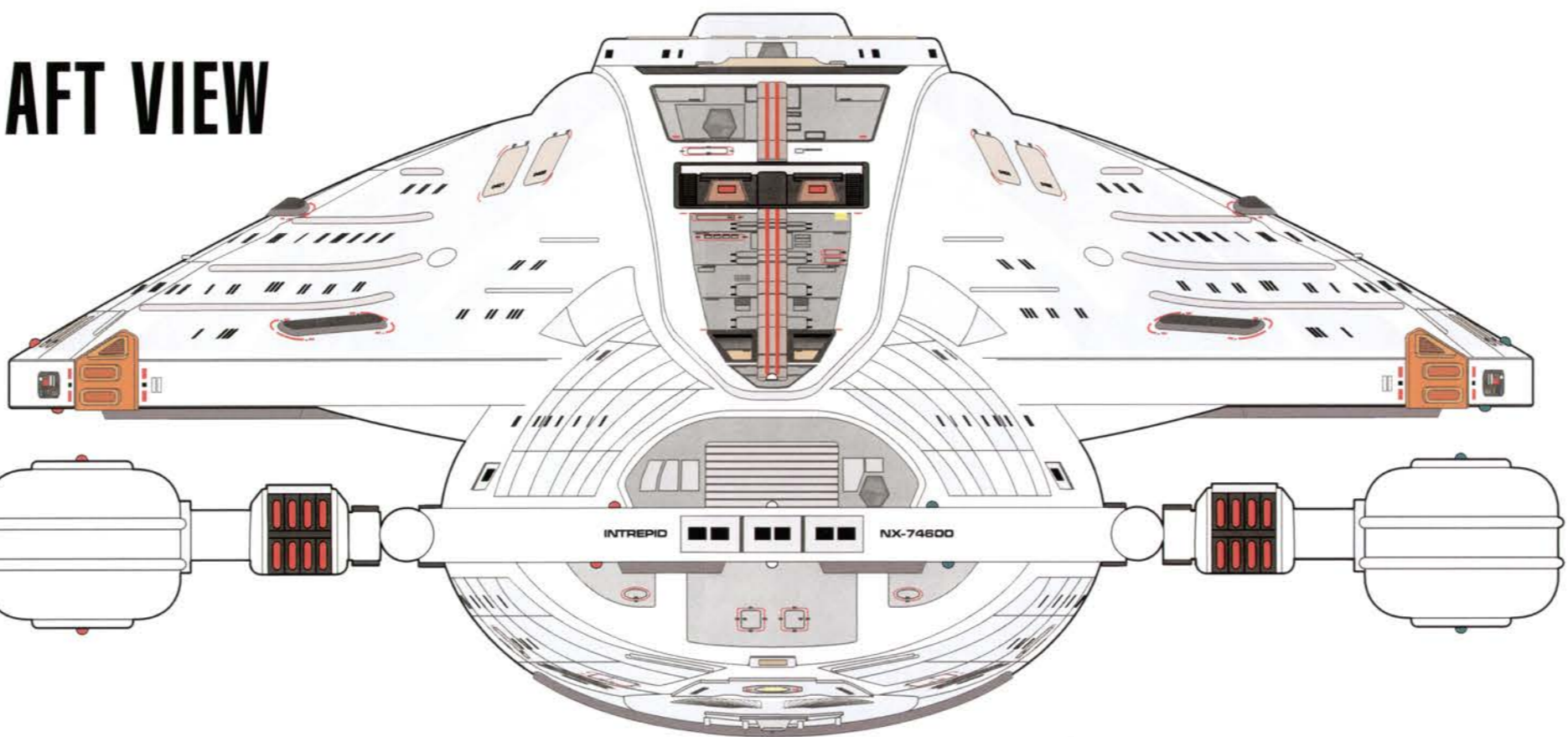
PORT VIEW



FORWARD VIEW



AFT VIEW



DESIGN TEAM: David Schmidt Senior Designer / Layout Designer / Technical Editor
Tim Palgut Co-Designer / Researcher / Layout Designer / Technical Editor

DESIGN HISTORY

Project Intrepid was first proposed by Starfleet Command to the Federation Council in 2360 as an exploration vessel to supplement the Galaxy Class - nearing completion at the time. As such it would replace the the aging Excelsior Class. The proposed specifications and capabilities were far superior to that of the Excelsior-class, as the latter - albeit continuously upgraded with newer technologies throughout the decades of their refits - reflected the lack of flexibility inherent when state-of-the-art systems are installed within older vessels not designed to make maximum usage of them. In 2256 Starfleet Command instructed the Advanced Starship Design Bureau to begin the design process. The Bureau's Starfleet Tactical Development Division experimented with several spacetime concepts, finally accepting the then-untried "Hybrid Hull" - which would eventually be utilized in the design of the Sovereign Project.

The Intrepid-Class Exploration Cruiser incorporated an outstanding array of sensors, full phaser coverage, and high warp cruising ability. Perhaps the most innovative of the design's features were variable-geometry warp nacelles. It was long recognized that warp fields needed different configurations for optimal performance at different speeds. Traditionally, starships achieve these configurations by "forcing" their hardware, using different injection angles in the warp nacelles. Engineers with the Strategic Design and Tactical Group developed a unique approach method: move the nacelle to fit the configuration demanded. The motion is hardly noticeable, ranging from thirty to thirty-four degrees, but the improvement in efficiency (and resultant lessening of spacetime stress) is dramatic.

Another major improvement over previous designs is the improved impulse engines, capable of increased sublight tactical maneuvering. Their power necessitated relocation from the traditional dorsal surface to the warp nacelle pylons, which in turn required that the pylons be lowered to horizontal when the ship is in impulse mode. The ship's complement was reduced somewhat, and a prototype Emergency Medical Hologram system was installed.

The first spacetime components of the class' lead ship were gamma-welded at the Utopia Planitia Fleet Yards in 2363. On 09 November 2368, U.S.S. Intrepid (NX-74600) was launched from Utopia Planitia. She immediately began shakedown trials in the home sectors, being formally commissioned on 30 July 2369. Intrepid has the distinction of being the only starship not under the auspices of the Warp Travel Restriction Act of 2370. Her variable geometry nacelles avoid the subspace damage that traditional starships produced. Lessons learned from Intrepid made retrofits of existing starships possible, allowing the negation of the Act in 2371.

SPECIFICATIONS

PARTICULARS	CREW & AUXILIARY SYSTEMS
Vessel Class: Intrepid	Complement: 30 Officers
Identification: NX-74600	120 Enlisted
Type: Exploration Cruiser	Transporters: 4 8-personnel
	2 22-personnel Emergency
	2 Cargo
SPACEFRAME	INFORMATION SYSTEMS
Overall Length: 344 meters	Computer Core: 4 (2 Primary / 2 Secondary)
Overall Beam: 130 meters	Isolinear Optical Chip
Overall Draft: 63 meters	Translator FTL Nanoprocessors
Decks: 15	Bioneural Gelpack Subprocessors
Displacement: 7.0 X 10 ⁵ tons	

WARP SYSTEMS	
Power: Matter / Antimatter Reactor (2.1 X 10 ⁹ terawatt)	
Cruising Speed: wf 6.0	
Flank Speed: wf 8.975 (Sustainable for 12 hours)	
Burst Speed: wf 9.995 (Sustainable for 1 hour)	

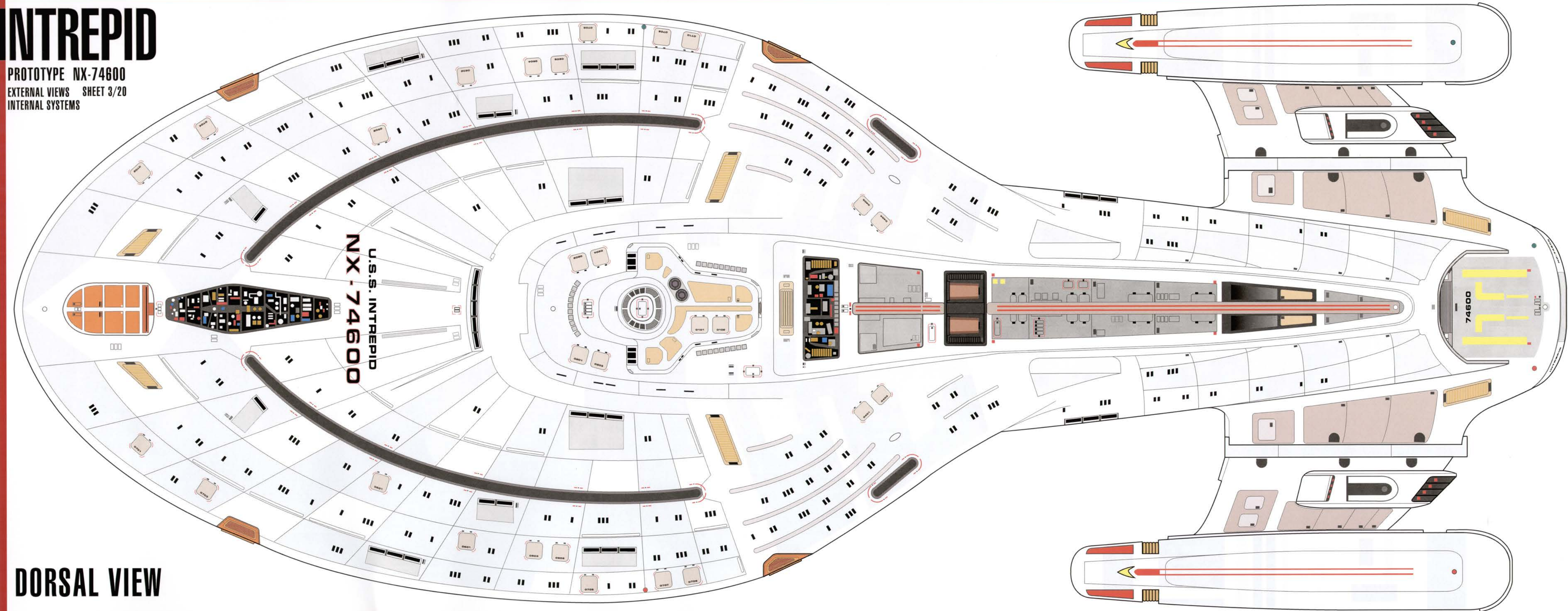
IMPULSE SYSTEMS	
Power: 2 - Primary - Deuterium Fusion Reactor (1.25 X 10 ¹¹ megawatt)	
2 - Secondary - Deuterium Fusion Reactor (6.1 X 10 ¹⁰ megawatt)	
Vector Nozzle: 2 (one per nacelle support pylon)	
Cruising Speed: 0.25 c	
Flank Speed: 0.92 c	

TACTICAL SYSTEMS	
Phaser: 13 - Type X Strip	
Torpedo Tube: 2 Fore / 2 Aft - Type 3f (burst fire)	
Magazine: 80 Mark VI Photon Torpedoes	
20 Class 1-9 Probes	
Grid: 11 Deflector Shield Generator	
(rated 1.15 X 10 ³ mw - standby / 2.69 X 10 ³ mw - alert / 4.73 X 10 ³ mw - 0.0017 Sec.)	
7 Primary Structural Integrity Field Generator (rated 1.15 X 10 ³ mw)	
2 Secondary Structural Integrity Field Projector (rated 2.3 X 10 ³ mw)	
Deflector: 1 - Primary - forward (2.40 X 10 ² megawatt - 250 millicochrane)	
1 - Secondary - forward (1.10 X 10 ² megawatt - 115 millicochrane)	
Traction Beam: Main - 1 Fore / 1 Aft (18 megawatt - 450 millicochrane)	
1 Shuttlebay (internal)	

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INTREPID

PROTOTYPE NX-74600
EXTERNAL VIEWS SHEET 3/20
INTERNAL SYSTEMS



DORSAL VIEW

INTERNAL SYSTEMS

SECTION 1.0 SPACECRAFT STRUCTURE
The spacelike of the Intrepid-class starship is tritanium/duranium macrofilament truss frames, averaging 0.65 m² in cross section. These are placed at the tops of Decks 2,4,6,8,10, 12 and 14 for all three axis of the ship. 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 SPACECRAFT 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 hull 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 polycobram 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.

SECTION 1.2 STRUCTURAL INTEGRITY FIELD
The physical integrity of the spacelike is augmented by the SIF. The SIF is created by two main field generators on Deck 4, two secondary field generators on Deck 8, and two secondary type field generators are located in the pylons, used strictly for low level continuous-duty there. Each consists of a pair of 2 megawatt graviton polarity sources. These feed a pair of 150 millicochrane subspace field distortion amplifiers. Any two units are capable of supporting the entire SIF grid at 100% for 48 hours before gaussing 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. In addition to the waveguides within the internal spacelike, there is a series of SIF emitters on the hull.

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 millicochrans with field differential of 5.26 nanocochrans/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 within the vessel, filling a variety of roles. Main Engineering has a series responsible for maintaining containment for the Warp 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.



INTERNAL SYSTEMS CONTINUED

SECTION 2.0 COMPUTER SYSTEMS

The Main Computer Cores (MCC) are located on Decks 10 through 12 in the Engineering hull. The MCCs consist of 672 dedicated modules of 144 isolinear optical storage chips, which, under LCARS control provide dynamic access at a rate of 4,800 kioquads/sec. The total storage capacity for each module is 64,000 to 128,000 kioquads, depending on software configuration and data compression rates. The two Secondary Computer Cores (SCC) are located on Decks 8 and 7 in the primary hull, and can take over from the Main Computer Cores with the loss of non-critical functions, such as the holodeck. The SCCs consist of 224 dedicated modules of 144 isolinear optical storage chips, with the same characteristics as the MCCs modules. Both the MCCs and SCCs are joined to the Optical Data Network (ODN) by triple redundant Micron Junction Links (M.J.L) on each module. The usual 12% Doppler loss in transmission has been reduced to 5.5% by the use of Bio-Neural Circuitry replacing 35% of the optics in the ODN. Bio-Neural Circuitry (BNC), also known as gel-packs, have the ability to organize, process, and transmit complex information faster than the ODN can with pure optics. BNCs are made from synthetic neural cells designed explicitly for data processing. They are also the main part of the Sub-Processors Nodes (SPN) located on the Bridge, Engineering, Sickbay, and emergency shelters throughout the ship. These SPNs can run the entire ship for 8 hours in the event of complete loss of all MCCs and SCCs. The final layer to the computer systems is a dedicated short range Radio Frequency (RF) system that all cores and SPNs use to communicate with the control panels, access points, and PADDs.

SECTION 2.1 INFORMATION GATHERING SYSTEMS

Information gathering systems are divided into sensors (passive energy/field detecting/analyzing) and scanners (active energy/field emitting-reflection detecting/analyzing systems). Each of these is further subdivided into long-range (faster-than-light) and short-range (lightspeed). Omni-directional packages are generally mounted on sensor pallets - which are located on the vessel's dorsal and ventral Z-axis poles as well as along the vessel's z-axis equator. Directional packages (including tactical scanners) are mounted along the vessel's x-axis - fore and aft.

SECTION 3.0 CREW FACILITIES - QUARTERS

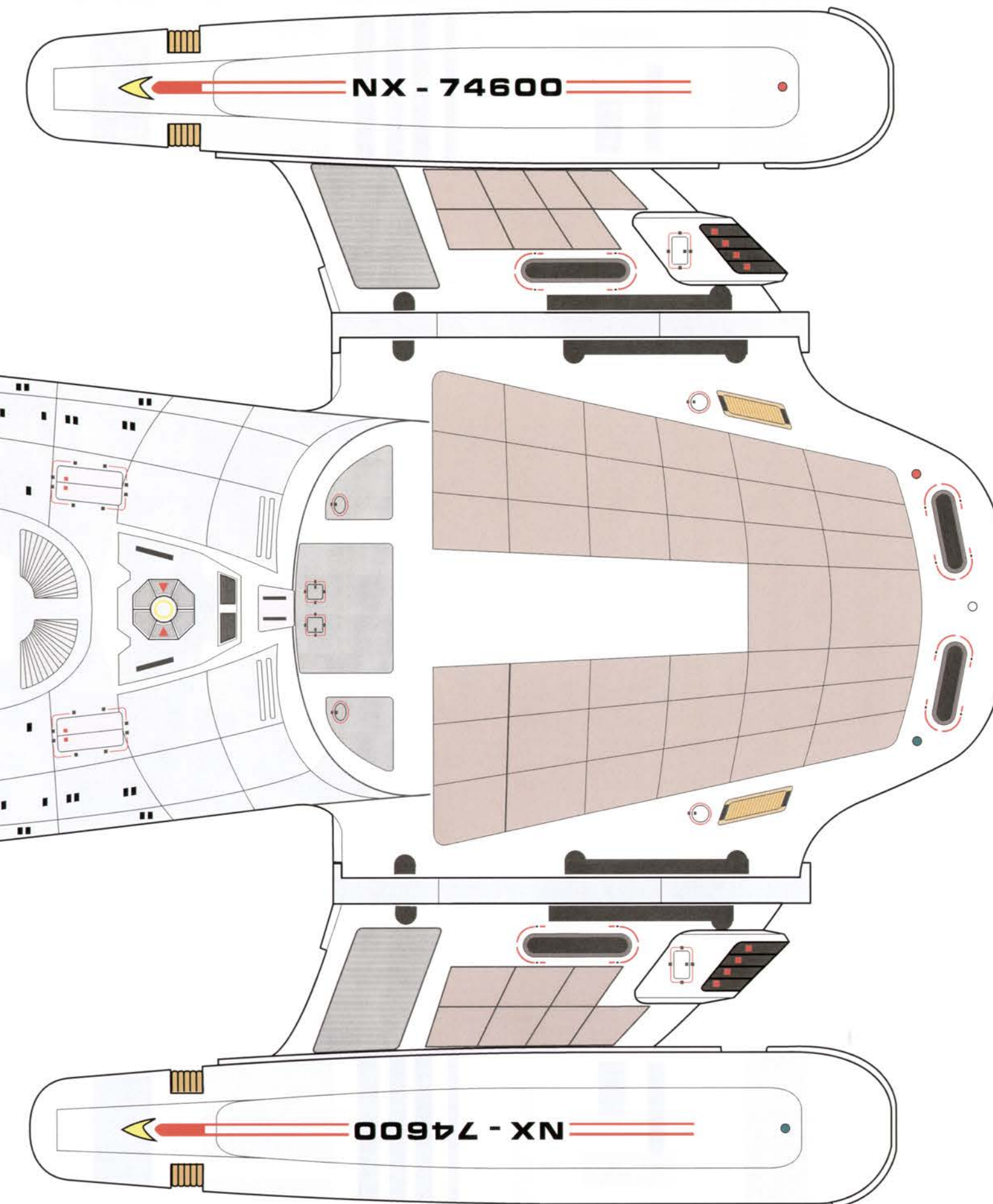
Crew quarters have been standardized for the past half-century, and are modular. Enlisted quarters consist of 2 compartments (sleeping area and dining/relaxation area), plus closet and head. Officer quarters consist of 3 compartments (sleeping area, dining area, and relaxation area), plus closet and head. Senior Officer quarters consist of 4 compartments (sleeping area, dining area, relaxation area, social/office area), plus closet and head. V.I.P. quarters are similar to Senior Officer quarters, but are somewhat roomier and more elegantly appointed.

SECTION 3.1 SCIENCE FACILITIES

The Intrepid-class starships are outfitted with 16 Type 1 Science Labs, consisting of an office area, independent computer micro-core, research area/kiosk equipped with circular quarantine field, tandem operator's stations/LCARS terminals, and instrument/specimen storage locker. As well there are 2 Diagnostics & Repair Engineering Workshop/Labs, similar to the Type 1 lab but also holding an engineering worktable. Two Medical Labs are contained within the Sickbay Complex. A pair of Type 2 Labs (Stellar Cartography and Astrometrics - specially-outfitted for holographic display) completes the list.

SECTION 3.2 LIFE SUPPORT

Due to the size of the vessel and crew complement, there are several main Life Support systems, which contain the vessel's atmosphere conditioning systems (Air refresh/recycle, temperature/humidity/ionization control), plus controls for gravitational and inertial damping generators. Additionally, most decks have or share a smaller emergency life support room, which will handle that deck(s) needs should the main system go down.

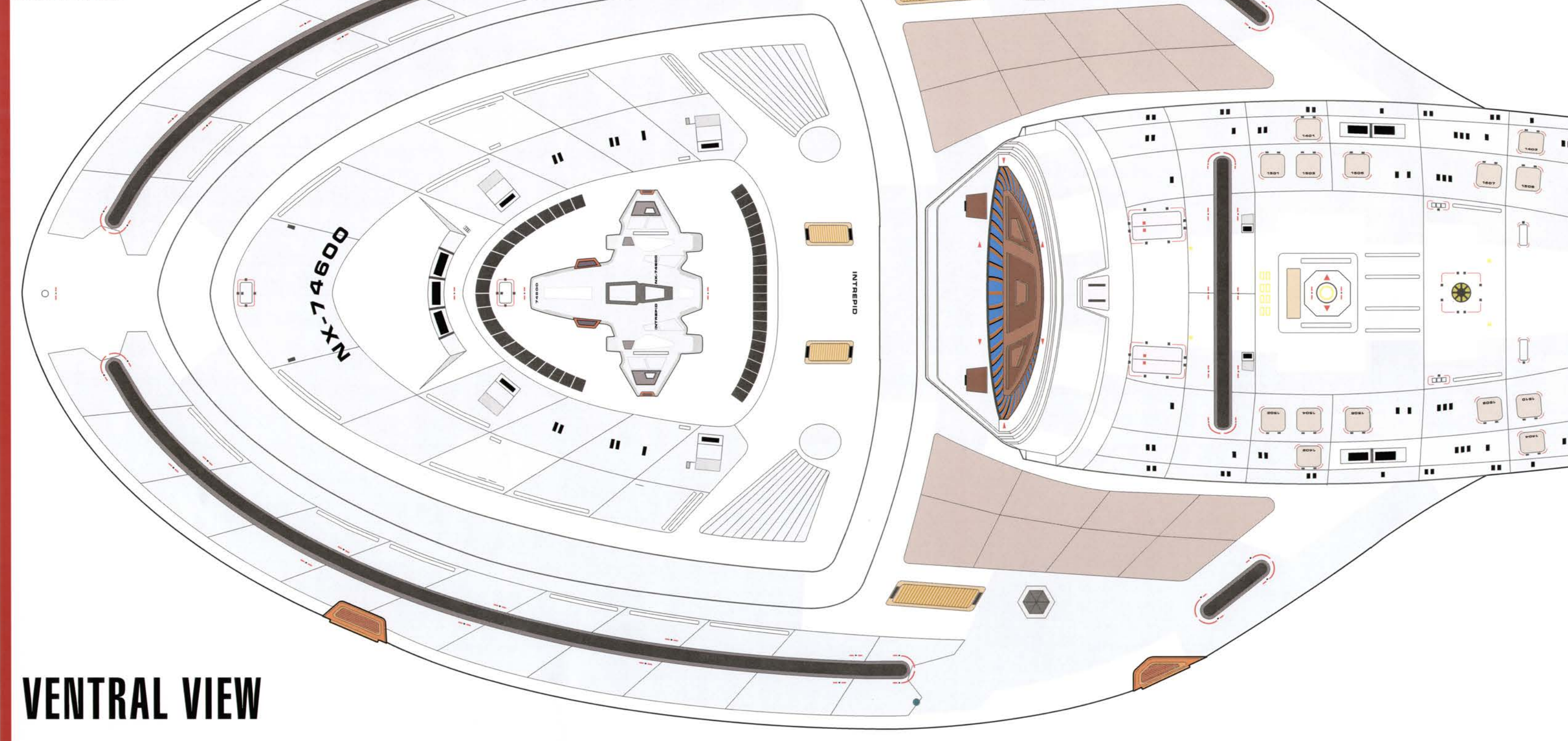


INTREPID

PROTOTYPE NX-74600

EXTERNAL VIEWS SHEET 5/20

INTERNAL SYSTEMS



VENTRAL VIEW

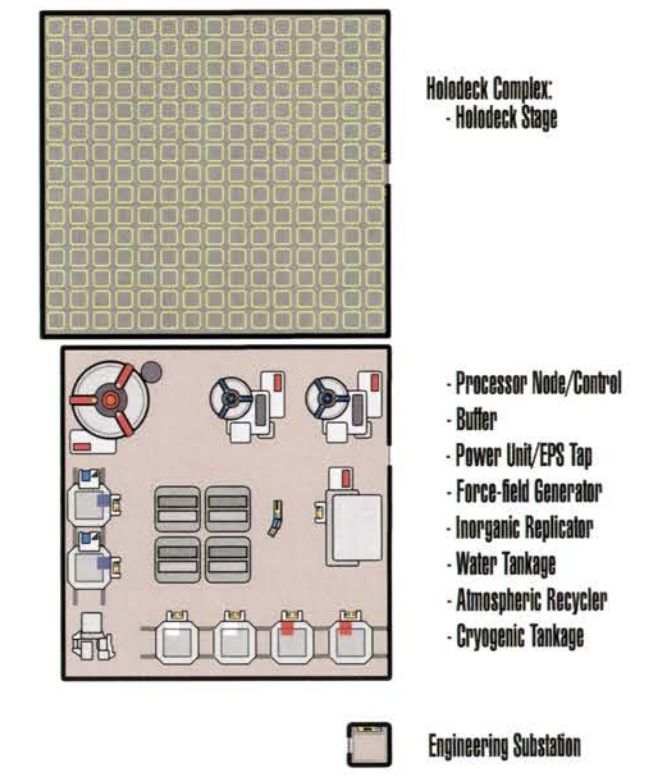
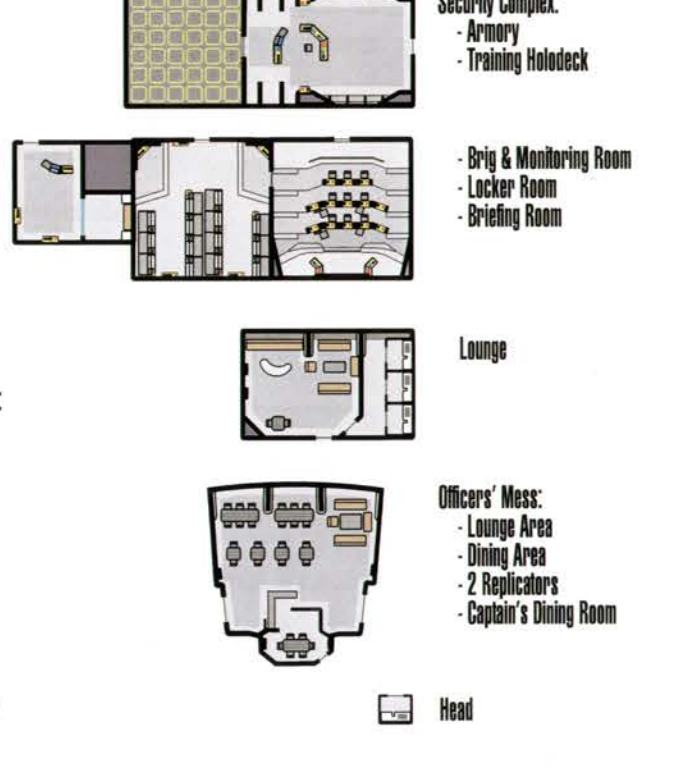
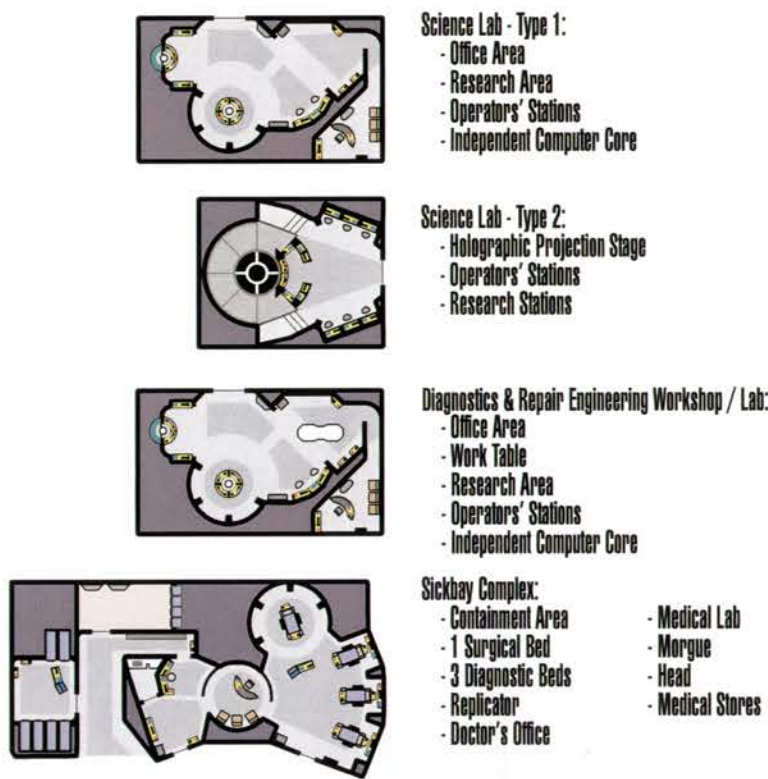
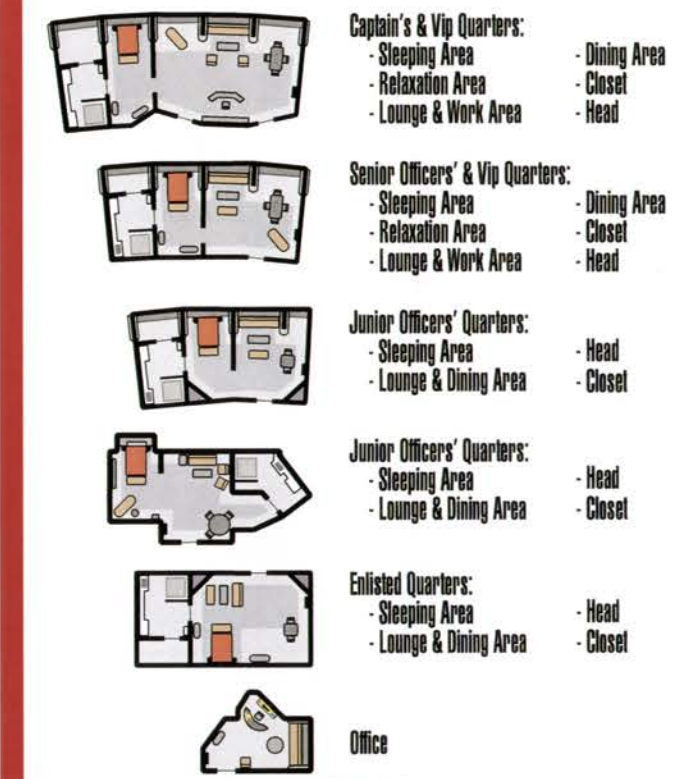
INTREPID

PROTOTYPE NX-74600
EXTERNAL VIEWS SHEET 7/20
SPECIFICATIONS
DESIGN HISTORY

CROSS-SECTION

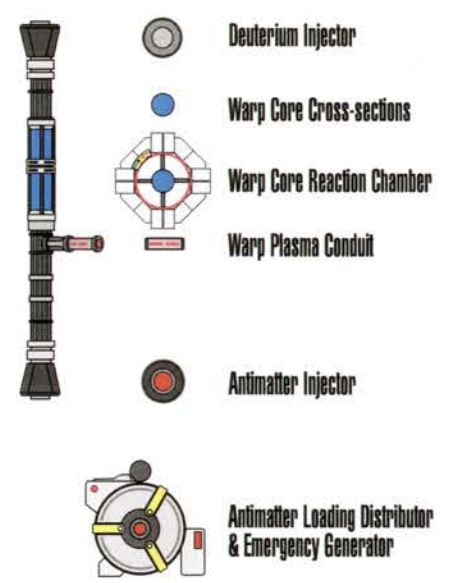
SYMBOL CHART

AUXILIARY ENGINEERING - COMPARTMENTS

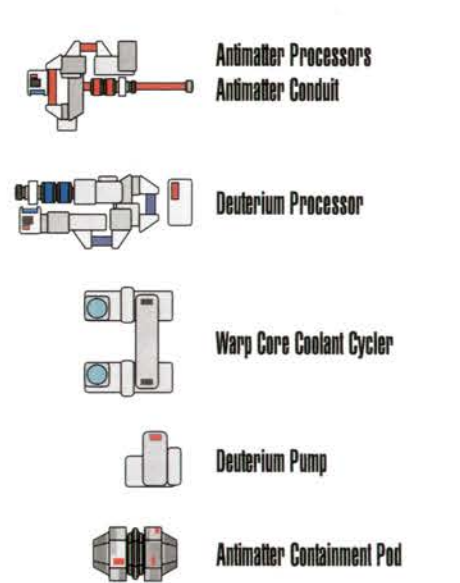


- Processor Node/Control
- Buffer
- Power Unit/EPS Tap
- Force-Field Generator
- Inorganic Replicator
- Water Tankage
- Atmospheric Recycler
- Cryogenic Tankage

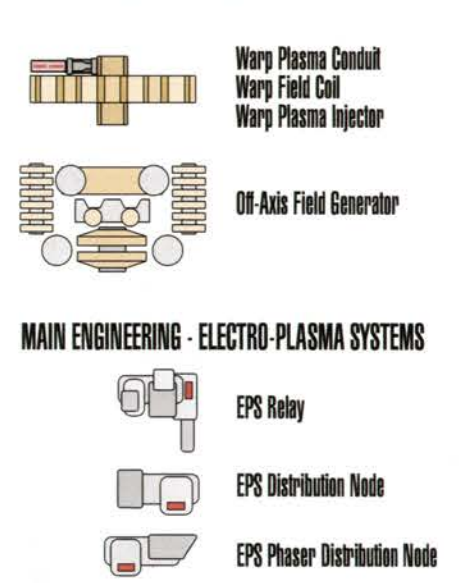
MAIN ENGINEERING - WARP CORE SYSTEMS



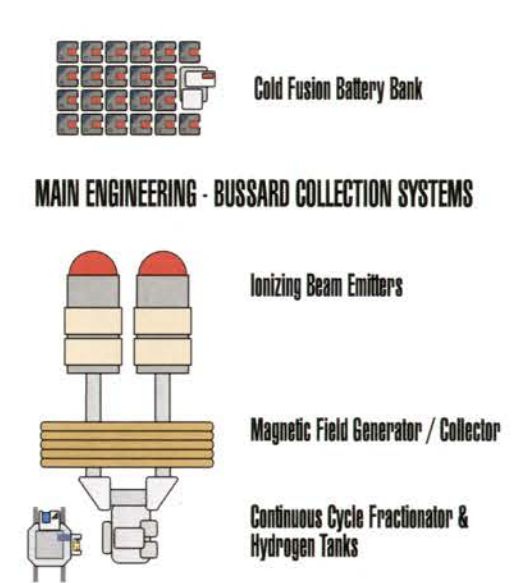
MAIN ENGINEERING - WARP DRIVE SYSTEMS



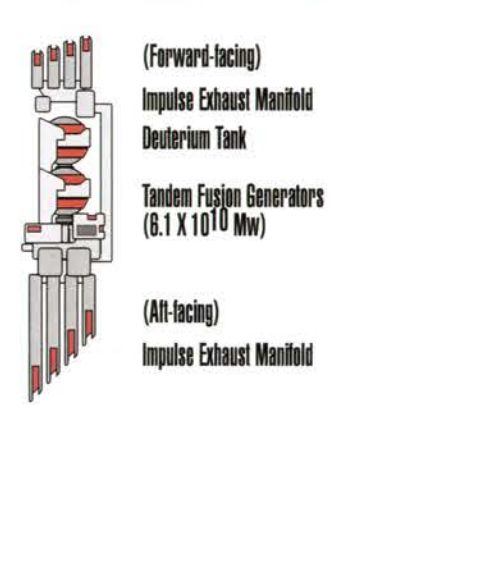
MAIN ENGINEERING - WARP DRIVE SYSTEMS



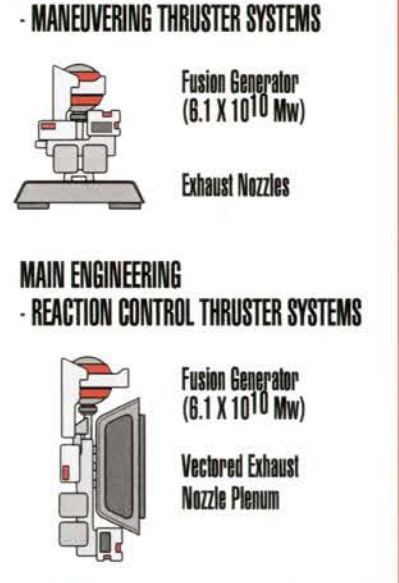
MAIN ENGINEERING - BUSSARD COLLECTION SYSTEMS



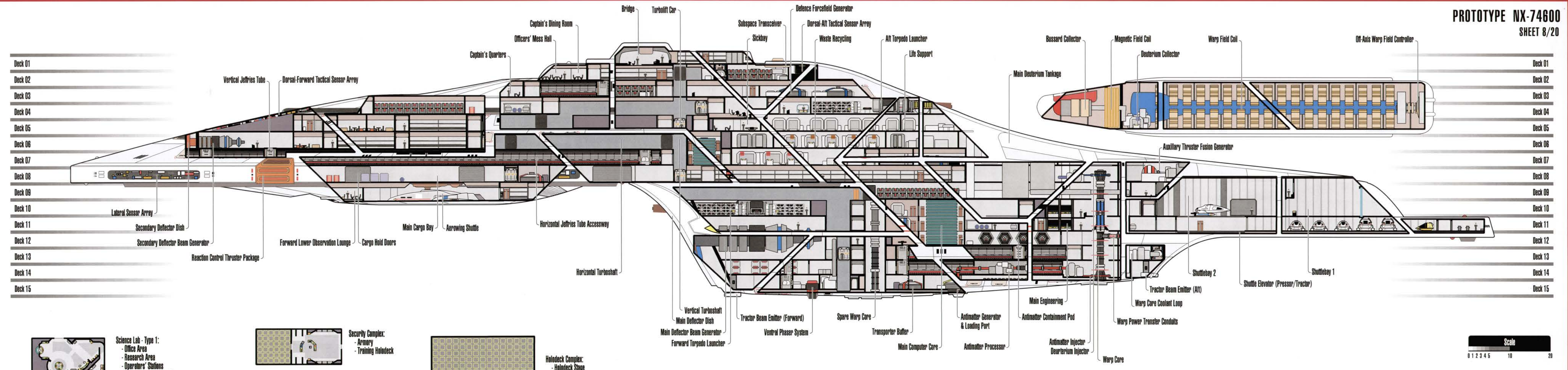
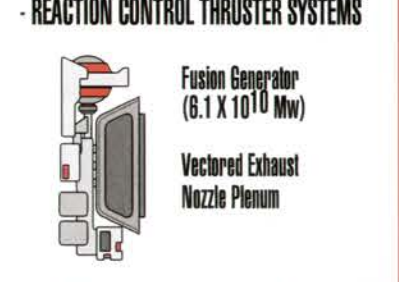
MAIN ENGINEERING - IMPULSE DRIVE SYSTEMS



MAIN ENGINEERING - MANEUVERING THRUSTER SYSTEMS



MAIN ENGINEERING - REACTION CONTROL THRUSTER SYSTEMS

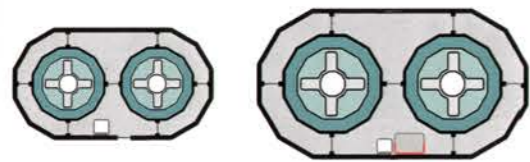


INTREPID

PROTOTYPE NX-74600
INTERNAL VIEWS SHEET 9/20
SYMBOL CHART

SYMBOL CHART

AUXILIARY ENGINEERING - INFORMATION SYSTEMS



Computer Core



Navigation Sensor Pallets



All-Dorsal Tactical Sensor Array - (External Sensor / Scanner Heads)



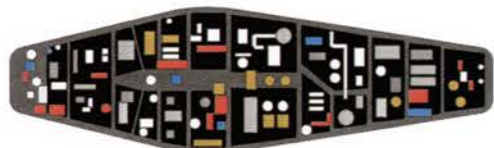
All-Dorsal Tactical Sensor Array - (Subsystems)



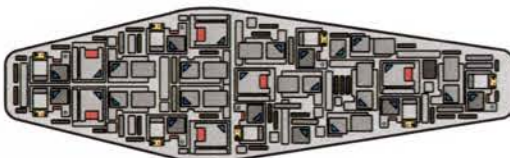
Lateral Sensor Array - (External Sensor / Scanner Heads)



Lateral Sensor Array - (Subsystems)



Forward-Dorsal Tactical Sensor Array - (External Sensor / Scanner Heads)



Forward-Dorsal Tactical Sensor Array - (Subsystems)

AUXILIARY ENGINEERING - CONSOLES & STATIONS



Bridge Consoles



Free-standing Consoles



Wall-mounted Consoles



Desk



Replicator Station

ESCAPE



Escape Pod



Escape Pod Niche & Cover

AUXILIARY ENGINEERING - EXTERNAL FEATURES & MARKINGS



Radiation Hazard



Equipment Access Panel

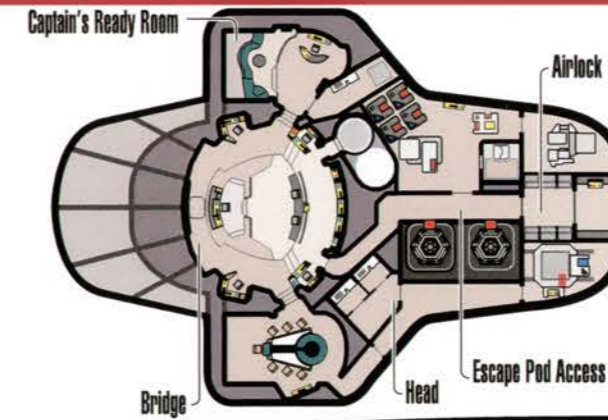


Navigation Beacon

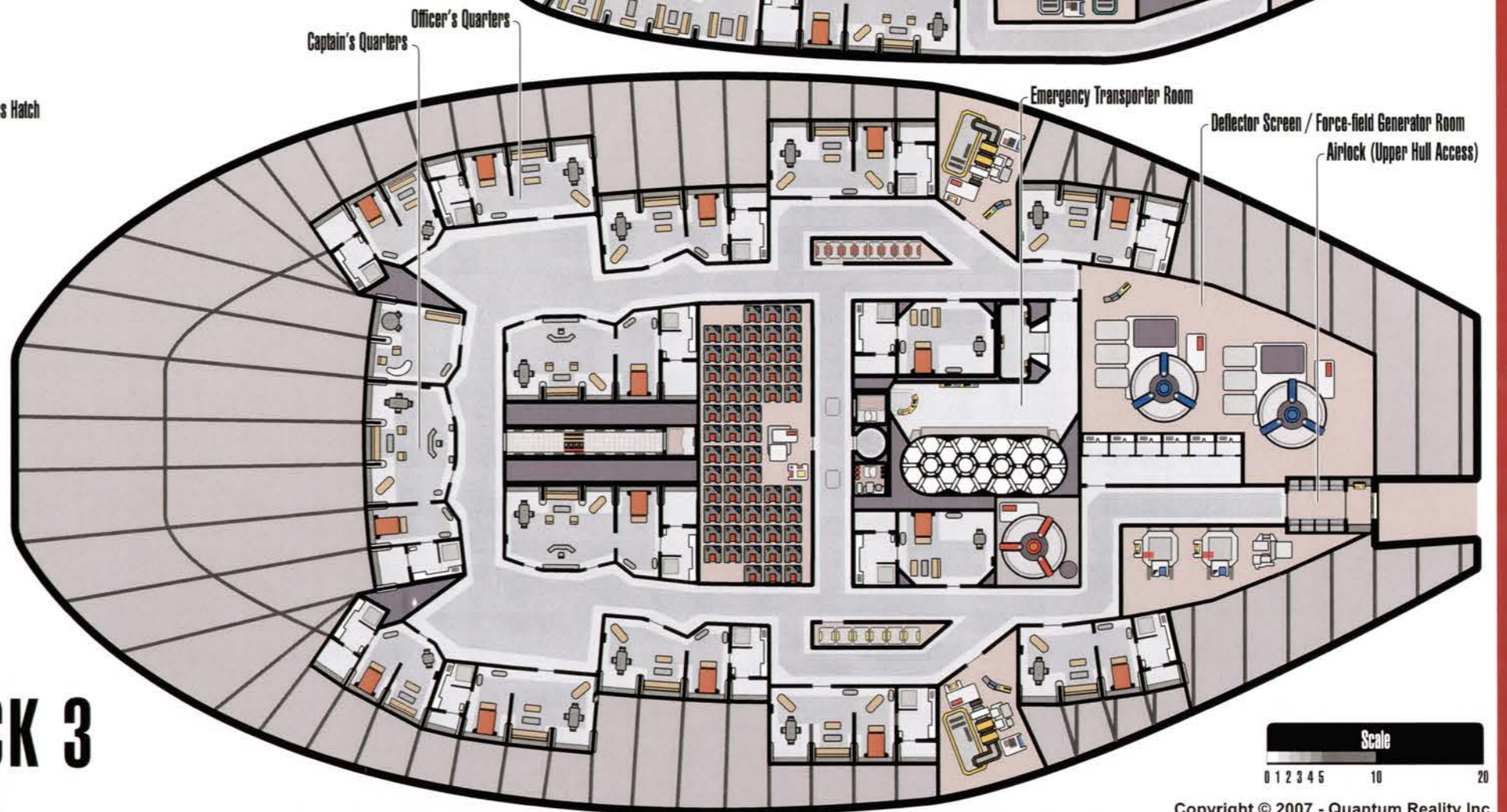
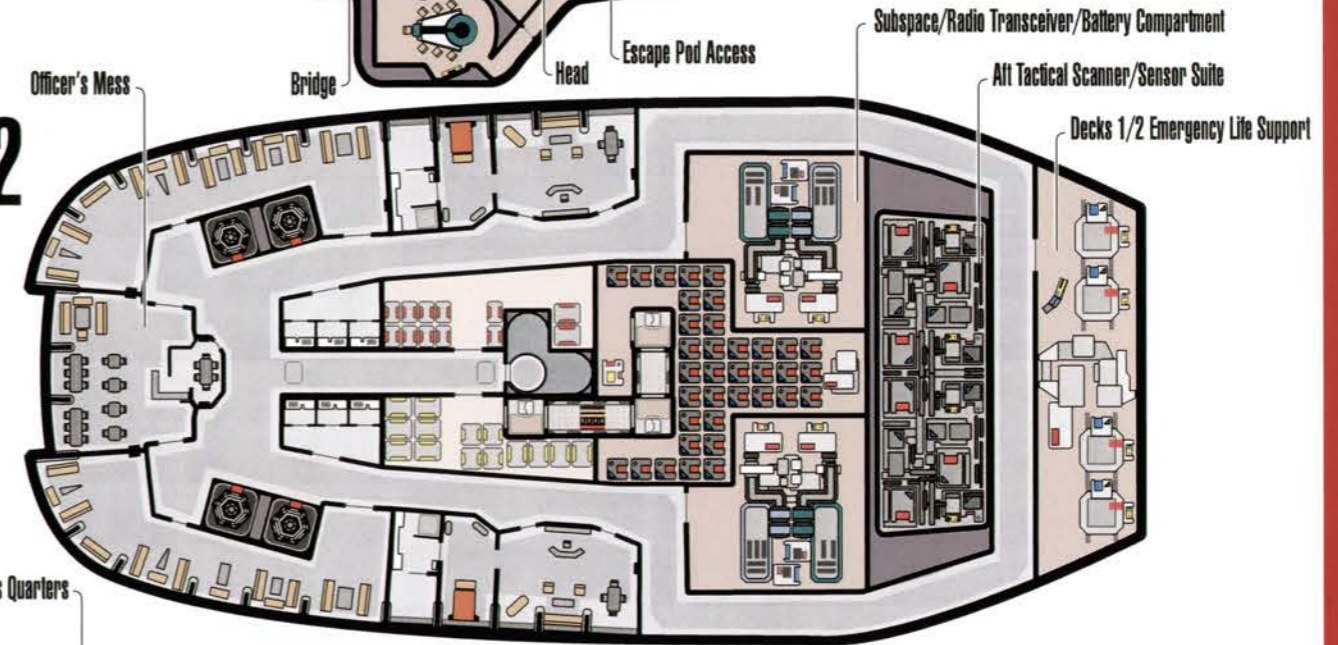


External Personnel Access Hatch

DECK 1



DECK 2



DECK 3



INTREPID

PROTOTYPE NX-74600

INTERNAL VIEWS SHEET 10/20

SYMBOL CHART

SYMBOL CHART

AUXILIARY ENGINEERING - TRANSPORT & COMMUNICATIONS SYSTEMS



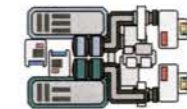
Transporter Sensor/Emitter Antenna



Transporter Transceiver



Subspace Antenna



Subspace / Radio Transceiver



Transporter Pad (6-personnel)



Transporter Pad (Emergency 22-personnel)



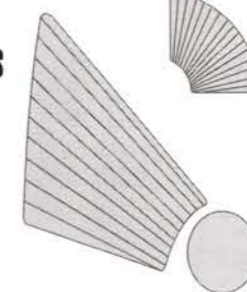
Transporter Pad (Cargo)



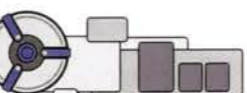
Transporter Buffer



Antimatter Containment Pod Loading/Jettison Hatch



Cargo Loading Hatch



Cargo Conveyor Hatch



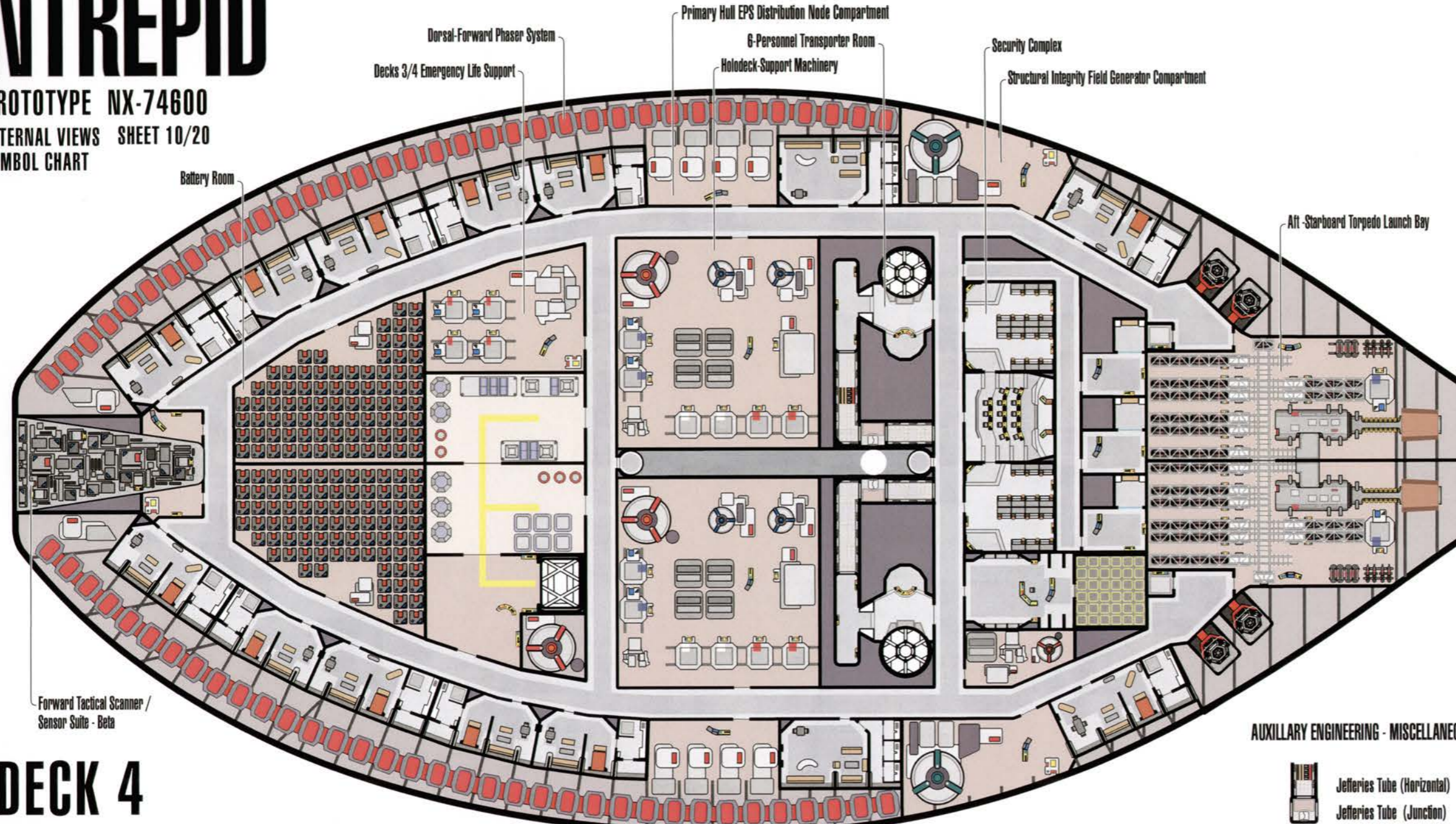
Antigrav Landing Thruster



Landing Pad & Armature (Retracted)

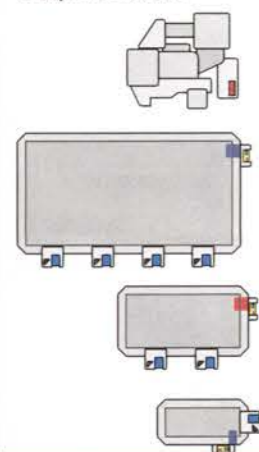


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DECK 4

FLUID/GAS TANKAGE



Cryogenic Cooling System

Cryogenic Tank Sturried Deuterium (500 Cubic Meters)

Cryogenic Tank (200 Cubic Meters)

Cryogenic Tank (50 Cubic Meters)



Cryogenic Tank Oxygen / Nitrogen / Trace Gases (100 Cubic Meters)



Cryogenic Tank (20 Cubic Meters)



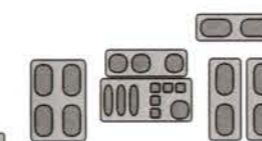
Organic Waste Slurry Tank (20 Cubic Meters)



Water Tank (20 Cubic Meters)



Inorganic Waste Transport Stage & Holding Tank (20 Cubic Meters)



Umbilical Connections and Main Internal Shunts
 - Deuterium Intake/Outflow (Main Tanks)
 - Shuttlebay Consumables Intake/Outflow
 - Cryogenic Liquids Intake/Outflow
 - Atmospheric External Support Bypass
 - Warp Core Coolant Intake/Outflow
 - EPS External Supply Conduit
 - Replicator Raw Stock Intake/Outflow
 - ODN External Connection

Damage-Control Containers

Emergency Supply Containers

Misc. Shipwide ODN Distribution Areas

AUXILIARY ENGINEERING - MISCELLANEOUS SYSTEMS



Jefferies Tube (Horizontal)



Jefferies Tube (Junction)



Jefferies Tube (Vertical)



Vertical Turboshaft
 Horizontal Turboshaft / Sidestep
 Turbolift Station



Catwalk
 Personnel Lift & Ladder Access

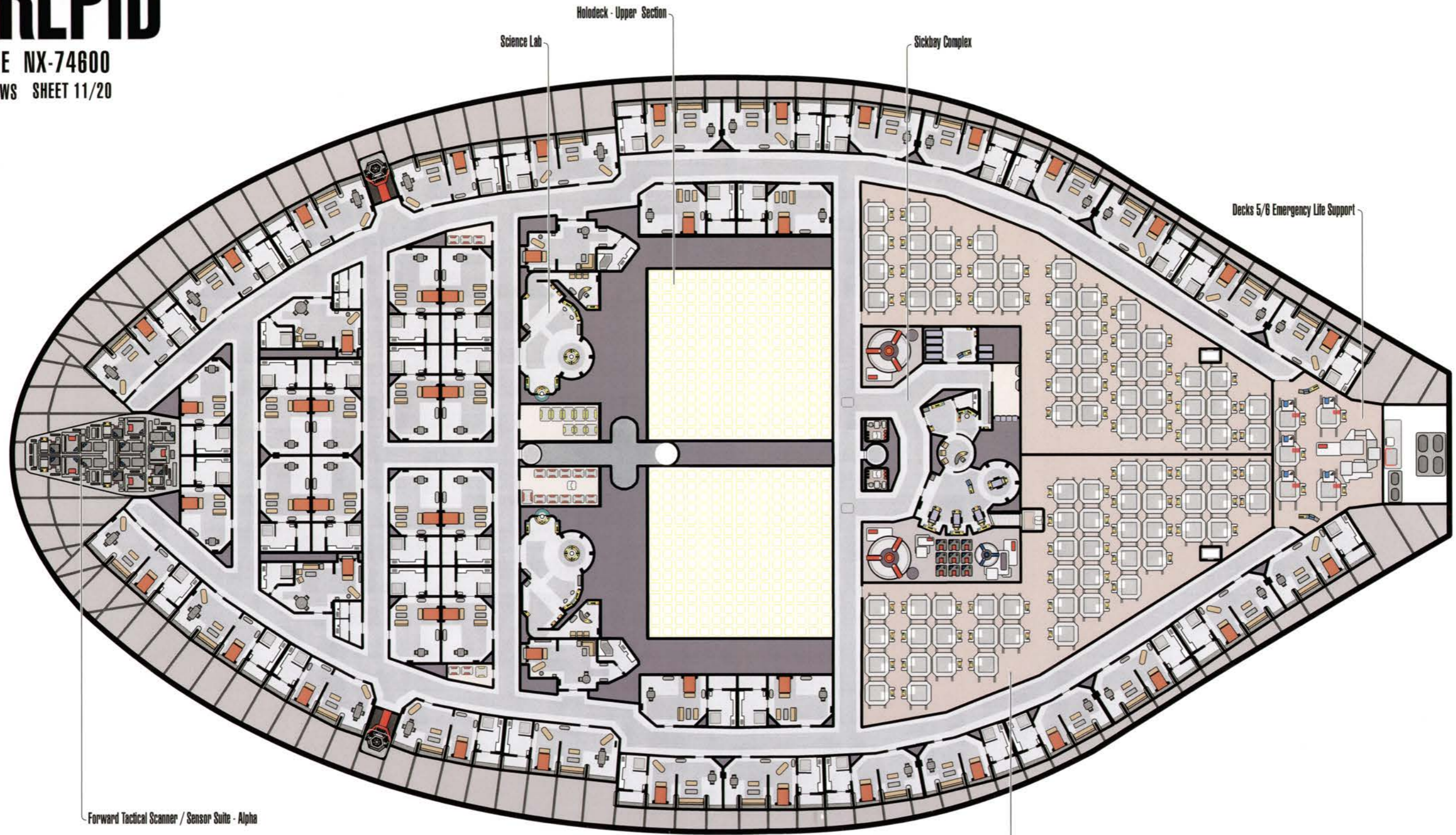


Warp Pylon Swivel Motor /
 Warp Conduit Joint Rotation Sleeve

INTREPID

PROTOTYPE NX-74600

INTERNAL VIEWS SHEET 11/20

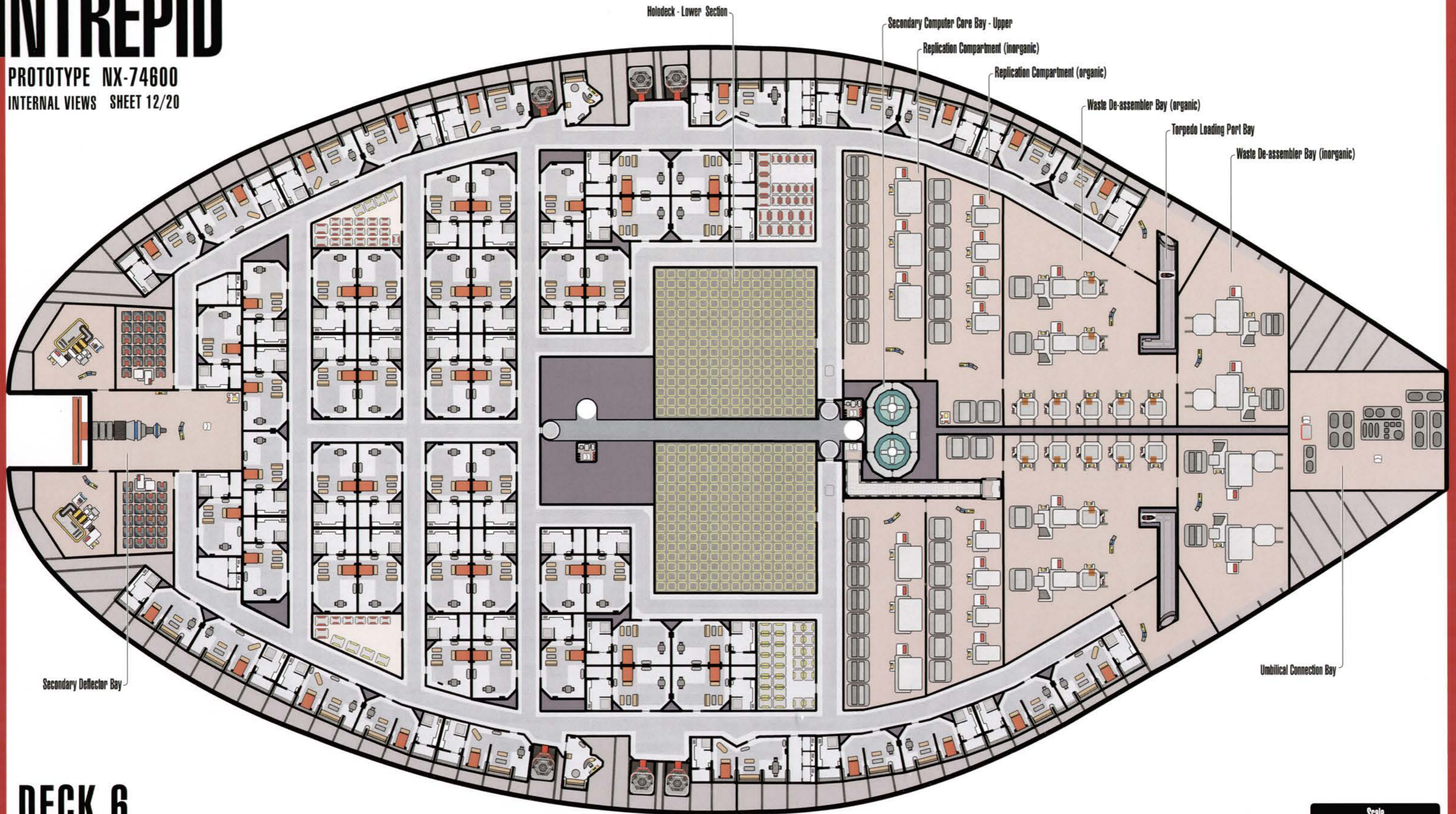


DECK 5



INTREPID

PROTOTYPE NX-74600
INTERNAL VIEWS SHEET 12/20



DECK 6



INTREPID

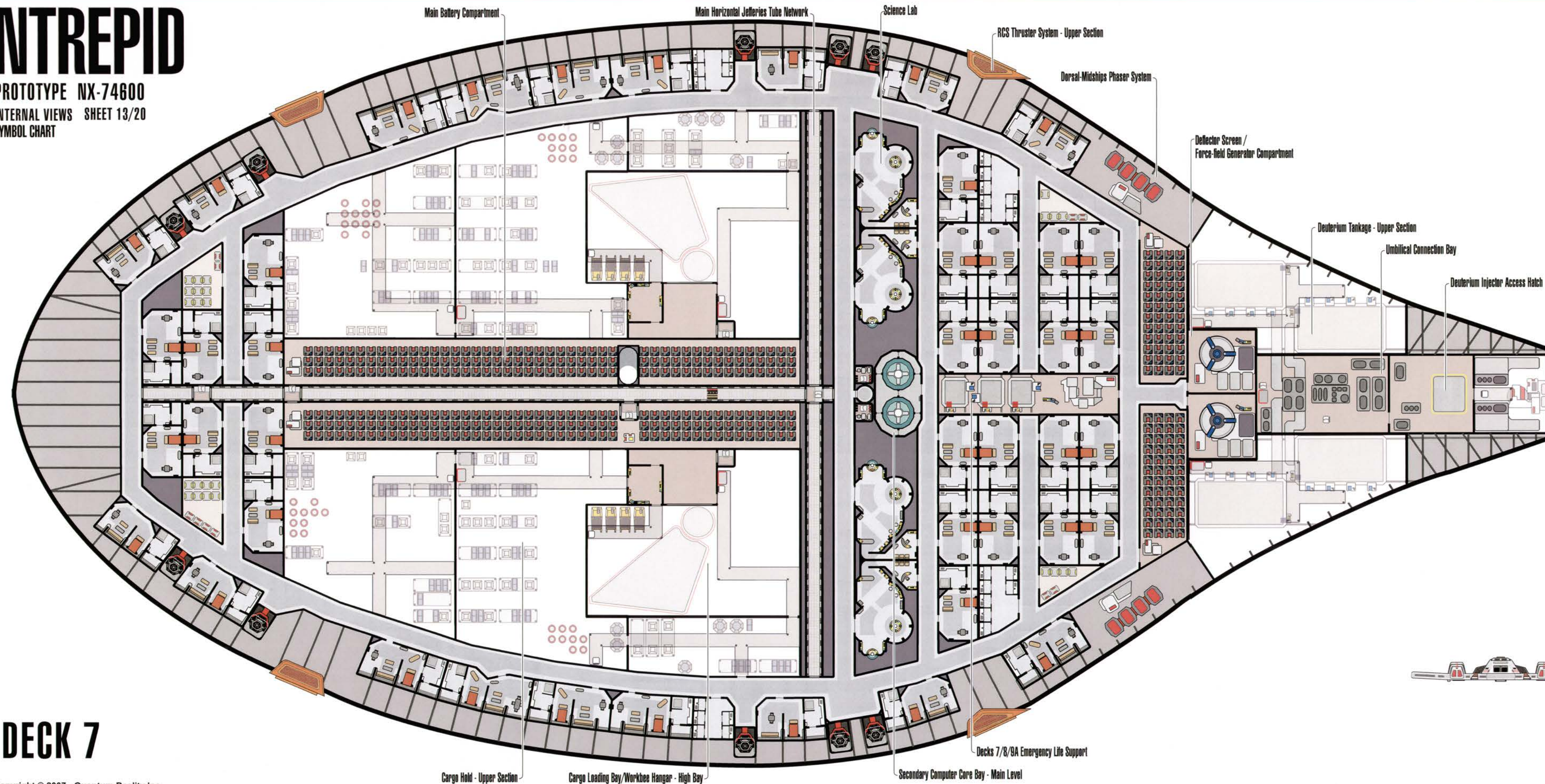
PROTOTYPE NX-74600

INTERNAL VIEWS SHEET 13/20

SYMBOL CHART

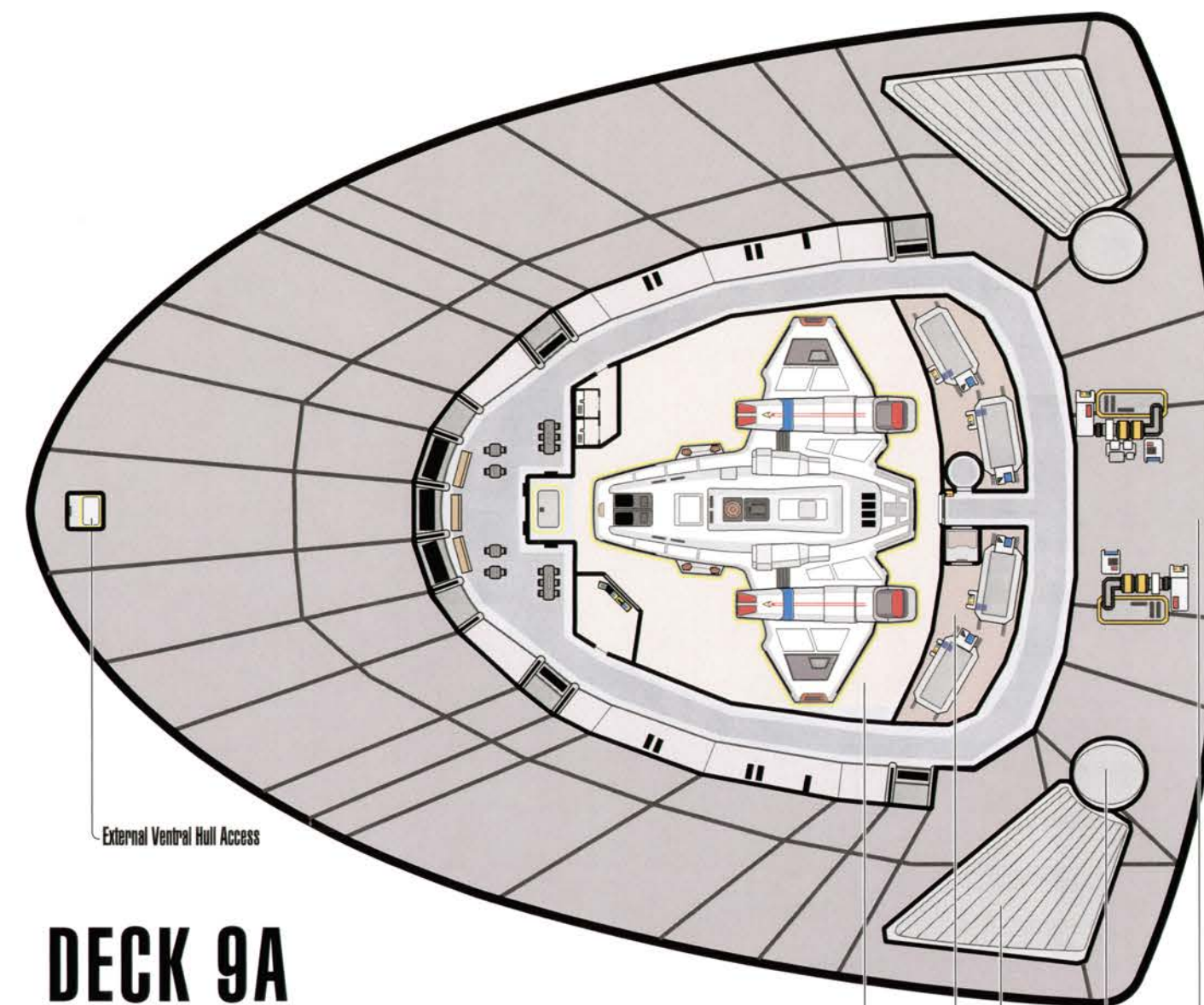
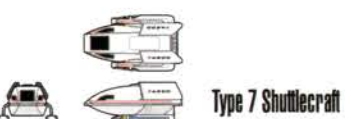
PROTOTYPE NX-74600

SHEET 14/20



SYMBOL CHART

EMBARKED CRAFT



DECK 9A

DECK 7

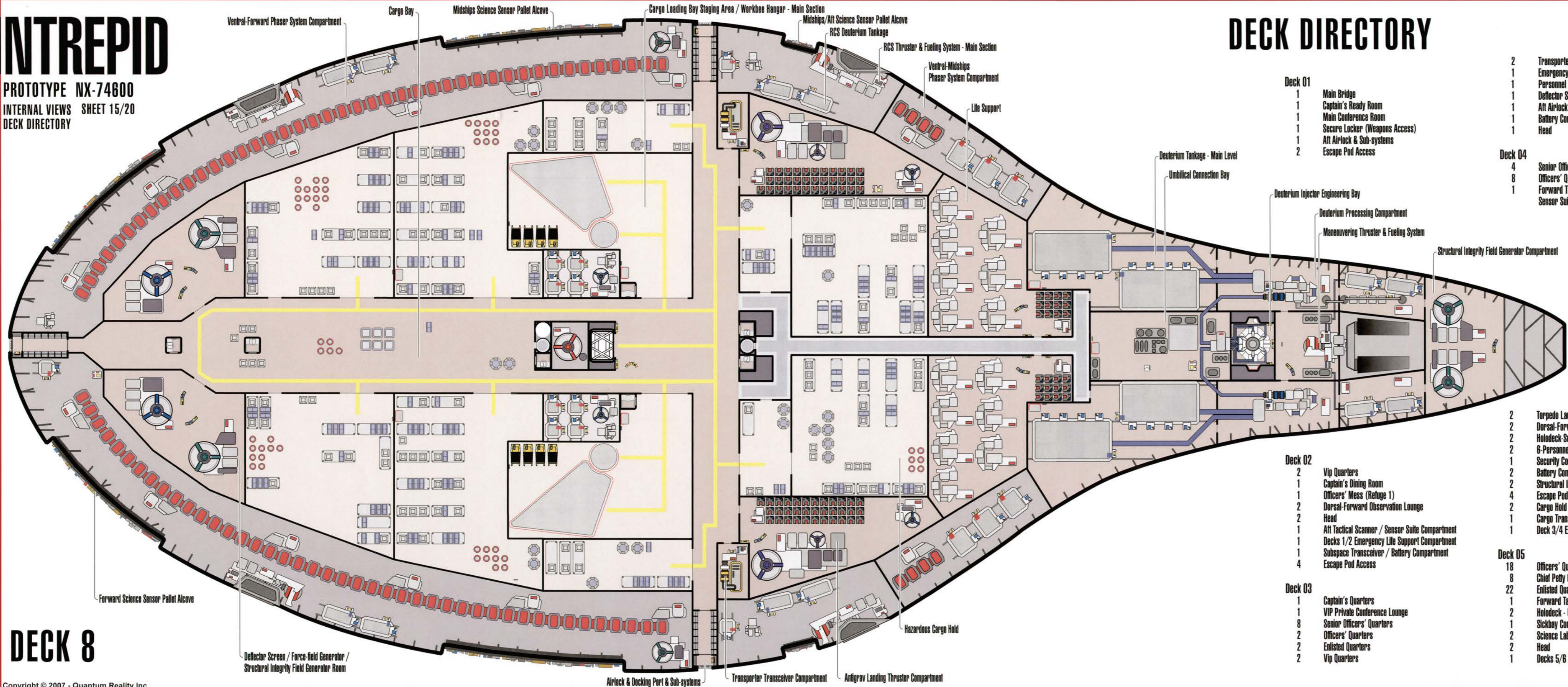


INTREPID

PROTOTYPE NX-74600
INTERNAL VIEWS SHEET 15/20
DECK DIRECTORY

DECK 8

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DECK DIRECTORY

Deck 01

- 1 Main Bridge
- 1 Captain's Ready Room
- 1 Main Conference Room
- 1 Secure Locker (Weapons Access)
- 1 Aft Airlock & Sub-systems
- 2 Escape Pod Access

Deck 02

- 2 Vip Quarters
- 1 Captain's Dining Room
- 1 Officers' Mess (Refuge 1)
- 2 Dorsal-Forward Observation Lounge
- 2 Head
- 1 Aft Tactical Scanner / Sensor Suite Compartment
- 1 Decks 1/2 Emergency Life Support Compartment
- 1 Subspace Transceiver / Battery Compartment
- 4 Escape Pod Access

Deck 03

- 1 Captain's Quarters
- 1 VIP Private Conference Lounge
- 8 Senior Officers' Quarters
- 2 Officers' Quarters
- 2 Enlisted Quarters
- 2 Vip Quarters

Deck 04

- 4 Senior Officers' Quarters
- 8 Officers' Quarters
- 1 Forward Tactical Scanner / Sensor Suite - Beta Compartment

Deck 05

- 18 Officers' Quarters
- 8 Chief Petty Officers' Quarters
- 22 Enlisted Quarters
- 1 Forward Tactical Scanner/Sensor Suite - Alpha
- 2 Holodeck - Upper Section
- 1 Sickbay Complex
- 2 Science Lab
- 2 Head
- 1 Decks 5/6 Emergency Life Support Compartment

Deck 06

- 2 Torpedo Launch Bay - Main Level
- 2 Dorsal-Forward Phaser System Compartment
- 2 Holodeck-Support Machinery Compartment (Buffers)
- 2 8-Personnel Transporter Room
- 1 Security Complex
- 2 Battery Compartment
- 2 Structural Integrity Field Generator Compartment
- 4 Escape Pod Access
- 2 Cargo Hold
- 1 Cargo Transporter Buffer
- 1 Deck 3/4 Emergency Life Support Compartment

Deck 07

- 3 Airlock & Docking Port & Sub-systems Compartment
- 2 Life Support Compartment
- 2 Ventral-Forward Phaser System Bay
- 2 Ventral-Midships Phaser System Bay
- 2 Deflector Screen / Force-field Generator / Structural Integrity Field Generator Compartment
- 2 Transporter Transceiver Compartment
- 4 RCS Thruster & Fueling System - Main Section
- 1 Cargo Bay & Cargo Transporter Alcove
- 2 Cargo Loading Bay - Main Level
- 6 Cargo Hold - Main Level
- 2 Antigrav Landing Thruster Compartment
- 2 Deuterium Tankage - Main Level
- 2 Deuterium Processing Compartment

Deck 08

- 2 Transporter Transceiver Compartment
- 1 Emergency Transporter Room
- 1 Personnel Transporter Buffer
- 1 Deflector Screen / Force-field Generator Compartment
- 1 Aft Airlock & Sub-systems
- 1 Battery Compartment
- 1 Head

Deck 09-A

- 1 Senior Officers' Quarters
- 6 Enlisted Quarters
- 54 Executive Officer's Office
- 1 Chief Petty Officer's (Bosun's) Office
- 2 Holodeck - Sub Level (Buffers)
- 2 Secondary Computer Core Bay - Upper
- 2 Torpedo Loading Port Bay
- 2 Replication Compartment (inorganic)
- 2 Replication Compartment (organic)
- 2 Waste De-assembler Compartment (inorganic)
- 2 Waste De-assembler Compartment (organic)
- 1 Secondary Deflector Bay
- 1 Umbilical Connection Bay
- 6 Escape Pod Access
- 2 Battery Compartment
- 2 Head

Deck 09-B

- 2 Torpedo Launch Bay - Upper Section
- 2 Torpedo Loading Port Bay
- 1 Turbolift Maintenance Workshop
- 6 Science Lab
- 1 Battery Compartment
- 1 Coolant Bypass Engineering Compartment
- 1 Shuttlebay 1 - Upper Section
- 1 Shuttlebay 2 - Upper Section
- 1 Shuttlebay Flight Control Room
- 1 Shuttlebay Systems Control Room
- 1 Shuttlebay Operations Control Room

Deck 10

- 2 Torpedo Launch Bay - Main Level
- 2 Enlisted Mess & Lounge (Refuge 2)
- 2 Astrometrics Lab
- 1 Stellar Cartography Lab
- 2 Petty Officer Mess & Lounge (Refuge 3)
- 1 Cargo Bay - Upper Section
- 2 Deflector Screen / Force-field Generator / Structural Integrity Field Generator Room
- 1 Spare Warp Core Storage - Upper Section
- 2 Primary Computer Bay - Upper Section
- 1 Main Engineering Bay - Upper Level
- 1 Shuttle Bay 1 - Main Level
- 1 Shuttle Bay 2 - Main Level
- 1 Shuttle Fabrication Bay
- 2 Shuttle Maintenance Storage Bay
- 1 Shuttle Bay Pressurization Room
- 1 Shuttle Bay Force-field Generator & Airlock Subsystems Room
- 1 Aft Airlock
- 2 Head
- 1 Deck 9B/10 Emergency Life Support Compartment

PROTOTYPE NX-74600
SHEET 16/20

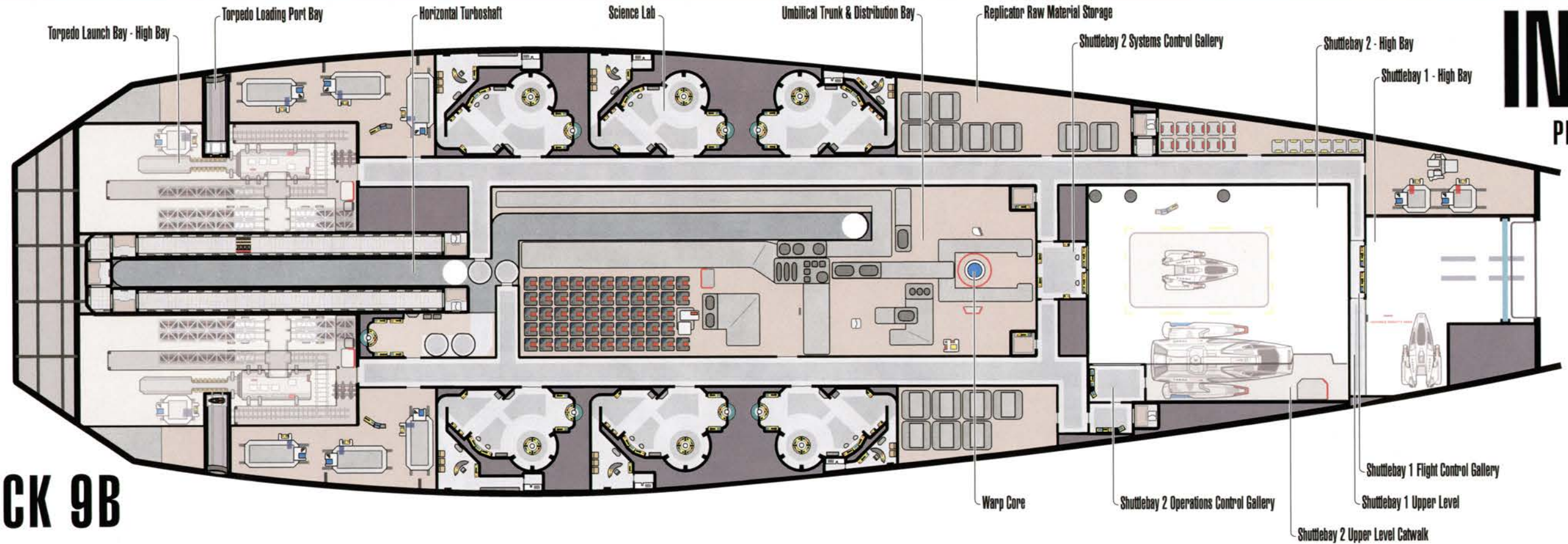


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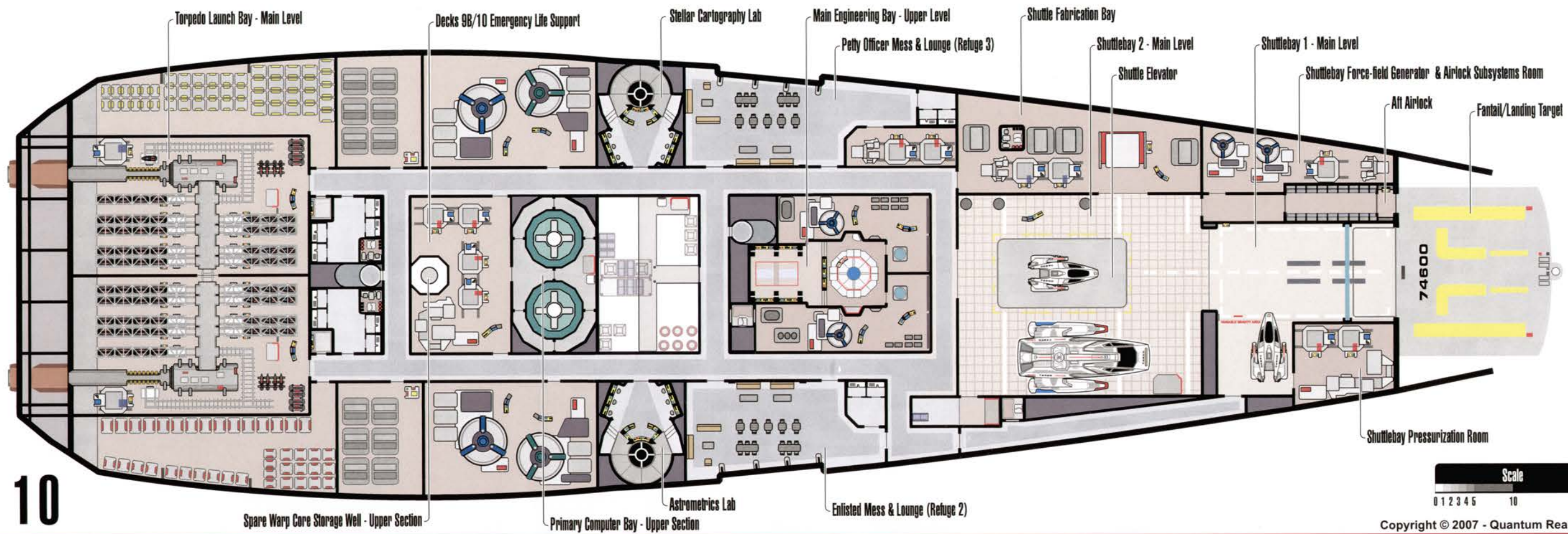
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PROTOTYPE NX-74600
17/20 INTERNAL VIEWS

DECK 9B



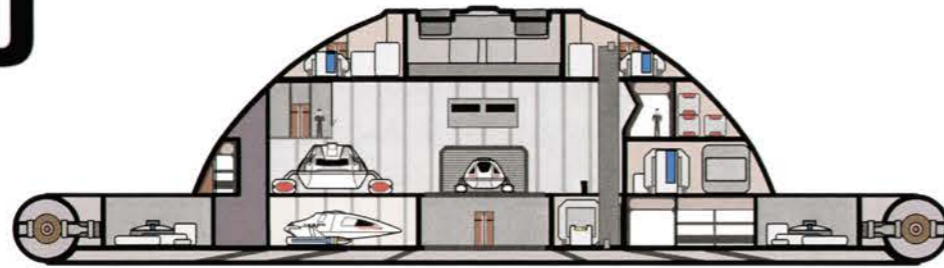
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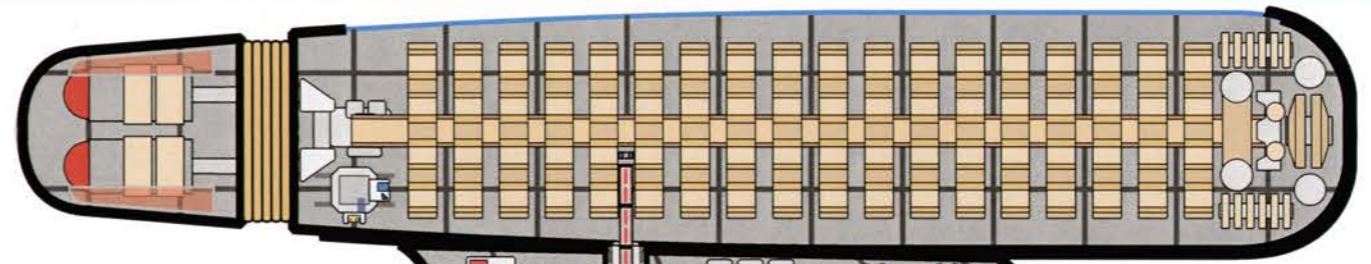
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PROTOTYPE NX-74600
INTERNAL VIEWS SHEET 18/20

Cross-Section Through Shuttlebay 2



Forward Aspect



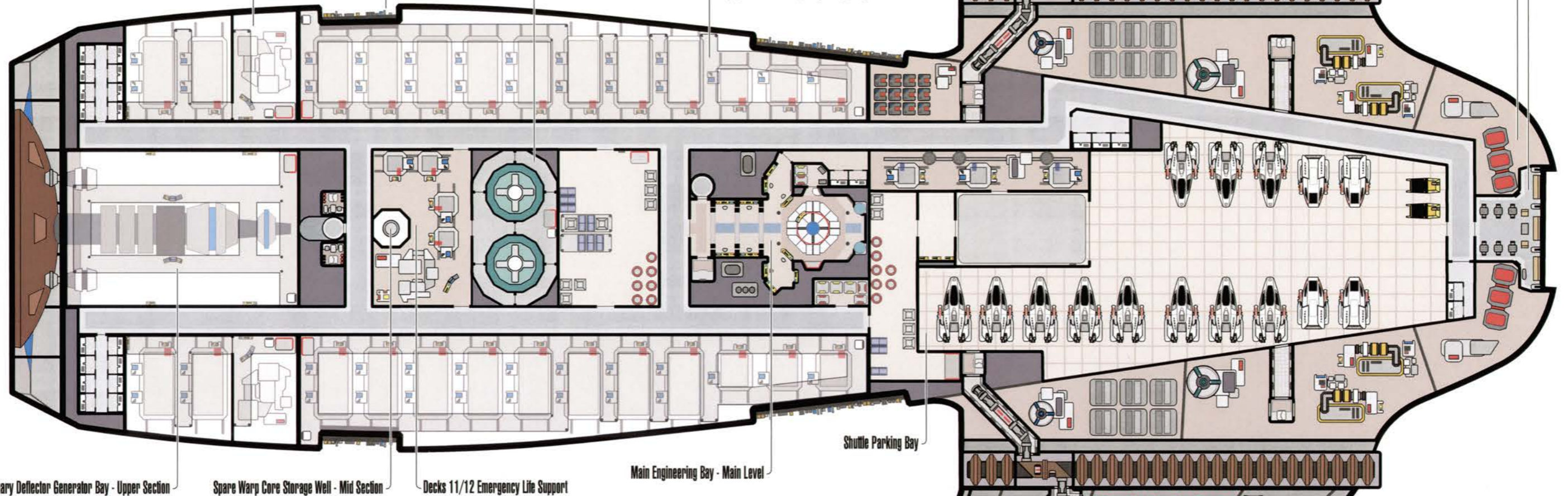
Aft Observation Lounge
Ventral Fantail Phaser System

Cryogenic Cooling Systems Room - High Bay

Aft Science Sensor Pallet Alcove

Primary Computer Bay - Mid Section

Cryogenic Fluid Storage Bays - High Bay



Primary Deflector Generator Bay - Upper Section

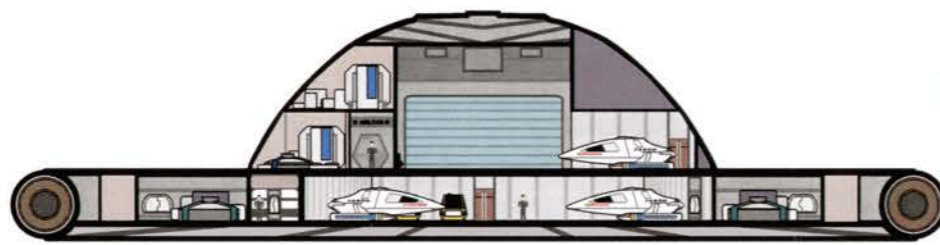
Spare Warp Core Storage Well - Mid Section

Decks 11/12 Emergency Life Support

Main Engineering Bay - Main Level

Shuttle Parking Bay

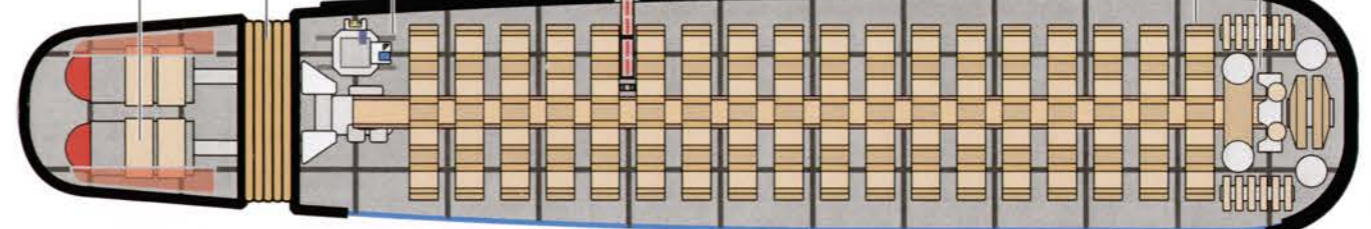
Cross-Section Through Shuttlebay 1



Aft Aspect

Continuous Cycle Fractionator & Deuterium Chiller Bay
Bussard Magnetic Field Generator/Collector Bay
Bussard Ionizing Beam Emitter Bay

Warp Coil & Plasma Injector Bay
Off-axis Field Coil Bay



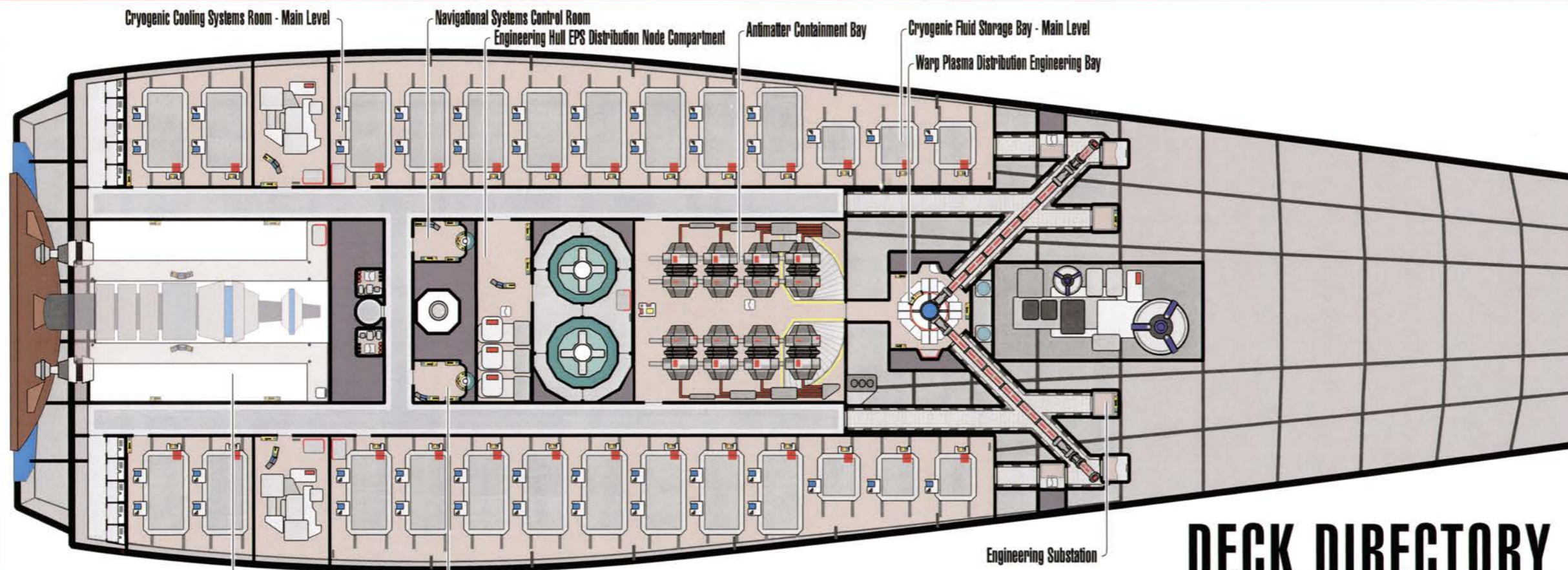
DECK 11



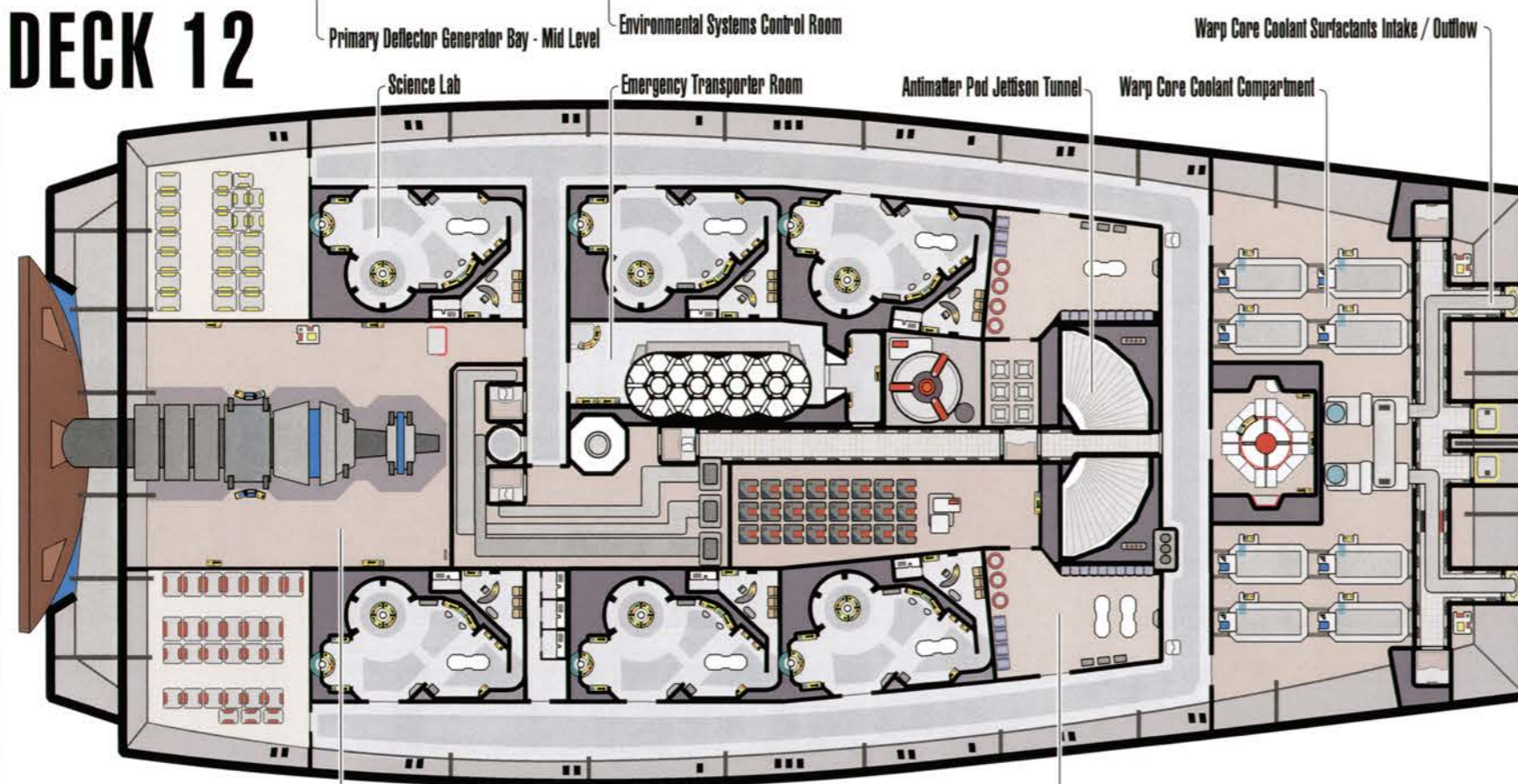
INTREPID

PROTOTYPE NX-74600

19/20 INTERNAL VIEWS
DECK DIRECTORY



DECK 12



DECK 13

DECK DIRECTORY

- Deck 12**
- 1 Primary Deflector Generator Bay - Mid Level
 - 2 Cryogenic Cooling Systems Room - Main Level
 - 4 Cryogenic Fluid Storage Bays - Main Level
 - 1 Spare Warp Core Storage - Mid Section
 - 1 Primary Computer Bay - Main Level
 - 1 Antimatter Containment Bay
 - 1 Warp Plasma Distribution Engineering Bay
 - 1 Navigational Systems Control Room
 - 1 Environmental Systems Control Room
 - 1 Antigrav Landing Thruster Compartment

- Deck 13**
- 1 Main Deflector Generator Bay - Main Level
 - 1 Emergency Transporter Room
 - 1 Spare Warp Core Storage - Mid Section
 - 6 Diagnostics & Repair Engineering Workshop / Lab
 - 1 Warp Core Coolant Loop Engineering Bay
 - 2 Science Labs Special Supplies/Storage
 - 1 Battery Compartment
 - 1 Personnel Transporter Buffer
 - 1 Head

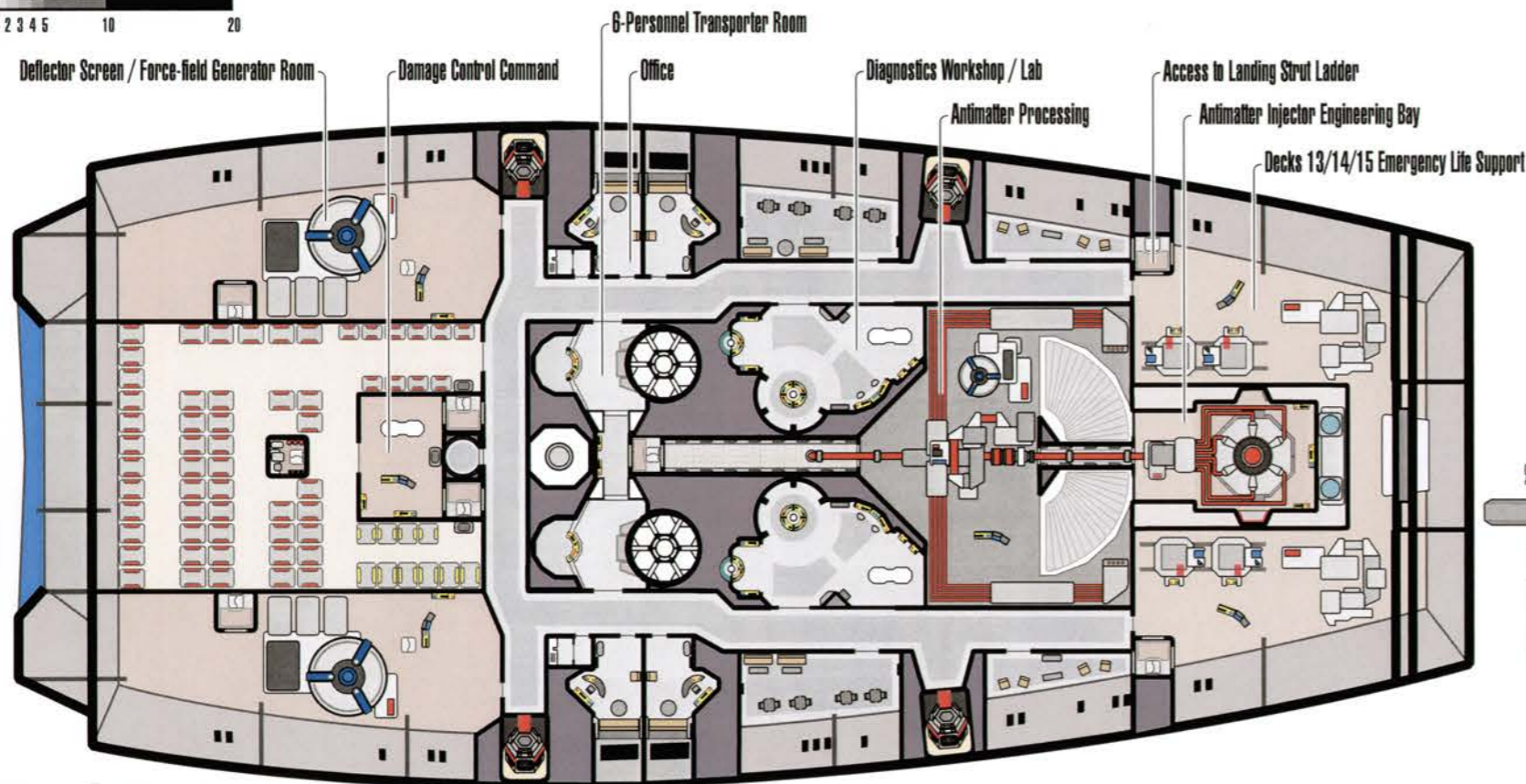
- Deck 14**
- 2 Deflector Screen / Force-field Generator Room
 - 1 Spare Warp Core Storage - Mid Section
 - 2 6-Personnel Transporter Room
 - 2 Diagnostics & Repair Engineering Workshop / Lab
 - 1 Antimatter Processing
 - 1 Antimatter Injector Engineering Bay
 - 4 Access to Landing Strut Ladder
 - 4 Escape Pod Access
 - 1 Damage Control Command

- Deck 15**
- 2 Plasma Relay Control
 - 1 Ventral-Midships Phaser System
 - 2 Personnel Transporter Buffer Room
 - 2 Tractor Beam Emitter
 - 1 Spare Warp Core Storage - Lower Section & Hatch
 - 1 Antimatter Loading Port & Antimatter Generator Bay
 - 1 Warp Core Jettison Hatch
 - 4 Landing Struts / Pad Bay
 - 1 Battery Room
 - 10 Escape Pod Access

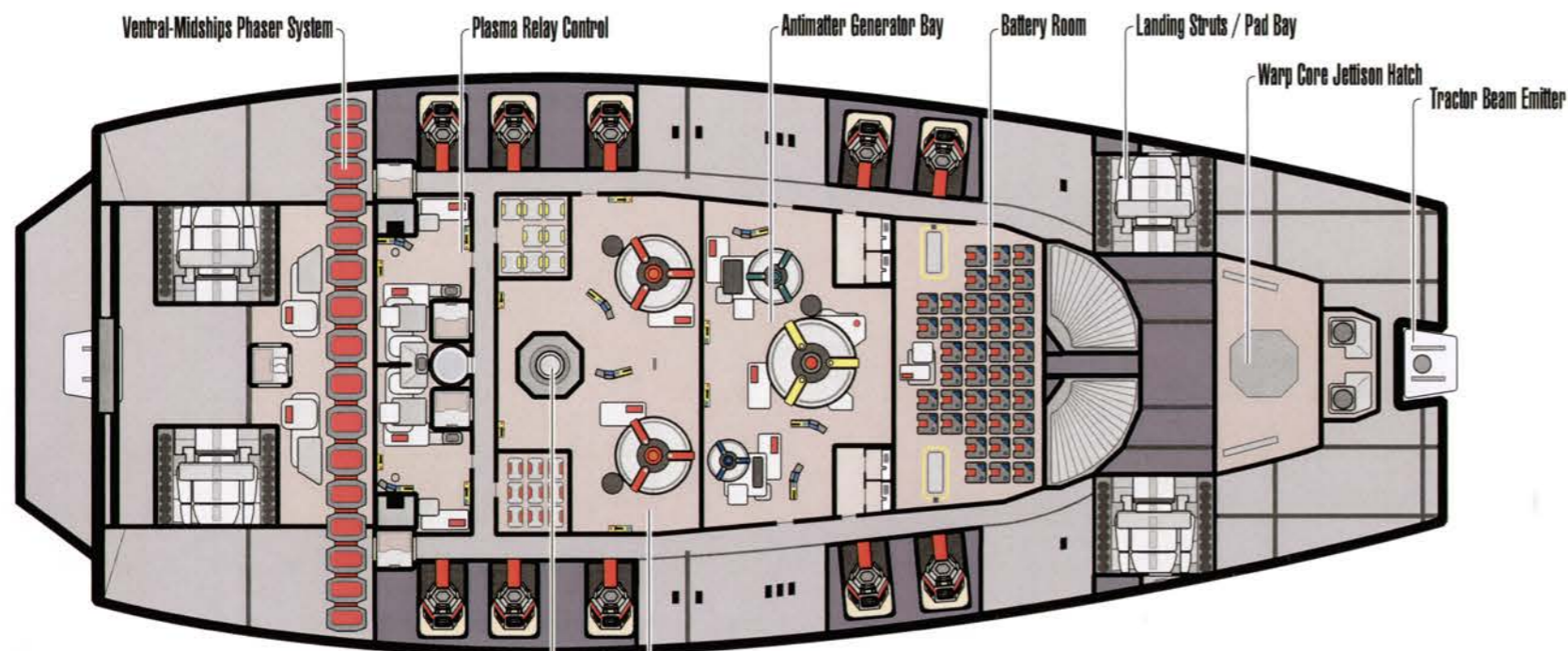
- Deck 11**
- 1 Primary Deflector Generator Bay - Upper Section
 - 2 Cryogenic Cooling Systems Room - Upper Section
 - 4 Cryogenic Fluid Storage Bays - Upper Section
 - 1 Spare Warp Core Storage - Mid Section & Battery Room
 - 2 Primary Computer Bay - Mid Section
 - 1 Cargo Bay - Main Level
 - 1 Main Engineering Bay - Main Level
 - 1 Shuttle Elevator Bay
 - 1 Shuttle Parking Control Bay
 - 1 Shuttle Refueling & Maintenance Storage Bay
 - 1 Shuttle Maintenance Storage Bay
 - 1 Shuttle Parking Bay
 - 2 Ventral-Fantail Phaser System
 - 1 Aft Observation Lounge (Shuttle Pilot Ready Room)
 - 3 Head
 - 1 Deck 11/12 Emergency Life Support Compartment
 - 1 Battery Compartment

- Nacelles & Pylons**
- 1 Bussard Ionizing Beam Emitter Bay
 - 1 Bussard Magnetic Field Generator/Collector Bay
 - 1 Continuous Cycle Fractionator & Deuterium Chiller Bay
 - 1 Warp Coil & Plasma Injector Bay
 - 1 Off-Axis Field Coil Bay
 - 1 Nacelle Pylon Swivel Motor Bay
 - 1 Nacelle Deflector Screen / Force-field Generator Bay
 - 1 Ventral-Pylon Phaser System
 - 1 Pylon Structural Integrity Field Generator Room
 - 1 Fusion Generator & Impulse Bay





DECK 14

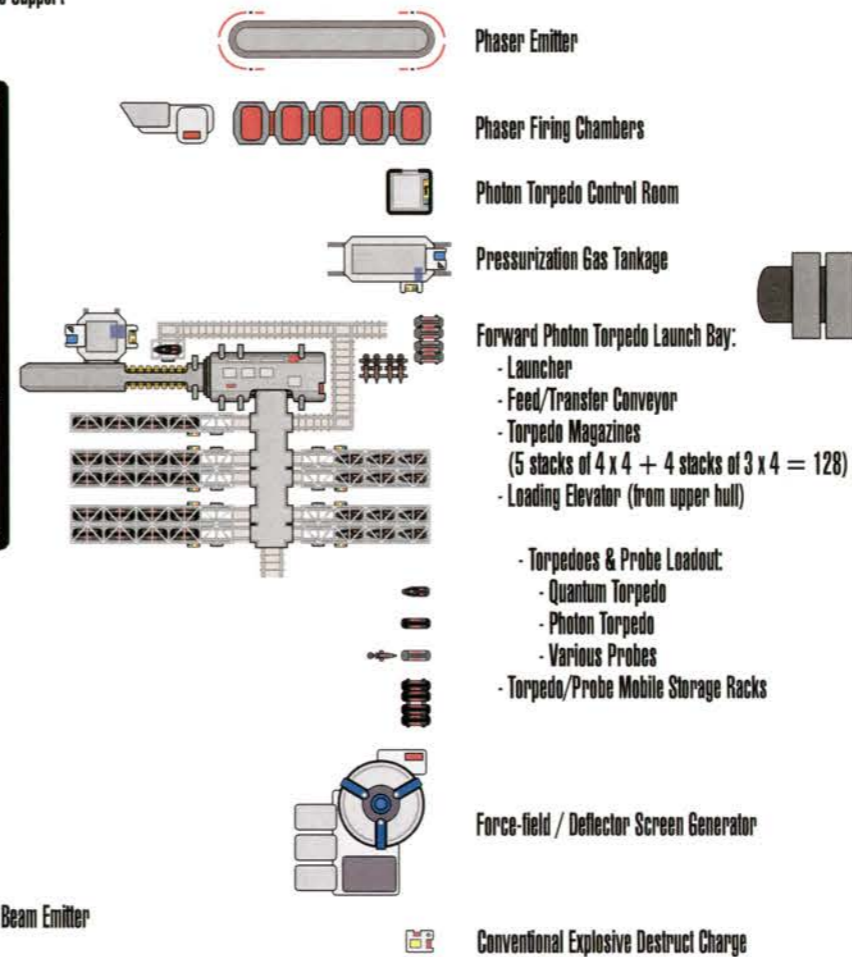


DECK 15

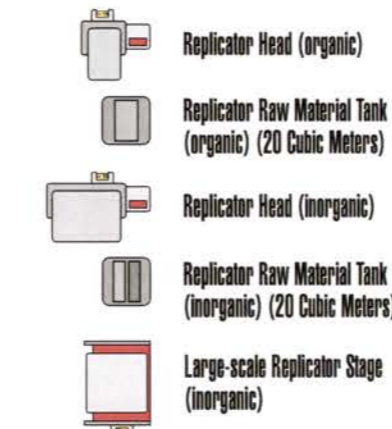
Transporter Buffer Compartment
Spare Warp Core Storage - Lower Section & Hatch

SYMBOL CHART

AUXILLARY ENGINEERING - DEFENSE SYSTEMS



ENVIRONMENTAL ENGINEERING - REPLICATION

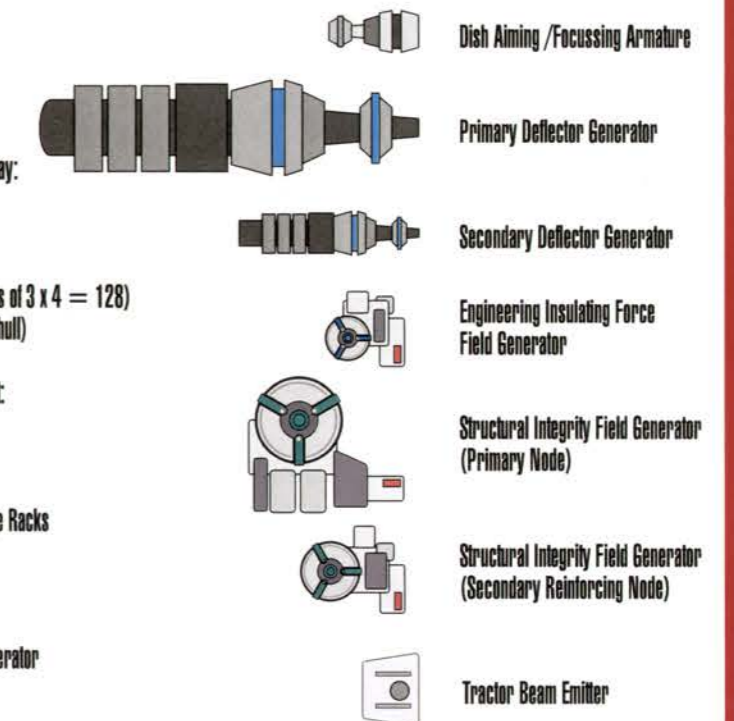


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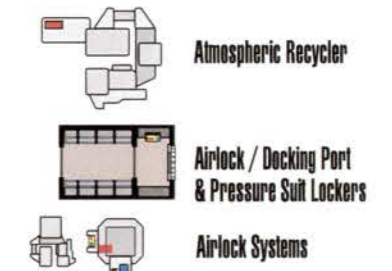
PROTOTYPE NX-74600

20/20 INTERNAL VIEWS
SYMBOL CHART

AUXILLARY ENGINEERING - GRAVITONIC SYSTEMS



ENVIRONMENTAL ENGINEERING - LIFE SUPPORT SYSTEMS



ENVIRONMENTAL ENGINEERING - WASTE RECYCLING

