

# Project Chameleon

## **\*\* PROJECT CHAMELEON \*\***

This is a history of Starfleet's most capable counterintelligence vessel, known as the CHAMELEON class. This name is made up from the acronym (Comprehensive High-speed Attack Mode ELEctronic Offensive and Neutralization ship).

### **PROJECT HISTORY**

The history of this class truly began with the Enterprise incident of 2264. The then Captain James Tiberius Kirk appropriated (by devious means) a cloaking device. This was then a military secret of the Romulan Star Empire. Not very much military advantage was realized from this operation until about fifteen years later.

### **EARTH YEAR 2278**

Klingon Bird-Of-Prey Class V Scout successfully penetrates Federation borders, bypassing the detection network of the Epsilon-Series Outposts. Through their spy network, Klingon forces receive intelligence on the GENESIS project. They send a scout to investigate the sudden appearance of a planet within the Mutara Nebula. Bird of Prey scout destroys U.S.S. GRISSOM in surprise attack. Admiral Kirk, in direct defiance of the Commanding Admiral's orders, stole the USS ENTERPRISE. Sabotage of the USS EXCELSIOR allowed their escape. USS ENTERPRISE self-destructs in order to kill most of the enemy vessel's crew. Klingon Captain Kruge and all save one crewman killed upon the planet's surface. Admiral Kirk and party board the Bird of Prey, capturing the one remaining crewman. Admiral Kirk takes Captain Spock's

Katra and body to Vulcan and they are Successfully rejoined. Three-month period of exile on Vulcan follows.

## EARTH YEAR 2279

Admiral Kirk and party decide return to Earth to face the consequences of their actions. While enroute to Earth, a distress call from the President of the Federation. An orbiting probe is severely damaging Earth. No one on Earth can find out why the probe is there. Efforts to communicate with the probe fail. An inspiration on Spock's part finds out that the probe is trying to communicate with humpback whales. They time warp to twentieth-century Earth to retrieve the whales. After many problems, their attempt is successful. The whales successfully communicate with the probe, saving Earth. The following trial demotes Admiral Kirk to the rank of Captain. He is assigned command of the rebuilt USS ENTERPRISE NCC-1701A. Klingon Bird-Of-Prey is being analyzed by Starfleet Intelligence.

## EARTH YEAR 2280

USS GALLANT completes maiden voyage. All agree it is a complete success. Lieutenant Colonel Arthur Stewart MacPherson detached from Starfleet Marines to disseminate data from the captured Bird-Of-Prey. This assignment, which takes eight months, earns him promotion to full Colonel.

## EARTH YEAR 2288

Captain Samuel Karl Wilkerson III finishes engineering work and flight tests on new INGRAM class prototype. Starfleet promotes him to the rank of Fleet Captain.

## EARTH YEAR 2289

Captain Kirk promoted to the rank of Admiral once again. He is nearly sixty-two years old. Starfleet considers him too old for active command. His experience earns him command of the Strategic Planning Division. His first project is to develop and produce a counter-intelligence ship. He quotes "We need a capable counterintelligence vessel. Its primary mission is Counter intelligence, but long range interdiction is essential too. This is the best way to deal with the growing problem of border incursion. We need detailed information on new Romulan and Klingon vessels. The essential qualities of this vessel are speed and secrecy." He is given full authority to acquire any personnel he thinks necessary. He decides on a team of four. The team consists of Fleet Captain Samuel Karl Wilkerson III, known Throughout Starfleet for his engineering and design capability. His chief success is the INGRAM project. Next is Brigadier General Arthur S. MacPherson, a security specialist. He is also a Klingon linguist and an expert in counterintelligence. He reports directly to the Chief of Intelligence of Starfleet. He also reports to the Director of Strategy and the Chief of Operations. Next is Vice-Admiral Saan. His position as chief project consultant follows his success of Project ADREFT. Last is Commodore Pavel Andreivich Chekov. He is the Project Commander.

### \*\* PROJECT BREAKDOWN \*\*

#### PROJECT COMMANDER

Commodore Pavel A. Chekov

#### EXECUTIVE OFFICER

Flt. Capt. Samuel H. Wilkerson III

Duties: Engineer-in-charge, warp-field dynamics, system reliability, and operational test.

## PROJECT OPERATIONS OFFICER

Brig. Gen Arthur S. MacPherson Duties: Counter-Intelligence Consultant, Countermeasures Research and Development, Project Security Officer.

## PROJECT CONSULTANT

Vice-Admiral Saan, SF IG

Duties: Project Consultant, Administrative Specialist.

## EARTH YEAR 2290

Starfleet Command considers cancelling Project CHAMELEON. Admirals Kirk and Saan succeed in delaying the final decision on this project. The Project CHAMELEON staff needs six years to develop the prototype. Starfleet approves this timetable. Klingon pressure on the border is mounting. The Romulan Navy is building up its forces rapidly.

## EARTH YEAR 2291

Starfleet approves the Mark XXIX, known as the Chameleon Class. Construction of the first sub-class is to start immediately. Ship names and NCC numbers follow:

USS CHAMELEON	NCC-900
USS INQUISTOR	NCC-906
USS PHANTOM	NCC-901
USS HOLOGRAM	NCC-907
USS IMPOSTER	NCC-902
USS DECEIVER	NCC-908
USS INVISIBLE	NCC-903
USS ENCRYPTIC	NCC-909

USS SHADOWSCAPE	NCC-904
USS NORAD	NCC-910
USS BLACKBIRD	NCC-905
USS FERRET	NCC-911

## EARTH YEAR 2296

After a construction period of 843 days, the USS CHAMELEON is finally ready. The USS PHANTOM is 82 percent complete and the USS IMPOSTER is 46 percent complete. The general appearance of the USS CHAMELEON at first glance similar to the USS THUNDERBOLT. However, the CHAMELEON has an additional dorsal spine to which a second pair of warp engines fits. Another change is the addition of the primary hull superstructure, similar to the USS AVENGER. Also added is the roll bar without the weapons pod. General information is given below:

## SPECIFICATIONS

LENGTH:	250.0 METERS
DEADWEIGHT TONNAGE:	228,500 METRIC TONS
BEAM:	141.7 METERS
CREW COMPLEMENT:	18 OFFICERS 160 ENLISTED
DRAFT:	96.5 METERS

## PERFORMANCE:

MAXIMUM CRUISING SPEED:	WARP 7.73 CLOAKED WARP 11.92 UNCLOAKED
MAXIMUM SAFE SPEED:	WARP 10.05 CLOAKED

WARP 14.90 UNCLOAKED  
EMERGENCY SPEED: WARP 13.00  
CLOAKED  
WARP 17.50 UNCLOAKED

ORDINANCE:

(12) FH-11 PHASERS. MAXIMUM RANGE 240,000  
KILOMETERS

(02) FP-6 PHOTON TORPEDOES. MAXIMUM  
RANGE 200,000 KILOMETERS

EARTH YEAR 2297

Excerpted from Capt. Coulter's Personal Log:

After our shakedown cruise, I can only marvel at the overall capabilities of this ship. Yesterday, we came alongside the newest INGRAM class battleships. Its name is the USS STALKER. We scanned them for three hours from only 800 meters without being detected. This is the ideal ship to attempt Operation DIXIE once again. I am sure this ship can do it. We cannot fight a K'ring or K't'Jeremy class ship by ourselves. They have to see us to hit us, though. I still remember STALKER'S reaction at us dropping our cloak and outrunning them. (without having to resort to emergency speed)-A Captain Coulter out--

EARTH YEAR 2310

Admiral Kirk's new assignment is Starfleet Commander. Term is for two years. Klingon War causes extension of this assignment for the duration.

EARTH YEAR 2312

Klingon War begins with massive assault on the Triangle and Federation border by Klingon forces. 42 days of pitched battle follows. The four operational Chameleon class ships plays pivotal role. Successful counter-intelligence and ECM against Klingon forces eventually force the Klingons to break off attack. Casualties are high on both sides, but twice as high for Klingons. USS Chameleon is responsible for destruction of both operational L-42 class battleships. Klingon retreat finally turns into a rout.

## EARTH YEAR 2314

Klingons destroy the USS Chameleon and USS Phantom in pitched battle. All but the USS Shadowscape now operational. It is having problems for reasons unknown.

## EARTH YEAR 2315

Klingon surprise attack on secret base destroys four Chameleon class ships. Their names are: the USS INVISIBLE, USS HOLOGRAM, USS ENCRYPTIC, and the USS FERRET. Starfleet decides on 12 new vessels. Names below:

USS MIRAGE	NCC 920
USS BORIS BADANOV	NCC 926
USS ENIGMA	NCC 921
USS SPECTRE	NCC 927
USS LIGHTNING	NCC 922
USS PHALANX	NCC 928
USS GHOSTRIDER	NCC 923
USS TALOSIAN	NCC 929
USS DRAGON LADY	NCC 924
USS THUNDERBOLT	NCC 930
USS SABOTEUR	NCC 925



## EARTH YEAR 2316

Klingon retreat finally reaches planet Kronos. The Federation task force destroys all orbiting defenses around Kronos. Klingon High Command vows to fight to the last man. After a siege of three months, saner minds prevail in the Klingon command. Hostilities end. Stardate: 14853.5. Report by Starfleet gives final evaluation on the Chameleon class. Six Chameleon vessels is a fair exchange for the 167 ships saved due to the direct action of these ships. In Admiral Kirk's words: "These ships literally saved our ass. Without them, we would have lost the war."

## EARTH YEAR 2318

Admiral Kirk's commissions the USS MIRAGE. This is the first of the second model of the Chameleon Class. This is Kirk's last act before retiring from Starfleet. Klingon treaty signed and ratified unanimously by the General Assembly. The prophecy of the Organians reaches fulfillment. The Federation and the rest of the galaxy can now enjoy some peace. Long may it last!

## EARTH YEAR 2319

USS ENIGMA is complete. Construction of the remaining nine MIRAGE model proceeds more slowly. Schedule for last delivery is about Stardate 20000.0.

## EARTH YEAR 2321

Trouble starts again with 'navigational errors' by Romulan Navy starships. Ingram class battleships patrol the area frequently. The presence and weaponry of the INGRAM

class causes the Romulans to withdraw. The Ingram class is powerful enough to defeat four of the old MK-IX ENTERPRISE class cruisers. The USS GHOSTRIDER is complete.

## EARTH YEAR 2323

The USS DRAGON LADY is complete.

## EARTH YEAR 2324

The USS SABOTEUR is complete. USS DRAGON LADY completes its shakedown and systems evaluation cruise.

## EARTH YEAR 2326

The USS BORIS BADANOV and the USS SPECTRE complete. The many improvements cause all surviving Chameleon class ships to return to spacedock. Starfleet estimates a refit time of one year.

## EARTH YEAR 2327

Decommission ceremony of remaining CHAMELEON class takes place at Starfleet Headquarters. USS IMPOSTOR is now on display at the Federation Space History Museum on Goddard Moon-base, Sol III. USS SHADOWSCAPE, USS SHANGRI-LA, USS INQUISITOR, USS DECEIVER, and the USS NORAD enters the scrap heap. The USS ALOSIAN is complete. New ICARUS multi-spectrum ECM undergoing retrofit to all MIRAGE models.

## EARTH YEAR 2328

Operation ETRUSCAN begins with USS ENIGMA entering Romulan space. USS SPECTRE, USS GHOSTRIDER, and the USS BORIS BADANOV remain in Federation space. They are cloaked and will act as relay ships for subspace transmissions from the USS ENIGMA.

## EARTH YEAR 2330

The USS PHALANX is complete. Starfleet reveals plans for new model known as the CHAMELEON II. The CHAMELEON II has new cloaking and image compensation raster system. New TACAN system will be installed in the CHAMELEON II. TACAN stands for (Terrain duplication All-Condition acquisition Neutralizer.)

## EARTH YEAR 2331

Starfleet begins construction of CHAMELEON II model. Names and NCC numbers below:

USS CHAMELEON II	NCC 900-A
USS JAMES BOND	NCC 944
USS PHANTOM II	NCC 901-A
USS ECHO	NCC 945
USS MIDNIGHT	NCC 941
USS CHANGELING	NCC 946
USS ENIGMA II	NCC 921-A
USS HOLOGRAM II	NCC 907-A
USS KANG	NCC 942
USS INTRUDER	NCC 947
USS WILD WEASEL	NCC 943
USS BLACKBIRD II	NCC 905-A

## EARTH YEAR 2332

Date of last contact with USS ENIGMA. Enters Missing in Action status twenty days later. Starfleet Admiralty Board convenes in emergency session. Destruction of the USS ENIGMA proven by USS GHOSTRIDER. Concerns of the CHAMELEON classes secret permeates Starfleet Command. The USS LIGHTNING is complete.

## EARTH YEAR 2333

The USS THUNDERBOLT is complete.

## EARTH YEAR 2334

Incidental collision between Romulan cruiser and USS BORIS BADANOV. Damage to the ship is critical. This causes interruption of transmission to USS SPECTRE. Captain Stril orders total self-destruction of hulk in order to prevent capture. Romulans classify accident as act of sabotage. The USS GHOSTRIDER and USS SPECTRE arrives back at Sol. III. Operation ETRUSCAN is a big success. Starfleet Intelligence reports that ten years will not be enough time to analyze the data from this mission. A loss of fifty percent of the original four ships is prohibitive. The data is essential for the security of the Federation. The USS FULCRUM is complete. Production draws to a close for the MIRAGE model. The new CHAMELEON II sub-type will offer a 350 percent increase in capability. These capabilities will allow a new counterinsurgency role as a new mission. The only visible external difference is a twenty foot blister at the fore end of the roll bar. This is now a flush high-gain antenna. Other internal changes include a new impulse engine with double

the power output of the old unit. This will address the most common complaint of ship's captains since the Klingon war.

## EARTH YEAR 2335

Technology exchanges begin between the Federation and the Klingons. This is in recognition of the peace treaty with the Klingons. Starfleet Academy is now open for Klingon students that wish to attend. Romulan border incidents continue almost every week. Romulan Stronger Bird cruiser attempts to engage USS CORONADO III in combat. After luring them to our side of the Neutral Zone, USS GALLANT C destroys intruder using new FP-9 Photon torpedo. After this incident, FP-9 Photon torpedo retrofitted to all ships of 50,000 tons or more.

## EARTH YEAR 2336

New LEEDING type transwarp drive engines enter production after protracted development. A resulting 34 percent power increase make COSMODYNE developers adapt this engine to the new USS CHAMELEON II. Construction is 65 percent complete. This will delay completion time by 262 days.

## EARTH YEAR 2337

USS CHAMELEON II complete. CHAMELEON II undergoes a 135 day shakedown cruise to evaluate new performance specifications. Construction is 38 percent complete on USS PHANTOM II and 14 percent complete on USS MIDNIGHT. USS ENIGMA II begins construction. USS CHAMELEON II returns from Shake down cruise. The crew calls the ship a complete success. The following excerpt from Captain Angmar's personal log states: "The new engines and internal systems are

performing very well. The increase of space allows storage of new SW-II Warp Sled. The speed, maneuverability, and acceleration of this new ship is exceptional. The new PROTEUS transporter system allows a new capability. This is the ability to beam someone down without the loud hum of a carrier beam. My personal recommendation is for Starfleet to build these ships as fast as possible. Twelve ships are not enough, either. I recommend that the Enigma class undergo retrofit to include ALL CHAMELEON II upgrades."

## USS CHAMELEON II SPECIFICATIONS

LENGTH:	250.6	METERS
DEADWEIGHT TONNAGE:	229,575	METRIC TONS
BEAM:	141.7	METERS
CARGO CAPACITY:	16,900	METRIC TONS
DRAFT:	97.0	METERS
CREW COMPLEMENT:	24 OFFICERS & 187	ENLISTED

## PERFORMANCE

MAXIMUM CRUISING SPEED:	WARP 9.98 WITH TACAN CLOAK WARP 12.96 WITHOUT TACAN CLOAK
MAXIMUM SAFE SPEED:	WARP 14.57 WITH TACAN CLOAK WARP 17.00 WITHOUT TACAN CLOAK

EMERGENCY SPEED:

WARP 16.85 WITH  
TACAN CLOAK  
WARP 20.00  
WITHOUT TACAN  
CLOAK

## ORDINANCE

13 x FH-14 PHASERS

MAXIMUM RANGE 270,000 KILOMETERS

3 x FP-09 PHOTON TORPEDOES

MAXIMUM RANGE: 550,000 KILOMETERS

## AUXILIARY CRAFT

10 x S-2B WASP 'KILLER BEE'

1 x SW-11 SHUTTLE W/WARPSLED

10 x S-2C HORNET 'KILLER BEE'

10 x S-24 SHUTTLECRAFT

5 x S-2E STINGER 'KILLER BEE'

25 x X-101 DRONES

## OPERATIONAL CAPABILITIES

5 x 12 PERSON 'PROTEUS' TRANSPORTERS

4 x 22 PERSON EMERGENCY TRANSPORTERS

ALL OTHER OPERATIONAL CAPABILITIES: DO NOT  
DECLASSIFY UNTIL SD 50000.

## EARTH YEAR 2338

USS PHANTOM II complete. USS MIDNIGHT nearing completion. USS ENIGMA II is 90 percent complete. USS KANG and USS ECHO begin construction at COSMODYNE shipyards.

## EARTH YEAR 2339

USS ECHO complete. USS JAMES BOND's keel laid at COSMODYNE shipyards. Starfleet Division at DENEb IV begins production of remaining CHAMELEON class at their maximum-security shipyard. The USS CHANGELING, USS HOLOGRAM II, USS INTRUDER, and the USS BLACKBIRD begins construction.

## EARTH YEAR 2340

Romulan border incursions suddenly cease, starting 53 year period of eerie quiet. Starfleet strategists are at a loss to explain how or why this has happened.

## EARTH YEAR 2342

Starfleet needs to find out why the Romulans have suddenly withdrawn 75 percent of their forces from the Federation frontier. Last of CHAMELEON II class complete. Upgrade of MIRAGE model started at Starfleet Division, DENEb IV.

## EARTH YEAR 2343

USS CHAMELEON II, USS ECHO, and USS JAMES BOND depart STARBASE II for Romulan space. Operation WHEREDEGO begins ten days later.

## EARTH YEAR 2344

The USS JAMES BOND disappears without trace. Its last reported position is near 151 Trianguli. Other two ships



return from Operation WHEREDEGO six months later. The Romulans are committing almost all of their resources to fight an alien race known as the Kinshayas. These aliens are very similar to a giant ant. They are giving the Romulans a tough fight of almost galactic proportions. Their war fronts are over 1,000 parsecs long. Rest of Chameleon II class complete.

## EARTH YEAR 2347

Starfleet planners start to formulate plans to GALAXY class exploration ships. Initial contractor bids sent out.

## EARTH YEAR 2351

Fifth-generation LEEDING Transwarp engines enter service. The design of these engines are specifically for the CHAMELEON class. New designation for these engines are: LL-92TW-14-PW-200. Specifications of Chameleon class given on Stardate 31440.6 are with old engines. These engines are 43 percent more powerful and 640 tons lighter. Changed specs are as follows:

## SPECIFICATIONS

### DIMENSIONS:

NACELLE LENGTH:  
156.0 METERS

NACELLE DRAUGHT: STANDARD: 209,700 MT  
19.0 METERS

NACELLE BEAM: 13.7 FULL LOAD: 226,500 MT  
METERS

### DISPLACEMENT:

LIGHT: 196,040 MT

## PERFORMANCE (AT 225,000 MT)

WARP SPEED	WITH TACAN	WITHOUT TACAN
CRUISING	12.67	16.95
FLANK	16.88	21.54
EMERGENCY	20.33	22.29

### ACCELERATION:

### DURATION:

REST-CRIT MOVEMENT	STANDARD	1,763
3.665 SEC	DAYS	

WARP	ENGAGE	MAXIMUM	7,300 DAYS
1.000 SEC			

WARP	1-5.99
.408 SEC	

WARP	6-10.99
.326 SEC	

CARGO: 16,550 METRIC	
TONS	

WARP	11-15.99
1.409 SEC	

WARP	16-20.99
3.523 SEC	

WARP	21-22.29
11.669 SEC	

## EARTH YEAR 2352

New GALAXY class ship begins construction at COSMODYNE shipyards. The estimate gives completion date of Stardate 29500.0. Construction delays immediately begin. These delays will eventually delay completion of USS GALAXY for about five years. Conflict with the Tholians begins.

## EARTH YEAR 2355

Starfleet Academy opens classes up for Klingons to become officers in Starfleet, with five Klingons. First graduate is Ensign Worf. Third campus begins construction near Starbase 16 (nearest Kronos).

## EARTH YEAR 2356

USS GALAXY nears completion. USS ENTERPRISE NCC-1701-D Begins construction. USS YAMATO begins construction.

## EARTH YEAR 2357

USS GALAXY completes construction and begins shakedown cruise.

## EARTH YEAR 2358

USS NAADAN begins construction to commemorate 40 year anniversary of peace between the Federation and the Klingons.

# EARTH YEAR 2359

USS ENTERPRISE NCC-1701-D complete. Ship begins shakedown cruise to Farpoint station.

FEDERATION STARSHIP STARDATE:31440.6

Class One MK XXXIX/03 SPECIFICATIONS

PAGE 1 OF 2

Class Designation: CHAMELEON

## Dimensions:

Overall Length:  
Meters

250.626

Overall Draught:  
Meters

97.003

Overall Beam:  
Meters

141.744

Primary Hull  
181.588 Meters

Length:

## Ship's Complement:

Officers: 24

Enlisted: 187

## Performance:(With TACAN cloak)

Primary Hull  
34.221 Meters

Draught: Cruising : Warp 9.98

Primary Hull Beam:  
Meters

141.744 Flank: Warp 14.57

Nacelle  
156.001 Meters

Length: Emergency : Warp 16.85

## Performance:(Without TACAN)

Nacelle Draught: 18.221 Cruising : Warp 12.96  
Meters

Nacelle Beam: 13.055 Flank : Warp 17.00  
Meters

## Displacement;

Light: 198,950 Metric Tons Emergency : Warp 20.00

Standard: 212.675 Metric Tons Note: All Performance  
Tons Warps are at 229,500 Metric  
Tons

Full Load: 229,575 Metric  
Tons

## Acceleration:

## Duration:

Standard: 2,000 Days at  
Standard Comp.

Rest-Crit. Moment: 4.007 (5.5 years)  
Sec.

Warp 1-5: .477 Sec. (22.7 years)

Warp 6-10: .399 Sec.

Warp 11-15: 1.609 Sec.

Warp 16-20: 3.994 Sec.

## SYSTEMS:

Navigation: "Dworham III" Warp Celestial Guidance  
(System Contractor: Sperry-Armstrong Corp. Sydney, Aust., Earth)

Computers: "AN/ASN-92" M-9 Multitronic; Datatac V Support Subsystem

(System Contractor: Ferranti Mnemonics, Berkshire, Earth)  
"APG-66W" Attack/Offense Computers with Bor-Kut upgrade  
(System Contractors: Westinghouse Ltd. London, Earth)  
(: Ka-rath, Gnuu'Re, Kronos)

"Sentinel IV" Defense/Countermeasures Computer  
(System Contractors: Marconi-Elliot Ltd. Turin, Italy, Earth)  
(: L.M. Ericsson, Stockholm, Earth)

Weapons: Phasers: 6 Banks/2 ea. R4B-16M "Phalanx" Twin Mount. 2 Banks/2 ea. R4B-16T "Phalanx II" Turreted Mount  
(System Contractors: Asakaze Ordnance Sys. Ltd. Honshu, Earth)  
(: Raytheon Weapons, Ltd. Cleveland, Earth)

(: Komo Val, Taamar Kronos)

Photon Torpedoes: 3 Tubes MK XLV-6J (2 FWD/IAFT)  
(System Contractor : Skat-Rar Weapon Systems, Ezuruk, Andor)

Defense: "Tolecnal" Primary Force Field Deflector Con/Sys.  
(System Contractors: Thomson-CSF, Paris, Earth)  
(: Prentix-Schafer, Marsport, Mars)  
(: Fairey Electronics Ltd., London, Earth)

Defense: "Weasel II" X-101 Decoy Launcher System  
(Contractors: Martin-Baker Corp. Edinburgh, Earth)  
Sta'kor, Cetis Weapon System: PRA-TAK IX Fire Control Add-On

(System Contractor : Raakuv, Gaziwahaida, Andor)  
"TACAN" Cloaking Generator and Field Duplicator System & C12-L14  
(System Contractors: Hycor-Mandella Corp., Bombay, India)  
(: Uru-Hartak, Gariatka, Tellar)

Propulsion:4 LL-89TW-8-PW-100 Dilithium Energized Anti-Matter  
Linear-Trans warp-Drive Units w/"Kar-Tor" Emergency Anti-Matter Direct Injection System  
(System Contractors: Leeding Warp Propulsion Corp.,San Francisco, Earth)  
(: Kar-Tor, Kronos) 4 RSZ-2 Subatomic Unified Energy Impulse Units  
(System Contractor : Scarback Propulsion Systems, Cairo, Earth)  
Quasar" Particle Beam Maneuvering Thrusters  
(System Contractors: Volvo Flygmotor, Stockholm. Earth )  
(: Scarback Propulsion Systems, Cairo, Earth)  
(: SNECMA Engine Systems, Marsilles, Earth )  
"Tenetis W" Pulsed Laser Warp-Accelerated Reaction Control System  
(System Contractor : Orage Ijek, Aksajak, Andor)  
Life Support: MB-5 Artificial Gravity Generator  
(System Contractor : Cristobal SM/S. Manila. Earth)  
"Rastis-Warhud" Radiation Protection Package  
(System Contractors: Tidjikja/Atar Gastaribi, Regulus)  
(: Mikoyan-Gurevich, Kiev, Earth )  
"Cerix" Waste Regeneration System  
(System Contractors: Jullundar-Lahore Ltd., New Delhi, Earth)  
(: Sr'ruk, Vulcan )

**Data Collated By:**

Admiral Dana Reynolds  
Admiral Gary Pirtle  
Admiral Ben Steed, retired  
Captain Sean O'Keefe