

OM 1701-CEC/REV.

CLASSIFIED

# U.S.S. ENTERPRISE

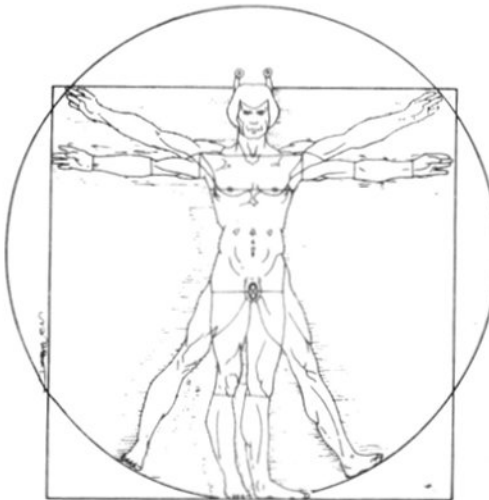


# OFFICER'S MANUAL

CONSTITUTION CLASS • NCC-1701

## **CLASSIFIED**

THIS MANUAL IS FOR EYES OF STAR FLEET OFFICERS OF LIEUTENANT GRADE OR ABOVE ONLY. IT IS INTENDED TO FAMILIARIZE NEW PERSONNEL WITH THE CRITICAL COMPONENTS AND GENERAL ROUTINE OF CONSTITUTION CLASS STARSHIPS, AND SHOULD NOT SUPPLANT OTHER MANUALS PROVIDING MORE DETAILED INFORMATION ON STARSHIP OPERATION. REFER ALL QUESTIONS TO THE STAR FLEET CHIEF OF OPERATIONS, STAR FLEET COMMAND, SAN FRANCISCO, CALIF.



**STAR FLEET PUBLICATIONS OFFICE**

**TERRA • 2285**

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DAVID WINFREY**

**TECHNICAL ADVISOR**

**CHRISTOPHER R. PIKE, CAPT., USSC, FS,  
RET.**



**THIS BOOK IS DEDICATED TO IMRAN, WHO NEVER HAD THE CHANCE TO CHANGE  
THE WORLD.**

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**UNITED FEDERATION OF PLANETS**  
**STAR FLEET TERRAN HEADQUARTERS · SAN FRANCISCO, CALIF.**

On behalf of Star Fleet Command, I would like to welcome you aboard the Enterprise, and congratulate you on your assignment to a Starship that has proven itself to be one of the finest in the fleet. Not one being in a hundred has the necessary qualifications to become a Star Fleet officer, and not one officer in a hundred has the abilities required for Starship duty. You may consider yourself a member of a very privileged class, one that commands the respect and envy of beings galaxy-wide. You have also been given an important responsibility — for as long as you wear the uniform of Star Fleet, your conduct will reflect upon the entire service, and what you say or do will determine how the Federation appears in the eyes of the galaxy. It is your sworn duty as well as your responsibility to uphold the laws and ethics of the fleet.

I would also like to say that since its commission almost half a century ago, the exploits of the Enterprise have become legendary; once you make the grade, you can look forward to an exciting tour of duty on the very frontier of our galaxy. Through the voyages of Starships like the Enterprise, Star Fleet adds to the Federation's already extensive scientific and sociological knowledge, promotes good will and commerce within its territorial boundaries, and enforces peace in our galaxy. Your job is one of scientist, observer, ambassador, arbiter and policeman — and if you believe that any one of these professions is worthwhile, you will find the combination of all of them to be an experience unique in this or any other galaxy.

**ADMIRAL JAMES T. KIRK**  
**STAR FLEET CHIEF OF OPERATIONS**



## A BRIEF HISTORY OF STAR FLEET



Star Fleet, the military and scientific arm of the United Federation of Planets, has its roots in the United Nations Peace Forces, a multinational police organization formed during the destructive Eugenic Wars on Earth. The jurisdiction of the UNPF was later extended to include supervision of national arms and technology, and after the Clone Wars of the 2030's, it replaced national militias entirely. At about this time, another UN organization, the United Earth Space Probe Agency (UESPA), became prominent with the development of Cochrane's faster-than-light drive. Decades earlier, the UNPF had placed defensive outposts in the outer solar system armed with asteroid-based lasers, which also provided propulsion for UESPA probe spacecraft. When the warrior Kzinti invaded Sol system in 2049, all UESPA spacecraft (the most advanced was the DY-500 space freighter with ion-impulse propulsion) were commandeered for military use.

The Kzinti invaded Sol four times in fifteen years, and the "temporary" consolidation of UESPA with the UN security forces became a necessary and permanent one. When the Bonaventure and other Galactic Survey Cruisers left Earth to explore nearby star systems, they were manned by the same soldiers that had been fighting in space for over a decade. In retrospect, historians have condemned these military expeditions as presenting a distorted view of the human race to other civilizations; and indeed, the races contacted, including the Andorians and Tellarites, were to view humans with suspicion for half a century to come. But when Earth vessels encountered the Vegan Tyranny in the late 21st Century, the caution was shown to be justified, and only through the decisive actions of cruisers like the Cochrane and the Krushchev was a major interstellar war prevented.

The militaristic elements that had characterized UESPA were diminished during the 22nd Century, largely through the influence of Vulcan technology and philosophy. A UESPA much closer to today's Star Fleet became the dominant military power in the explored galaxy, the Treaty of Sirius (and the later Treaty of Vega IX) guaranteeing the multi-racial makeup of Star Fleet crews. Although the Kzinti maintained a small fleet of police craft, the Vegans, never fully understood by Earth sociologists, elected for racial suicide, leaving the planet open for colonization. Many other colonies, including Ophiuchus, Benecia, New Paris and Beta Five, were founded during this period, the colonists transported in renovated freighters that took years to reach their destination. With the scattering of the human race, any kind of centralized police force became impossible. Contrary to prediction, an Earth-based empire never developed, the individual colonies generally assuming responsibility for their own government. During this period of expansion, the UNPF was phased out entirely, and UESPA enlarged to encompass both the semi-military Terran Space Academy (an academy was opened on Vulcan in 2104) and the Earth-based space fleet.

Not until the ratification of the Articles of Federation in 2087 did Star Fleet become the organizational name for UESPA, as well as for a string of seventeen star bases provided for in the articles. The military forces of all five Federation members (and those of subsequent member systems) were consolidated under Star Fleet, with a military chain of command roughly based on that used by the North Atlantic Treaty Organization (NATO) in the 20th Century.

Today, all military and commercial traffic in interstellar space is regulated by Star Fleet Command, which is responsible to three Federation agencies: the Bureau of Colonization, the Bureau of Commerce, and the Bureau of Space Exploration (successor to UESPA, which was disbanded in 2209). The Star Fleet Armed Forces include over eight thousand vessels, ranging in size from Class F Shuttlecraft to Constitution Class Starships, and employs personnel in excess of five hundred thousand.

Star Base Command currently administers a total of twenty-eight star bases, seventeen deep space stations, and 741 outposts and monitor stations, with a total complement in the area of eight hundred thousand. Seven Star Fleet Academies distributed throughout Federation space support a permanent faculty of 14,038 and a student population of 85,397 (2205 survey). Two Star Fleet headquarters, one located in the astrographic center of Federation space and the other in the Terran city of San Francisco, together house a permanent population of 18,500.

**PROF. JOHN GILL**  
**PATTERNS OF HISTORY, REV. ED.**

# FEDERATION CHRONOLOGY

## FROM THE TERRAN PERSPECTIVE

- 1980** Development of space shuttle.  
Permanent manned orbiting space station constructed in international cooperative effort.  
Flying belt found in Slaver stasis box on the moon.
- 1990** Revival of NERVA nuclear rocket research program. Designs for DY-100 Interplanetary vessel completed, prototype built. Eugenics Wars (World War III) 1992-96. Rise and fall and disappearance of "supermen", departure of
- 2000** S.S. Botany Bay. 37 million killed. Formation of United Earth and UESPA. Departure of Nomad probe, 2002. Construction of space stations, permanent lunar Base. First manned Mars landing, exploration and settlement.  
Fundamental Declaration of the Martian Colonies. Asteroid belt investigations begin. DY-200 ships designed, 2018, improvements in engines make interplanetary
- 2010** "sleeper ships" unnecessary. S.S. Savannah makes first journey to Jupiter. S.S. Goddard lost on first Saturn mission. Col. Christopher expedition completes mission successfully.
- 2020** Birth of Zefram Cochrane, 2025.  
Moon and Mars continue to grow in population. "Space Ferries" developed to transport colonists.
- 2030** Genocidal war on earth led by Col. Green.  
Exploration and colonization of Solar System continues. DY-300 and DY-400 Class vessels built. Numerous research stations on distant moons. Standard
- 2040** Procedures developed for exploratory missions. Discovery of Dilithium,
- 2050** Zefram Cochrane begins work on space warp experiments. DY-500 vessels with Ion-impulse drive appear. Kzinti reach Solar System, 2051. First Man-Kzin War. Kzinti are finally defeated when Cochrane's faster-than-light drive is used by Earth vessels.
- 2060** S.S. Bonaventure sent out by UESPA to survey nearby star systems. Return of Bonaventure. Existence of other planets and races confirmed.
- 2070** UESPA begins construction of several Galactic Survey Cruisers. Departure of S.S. Valiant. Last message received from Valiant, vessel presumed lost.  
Bonaventure lost on third voyage.
- 2080** Colonies established in nearby systems. Plans made for further exploration, exploration.
- 2090** Contact with Vegans, Earth-Vega War.  
End of Vegan Tyranny.

# FEDERATION CHRONOLOGY

## FROM THE TERRAN PERSPECTIVE

Exploration reveals many new planets.

- 2100** First contact with Vulcans, 2100.  
Cultural exchange program begins.  
Six women murdered in Martian Colonies, 2105.

- 2110** Disappearance of Zefram Cochrane from Alpha Centauri, 2112.

- 2120** Exploration and discovery continues. Many new races contacted.  
Interstellar commerce and cultural exchange prospers.

- 2130** Proposal to join civilizations into a giant political network.  
Formation of United Federation of Planets. Ratification of  
Articles of Federation. Star Fleet Academy, Star Bases established.

- 2140** Procedures standardized for future exploration.  
Aliens begin appearing in Star Fleet.  
All starships designated by prefix U.S.S.  
Colonization of Deneva.

- 2150** Ten women murdered, Heliopolis, Alpha Eridani II, 2156.  
U.S.S. Archon disappears on survey mission to Beta III.

Birth of Sarek, 2161.

- 2160** Romulan War, 2161-62. Treaty of Peace and neutral zone established.  
Asteroid outposts constructed to prevent further aggressions.  
U.S.S. Horizon visits Sigma Iotia II, leaves "The Book" in violation of the  
Prime Directive.

- 2170** First contact with Klingon Empire.

- 2180** Exploration and discovery continues. New classes of ships designed  
For exploration and commerce. New colonies continue to be established.

- 2190** Birth of Robert April, 2190  
Janus VI mining colony established.

- 2200** Birth of Amanda Grayson

- 2210** Constitution Class Starships designed, fourteen built. Robert April assumes  
command of U.S.S. Enterprise. U.S.S. Valiant is lost on exploratory probe to  
Eminiar VII, reports that planet is at war with its neighbor.

Birth of Richard Daystrom. Birth of Christopher Pike, 2216.

# FEDERATION CHRONOLOGY

## FROM THE TERRAN PERSPECTIVE

**2220**

Birth of James T. Kirk, 2229.

**2230**

S.S. Columbia crashes on Talos IV.

Installation of Daystrom's computer systems aboard Starships.

**2240**

Battle of Donatu V with the Klingons; inconclusive.

Kodos "the executioner" murders half the population of Tarsus IV.

Christopher Pike assumes command of Enterprise. Talos IV expedition.

**2250**

Cloud-vampire attacks U.S.S. Farragut in Tycho star group.

James T. Kirk assumes command of U.S.S. Enterprise.

**2260**

On mission to edge of Galaxy, Enterprise finds disaster recorder ejected from S.S. Valiant 189 years previously.

**THE REST IS KNOWN**

# ORDERS

TO LT. CMDR. JAMES T. KIRK

STARDATE 1307.6

- I. THE PROMOTIONS REVIEW BOARD HAS CONSIDERED YOUR HEROIC ACTIONS OF STARDATE 1307.4 ABOARD THE U.S.S. ALEXANDER, AND EFFECTIVE THIS STARDATE YOU ARE ADVANCED TO THE GRADE OF CAPTAIN.
- II. YOUR TEMPORARY ROTATION TO STARBASE IS SUSPENDED THIS STARDATE. AS PER ABOVE CITED STAR FLEET EXECUTIVE ORDER, YOU ARE HEREBY ASSIGNED TO STARSHIP COMMAND DUTY.
- III. YOU ARE THEREFORE POSTED, EFFECTIVE IMMEDIATELY, TO COMMAND THE FOLLOWING:  
THE U.S.S. ENTERPRISE.  
HEAVY CRUISER CLASS--GROSS 190,000 TONS  
CREW COMPLEMENT--430 PERSONS  
DRIVE--SPACE-WARP  
RANGE--18 YEARS AT LIGHT-YEAR VELOCITY  
REGISTRY--EARTH, UNITED SPACE SHIP
- IV. NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS
- V. WHERE POSSIBLE, YOU WILL CONFINE YOUR LANDINGS AND CONTACTS TO CLASS "M" PLANETS APPROXIMATING EARTH-MARS CONDITIONS.
- VI. YOU WILL CONDUCT THIS PATROL TO ACCOMPLISH PRIMARILY:
  - (A) EARTH SECURITY, VIA EXPLORATIONS OF INTELLIGENCE AND SOCIAL SYSTEMS CAPABLE OF A GALACTIC THREAT, AND
  - (B) SCIENTIFIC INVESTIGATION TO ADD TO THE EARTH'S BODY OF KNOWLEDGE OF ALIEN LIFE FORMS AND SOCIAL SYSTEMS, AND
  - (C) ANY REQUIRED ASSISTANCE TO THE SEVERAL EARTH COLONIES IN YOUR QUADRANT, AND THE ENFORCEMENT OF APPROPRIATE STATUTES AFFECTING SUCH FEDERATION COMMERCE VESSELS AND TRADERS AS YOU MAY CONTACT IN THE COURSE OF YOUR MISSION.
- VII. THE FOLLOWING PERSONNEL HAVE BEEN ASSIGNED TO THE ENTERPRISE AS SHIP'S SENIOR OFFICERS AND MEMBERS OF YOUR EXECUTIVE STAFF FOR THE MISSION:  
LT. CMDR. SPOCK--SCIENCE OFFICER  
LT. CMDR. SCOTT--CHIEF ENGINEER  
LT. CMDR. MITCHELL--CHIEF NAVIGATOR  
LT. CMDR. PIPER--CHIEF SURGEON
- VIII. AFTER RELIEVING FLEET CAPTAIN CHRISTOPHER PIKE OF COMMAND OF THE ENTERPRISE ON STARDATE 1308.1, YOU WILL PROCEED DIRECTLY TO ALDEBARAN COLONY FOR REFITTING OF EQUIPMENT AND PERSONNEL PRIOR TO THE START OF YOUR MISSION.

- IX. AT ALDEBARAN YOU WILL ALSO TAKE ABOARD DR. ELIZABETH DEHNER, A RESEARCH SPECIALIST IN THE STAR FLEET PSYCHIATRIC SECTION WHO HAS BEEN ASSIGNED TO THE ENTERPRISE TO STUDY CREW REACTIONS UNDER STRESS. YOUR ORDERS REGARDING DR. DEHNER AND HER EXPERIMENT ARE TO PROVIDE ALL POSSIBLE AID AND COOPERATION, WHERE SUCH ACCOMODATION DOES NOT INTERFERE WITH THE OPERATION OF YOUR VESSEL.
- X. YOUR FIRST ASSIGNMENT SHALL BE THE FOLLOWING:  
SURVEY PROBE BEYOND THE KNOWN LIMITS OF THE GALAXY; RECONNAISSANCE TO DETERMINE CAUSE FOR THE DISAPPERANCE OF SEVERAL EARTH VESSELS IN THAT AREA, AND PARTICULARLY THAT OF THE GALACTIC SURVEY CRUISER S.S. VALIANT IN 2071.
- XI. IMMEDIATELY AFTER READING THESE ORDERS, REPORT TO THE BASE COMMANDER'S OFFICE FOR FURTHER INSTRUCTIONS, CREW LISTS, AND ITINERARY.



ADMIRALTY BOARD  
STAR FLEET COMMAND  
QUADRANT FOUR



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# ORDERS

## STAR FLEET GENERAL ORDERS

**STARDATE 1305.0**

- 1** WHEN CONTACTING A PLANET MAKING NORMAL PROGRESS TOWARD A TECHNOLOGICAL CIVILIZATION, AN OFFICER OF STAR FLEET SHALL MAKE NO IDENTIFICATION OF SELF OR MISSION; NO INTERFERENCE WITH SOCIAL DEVELOPMENT OF SAID PLANET; NO REFERENCES TO SPACE, TO OTHER WORLDS OR MORE ADVANCED CIVILIZATIONS.
- 2** UNDER NO CIRCUMSTANCES, NOT EVEN TO SAVE HIS OWN LIFE OR THE LIVES OF HIS CREW, SHALL AN OFFICER OF STAR FLEET WILLFULLY INFLICT HARM OR INJURY ON A BEING KNOWN TO BE INTELLIGENT, UNLESS SUCH ACTION IS WARRANTED BY GENERAL ORDER 1.
- 3** IT IS THE DUTY OF AN OFFICER TO EMPLOY ALL RESOURCES AT HIS COMMAND TO PROTECT THE LIVES OF INTELLIGENT BEINGS, ALTHOUGH IN DOING SO HE SHOULD PLACE HIMSELF OR HIS VESSEL IN DANGER. INACTION, OR ACTION THAT INDIRECTLY BRINGS HARM TO INTELLIGENT LIFE, INCURS EQUAL CULPABILITY AS A VIOLATION OF GENERAL ORDER 2.
- 4** AN OFFICER SHALL OBEY AND EXECUTE TO THE BEST OF HIS ABILITIES THE ORDERS LAWFULLY GIVEN HIM BY HIS SUPERIORS, PROVIDING SUCH ORDERS DO NOT CONFLICT WITH GENERAL ORDERS 1, 2 OR 3.
- 5** AN OFFICER SHALL DO ALL IN HIS POWER TO PROTECT THE SECURITY OF THE UNITED FEDERATION OF PLANETS, ITS MEMBER PLANETS, AND ITS AGENTS INCLUDING STAR FLEET, PROVIDING SUCH ACTION DOES NOT CONFLICT WITH GENERAL ORDERS 1 THROUGH 4.
- 6** IF ALL PERSONNEL ABOARD HAS PERISHED OR BEEN RENDERED INCAPABLE OF ACTION AT THE END OF TWENTY-FOUR HOURS, A STARSHIP SHALL SELF-DESTRUCT IN ORDER TO PROTECT OTHER BEINGS FROM CONTAMINATION.
- 7** NO FEDERATION VESSEL, UNDER ANY CONDITIONS, EMERGENCY OR OTHERWISE, IS TO BE PERMITTED TO VISIT TALOS IV. TO DO SO CARRIES A MANDATORY DEATH PENALTY.
- 8** NO FEDERATION VESSEL IS TO BE PERMITTED TO ENTER THE KLINGON EMPIRE, ROMULAN STAR EMPIRE, OR KZINTI PATRIARCHATY, UNLESS SUCH CONTACT IS WARRANTED BY GENERAL ORDERS THROUGH 5.
- 9** NO FEDERATION VESSEL IS TO BE PERMITTED TO VISIT ANY OTHER PLANET OR STELLAR GROUP THAT SHALL BE NAMED BY THE UNITED FEDERATION OR STAR FLEET AS UNDER QUARANTINE OR CULTURAL EMBARGO, UNLESS SUCH CONTACT IS WARRANTED BY GENERAL ORDERS 1 THROUGH 5.
- 10** AN OFFICER OF STAR FLEET IS RESPONSIBLE UNDER THE LAWS AND REGULATIONS OF THE UNITED FEDERATION, ITS MEMBER PLANETS, AND ITS AGENTS INCLUDING STAR FLEET; AND IS SUBJECT TO INTERNAL DISCIPLINE AND/OR PROSECUTION BY EXTERNAL AUTHORITIES FOR ANY VIOLATION OF SAID LAWS AND REGULATIONS.
- 11** AN OFFICER OF STAR FLEET SHALL HONOR THE TREATIES AND AGREEMENTS OF THE UNITED FEDERATION AND ITS MEMBER PLANETS, AND SHALL PROVIDE ANY AID OR SUCCOR THAT IS LAWFULLY REQUIRED BY THE SIGNATORIES OF SAID TREATIES AND AGREEMENTS.
- 12** IT IS THE DUTY OF AN OFFICER TO PROVIDE ANY AID AND ASSISTANCE THAT IS REQUIRED BY A PLANETARY CIVILIZATION IN A TIME OF CRISIS, PROVIDING SAID PLANET IS NOT PROTECTED UNDER GENERAL ORDER 1, AND THAT SUCH AID DOES NOT CONFLICT WITH GENERAL ORDERS 2 THROUGH 5.

- 13** AS LONG AS HE WEARS THE UNIFORM OF STAR FLEET, AN OFFICER SHALL NOT PROVIDE AID OR INFORMATION TO, NOR OTHERWISE ASSIST, THE ENEMIES OF THE UNITED FEDERATION; OR ANY BEINGS OR GROUP OF BEINGS POTENTIALLY DANGEROUS TO THE SECURITY OF THE UNITED FEDERATION, ITS MEMBER PLANETS, OR ITS AGENTS.
- 14** AN OFFICER OF STAR FLEET SHALL NOT ACT OR CONDUCT HIMSELF IN AN UNSEEMLY OR DISORDERLY FASHION; NOR IN ANY MANNER OFFENSIVE OR ANNOYING TO OTHER BEINGS.
- 15** AN OFFICER MAY BE RELIEVED OF DUTY AT ANY TIME IF FOUND TO BE MEDICALLY OR PSYCHOLOGICALLY UNFIT BY THE SHIP'S CHIEF MEDICAL OFFICER; OR BY A COMPETENCY REVIEW BOARD, COMPOSED OF NOT LESS THAN TWO OFFICERS OF COMMAND GRADE.
- 16** AN OFFICER MAY BE TRIED AND SENTENCED BY A COURT-MARTIAL BOARD, COMPOSED OF NOT LESS THAN THREE OFFICERS OF COMMAND GRADE, FOR CRIMES COMMITTED IN VIOLATION OF STAR FLEET GENERAL ORDERS OR FEDERATION LAWS AND MANDATES.
- 17** IN THE ABSENCE OF THE COMMANDING OFFICER, OR IF THE COMMANDING OFFICER IS KILLED, INCAPACITATED, OR DEEMED UNFIT TO COMMAND, THE HIGHEST RANKING OFFICER, EVEN IF NOT OF THE SHIP'S REGULAR COMPLEMENT, SHALL ASSUME COMMAND.
- 18** IT IS FORBIDDEN FOR AN OFFICER TO INSTIGATE, OR OTHERWISE PARTICIPATE IN, A MUTINY AGAINST SUPERIOR OFFICERS ABOARD A FEDERATION VESSEL, REGARDLESS OF THE ACTIONS OF SAID SUPERIORS. MUTINY INCURS EQUAL CULPABILITY AS A VIOLATION OF GENERAL ORDER 4.
- 19** AN OFFICER IS PROHIBITED FROM USING ANY MOOD-ALTERING SUBSTANCE WHILE ON DUTY OR DURING ALERT STATUS, OR IN A QUANTITY DEEMED EXCESSIVE, INCLUDING BUT NOT LIMITED TO: HALLUCINOGENICS, TRANQUILIZERS, STIMULANTS, ETHYL ALCOHOL, NICOTINE, AND CANNABIS PRODUCTS. JUDICIOUS QUANTITIES OF SUCH SUBSTANCES MAY BE USED DURING OFF-DUTY PERIODS, OR AS PRESCRIBED BY A PHYSICIAN.
- 20** STAR FLEET VESSELS SHALL PROVIDE ANY AID AND ASSISTANCE THAT IS REQUIRED BY PRIVATE AND COMMERCIAL VESSELS OF UNITED FEDERATION REGISTRY; AND ARE EMPOWERED TO TAKE DISCIPLINARY OR OFFENSIVE ACTION AGAINST ANY VESSEL OPERATING IN VIOLATION OF FEDERATION REGULATIONS, OR AGAINST HOSTILE VESSELS OPERATING WITHIN THE TERRITORIAL BOUNDARIES OF THE UNITED FEDERATION.
- 21** NO FEDERATION VESSEL IS PERMITTED TO TRANSPORT ANY CARGO OR SUBSTANCE THAT SHALL BE NAMED BY THE UNITED FEDERATION AS ILLEGAL, OR IN A QUANTITY DEEMED ILLEGAL; NOR ANY WEAPON OR DESTRUCTIVE DEVICE NOT REGISTERED WITH THE FEDERATION BUREAU OF COMMERCE; NOR ANY LIFE FORM KNOWN TO BE HARMFUL OR DESTRUCTIVE TO OTHER LIFE FORMS OR ECOLOGIES. STAR FLEET VESSELS ARE EMPOWERED TO BOARD AND SEARCH ANY VESSEL SUSPECTED OF TRANSPORTING CONTRABAND, AND TO SEIZE SUCH CONTRABAND AS EVIDENCE.
- 22** WHEN CONTACTING A PLANET NOT MAKING NORMAL PROGRESS OR DEVELOPMENT, OR A PLANETARY CULTURE GOVERNED, OR OTHERWISE CONTROLLED, BY NON-INDIGENOUS BEINGS, AN OFFICER MAY MAKE SUCH CHANGES IN THE SOCIAL STRUCTURE OF SAID PLANET AS ARE WARRANTED TO GUIDE IT ON A NORMAL COURSE TOWARD A TECHNOLOGICAL CIVILIZATION. ANY MISUSE OF GENERAL ORDER 22 INCURS EQUAL CULPABILITY AS A VIOLATION OF GENERAL ORDER 1.
- 23** THE DESTRUCTION OF AN INTELLIGENT BEING OR BEINGS IS PERMISSABLE ONLY TO PREVENT A VIOLATION OF GENERAL ORDER 1, AND ONLY AS THE SOLE MEANS OF PREVENTING SUCH A VIOLATION. ANY MISUSE OF GENERAL ORDER 23 INCURS EQUAL CULPABILITY AS A VIOLATION OF GENERAL ORDER 2.
- 24** THE DESTRUCTION OF ALL INTELLIGENT LIFE ON A PLANET'S SURFACE IS PERMISSABLE ONLY IN CASES OF GROSS VIOLATION OF GENERAL ORDER 1 BY THE INHABITANTS OF SAID PLANET, AND SUCH ACTION MAY BE ORDERED ONLY BY A COMMAND OFFICER OF CAPTAIN GRADE OR HIGHER. SAID OFFICER ASSUMES SOLE RESPONSIBILITY FOR THIS ORDER, AND ANY MISUSE OF GENERAL ORDER 24 INCURS EQUAL CULPABILITY AS A VIOLATION OF GENERAL ORDER 1.



**STARSHIP COMMAND**



**PERSONNEL**

# OFFICERS

## U.S.S. ENTERPRISE PERSONNEL



### COMMAND



CAPT. KIRK  
CMDR. DECKER  
LT. CMDR. SULU  
LT. RYAN  
LT. LESLIE  
LT. HANSEN  
LT. RHADA

COMMANDING OFFICER  
EXECUTIVE OFFICER  
CHIEF HELMSMAN  
HELMSMAN  
HELMSMAN  
HELMSMAN  
HELMSMAN

SC 937-0176 CEC  
EC 948-885  
CHC 173-950  
HC 174-199  
HC 205-787  
HC 433-089  
HC 493-595



### OPERATIONS



LT. CMDR. DiFALCO  
LT. ILIA  
LT. FARREL  
LT. DePAUL  
LT. AREX  
LT. CLAYTON  
LT. BRENT  
LT. JOHNSON  
LT. STILES  
LT. CMDR. UHURA  
LT. JOSEPHS  
LT. PALMER  
LT. MARTINE-TELLER  
LT. M'RESS

CHIEF NAVIGATOR  
NAVIGATION OFFICER  
NAVIGATION OFFICER  
NAVIGATION OFFICER  
NAVIGATION OFFICER  
CHIEF PILOT  
ORDNANCE OFFICER  
ORDNANCE OFFICER  
ORDNANCE OFFICER  
CHIEF OF COMMUNICATIONS  
COMMUNICATIONS OFFICER  
COMMUNICATIONS OFFICER  
COMMUNICATIONS OFFICER  
COMMUNICATIONS OFFICER

CNC 146-892  
NC 987-879  
NC 195-058  
NC 255-288  
NC 887-057  
CPC 980-711  
OC 247-276  
OC 251-709  
OC 978-497  
CCE 540-621  
CE 605-760  
CE 873-155  
CE 974-276  
CE 988-813



### SCIENCES



CMDR. SPOCK  
LT. XON  
LT. HADLEY  
LT. JAEGER

LT. NOEL  
LT. BOMA  
LT. RODRIGUEZ  
LT. PALAMAS  
LT. MOREAU  
LT. RAWLINS  
LT. PHILLIPS  
LT. MULHALL

SCIENCE OFFICER  
ASS'T SCIENCE OFFICER  
CHIEF SCIENTIST  
SCIENTIST (GEOLOGIST/METEOROLOGIST/  
GEOPHYSICIST)  
SCIENTIST (CHIEF PSYCHIATRIST)  
SCIENTIST (CHIEF ASTROPHYSICIST)  
SCIENTIST (CHIEF BOTANIST)  
SCIENTIST (ARCHAEOLOGIST/ANTHROPOLOGIST)  
SCIENTIST (CHIEF CHEMIST)  
SCIENTIST (CHIEF GEOLOGIST)  
SCIENTIST (ASTROBIOLOGIST)  
SCIENTIST (CHIEF ASTROBIOLOGIST)

S 179-276 SP  
AS 409-671  
CST 985-089  
ST 066-783  
ST 113-414  
ST 163-024  
ST 245-487  
ST 608-560  
ST 622-241  
ST 646-718  
ST 686-956  
ST 942-952

## MEDICAL



CMDR. McCOY  
LT. CMDR. CHAPEL  
LT. CMDR. HARRISON  
LT. CMDR. M'BENGA  
LT. CMDR. SANCHEZ

CHIEF SURGEON  
DOCTOR (SURGEON)  
DOCTOR (PATHOLOGIST)  
DOCTOR (SURGEON)  
DOCTOR (SURGEON)

SM 357-977  
M 286-198  
M 255-375  
M 324-004  
M 968-671

## ENGINEERING



CMDR. SCOTT  
LT. CMDR. DeSALLE  
LT. MASTERS  
LT. SINGH  
LT. ELLIOTT  
LT. WASHBURN  
LT. RAND  
LT. KYLE  
LT. O'NEIL  
LT. BRIEL

CHIEF ENGINEER  
ASS'T CHIEF ENGINEER  
ENGINEERING OFFICER  
ENGINEERING OFFICER  
ENGINEERING OFFICER  
ENGINEERING OFFICER  
TRANSPORTER CHIEF  
TRANSPORTER OFFICER  
TRANSPORTER OFFICER  
CHIEF MESS OFFICER

SE 197-514  
AE 244-596  
E 123-320  
E 342-413  
E 846-018  
E 934-851  
CTE 080-495  
TE 818-617  
TE 897-632  
CME 013-461

## SECURITY



LT. CHEKOV  
LT. KELOWITZ  
LT. OSBORNE  
LT. ROWE  
LT. SHEA  
LT. LEMLI  
LT. NORED  
LT. DICKERSON

CHIEF OF SECURITY  
SECURITY OFFICER  
SECURITY OFFICER  
SECURITY OFFICER  
SECURITY OFFICER  
SECURITY OFFICER  
SECURITY OFFICER  
SECURITY OFFICER

CSE 658-749  
SYE 086-887  
SYE 113-222  
SYE 136-116  
SYE 205-090  
SYE 298-047  
SYE 316-180  
SYE 596-872

# KIRK

## JAMES TIBERIUS



### CAPTAIN

SERIAL NUMBER: SC 937-0176 CEC  
OFFICIAL POSITION: COMMANDING OFFICER  
CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

#### COMMENDATIONS AND AWARDS OF VALOR:

PALM LEAF OF AXANAR PEACE MISSION  
GRANKITE ORDER OF TACTIC, CLASS OF EXCELLENCE  
PRENTARES RIBBON OF COMMENDATION, CLASSES FIRST AND SECOND  
MEDAL OF HONOR  
SILVER PALM, WITH CLUSTER  
STAR FLEET CITATION FOR GALLANTRY  
KARAGITE ORDER OF HEROISM  
THREE TIMES WOUNDED, HONOR ROLE

AGE: 36  
NATIONALITY: TERRAN  
PLACE OF BIRTH: IOWA - UNITED STATES - EARTH  
DATE OF BIRTH: STARDATE 1277.1 (OLD CALENDAR--26 MARCH 2229)  
HISTORY:

ENTERED THE STAR FLEET ACADEMY AS A MIDSHIPMAN AT AGE 17. MAJORED IN INTERPLANETARY RELATIONS UNDER PROFESSOR JOHN GILL, AND WHILE A CADET PARTICIPATED IN THE AXANAR PEACE MISSION. SWITCHED TO THE STARSHIP TRAINING PROGRAM, FINISHED IN THE TOP 5% OF HIS CLASS. ASSIGNED TO TRAINING VESSEL U.S.S. REPUBLIC WITH THE RANK OF ENSIGN. PREVENTED A NEAR-FATAL EXPLOSION ABOARD SHIP, AND WAS SUBSEQUENTLY PROMOTED TO LIEUTENANT. AT AGE 21, GIVEN HIS FIRST DEEP SPACE ASSIGNMENT ABOARD HEAVY CRUISER U.S.S. FARRAGUT UNDER CAPTAIN GARROVICK: MADE THE INITIAL PLANETARY SURVEY OF NEURAL. COMMENDATION FOR BRAVERY ON TYCHO IV, WHERE HALF THE CREW WAS KILLED BY A CLOUD CREATURE. ASSIGNED AS EXECUTIVE OFFICER TO DESTROYER U.S.S. ALEXANDER WITH RANK OF LT. COMMANDER AT AGE 27. RECEIVED COMMAND WHEN THE CAPTAIN WAS KILLED IN A BATTLE WITH THE KLINGONS, AWARDED THE MEDAL OF HONOR, AND PROMOTED TO CAPTAIN. AT AGE 30, HE REPLACED FLEET CAPTAIN PIKE AS THE COMMANDING OFFICER OF THE U.S.S. ENTERPRISE, THE YOUNGEST ACADEMY GRADUATE EVER TO BE ASSIGNED AS A STARSHIP COMMAND CAPTAIN. PROMOTED THREE GRADES TO ADMIRAL IN 2265, FOLLOWING THE SUCCESSFUL FIVE-YEAR MISSION OF THE ENTERPRISE. ASSIGNED TO STAR FLEET HEADQUARTERS, TERRA, AS CHIEF OF FLEET OPERATIONS. RETURNED TO COMMAND OF THE ENTERPRISE ON STARDATE 7412.3



PERSONAL:

UNMARRIED. FATHER IS DECEASED, MOTHER IS ALIVE ON EARTH. BROTHER, RESEARCH BIOLOGIST GEORGE SAMUEL KIRK, AND HIS FAMILY WERE KILLED BY THE FLYING PARASITES ON DENEVA, STARDATE 3287. A NEPHEW (PETER, AGE 13) IS LIVING WITH HIS GRANDMOTHER. AT AGE 14, JAMES KIRK WAS VISITING RELATIVES ON TARSUS IV WHEN KODOS THE EXECUTIONER INVOKED MARTIAL LAW AND SLAUGHTERED 2000 COLONISTS; HE IS ONE OF TWO SURVIVING WITNESSES. SIGNIFICANT ROMANCES IN KIRK'S PAST INCLUDE RUTH BONNE, AN ASSISTANT PROFESSOR AT THE ACADEMY; LT. AREEL SHAW, AN ATTORNEY IN THE JUDGE ADVOCATE'S OFFICE AT STAR BASE 11; DR. JANET WALLACE, AN ENDOCRINOLOGIST HE MET ON EARTH; RESEARCH PLANETOLOGIST JANICE WALLACE, NOW UNDERGOING PSYCHOTHERAPY; AND MIRAMANEE, A DESCENDANT OF ANCIENT AMERICAN INDIANS HE MET ON THE PLANET AMERIND.

MEDICAL:

KIRK CONTRACTED VEGAN CHORIOMENINGITIS FOURTEEN YEARS AGO, AND STILL CARRIES THE MICROORGANISMS IN HIS BLOOD. HE HAS SUFFERED ALSO FROM DRAMIAN PLAGUE (STARDATE 5276) AND RIGELLIAN FEVER (5843). HE IS CURRENTLY IN EXCELLENT PHYSICAL HEALTH, AND SPENDS MUCH OF HIS LEISURE TIME IN THE SHIP'S GYMNASIUM AND EXERCISING IN NULL-GRAVITY. IN SPITE OF THIS, HE HAS A TENDENCY TO BECOME OVERWEIGHT, AND IS PERIODICALLY PUT ON A SPECIAL DIET BY THE SHIP'S SURGEON.

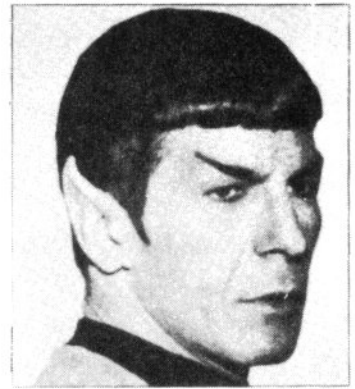
KIRK HAS A DEEP-SEATED (BORDERING ON THE NEUROTIC) ATTACHMENT TO DUTY, AND HIS VESSEL, A FACTOR WHICH HAS CONTRIBUTED SUBSTANTIALLY TO HIS AUTHORITY QUOTIENT OF 97+ AND HIS CONSISTENTLY EXCELLENT SERVICE RECORD. HIS CHIEF PSYCHOLOGICAL PROBLEM IS THE EXPRESSION OF NORMAL HUMAN EMOTIONS, WHICH HE FINDS ALMOST IMPOSSIBLE DUE TO THE BARRIER THAT HE HAS CONSTRUCTED BETWEEN HIMSELF AND HIS CREW.

PHYSICAL DATA:

WEIGHT--72 KILOS  
HEIGHT--180 CM  
HAIR--LIGHT BROWN  
EYES--HAZEL

# SPOCK

## XTMPRSZNTWLF



### COMMANDER

SERIAL NUMBER: S 179-276 SP  
OFFICIAL POSITION: SCIENCE OFFICER  
CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

COMMENDATIONS: VULCAN SCIENTIFIC LEGION OF HONOR  
AWARD OF VALOR  
TWICE DECORATED BY STAR FLEET COMMAND

AGE: 40

NATIONALITY: VULCANIAN

PLACE OF BIRTH: SHIKAHR - SAS-A-SHAR - VULCAN

DATE OF BIRTH: STARDATE 1272.7 (OLD CALENDAR--26 MARCH 2225)

HISTORY: ENTERED THE STAR FLEET ACADEMY AT AGE 17, AND COMPLETED THE REQUIRED COURSES IN THREE YEARS WITH CONSISTENTLY EXCELLENT REPORTS. ELECTED TO REMAIN AT THE ACADEMY (WITH THE RANK OF LIEUTENANT JUNIOR GRADE) FOR AN ADDITIONAL FIVE YEARS WHILE DOING POST-GRADUATE WORK IN COMPUTER SCIENCE AND ALIEN CULTURES. VISITED SEVERAL PLANETS, INCLUDING EARTH. UPON GRADUATION (AT AGE 25) RECEIVED THE RANK OF LIEUTENANT SENIOR GRADE AND ASSIGNMENT TO THE U.S.S. ENTERPRISE AS SCIENCE OFFICER AND SECOND OFFICER. HE SERVED ABOARD THE ENTERPRISE UNDER CAPTAIN CHRISTOPHER PIKE FOR ELEVEN YEARS AND FOUR MONTHS: HE WAS INJURED ON RIGEL VII, AND PARTICIPATED IN THE INITIAL TALOS IV CONTACT. PROMOTED TO LT. COMMANDER AND FIRST OFFICER WHEN CAPTAIN JAMES KIRK TOOK COMMAND OF THE ENTERPRISE. RECEIVED PROMOTION TO FULL COMMANDER AFTER SERVING TWO YEARS WITH CAPTAIN KIRK. RESIGNED HIS STAR FLEET COMMISSION IN 2265, WHEN CAPTAIN KIRK LEFT THE ENTERPRISE TO BECOME CHIEF OF FLEET OPERATIONS. COMMISSION RE-ACTIVATED ON STARDATE 7412.6

PERSONAL: PRESENTLY UNATTACHED; HIS AFFIANCED WIFE, T'PRING, CHOSE TO DIVORCE HIM DURING THE KOON-UT-KALI-FI CEREMONY. HIS FATHER, SAREK (RETIRED AMBASSADOR AND PHYSICIST, NOW AGE 105), AND HIS TERRAN MOTHER, AMANDA GRAYSON (AGE 61, FORMERLY A SCHOOLTEACHER) ARE BOTH LIVING ON VULCAN. TORN BETWEEN HIS VULCAN AND HUMAN HALVES UNTIL AGE 7, SPOCK CHOSE THE LATTER WHEN HIS COUSIN SELEK SAVED HIS LIFE DURING THE KAHS-WAN ORDEAL. WITHIN THE YEAR, HE WAS JOINED BY LAW, TRADITION AND THE VULCAN MIND TOUCH TO T'PRING. SAREK WISHED HIS SON TO ENTER THE VULCAN ACADEMY OF SCIENCES, BUT SPOCK (REALIZING THAT HE WOULD BE OUT OF PLACE ON EITHER VULCAN OR EARTH) ENROLLED INSTEAD IN THE STAR FLEET ACADEMY. THIS ACT ALIENATED SPOCK TO HIS FATHER, AND THEY DID

NOT SPEAK AGAIN UNTIL THE BABEL INCIDENT OF STARDATE 3842 (Q.V.) SPOCK IS AN EXPERT AT THREE-DIMENSIONAL CHESS, AND WAS AWARDED SECOND PLACE IN THE ALL-VULCAN MUSIC COMPETITION WITH THE LYRETTE. HE HOLDS AN A-7 COMPUTER EXPERT CLASSIFICATION. AFTER EIGHT MONTHS AS DIRECTOR OF THE VULCAN ACADEMY OF SCIENCES, SPOCK ELECTED TO BECOME A CANDIDATE FOR THE KOHLINAH (Q.V.)

IN VULCANUR, THE LOW VULCAN LANGUAGE, THE NAME SPOCK DESIGNATES 'A MALE WHO COMMUNICATES A BLENDED TRADITION,' WITH CONNOTATIONS OF 'FOUNDER OF DYNASTIES.' SPOCK'S LINEAL OR DYNASTIC NAME IS XTMPRSZNLFD, SEXISYLLABIC, ALTHOUGH IT WOULD NEVER BE USED AMONG OUTWORLDERS. HIS PATRONYMIC, WHICH PRECEDES THE PROPER NAME ON FORMAL OCCASIONS, IS SAREKU.

MEDICAL:

PHYSIOLOGICALLY, SPOCK RESEMBLES A VULCAN MUCH MORE THAN A TERRAN, HIS HUMAN ANCESTRY AFFECTING CHIEFLY HIS INTERNAL ANATOMY AND HIS BLOOD COMPOSITION (T-NEGATIVE, BUT WITH HUMAN FACTORS). HIS APPEARANCE, STRENGTH, RESISTANCE TO PAIN, PULSE, RESPIRATION, ETC. ARE ALL NEAR VULCAN NORMAL. HE RECEIVED A NEAR-FATAL WOUND FROM A PRIMITIVE FIREARM ON THE PLANET NEURAL (STARDATE 4211), AND HAS SUFFERED FROM SEVERE CHORIOCYTOSIS (6334). HIS BRAIN WAS REMOVED BY NATIVES OF SIGMA DRACONIS VI (5431), BUT THE SAME ADVANCED SURGICAL TECHNIQUES LATER ENABLED IT TO BE RESTORED TO THE BODY. A FLYING PARASITE ON DENEVA USED SPOCK AS A HOST (3289), CAUSING HIM EXTREME PAIN; THE CREATURE WAS EVENTUALLY DESTROYED, WITH ONLY TEMPORARY DAMAGE TO THE RETINAS.

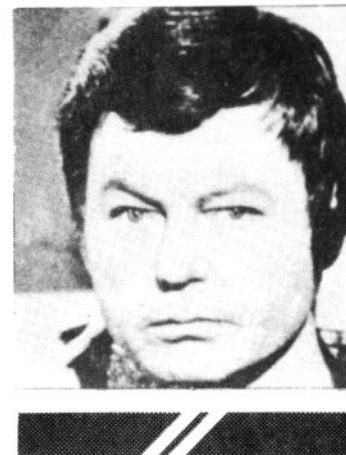
AS ONE OF VERY FEW INTERSPECIES HYBRIDS SURVIVING TO ADULthood, SPOCK IS ALMOST A TEXTBOOK EXAMPLE OF A TERRO-VULCAN SCHIZOID. HE DISPLAYS CHARACTERISTICS OF BOTH RACES, ALTHOUGH HIS PSYCHOLOGICAL OUTLOOK IS THAT OF A VULCAN. VULCANS ROUTINELY KEEP THEIR PRIMITIVE EMOTIONAL IMPULSES IN CHECK THROUGH A PROCESS KNOWN AS PARASYMPATHOMIMETIC SUBLIMATION, BUT SPOCK'S GLANDULAR SYSTEM, UNLIKE THAT OF A PURE VULCAN WHICH HAS ATROPHIED THROUGH MILLENIA OF CEREBRAL CONTROL OVER HOMEOSTATIC FUNCTIONS, RESEMBLES THE COMPLEX SYSTEM OF HORMONAL CHECKS AND BALANCES FOUND IN TERRANS, AND HE IS LIKELY TO RESPOND ATYPICALLY TO CONDITIONS OF STRESS OR ANXIETY. SPOCK HAS A PERFECT EFFICIENCY RATING, NOT UNUSUAL FOR VULCANS, BUT INDICATIVE OF THE STRICT RESTRAINT HE HAS DEVELOPED OVER HUMAN PERSONALITY FACTORS.

PHYSICAL DATA:

WEIGHT--75 KILOS  
HEIGHT--183 CM  
HAIR--DARK BROWN  
EYES--BROWN

# McCOY

## LEONARD HORATIO, M.D.



### COMMANDER

SERIAL NUMBER: SM 357-977  
OFFICIAL POSITION: CHIEF SURGEON  
CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

COMMENDATIONS: LEGION OF HONOR  
AWARD OF VALOR  
DECORATED BY STAR FLEET SURGEONS

AGE: 47

NATIONALITY: TERRAN

PLACE OF BIRTH: GEORGIA - UNITED STATES - EARTH

DATE OF BIRTH: STARDATE 1265.3 (OLD CALENDAR--20 JANUARY 2218)

HISTORY: RECEIVED MEDICAL TRAINING AS A GENERAL PRACTITIONER AT THE UNIVERSITY OF GEORGIA AND JOHNS HOPKINS, DOCTORATE IN 2240. INTERNEED AT ATLANTA GENERAL FOR TWO YEARS, AND CONTINUED AS A STAFF PHYSICIAN FOR THREE ADDITIONAL YEARS. APPLIED FOR A STAR FLEET COMMISSION AT AGE 27, AND SPENT TWO YEARS AT THE ACADEMY STUDYING SPACE MEDICINE. AS AN ADVANCED INTERN IN THE FEDERATION MEDICAL ASSISTANCE PROGRAM, McCOY LED MASS-INOCULATION TEAMS TO ILYRA VI AND DRAMIA II. HE WAS LATER HELD RESPONSIBLE FOR AN OUTBREAK OF PLAGUE ON DRAMIA II, BUT WAS CLEARED OF ALL CHARGES ON STARDATE 5276. AFTER COMPLETING HIS INTERNSHIP, HE SERVED AS A SURGEON-TRAINEE ABOARD THE HEAVY CRUISER U.S.S. HOOD WITH THE BREVET RANK OF LT. COMMANDER. AFTER TWO YEARS, DIS-AGREEMENTS WITH THE CHIEF SURGEON PROMPTED HIS TRANSFER TO THE STAR FLEET SURGEON GENERAL'S OFFICE, WHERE HE REMAINED FOR SIX YEARS. AS A CULTURAL OBSERVER, HE VISITED CAPELLA IV, BETA PORTALAN II, AND URSULA IX, AND RECOMMENDED THE QUARANTINE OF VENDOR TO THE FEDERATION COUNCIL. AS A MEDICAL ADVISOR, HE OBTAINED A SECOND DOCTORATE IN PATHOLOGY, AND WROTE SEVERAL BOOKS ON THE SUBJECT. APPLIED FOR STARSHIP DUTY AT AGE 37, AND WAS ASSIGNED AS A REPLACEMENT SURGEON TO HEAVY CRUISER U.S.S. ENTERPRISE FOLLOWING THE DEATH OF CHIEF SURGEON BOYCE. RECEIVED FULL PROMOTION TO LT. COMMANDER AFTER TWO YEARS, AND FOUR YEARS LATER HE REPLACED MARK PIPER AS THE ENTERPRISE'S CHIEF MEDICAL OFFICER. RESIGNED HIS STAR FLEET COMMISSION IN 2265. RETURNED TO THE ENTERPRISE WITH THE RANK OF COMMANDER UNDER A RESERVE ACTIVATION CLAUSE ON STARDATE 7412.1

PERSONAL: PRESENTLY UNMARRIED; HE DIVORCED HIS WIFE OF FOUR YEARS, HONEY, SHORTLY BEFORE ENTERING STAR FLEET. BOTH PARENTS ARE DECEASED, NO SIBLINGS. DAUGHTER JOANNA, AGE 23, IS A NURSE ON NEW PARIS, AND WAS

LIVING ON CEREBUS II TEN YEARS AGO WHEN THE CROP FAILURE OCCURRED. HER MOTHER WAS KILLED IN THE FOOD RIOTS. JOANNA IS MARRIED, AND HAS TWO CHILDREN. McCOY WAS MARRIED BY NATIVE CEREMONY TO NATIRA, A HIGH PRIESTESS OF YONADA (STARDATE 5476), BUT THE MARRIAGE WAS ANULLED WHEN THE INSTRUMENT OF OBEDIENCE (Q.V.) WAS REMOVED. SIGNIFICANT ROMANCES IN McCOY'S PAST INCLUDE ARCHAEOLOGIST NANCY CRATER AND ENTERPRISE YEOMAN TONIA BARROWS: HE IS CURRENTLY LIVING WITH NURSE LYRA MAYER. ABOARD SHIP HE IS KNOWN AS "BONES," A CLIPPED FORM OF THE ANCIENT "SAWBONES."

MEDICAL:

McCOY IS IN EXCELLENT PHYSICAL AND MENTAL HEALTH. HE HAS HAD THE RARE AND ONCE FATAL DISEASE XENOPOLYCYTHEMIA (STARDATE 5476), AND WAS THE FIRST PATIENT TO FULLY RECOVER FROM THE DISEASE AFTER ANCIENT FABRINI TECHNIQUES WERE APPLIED. McCOY ALSO CONTRACTED A VIRUS ON THE PLANET MIRI (2713), AND AURORAL PLAGUE WHILE ON SUPPLY CALL ON DRAMIA (5276). HE WAS INSTRUMENTAL IN ISOLATING THE VACCINE IN BOTH CASES. McCOY WAS SEVERELY INJURED BY THE VIANS ON MINARA II (5121), BUT RECOVERED WITH THE AID OF A NATURAL EMPATH. AN OVERDOSE OF CORDRAZINE (3134) CAUSED McCOY TO ENTER A STATE OF WILD PARANOIA, IN WHICH HE FLED THROUGH A TIME PORTAL INTO EARTH'S PAST. THE EFFECTS EVENTUALLY WORE OFF. McCOY SUFFERS FROM ACUTE HAY FEVER, AND UNDERWENT A PARTICULARLY SEVERE ATTACK ON STARDATE 2712.

ALTHOUGH BESET WITH MORE THAN HIS SHARE OF TRAGEDIES, HIS OUTLOOK ON LIFE IS A HEALTHY ONE, AND HE BELIEVES IN LIVING EACH DAY TO ITS FULLEST. McCOY REACTS QUICKLY AND DECISIVELY, WITH AN ALMOST INTUITIVE ABILITY TO DIAGNOSE AND TREAT ILLNESS, ALTHOUGH HIS WORSHIPFUL REGARD FOR HUMAN LIFE OFTEN RESULTS IN HASTY AND EMOTIONALLY-CHARGED ACTION DURING A CRISIS SITUATION. HE TENDS TO OVER-EMPATHIZE WITH HIS PATIENTS, AND OFTEN HAS A PHYSICAL REACTION TO EXCESSIVE PAIN. McCOY'S DISTRUST OF TECHNOLOGY IS FAIRLY COMMON IN THE MEDICAL PROFESSION, AND WAS OBSERVED AS EARLY AS THE 20TH CENTURY ON EARTH. THIS DOES NOT AFFECT HIS PATIENT CARE

PHYSICAL DATA:

WEIGHT--71 KILOS  
HEIGHT--183 CM  
HAIR--BROWN  
EYES--HAZEL

# SCOTT

## MONTGOMERY EDWARD



### COMMANDER

SERIAL NUMBER: SE 197-514

OFFICIAL POSITION: CHIEF ENGINEER

CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

COMMENDATIONS: DECORATED TWICE BY STAR FLEET ENGINEERS

AGE: 43

NATIONALITY: TERRAN

PLACE OF BIRTH: ABERDEEN - SCOTLAND - EARTH

DATE OF BIRTH: STARDATE 1268.5 (OLD CALENDAR--3 MARCH 2222)

HISTORY: SHIPPED OUT AS A CREWMAN ABOARD A PRIVATE PROSPECTING VESSEL AT AGE 15, AND SOON PROMOTED TO ASSISTANT ENGINEER. HIRED AS AN IMPULSE ENGINEER BY THE RIGEL TRI-PLANETARY SHIPPING LINES, AND WORKED FOR FOUR YEARS ABOARD INTERPLANETARY LINERS AND CARGO VESSELS. ACCEPTED POSITION AS SENIOR ENGINEER ON THE DENEVA-ASTEROID BELT RUN, AND AT AGE 22 APPLIED FOR HIS WARP DRIVE PAPERS. SERVED HIS APPRENTICESHIP ABOARD FREIGHTER S.S. GLASGOW, AND AFTER TWO YEARS ENTERED THE MERCHANT MARINE AS A CERTIFIED TACHYON ENGINEER. ASSIGNED AS 2ND ENGINEER TO SCIENCE-PROBE VESSEL U.S.S. DENEK QUEEN, AND AT THE END OF ITS FIVE-YEAR SURVEY MISSION, OFFERED A POSITION WITH THE EARTH-BASED COCHRANE TACHYONICS CORPORATION. ELECTED TO ENTER THE ACADEMY INSTEAD, AND AFTER THE REQUIRED TWO YEARS, STAYED ON FOR A SEMESTER AS AN INSTRUCTOR. SEVERAL OF HIS ENGINEERING TEXTS HAVE SINCE BECOME STANDARD REFERENCE WORKS. ASSIGNED AS AN ENGINEERING SPECIALIST WITH RANK OF ENSIGN TO DESTROYER U.S.S. POMPEY; QUICKLY ADVANCED TO LIEUTENANT, AND AS AN ENGINEERING OFFICER SERVED ABOARD TRANSPORT U.S.S. THALES AND DESTROYER U.S.S. SALADIN, AND FINALLY HEAVY CRUISER U.S.S. ENTERPRISE. FOUR YEARS LATER, AT AGE 38, HE REPLACED CMDR. PITCAIRN AS CHIEF ENGINEER.

SCOTT WAS ARRESTED BY AUTHORITIES ON ARGELIUS II FOR THE MURDER OF THREE WOMEN (STARDATE 3614), BUT WAS LATER ACQUITTED.

PERSONAL: UNMARRIED. FATHER AND MOTHER ARE STILL LIVING IN GREATER EDINBURGH, NO SIBLINGS. SCOTT'S FIRST AND CONSUMING PASSION IS FOR ENGINEERING, AND HE SPENDS MOST OF HIS OFF-DUTY TIME TINKERING WITH THE SHIP'S ENGINES. HE HAS A THOROUGH KNOWLEDGE OF ALL CONTROL AND SUPPORT SYSTEMS ABOARD A STARSHIP, AND HAS MADE FREQUENT CONTRIBUTIONS TO STAR FLEET TECHNICAL JOURNALS IN THESE AREAS. HE ALSO COLLECTS RARE AND EXOTIC ALCOHOLIC BEVERAGES, AND OWNS ONE OF THREE EXISTING BOTTLES OF PRE-EUGENICS WARS GALLO WINE. SIGNIFICANT ROMANCES IN



SCOTT'S PAST INCLUDE LT. CAROLYN PALAMAS, THE SHIP'S CHIEF ANTHROPOLOGIST; AND LT. MIRA ROMAINE, WHOSE FATHER, JACQUES, WAS 1ST ENGINEER ABOARD THE DENEb QUEEN.

MEDICAL:

SCOTT WAS KILLED BY NOMAD (Q.V.) ON STARDATE 3541, BUT THE MACHINE WAS ABLE TO REPAIR THE INTERNAL DAMAGE AND RETURN HIM TO LIFE. HE WAS GIVEN A POWERFUL ELECTRIC SHOCK BY A BEING ON POLLUX IV (3468), WITH MINOR SURGERY REQUIRED TO REPLACE HEART TISSUE. EXPOSED TO A LETHAL FORM OF RADIATION ON GAMMA HYDRA IV (3478), HE DEVELOPED THE SYMPTOMS OF RAPID AGING, BUT THE DETERIORATION WAS REVERSED BY ADRENALIN THERAPY. HE RECEIVED A MINOR CONCUSSION IN AN EXPLOSION ABOARD SHIP THAT THREW HIM AGAINST A BULKHEAD (3614). SCOTT SUFFERS FROM HYPERTENSION, AGGRAVATED BY THE SELF-IMPOSED RIGORS OF HIS POSITION, AND HIS ERRATIC BLOOD PRESSURE MUST BE REGULATED BY AN ARTERIAL IMPLANT. EXERCISING STRICT SELF-CONTROL WHILE ON DUTY, SCOTT STORES UP HIS EMOTIONAL OUTBURSTS FOR DRINKING SESSIONS WITH THE SHIP'S CHIEF SURGEON AND INFREQUENT SHORE LEAVES. HE IDENTIFIES STRONGLY WITH THE ENTERPRISE'S ENGINES, A QUALITY WHICH HAS PROVEN VALUABLE WHEN THE LIVES OF 430 CREWMEMBERS DEPEND UPON THEIR OPERATION. HE HAS REPEATEDLY REFUSED A CAPTAINCY OF HIS OWN, PREFERRING TO LEAVE THE RESPONSIBILITIES OF COMMAND TO OTHERS.

PHYSICAL DATA:

WEIGHT--75 KILOS  
HEIGHT--178 CM  
HAIR--DARK BROWN  
EYES--HAZEL



# SULU

## HIKARU ITAKA



### LT. COMMANDER

SERIAL NUMBER: CHC 173-950

OFFICIAL POSITION: CHIEF HELMSMAN

CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:

GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

COMMENDATIONS: LEGION OF HONOR  
DECORATED TWICE BY STAR FLEET ORDNANCE DIVISION

AGE: 35

NATIONALITY: TERRAN

PLACE OF BIRTH: TOKYO - JAPAN - EARTH

DATE OF BIRTH: STARDATE 1278.4 (OLD CALENDAR--24 JUNE 2230)

HISTORY: ENTERED STAR FLEET ACADEMY AT AGE 17, MAJORED IN SPATIAL NAVIGATION. UPON GRADUATION IN 2250, ENROLLED IN THE TUFTS COLLEGE OF MILITARY SCIENCE, WHERE HE SPECIALIZED IN ASTROPHYSICS AND TACTICAL WEAPONRY. DEGREE CONFERRED IN 2254. AT AGE 25, PLACED ABOARD HEAVY CRUISER U.S.S. ESSEX AS RELIEF HELMSMAN WITH THE RANK OF LIEUTENANT JUNIOR GRADE. LEFT STAR FLEET IN 2256 FOR A POSITION AS CHIEF OF DEVELOPMENT OF DAYSTROM DUOTRONICS CORPORATION. RETURNED TO STAR FLEET AT AGE 31, PLACED ABOARD U.S.S. ENTERPRISE AS CHIEF ASTROPHYSICIST WITH THE RANK OF LIEUTENANT SENIOR GRADE. REPLACED LT. LEE KELSO AS SENIOR HELMSMAN ON STARDATE 1313, PROMOTED TO CHIEF HELMSMAN WITH THE RANK OF LIEUTENANT COMMANDER ON STARDATE 7318. SULU'S EXPERTISE WITH WEAPONS IS ALMOST UNPARALLELED WITHIN STAR FLEET, AND HIS EXCELLENT MARKSMANSHIP HAS SAVED THE ENTERPRISE ON NUMEROUS OCCASIONS. ALONG WITH THE ENTERPRISE'S SCIENCE OFFICER, HE WAS RESPONSIBLE FOR THE DEVELOPMENT OF THE ROMULAN PLASMA WEAPON INTO STANDARD PHOTON TORPEDOES.

PERSONAL: UNMARRIED. HIS MOTHER AND FATHER ARE BOTH LIVING IN SUPRA-TOKYO ON EARTH. NO SIBLINGS, DUE TO JAPANESE POPULATION CONTROL LAWS. SULU'S ANCESTRY IS A MISTURE OF JAPANESE, FILIPINO AND AMERICANGLO, ALTHOUGH HIS PHILOSOPHY AND OUTLOOK ON LIFE IS LARGELY DRAWN FROM THAT OF THE SAMURAI OF FEUDAL JAPAN. HE HAS HAD MANY SHORT-TERM HOBBIES, BUT HIS CONSISTENTS INTERESTS HAVE INCLUDED BOTANY, FENCING, MARTIAL ARTS AND ANCIENT WEAPONRY. HE IS AN EXPERT IN KATANA-TO-ASHI, THE MODERN MARTIAL ART WHICH COMBINES ANCIENT TERRO-EUROPEAN FENCING WITH KARATE. SULU WAS CAPTAIN OF THE ACADEMY FENCING TEAM THREE YEARS RUNNING.

MEDICAL: RECEIVED A SEVERE CASE OF FROSTBITE ON THE PLANET ALFA 177 (STARDATE 1672). CONTRACTED PSI 2000 VIRUS WHILE ORBITING THAT PLANET, AND ACCOSTED SEVERAL CREWMEMBERS WITH A FENCING FOIL BEFORE RECOVERING (1704). A BRIEF EXPOSURE TO A SPORIAL LIFE-FORM ON OMICRON CETI III

RESULTED IN THE DISAPPEARANCE OF A LARGE SCAR FROM THE SIDE OF HIS FACE (THE SCAR, NORMALLY HIDDEN BY COSMETICS, WAS CAUSED BY A MISHAP IN AN ACADEMY FENCING BOUT). BITTEN BY A RETLAW PLANT ON THE PLANET PHYLOS, AND WAS CURED BY ONE OF THE INHABITANTS (5554). FRACTURED HIS RIGHT LEG WHILE IN A MINIATURIZED STATE FROM EXPOSURE TO EPSILON RADIATION 95577). SUFFERED FROM DRAMEN AURORAL PLAGUE (5276), AND RIGELLIAN FEVER (5843).

PHYSICAL DATA:

WEIGHT--69 KILOS  
HEIGHT--175 CM  
HAIR--BLACK  
EYES--BROWN

# UHURA

## UPENDA NYOTA



### LT. COMMANDER

SERIAL NUMBER: CCE 540-621  
OFFICIAL POSITION: CHIEF OF COMMUNICATIONS  
CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

COMMENDATIONS: DECORATED BY STAR FLEET COMMUNICATIONS DIVISION

AGE: 32

NATIONALITY: TERRAN

PLACE OF BIRTH: KITUI PROVINCE - KENYA - EARTH

DATE OF BIRTH: STARDATE 1281.2 (OLD CALENDAR--19 JANUARY 2233)

HISTORY: EDUCATED AT THE UNIVERSITY OF KENYA, MAJORED IN COMMUNICATIONS WITH MINORS IN INTERSTELLAR RELATIONS AND AFRICAN LITERATURE. RECEIVED HER DEGREE AT AGE 22, AND APPLIED TO THE STAR FLEET COLLEGE OF COMMUNICATIONS IN 2256. STUDIED SPATIAL NAVIGATION, DUOTRONICS, AND CRYPTOGRAPHY UNDER LT. CMDR. BENJAMIN FINNEY. FOLLOWING HER GRADUATION (SUMMA CUM LAUDE) THREE YEARS LATER, PLACED ABOARD DESTROYER U.S.S. AHRIMAN AS JUNIOR COMMUNICATIONS OFFICER WITH THE RANK OF LIEUTENANT JUNIOR GRADE. PROMOTED TO FULL LIEUTENANT IN 2260 AFTER SUCCESSFULLY DECIPHERING A ROMULAN MICROPULSE CODE DURING A BORDER SKIRMISH. ASSIGNED TO HEAVY CRUISER U.S.S. ENTERPRISE AS ASSISTANT RECORDS OFFICER AT THE REQUEST OF CMDR. FINNEY. TRANSFERRED TO COMMUNICATIONS DIVISION ON STARDATE 1514, FOLLOWING THE PROMOTION OF LT. CMDR. ALDEN TO CHIEF OF COMMUNICATIONS. PROMOTED TO LT. COMMANDER AND CHIEF OF COMMUNICATIONS ON STARDATE 7318.

PERSONAL: UNMARRIED. FATHER, ALHAMISI, AND MOTHER, M'UMBHA, ARE BOTH LIVING ON EARTH. SHE HAS ONE BROTHER, DAVID, WHO IS A DOCTOR AT MAKERE UNIVERSITY IN KAMPALA. SHE IS AN ACCOMPLISHED SINGER, AND PLAYS MANY MUSICAL INSTRUMENTS, INCLUDING THE VULCAN LYRETTE AND THE EDOAN SESSICA. SHE HAS A STRONG INTEREST IN ANCIENT BALLADS AND OTHER ETHNO-MUSICAL WORKS, AS WELL AS THE USE OF MUSIC AS A MEANS OF COMMUNICATION BETWEEN RACES. SHE HOLDS AN A-11 COMPUTER EXPERT CLASSIFICATION.

IN HER NATIVE SWAHILI, HER FIRST NAME, UPENDA, MEANS "LOVE," AND HER LAST NAME, UHURU, MEANS "FREEDOM."

MEDICAL: UHURA IS IN EXCELLENT MENTAL AND PHYSICAL HEALTH. SHE FENCES REGULARLY IN THE SHIP'S GYMNASIUM, AND HOLDS THE RECORD FOR THE HUNDRED-METER DASH IN THE PAN-AFRICAN GAMES. SHE SUFFERED FROM SEVERE FROSTBITE WHEN AN ENVIRONMENTAL COMPUTER MALFUNCTIONED (STARDATE

3183), AS WELL AS FROM MINOR LACERATIONS ON THE PLANET TRISKELION (3211). RECEIVED PROLONGED EXPOSURE TO EPSILON RADIATION (5577), THE LONG-TERM EFFECTS OF WHICH ARE UNCERTAIN. UNDERWENT SEVERE BUT TEMPORARY PSYCHOLOGICAL TRAUMA DURING THE APPARENT DEATH OF CAPT. JAMES KIRK (5693). CONTRACTED DRAMEN AURORAL PLAGUE (5276), AND RIGELLIAN FEVER (5843).

PHYSICAL DATA:

WEIGHT--55 KILOS

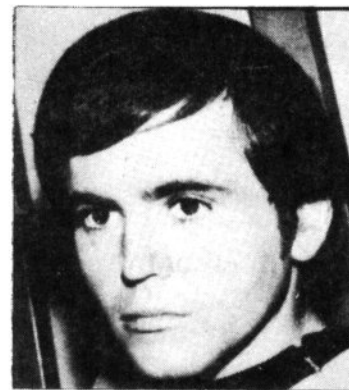
HEIGHT--161 CM

HAIR--BLACK

EYES--BROWN

# CHEKOV

## PAVEL ANDREIEVICH



### LT. COMMANDER

SERIAL NUMBER: CSE 658-749  
OFFICIAL POSITION: CHIEF OF SECURITY  
CURRENT ASSIGNMENT: U.S.S. ENTERPRISE  
STARSHIP CLASS  
NCC-1701

NATURE AND DURATION OF MISSION:  
GALAXY EXPLORATION AND INVESTIGATION:  
5 YEARS

AGE: 24  
NATIONALITY: TERRAN  
PLACE OF BIRTH: PUSHKINO - SOVIET UNION - EARTH  
DATE OF BIRTH: STARDATE 1290.7 (OLD CALENDAR--19 SEPTEMBER 2241)  
HISTORY:

ENTERED THE ACADEMY AT AGE 18 AS PART OF THE MOSKVA UNIVERSITY EX-CHANGE PROGRAM, TRANSFERRED AFTER HIS FIRST SEMESTER TO THE COMMAND TRAINING SCHOOL. RECEIVED HONORS IN SPATIAL NAVIGATION FROM HIS INSTRUCTOR, LT. AREX. GRADUATED CUM LAUDE, AND AT AGE 21 PLACED ABOARD THE U.S.S. ENTERPRISE AS ASSISTANT SCIENCE OFFICER WITH THE RANK OF ENSIGN. REASSIGNED AS 1ST NAVIGATOR ON STARDATE 3478. TO FURTHER HIS COMMAND TRAINING, CHEKOV WAS GIVEN 'HANDS ON' EXPERIENCE IN THE SCIENCES DIVISION, AS 2ND ORDNANCE OFFICER, AND AS A MEMBER OF NUMEROUS LANDING PARTIES. PROMOTED TO LIEUTENANT ON THE RECOMMENDATION OF HIS COMMANDING OFFICER, ASSIGNED AS EXECUTIVE OFFICER TO GALACTIC CRUISER U.S.S. LERMONTOV ON STARDATE 6019. RETURNED TO THE ENTERPRISE ON STARDATE 7808, REPLACING CMDR. GIOTTO AS CHIEF OF SECURITY.

PERSONAL: UNMARRIED. HIS PARENTS ARE BOTH LIVING IN MOSKVA ON EARTH, AND MOTHER, ARKADY IVANOVNA, SERVED AS SCIENCE OFFICER ABOARD HEAVY CRUISER U.S.S. POTEKIN FOR SIXTEEN YEARS. HIS ONLY SIBLING, A BROTHER PIOTR, DIED SHORTLY AFTER BIRTH IN AN AIR CAR ACCIDENT. CHEKOV HAS BEEN ROMANTICALLY INVOLVED TWICE: TO IRINA FYODOROVNA GALLIULINA, A CLASSMATE AT THE ACADEMY; AND LATER TO YEOMAN MARTHA LONDON, A CREWMEMBER ABOARD THE ENTERPRISE.

MEDICAL: CHEKOV IS IN EXCELLENT PHYSICAL AND MENTAL CONDITION. HE RECEIVED A FRACTURED SHOULDER AND SEVERAL PUNCTURE WOUNDS DURING GLADIATORIAL COMBAT ON THE PLANET TRISKELION (STARDATE 3211), AND SPENT SEVERAL WEEKS IN REGENERATION THERAPY TO REPLACE A DAMAGED LUNG. HIS IMMUNITY TO THE HYPERAGING RADIATION ON GAMMA HYDRA IV LED TO THE ISOLATION OF THE ADRENALIN ANTITOXIN (STARDATE 3478). MINOR CUTS AND BRUISES RESULTED FROM A BRAWL ABOARD SPACE STATION K-7 (4523).

CHEKOV IS A VERY EXCITABLE INDIVIDUAL, AND WHILE EXHIBITING MANY OF THE QUALITIES NECESSARY FOR STARSHIP COMMAND, HIS REACTION TO STRESS SITUATIONS IS STILL ERRATIC AT AGE 24. HE FOLLOWS THE EXAMPLE OF



ENTERPRISE CAPTAIN JAMES KIRK IN MANY WAYS, ALTHOUGH IS EXTREMELY ACTIVE SEXUALLY AND HAS BEEN REPRIMANDED SEVERAL TIMES FOR FIGHTING WITH OTHER CREWMEMBERS. HIS CHIEF PSYCHOLOGICAL WEAKNESS IS A BASIC INSECURITY, APPARENTLY RESULTING FROM THE FREQUENT ABSENCE OF HIS MOTHER WHEN HE WAS A CHILD; HE TENDS TO COMPENSATE FOR THIS INSECURITY WITH FLAGRANT NATIONALISM, AND TAKES INTENSE PRIDE IN HIS SOVIET HERITAGE.

PHYSICAL DATA:

WEIGHT--68 KILOS  
HEIGHT--179 CM  
HAIR--BLACK  
EYES--BROWN

# PIKE

## CHRISTOPHER ROBIN



### FLEET CAPTAIN

SERIAL NUMBER: FC 420-158 CEC

OFFICIAL POSITION: CULTURAL ADVISOR

CURRENT ASSIGNMENT: TALOS IV

NATURE AND DURATION OF MISSION:  
CLASSIFIED UNDER GENERAL ORDER 7

#### COMMENDATIONS AND AWARDS OF VALOR:

MEDAL OF HONOR (TWO TIMES)  
PALM LEAF OF AXANAR PEACE MISSION  
CENTAUREAN HERALDIC LEGION  
STAR FLEET CITATION FOR GALLANTRY  
SILVER NEBULA WITH CLUSTER  
TWO TIMES WOUNDED, HONOR ROLE

AGE: 51

NATIONALITY: TERRAN

PLACE OF BIRTH: CALIFORNIA - UNITED STATES - EARTH

DATE OF BIRTH: STARDATE 1260.7 (OLD CALENDAR--11 APRIL 2214)

HISTORY: ENTERED STAR FLEET ACADEMY AS A MIDSHIPMAN AT AGE 19, MAJORED IN SPATIAL NAVIGATION AND WARP DRIVE ENGINEERING, AND FINISHED FIFTH IN HIS CLASS. AT AGE 22 PLACED ABOARD HEAVY CRUISER U.S.S. FARRAGUT AS AN ENGINEERING TECHNICIAN WITH THE RANK OF ENSIGN. TRANSFERRED TO NAVIGATION SECTION THE FOLLOWING YEAR. DURING THE INITIAL PLANETARY SURVEY OF VENDOR IX, PIKE DISCOVERED AND APPREHENDED A VENDORIAN WHO HAD USED ITS ABILITIES OF CELLULAR METAMORPHOSIS TO TAKE THE FORM OF A FELLOW CREWMEMBER. ADVANCED TWO GRADES TO FULL LIEUTENANT, AND ASSIGNED AS NAVIGATION OFFICER TO SCOUT U.S.S. HERMES. AFTER THREE YEARS OF EXCELLENT REPORTS, PROMOTED TO LT. COMMANDER AT THE CAPTAIN'S RECOMMENDATION, AND TRANSFERRED TO DESTROYER U.S.S. DARIUS AS CHIEF NAVIGATOR. ADVANCED TO FULL COMMANDER THREE YEARS LATER. AT AGE 33, AFTER DISTINGUISHING HIMSELF IN THE BATTLE OF AXANAR, HE WAS PROMOTED TO CAPTAIN AND PLACED IN COMMAND OF THE U.S.S. ENTERPRISE. AT THAT TIME, HE WAS THE YOUNGEST ACADEMY GRADUATE EVER TO COMMAND A STARSHIP. DURING HIS CAPTAINCY, PIKE PARTICIPATED IN OVER TWO HUNDRED PLANETARY SURVEYS, INCLUDING THE INITIAL CONTACTS WITH ALPHA MAJORIS I, ANTOS IV, BARLOW'S PLANET, BERENGARIA VII, CORIDON, GAMMA VERTIS IV, LAVINIUS VI, MANARK IV, RIGEL VII, TALOS IV, THASUS, AND TYPERIUS II. ACCEPTED PROMOTION TO FLEET CAPTAIN AT AGE 45, AND TAUGHT AT THE ACADEMY FOR TWO YEARS AS AN INSTRUCTOR ABOARD A TRAINING STARSHIP. IN 2261, WHEN THE BAFFLE PLATES ON AN OLD CLASS J STARSHIP RUPTURED, HE REMOVED SEVEN CADETS TO SAFETY, FOR WHICH HE WAS AWARDED HIS SECOND MEDAL OF HONOR. PARALYZED AND DISFIGURED BY PROLONGED EXPOSURE TO DELTA RADIATION, HE WAS OFFERED THE ADVISORY POSITION OF FEDERATION AMBASSADOR TO THE TALOS STAR GROUP, WHERE HE CAN AT LEAST PRESERVE THE ILLUSION OF HIS FORMER APPEARANCE AND MOBILITY.



PERSONAL:

UNMARRIED. FATHER AND MOTHER ARE STILL LIVING IN MOJAVE ON EARTH. SISTER, JOAN, IS PRESENTLY LIVING ON MARTIAN COLONY FOUR WITH HER HUSBAND. SIGNIFICANT ROMANCES DURING PIKE'S CAREER IN STAR FLEET INCLUDE ENTERPRISE YEOMAN LAUREL COLT; COMMANDER LEIGH CHAPEL, HIS FIRST OFFICER FROM 2248 TO 2259; AND "VINA," AN EARTHWOMAN WHO SURVIVED THE CRASHLANDING OF THE S.S. COLUMBIA ON TALOS IV IN 2232.

MEDICAL:

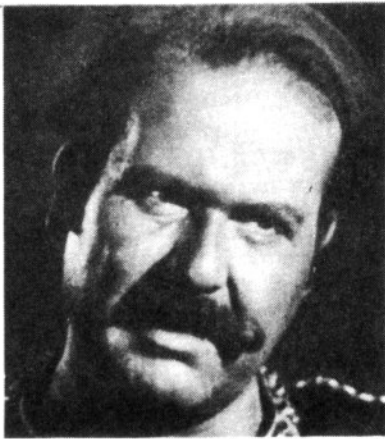
AS A CADET, SUFFERED FROM SYNTHOCOCCUS NOVAE DUE TO AN IMMUNIZATION OVERSIGHT. CONTRACTED RIGELLIAN FEVER ON BETA ORIONIS IV, AND RECEIVED TWO BROKEN RIBS IN A FIGHT WITH THE KALAR ON RIGEL VII. ATTACKED BY SANDBATS ON MANARK IV, AND EXPERIENCED A NEAR-FATAL ALLERGIC REACTION TO THEIR VENOM. FACIAL HAIR AND TISSUE SINGED BY QUASI-INTELLIGENT FIRE-BREATHING DRAGONS ON BERENGARIA VII, NO SERIOUS INJURY. EXPOSED TO A CRIPPLING DOSAGE OF DELTA RADIATION ABOARD A CADET TRAINING STARSHIP (STARDATE 2986.2), WHICH LEFT HIM WITH SEVERE SCARRING AND DISFIGURATION. LOSS OF MOTOR FUNCTION WAS FOLLOWED BY CARDIAC AND RENAL FAILURE, AT WHICH POINT PIKE WAS CONFINED TO A LIFE SUPPORT CARRIAGE AND PROVIDED WITH SERVO-MECHANISMS. EVENTUALLY, HE LOST ALL CONTROL OVER BODY MOVEMENT, AND WAS ABLE TO COMMUNICATE ONLY THROUGH CODED ELECTROENCEPHALOGRAPHIC SIGNALS.

PRIOR TO THE TALOS IV INCIDENT OF STARDATE 3012.4, PIKE'S PSYCHOLOGICAL PROFILE SHOWS HIM TO BE SLIGHTLY INTROVERTED, WITH AN AGGRESSION INDEX OF 38 (UNUSUALLY LOW FOR STARSHIP COMMANDERS). AS ENTERPRISE PHYSICIAN JOSEPH BOYCE REPORTS, HE WAS PRONE TO FITS OF DEPRESSION AND DAYDREAMING, ALTHOUGH NOT TO AN EXTENT DETRIMENTAL TO HIS DUTIES. ANY LIAISONS PIKE HAD DURING THIS PERIOD WERE CASUAL AND SHORT-LIVED, AND A MILD FIXATION WITH THE ENTERPRISE SEEMS TO HAVE SERVED AS AN EMOTIONAL BLOCK IN THIS RESPECT. FOLLOWING EXPOSURE TO THE TALOSIANS, PIKE'S PERSONALITY CHANGED MARKEDLY, AND HIS SUBSEQUENT BEHAVIOR SHOWED HIM TO BE BOTH MORE AGGRESSIVE AND REMARKABLY WELL-ADJUSTED TO STARSHIP LIFE. THE MARRIAGE OF LEIGH CHAPEL IN 2259 TO LT. CMDR. JOSE TYLER TRIGGERED A MANIC-DEPRESSIVE CYCLE, WHICH RENDERED PIKE'S COMMAND ABILITY ERRATIC AND UNPREDICTABLE, AND EVENTUALLY RESULTED IN HIS DECISION TO LEAVE THE ENTERPRISE.

PIKE'S BRAIN TISSUE WAS LEFT UNDAMAGED BY THE ACCIDENT, AND WE CAN ONLY IMAGINE THE FEELINGS OF A MAN TRAPPED INSIDE A USELESS AND INERT BODY. ALTHOUGH GIVEN AN ADVISORY POSITION AT STARBASE 11, PIKE RETREATED ENTIRELY FROM A HARSH REALITY, AND REFUSED EVEN TO ACKNOWLEDGE THE PRESENCE OF VISITORS UNTIL HIS REUNION WITH FORMER SECOND OFFICER SPOCK.

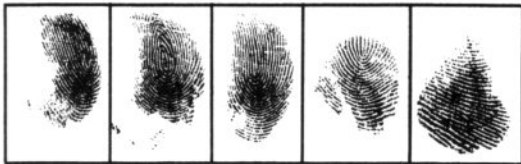
PHYSICAL DATA:

WEIGHT--73 KILOS  
HEIGHT--183 CM  
HAIR--DARK BROWN  
EYES--BLUE



*Harry Mudd*

(Recent Signature)



R. THUMB

FORE

MIDDLE

RING

LITTLE

# POLICE RECORD

## HARCOURT FENTON MUDD

### OFFENSES

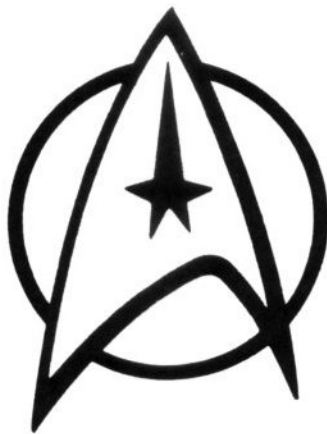
SMUGGLING, SENTENCE SUSPENDED STARDATE 1049.8; TRANSPORT OF STOLEN GOODS, MASTER'S LICENSE REVOKED STARDATE 1116.4; PURCHASE OF A SPACE VESSEL WITH COUNTERFEIT CURRENCY, SENTENCED TO PSYCHIATRIC TREATMENT STARDATE 1204.2, EFFECTIVENESS DISPUTED. POSSESSION OF AN ILLEGAL NARCOTIC, OPERATING A STARSHIP WITHOUT A LICENSE, OBSTRUCTING A UNIT OF STAR FLEET; SENTENCED TO ONE YEAR IN A REHAB COLONY STARDATE 1329.8, RELEASED AFTER SIX MONTHS. CONVICTED OF PATENT FRAUD ON DENE V STARDATE 3140.0, SENTENCED TO DEATH. FOUND GUILTY OF SIX ADDITIONAL FELONIES, INCLUDING KIDNAPPING AND GRAND THEFT, STARDATE 4513.7; TURNED STATE'S EVIDENCE, SENTENCE REDUCED TO LIFE IMPRISONMENT. VIOLATIONS OF THE FEDERATION PHARMACEUTICAL CODE, INCLUDING FRAUD, ILLEGAL DRUG MANUFACTURING, SWINDLING, AND TRANSPORT OF A DANGEROUS LIFE-FORM; SENTENCED TO AN INDEFINITE PERIOD IN REHABILITATION THERAPY STARDATE 4979.6

### CRIMINAL HISTORY

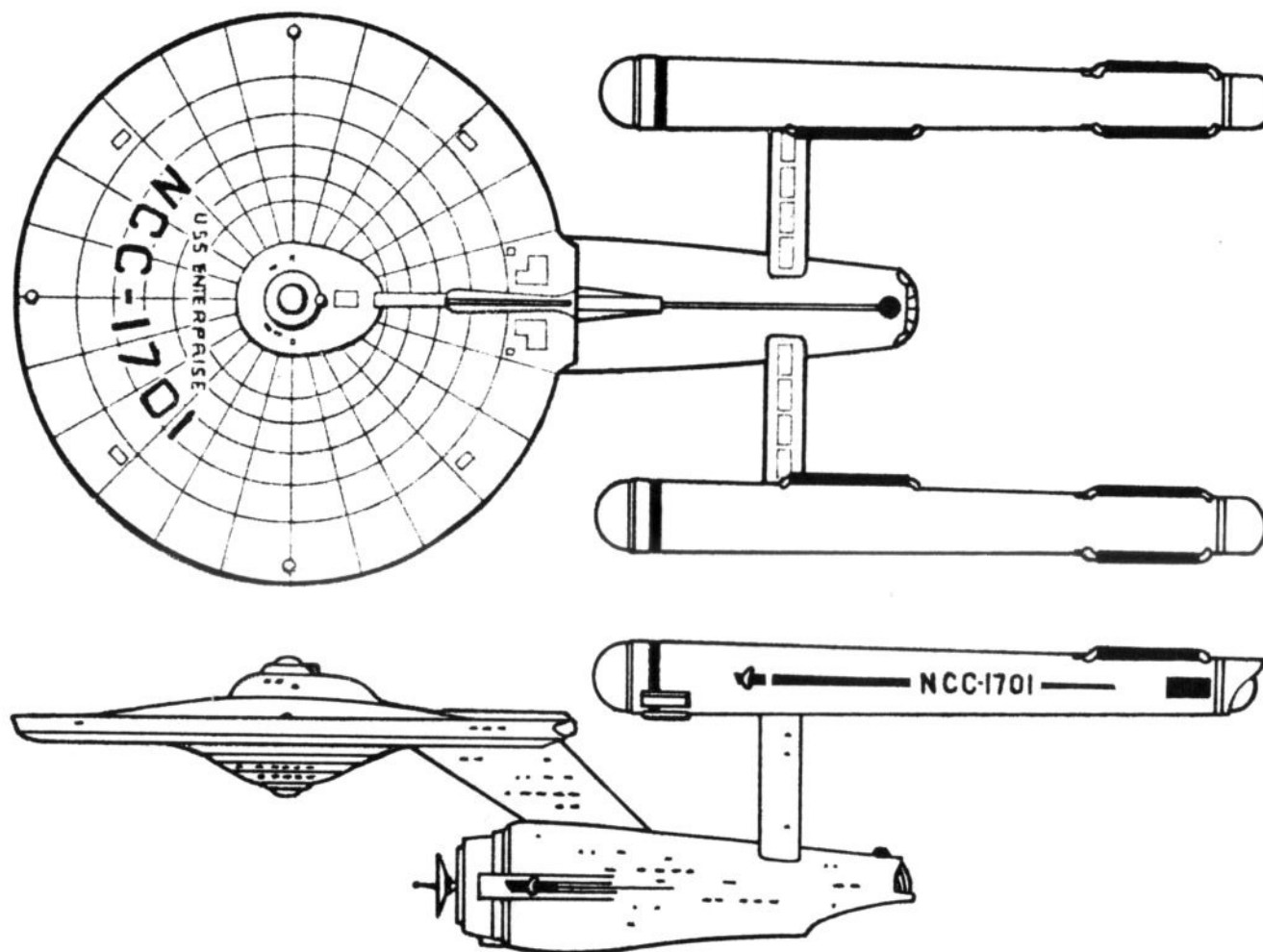
BORN 2213 (?) ON THE FRONTIER WORLD ANTARES PI IV, THE SON OF A CIVIL SERVANT. RECEIVED NO FORMAL EDUCATION, APPRENTICED TO A LOCAL SLAVE MERCHANT AT AGE 15. MARRIED STELLA ELOISE KLATSKIN IN 2230, STOWED AWAY ABOARD A TRADING VESSEL TWO MONTHS LATER. RAN A SMUGGLING RING ON OPHIUCHUS VI, USING COUNTERFEIT CREDIT VOUCHERS TO BUY DILITHIUM CRYSTALS FROM LOCAL MINERS. APPREHENDED BY AUTHORITIES ON ARCTURUS II WHEN HE TRIED TO PURCHASE A SPACE CRUISER WITH COUNTERFEIT VOUCHERS. AFTER RELEASE, SOLD THE NATIVES OF OMEGA CYGNI VII THEIR OWN OCEAN, AND PURCHASED A USED CLASS J CARGO SHIP UNDER THE ALIAS LEO FRANCIS WALSH. INTERCEPTED EN ROUTE TO OPHIUCHUS BY THE STARSHIP ENTERPRISE, AND FOUND TO BE IN POSSESSION OF ILLEGAL VENUS DRUG. RELEASED FROM A REHAB COLONY ON GOOD BEHAVIOR, HE FOUNDED AN INFORMATION SERVICE ON DENE V. SOLD THE DENEBIANS THE RIGHTS TO A VULCAN FUEL SYNTHESIZER, AND WAS IMPRISONED BY LOCAL AUTHORITIES. ESCAPED FROM CUSTODY, STOLE A SPACECRAFT, FIRED ON BY A DENEBIAN POLICE PATROL. CRASHLANDED ON AN UNCHARTED K-CLASS WORLD INHABITED BY HUMANOID ANDROIDS, WHICH HE USED IN AN ATTEMPT TO HIJACK THE ENTERPRISE. PLACED IN THE PROTECTIVE CUSTODY OF THE ANDROIDS, HE PROCEEDED TO ORGANIZE THEM INTO ATHLETIC TEAMS, STOLE ONE OF THEIR SPACECRAFT, AND REOPENED THE "MUDD FREE INFORMATION EXCHANGE" ON ILYRIA VI. SOLD THE STAR FLEET ACADEMY TO THE NATIVES, WHICH PROVIDED ENOUGH CREDITS TO SEE HIM TO SIRIUS IX. DISTRIBUTED A LOCAL LOVE POTION TO OVER A THOUSAND SIRIANS, WHO EXPERIENCED A VIOLENT ALLERGIC REACTION. HIS FUNDS WERE IMPOUNDED BY THE BANK OF SIRIUS, AND HE LEFT FEDERATION SPACE FOR THE MINING WORLD OF MOTHERLODE. ATTEMPTED TO SELL THE LOVE POTION TO THE MINERS THROUGH THE FRAUDULENT USE OF A RIGELLIAN HYPNOID, AND WAS APPREHENDED ONCE AGAIN BY THE ENTERPRISE. CLASSIFIED AS INCORRIGIBLE, RELEASED ON PROBATION. LAST KNOWN WHEREABOUTS: NEW CALIFORNIA COLONY, SOUTHERN CONTINENT, ALPHA CARINAE V.

### ADDITIONAL DATA

HUMANOID CAUCASIAN; HEIGHT 6'1"; WEIGHT 240 LBS; BROWN HAIR AND EYES; COMPLEXION FAIR; NO PROMINENT BIRTHMARKS. LARGE MUSTACHE, WAXED AND CURLED IN THE SATURNIAN STYLE. PROPENSITY FOR BRIGHTLY-COLORED COSTUMES AND JEWELRY, OFTEN WEARS EARRINGS. SPEAKS SEVERAL ANGLIC DIALECTS FLUENTLY, NATIVE ACCENT RESEMBLES THAT OF 18TH CENTURY EARTH ENGLISH. OUTSTANDING WARRANTS CURRENTLY INCLUDE 12 FELONIES, 38 MISDEMEANORS, AND 167 VIOLATIONS OF LOCAL LAWS. ANY INFORMATION PERTAINING TO MUDD PLEASE NOTIFY THE CENTRAL BUREAU OF PENOLOGY, STOCKHOLM, EURASIA-N.E., EARTH



# **FAMILIARIZATION**



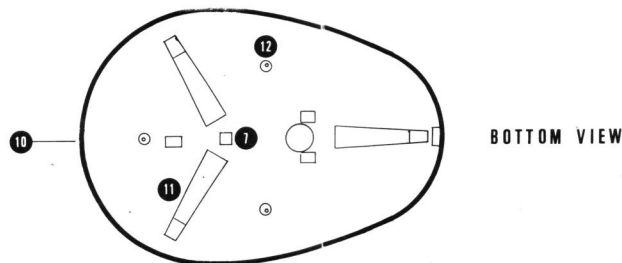
**STARSHIP U.S.S. ENTERPRISE • NCC-1701 • UNITED FEDERATION OF PLANETS**

U.S.S. ENTERPRISE

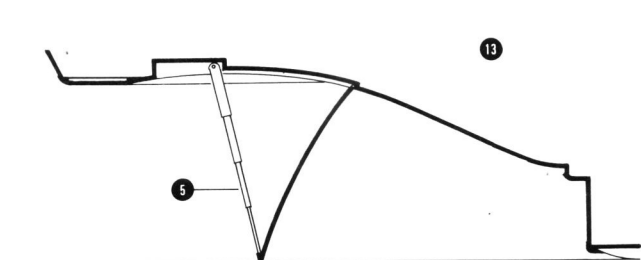
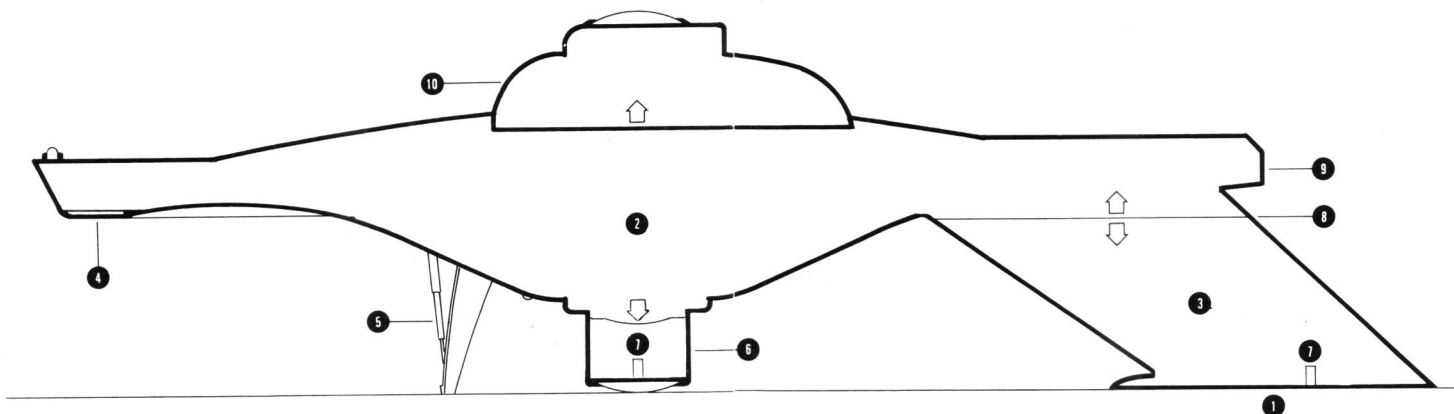
STARSHIP CLASS

SAN FRANCISCO, CALIF.

REPRODUCTION OF ORIGINAL SHIP'S DEDICATION PLAQUE



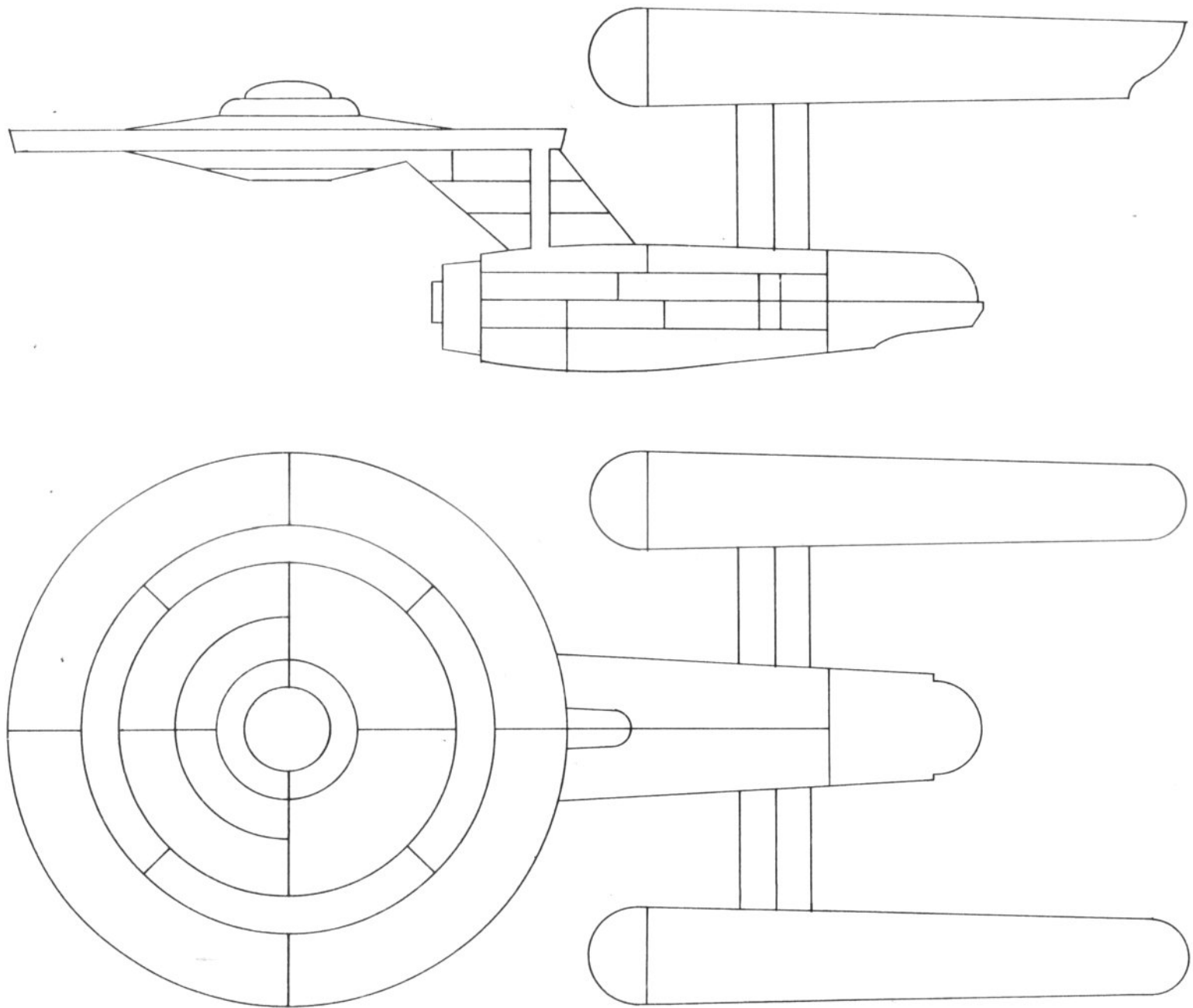
BOTTOM VIEW



- 1 DORSAL SEPERATES FROM SECONDARY HULL
- 2 PRIMARY HULL ROTATES 180° ON LONGITUDINAL AXIS
- 3 DORSAL FIN USED AS VERTICAL STABILIZER
- 4 MAIN ANTIGRAV UNIT ACTIVATED
- 5 LANDING LEGS (EXTENDED - P/S)
- 6 PLANETARY SENSOR EXTENDS AS SUPPORT PILLAR
- 7 EMERGENCY EXITS

- 8 PRIMARY HULL SEPERATES FROM DORSAL
- 9 PRIMARY HULL ASCENDS TO PLANETARY ORBIT
- 10 BRIDGE MODULE DETACHES AS LIFEBOAT
- 11 LANDING LEGS (RETRACTED - 3)
- 12 DESCENT ENGINES (3)
- 13 CROSS-SECTION OF PRIMARY HULL AT 60° STARBOARD

## EMERGENCY LANDING PROCEDURE



**STARSHIP U.S.S. ENTERPRISE - NCC-1701 - CRITICAL SYSTEMS MONITOR**



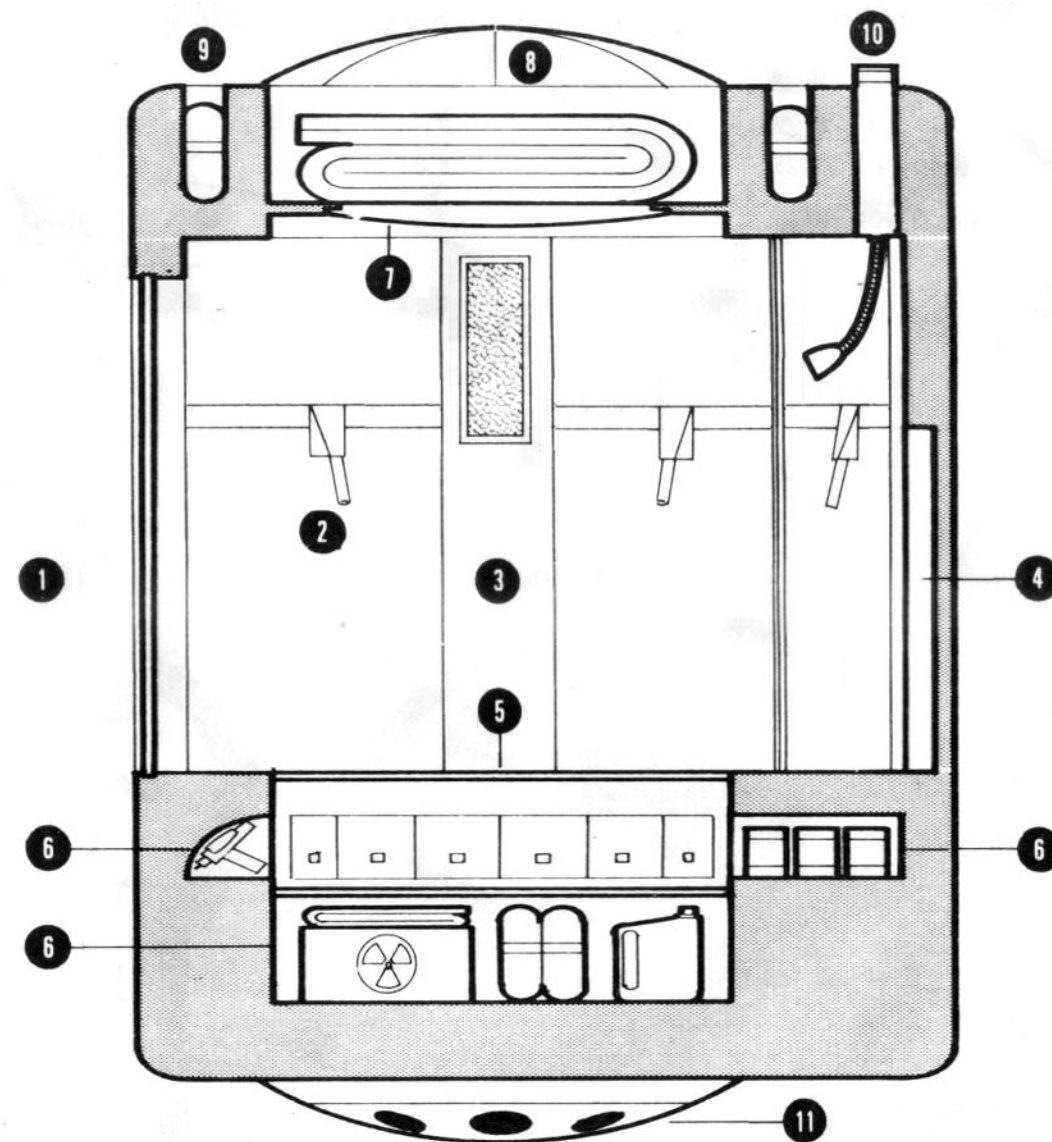
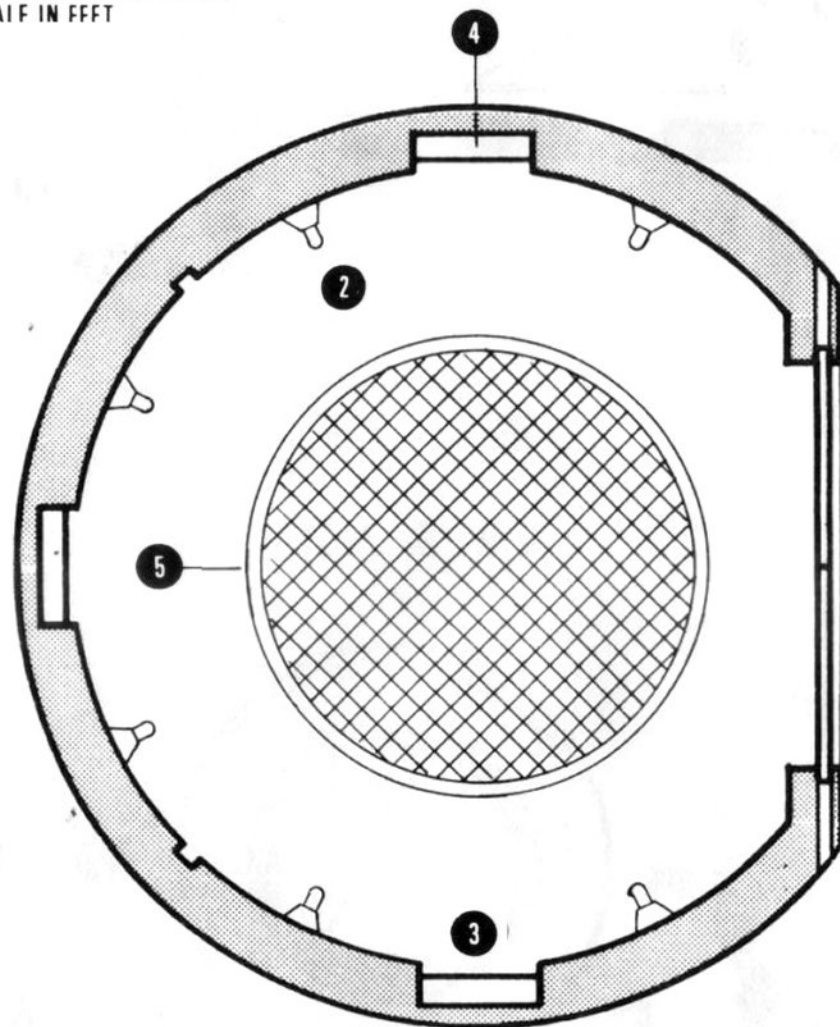
# TURBO-ELEVATOR CAR

## STANDARD SIX PASSENGER

REFER TO PLAQUE UNDERNEATH FLOOR PLATE FOR EMERGENCY  
LANDING PROCEDURES



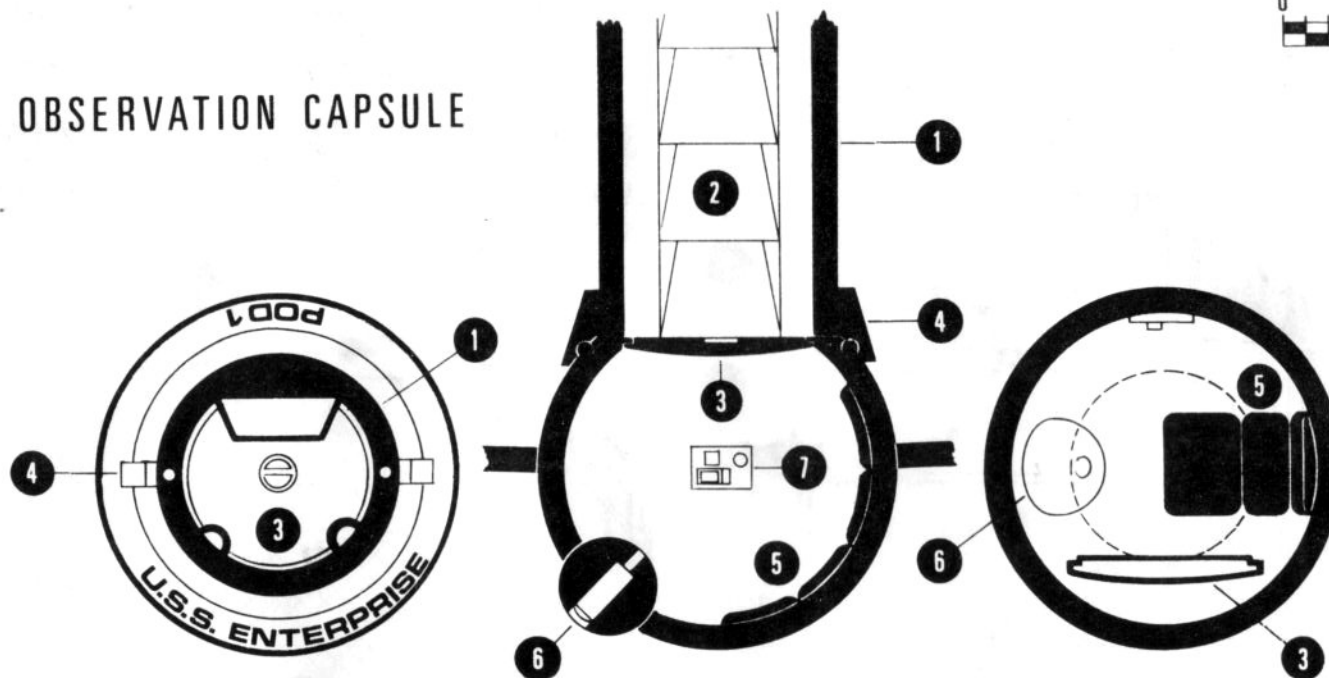
PLAN



- |                          |                          |
|--------------------------|--------------------------|
| 1 ENTRANCE               | 7 ESCAPE HATCH           |
| 2 GRAB HANDLES (6)       | 8 PARACHUTE COMPARTMENT  |
| 3 KICK-OUT PANELS (3)    | 9 FLOTATION CUSHIONS (8) |
| 4 SAFETY HARNESS STOWAGE | 10 PERISCOPE (EXTENDED)  |
| 5 REMOVABLE FLOOR PLATE  | 11 ATTITUDE ROCKETS (9)  |
| 6 EMERGENCY GEAR STOWAGE |                          |

# ION POD

## ONE-PERSON OBSERVATION CAPSULE



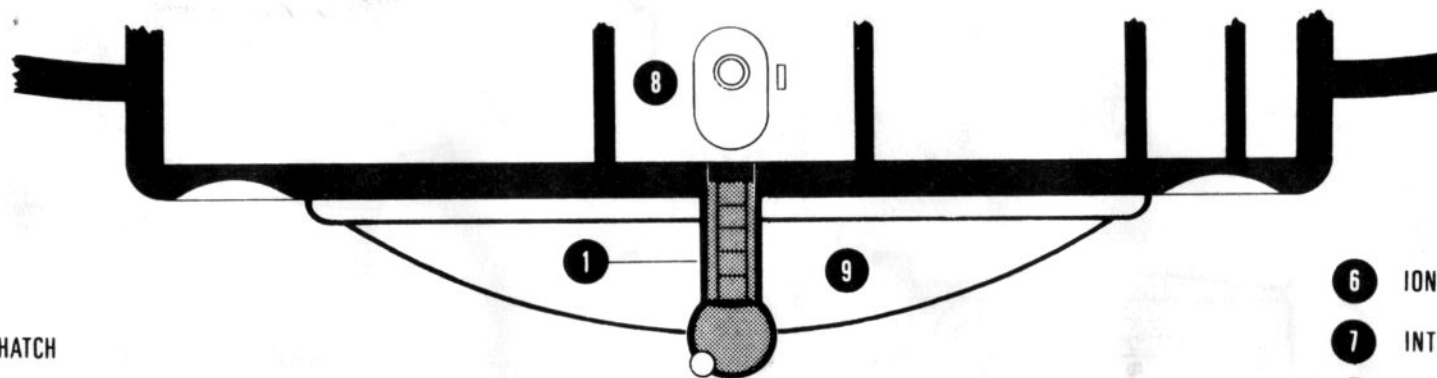
VIEW DOWN

CROSS-  
SECTION

TOP PLAN

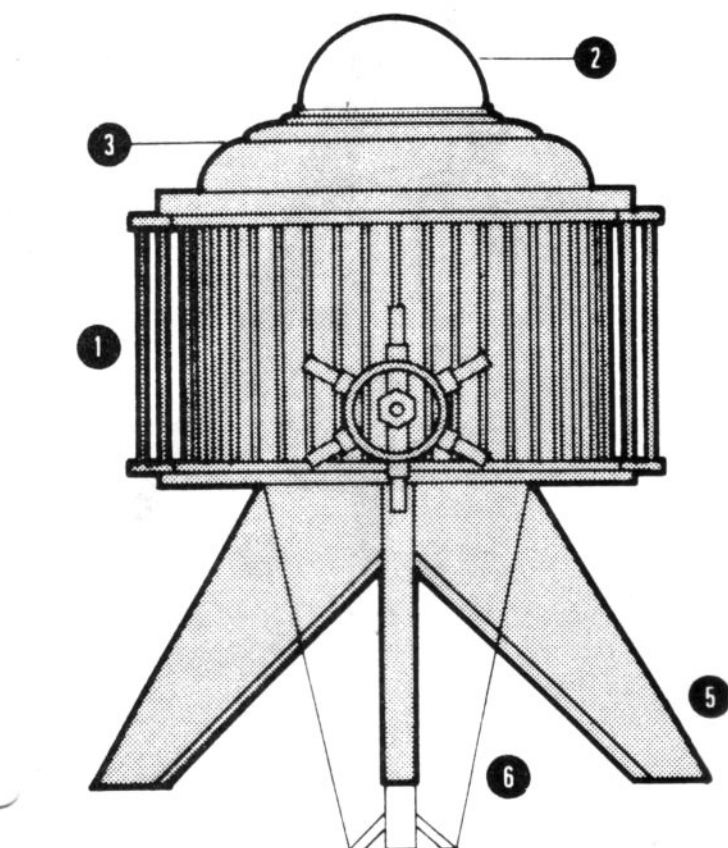
- 1 ACCESS TUBE
- 2 LADDER
- 3 ENTRY/EGRESS HATCH
- 4 POD RELEASE
- 5 OPERATOR'S CUSHION

- 6 ION SCANNER
- 7 INTERCOM
- 8 AIRLOCK No. 5
- 9 LOWER SENSOR PLATFORM

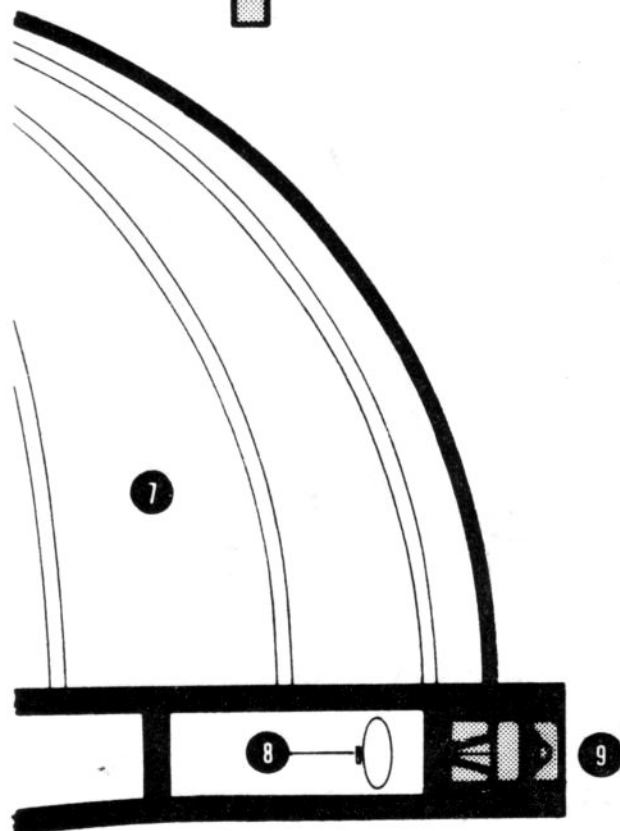
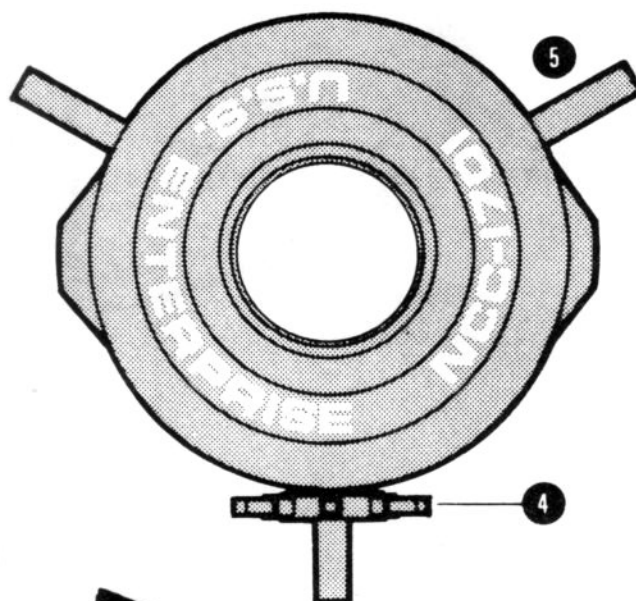


LOCATION OF ION POD IN LOWER SENSOR DOME

# SHIP'S RECORDER-MARKER



TOP VIEW



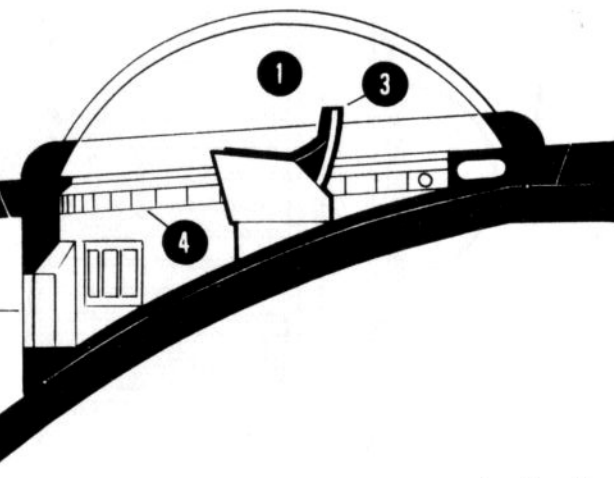
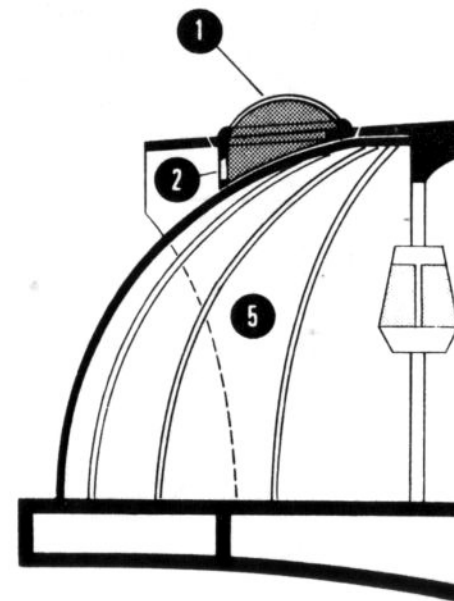
LOCATION OF RECORDER-MARKER  
IN SECONDARY HULL

- 1 DEFLECTOR SHIELD HOUSING
- 2 HOMING BEACON
- 3 ACCESS COVER TO MEMORY CORE
- 4 PRESSURE SEAL/ACCESS COVER RELEASE
- 5 SUPPORT LEGS (EXTENDED-3)
- 6 SUPPORT LEGS IN LAUNCH POSITION
- 7 HANGAR DECK
- 8 LOADING HATCH
- 9 LAUNCH TUBES (3)

# FLIGHT DECK CONTROL TOWER

## HANGAR DECK CROSS-SECTION

REAR VIEW



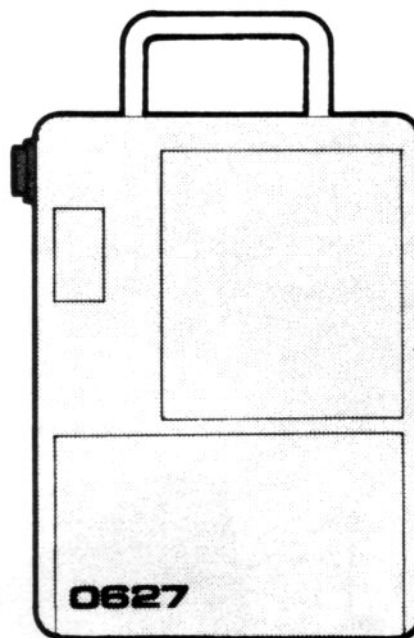
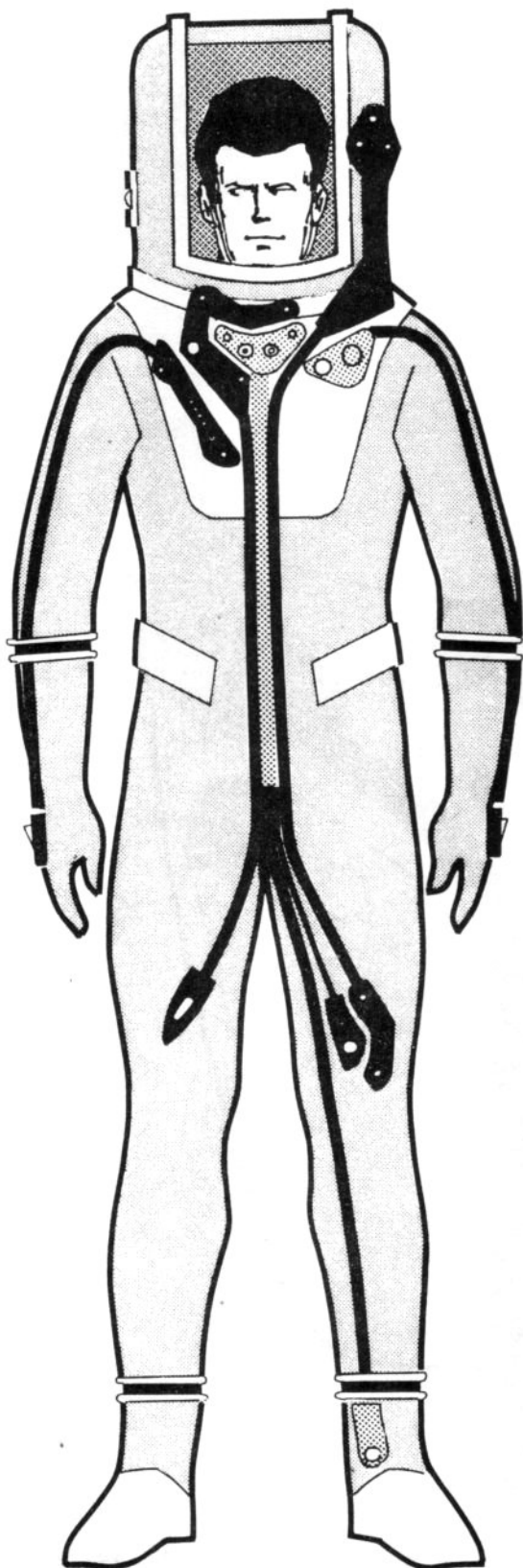
- 1 OBSERVATION DOME
- 2 AFT VIEWPORT
- 3 OPERATOR'S CHAIR
- 4 FLOODLIGHTS

- 5 HANGAR DOORS
- 6 LAUNCH TUBES
- 7 APPROACH LIGHTS
- 8 LANDING TARGET

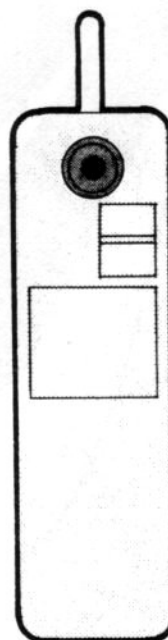


# ENVIRONMENTAL SUIT-TYPE I

## LIFE-SUPPORT PACK



FRONT VIEW

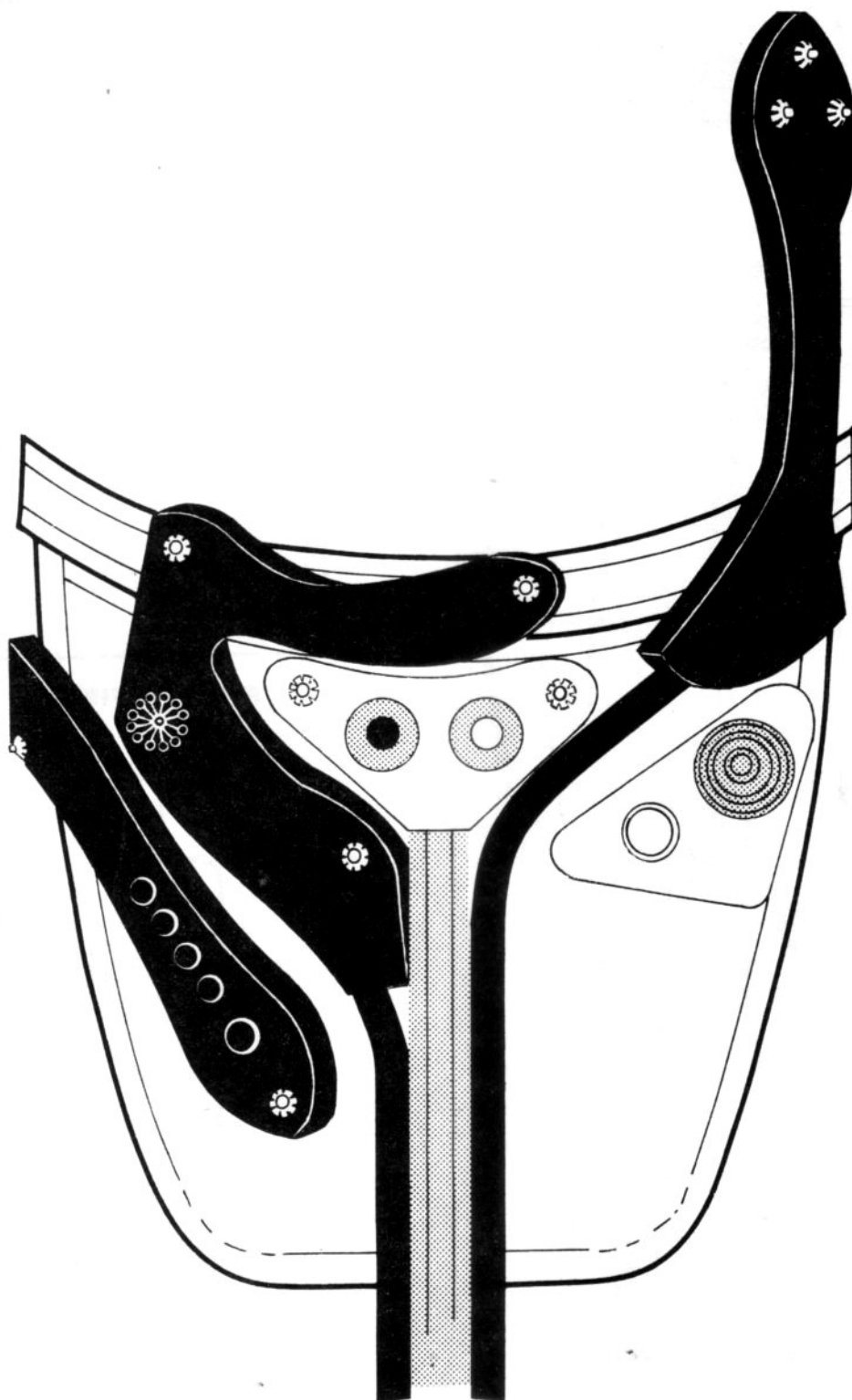


SIDE VIEW

FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"

# PORTABLE LIFE SUPPORT SYSTEM

## ENVIRONMENTAL SUIT-TYPE-I

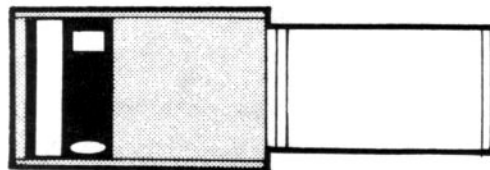
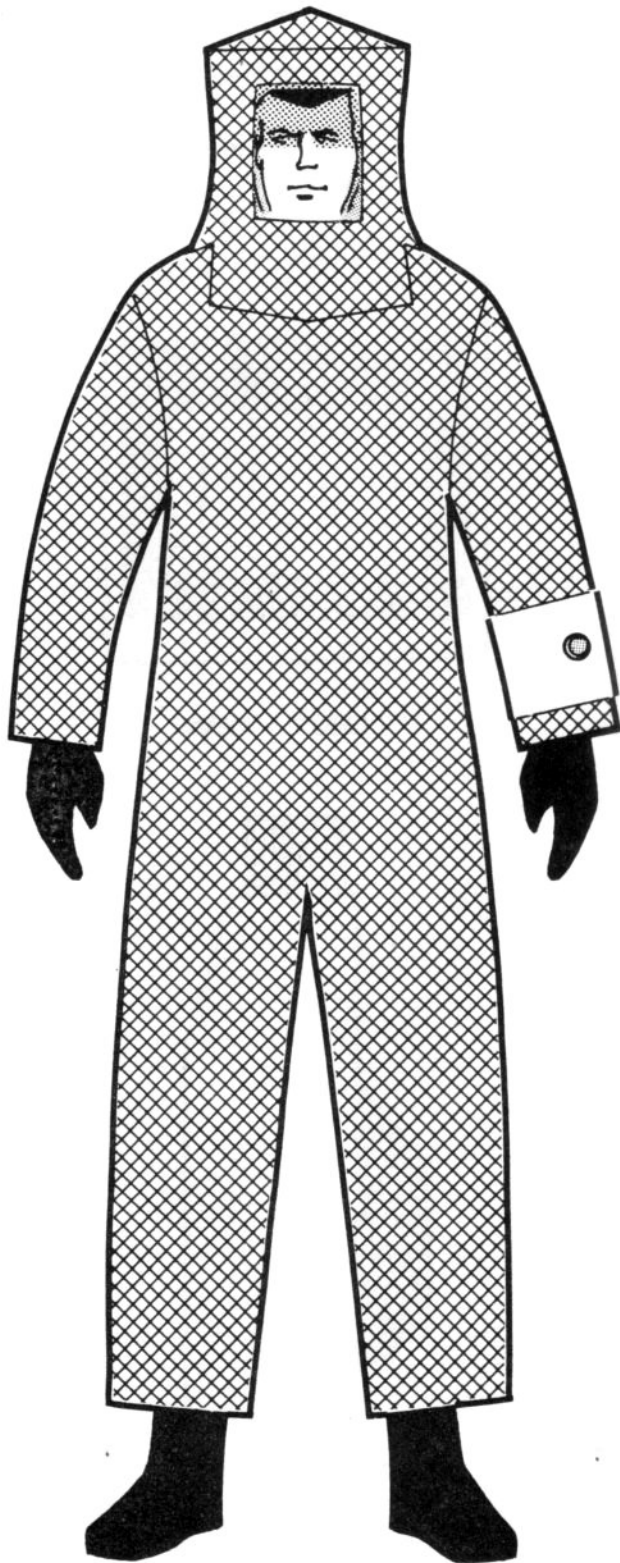


0 4 8 12 16 20 24  
CENTIMETERS

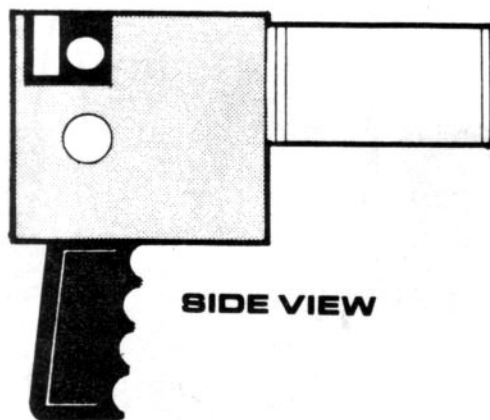


# ANTI-EXPOSURE SUIT

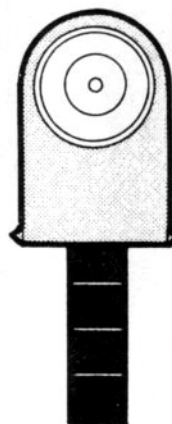
## DECONTAMINATION UNIT



TOP VIEW



SIDE VIEW

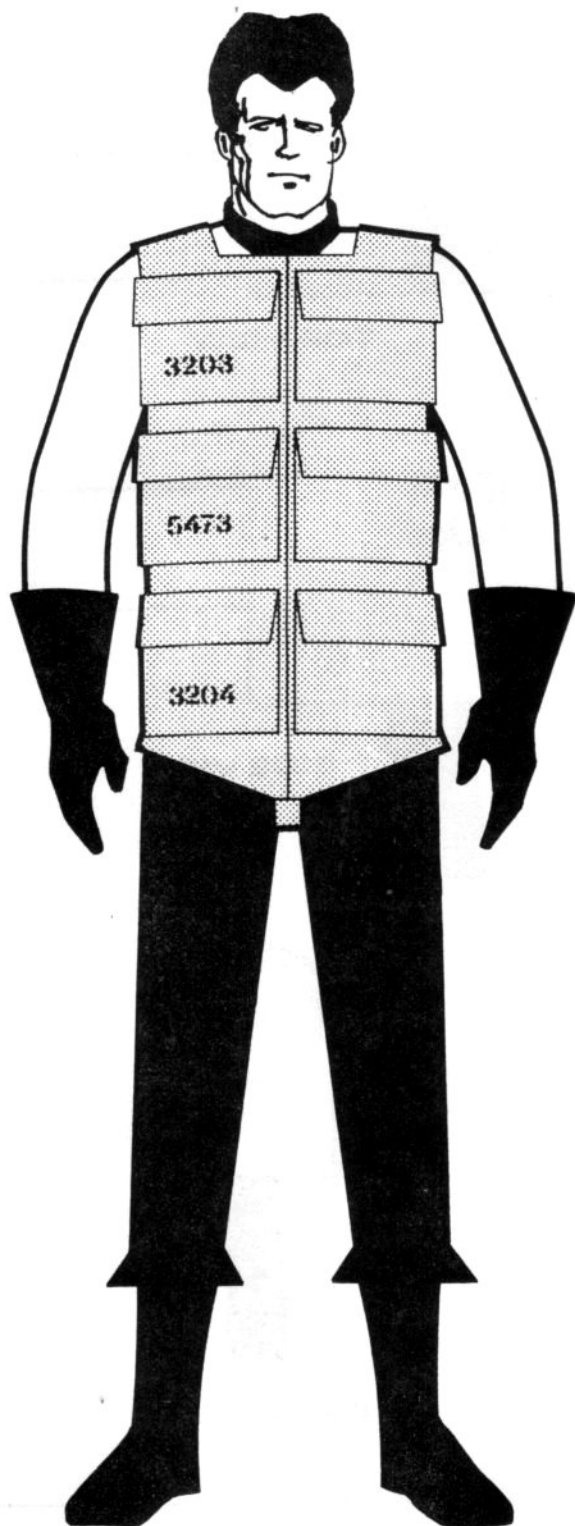


FRONT VIEW

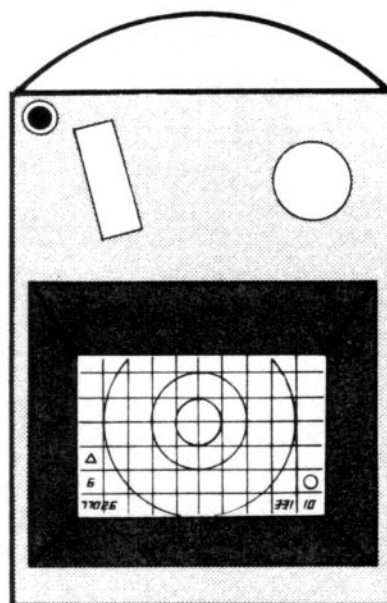
FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"



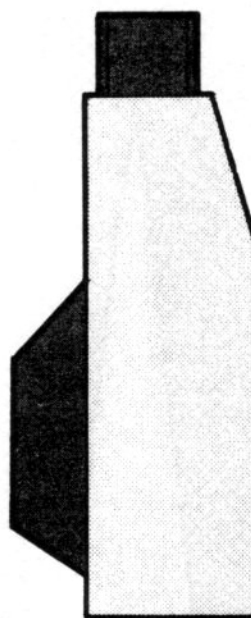
# ANTI-RADIATION GEAR



## RADIATION COUNTER



FRONT VIEW

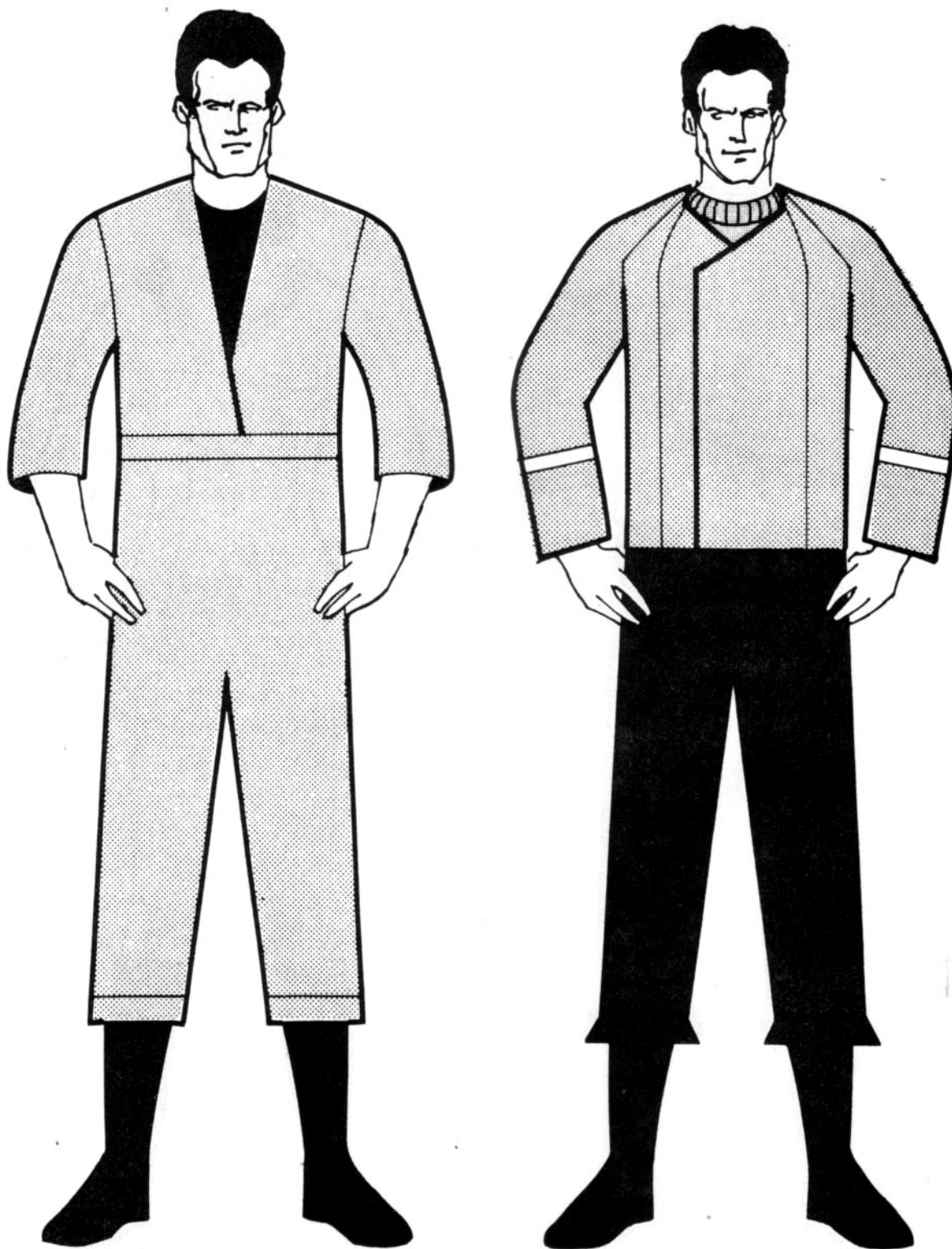


SIDE VIEW

FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"

# **SPECIAL PURPOSE CLOTHING**

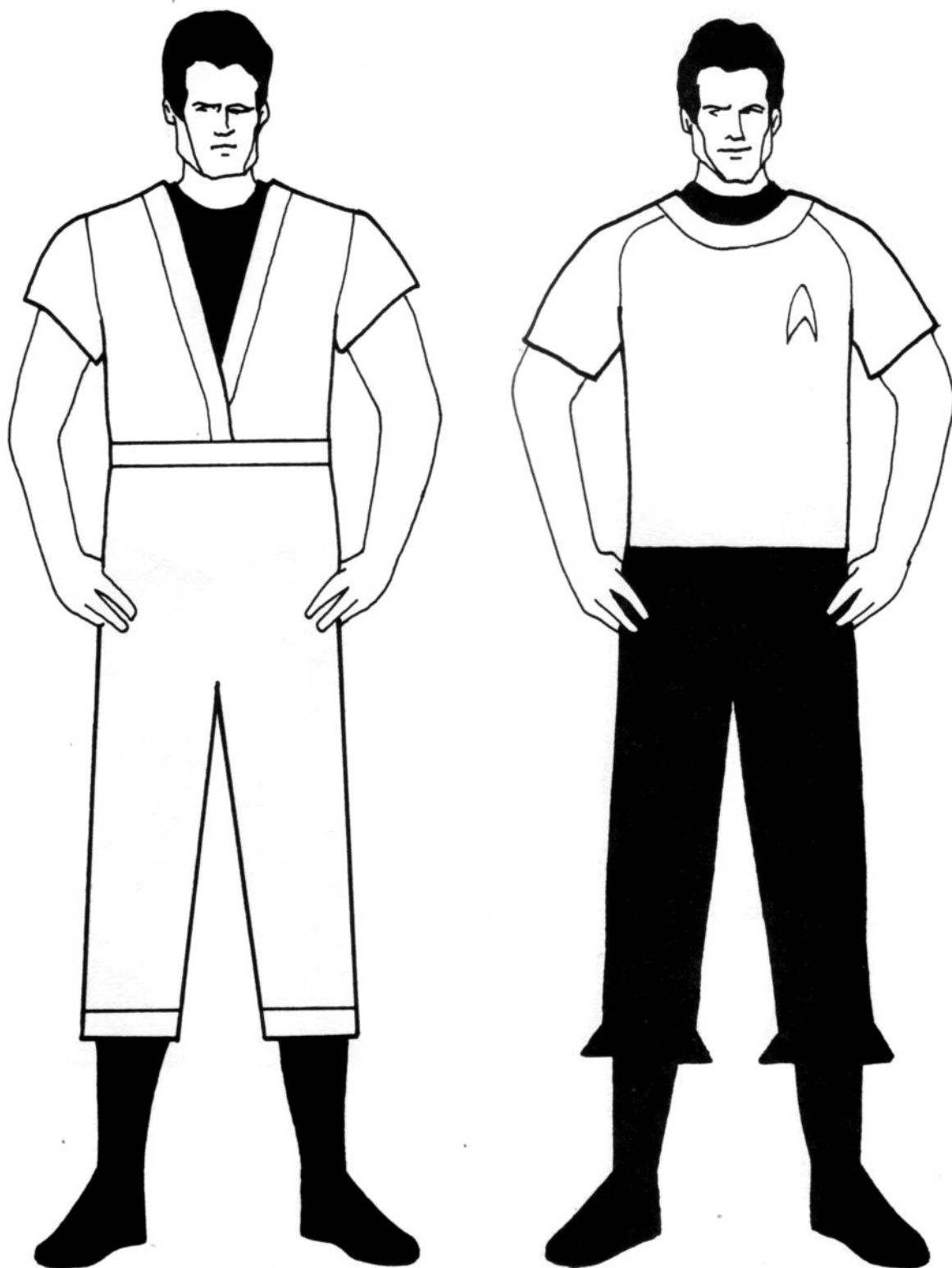
## **TECHNICIANS JUMPSUIT & DUTY JACKET**



FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:08 "UNIFORM COLOR CODES"

# DUTY UNIFORMS

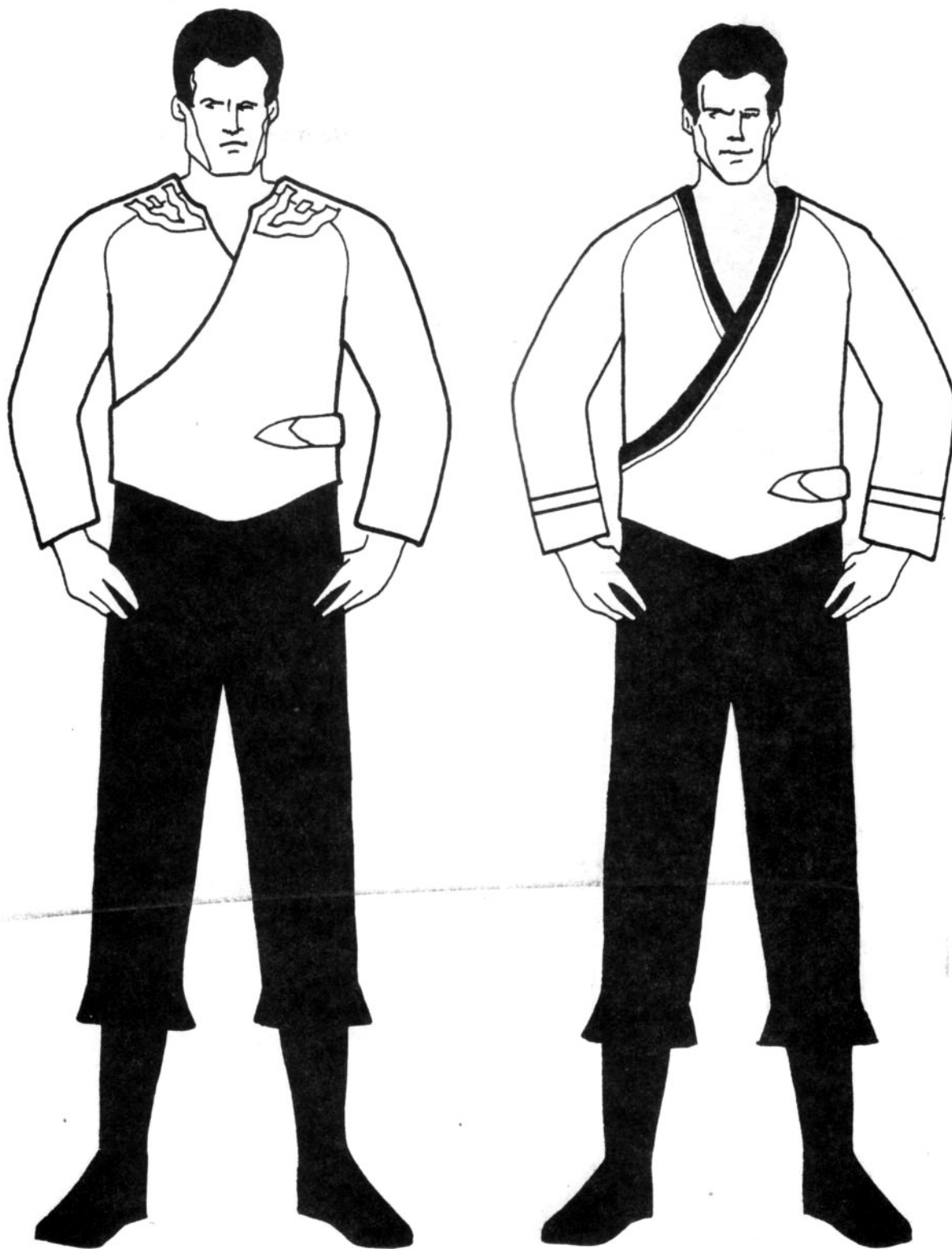
MEDICAL DEPARTMENT



FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"

# DUTY UNIFORMS

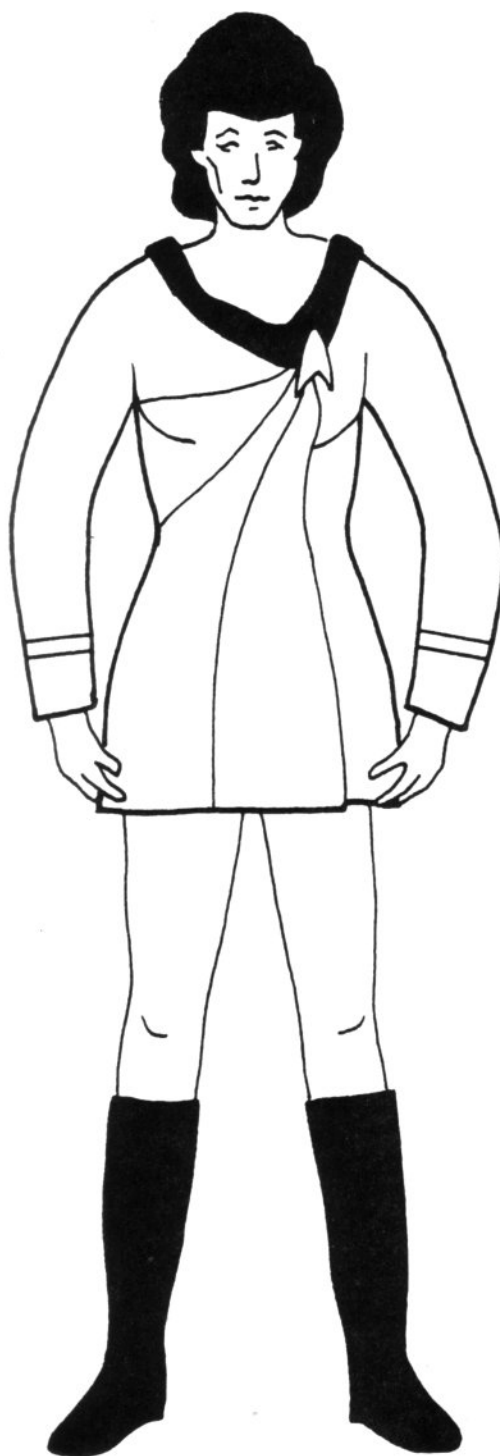
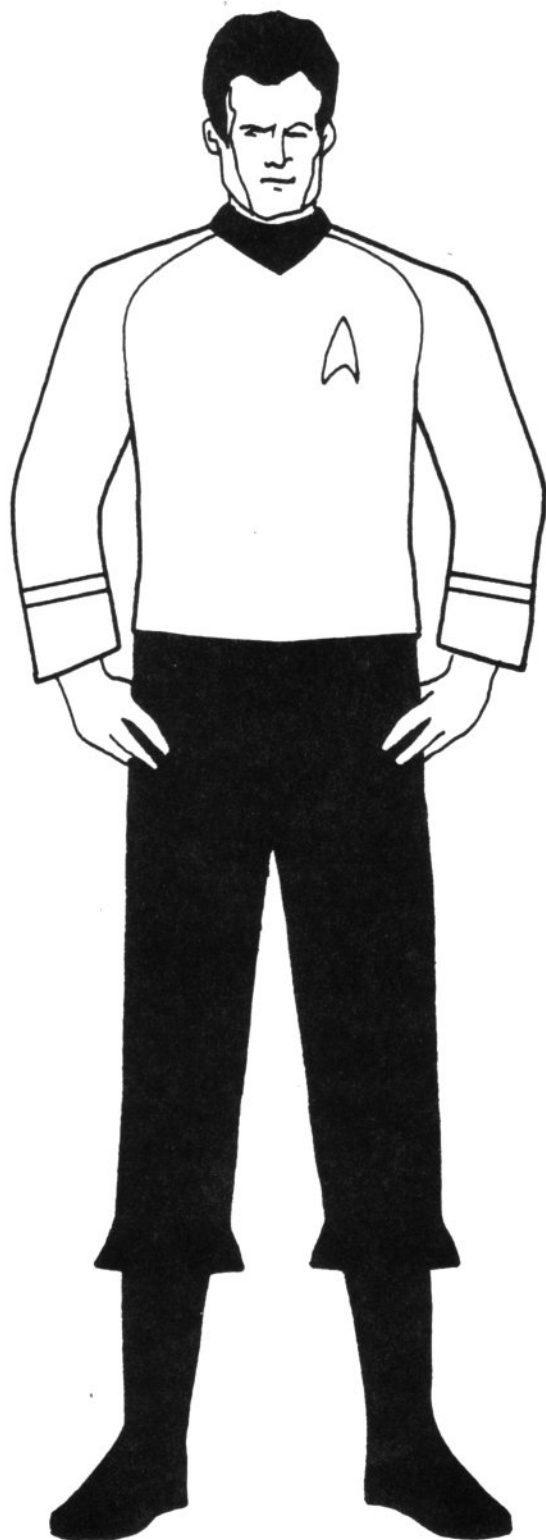
COMMAND DISCRETION



FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:08 "UNIFORM COLOR CODES"

# DUTY UNIFORMS

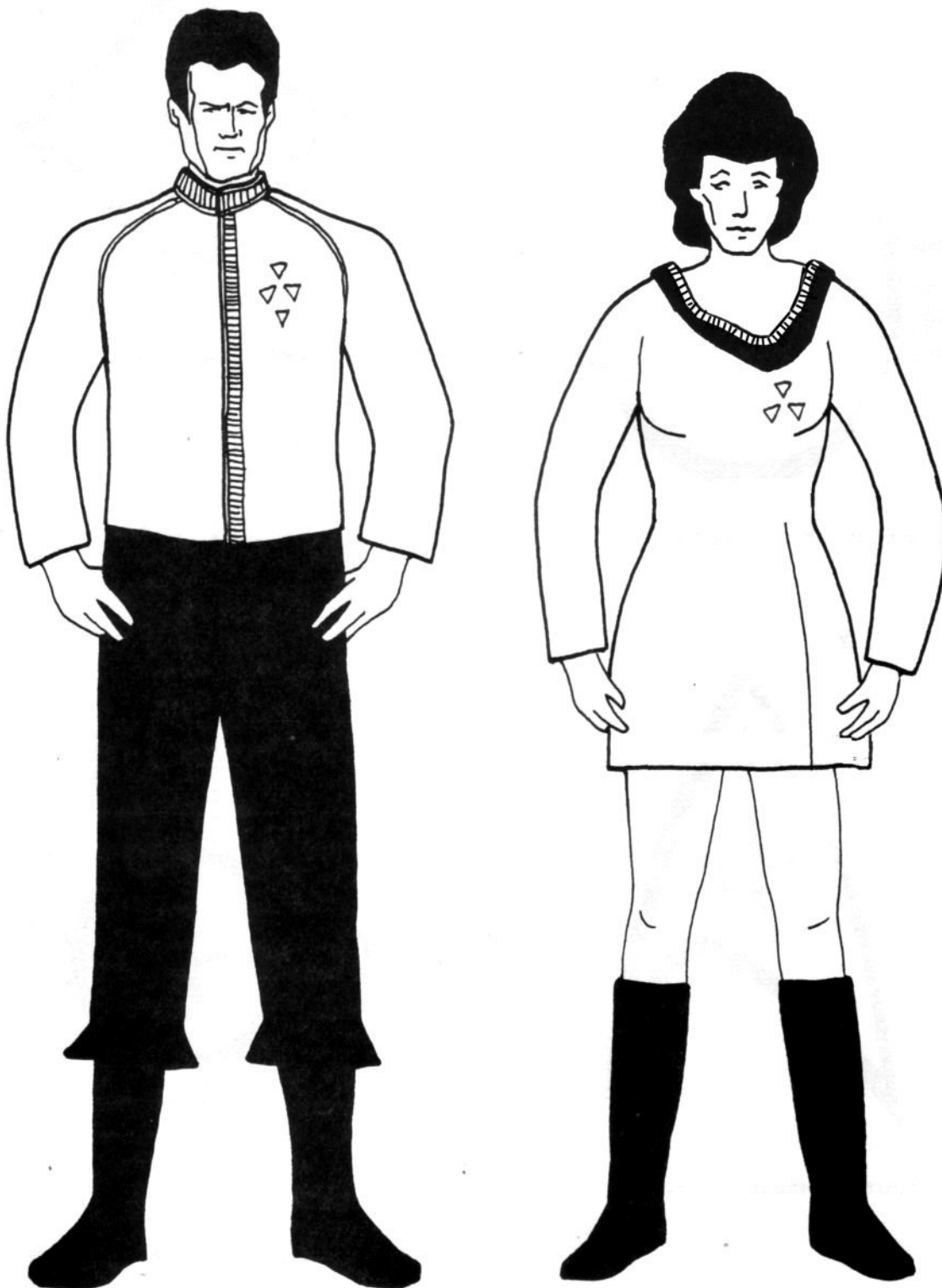
MALE / FEMALE



FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"

# DUTY UNIFORMS - DRESS

MALE / FEMALE



FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"

# **UNIFORM INSIGNIA**

**TECHNICIAN & MEDICAL**



**U.S.S. ENTERPRISE**

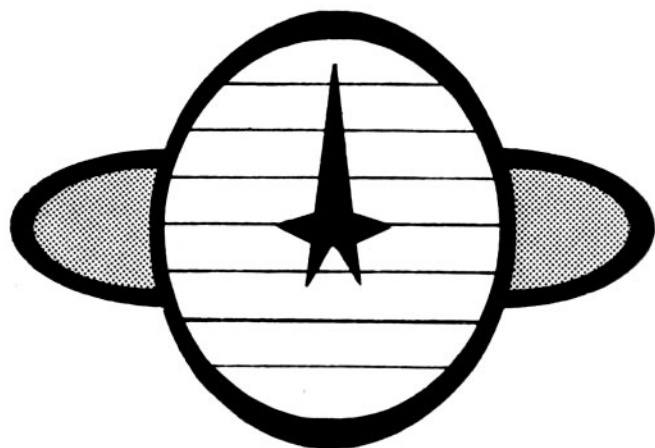


**U.S.S. ENTERPRISE**

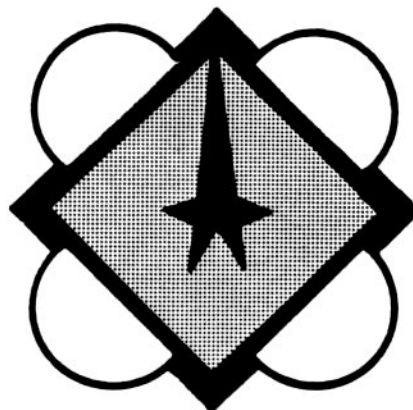


# UNIFORM INSIGNIA

## CONSTITUTION CLASS STARSHIPS



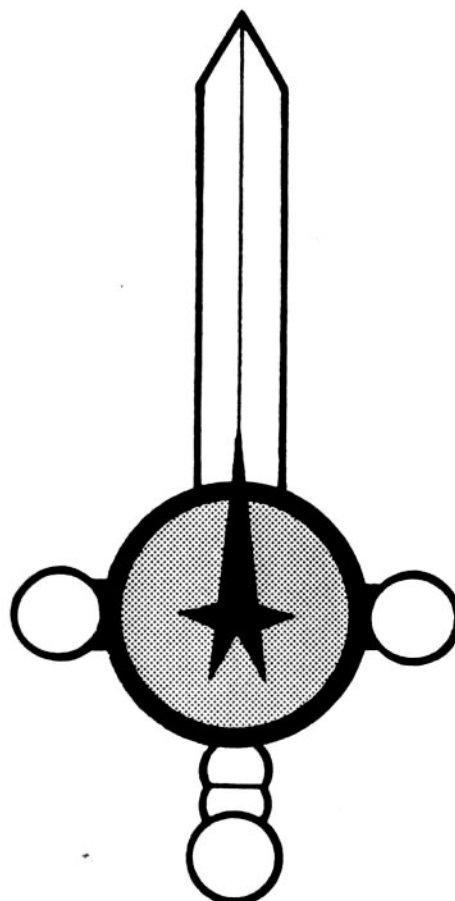
CONSTITUTION NCC-1700



LEXINGTON NCC-1703



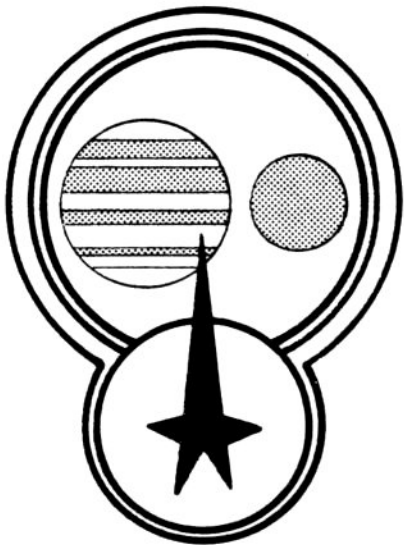
ENTERPRISE NCC-1701



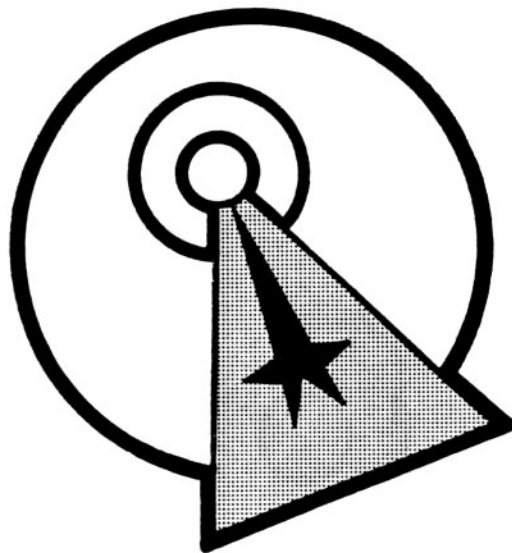
EXCALIBUR NCC-1705

# UNIFORM INSIGNIA

## CONSTITUTION CLASS STARSHIPS



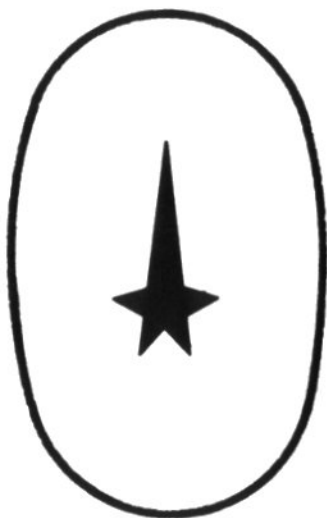
FARRAGUT NCC-1702



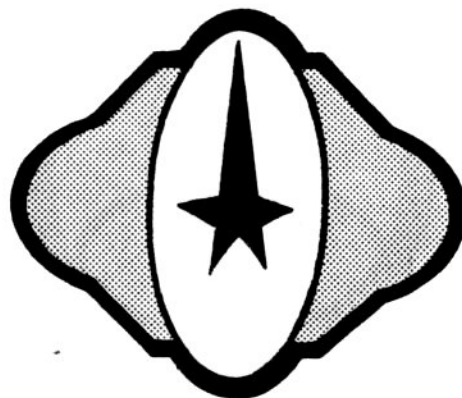
INTREPID NCC-1708



YORKTOWN NCC-1704



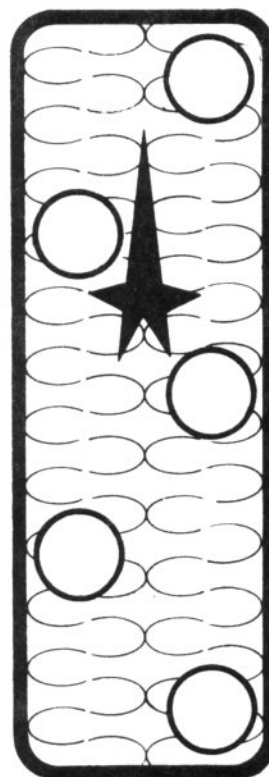
DEFIANT NCC-1784



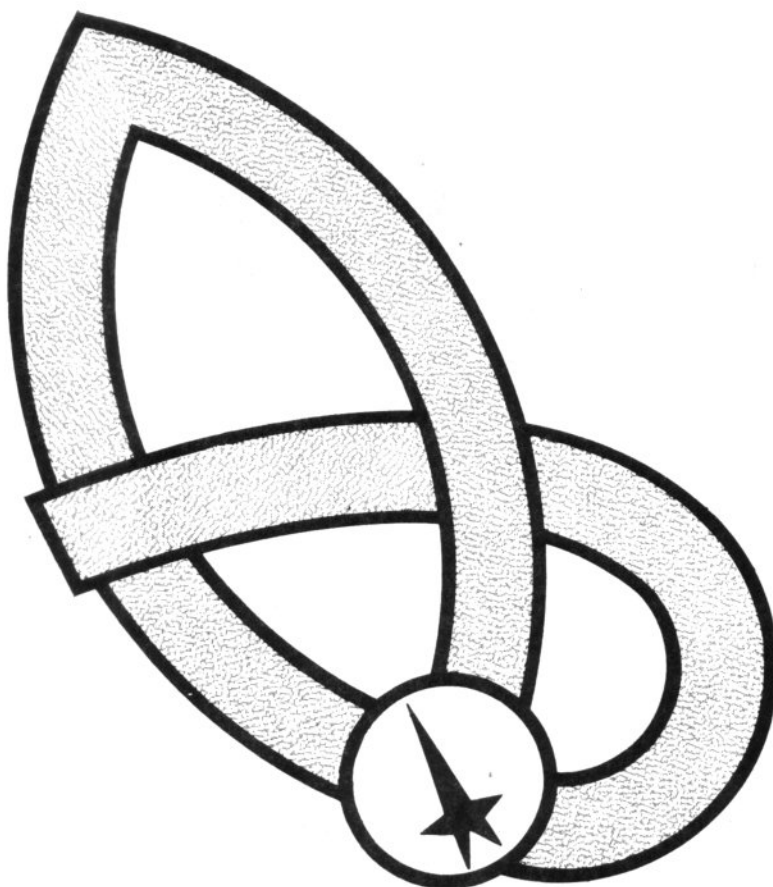
POTEMKIN NCC-1711

# UNIFORM INSIGNIA

## CONSTITUTION CLASS STARSHIPS



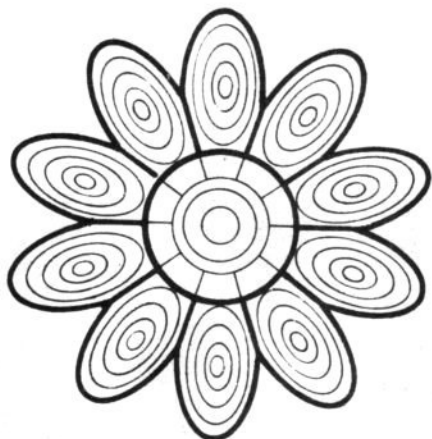
EXETER NCC-1706



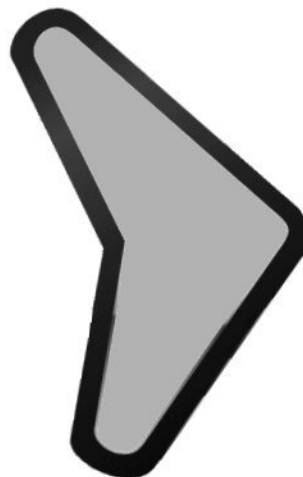
CONSTELLATION NCC-1017

# UNIFORM INSIGNIA

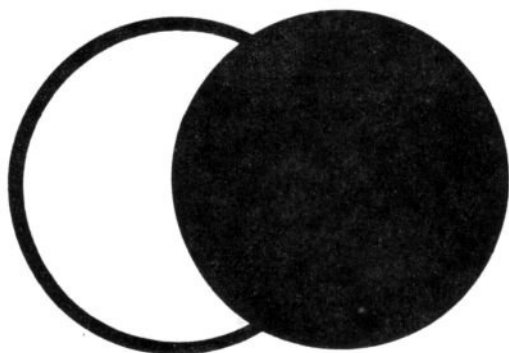
## STAR FLEET / STARBASE COMMAND



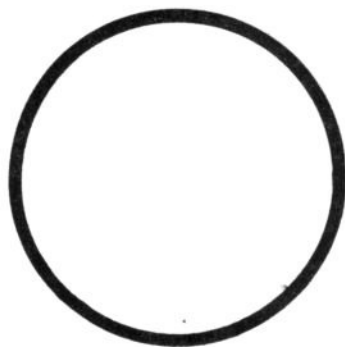
STAR FLEET COMMAND



STAR FLEET ADMIRALTY



OUTPOST COLONY



MONITOR STATION



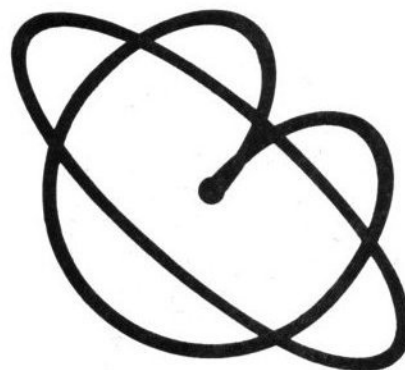
PENAL/REHAB COLONY

# **UNIFORM INSIGNIA**

## **STAR FLEET AUXILIARIES**



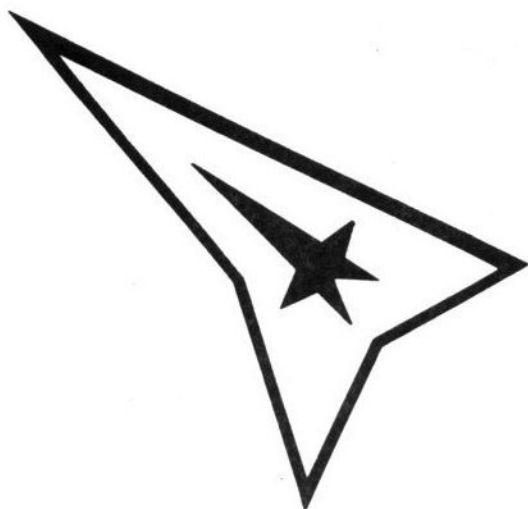
**MERCHANT  
MARINES**



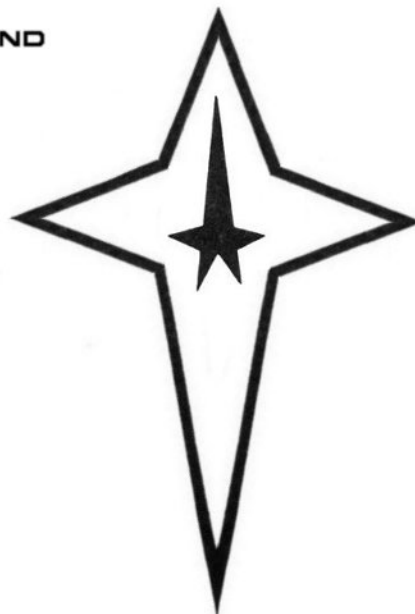
**SCIENCE PROBE/  
SURVEY VESSEL**



**STAR FLEET  
TRANSPORT COMMAND**



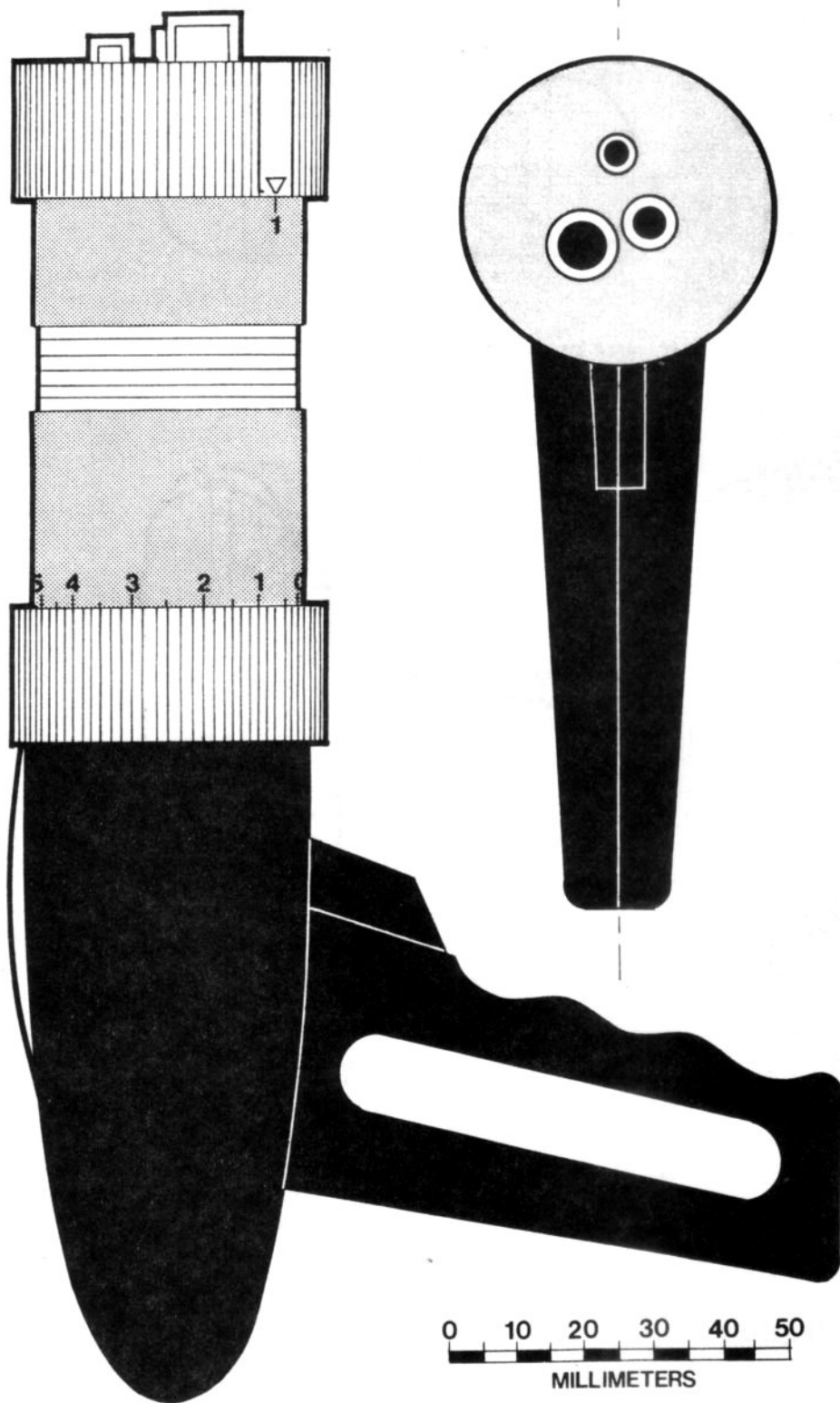
**STAR FLEET SURVEY  
CRUISER [c.2250]**



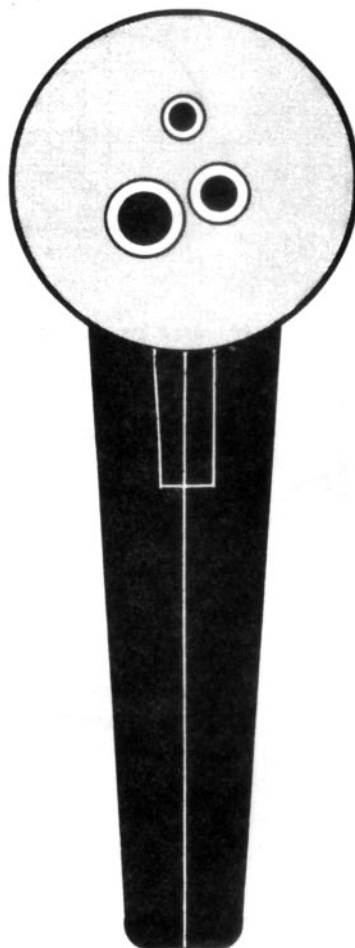
**STAR FLEET SURVEY  
CRUISER [c.2150]**

# 40 MM HAND LASER

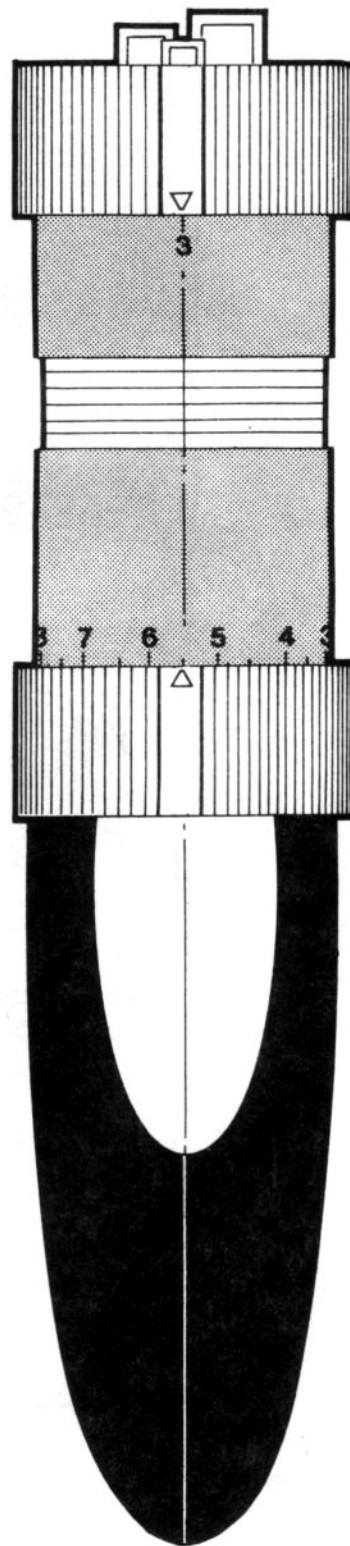
SIDE VIEW



FRONT VIEW

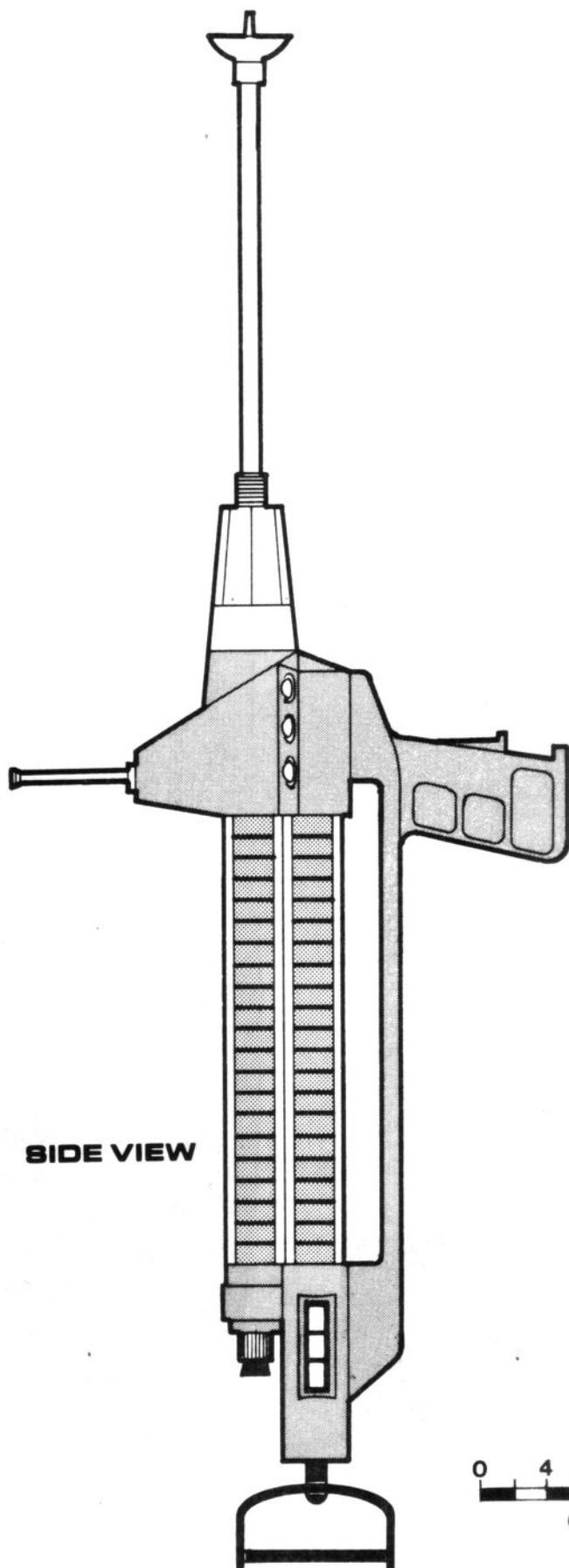


TOP VIEW

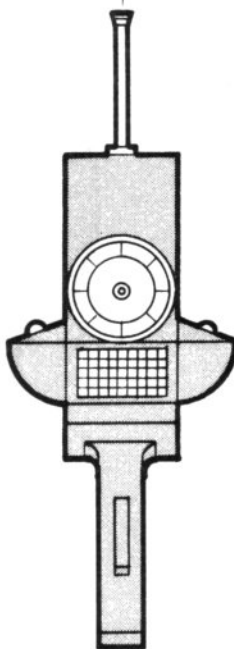


0 10 20 30 40 50  
MILLIMETERS

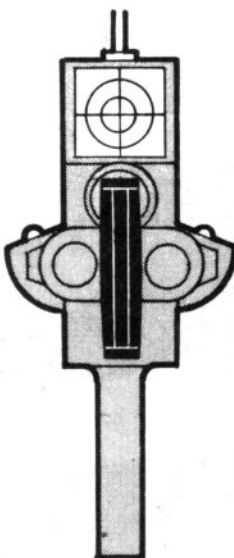
# PHASER RIFLE



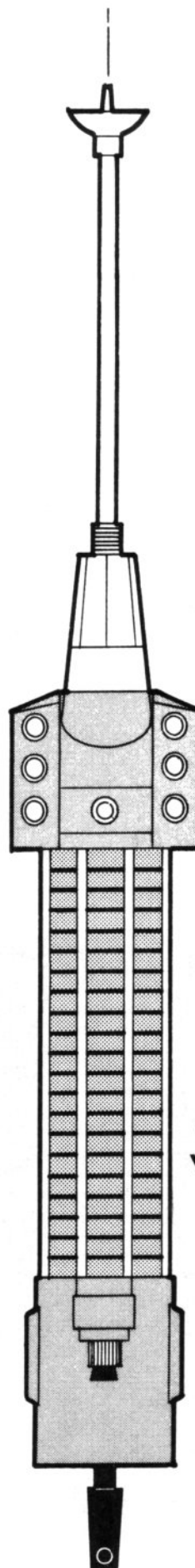
**FRONT VIEW**



**REAR VIEW**



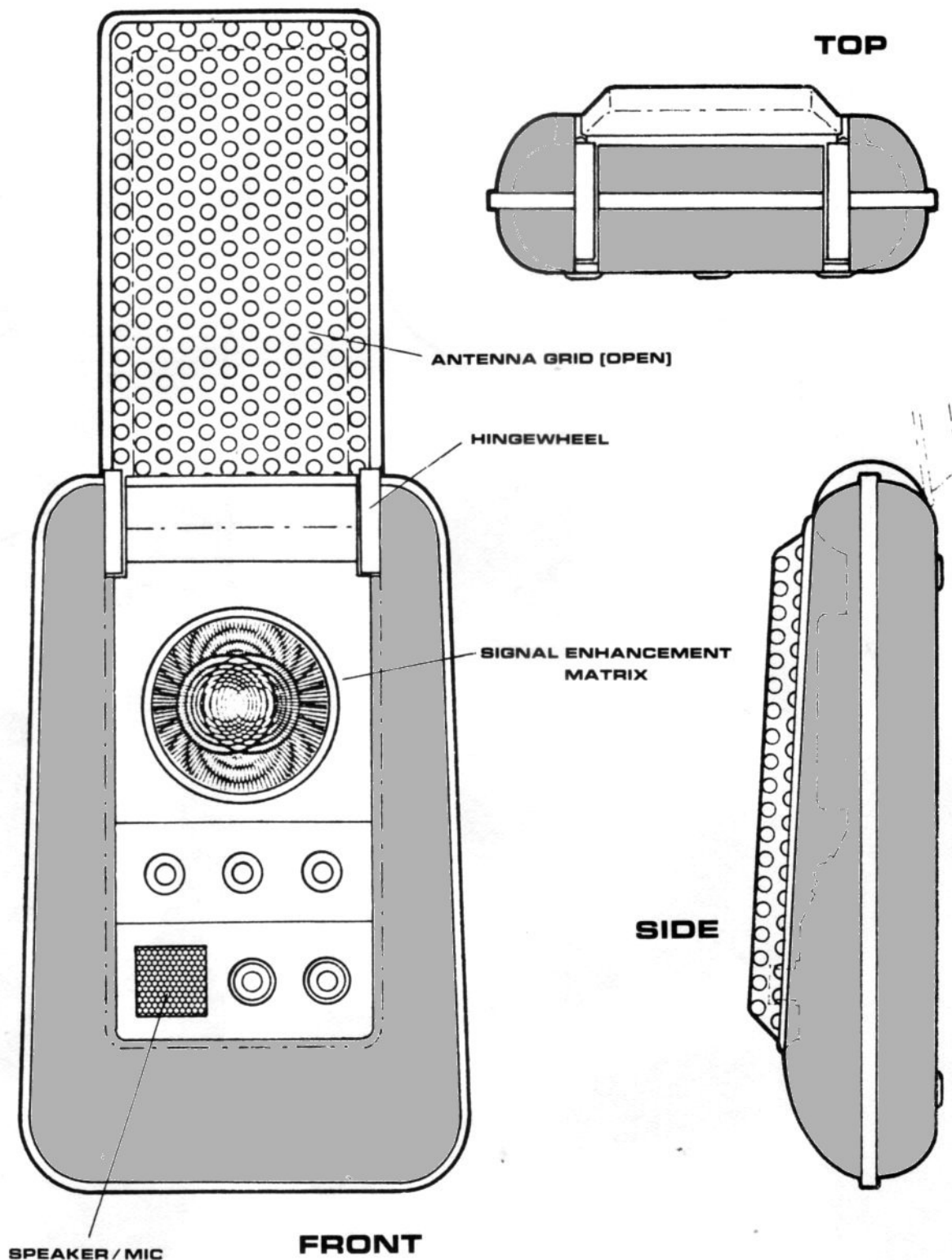
**TOP VIEW**





# COMMUNICATOR

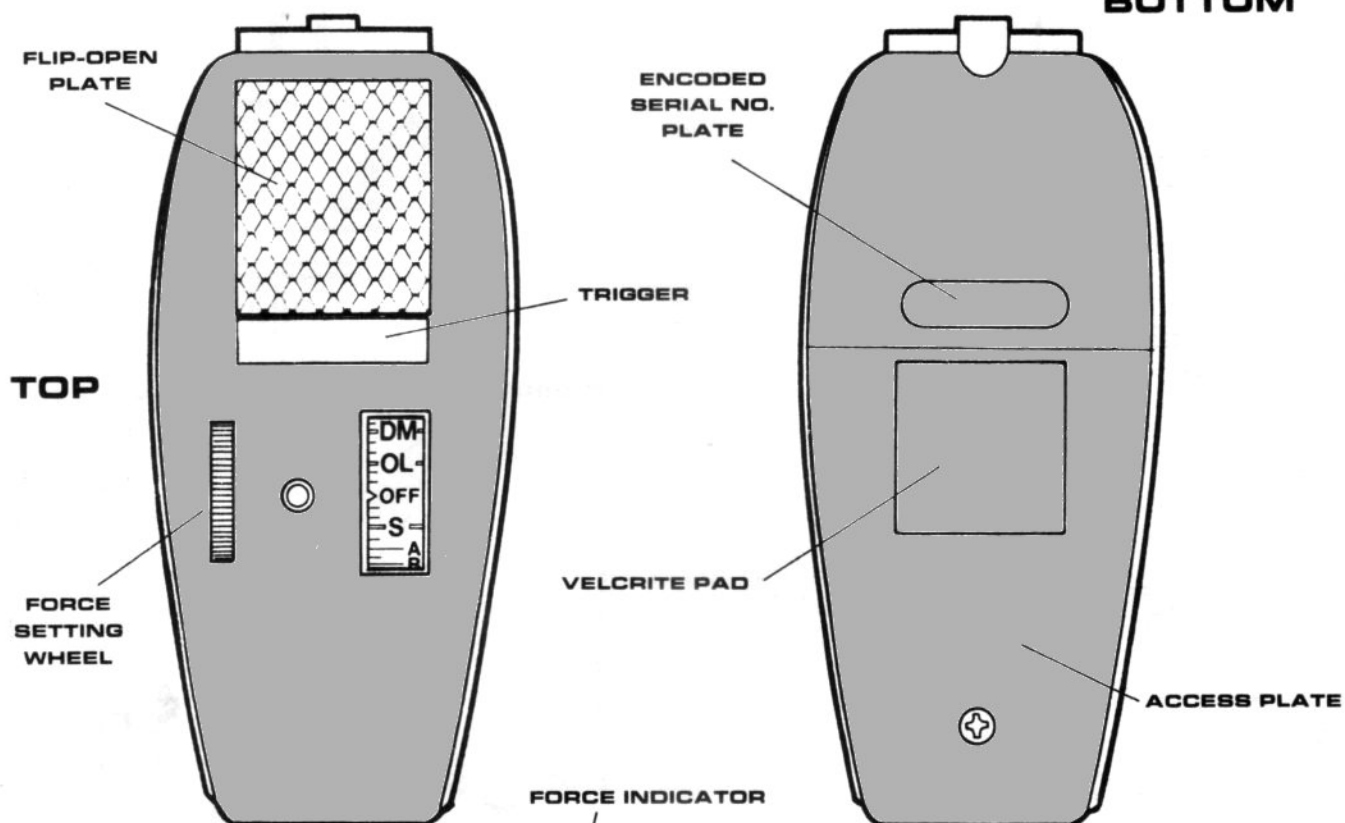
FIELD EQUIPMENT ITEM



# PHASER ONE

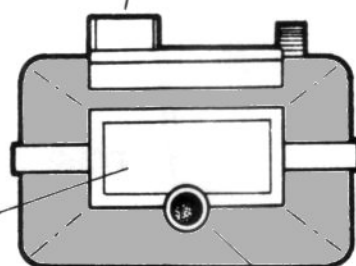
SHORT RANGE BEAM WEAPON

**BOTTOM**



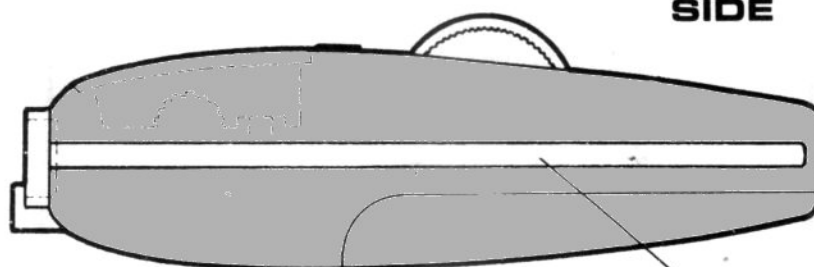
**FRONT**

PHASER II  
PATCH-IN PLATE



BEAM EMITTER

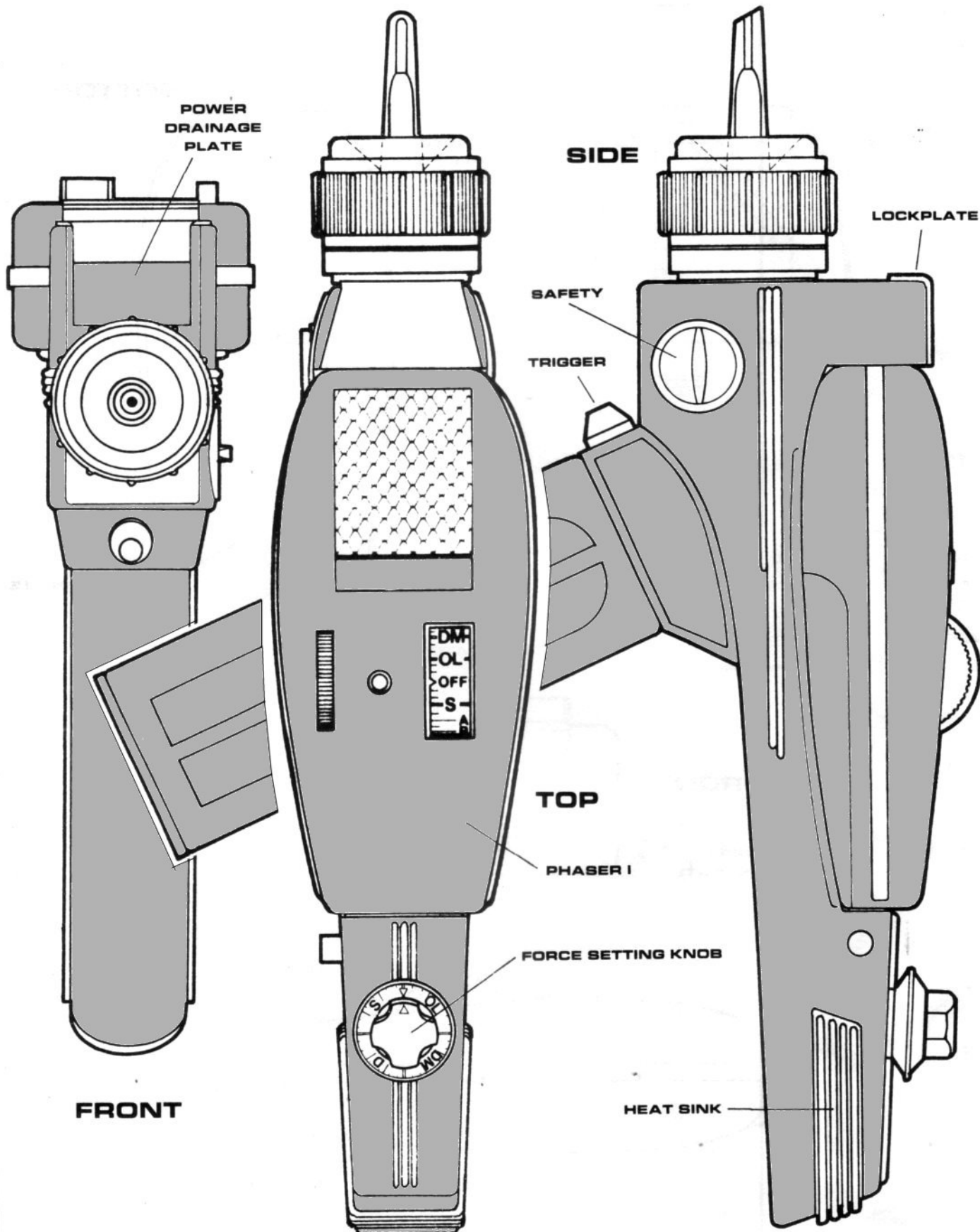
**SIDE**



HEAT SINK

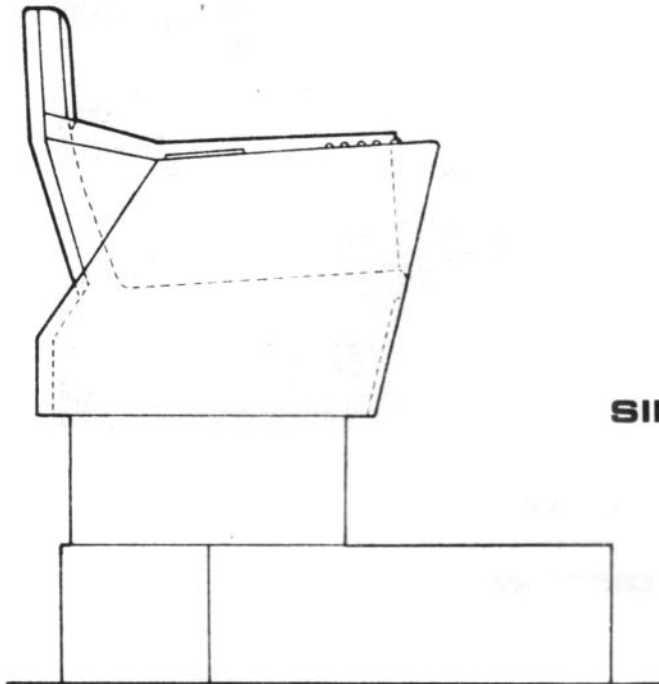
# PHASER TWO

MIDRANGE BEAM WEAPON

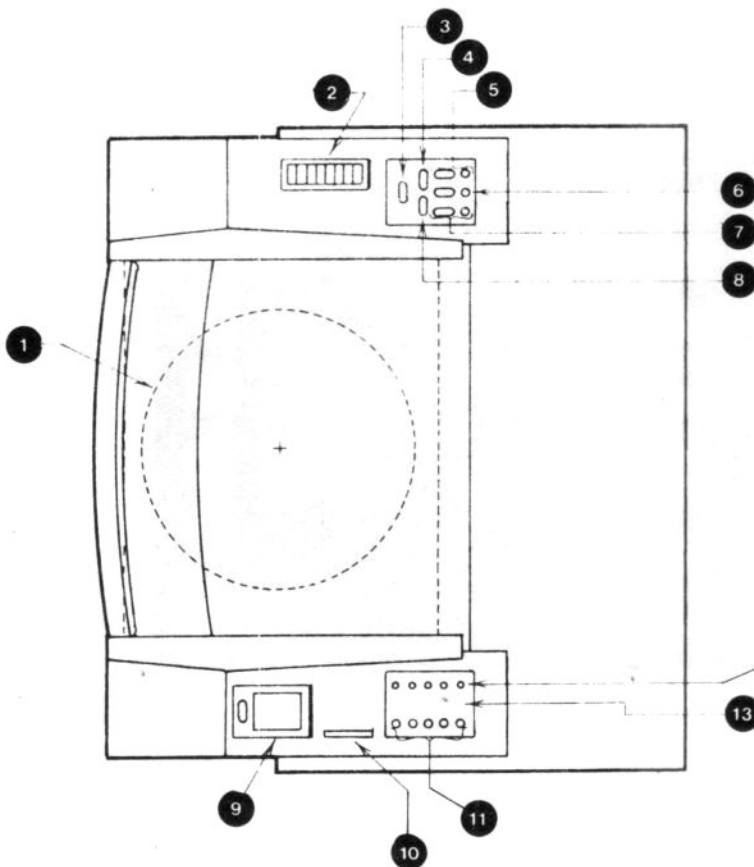


# COMMAND CHAIR

## MAIN BRIDGE



**SIDE VIEW**

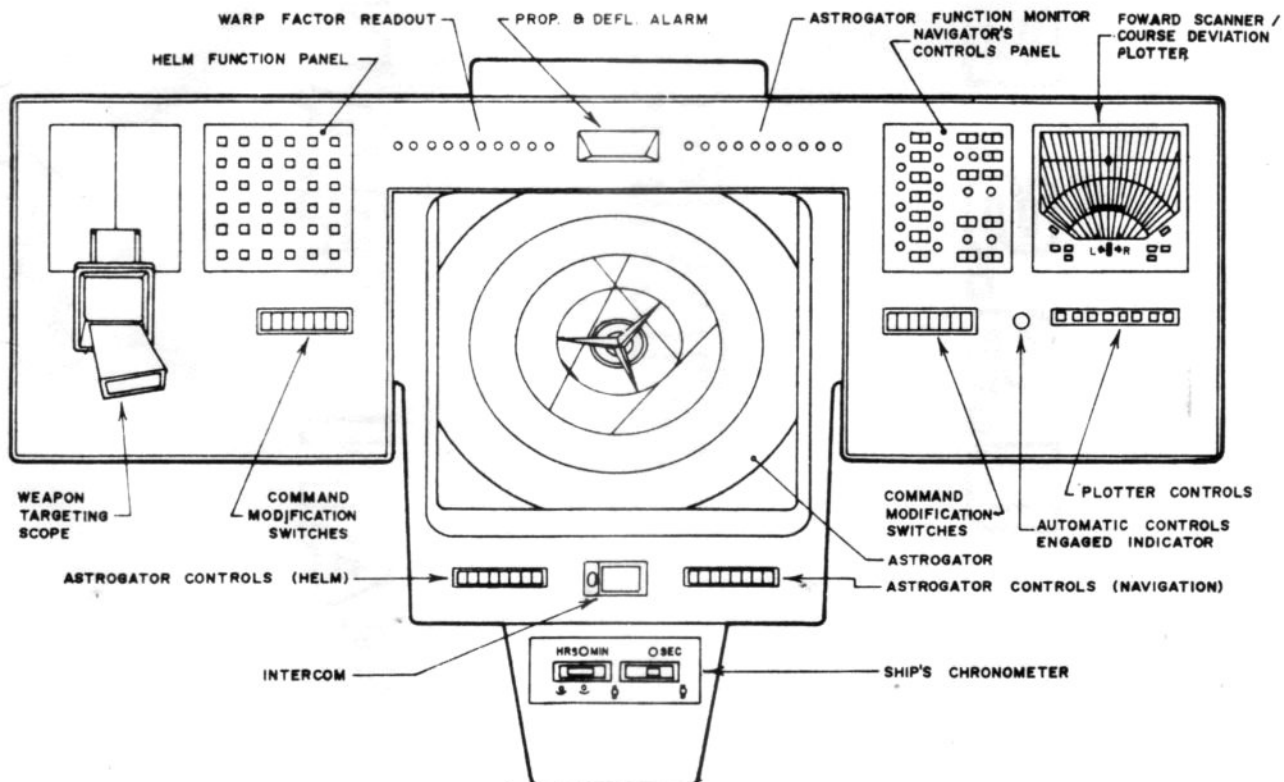
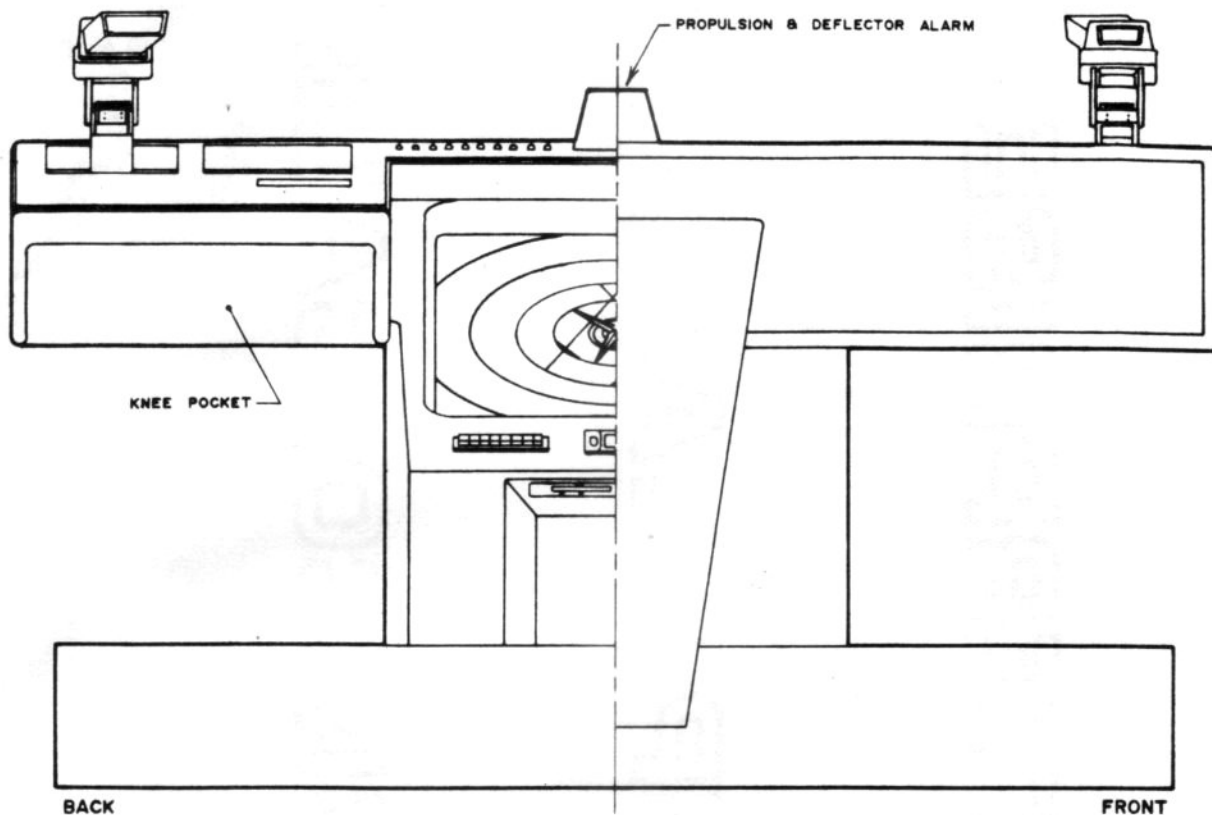


1. SUPPORT COLUMN
2. FUNCTION SELECT SWITCHES
3. CHAIR POSITIONING CONTROLS
4. PRIMARY HULL SEPARATION VERIFY
5. SECONDARY BRIDGE OVERRIDE
6. SECONDARY BRIDGE TRANSFER
7. WEAPONS INHIB / RELEASE
8. COMPUTER TIE-IN
9. INTERCOM
10. RECORD DECK DRIVE
11. FUNCTION ACTIVE INDICATORS
12. MANUAL EXECUTE BUTTONS
13. CONTROL LABELS SPACE

**TOP VIEW**

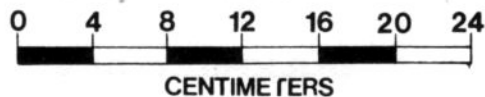
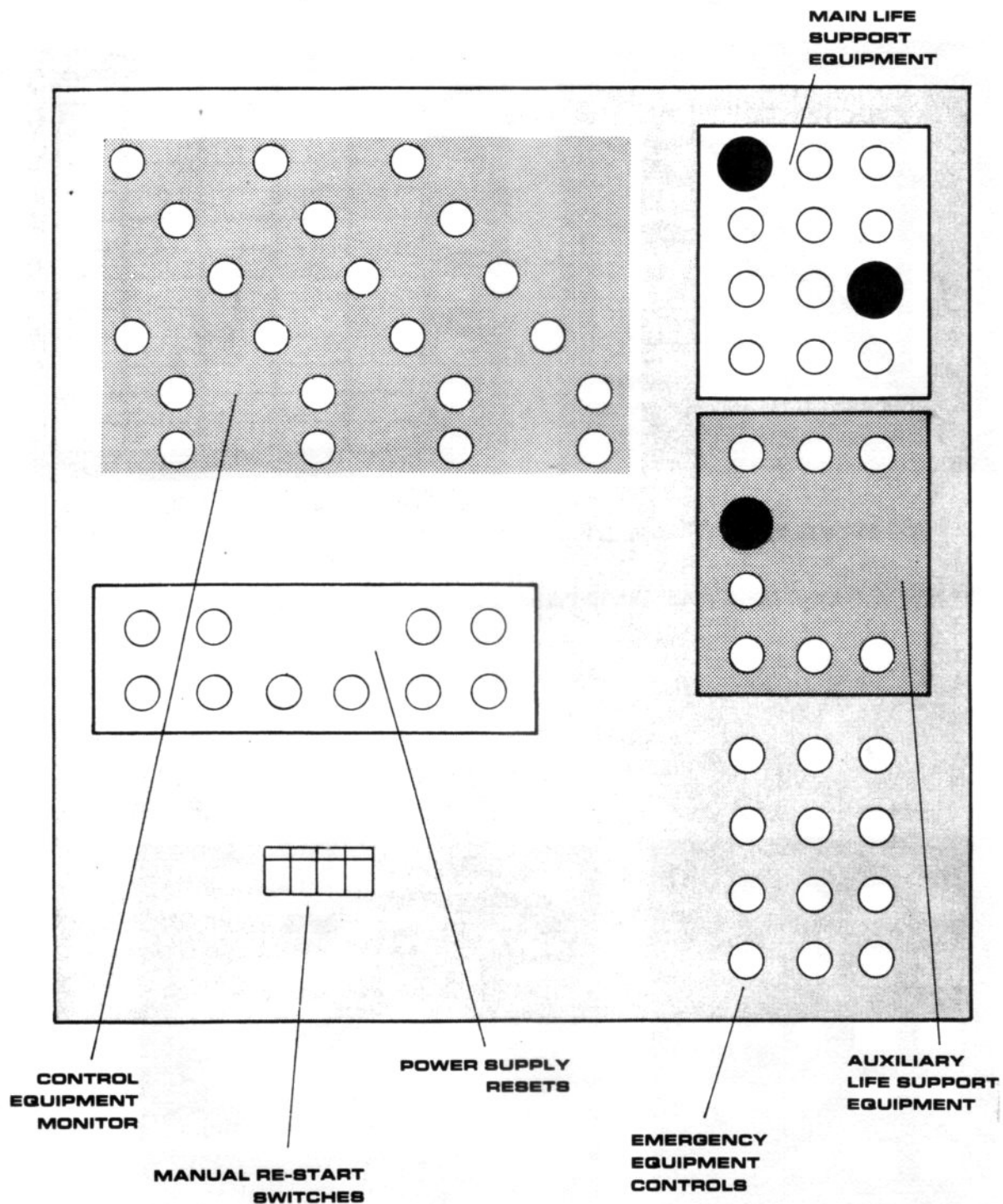
# HELM CONSOLE

## MAIN BRIDGE



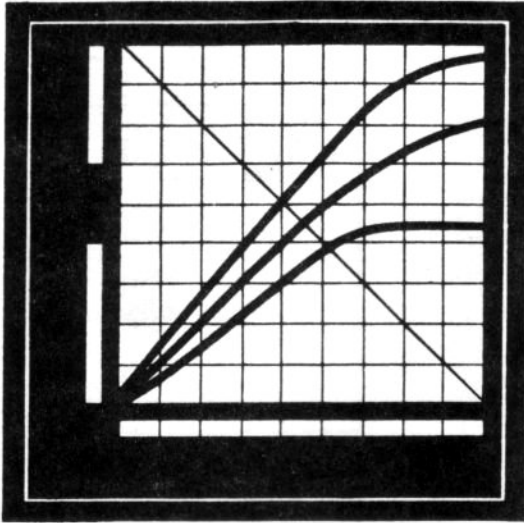
# EMERGENCY ENVIROMENTAL MTR.

## MAIN BRIDGE-CLASS I STARSHIPS

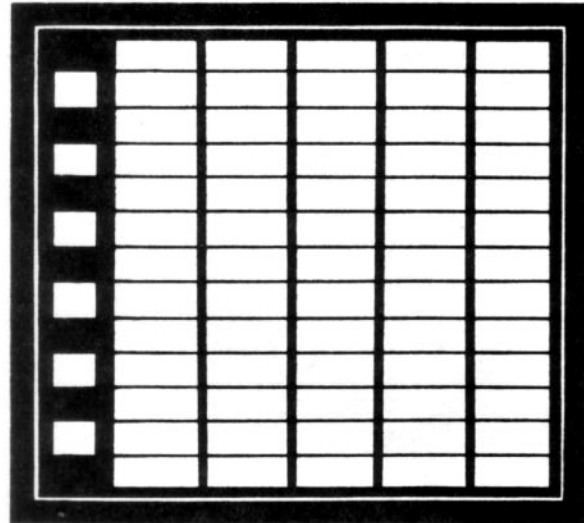


# LIFE SUPPORT MONITORS

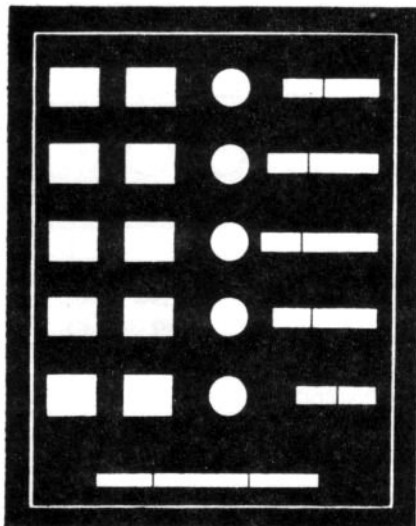
ENVIRONMENTAL ENGINEERING STATION — MAIN BRIDGE



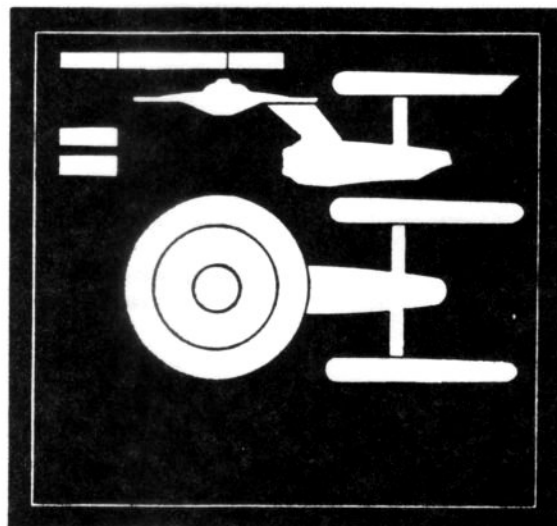
1. RESERVE SYSTEMS STATUS



2. ENVIRONMENTAL SYSTEMS STATUS BOARD



3. AIRLOCK STATUS 1 2 3 4 5

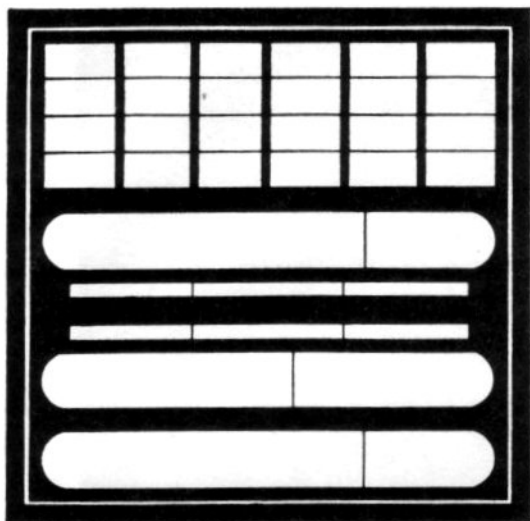


4. BULKHEAD SEAL/SECTION ISOLATION

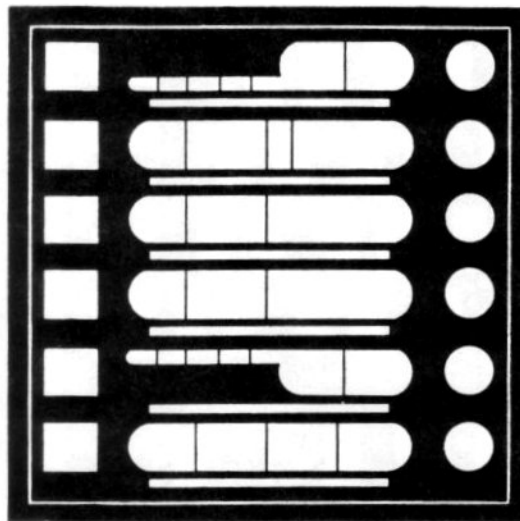


# LIFE SUPPORT MONITORS

ENVIRONMENTAL ENGINEERING STATION — MAIN BRIDGE



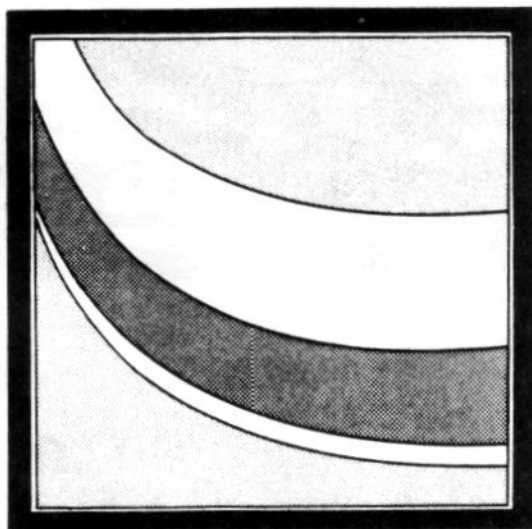
5. ATMOSPHERIC PRESSURE



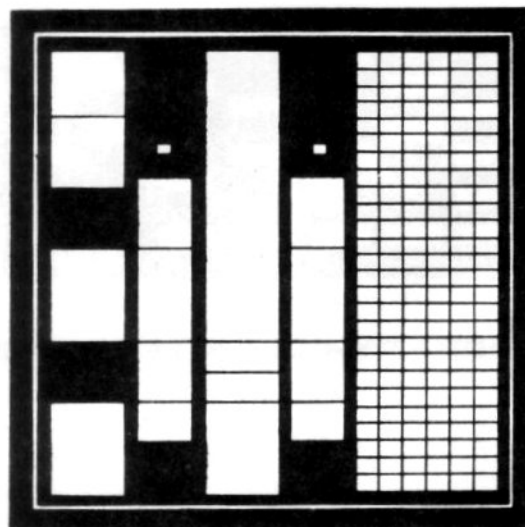
6. ENVIRONMENTAL CONDITIONS

PRIMARY HULL  
ENGINE NACELLES (PORT)  
(STARBOARD)  
SECONDARY HANGAR  
HANGAR DECK

GRAVITY  
TEMPERATURE  
RADIATION  
HUMIDITY  
ACCELERATION DAMPERS  
LIGHTING



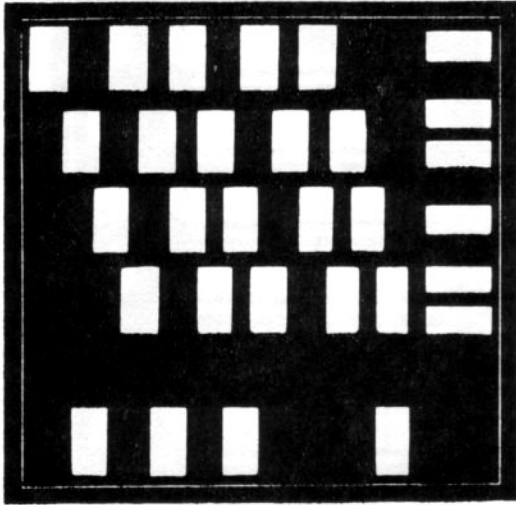
7. ATMOSPHERIC COMPOSITION  
[PARTIAL PRESSURE OF  $O_2$ ,  $N_2$ ,  $CO_2$ ,  $H_2$ ,  $H_2O$ ]



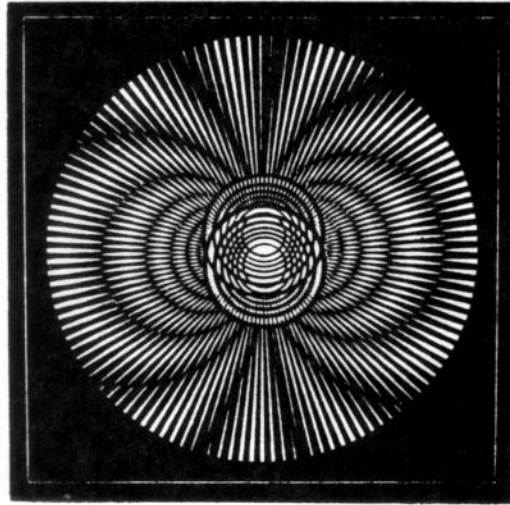
8. PRESSURE LOSS LOCATOR GRID / MASTER READOUT

# **SCIENCE SENSOR MONITORS**

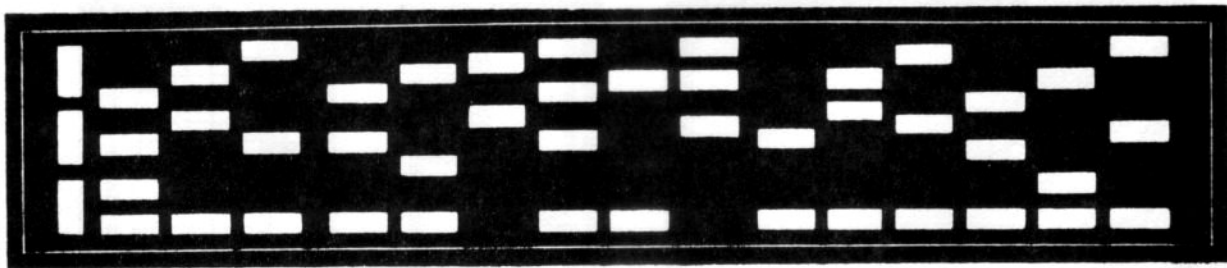
## **SCIENCE STATION — MAIN BRIDGE**



**1. PLANETARY SENSOR READOUT**



**2. SPACE SENSOR READOUT**

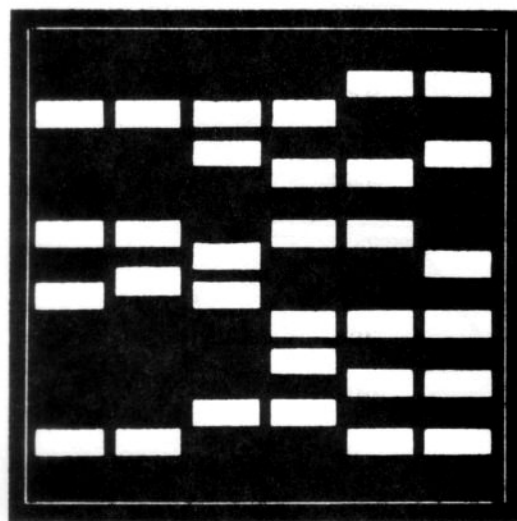
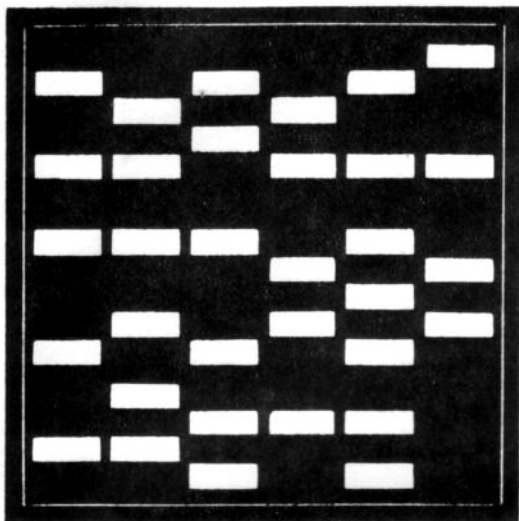


**3. LIBRARY-COMPUTER READOUT**

**NOTE: REFER TO HANDBOOK OF LIBRARY-COMPUTER OPERATIONS  
FOR MORE DETAILED INFORMATION.**

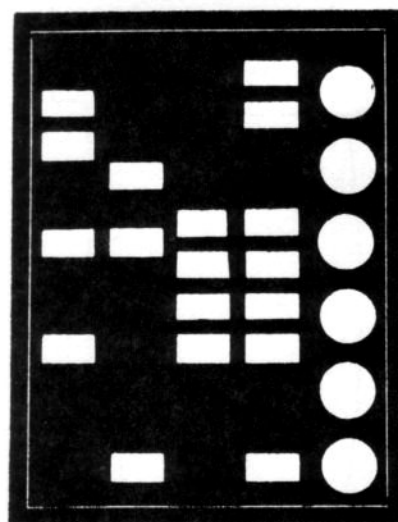
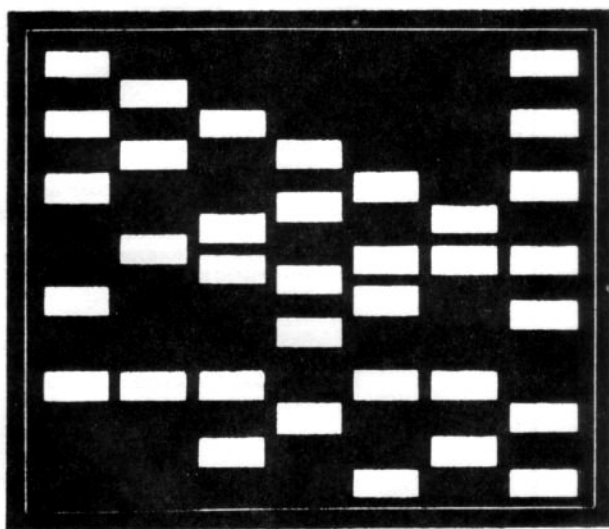
# SCIENCE SENSOR MONITORS

SCIENCE STATION — MAIN BRIDGE



4. ELECTROMAGNETIC DISPLAY

5. PARTICLE RADIATION DISPLAY



6. GRAVITATIONAL FIELD DISPLAY

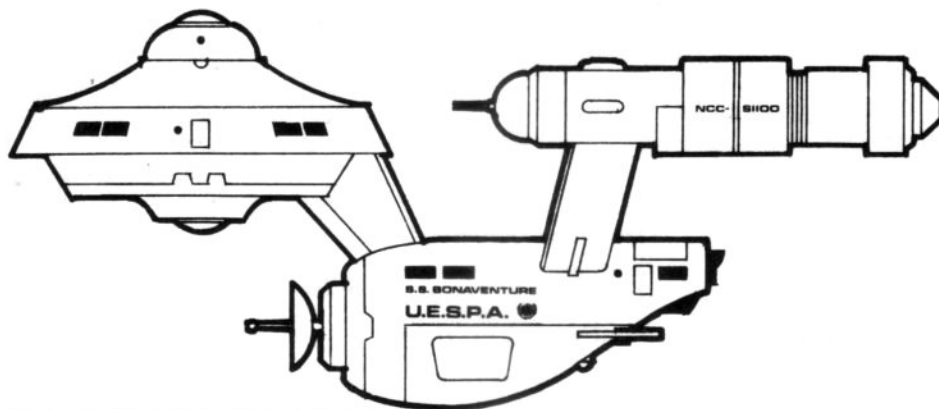
7. LIFE READINGS DISPLAY



# **SHIP RECOGNITION**

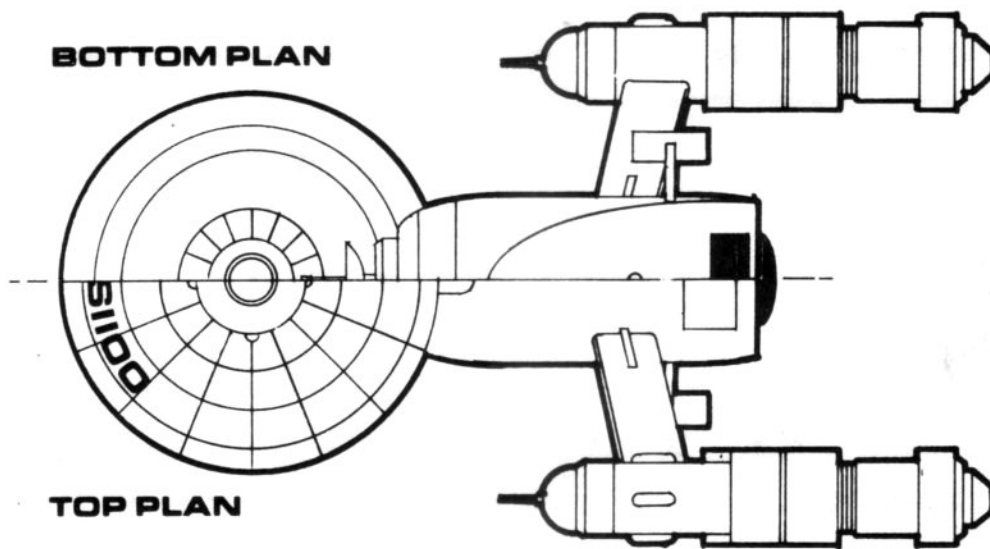
# **GALACTIC SURVEY CRUISER**

## **BONAVENTURE CLASS STARSHIPS**

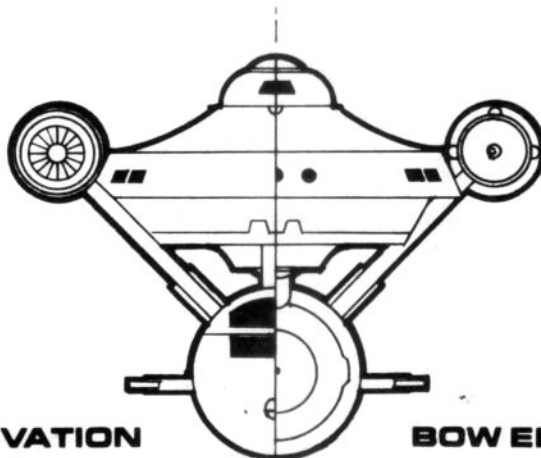


**PORT SIDE PROFILE**

**BOTTOM PLAN**



**TOP PLAN**



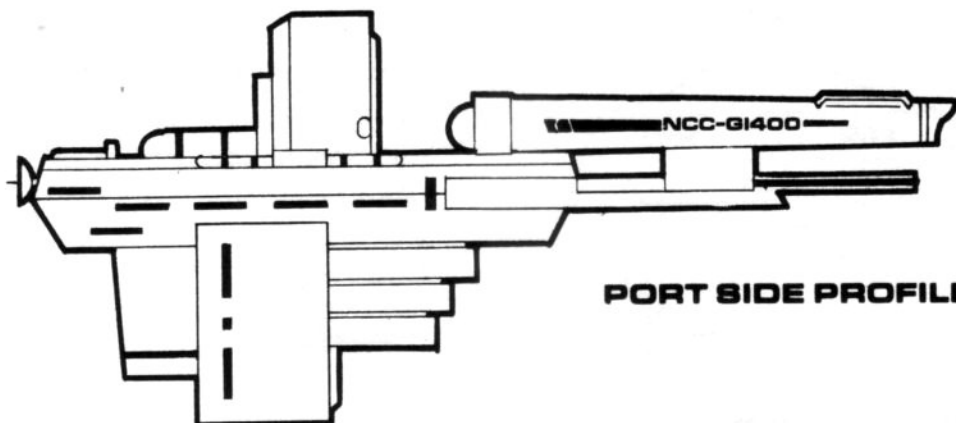
**STERN ELEVATION**

**BOW ELEVATION**



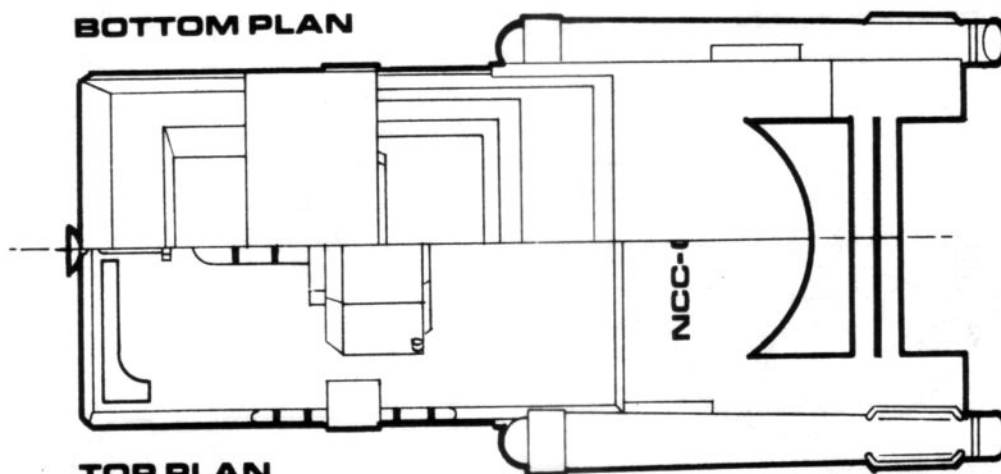
# CARGO DRONE

## SHERMAN CLASS STARSHIPS

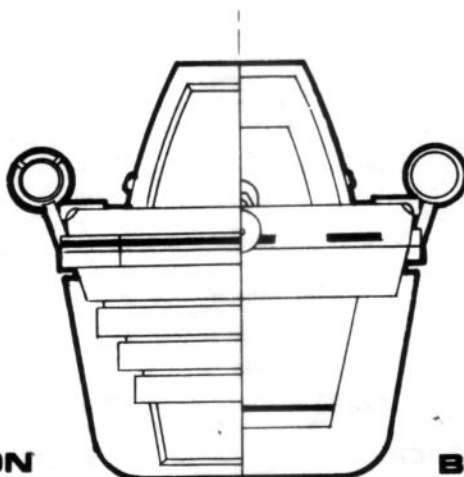


PORT SIDE PROFILE

BOTTOM PLAN



TOP PLAN



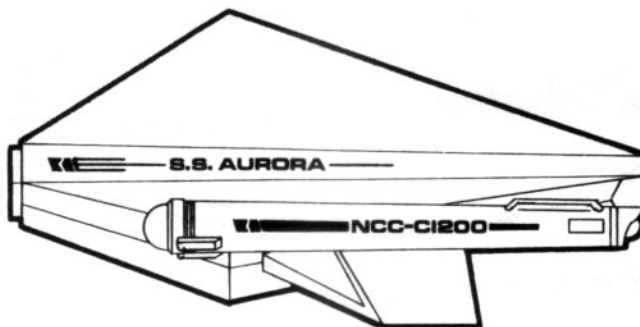
STERN ELEVATION

BOW ELEVATION

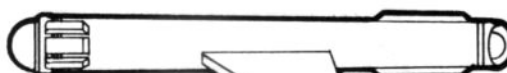


# SPACE CRUISER

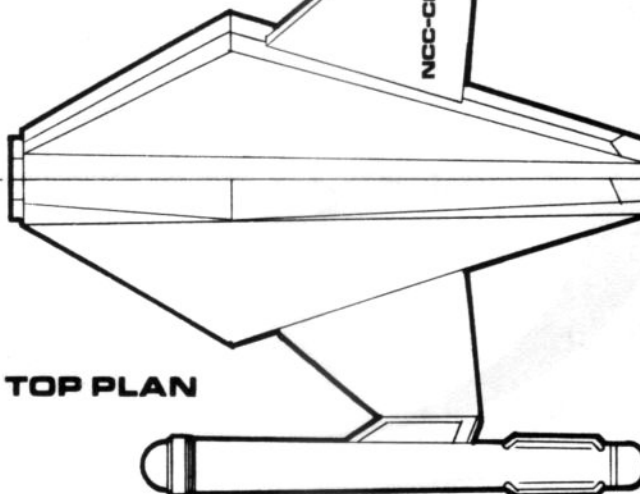
## AURORA CLASS STARSHIPS



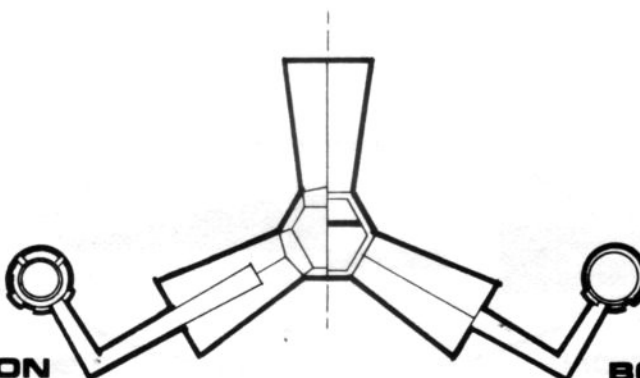
**PORT SIDE PROFILE**



**BOTTOM PLAN**



**TOP PLAN**



**STERN ELEVATION**

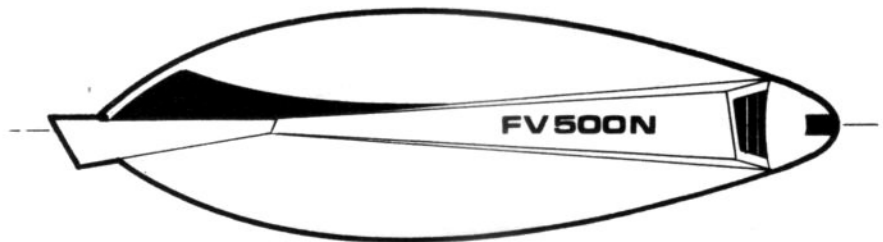
**BOW ELEVATION**





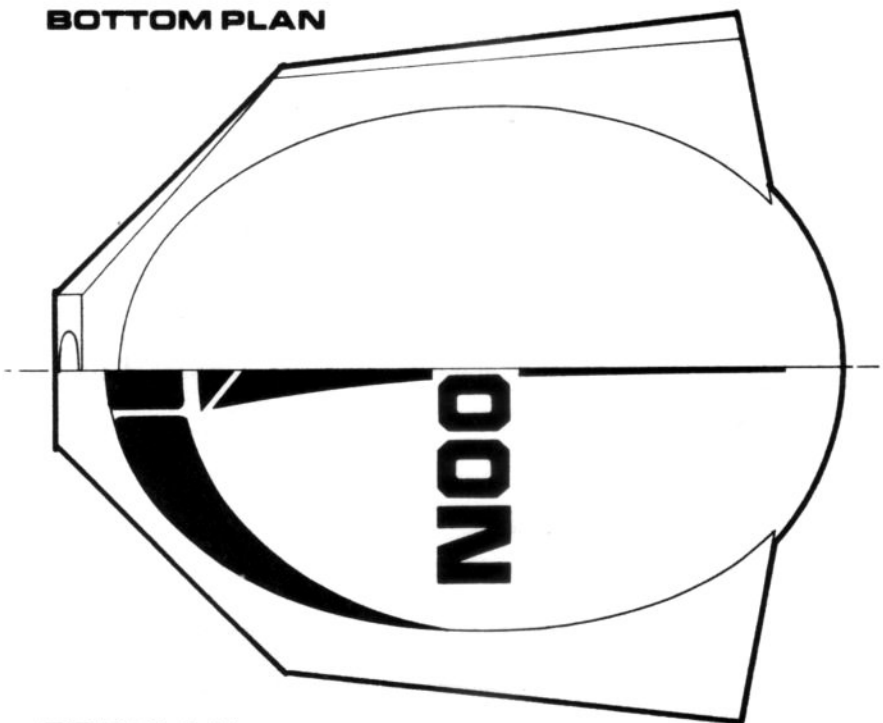
# SCOUT

COCHRANE INDUSTRIES MK-IV

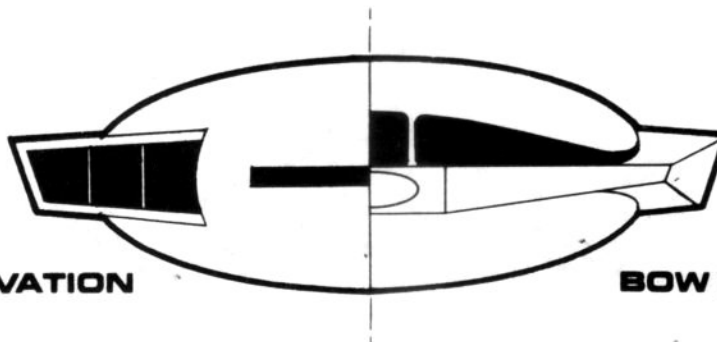


PORT SIDE PROFILE

BOTTOM PLAN



TOP PLAN



STERN ELEVATION

BOW ELEVATION



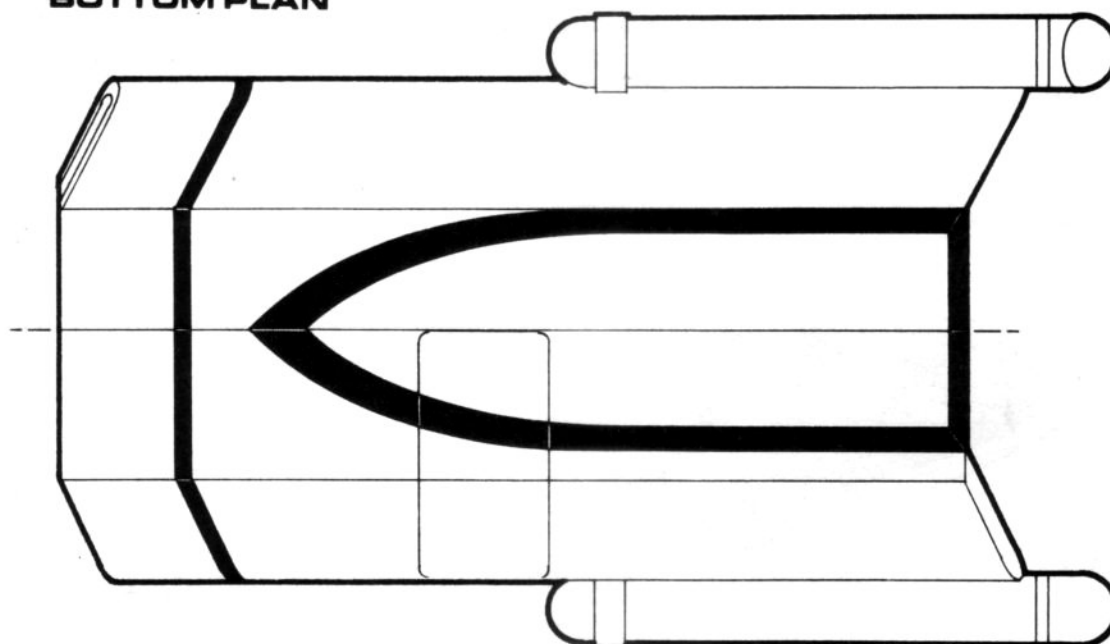
# AQUASHUTTLE

AQUATIC RECONNAISSANCE VEHICLE



PORT SIDE PROFILE

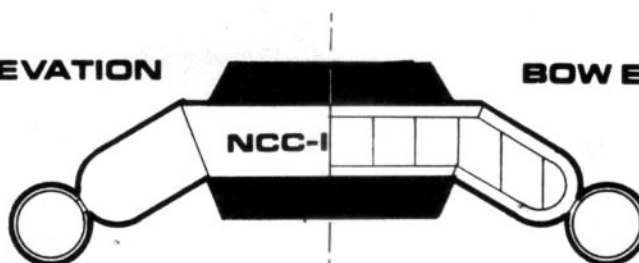
BOTTOM PLAN



TOP PLAN

STERN ELEVATION

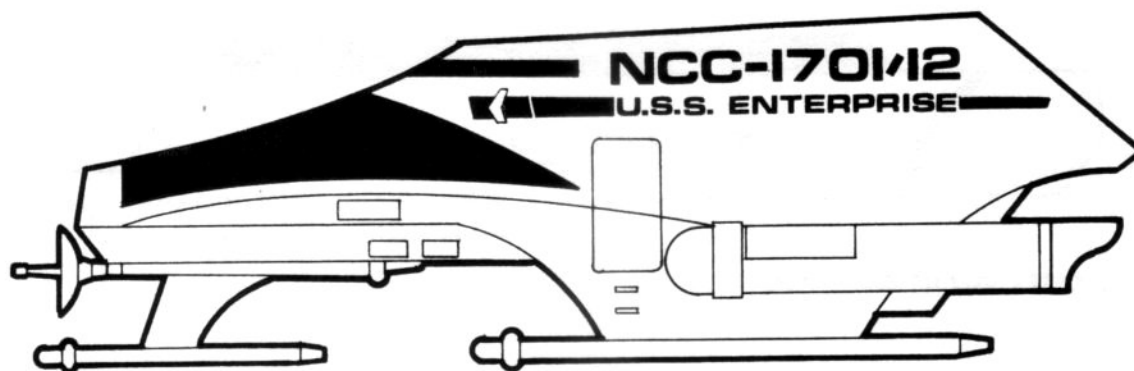
BOW ELEVATION



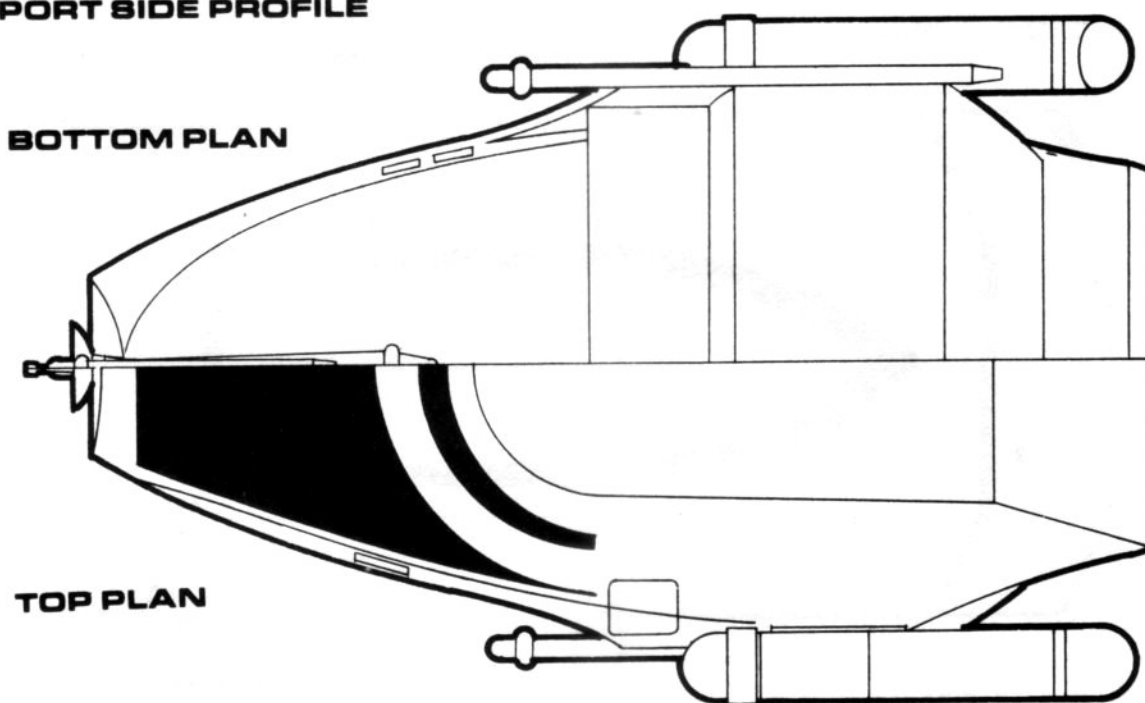
0 1 2 3 4 5  
METERS

# SHUTTLECRAFT

HEAVILY ARMORED



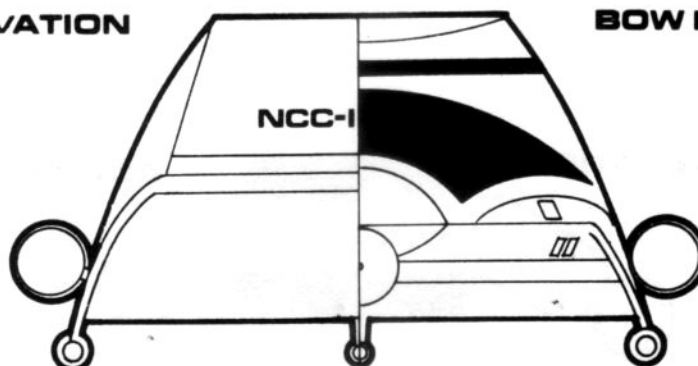
PORT SIDE PROFILE



BOTTOM PLAN

TOP PLAN

STERN ELEVATION

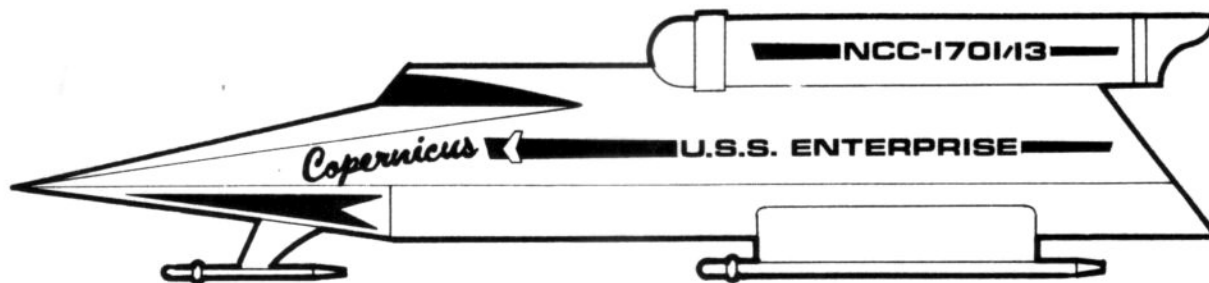


BOW ELEVATION



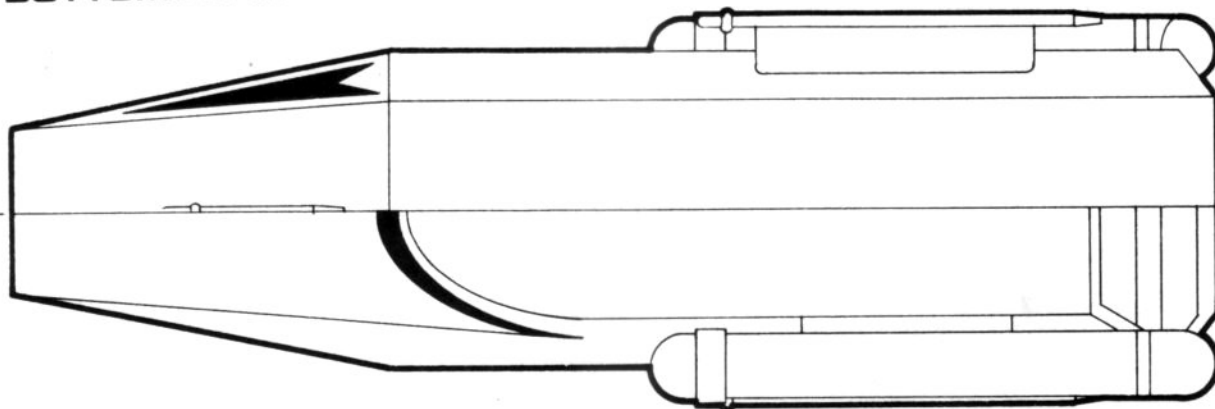
# SHUTTLECRAFT

## LONG-RANGE TRANSPORT

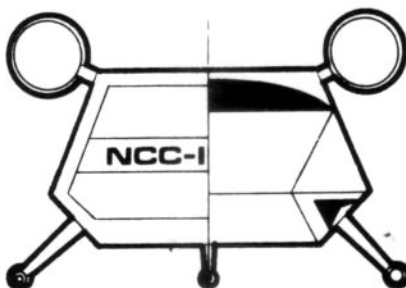


PORT SIDE PROFILE

BOTTOM PLAN



TOP PLAN



STERN ELEVATION

BOW ELEVATION

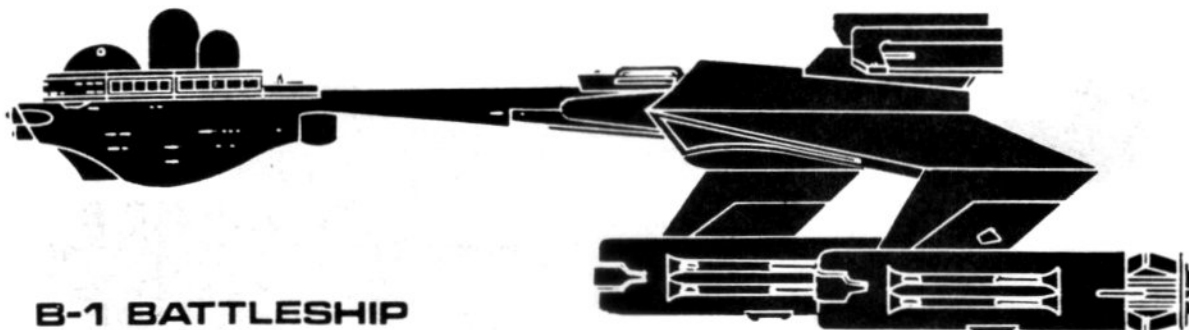




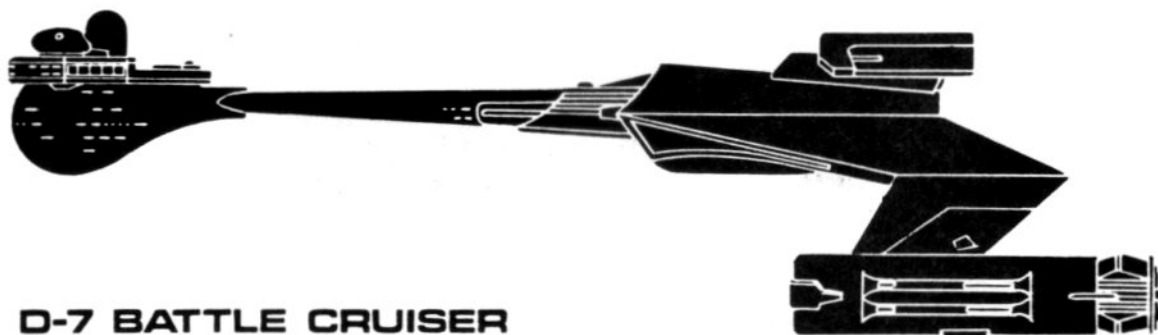
**INTELLIGENCE**  
**(ALIEN)**

# WARSHIP RECOGNITION\*

## KLINGON IMPERIAL FLEET

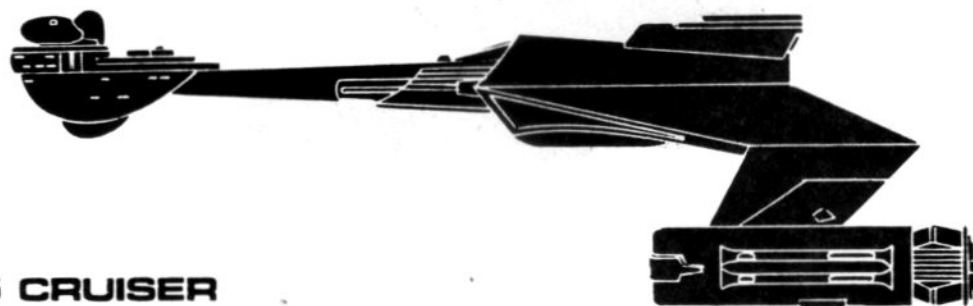


**B-1 BATTLESHIP**



**D-7 BATTLE CRUISER**

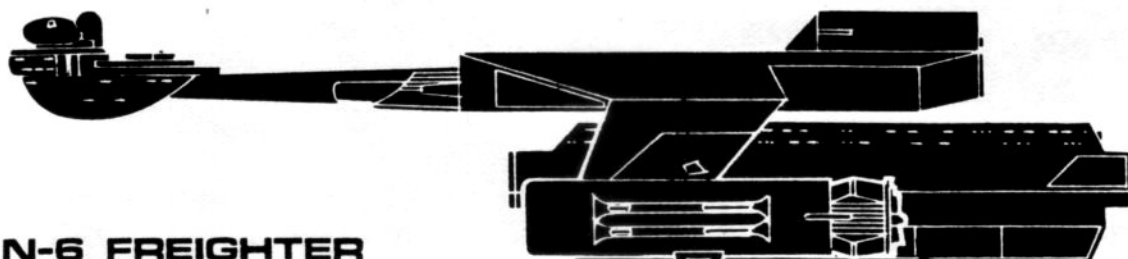
**NOTE: K'T'INGA CLASS IS SIMILAR**



**K-5 CRUISER**

# WARSHIP RECOGNITION

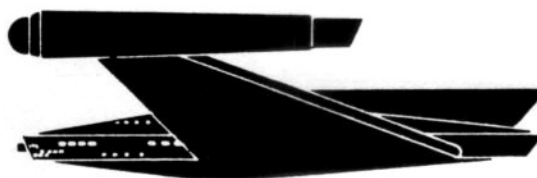
KLINGON IMPERIAL FLEET/ROMULAN SPACE NAVY



**N-6 FREIGHTER**



**ES-A2 DESTROYER**

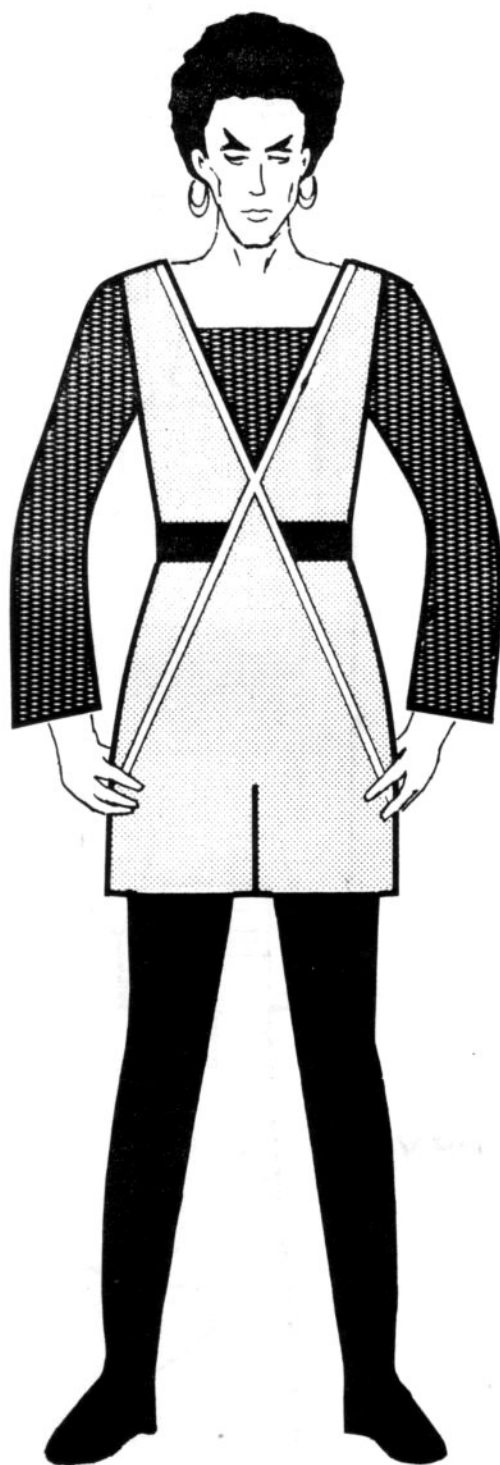
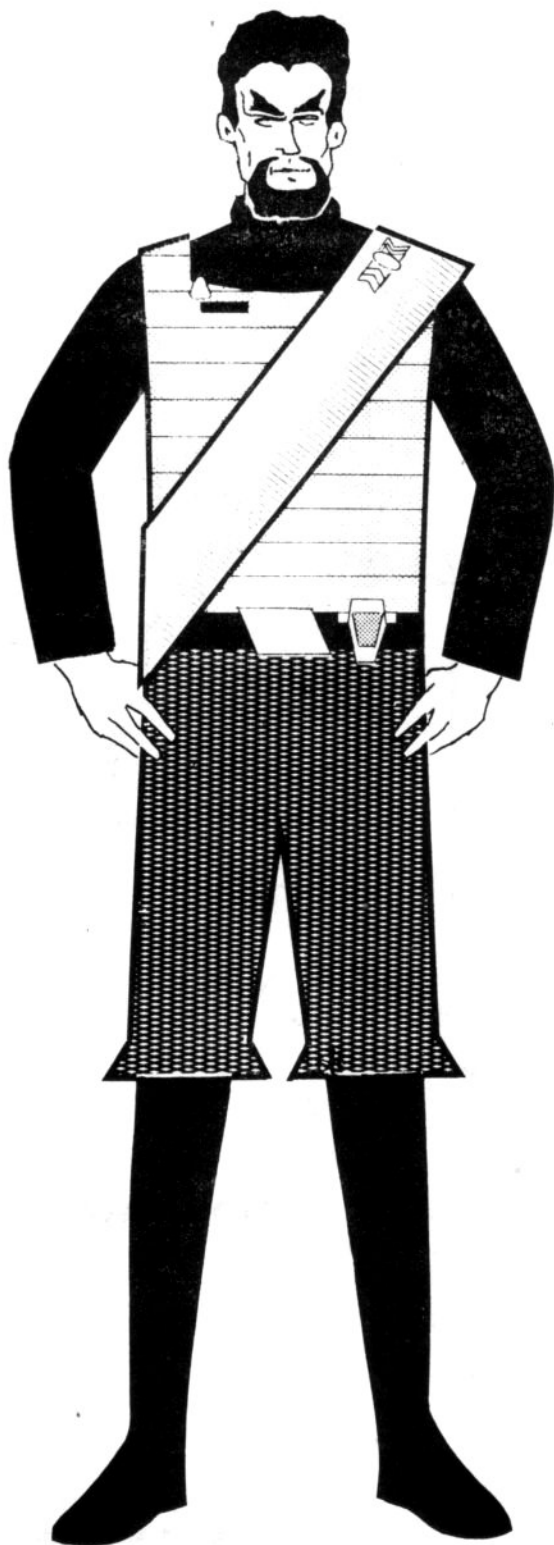


**P-1A CRUISER**



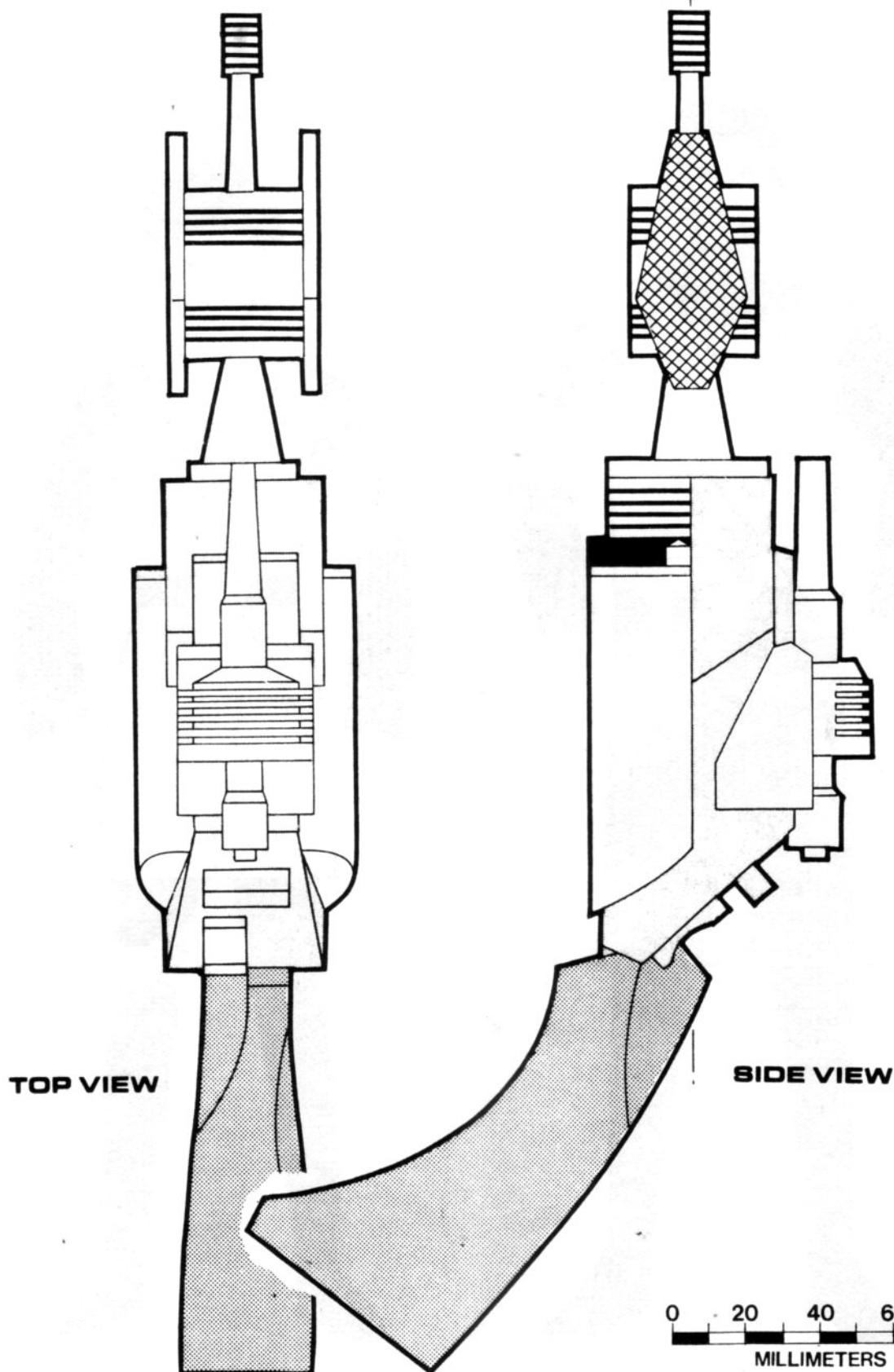
# DUTY UNIFORMS

## KLINGON IMPERIAL FLEET

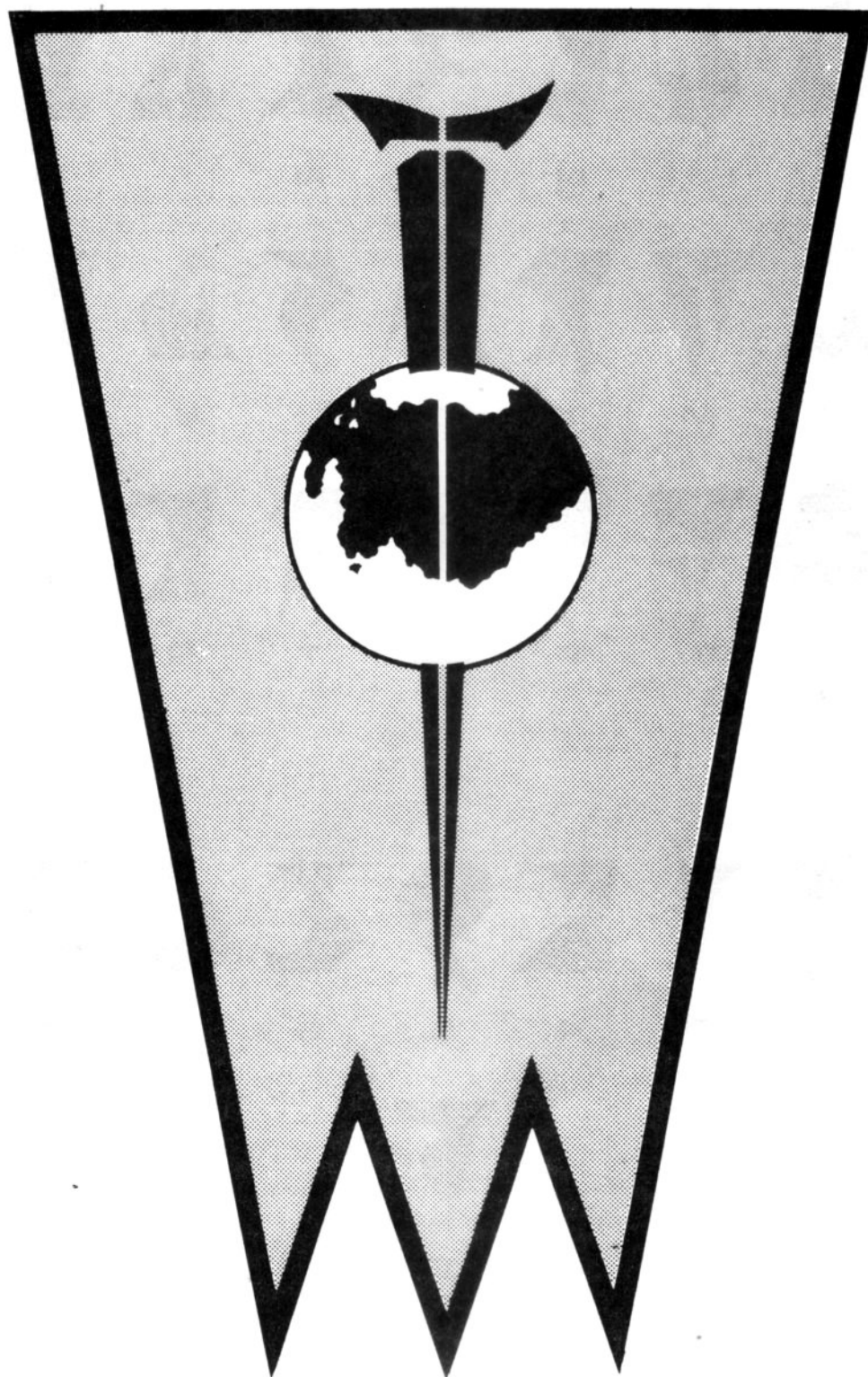


# KLINGON SONIC DISRUPTER PISTOL

STANDARD FIELD EQUIPMENT ITEM



**KLINGON EMPIRE**  
**M-O GALAXY**



# KLINGONESE CHARACTERS

WITH TERRANGLO EQUIVALENTS



K L E, I, Ī N O, Ô N F B D



G A M X TH H V J E



S Y W P OO T R U, E Z



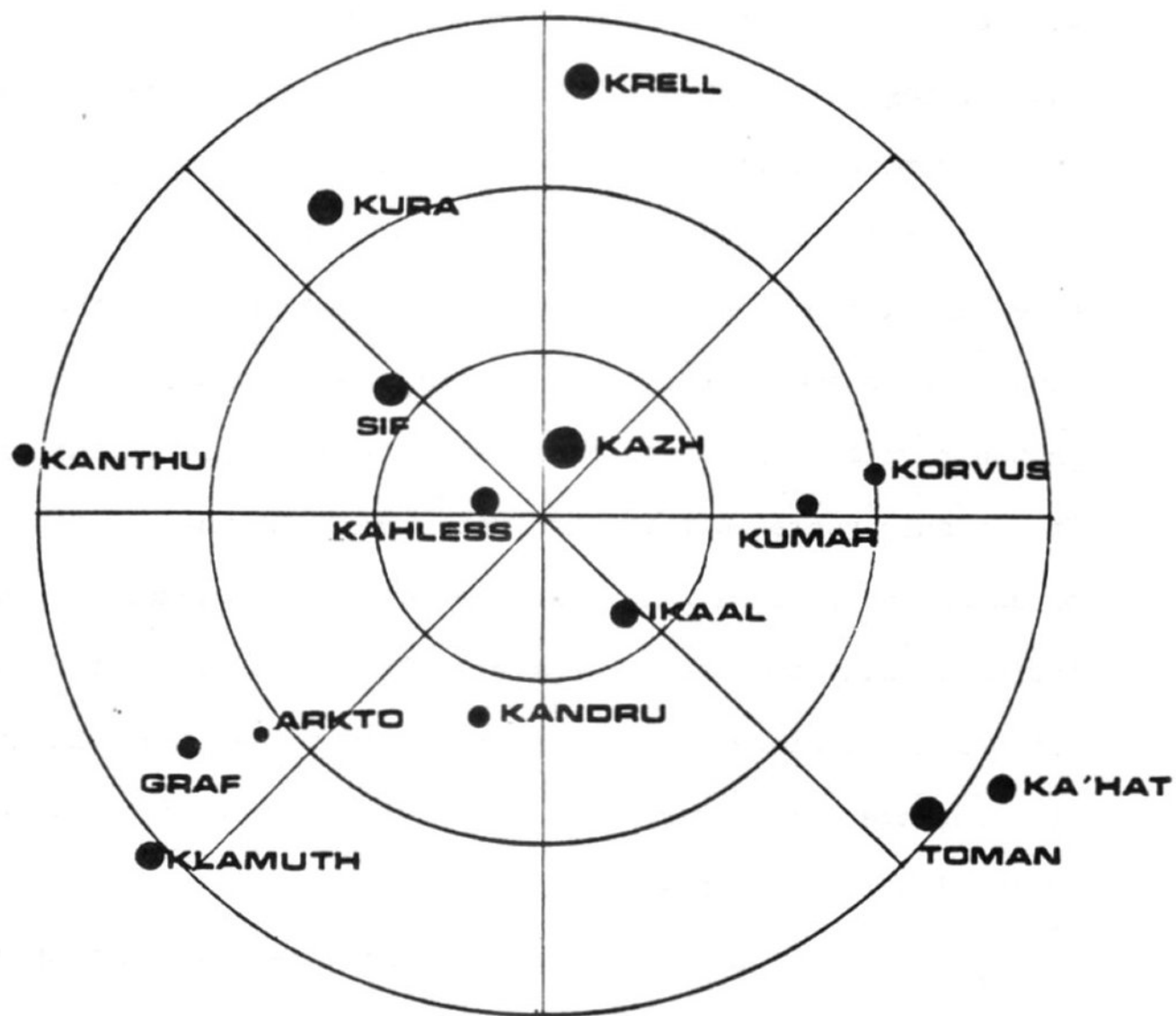
1 2 3 4 5 6 7 8 9



10

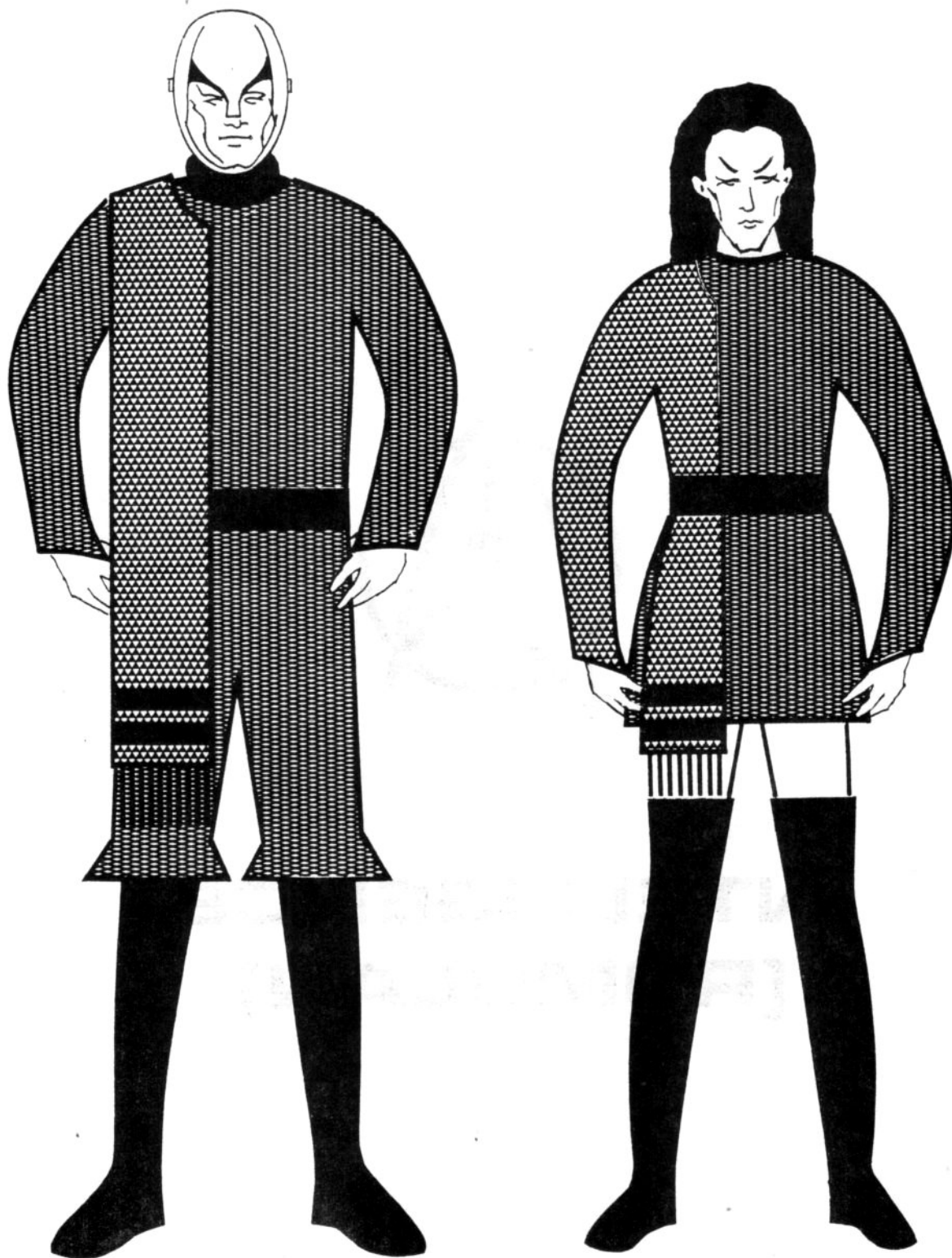
# KLINGON EMPIRE

## INTERNAL ARRANGEMENT



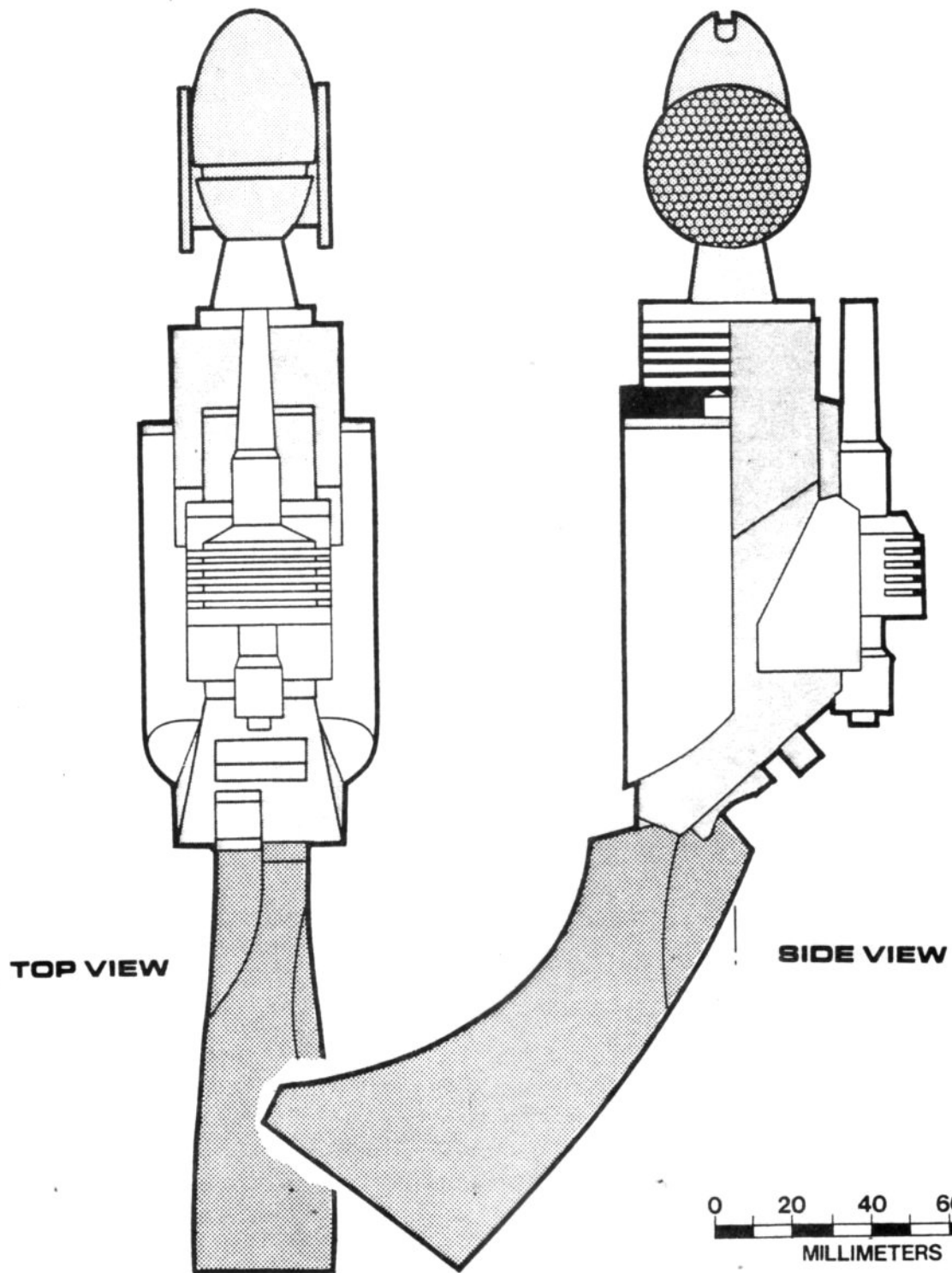
# DUTY UNIFORMS

ROMULAN PRAETORIAN GUARD

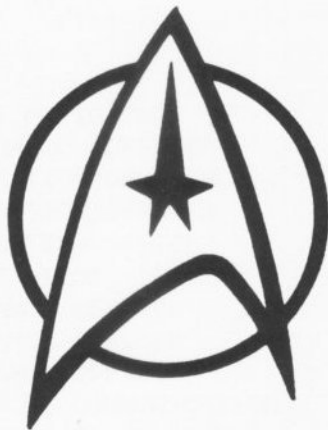


# ROMULAN SONIC DISRUPTOR

STANDARD FIELD EQUIPMENT ITEM



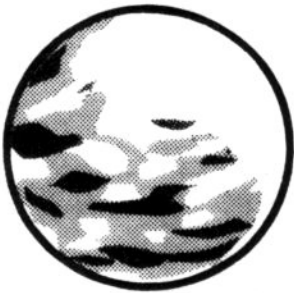






**PLANETARY**

# PLANETARY CLASSIFICATION

	Surface	Atmosphere	Description	Example	Life Forms
<b>A</b>	tenuous, may not be present	reducing: methane, etc.	radiates heat, "failed" star	Jupiter	unknown
<b>B</b>	tenuous, may not be present	reducing	non-radiant	Neptune	unknown
<b>C</b>	iron/silicate	reducing, dense	high surface temperature	Venus	Medusans, Tholians
<b>D</b>	metallic/silicate	fluid, very dense	small, young	Excalbia	carbon cycle
<b>E</b>	silicate, some metals	reducing/oxidizing	large molten core	Janus VI	Hortas
<b>F</b>	silicate, some metals	oxidizing	very young (less than $10^9$ years)	Delta-Vega	little or no free oxygen
<b>G</b>	silicate	oxidizing, thin	desert planet	Rigel XII	humanoid
<b>H</b>	silicate	variable	geologically active	Gothos	unknown
<b>I</b>	nickel-iron/silicate	(A-G) none; (H-N) tenuous	asteroids	Ceres Yonada	Vedala
<b>J</b>	silicate	very tenuous: noble gases	moons	Luna	unknown
<b>K</b>	silicate	tenuous: some water	adaptable with pressure domes	Mars	primitive invertibrates
<b>L</b>	silicate/water	oxidizing	geologically inactive	Psi 2000	humanoid
<b>M</b>	silicate/water	oxidizing	geologically active	Terra	humanoid
<b>N</b>	water entirely	oxidizing	pelagic planet	Argo	humanoid

	Appearance	Description	Example
1		fast axial rotation; dense cloud layer forming circular bands that obscure surface features	Omicron Ceti III
2		slow axial rotation; moderate to dense cloud layer forming mottled patches, with warm convection currents visible as light areas, some surface features visible	Gamma Hydra IV
3		moderate axial rotation; variable cloud layer ranging from dense, opaque whorls to scattered individual clouds, most surface features visible	Alpha Carinae II

# PLANET "VULCAN"

## MASS

1.17 X 10<sup>28</sup> G (1.957 EARTH MASSES)  
DIAMETER 15,945 KM (9,908 MILES)  
MEAN DENSITY 5.49 G/CM<sup>3</sup>

STAR SYSTEM 40 ERIDANI A (KO)  
PLANET NUMBER ONE CLASS M-II  
LOCAL NAME TSAICHAUUI

## VELOCITY

MEAN ORBITAL VELOCITY 21.4 KM/SEC  
ORBITAL PERIOD 123.02 DAYS (0.3362 EARTH YEARS)  
SEMI-MAJOR AXIS 72.4 MILLION KM (0.493 ASTRONOMICAL UNITS)  
INCLINATION OF ORBIT TO ECLIPTIC 14°.347  
INCLINATION OF ORBIT TO GALACTIC PLANE 57°.063

## SURFACE FEATURES

78% OF SURFACE TERRAIN IS DESERT OR FOREST, 19% IS MOUNTAINOUS, AND LESS THAN 3% IS OPEN WATER, PRIMARILY FRESH WATER SEAS. DESERT APPEARS A DEEP RED FROM SPACE DUE TO DUST SUSPENDED IN THE ATMOSPHERE; THICKLY-FOLIAGED REGIONS APPEAR VIOLET-RED, A RESULT OF PIGMENTATION PRODUCED BY LOCAL FLORA SIMILAR TO THAT FOUND IN TERRESTRIAL RED ALGAE

## ROTATION

PERIOD OF ROTATION 26 HOURS, 43 MINUTES, 7 SECONDS  
INCLINATION OF EQUATOR TO ORBIT 47°  
OBLATENESS OF SPHEROID 1/260

## ATMOSPHERE

ATMOSPHERIC PRESSURE AT SEA LEVEL 675.5 MILLIBARS (0.67 ATMOSPHERES); PARTIAL PRESSURE OF NITROGEN 425.5 MILLIBARS (63%), OXYGEN 149 MILLIBARS (22%), CARBON DIOXIDE 81 MILLIBARS (12%), ARGON AND TRACE GASES 20 MILLIBARS (3%)

## GRAVITY

SURFACE GRAVITY 1.251 STANDARD  
ESCAPE VELOCITY 13.9 KM/SEC

## TEMPERATURE

EQUATORIAL MEAN (SEA LEVEL) 50°C  
POLES MAY VARY UP TO 25°C, WITH THE NORMAL DIURNAL VARIATION ABOUT 5°C AND SEASONAL VARIATION ABOUT 15°C

## ENERGY

SURFACE IS GEOLOGICALLY ACTIVE, WITH A MARKED DECREASE IN VOLCANIC ACTIVITY OCCURRING ABOUT 50,000 YEARS AGO. TECTONIC ACTIVITY BEGAN ROUGHLY FOUR BILLION YEARS AGO, AND CONTINENTAL PLATES ARE MOVING APART AT MAJOR FAULT LINES AT THE RATE OF SEVERAL CENTIMETERS PER YEAR

## RADIATION

A DENSE SETON LAYER OF CHARGED PARTICLES TRAPPED IN THE PLANET'S MAGNETIC FIELD SHIELDS THE SURFACE FROM ULTRAVIOLET RADIATION EMITTED BY 40 ERIDANI B, A WHITE DWARF COMPANION OF THE SYSTEM'S PRIMARY. SURFACE RADIOACTIVITY IS ABOUT THREE TIMES EARTH NORMAL, BUT WITHIN TOLERABLE LIMITS

## COMPOSITION

LARGE MOLTEN NICKEL-IRON CORE SURROUNDED BY A SILICATE-METALLIC MANTLE AND A LARGELY BASALTIC CRUST. DISTRIBUTION OF ELEMENTS FOLLOWS THE TERRESTRIAL PATTERN, WITH A SLIGHTLY HIGHER CONCENTRATION OF INERT GASES AND TRANSURANIC METALS

## GALACTIC AREA

QUADRANT 3, SECTOR 5  
LATITUDE -0.7 D LONGITUDE 370.5 D  
RANGE 4.88 PC  
FIRST CONTACT WITH NATIVES BY STARSHIP S.S. COCHRANE, STARDATE 1139.7

## SEASONAL VARIANCE

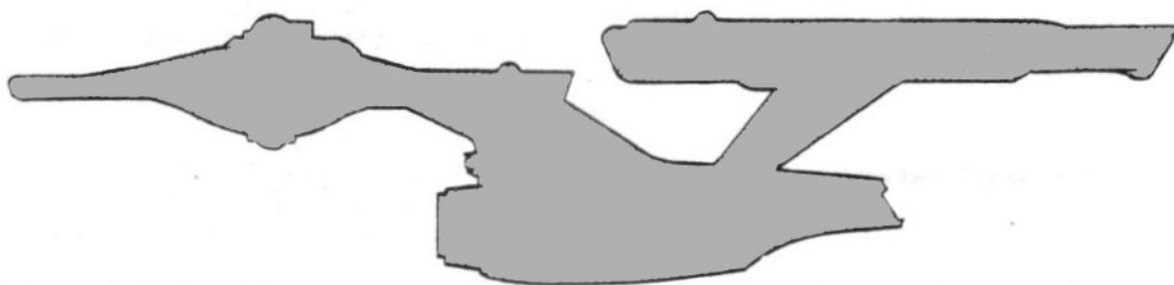
SLIGHT ORBITAL ECCENTRICITY AND 17° AXIAL TILT RESULT IN LITTLE SEASONAL VARIATION, WITH TEMPERATURE REMAINING WITHIN 15°C OF THE MEAN. TIDAL PERTURBATIONS OCCUR DURING CONJUNCTION WITH PLANET TWO, WHICH OCCURS EVERY THREE LOCAL YEARS



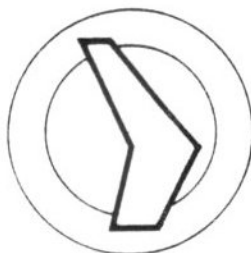


# **UPGRADE PROGRAM**

RESTRICTED



THIS REPORT CONTAINS INFORMATION AFFECTING THE SECURITY OF THE UNITED FEDERATION OF PLANETS, AS DEFINED IN TITLE 17 OF THE FEDERATION SECURITY CODE. TRANSMISSION OR REVELATION OF ANY PORTION OF THIS DOCUMENT TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.



**SFDF: 327043-00**



**APPROVED REVISIONS  
FOR THE  
HEAVY CRUISER  
UPGRADE PROGRAM**

**DECLASSIFIED**

TOP SECRET  
FOR EYES OF STAR FLEET  
COMMAND ONLY



**UNITED FEDERATION OF PLANETS**  
**STAR FLEET TERRAN HEADQUARTERS · SAN FRANCISCO, CALIF.**

**TO:** STAR FLEET COMMAND JOINT CHIEFS  
**FROM:** HIERACHIRO NOGURA, FADM, SFC, SEC  
**STARDATE:** 7206.15  
**VIA:** DATA FILE COURIER  
  
**SUBJECT:** FEDERATION SECURITY AND STAR FLEET STRENGTH

GENTLEMEN:

EFFECTIVE SD 7205.2 A NEW FLEET REJUVINATION PROGRAM IS BEING ADOPTED BY THE MILITARY STAFF COMMITTEE. THE JUSTIFICATION FOR THIS ACTION IS REPRESENTED IN THIS DOCUMENT.

THE HEAVY CRUISER UPGRADE PROGRAM HAS COME ABOUT IN LIGHT OF FOUR CURRENT FACTS:

- 1) THE BACKBONE OF OUR FLEET, THE CONSTITUTION CLASS HEAVY CRUISERS, ARE PRESENTLY APPROACHING THE DUE DATE FOR THEIR MID-LIFE SERVICE EXTENSION OVERHAULS.
- 2) THE RECENT INTELLIGENCE CONCERNING THE UNLEASHING OF THE NEW K'TINGA CLASS BATTLECRUISER BY THE KLINGON EMPIRE AND THE ADVERSE AFFECT OF ITS APPEARANCE ON THE OUTLYING MEMBERS OF THE FEDERATION.
- 3) THE NEW TECHNOLOGY WHICH HAS RECENTLY BECOME AVAILABLE FOR INCORPORATION INTO STAR FLEET SHIPS OF THE LINE.
- 4) THE CONSTANT DELAYS IN THE LAUNCHING OF ALL FIFTEEN SHIPS IN THE DREADNOUGHT CLASS, THE LAST OF WHICH ONLY ENTERED SERVICE TWO YEARS AGO.

THESE ARE NOT LIGHT ISSUES; RATHER, THEY ARE CRUCIAL TO THE SECURITY OF THE FEDERATION AND ITS MEMBER SYSTEMS. THE MILITARY STAFF COMMITTEE HAS WRESTLED OVER THIS ISSUE FOR SEVERAL YEARS NOW. I MYSELF HAVE BEEN CALLED BEFORE THEM ON NUMEROUS OCCASIONS TO TESTIFY ON CURRENT AND NEAR TERM FLEET STATUS. THEY HAVE HEARD THE OPINIONS OF REPRESENTATIVES OF MEMBER SYSTEMS, THE MILITARY AND ITS SUPPORT GROUPS, AND BOTH ENGINEERS AND SCIENTISTS FROM ACROSS THE FEDERATION. IN THESE DELIBERATIONS THEY HAMMERED OUT THREE MAJOR CHANGES TO BE MADE IN STAR FLEET POLICY, AS FOLLOWS:

- i) FIRST, THE FIRST AVAILABLE SHIP FROM THE CONSTITUTION CLASS WILL BE REFITTED AND UPGRADED WITH ALL OF THE LATEST MILITARY TECHNOLOGY AVAILABLE TO THE FEDERATION AT THIS TIME. THIS ACTION WILL RESULT IN AN ENTIRELY NEW SHIP CLASS WHICH CAN CONTINUE ITS PRIMARY FUNCTION AS THE BACKBONE OF STAR FLEET FOR ANOTHER TWENTY TERRAN YEARS. THIS DECISION CAME ABOUT THROUGH ANALYSIS OF THE REPORTS FROM THE NEW LN-40 LINEAR WARP DRIVE PROGRAM AND RESULTS FROM STRUCTURAL INTEGRITY TESTING OF THE LAST SIX HEAVY CRUISERS TO COME INTO DOCK FOR ROUTINE SERVICE UPGRADES. THESE WERE PERFORMED AT THE FLEET REJUVINATION FACILITY ON STARBASE 10 UNDER THE DIRECT ORDERS OF THE MILITARY STAFF COMMITTEE.



ii) THE OLDEST OF THE MK-X DREADNOUGHT CLASS WILL BE SENT BACK INTO DOCK AHEAD OF SCHEDULE TO INCORPORATE THE SAME TECHNOLOGY UPGRADES THAT WILL BE PERFORMED ON THE MK-IX HEAVY CRUISER CLASS ONCE THE SCOPE AND PARAMETERS OF THIS UPGRADE ARE UNDERSTOOD AND VERIFIED.

iii) OTHER SELECTED CLASS I STARSHIPS WILL BE SCHEDULED FOR SIMILAR REFITS AS NEED WARRANTS AND YARD SPACE PERMITS.

iv) THE LN-40 PROGRAM WILL BE RE-EVALUATED FOR POSSIBLE USE AS A LOW-COST ALTERNATIVE FOR STARSHIPS THAT WILL NOT NEED THE SCOPE OF UPGRADES CURRENTLY PLANNED FOR THE HEAVY CRUISER CLASS. THIS PROGRAM IS EXPECTED TO BE VERY COSTLY AND MAY RESULT IN THE DELAY OR CANCELLATION OF NEW CONSTRUCTION. THE ADVANCED STARSHIP DESIGN BUREAU WILL BE WORKING WITH US ON THIS PROJECT IN ORDER TO COME UP WITH ONE OR MORE LESS EXPENSIVE ALTERNATIVES TO USE EITHER FOR QUICK UPGRADES TO EXISTING STARSHIPS OR FOR NEW CONSTRUCTION AT LESS COST THAN THE TOTAL CONVERSION UPGRADE CURRENTLY ENVISIONED FOR THE HEAVY CRUISER CLASS.

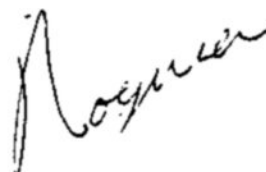
v) CONSTRUCTION OF THE REMAINING EPSILON CLASS MONITORING STATIONS ALONG THE FEDERATION-KLINGON BORDER WILL BE GIVEN TOP PRIORITY OVER ALL OTHER BASE CONSTRUCTION. THIS WILL PERMIT COMPLETION OF THE NINTH AND FINAL STATION WITHIN TWO TERRAN YEARS. BY ACCOMPLISHING THIS STAR FLEET WILL GAIN AN UNSURPASSED MONITORING AND INTELLIGENCE GATHERING CAPABILITY, THUS ALLOWING FOR BETTER ADVANCED WARNING OF ANY POTENTIAL BUILDUP OF KLINGON FORCES ALONG THE BORDER.

THIS SHIFT IN EMPHASIS FROM DREADNOUGHT DEVELOPMENT TO UPGRADES OF EXISTING VESSELS MAY DRAW CONCERN FROM SOME OF YOU. LET ME CLARIFY BY SAYING THAT I HAVE BEEN ASSURED BY THE DIRECTOR OF THE MILITARY STAFF COMMITTEE THAT THE DREADNOUGHT PROGRAM STILL HAS STRONG SUPPORT AMONG HIS COLLEAGUES. IT WAS NOT HIS ACTION THAT RESULTED IN THE DREADNOUGHT'S COUNTLESS CONSTRUCTION DELAYS, AS ALL OF US KNOW WELL. THIS IS NOT A PET PROJECT OF MINE NOR OF ANYONE ELSE. THE DREADNOUGHT AND ITS SUCCESSORS WILL PLAY A KEY ROLE IN THE GROWTH OF STAR FLEET IN THE COMING YEARS. IN ADDITION TO REGULAR R & D STUDIES, TACFLEET REMAINS COMMITTED TO DREADNOUGHT EVOLUTION. PLANS ARE ALREADY ON THE DRAWING BOARD FOR ITS SUCCESSOR AND EFFORTS WILL BE MADE TO SECURE THE NECESSARY FUNDING FOR PROTOTYPE CONSTRUCTION TO BEGIN. THIS PROCESS SHOULD COMMENCE BY THE TIME THE LAST UPGRADED CONSTITUTION CLASS HEAVY CRUISER RE-ENTERS SERVICE.

THE MOST EFFECTIVE USE OF FACILITIES FOR THIS UPGRADE PROGRAM WILL BE TO EMPLOY THOSE USED IN THE CONSTRUCTION OF THE LAST DREADNOUGHT, U.S.S. STAR UNION (NCC-2112). TO THIS END THE STAR FLEET ORBITAL DOCKYARD USED IN ITS CONSTRUCTION WILL, EFFECTIVE THIS STARDATE, BEGIN PREPARATIONS TO RECEIVE THE FIRST OF THE HEAVY CRUISERS THAT RETURNS FROM ITS CURRENT FIVE-YEAR MISSION. THIS WILL ALLOW WORK TO COMMENCE IMMEDIATELY WHILE WORK ON THE NEW SPACEDOCK ORBITAL CONSTRUCTION FACILITY CONTINUES. THE HEAVY CRUISER UPGRADE PROGRAM AS CURRENTLY ENVISIONED SHOULD TAKE NO MORE THAN ELEVEN TERRAN MONTHS. AT THE SAME TIME THIS IS UNDERWAY A SECOND ORBITAL DOCK WILL BE REASSEMBLED FOR USE IN THIS PROGRAM. THIS WILL FURTHER ACCELERATE THE UPGRADE PROGRAM ONCE CONSTRUCTION IS COMPLETED.

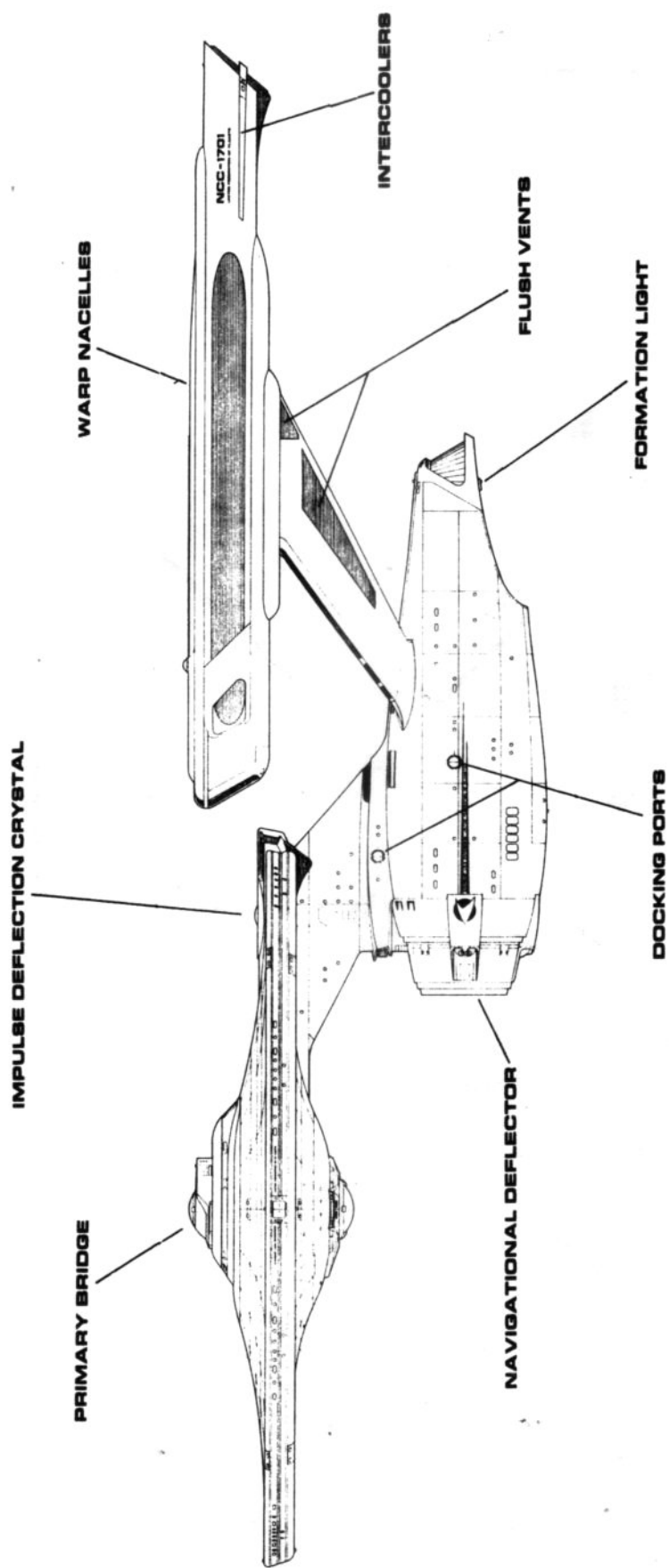
TWO OTHER ASPECTS OF THE HEAVY CRUISER UPGRADE PROGRAM ARE INCLUDED IN THIS REPORT: THE CURRENTLY PLANNED UPGRADE SCHEDULE AND A SUMMARY OF THE PROGRAM'S SCOPE. I AM ALSO INCLUDING A CURRENT INTELLIGENCE BRIEF ON BOTH THE KLINGON AND ROMULAN EMPIRES TO STRESS THE NEED FOR THIS PROGRAM.

THIS MATERIAL IS NOT TO BE DISCUSSED OUTSIDE THIS CHAIN OF COMMAND UNTIL THIS PROGRAM IS UNDERWAY. OUR ADVERSARIES, THE KLINGONS IN PARTICULAR, WOULD CONSIDER THESE DEVELOPMENTS A DIRECT INVITATION TO ATTEMPT THE CONQUEST OF NEIGHBORING FEDERATION SPACE.



(SIGNED)

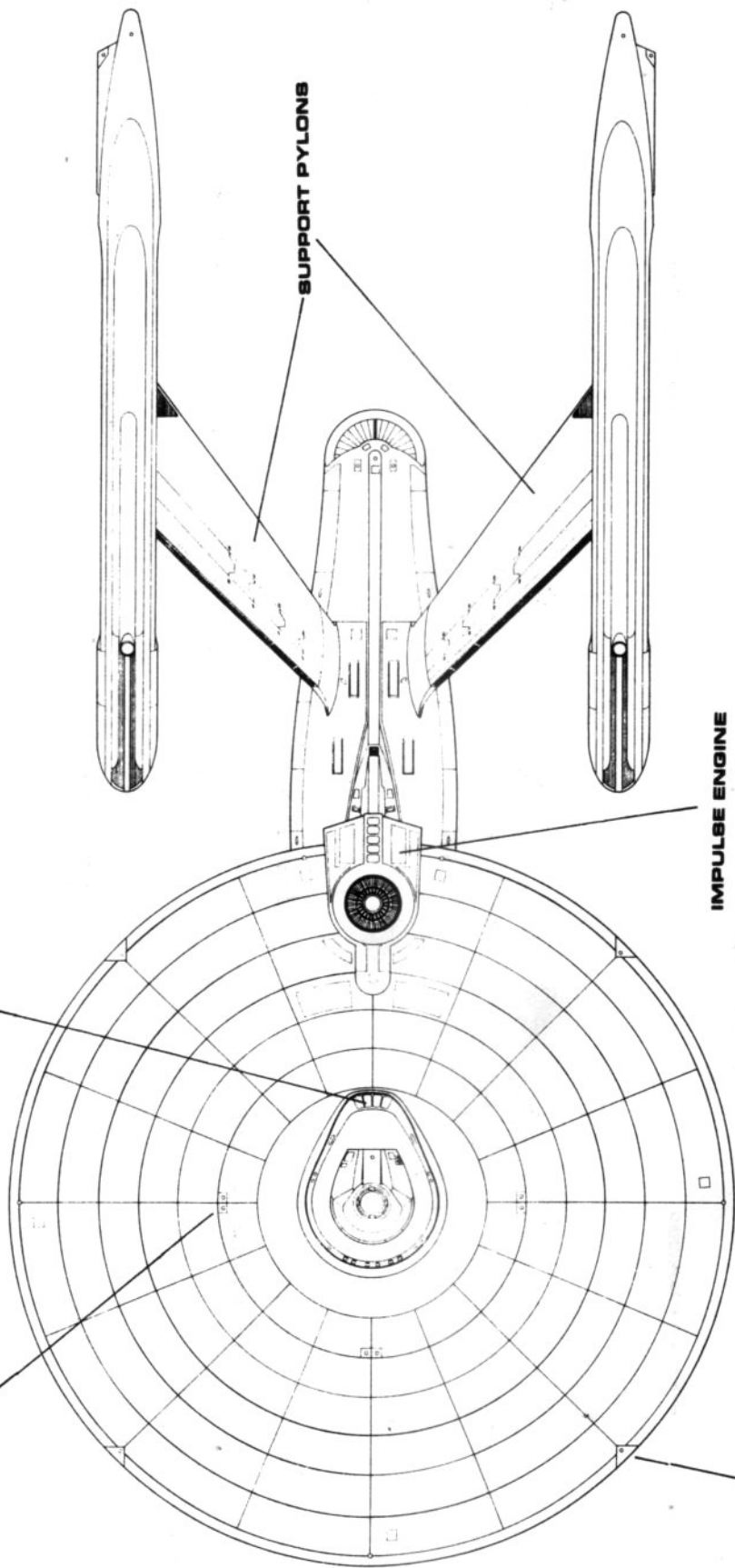
HIERACHERO NOGURA, FADM, SFC



**PORT ELEVATION**

V.I.P. LOUNGE (OFFICERS')  
WINDOWS

PHASERS



IMPULSE ENGINE

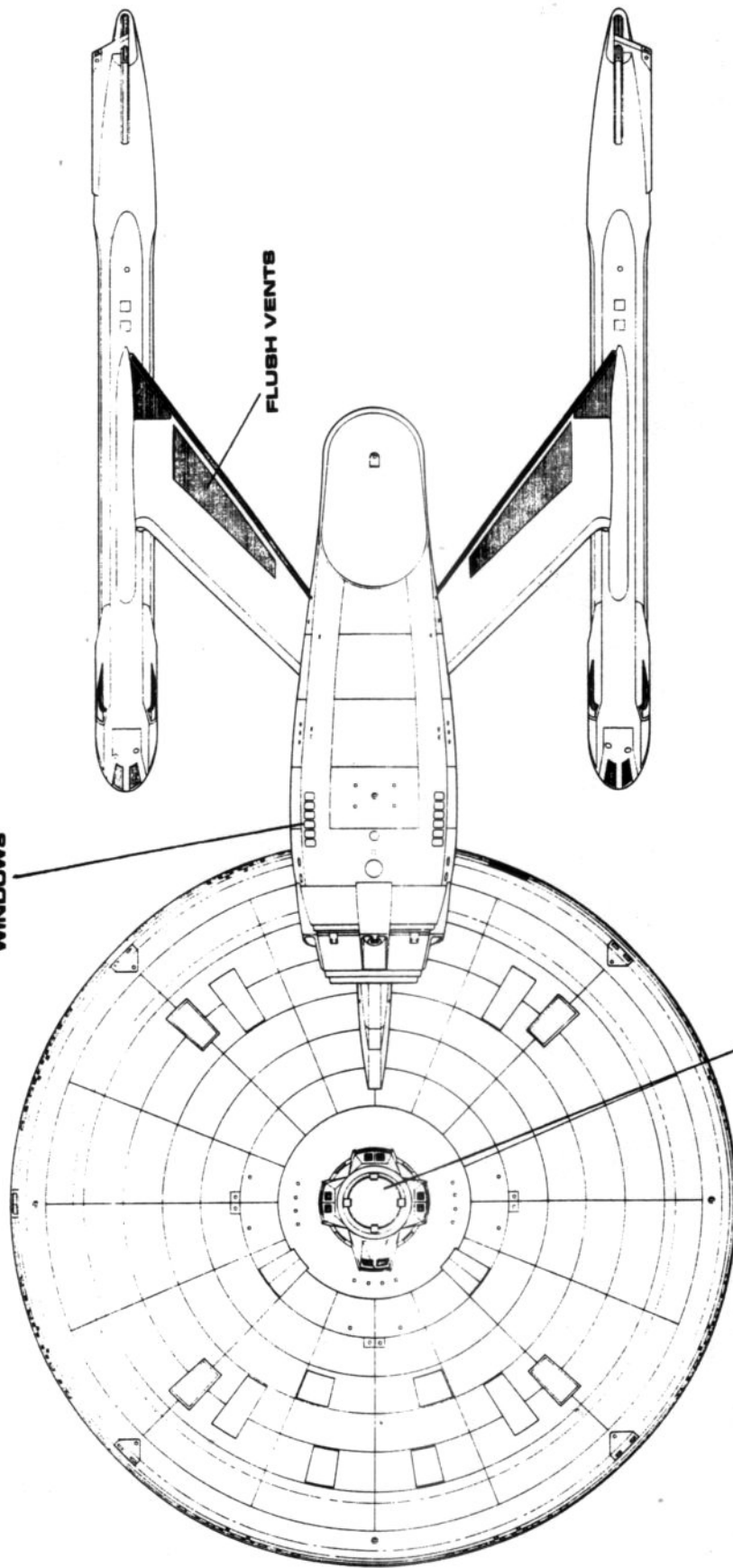
REACTION-CONTROL  
THRUSTERS

**TOP PLAN**

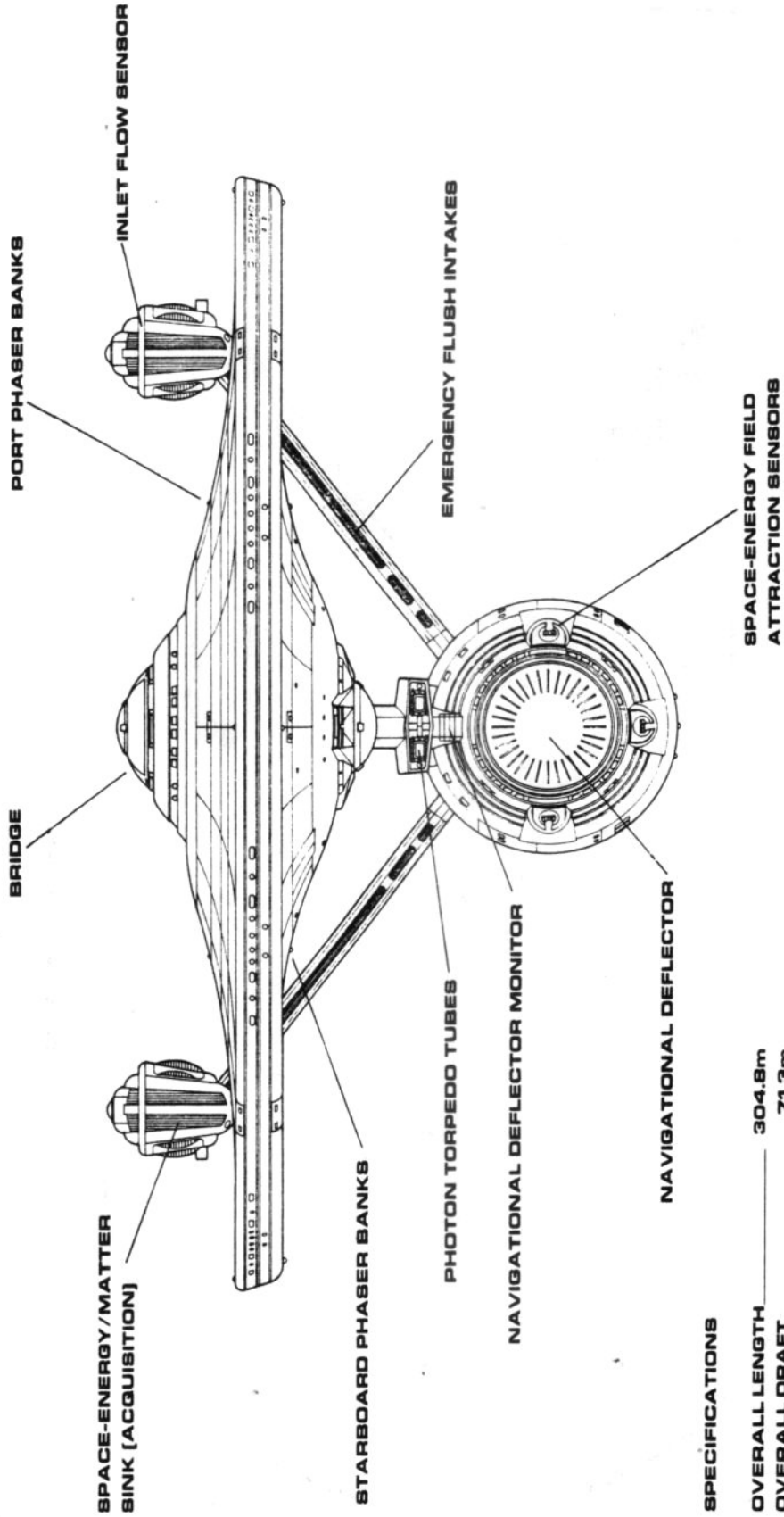
BOTANICAL SECTION  
WINDOWS

FLUSH VENTS

MAIN SENSOR ARRAY



BOTTOM PLAN



#### SPECIFICATIONS

OVERALL LENGTH \_\_\_\_\_ 304.8m  
 OVERALL DRAFT \_\_\_\_\_ 71.3m  
 OVERALL BEAM \_\_\_\_\_ 141.7m

#### PRIMARY HULL (SAUCER)

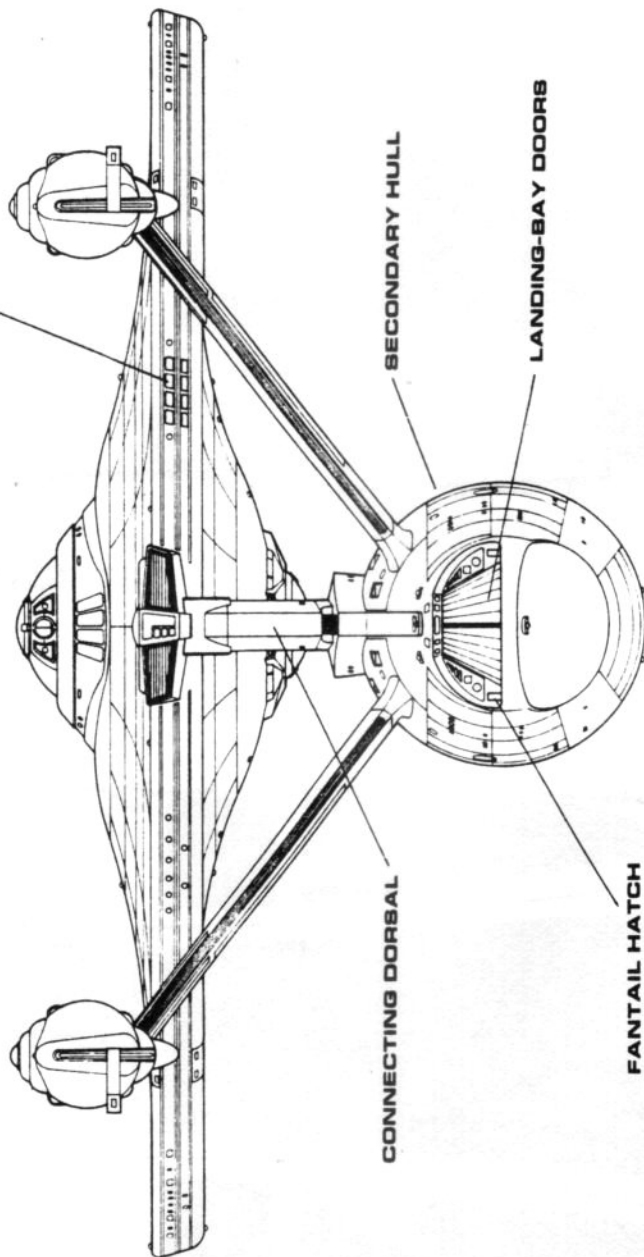
LENGTH \_\_\_\_\_ 148.3m  
 DRAFT \_\_\_\_\_ 32.8m  
 BEAM (DIAMETER) \_\_\_\_\_ 141.7m

#### SECONDARY HULL (ENGINEERING)

LENGTH \_\_\_\_\_ 121m  
 DRAFT \_\_\_\_\_ 47.5m  
 BEAM \_\_\_\_\_ 32.8m

## BOW ELEVATION

RECREATION ROOM  
WINDOWS



SECONDARY HULL

LANDING-BAY DOORS

CONNECTING DORSAL

FANTAIL HATCH

#### NACELLES

LENGTH 154.8m  
DRAFT 18.3m  
BEAM 12.6m

#### SHIP'S COMPLEMENT

OFFICERS 72  
CREW 428

#### PERFORMANCE

MAXIMUM VELOCITY Warp 12 (1728c)  
CRUISING VELOCITY Warp 8 (512c)

STANDARD VOYAGE 5 YRS.  
AT STANDARD COMPLEMENT (est.)

#### WEAPONS

12 PHASER BANKS  
(18 PHASERS)

20 PHOTON TORPEDOES

2 PHOTON TORPEDO  
TUBES

#### DEFENSE

PRIMARY FORCE FIELD  
DEFLECTOR SHIELDS

CLOAKING DEVICE

#### ENGINES

WARP: DILITHIUM  
ENERGIZED ANTIMATTER  
IMPULSE: SUBATOMIC

UNIFIED ENERGY

LIFE SUPPORT GRAVITY: 2-1.2G

MAXIMUM DURATION: 22 YEARS

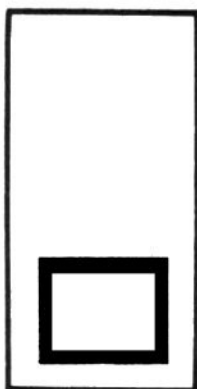
## STERN ELEVATION

# RANK AND INSIGNIA

## STAR FLEET OPERATING FORCES - PROPOSED



CREWMAN



PETTY OFFICER



ENSIGN



LIEUTENANT



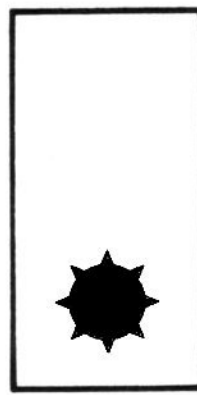
LIEUTENANT  
COMMANDER



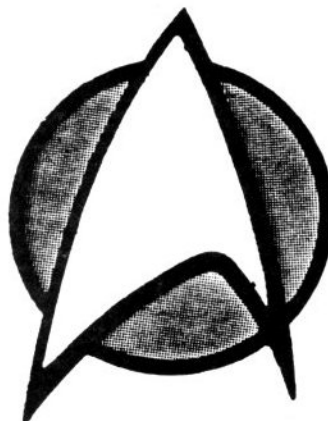
COMMANDER



CAPTAIN



ADMIRAL



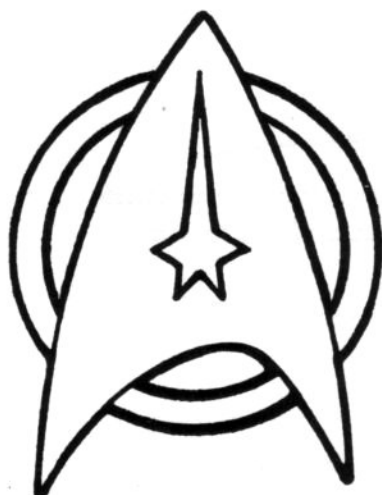
STAR FLEET OPERATIONS

# UNIFORM INSIGNIA

STAR FLEET STANDARD



STANDARD



DRESS



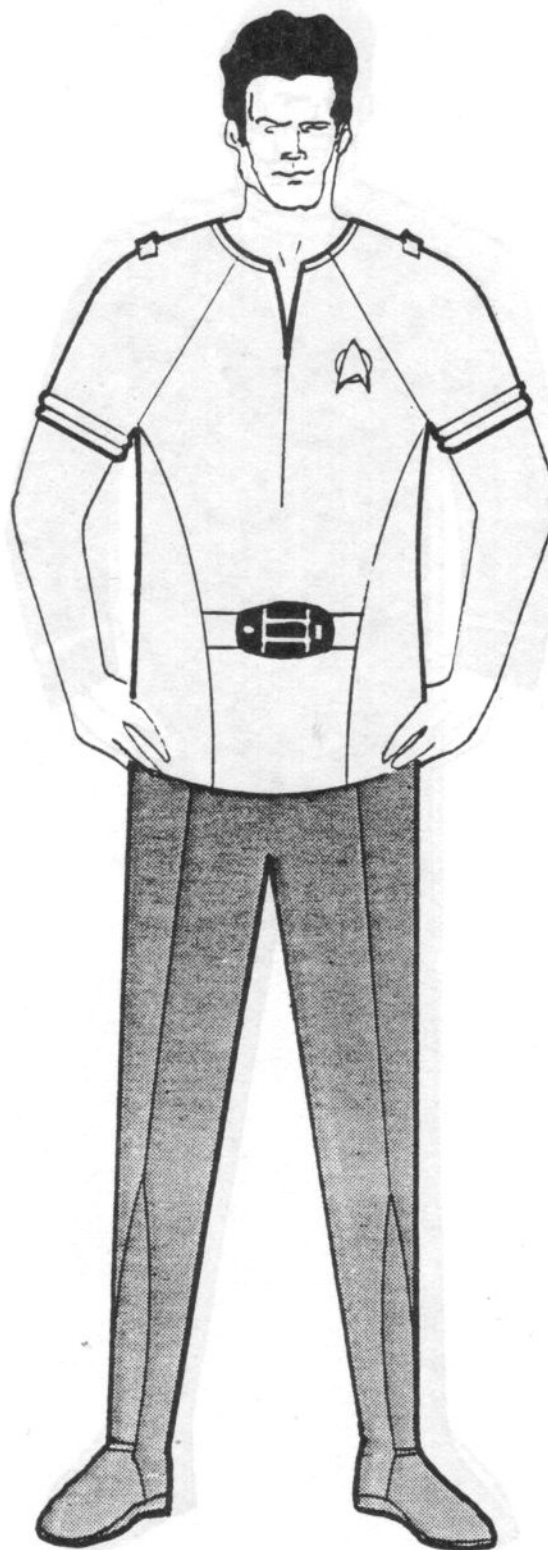
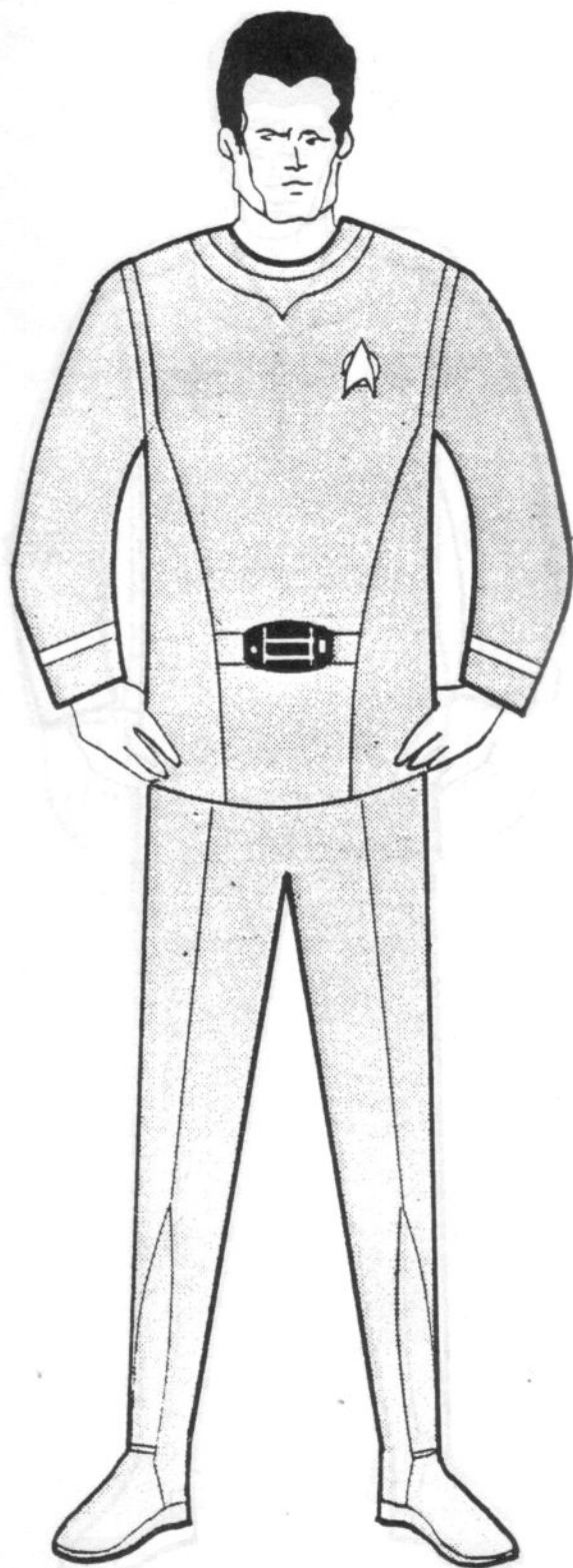
MEDICAL



# DUTY UNIFORMS

## TYPES A AND B

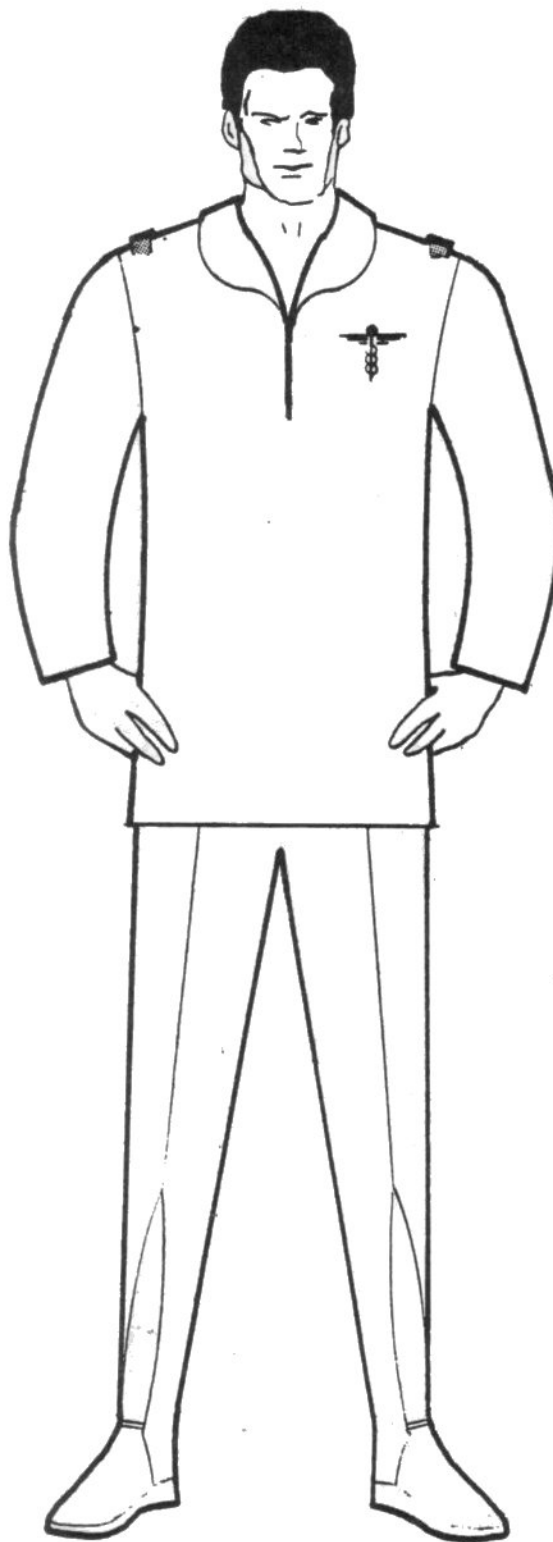
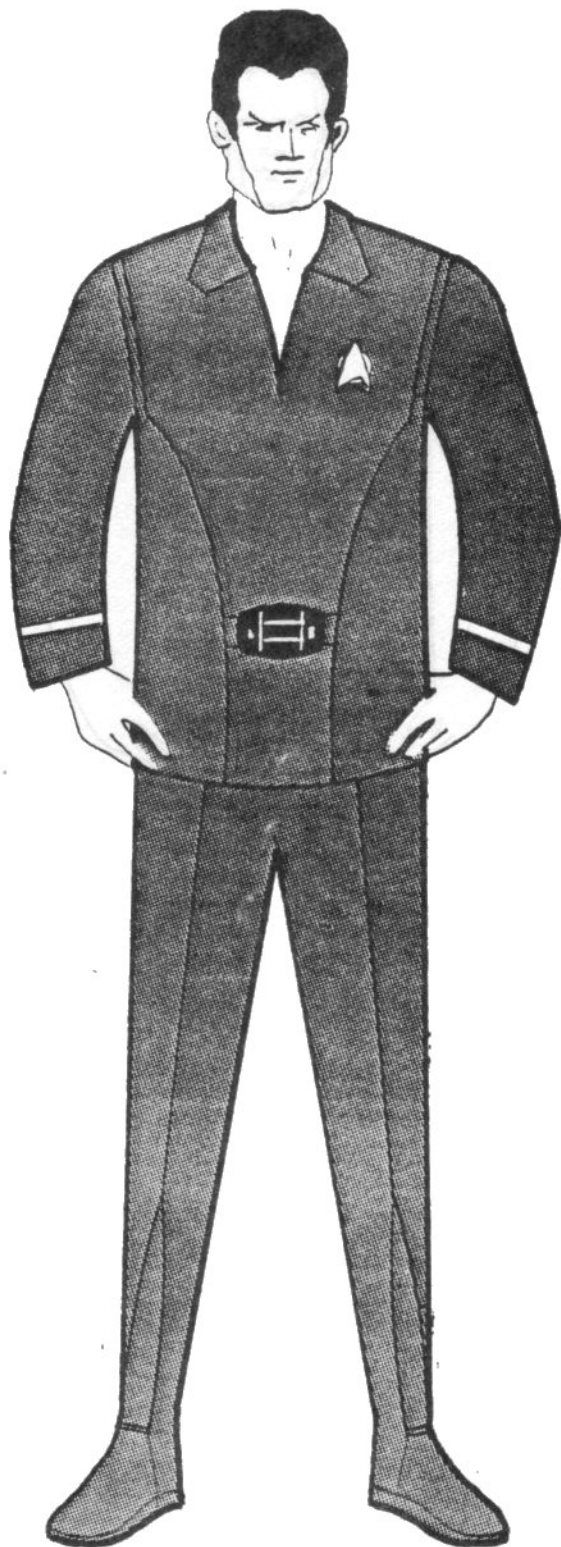
FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"



# DUTY UNIFORMS

## MEDICAL DEPARTMENT

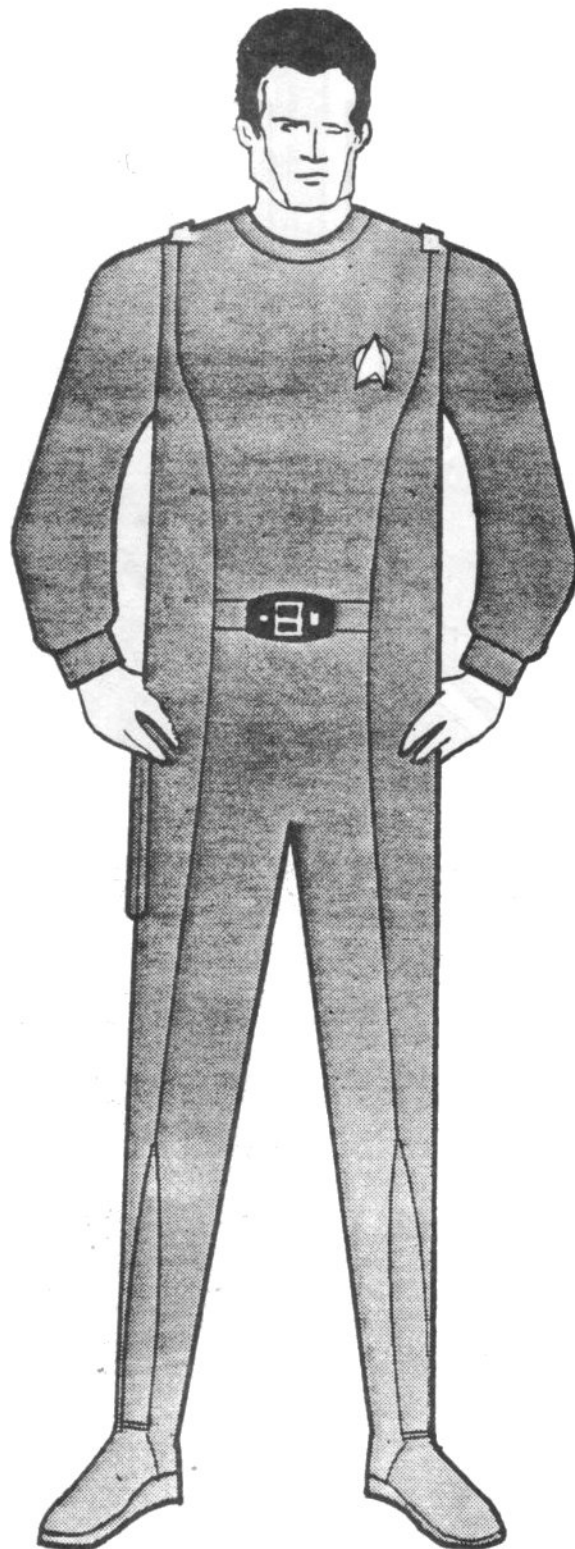
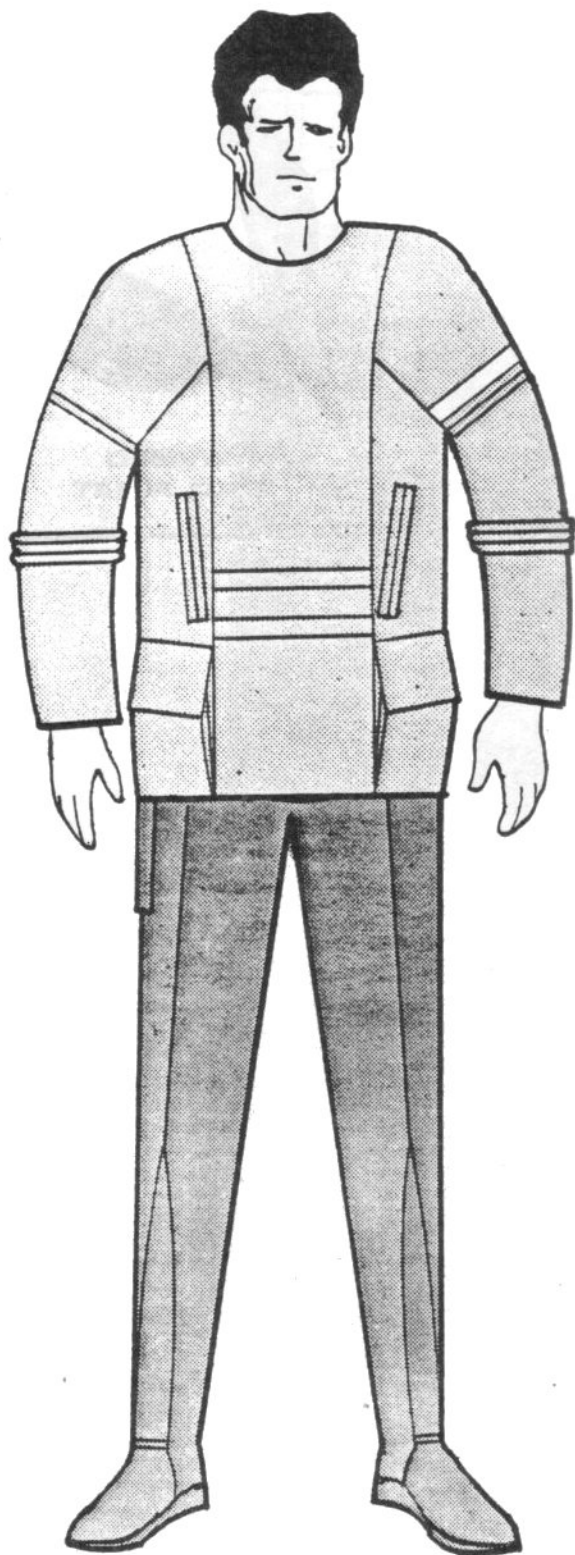
FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"



# DUTY UNIFORMS

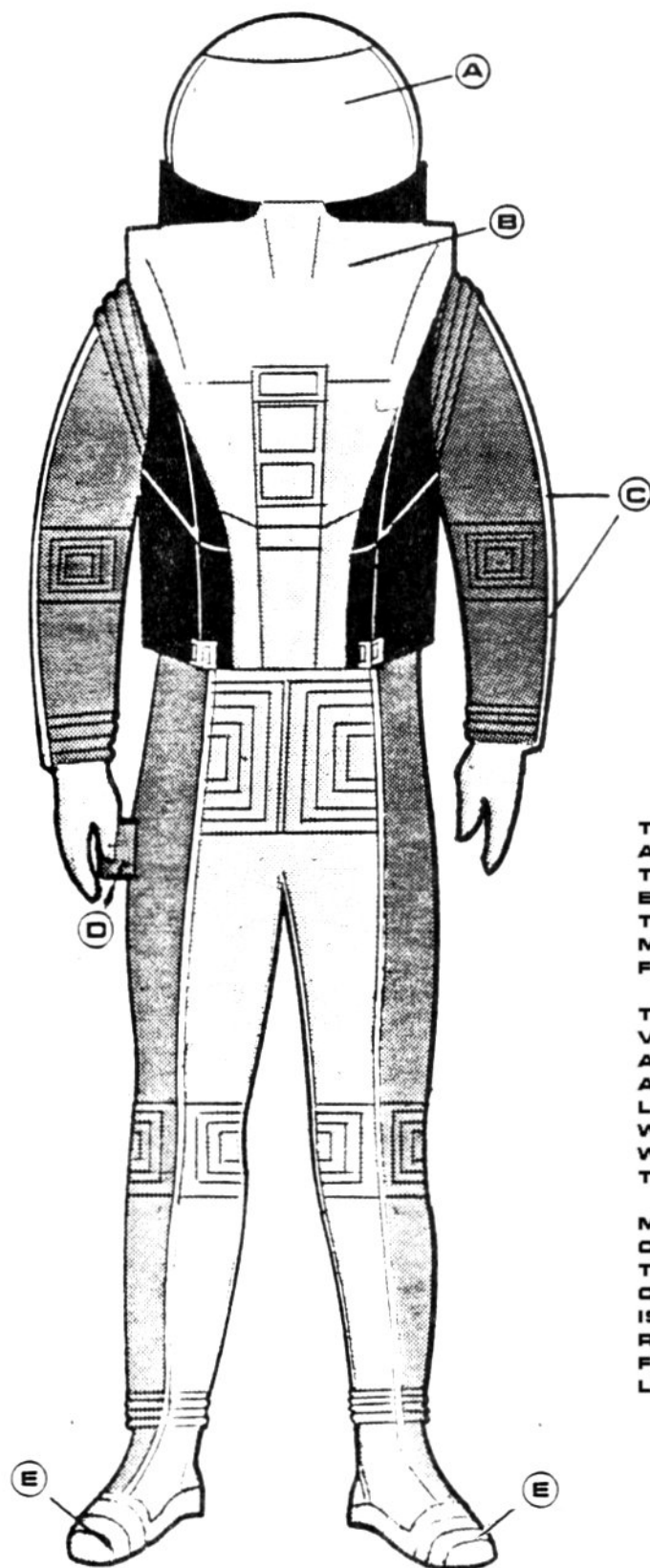
## FIELD JACKET AND HEAVY JUMPSUIT

FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"



# THRUSTER SUIT

## EXTRAVEHICULAR DAMAGE CONTROL



- (A) FACEPLATE NON-TRANSPARENT TO ULTRAVIOLET RADIATION
- (B) CHESTPAK/UPPER TORSO HOUSING, LIFE SUPPORT, VOICE COMMAND COMPUTER, BUILT-IN PERSCAN TRANSMITTER, AND ATTITUDE CONTROL SYSTEM
- (C) BODY COOLANT PIPING
- (D) PHASER HOLSTER
- (E) MAGNATOMIC ADHESION SOLES

THIS SUIT IS DESIGNED FOR USE WITH A THRUSTER PACK ACCESSORY (SEE TO:03:06:70:12) FOR EMERGENCY EVACUATION OF A STARSHIP. THE THRUSTER PACK IS DETACHABLE AND MAY BE SAFELY JETTISONED ONCE ITS FUEL IS EXPENDED.

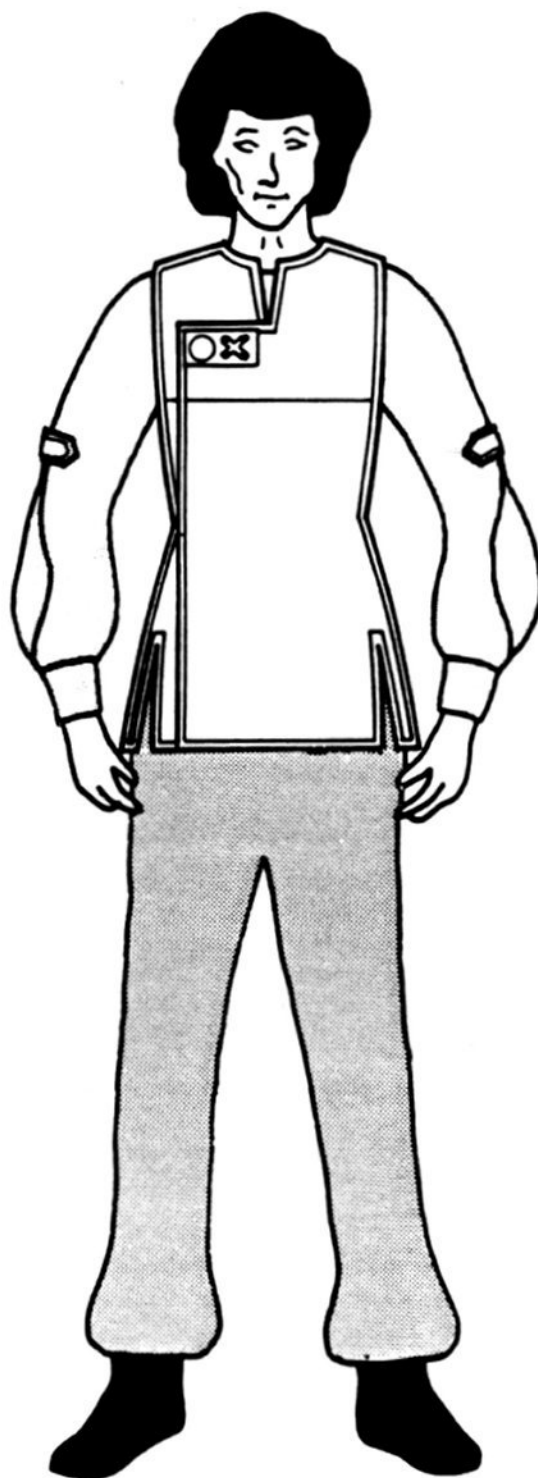
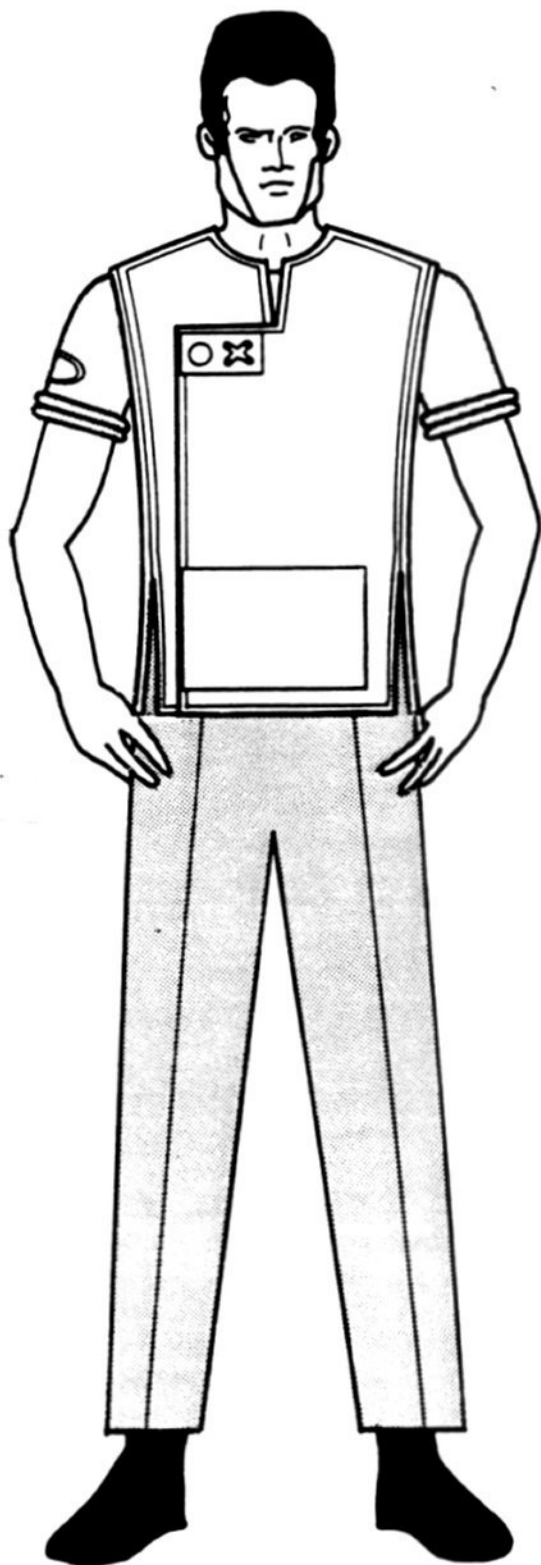
THE HARD SHELL UPPER TORSO IS A VERSATILE UNIT INTO WHICH MANY APPLIANCES CAN BE INTEGRATED. AMONG THESE ARE BOTH HIGH AND LOW SPEED THRUSTER PACKS, AS WELL AS A SELF-CONTAINED WORKSTATION FROM WHICH HAND TOOLS CAN DRAW POWER.

MOVEMENT IS ACHIEVED BY VOICE COMMAND VIA LOW POWER LASER THRUSTERS. MOVEMENT IS AT A CONSTANT SPEED AND POSITION IS CONTINUALLY MONITORED RELATIVE TO THE SHIP OR PLATFORM FROM WHICH THE OPERATOR FIRST LAUNCHED.

# DUTY UNIFORMS

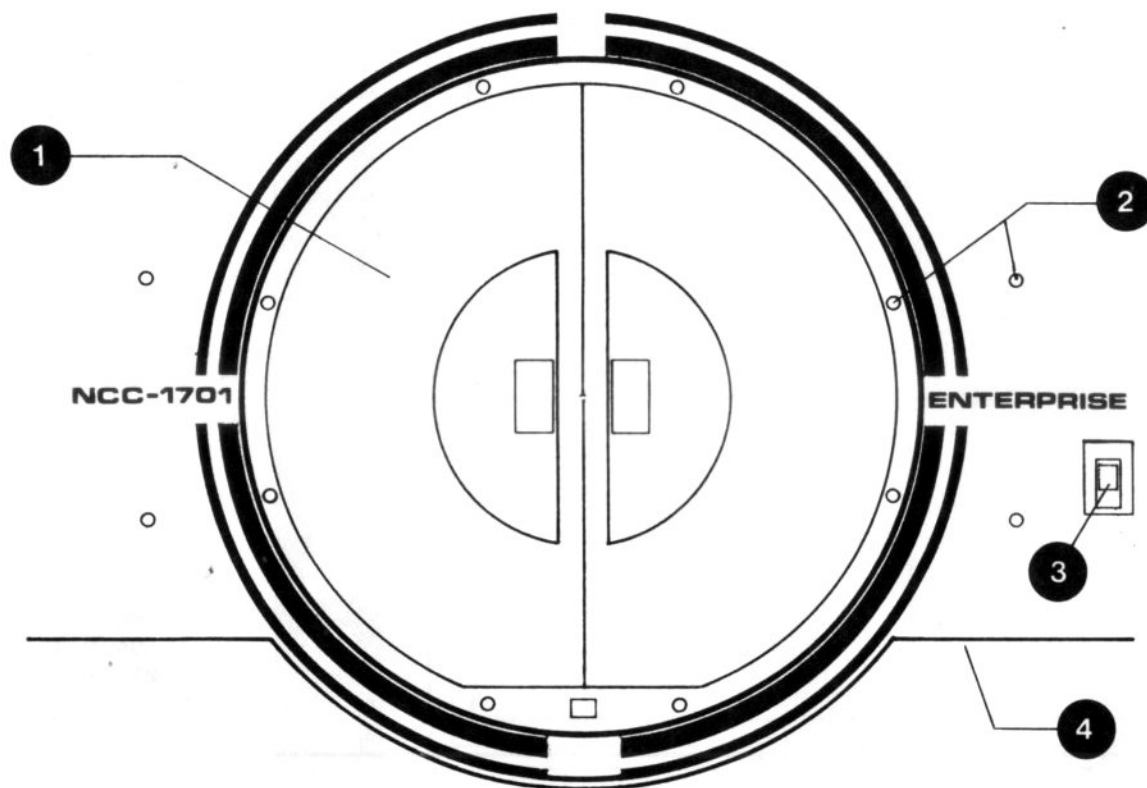
## SPACELAB REGULA 1

FOR OFFICIAL COLORS REFER TO TECHNICAL ORDER  
79:03:50 THRU 79:21:06 "UNIFORM COLOR CODES"



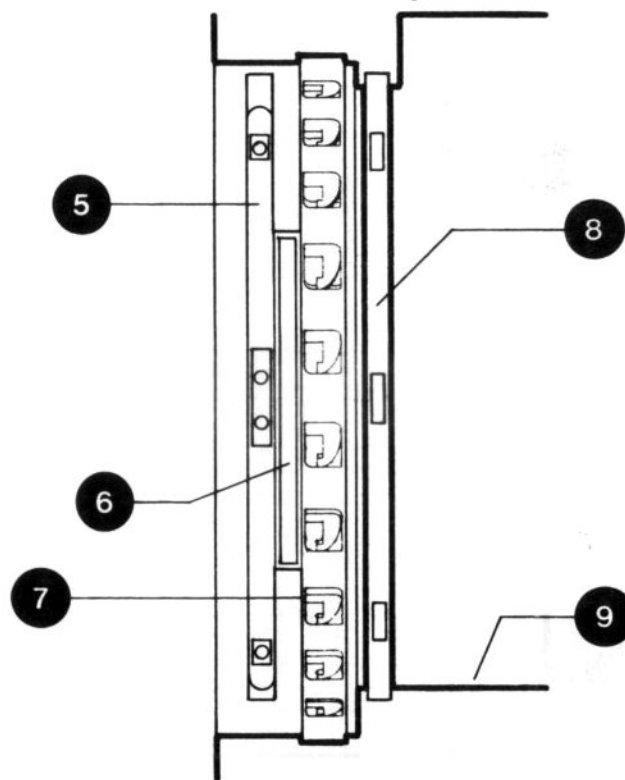
# DOCKING HATCH

STAR FLEET STANDARD



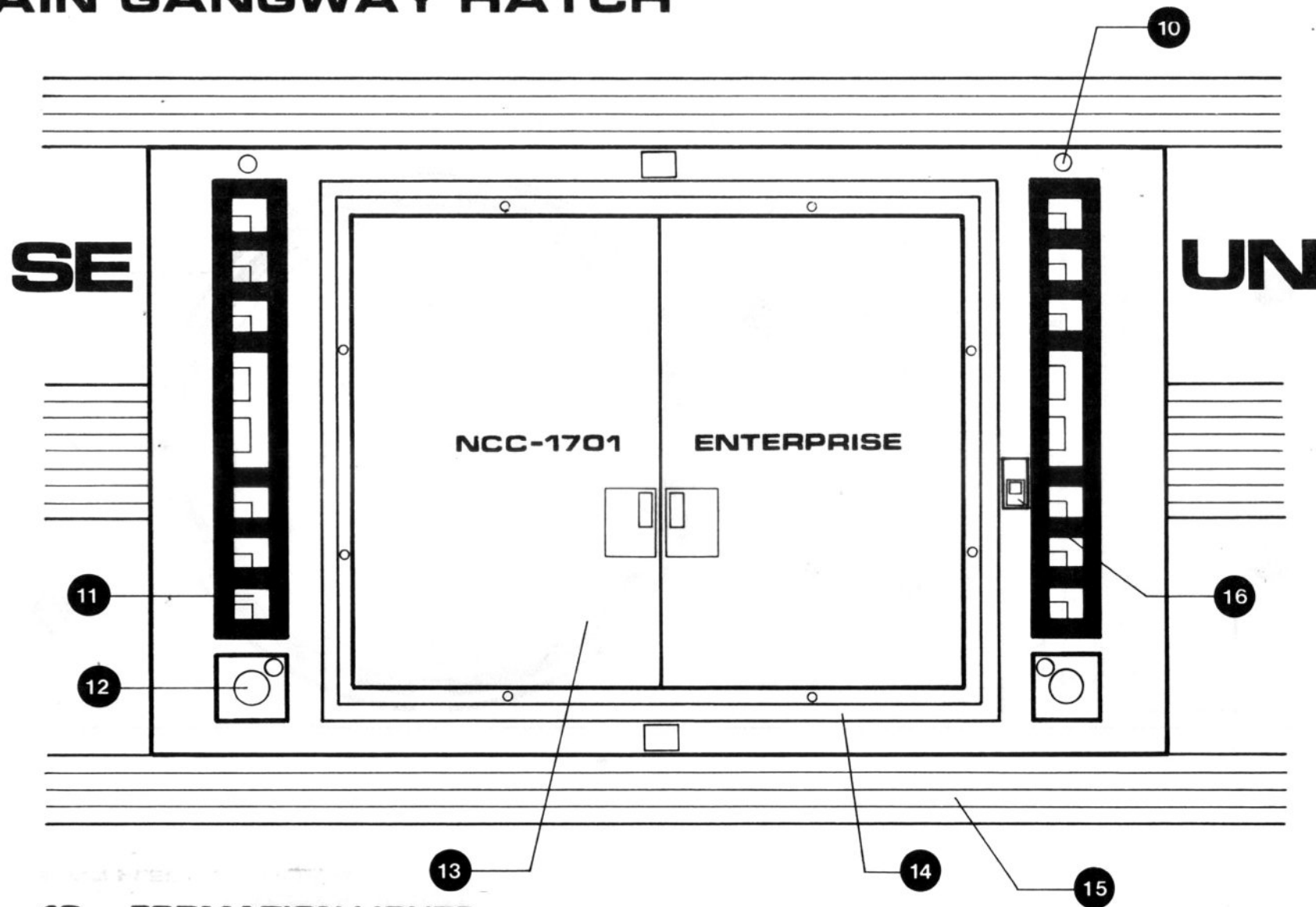
1. HATCH DOOR
2. FLOODLIGHTS
3. MANUAL CONTROLS
4. DEFLECTOR SHIELD GRID
5. DOOR GRIPPER MECHANISM

6. ILLUMINATION STRIP
7. DOCKING LATCHES
8. HATCH DOOR
9. AIRLOCK DECK LEVEL





# MAIN GANGWAY HATCH



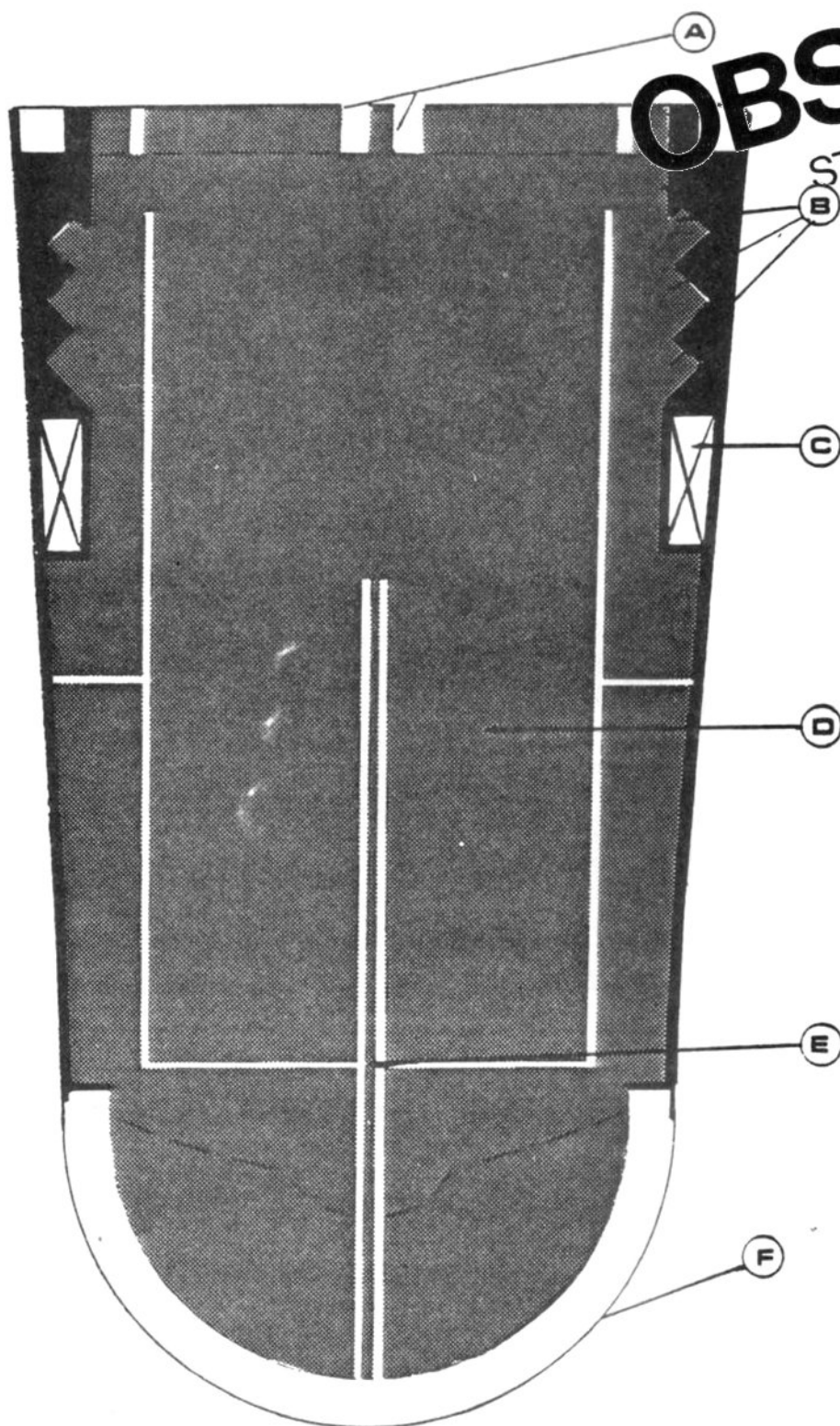
- 10. FORMATION LIGHTS
- 11. DOCKING LATCHES
- 12. STEERABLE FLOODLIGHTS
- 13. REINFORCED DOOR

- 14. PRESSURE SEAL
- 15. MAIN SHIELD GRID
- 16. MANUAL CONTROLS

# HANGER DECK

TOP PLAN - APPROVED REDESIGN

**OBSOLETE**  
STARDATE 7412.1



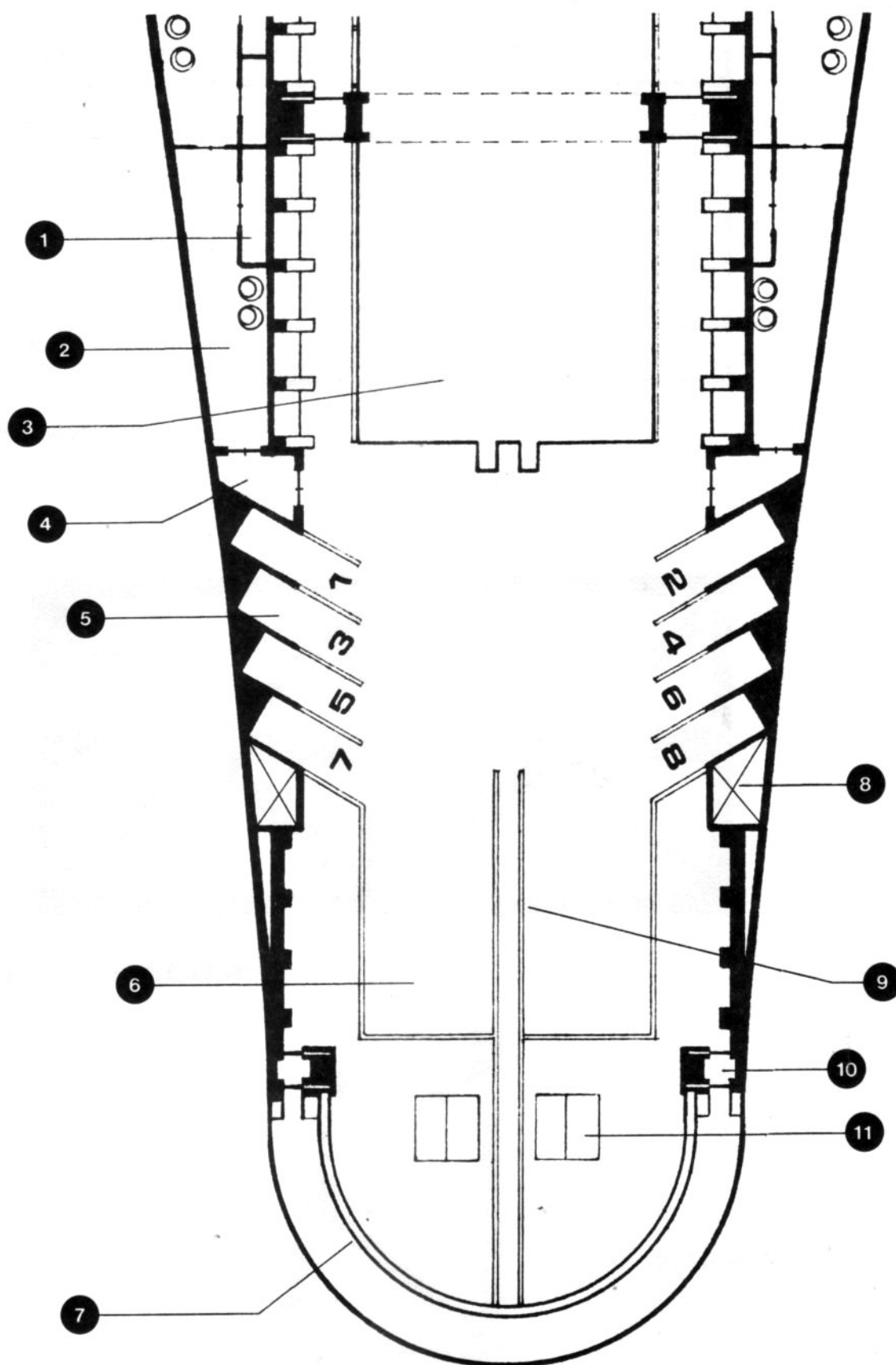
- (A) ELEVATOR  
VERTICAL TRACK
- (B) WORKBEE STOW  
POCKETS (P/B)
- (C) AIR SUPPLY &  
PIPE/WIRING  
TRUNKS (P/B)
- (D) VARIABLE GRAVITY  
LANDING DECK
- (E) LANDING TARGET
- (F) STERN FANTAIL

0 5 10  
METERS



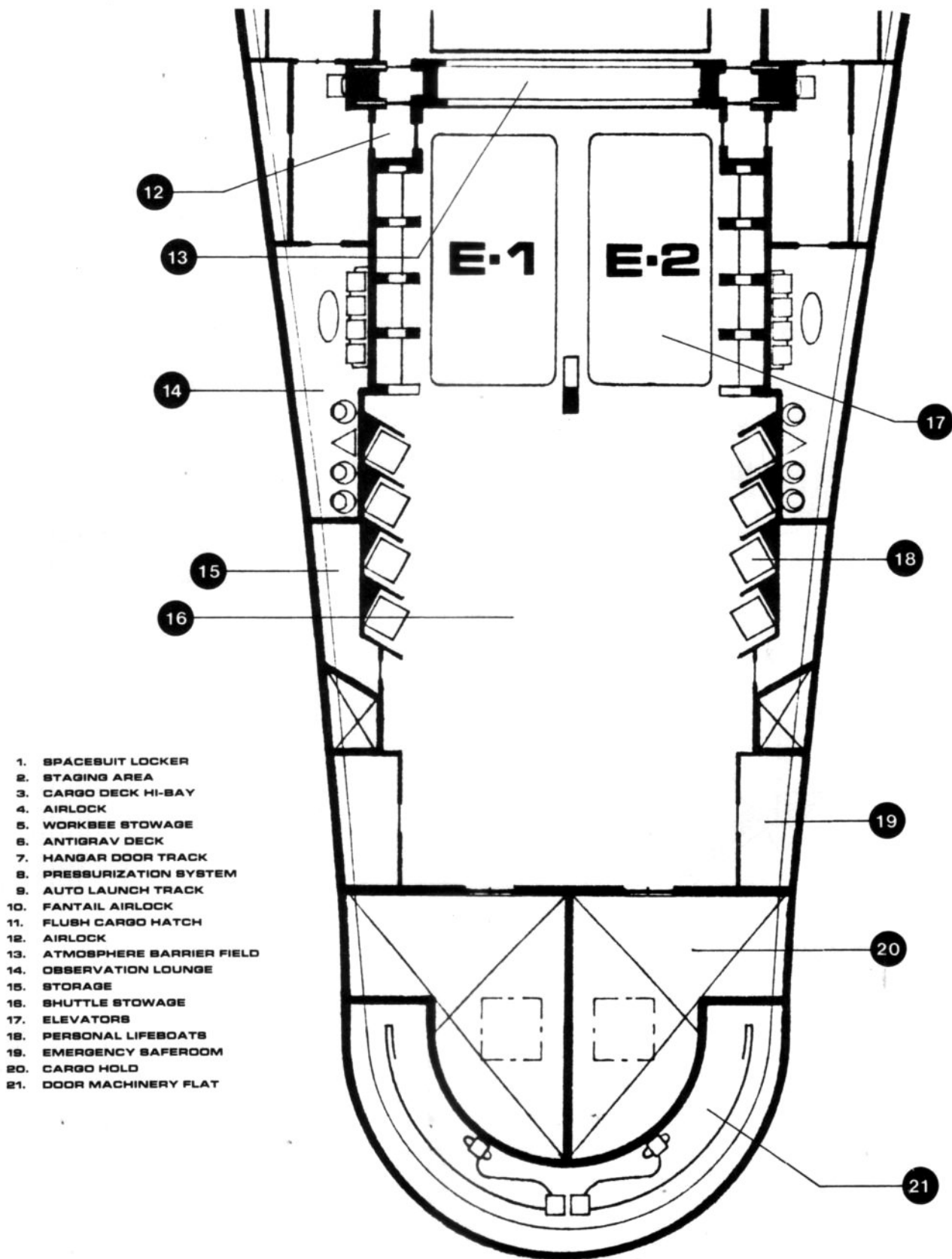
# HANGAR DECK — UPPER LEVEL

ENTERPRISE CLASS STARSHIPS



# HANGAR DECK — LOWER LEVEL

## ENTERPRISE CLASS STARSHIPS



# WARP NACELLE

LEEDING TYPE FWG-1 - EXTERNAL

- (A) FLOW SENSOR
- (B) SPACE ENERGY/MATTER ACQUISITION MATRIX
- (C) MAGNATOMIC FLUX CONSTRUCTION
- (D) MAGNATOMIC AMPLIFICATION CRYSTAL
- (E) CONTROL REACTOR
- (F) SUPPORT PYLON
- (G) MAGNATOMIC FLUX CHILLER
- (H) SPACE WARP GENERATOR
- (I) RUNNING LIGHT
- (J) REACTION CONTROL THRUSTER
- (K) INTERCOOLER
- (L) HULL ILLUMINATION BEACON

## SPECIFICATIONS:

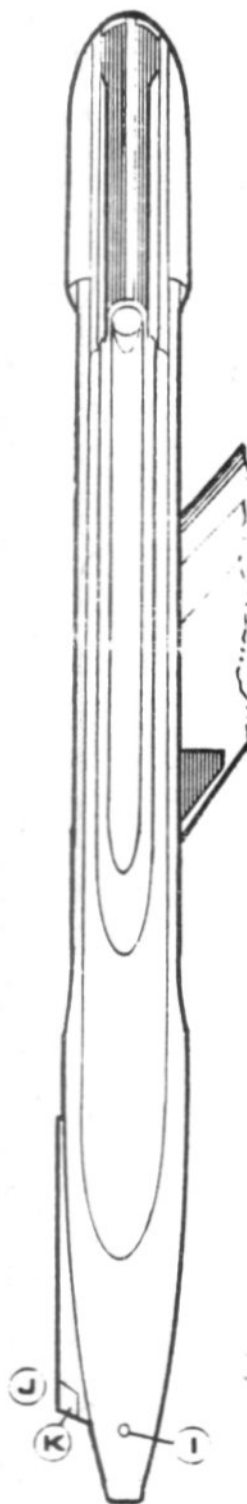
LENGTH - 154.8 M

DRAFT - 18.3 M

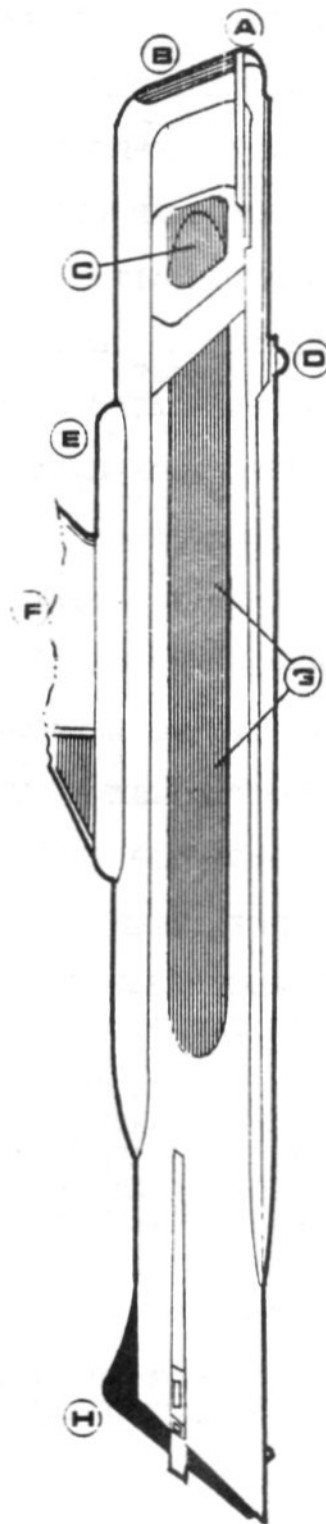
BEAM - 12.6 M



0 10 20 30  
METERS



TOP  
PLAN



OUTBOARD  
PROFILE

# WARP NACELLE

LEEDING TYPE FWG-1 - INTERNAL

- (A) INTAKE FLOW SENSOR
- (B) ADJUSTABLE INTAKE BAFFLES
- (C) MATTER COMPRESSION CHAMBER
- (D) LOCAL LIFE SUPPORT SUBSYSTEM
- (E) MATTER MAIN
- (F) DILITHIUM CRYSTAL CONVERTER ASSEMBLY
- (G) AMPLIFICATION CRYSTAL
- (H) SERVICE ACCESSWAY
- (I) CONTROL REACTOR
- (J) INTERMIX CHAMBER
- (K) WARP DRIVE ENGINE
- (L) SERVICE ACCESSWAY
- (M) MATTER DISTRIBUTION
- (N) SPACE WARP GENERATOR
- (O) INTERCOOLER
- (P) WARP CONDUIT PULSE GENERATOR

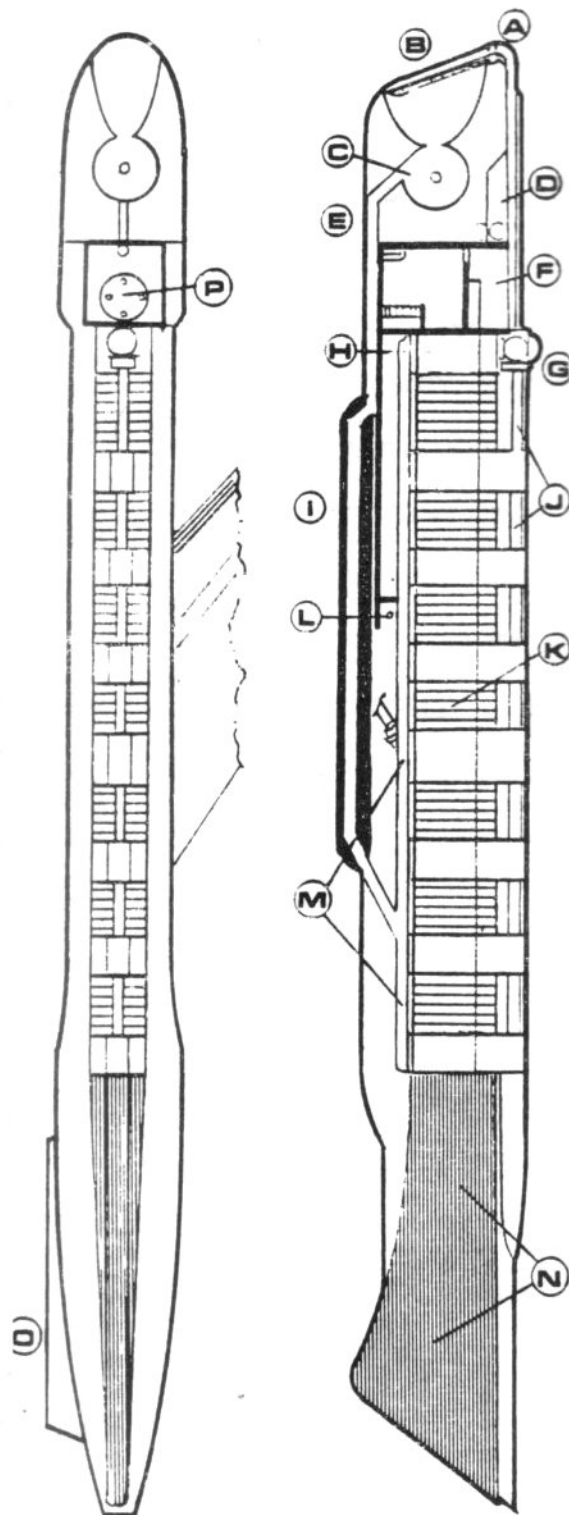
## ACCELERATION:

WARP 0.000 - 0.990: 19 SEC  
 WARP 0.990 - WARP 1: 1.1 SEC  
 WARP 1 - WARP 4: 0.78 SEC  
 WARP 4 - WARP 8: 0.67 SEC  
 WARP 8 - WARP 12: 2.13 SEC

## PERFORMANCE:

MAXIMUM SAFE SPEED: WARP 8  
 EMERGENCY SPEED: WARP 12

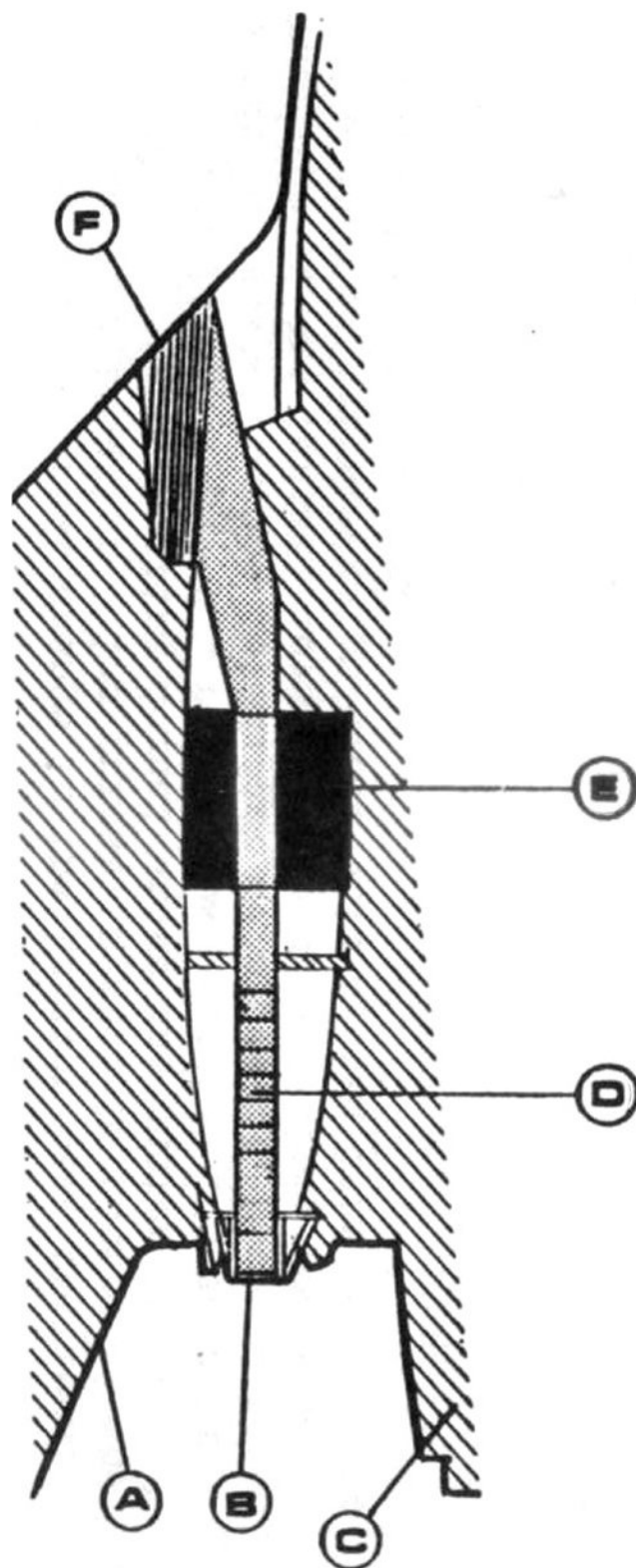
0 10 20 30  
 METERS



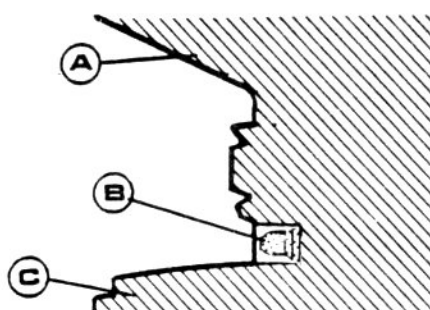
# PHOTON TORPEDO SYSTEM

## ENTERPRISE CLASS STARSHIPS

- (A) INTERCONNECTING DORSAL
- (B) TORPEDO TUBE
- (C) SECONDARY HULL
- (D) LAUNCH TUBE
- (E) TORPEDO FUEL STORAGE & LOADING
- (F) EXHAUST BAFFLES



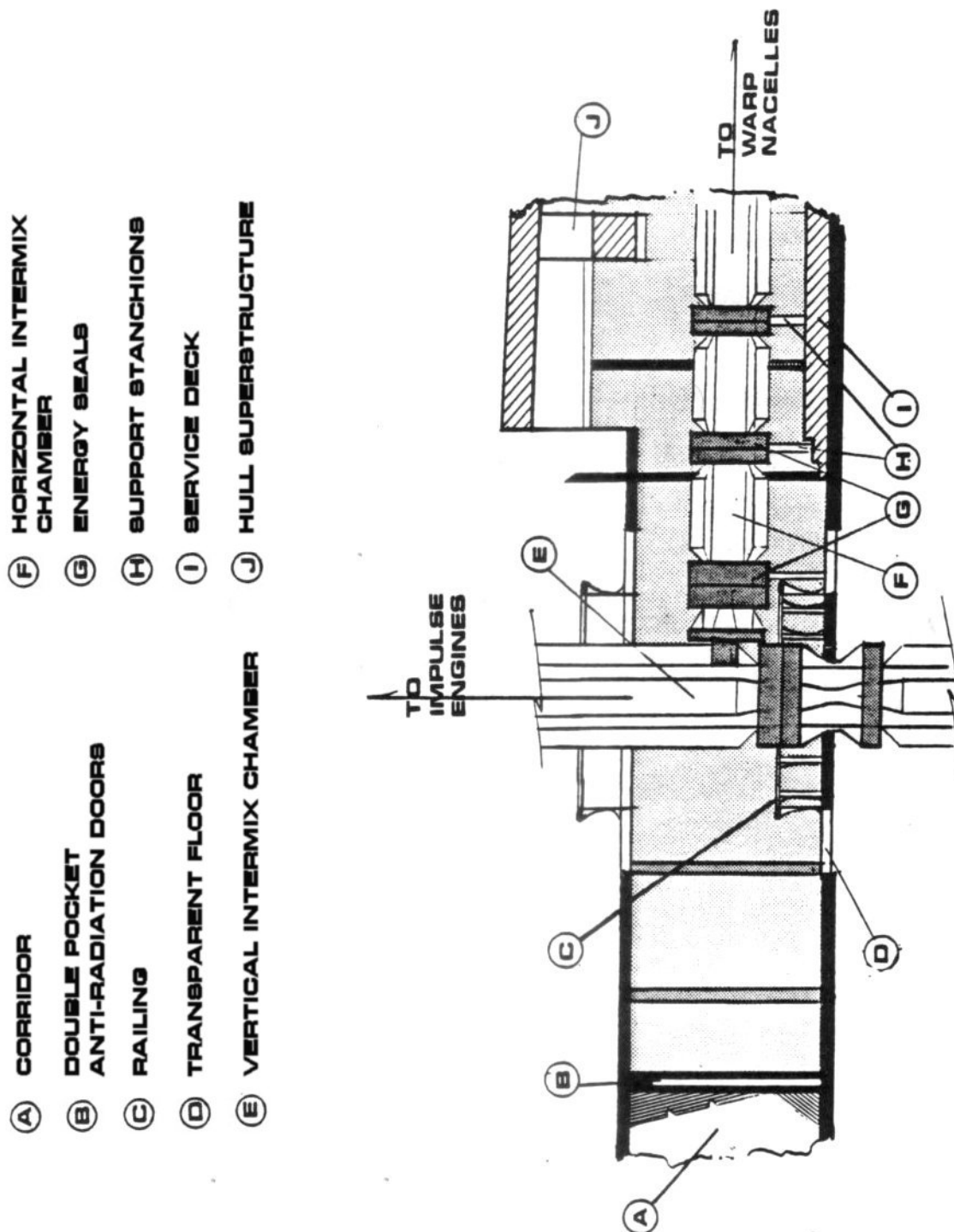
### TRACTOR BEAM DETAIL



- (A) INTERCONNECTING HULL DORSAL
- (B) TRACTOR BEAM [RETRACTABLE]
- (C) SECONDARY HULL

# ENGINEERING - MAIN DECK

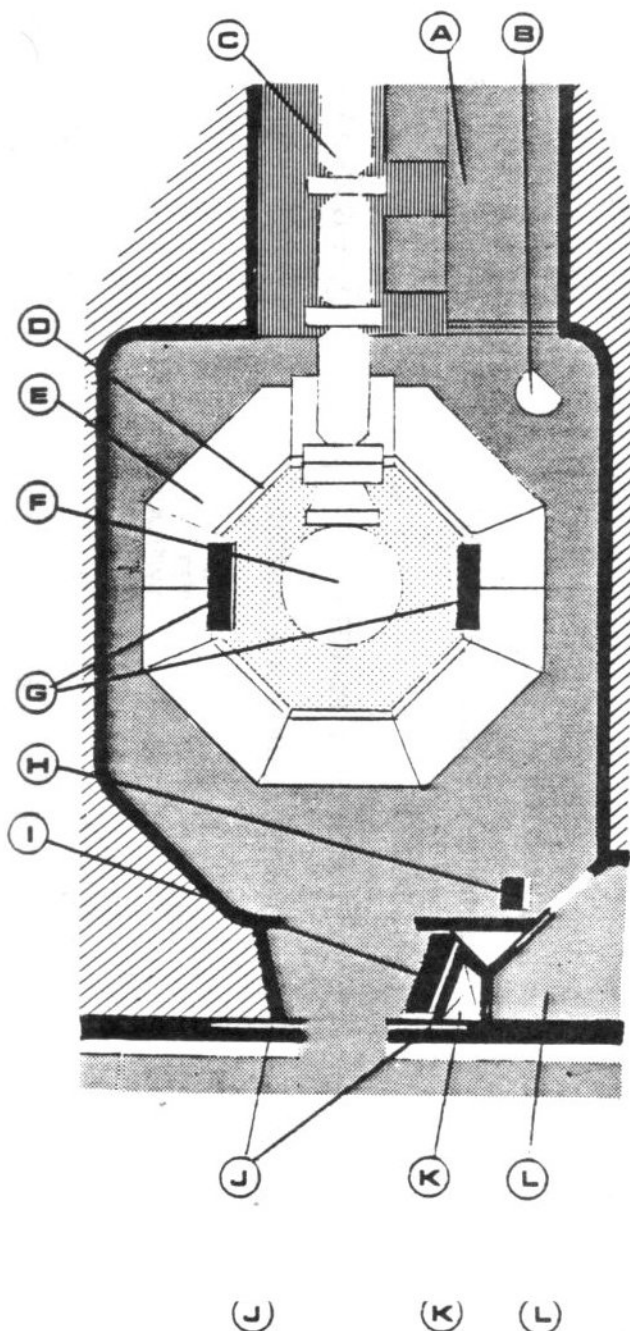
## SECONDARY HULL - ELEVATION



# ENGINEERING - MAIN DECK

SECONDARY HULL

- (A) SERVICE WALKWAY
- (B) SERVICE ELEVATOR
- (C) LINEAR INTERMIX CHAMBER
- (D) RAILING
- (E) TRANSPARENT FLOORING
- (F) VERTICAL INTERMIX CHAMBER
- (G) WARP DRIVE MONITOR AND CONTROL CONSOLES
- (H) SIMULATION TEST STATION
- (I) IMPULSE ENGINES - MAIN DECK MONITOR
- (J) DOUBLE POCKET ANTI-RADIATION DOORS
- (K) PIPING AND WIRING TRUNKS AROUND
- (L) STORAGE ROOM (FOR REPLACEMENT CIRCUITS, COMPONENTS, AND TEST & REPAIR EQUIPMENT)



0 2 4 6  
METERS

# PERSONAL MEDISCANNER

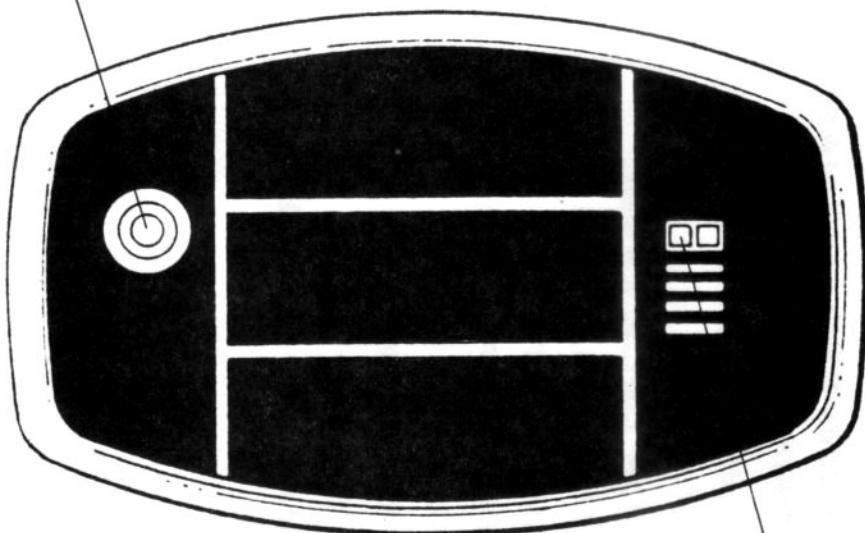
STAR FLEET STANDARD

UNIFORM ATTACH



TOP

POWER CELL



FRONT

RESET BUTTONS

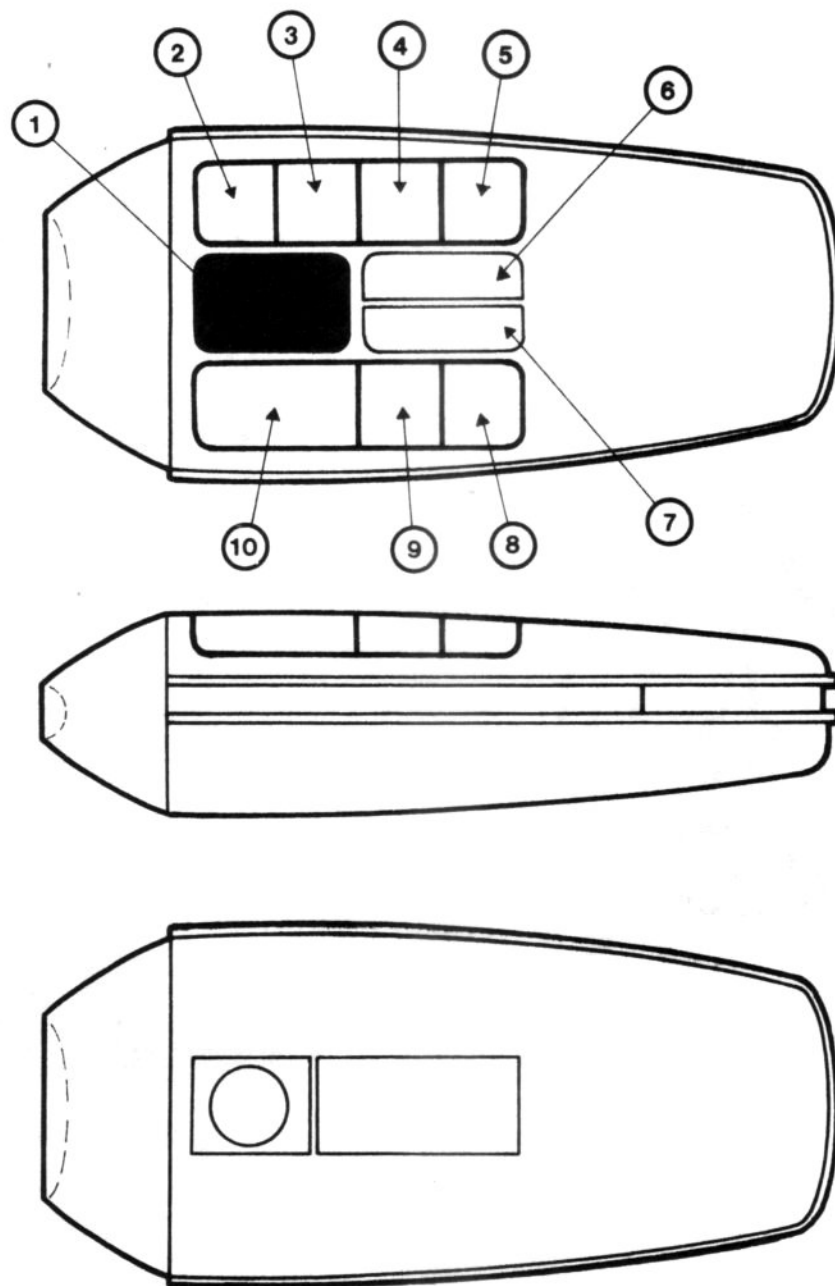


SIDE



# PHASER THREE

## SHORT RANGE BEAM WEAPON

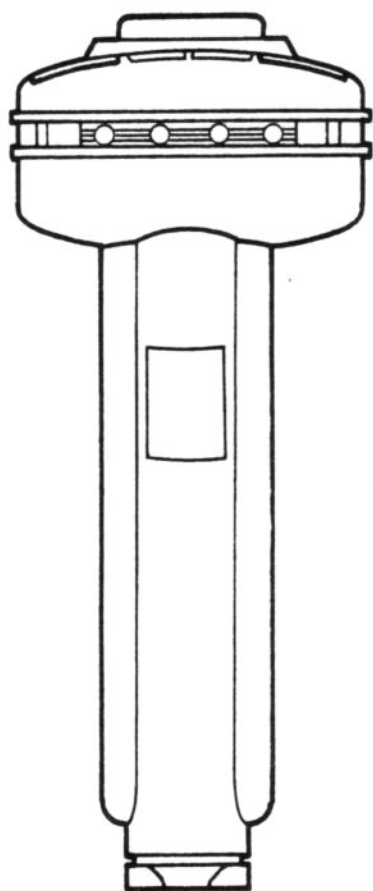


- 1. TRIGGER
- 2. ENTER KEY
- 3. DEMATERIALIZER SELECT
- 4. DISRUPT SELECT
- 5. STUN SELECT

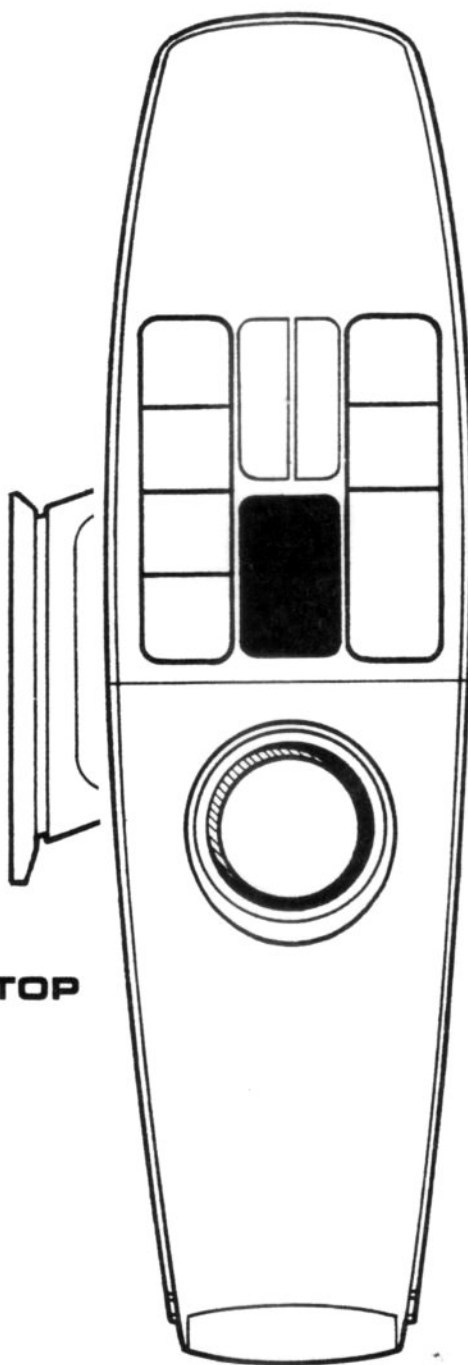
- 6. NARROW BEAM SELECT
- 7. WIDE BEAM SELECT
- 8. SETTING INTENSITY SELECT
- 9. POWER ON / OFF
- 10. SAFETY

# PHASER FOUR

MIDRANGE BEAM WEAPON

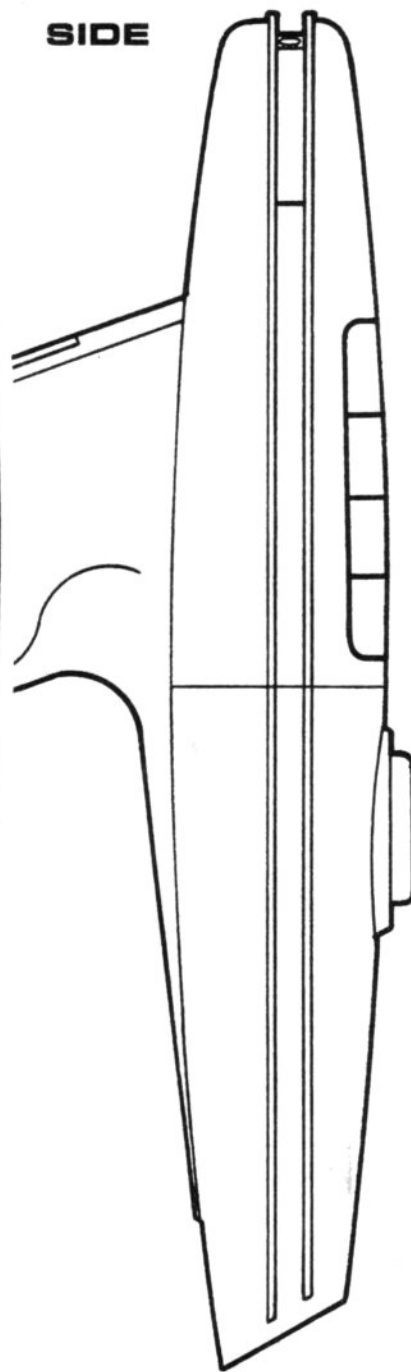


FRONT



TOP

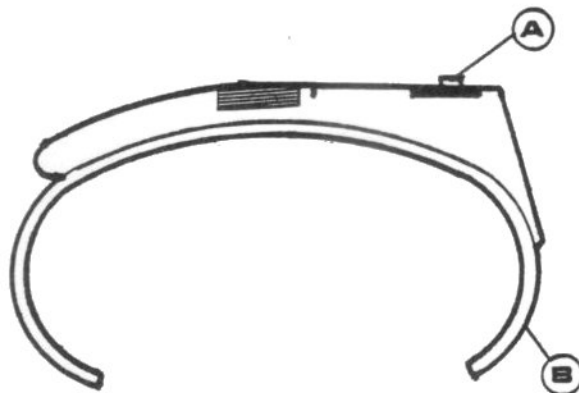
SIDE



# COMMUNICATOR

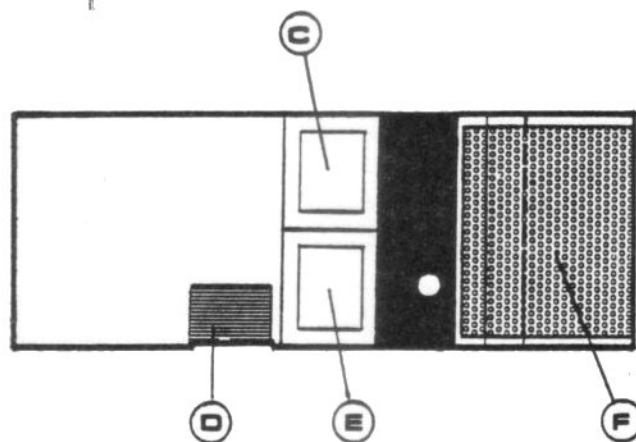
STAR FLEET STANDARD ISSUE

SIDE VIEW



**RANGE - 15000 KM**  
**OPERATIONAL LIFE - 2 YEARS**  
**[TERRAN]**

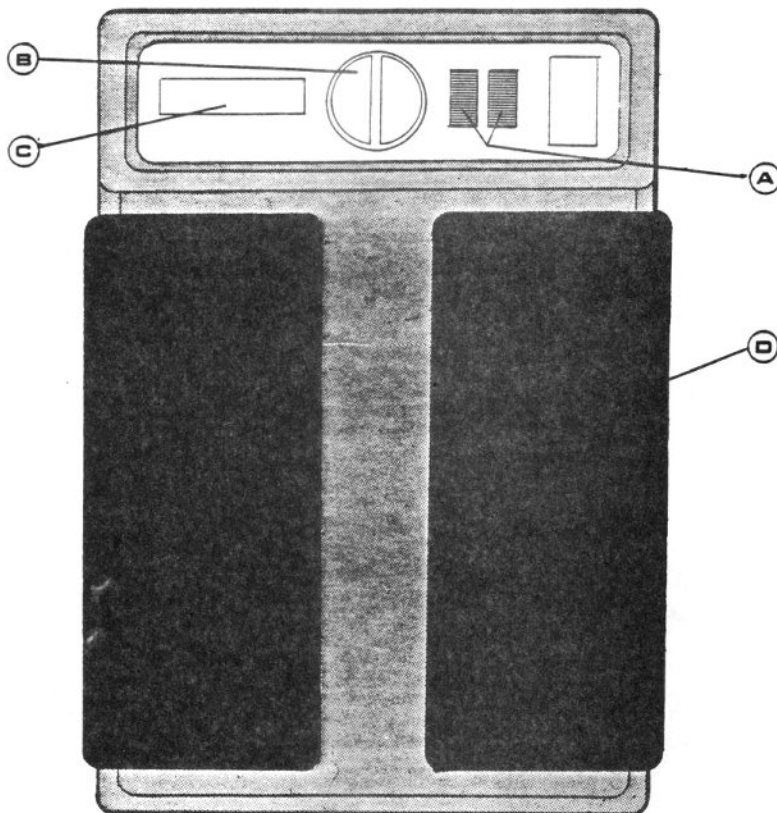
TOP PLAN



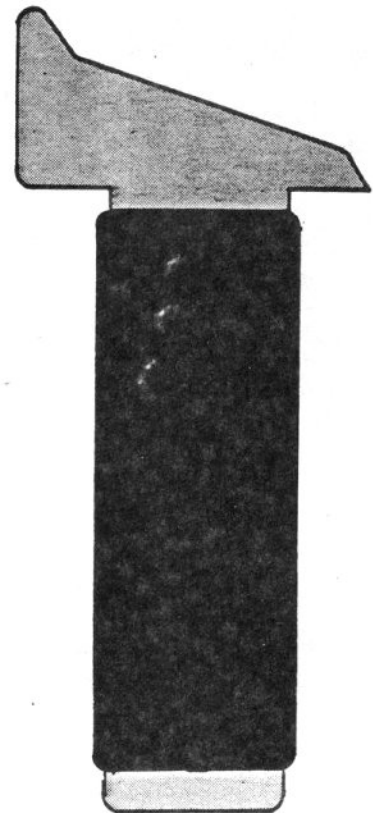
- |  |                          |
|--|--------------------------|
| (A) EMERGENCY ALERT CONTACT  | (F) SPEAKER / MICROPHONE |
| (B) ANTENNA / BRACELET   |                          |
| (C) PERSON-TO-SHIP MODE  |                          |
| (D) ACTIVATION SLIDE SWITCH  |                          |
| (E) PERSON-TO-PERSON MODE<br>[VOICE COMMAND WILL CONTACT<br>THE WEARER WITH DESIRED PARTY<br>BY SIMPLY STATING HIS/HER NAME] |                          |

# TRICORDER

STAR FLEET STANDARD ISSUE



FRONT VIEW

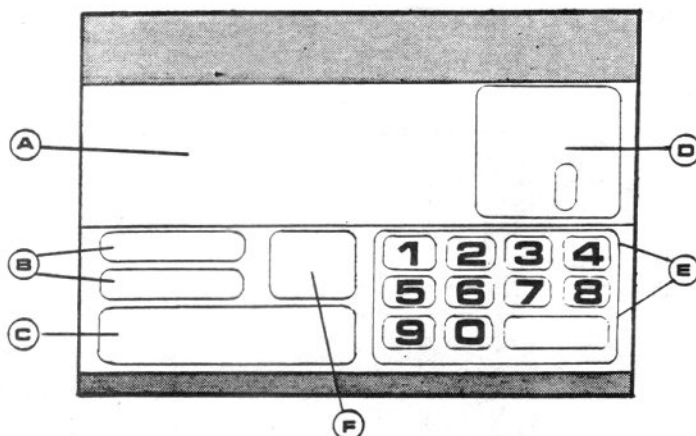


SIDE VIEW

- (A) ATMOSPHERIC SENSORS
- (B) LIFE FORM SENSORS
- (C) FIELD SENSORS [VARIOUS]
- (D) HAND GRIP

## SPECIFICATIONS:

L.O.A. - 10 CM  
W.O.A. - 8 CM  
H.O.A. - 14 CM



TOP PLAN

- (A) COMPUTER IMAGING PLATE
- (B) LIFE FORM INDICATORS
- (C) FIELD INDICATORS [VARIOUS]
- (D) LOG ACCESS PLATE
- (E) I/O INTERFACE PLATE
- (F) ATMOSPHERIC INDICATOR

# WORKBEE

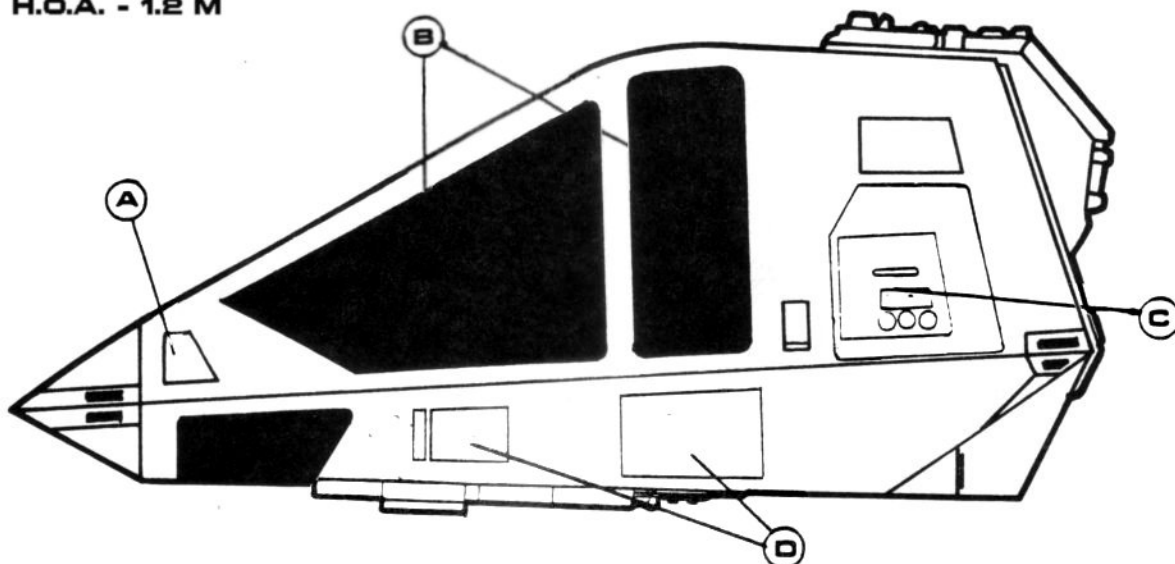
## SINGLE-OPERATOR UTILITY VEHICLE

### SPECIFICATIONS:

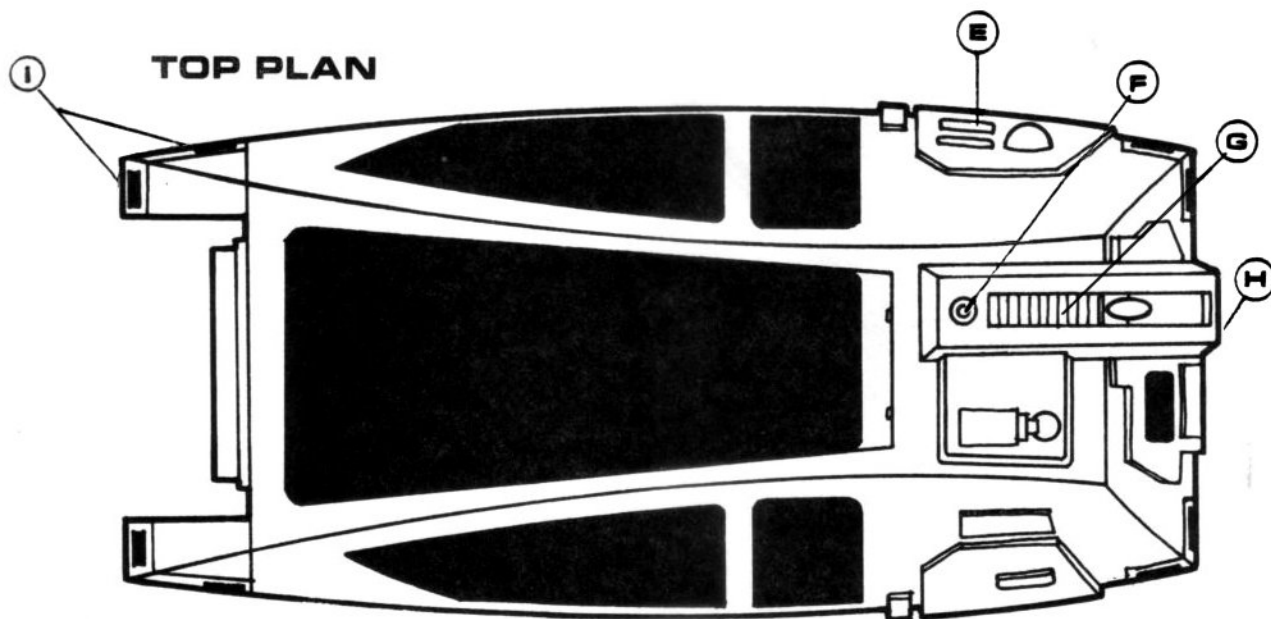
L.O.A. - 2.7 M

W.O.A. - 1.3 M

H.O.A. - 1.2 M



**PORT ELEVATION**

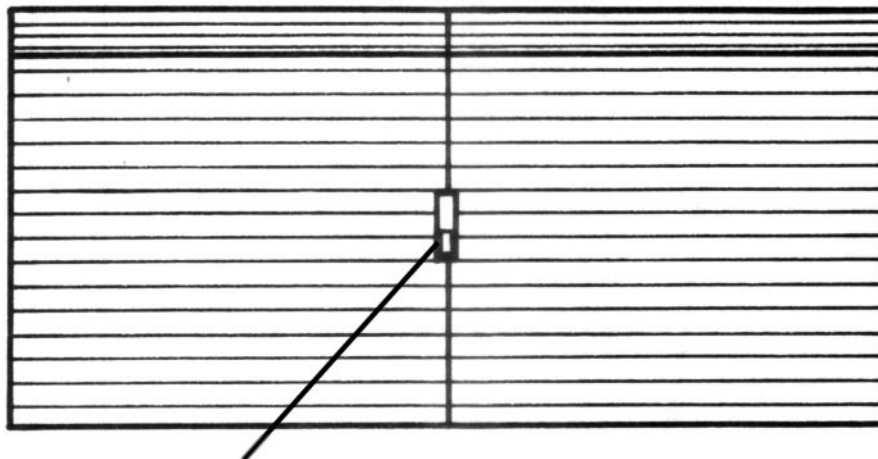


**TOP PLAN**

- |                                   |                                |
|-----------------------------------|--------------------------------|
| (A) HARD DOCK ATTACHMENT POINTS   | (E) SHIP'S POWER EQUIPMENT     |
| (B) SIDE PORT                     | (F) NAVIGATION BEACON          |
| (C) LIFE SUPPORT EQUIPMENT ACCESS | (G) ENGINE VENT SYSTEM         |
| (D) WORK PACKAGE CONTACT POINTS   | (H) MAIN GENERATOR             |
|                                   | (I) REACTION CONTROL THRUSTERS |

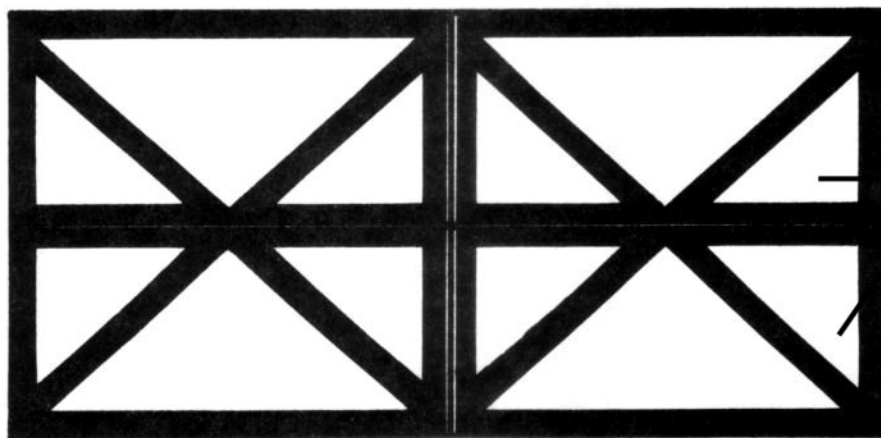
# CARGO MODULE

TYPICAL TANDEM UNIT - STAR FLEET STANDARD



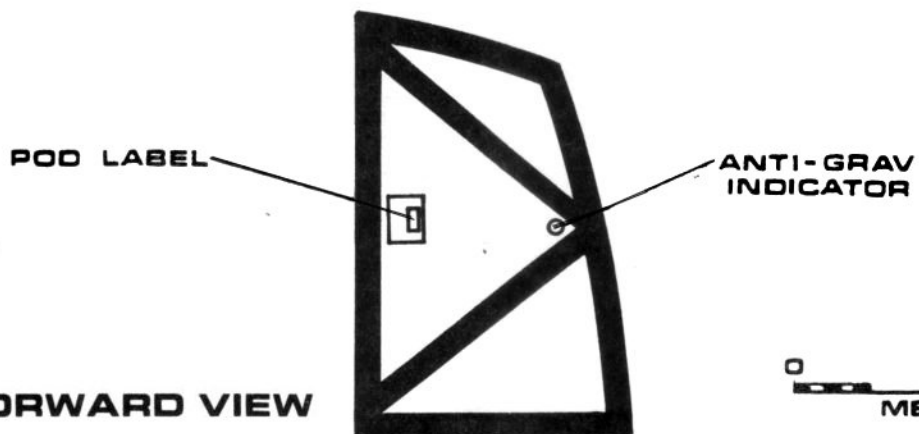
MODULE LINKING LATCH

OUTBOARD VIEW



POD  
DOORS

INBOARD VIEW

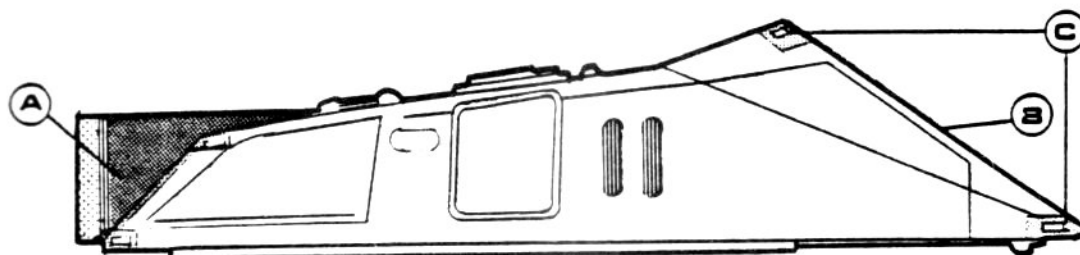


FORWARD VIEW

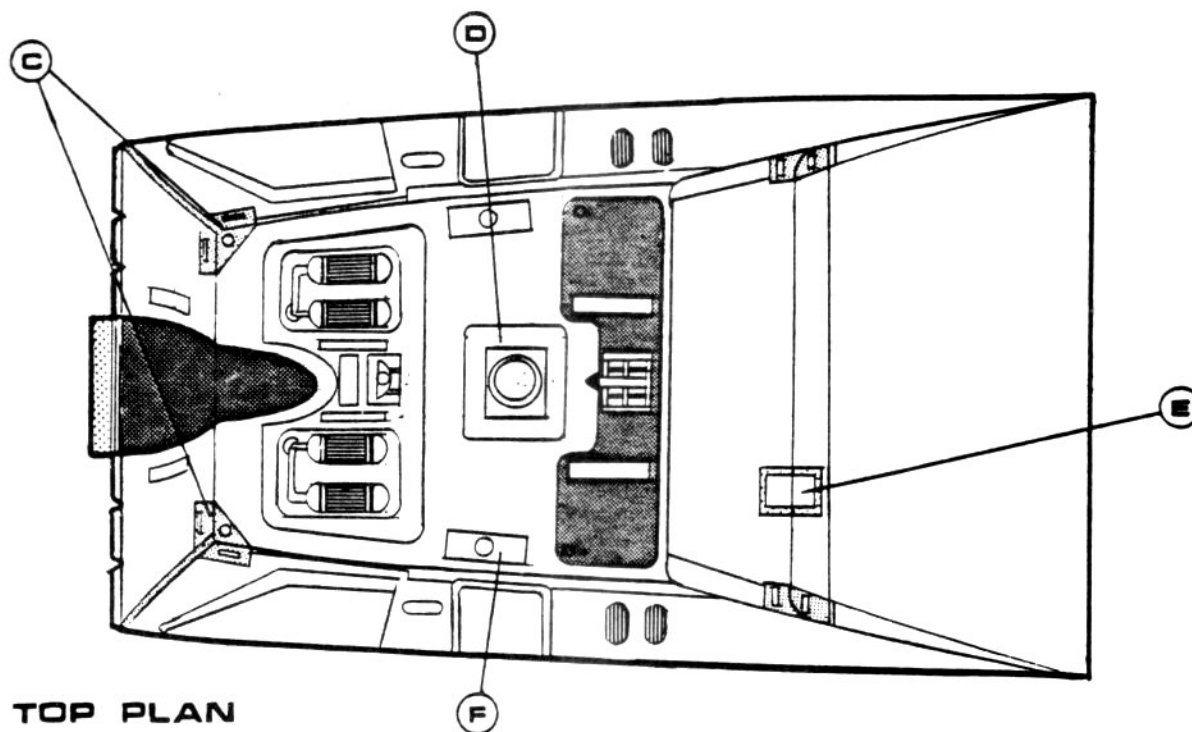
0 1 2  
METERS

# LONG RANGE SHUTTLE

STAR FLEET PERSONNEL TRANSPORT



STARBOARD PROFILE



TOP PLAN

- (A) DOCKING RING
- (B) HEAT SHIELD (ATMOSPHERIC ENTRY)
- (C) REACTION CONTROL THRUSTERS
- (D) EMERGENCY UPPER HATCH
- (E) VISUAL LOCATION BEACON
- (F) PHASER BANKS (P/S)

## SPECIFICATIONS:

L.O.A. - 18.7 M

W.O.A. - 11.1 M

H.O.A. - 4.4 M

# **APPENDIX 1**



# **HISTORICAL**



**SS BOTANY BAY**

**DECLASSIFIED**

**TOP SECRET**

**FOR EYES OF STAR FLEET**

**COMMAND ONLY**



# MEMORY ALPHA

0 MK 250 • RANGE 165 PC

Stardate 3153.1

Captain James T. Kirk  
SC 937-0176 CEC  
U.S.S. ENTERPRISE  
SFPO San Francisco, Calif.  
Terra

Dear Captain Kirk:

At your request, I have made a thorough search of the library historical archives for any material pertaining to your recent discovery in deep space of the S.S. BOTANY BAY, and am forwarding the enclosed documents for your perusal. These are believed to date from before the Eugenics Wars, but as our records from that period are fragmentary, I have no way of verifying the dates and events mentioned.

You will note that the BOTANY BAY has been modified somewhat from its original design, as depicted in the enclosed blueprints of the SAVANNAH class vessel. Whether the other ships of this type were constructed at all is a matter of some controversy, and we expect to uncover further modifications as soon as the BOTANY BAY is delivered to the Federation Air and Space Museum on Terra.

I might also point out that the author of both the letter and newspaper article (newspapers were a hard-copy form of news and current events, common until the late 20th Century) is thought to be the same Geoffrey Mandel who later played an influential role during the post-Eugenics Wars reconstruction period.

I hope these documents will be of some value. Don't hesitate to contact me if you require further information.

Sincerely,

*Lydia Romaine*

Lydia Romaine, Chief Archivist  
Memory Alpha

# The New York Times

March 16, 1990

## *Existence of Supermen Confirmed* **Eugenic Experimentation Prompts World Concern**

By GEOFFREY MANDEL  
Special to the New York Times  
NEW YORK, March 16—United Nations spokesmen, in conjunction with officials of five other nations, revealed today to the U.N. General Assembly the existence of several jointly-run research centers located in unnamed third world nations. According to members of the U.N. security force that has visited one of the centers, the research is being conducted in the field of human genetics, although spokesmen pointed out that the purpose of these installations is not to create a race of "supermen," but rather to improve the human condition through controlled experimentation with human subjects. "The individuals participating in these experiments are under strict biological and genetic supervision," said Nobel Prize-winning geneticist Stavos Keniclius, present at the press con-

ference, "and there's no possibility that they will turn into a race of unrecognizable monsters."

The research centers are staffed with over two thousand specialists from all walks of civilian and military life, and this select group of scientists and administrators have been guiding the growth of some 189 eugenic "supermen" since their birth in the early 1960's. U.N. doctors who have examined these individuals are reportedly amazed at their physical and mental stamina.

The research has been attacked by several nations as a violation of the United Nations charter, and Pope John Paul called for a halt to all experimentation with human subjects. A bill will shortly be introduced to the Senate which would ban such research under the Constitution as "cruel and unusual punishment." Dr. Keniclius, who is head of the U.N. Committee on

Eugenic Research, responded that the experimental subjects involved in the project has been "given every economic and social advantage." Many of these individuals, he maintained, come from underprivileged societies, and have been given a far better upbringing and education than they could otherwise hope for. U.S. child custody laws necessitated the research being carried out in developing countries, where such laws are far more lenient.

It is predicted that the life expectancy of the "supermen" could be up to fifteen years longer than average, and a remarkable immunity to disease has been demonstrated. Scientists have long maintained that vast genetic improvement could be made on the human species, doubling or even tripling the life span, and "weeding out" such factors as hereditary diseases and even undesirable physical characteristics.

Several student groups and religious organizations have voiced unexpected support for the research being carried out, and hail the supermen as "homo superior," the savior of mankind. During unprecedented demonstrations at Columbia University, students called for continuation of the program.

The supermen themselves are a mixture of different racial types, and range in age from eighteen to twenty-nine—all first generation children of volunteers chosen for desirable genetic traits. Approximately one-third of the supermen should actually be called "superwomen," the ratio having been

*Continued on Page B14, Column 2*

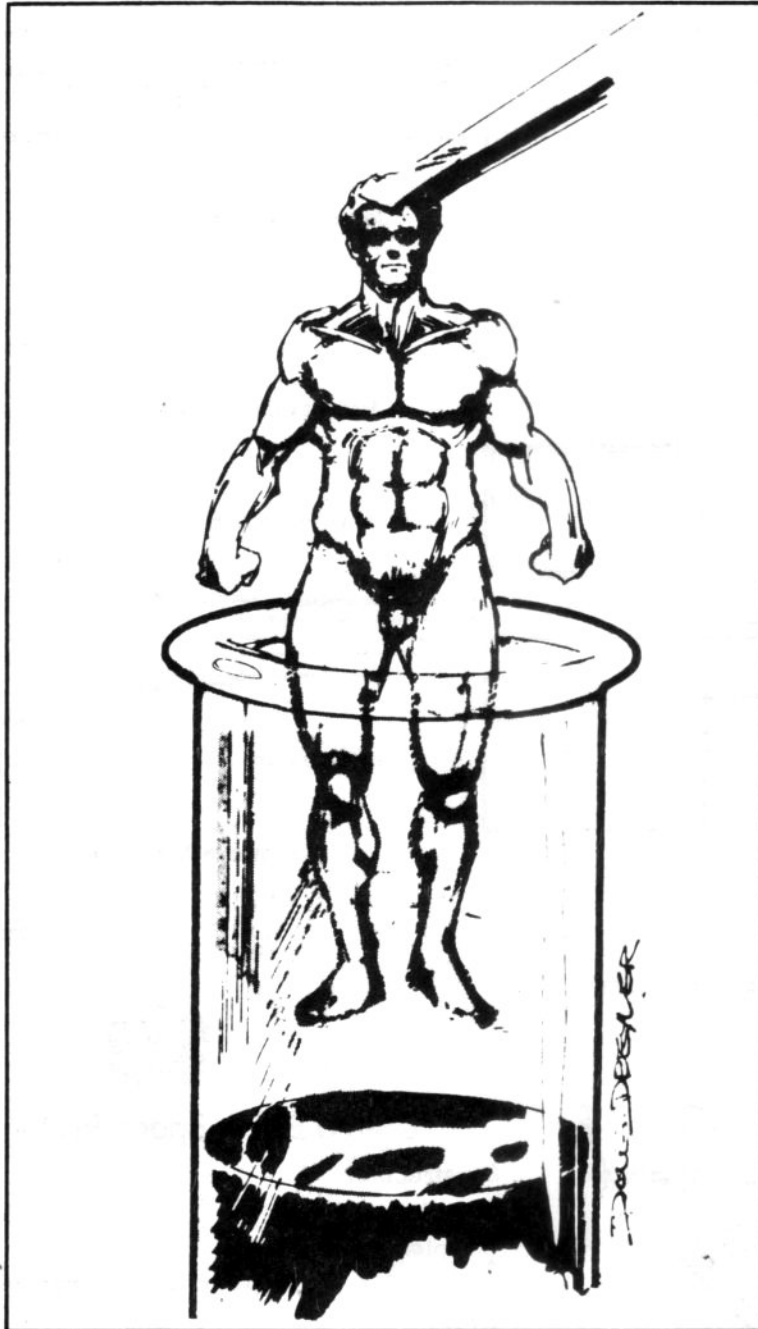


Khan Noonian Singh, eldest of the genetic supermen, recently celebrated his thirty-first birthday.

# The New York Times

September 8, 1992

## Eugenic Supermen: Saviors or Dictators?



Biological and behavioral research, always warmly received in governmental circles, has made tremendous progress in the century since Darwin and Mendel. But only in the last two decades has it become possible to alter the genetic makeup of a man, and so

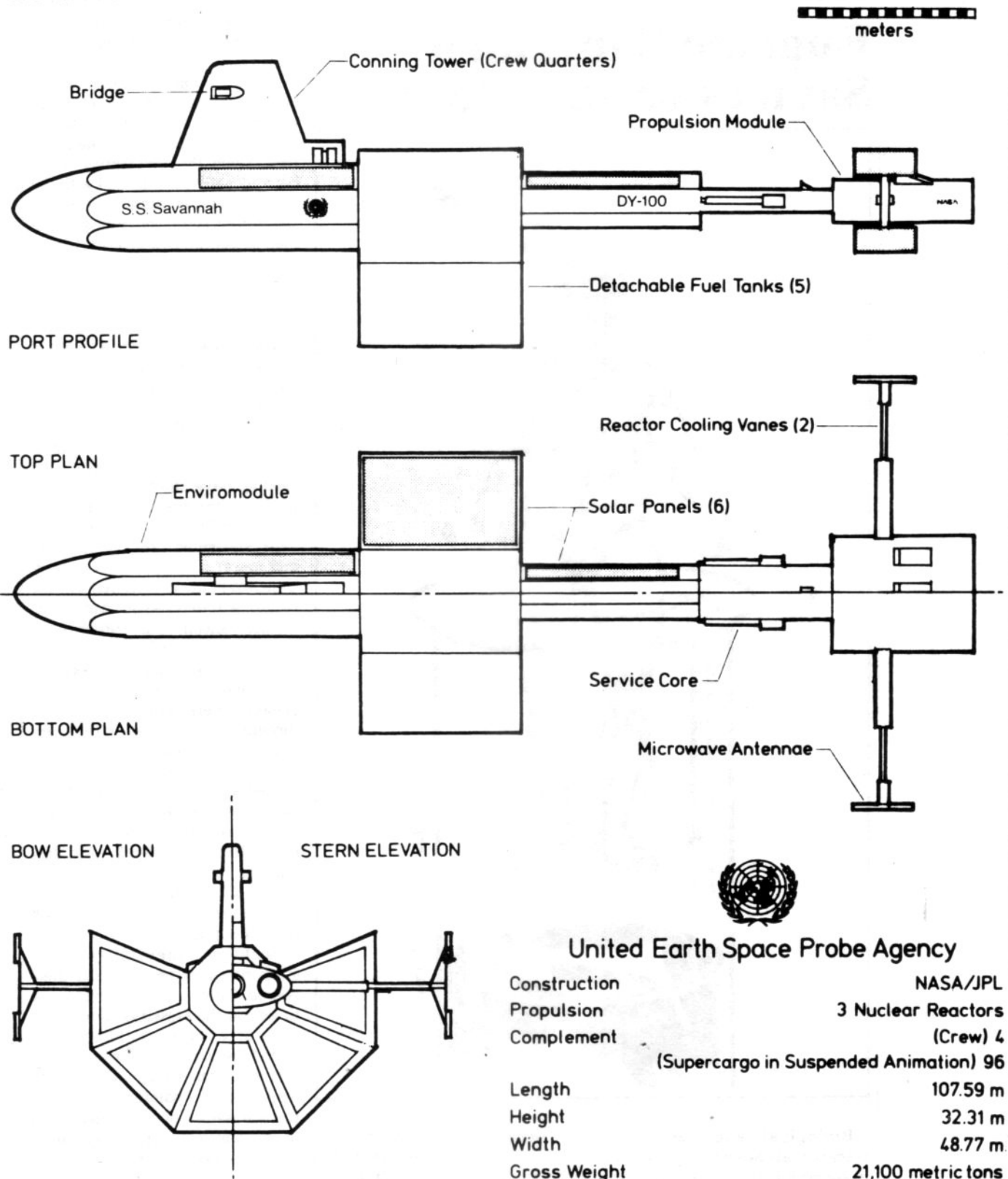
create a different human being—although not necessarily a better one.

Ready to take advantage of the enormous strides in eugenic research was an international group of biologists and geneticists who, since the mid-sixties, have been literally playing God with the lives of children obtained through sometimes legal, sometimes illegal means. As the raw material for a race of genetically-improved supermen, these children were raised and educated under carefully controlled conditions. They were taught to use their great powers to better mankind—but not, significantly, how. Once these supermen had reached maturity, they were deemed ready to enter the world and hopefully change it for the better. But events succeeding have shown that the project's controllers forgot one very important factor in the creation of their supermen: their emotional and moral development. Once entrenched in the governments of the third world—Latin America, Mediterranean and sub-Saharan Africa, Central Asia—the supermen were quick to take advantage of popular support and increase their political power; through military allies in the Communist Bloc and intensive propaganda campaigns, they have gained what amounts to dictatorial control of these areas. In the midst of the political turmoil that has characterized the third world during the past forty years, these leaders offer order. And the people believe them; in droves they flock to their support.

Perhaps inevitably, the supermen now begin to tell their people that it is their responsibility to extend the blessings of order to other areas of the world, and thus to end the exploitation which, they maintain, has been going on for so long. It is now painfully evident to the instigators of the project, and to the world at large, that these men have been given great power, but not the knowledge or the wisdom to use it.

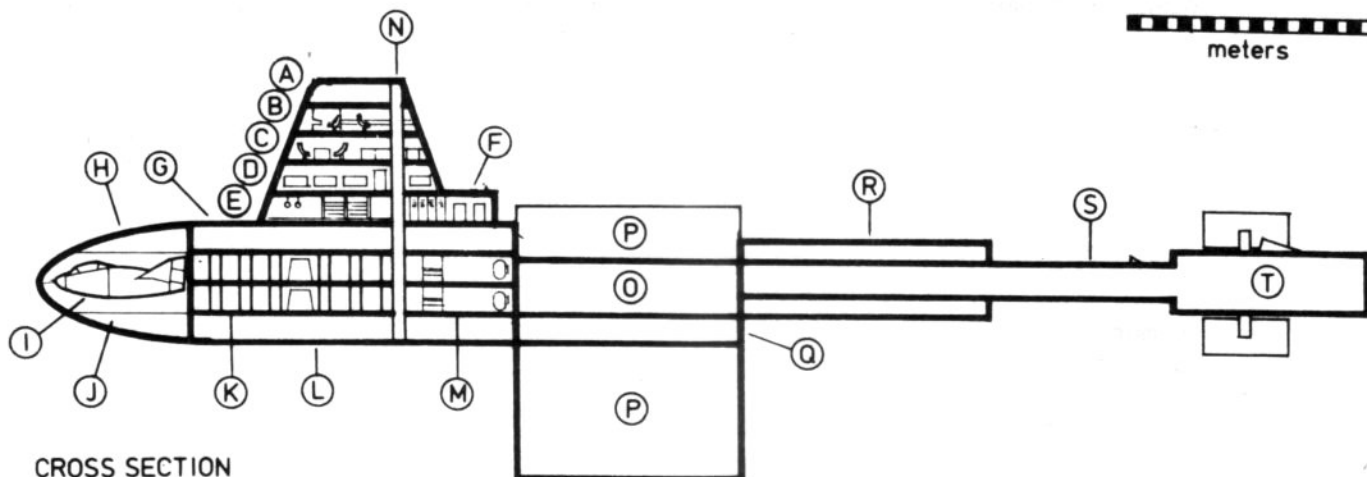
# DY-100 CLASS

S.S. SAVANNAH CLASS INTERPLANETARY VESSEL



United Earth Space Probe Agency

Construction	NASA/JPL
Propulsion	3 Nuclear Reactors
Complement	(Crew) 4 (Supercargo in Suspended Animation) 96
Length	107.59 m
Height	32.31 m
Width	48.77 m
Gross Weight	21,100 metric tons



#### KEY

- |                              |                                       |
|------------------------------|---------------------------------------|
| (A) Radar Array              | (K) Cryogenic Units (96)              |
| (B) Bridge                   | (L) Algae Tanks/Hydroponic Garden     |
| (C) Galley                   | (M) Hibernation Monitor Rooms         |
| (D) Crew Quarters            | (N) Access Well (Zero Gravity)        |
| (E) Gymnasium                | (O) Cargo/Storage Hold                |
| (F) Airlock/EVA Suit Lockers | (P) Pressurized Hydrogen Tanks (5)    |
| (G) Liquid Nitrogen Storage  | (Q) Fuel Pump/Tank Jettison           |
| (H) Landing Craft Hangar     | (R) Solar Batteries (Shipboard Power) |
| (I) 6-Person Landing Craft   | (S) Service Core                      |
| (J) Fuel Storage             | (T) Nuclear Reactors (3)              |

#### AUTHORIZED CONSTRUCTION

Savannah	DY-100	Chairman Mao	DY-105
Mayflower	DY-101	Half Moon	DY-106
Botany Bay	DY-102	Vasco da Gama	DY-107
Nikita Khrushchev	DY-103	James Cook	DY-108
King Charles	DY-104	Werner von Braun	DY-109

#### COMPLEMENT

Crew: Captain  
 Navigator/Pilot  
 Flight Engineer  
 Ecologist/Doctor

Supercargo: Landing Craft Crew (6)  
 Engineers (12)  
 Specialists (15)  
 Construction Crew (8)  
 Colonists (55)



# UNITED EARTH SPACE PROBE AGENCY

U.E.S.P.A. • WORLD HEADQUARTERS • 1 United Nations Plaza • New York City, New York 10027

May 13, 1990

GEOFFREY MANDEL  
NASA Liaison

Dr. Imran Ahmed  
Staff Consultant  
Project SETI  
Arecibo, Puerto Rico

Dear Imran,

Enclosed are the prospectives on the new sleeper ships--I thought you'd be interested. UESPA is still calling this stuff top secret, so please don't show these around. With any luck, the Botany Bay will be ready for a Mars expedition sometime in 1994, after we put the Savannah through a trail run. Then, on to the asteroid belt! No word yet on whether the General Assembly will authorize funds for the other seven, but it looks like 1995 at the earliest.

I've already put in my application for the Botany Bay, and if you plan to do the same, you better hurry--there are a lot of science fiction readers in our generation that will jump at the chance to colonize a new planet. I know that we never expected anything like this to come along during our "Star Trek" days at Columbia.

Have you been following this "supermen" business? It's a bit frightening to realize that during the clone scares in the 80's, there was already a group of eugenically altered twenty-year-olds living in South America. Everybody seems quite excited over the prospect of perfect bodies and longer lives for their children, and the supermen got quite a reception here in New York. I was watching the celebration from my office window, and they don't look superior to me--if anything, they looked rather bored with the whole thing.

Any news about that terrestrial planet you fellows have found around Alpha Centauri? It should be a good candidate for Project Daedalus, if we ever get it off the ground. We still hope to have a practical starship on the drawing boards by 2000--any ideas?

Best wishes

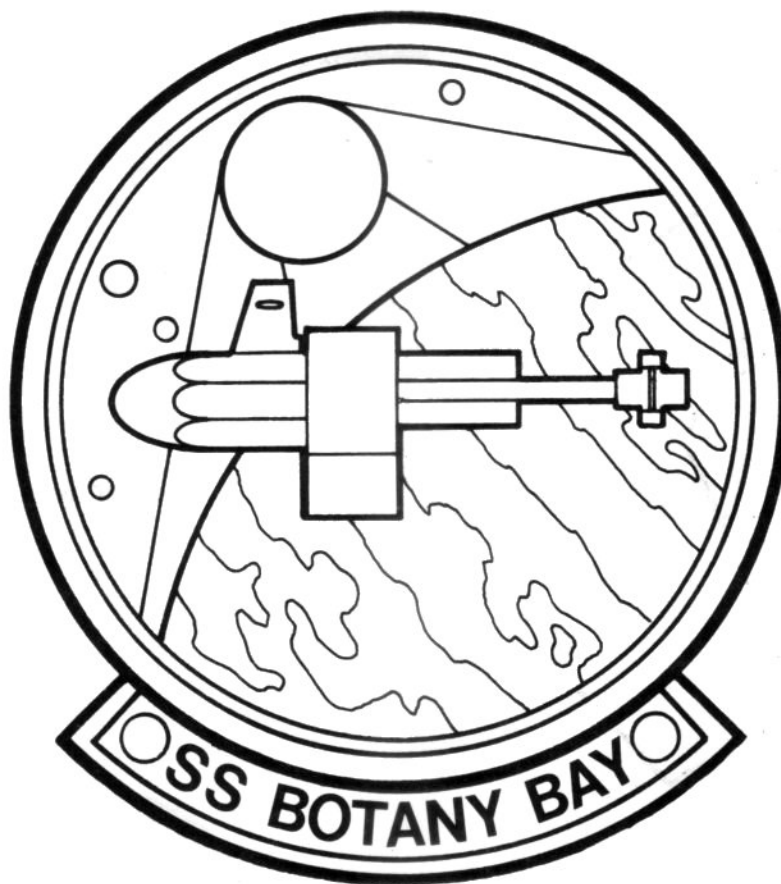
A handwritten signature in cursive script, reading "Geoffrey", is written over the "Best wishes" line.

GM:ol



# UNIFORM INSIGNIA

DY-100 CLASS



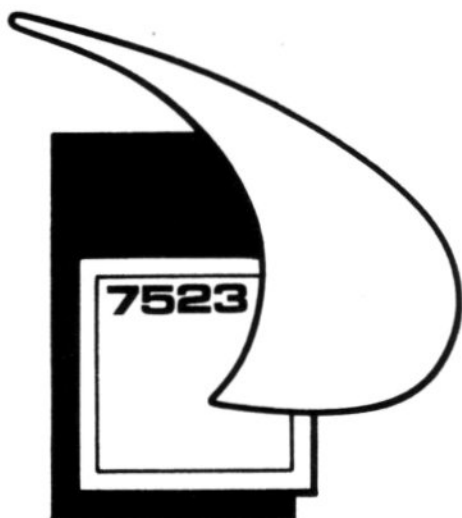


# UNIFORM INSIGNIA

## UESPA SCIENCE AND SURVEY VESSELS



U.S.S. HURON



U.S.S. BEAGLE

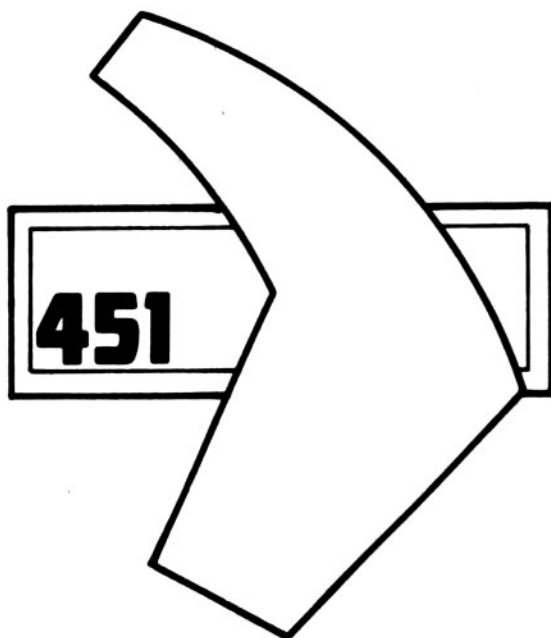
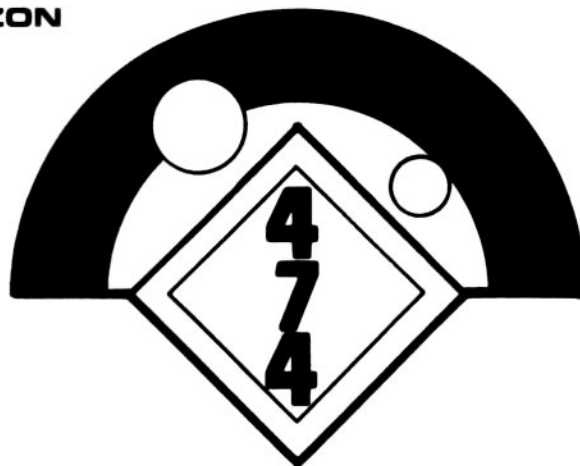


U.S.S. ANTARES

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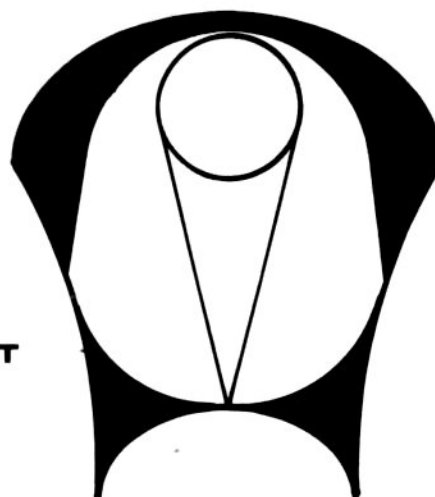
## UESPA SCIENCE AND SURVEY VESSELS

**U.S.S. HORIZON**

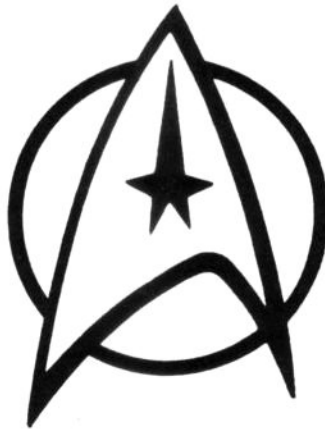


**U.S.S. ARCHON**

**U.S.S. VALIANT**



# **APPENDIX 2**



# **TALOS IV REPORT**

# TALOS IV

**DECLASSIFIED**

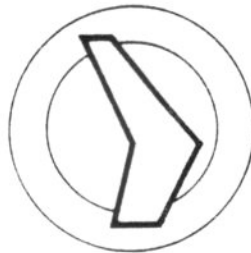
TOP SECRET

FOR EYES OF STAR FLEET

COMMAND ONLY

**RESTRICTED**

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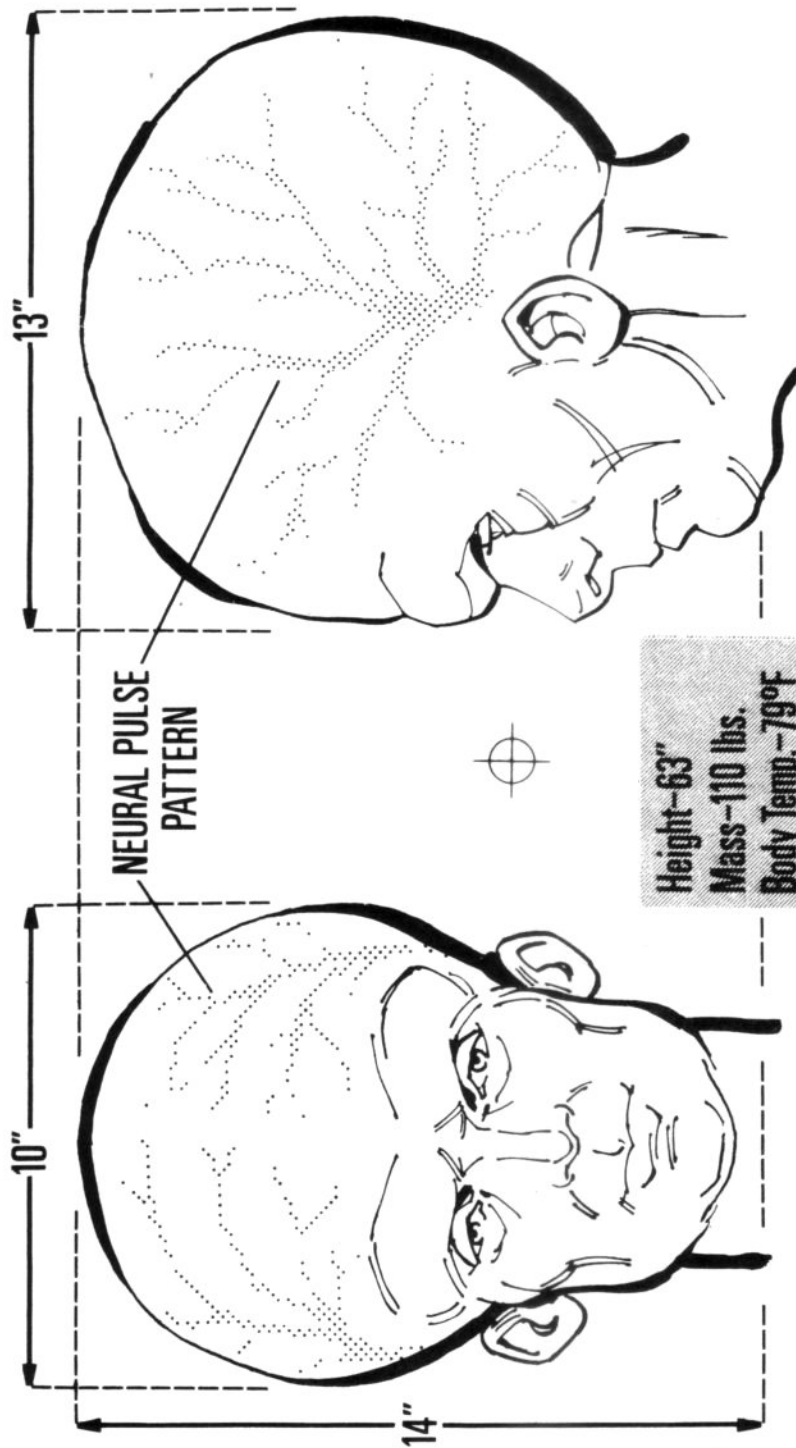
**RESTRICTED**

**PLANETARY SURVEY PS-1701/27563**

TALOSIAN 'KEEPER' (HOMO TALOSII)

|||||78.934

BIOSCAN/TRICORDER READOUT



Height-6'3"  
Mass-110 lbs.  
Body Temp.-79°F  
Pulse Rate-34 pm  
Respiration-11 pm

--FRONT--

--SIDE--

DISCOVERED BY-V. OLIVER, S.S. COLUMBIA  
SPECIES HP-4773-W (SWEENEY CAT. No.)

WARNING  TELEPATH

SD 1298.3  
PS-1701/27563

## PLANETARY SURVEY OF TALOS IV-STARDATE 1298.9

REPORT OF THE SURVEY VESSEL U.S.S. ENTERPRISE, CAPTAIN CHRISTOPHER PIKE COMMANDING, STARDATES 1298.3-1298.5 INCLUSIVE.

(1) DESCRIPTION OF PLANET - CLASS M WORLD, DIAMETER 7,600 MILES, OXYGEN-NITROGEN ATMOSPHERE. DISTANCE FROM SUN 61 MILLION MILES, ORBITAL PERIOD 194 DAYS. SLIGHTLY LESS MASSIVE THAN EARTH-NORMAL, TRACE DEPOSITS OF HEAVY METALS, GRAVITY 0.89 STANDARD. ROTATION PERIOD 48 DAYS, 31 MINUTES.

CLIMATE IS TEMPERATE AND DRY, WITH DENSE CLOUD LAYERS ACCOUNTING FOR LACK OF SEASONAL OR DIURNAL VARIATION. TERRAIN IS GENERALLY DESERT, WITH SOME MOUNTAINOUS OUTCROPPINGS SHOWING EVIDENCE OF EROSION. NO OCEANS OR OPEN BODIES OF WATER. EXTENSIVE SEA AND RIVER BEDS SUGGEST ABUNDANT SURFACE WATER APPROXIMATELY 100,000 YEARS AGO, WITH MAJOR CLIMATIC CHANGES OCCURRING AT ABOUT THAT TIME. LOW LEVEL RADIOACTIVITY AND GENERAL SPARSITY OF INDIGENOUS LIFE POINT TO AN ATOMIC WAR, DURING WHICH MOST OF THE SURFACE WAS RENDERED UNINHABITABLE.

(2) DESCRIPTION OF LIFE-FORMS - SURVIVING ORGANISMS ARE HIGHLY EVOLVED AND UNUSUALLY ADAPTIVE TYPES; FOR EXAMPLE, MIRROR-LEAVED PHOTOSYNTHETIC PLANTS THAT REQUIRE LITTLE WATER AND A LOW CONCENTRATION OF SOIL NUTRIENTS. ANIMAL LIFE, IF ANY, WAS COMPLETELY EXTERMINATED BY THE ATOMIC HOLOCAUST, WITH THE SOLE EXCEPTION BEING A RACE OF TELEPATHIC HUMANOID (HOMO TALOSII,

SEE ATTACHED EVALUATION).

ALTHOUGH ONCE CAPABLE OF EXTENDED GALACTIC TRAVEL, THE HUMANOIDS NOW LIVE UNDERGROUND IN CAVE COMPLEXES SHIELDED AGAINST THE SURFACE RADIATION, AND RETAIN ONLY RUDIMENTARY KNOWLEDGE OF THE MACHINES BUILT BY THEIR ANCESTORS. THEIR MOST REMARKABLE ACHIEVEMENT IS A DEVICE WHICH CAN GENERATE AND MAINTAIN A PERFECT SENSORY ILLUSION THAT IS INDISTINGUISHABLE FROM REALITY. THE DEVICE CAN ALSO RECREATE AND SELECTIVELY MODIFY ANY MEMORY OR FANTASY SITUATION, AND CAN BE MONITORED BY THE TALOSIANS, WHO RETAIN SUCH THOUGHT RECORDS FROM BEINGS BROUGHT TO THEIR PLANET THOUSANDS OF YEARS AGO FROM ALL QUARTERS OF THE GALAXY. THE REMOTE DESCENDANTS OF THESE BEINGS STILL REMAIN IN AN UNDERGROUND "MENAGERIE."

(3) RECOMMENDATION - THE ILLUSION-SUSTAINING TECHNOLOGY OF THE TALOSIANS IS FAR MORE SOPHISTICATED THAN ANYTHING CURRENTLY KNOWN TO EARTH SCIENCE, AND MY OWN EXPERIENCE WITH SUCH DEVICES LEADS ME TO CONCUR WITH THE TALOSIANS' OPINION THAT THIS TECHNOLOGY COULD BECOME A DANGEROUS AND WIDESPREAD NARCOTIC IF RELEASED THROUGH NORMAL SCIENTIFIC CHANNELS. ALTHOUGH WE HAVE MANAGED TO CONTAIN THIS CONTACT WITH THE TALOSIANS, IT MAY BE IMPOSSIBLE TO PREVENT FUTURE CONTACTS FROM, EVEN UNWITTINGLY, INTRODUCING THIS POTENTIALLY DESTRUCTIVE TECHNOLOGY INTO OUR CIVILIZATION.

IT IS THEREFORE MY RECOMMENDATION THAT THE PLANET BE PLACED UNDER IMMEDIATE AND UNCONDITIONAL QUARANTINE, WITH SEVERE



PENALTIES ESTABLISHED FOR ANY CONTACT OR COMMUNICATION WITH ITS  
INHABITANTS. I CANNOT OVEREMPHASIZE THE NEED FOR SWIFT AND  
DECISIVE ACTION IF THIS DANGER IS TO BE PERMANENTLY AVERTED.

**PIKE, C.R., CAPTAIN**  
**COMMANDING OFFICER**

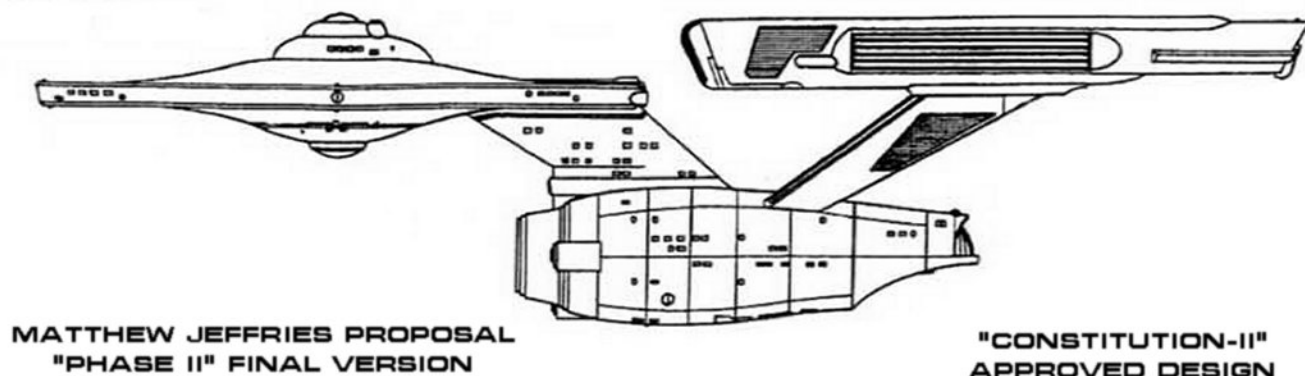
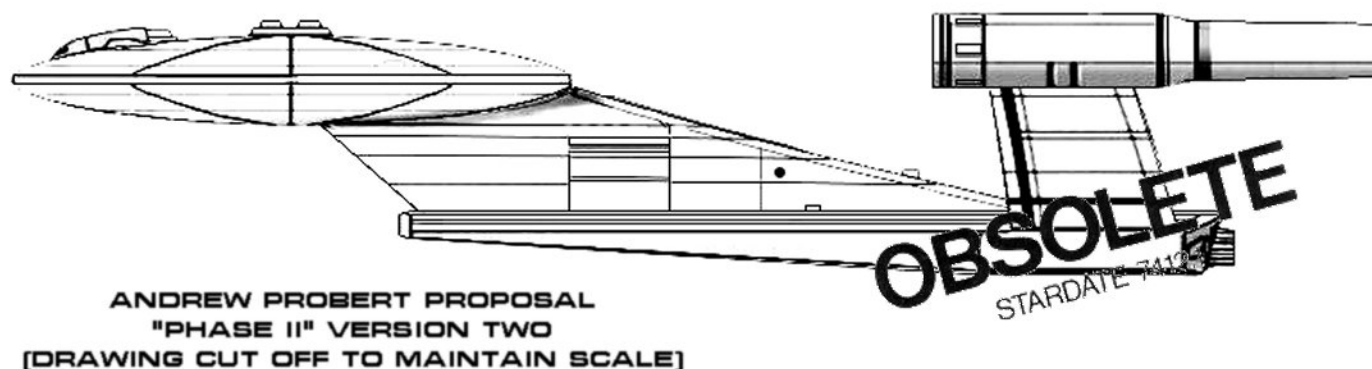
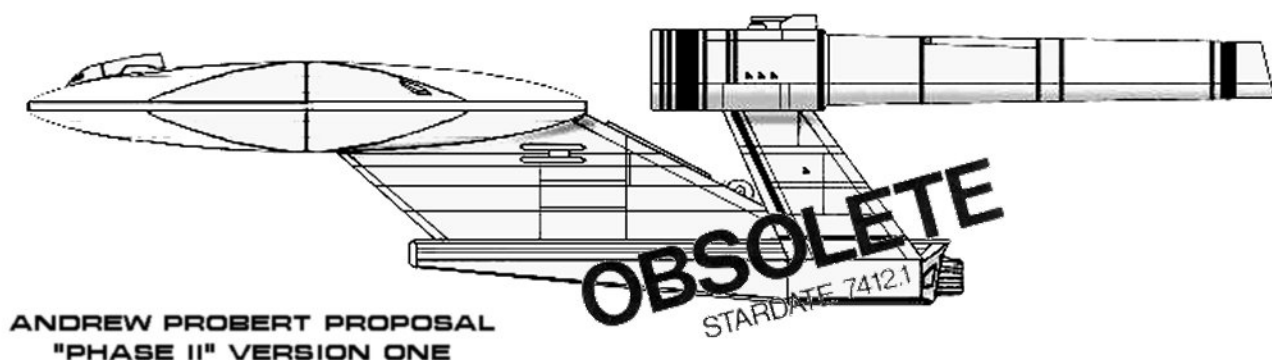
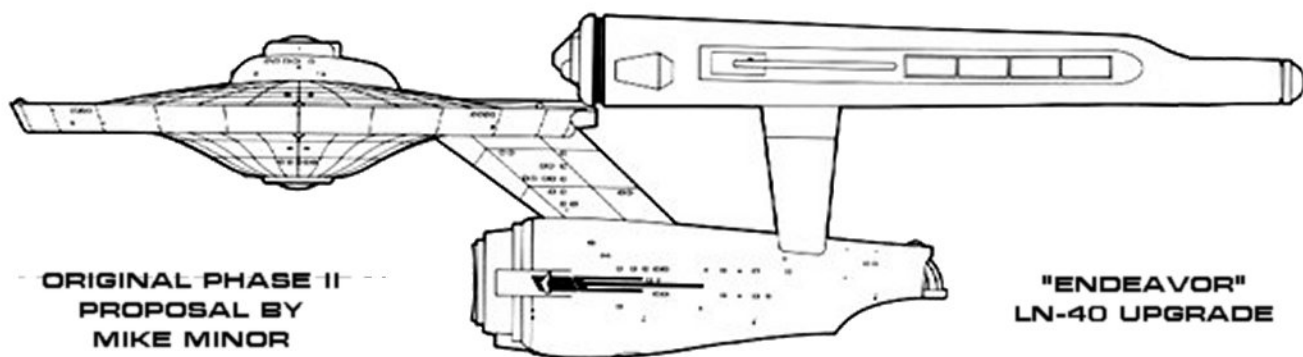
# **APPENDIX 3**



## **OTHER ADDENDA**

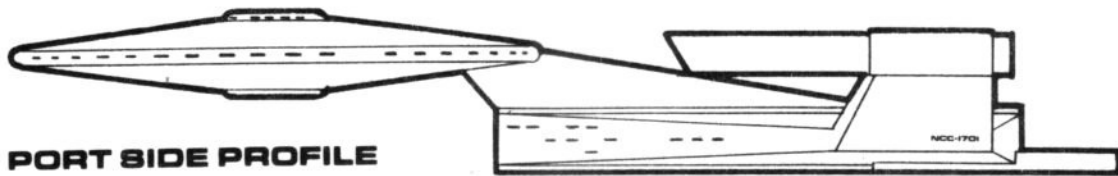
# U.S.S. ENTERPRISE

## PHASE II DESIGN EVOLUTION

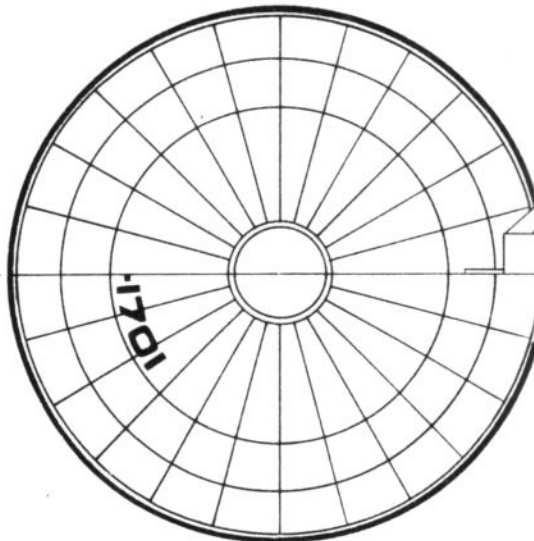


# U.S.S. ENTERPRISE

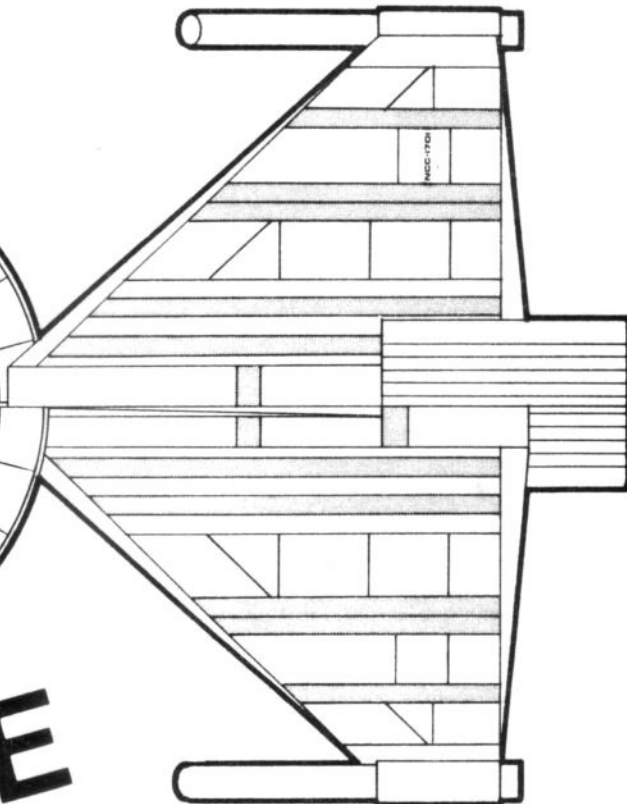
## PROPOSED REVISIONS



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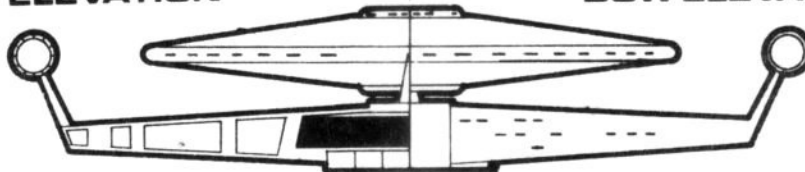
**TOP PLAN**



**OBSOLETE**

STARDATE 7412.1

**STERN ELEVATION**



**BOW ELEVATION**



**PHASE II FINAL CONFIGURATION**

**STARSHIP U.S.S. ENTERPRISE • NCC-1701**