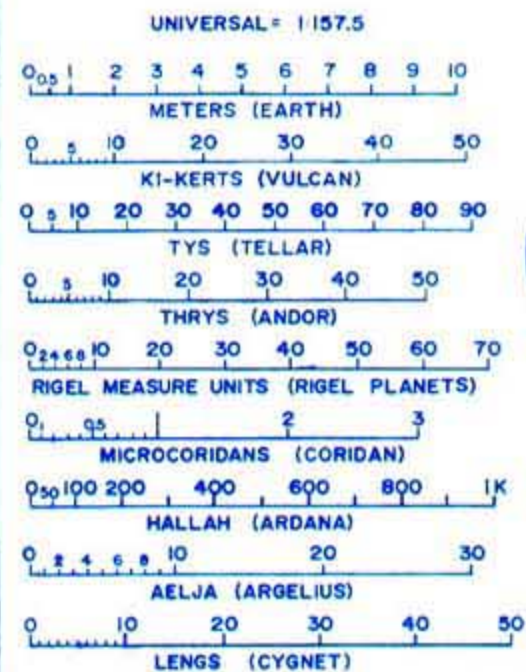


SCALES

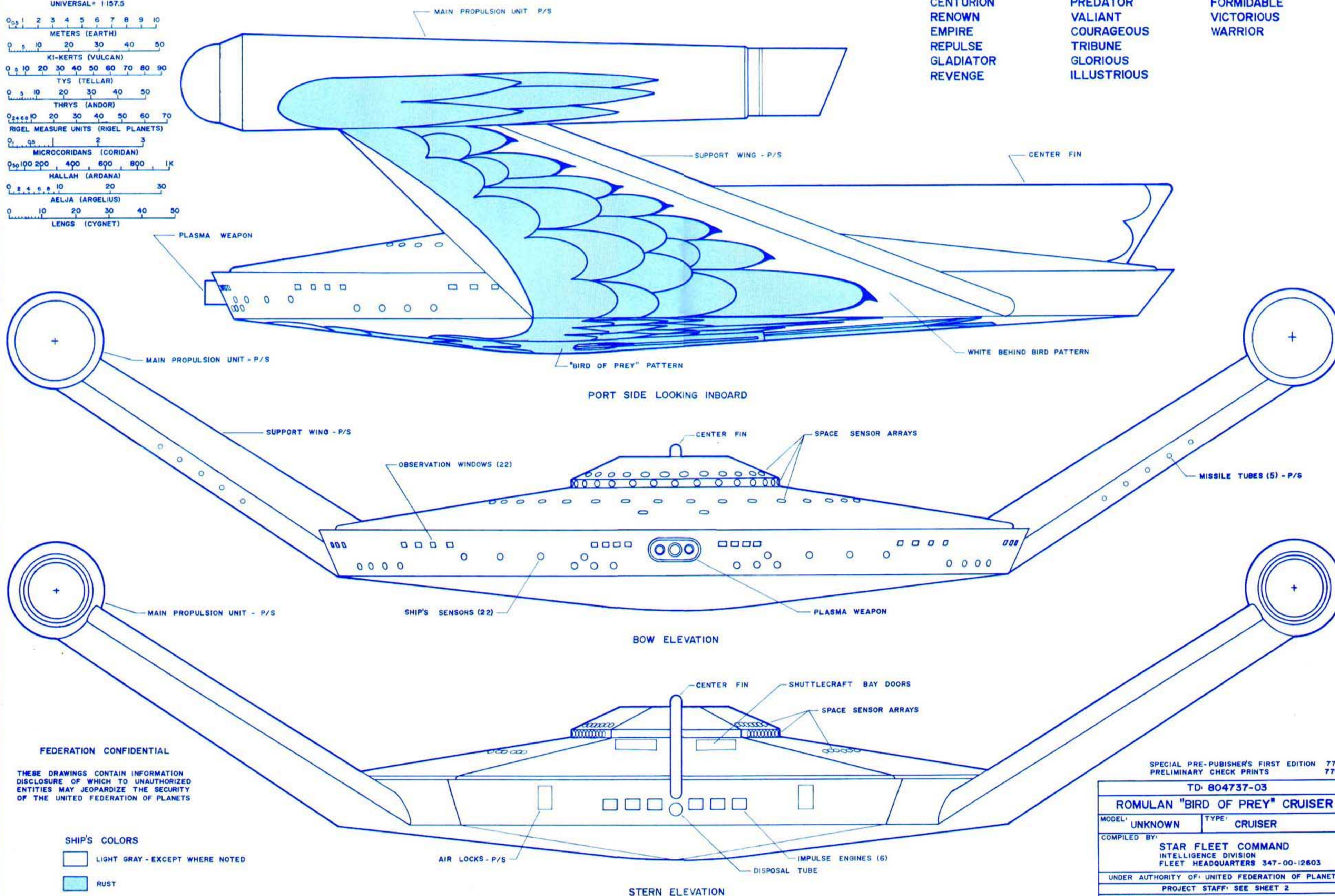


KNOWN CRUISERS

CENTURION
RENOWN
EMPIRE
REPULSE
GLADIATOR
REVENGE

PREDATOR
VALIANT
COURAGEOUS
TRIBUNE
GLORIOUS
ILLUSTRIOUS

FORMIDABLE
VICTORIOUS
WARRIOR



FEDERATION CONFIDENTIAL

THESE DRAWINGS CONTAIN INFORMATION DISCLOSURE OF WHICH TO UNAUTHORIZED ENTITIES MAY JEOPARDIZE THE SECURITY OF THE UNITED FEDERATION OF PLANETS

SHIP'S COLORS

- LIGHT GRAY - EXCEPT WHERE NOTED
- RUST
- BLOOD

SPECIAL PRE-PUBISHER'S FIRST EDITION 7708.1
PRELIMINARY CHECK PRINTS 7707.8

TD: 804737-03

ROMULAN "BIRD OF PREY" CRUISER

MODEL: UNKNOWN TYPE: CRUISER

COMPILED BY: STAR FLEET COMMAND
INTELLIGENCE DIVISION
FLEET HEADQUARTERS 347-00-12603

UNDER AUTHORITY OF: UNITED FEDERATION OF PLANETS
PROJECT STAFF: SEE SHEET 2

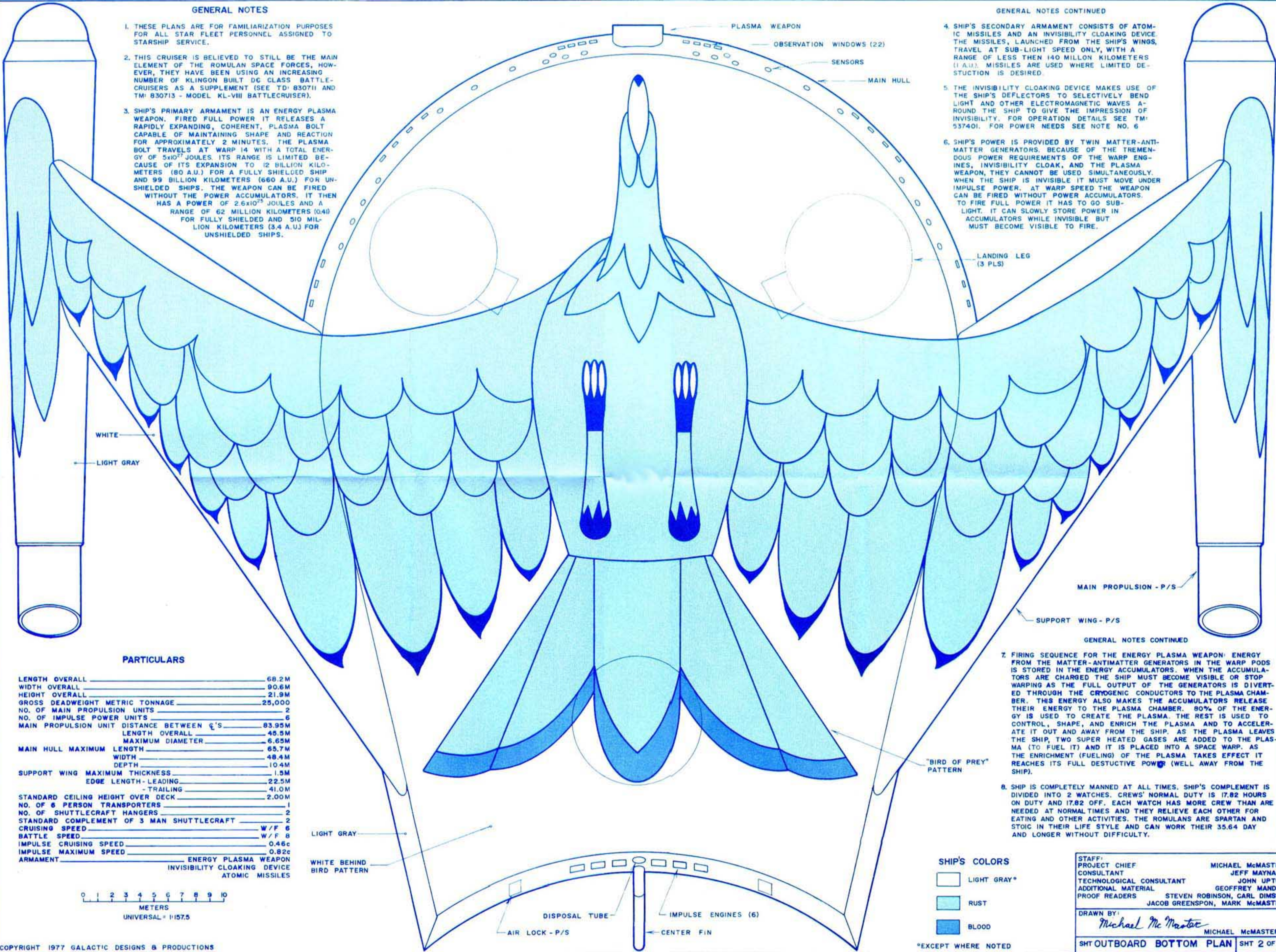
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GENERAL NOTES

1. THESE PLANS ARE FOR FAMILIARIZATION PURPOSES FOR ALL STAR FLEET PERSONNEL ASSIGNED TO STARSHIP SERVICE.
2. THIS CRUISER IS BELIEVED TO STILL BE THE MAIN ELEMENT OF THE ROMULAN SPACE FORCES, HOWEVER, THEY HAVE BEEN USING AN INCREASING NUMBER OF KLINGON BUILT DC CLASS BATTLECRUISERS AS A SUPPLEMENT (SEE TD 8307II AND TM 8307I3 - MODEL KL-VIII BATTLECRUISER).
3. SHIP'S PRIMARY ARMAMENT IS AN ENERGY PLASMA WEAPON. FIRED FULL POWER IT RELEASES A RAPIDLY EXPANDING, COHERENT, PLASMA BOLT CAPABLE OF MAINTAINING SHAPE AND REACTION FOR APPROXIMATELY 2 MINUTES. THE PLASMA BOLT TRAVELS AT WARP 14 WITH A TOTAL ENERGY OF 5×10^{27} JOULES. ITS RANGE IS LIMITED BECAUSE OF ITS EXPANSION TO 12 BILLION KILOMETERS (80 A.U.) FOR A FULLY SHIELDED SHIP AND 99 BILLION KILOMETERS (660 A.U.) FOR UNSHIELDED SHIPS. THE WEAPON CAN BE FIRED WITHOUT THE POWER ACCUMULATORS. IT THEN HAS A POWER OF 2.6×10^{25} JOULES AND A RANGE OF 62 MILLION KILOMETERS (0.41) FOR FULLY SHIELDED AND 510 MILLION KILOMETERS (3.4 A.U.) FOR UNSHIELDED SHIPS.

GENERAL NOTES CONTINUED

4. SHIP'S SECONDARY ARMAMENT CONSISTS OF ATOMIC MISSILES AND AN INVISIBILITY CLOAKING DEVICE. THE MISSILES, LAUNCHED FROM THE SHIP'S WINGS, TRAVEL AT SUB-LIGHT SPEED ONLY, WITH A RANGE OF LESS THAN 140 MILLION KILOMETERS (1 A.U.). MISSILES ARE USED WHERE LIMITED DESTRUCTION IS DESIRED.
5. THE INVISIBILITY CLOAKING DEVICE MAKES USE OF THE SHIP'S DEFLECTORS TO SELECTIVELY BEND LIGHT AND OTHER ELECTROMAGNETIC WAVES AROUND THE SHIP TO GIVE THE IMPRESSION OF INVISIBILITY. FOR OPERATION DETAILS SEE TM 53740I. FOR POWER NEEDS SEE NOTE NO. 6
6. SHIP'S POWER IS PROVIDED BY TWIN MATTER-ANTI-MATTER GENERATORS. BECAUSE OF THE TREMENDOUS POWER REQUIREMENTS OF THE WARP ENGINES, INVISIBILITY CLOAK, AND THE PLASMA WEAPON, THEY CANNOT BE USED SIMULTANEOUSLY. WHEN THE SHIP IS INVISIBLE IT MUST MOVE UNDER IMPULSE POWER. AT WARP SPEED THE WEAPON CAN BE FIRED WITHOUT POWER ACCUMULATORS. TO FIRE FULL POWER IT HAS TO GO SUB-LIGHT. IT CAN SLOWLY STORE POWER IN ACCUMULATORS WHILE INVISIBLE BUT MUST BECOME VISIBLE TO FIRE.



WHITE
LIGHT GRAY

PARTICULARS

LENGTH OVERALL	68.2M
WIDTH OVERALL	90.6M
HEIGHT OVERALL	21.9M
GROSS DEADWEIGHT METRIC TONNAGE	25,000
NO. OF MAIN PROPULSION UNITS	2
NO. OF IMPULSE POWER UNITS	6
MAIN PROPULSION UNIT DISTANCE BETWEEN C'S	83.95M
LENGTH OVERALL	48.5M
MAXIMUM DIAMETER	6.65M
MAIN HULL MAXIMUM LENGTH	65.7M
WIDTH	48.4M
DEPTH	10.4M
SUPPORT WING MAXIMUM THICKNESS	1.5M
EDGE LENGTH - LEADING	22.5M
- TRAILING	41.0M
STANDARD CEILING HEIGHT OVER DECK	2.00M
NO. OF 6 PERSON TRANSPORTERS	1
NO. OF SHUTTLECRAFT HANGERS	2
STANDARD COMPLEMENT OF 3 MAN SHUTTLECRAFT	2
CRUISING SPEED	W/F 6
BATTLE SPEED	W/F 8
IMPULSE CRUISING SPEED	0.46c
IMPULSE MAXIMUM SPEED	0.82c
ARMAMENT	ENERGY PLASMA WEAPON INVISIBILITY CLOAKING DEVICE ATOMIC MISSILES



LIGHT GRAY
WHITE BEHIND BIRD PATTERN

"BIRD OF PREY" PATTERN

SHIP'S COLORS
LIGHT GRAY*
RUST
BLOOD

*EXCEPT WHERE NOTED

GENERAL NOTES CONTINUED

7. FIRING SEQUENCE FOR THE ENERGY PLASMA WEAPON: ENERGY FROM THE MATTER-ANTIMATTER GENERATORS IN THE WARP PODS IS STORED IN THE ENERGY ACCUMULATORS. WHEN THE ACCUMULATORS ARE CHARGED THE SHIP MUST BECOME VISIBLE OR STOP WARPING AS THE FULL OUTPUT OF THE GENERATORS IS DIVERTED THROUGH THE CRYOGENIC CONDUCTORS TO THE PLASMA CHAMBER. THIS ENERGY ALSO MAKES THE ACCUMULATORS RELEASE THEIR ENERGY TO THE PLASMA CHAMBER. 80% OF THE ENERGY IS USED TO CREATE THE PLASMA. THE REST IS USED TO CONTROL, SHAPE, AND ENRICH THE PLASMA AND TO ACCELERATE IT OUT AND AWAY FROM THE SHIP. AS THE PLASMA LEAVES THE SHIP, TWO SUPER HEATED GASES ARE ADDED TO THE PLASMA (TO FUEL IT) AND IT IS PLACED INTO A SPACE WARP. AS THE ENRICHMENT (FUELING) OF THE PLASMA TAKES EFFECT IT REACHES ITS FULL DESTRUCTIVE POWER (WELL AWAY FROM THE SHIP).
8. SHIP IS COMPLETELY MANNED AT ALL TIMES. SHIP'S COMPLEMENT IS DIVIDED INTO 2 WATCHES. CREWS' NORMAL DUTY IS 17.82 HOURS ON DUTY AND 17.82 OFF. EACH WATCH HAS MORE CREW THAN ARE NEEDED AT NORMAL TIMES AND THEY RELIEVE EACH OTHER FOR EATING AND OTHER ACTIVITIES. THE ROMULANS ARE SPARTAN AND STOIC IN THEIR LIFE STYLE AND CAN WORK THEIR 35.64 DAY AND LONGER WITHOUT DIFFICULTY.

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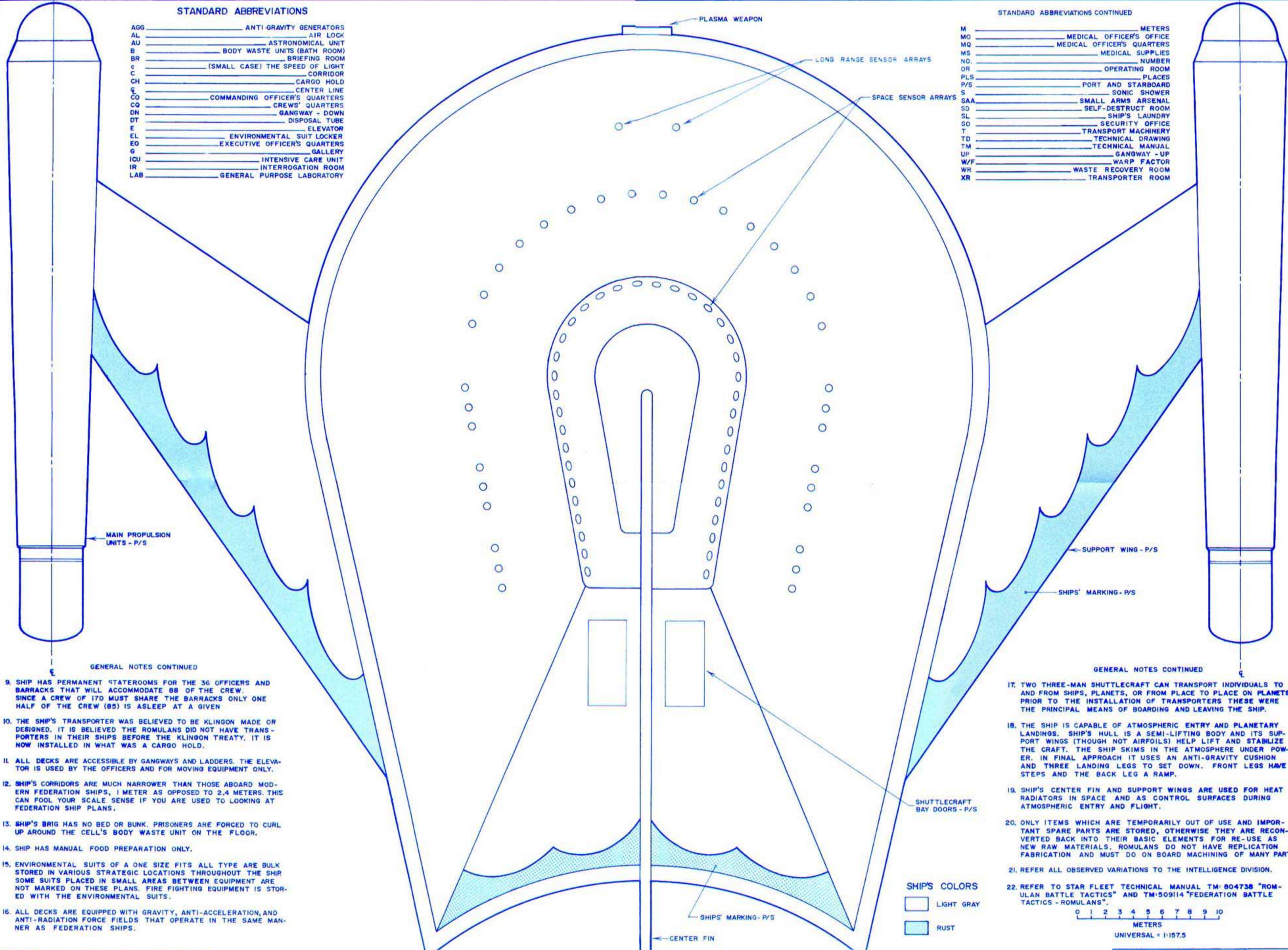
SHT OUTBOARD BOTTOM PLAN SHT 2 OF 5

STANDARD ABBREVIATIONS

AGG	ANTI GRAVITY GENERATORS
AL	AIR LOCK
AU	ASTRONOMICAL UNIT
B	BODY WASTE UNITS (BATH ROOM)
BR	BRIEFING ROOM
c	(SMALL CASE) THE SPEED OF LIGHT
C	CORRIDOR
CH	CARGO HOLD
CL	CENTER LINE
CO	COMMANDING OFFICER'S QUARTERS
CQ	CREW'S QUARTERS
DN	GANGWAY - DOWN
DT	DISPOSAL TUBE
E	ELEVATOR
EL	ENVIRONMENTAL SUIT LOCKER
EO	EXECUTIVE OFFICER'S QUARTERS
G	GALLERY
ICU	INTENSIVE CARE UNIT
IR	INTERROGATION ROOM
LAB	GENERAL PURPOSE LABORATORY

STANDARD ABBREVIATIONS CONTINUED

M	METERS
MO	MEDICAL OFFICER'S OFFICE
MQ	MEDICAL OFFICER'S QUARTERS
MS	MEDICAL SUPPLIES
NO.	NUMBER
OR	OPERATING ROOM
PLS	PLACES
P/S	PORT AND STARBOARD
S	SONIC SHOWER
SAA	SMALL ARMS ARSENAL
SD	SELF-DESTRUCT ROOM
SL	SHIP'S LAUNDRY
SO	SECURITY OFFICE
T	TRANSPORT MACHINERY
TD	TECHNICAL DRAWING
TM	TECHNICAL MANUAL
UP	GANGWAY - UP
W/F	WARP FACTOR
WR	WASTE RECOVERY ROOM
XR	TRANSPORTER ROOM

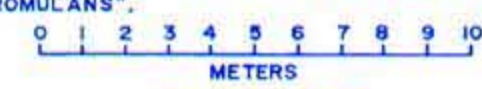


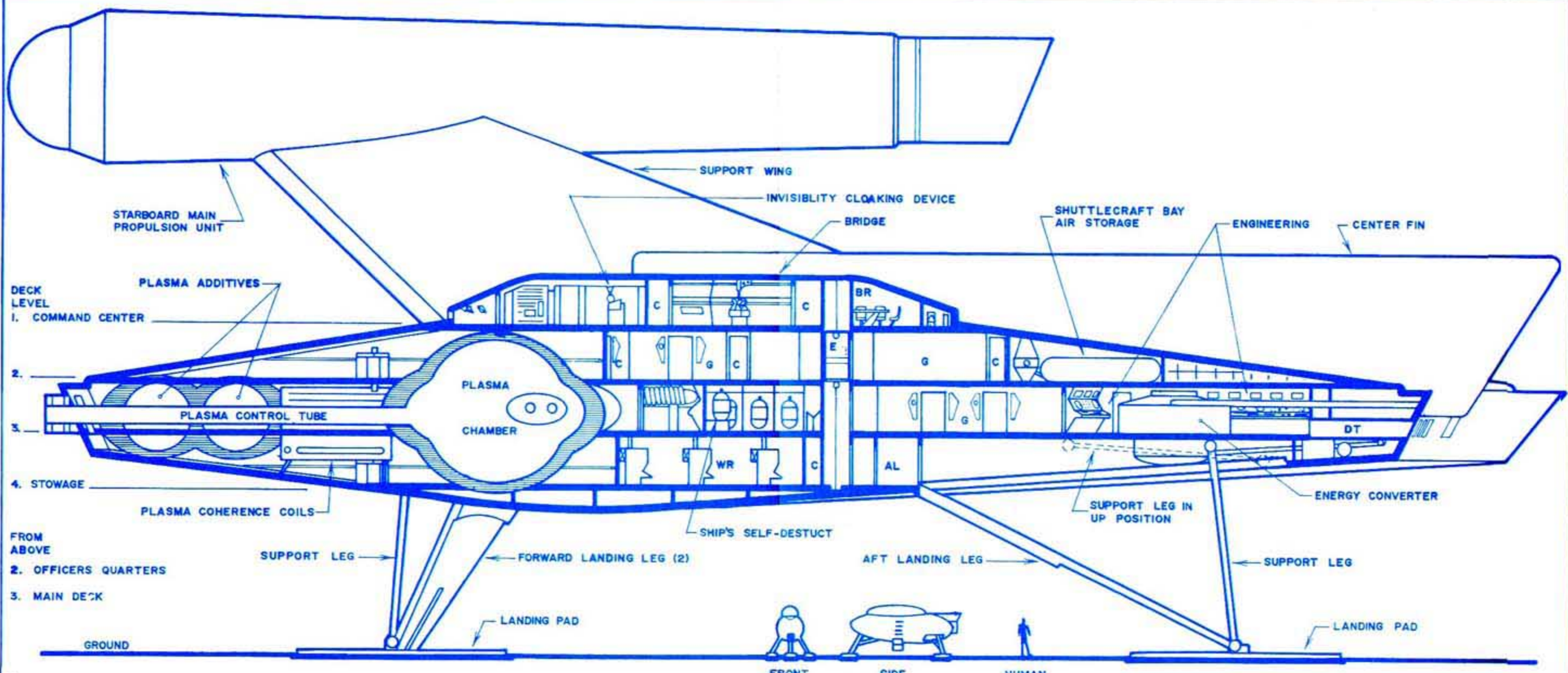
- GENERAL NOTES CONTINUED
- SHIP HAS PERMANENT STATEROOMS FOR THE 36 OFFICERS AND BARRACKS THAT WILL ACCOMMODATE 88 OF THE CREW. SINCE A CREW OF 170 MUST SHARE THE BARRACKS ONLY ONE HALF OF THE CREW (85) IS ASLEEP AT A GIVEN
 - THE SHIP'S TRANSPORTER WAS BELIEVED TO BE KLINGON MADE OR DESIGNED. IT IS BELIEVED THE ROMULANS DID NOT HAVE TRANSPORTERS IN THEIR SHIPS BEFORE THE KLINGON TREATY. IT IS NOW INSTALLED IN WHAT WAS A CARGO HOLD.
 - ALL DECKS ARE ACCESSIBLE BY GANGWAYS AND LADDERS. THE ELEVATOR IS USED BY THE OFFICERS AND FOR MOVING EQUIPMENT ONLY.
 - SHIP'S CORRIDORS ARE MUCH NARROWER THAN THOSE ABOARD MODERN FEDERATION SHIPS, 1 METER AS OPPOSED TO 2.4 METERS. THIS CAN FOOL YOUR SCALE SENSE IF YOU ARE USED TO LOOKING AT FEDERATION SHIP PLANS.
 - SHIP'S BRIG HAS NO BED OR BUNK. PRISONERS ARE FORCED TO CURL UP AROUND THE CELL'S BODY WASTE UNIT ON THE FLOOR.
 - SHIP HAS MANUAL FOOD PREPARATION ONLY.
 - ENVIRONMENTAL SUITS OF A ONE SIZE FITS ALL TYPE ARE BULK STORED IN VARIOUS STRATEGIC LOCATIONS THROUGHOUT THE SHIP. SOME SUITS PLACED IN SMALL AREAS BETWEEN EQUIPMENT ARE NOT MARKED ON THESE PLANS. FIRE FIGHTING EQUIPMENT IS STORED WITH THE ENVIRONMENTAL SUITS.
 - ALL DECKS ARE EQUIPPED WITH GRAVITY, ANTI-ACCELERATION, AND ANTI-RADIATION FORCE FIELDS THAT OPERATE IN THE SAME MANNER AS FEDERATION SHIPS.

- GENERAL NOTES CONTINUED
- TWO THREE-MAN SHUTTLECRAFT CAN TRANSPORT INDIVIDUALS TO AND FROM SHIPS, PLANETS, OR FROM PLACE TO PLACE ON PLANETS. PRIOR TO THE INSTALLATION OF TRANSPORTERS THESE WERE THE PRINCIPAL MEANS OF BOARDING AND LEAVING THE SHIP.
 - THE SHIP IS CAPABLE OF ATMOSPHERIC ENTRY AND PLANETARY LANDINGS. SHIP'S HULL IS A SEMI-LIFTING BODY AND ITS SUPPORT WINGS (THOUGH NOT AIRFOILS) HELP LIFT AND STABILIZE THE CRAFT. THE SHIP SKIMS IN THE ATMOSPHERE UNDER POWER. IN FINAL APPROACH IT USES AN ANTI-GRAVITY CUSHION AND THREE LANDING LEGS TO SET DOWN. FRONT LEGS HAVE STEPS AND THE BACK LEG A RAMP.
 - SHIP'S CENTER FIN AND SUPPORT WINGS ARE USED FOR HEAT RADIATORS IN SPACE AND AS CONTROL SURFACES DURING ATMOSPHERIC ENTRY AND FLIGHT.
 - ONLY ITEMS WHICH ARE TEMPORARILY OUT OF USE AND IMPORTANT SPARE PARTS ARE STORED, OTHERWISE THEY ARE RECONVERTED BACK INTO THEIR BASIC ELEMENTS FOR RE-USE AS NEW RAW MATERIALS. ROMULANS DO NOT HAVE REPLICATION FABRICATION AND MUST DO ON BOARD MACHINING OF MANY PARTS.
 - REFER ALL OBSERVED VARIATIONS TO THE INTELLIGENCE DIVISION.
 - REFER TO STAR FLEET TECHNICAL MANUAL TM: 804738 "ROMULAN BATTLE TACTICS" AND TM:509114 "FEDERATION BATTLE TACTICS - ROMULANS".

SHIPS' COLORS

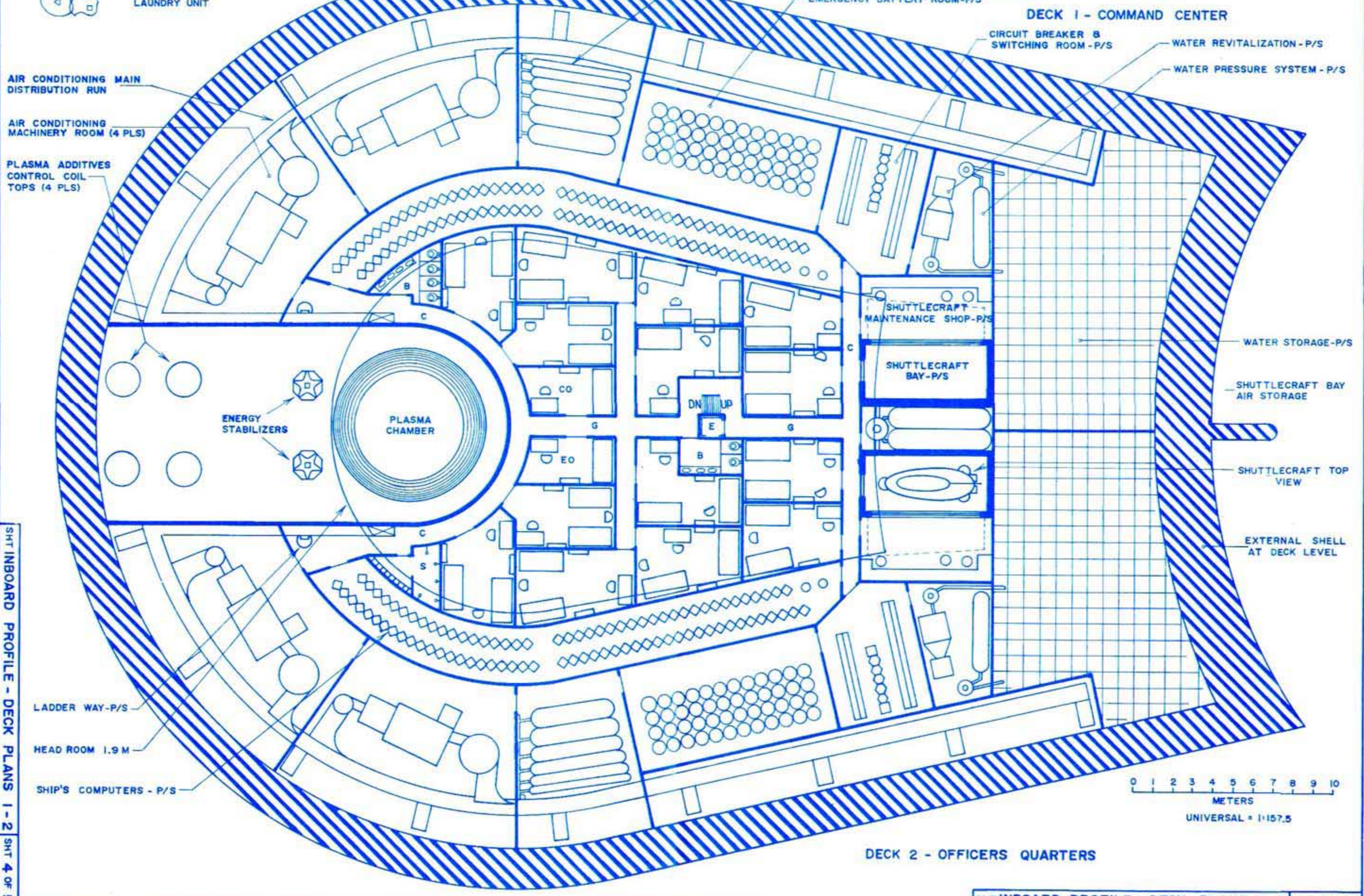
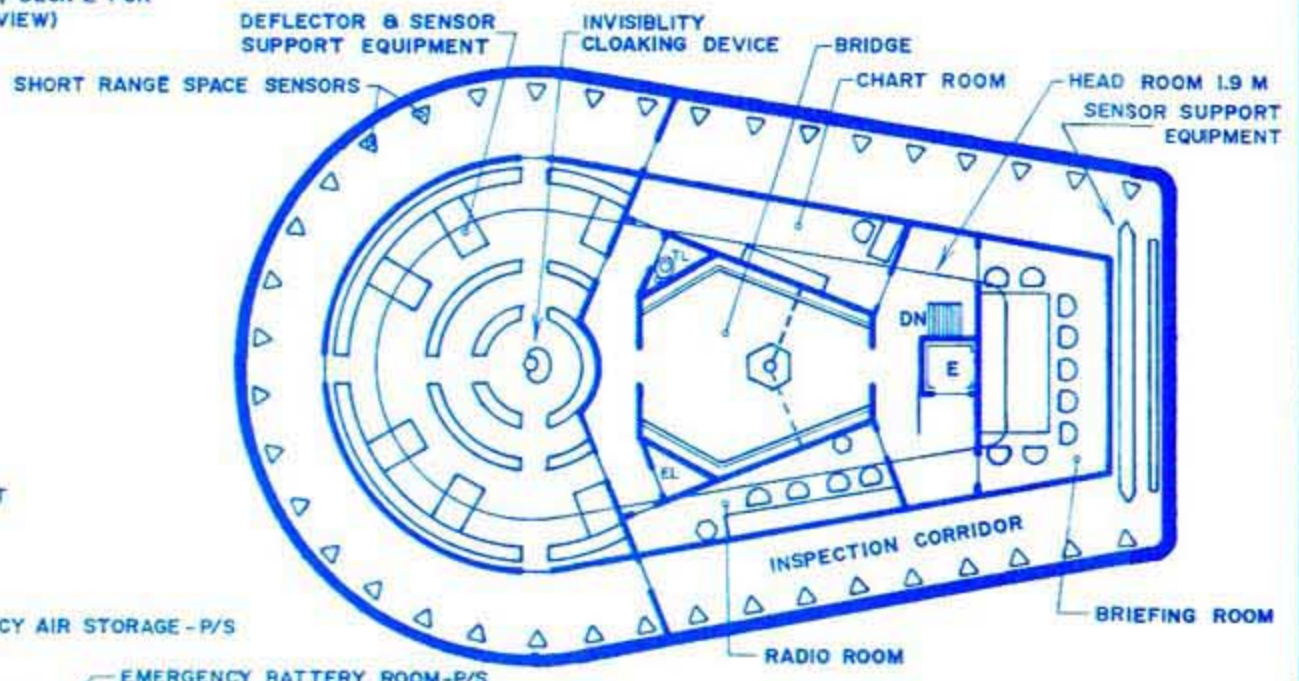
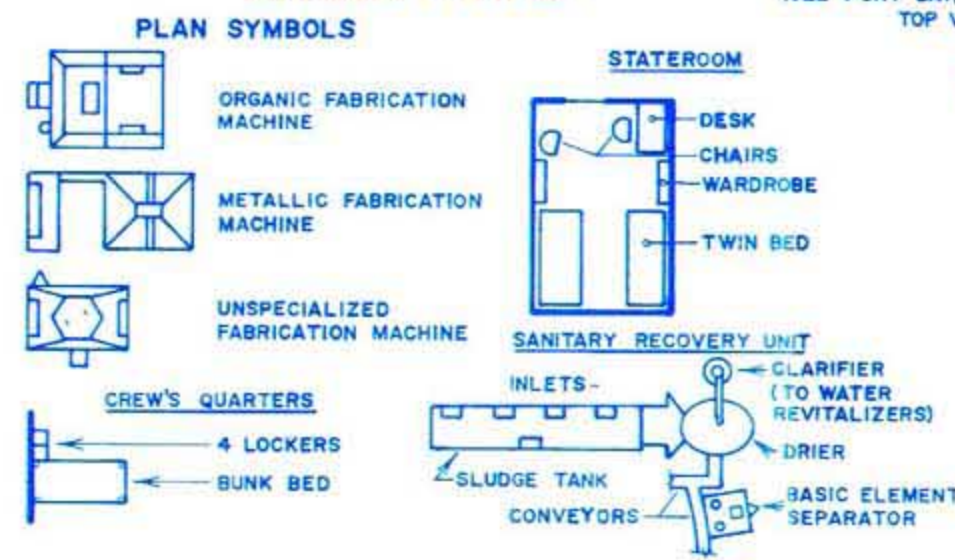
	LIGHT GRAY
	RUST



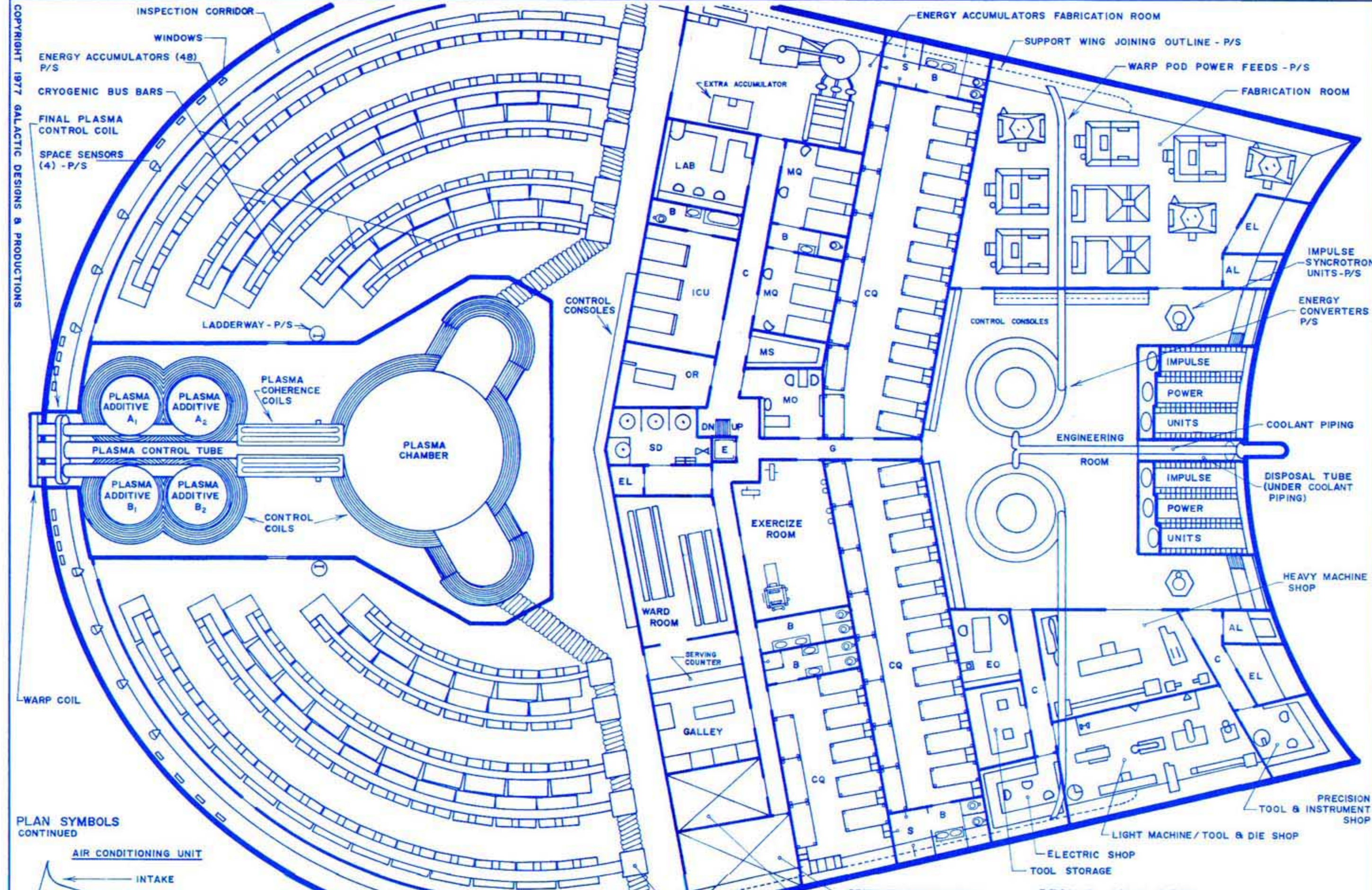


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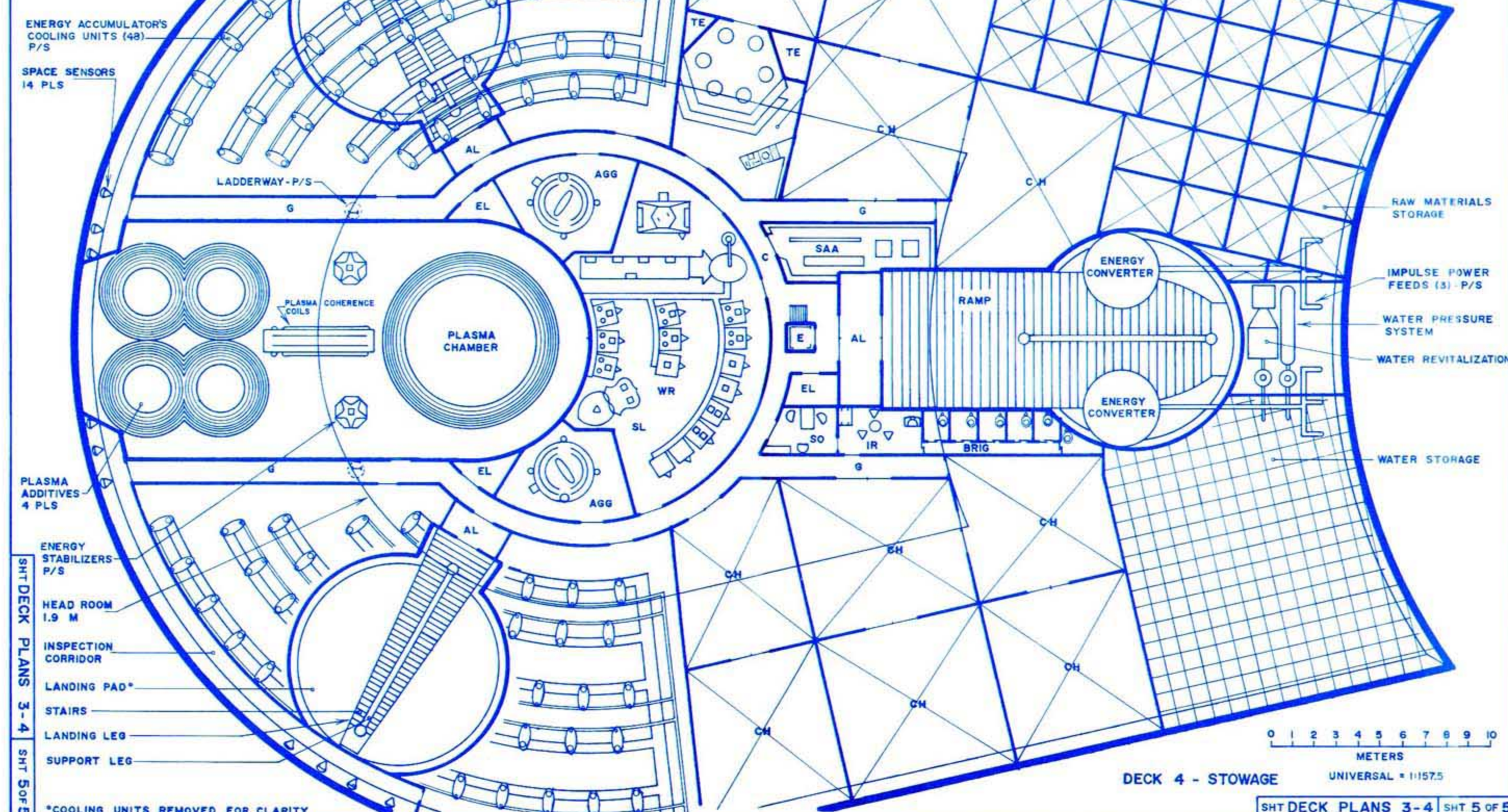
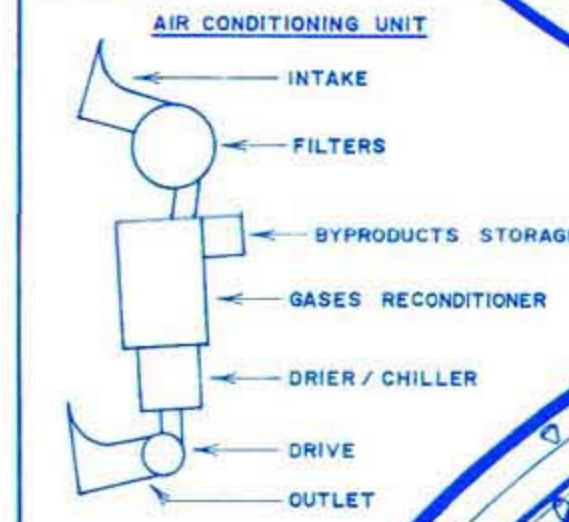
- PLAN SYMBOLS**
- TYPICAL CHAIRS
 - TYPICAL DOOR
 - TABLE & BENCHES
 - UNIVERSAL EXERCISE MACHINE
 - GANGWAY
 - INTERROGATION APPARATUS
 - LADDERWAY
 - BODY WASTE UNIT
 - ENERGY ACCUMULATOR
 - LAUNDRY UNIT



SHT INBOARD PROFILE - DECK PLANS 1-2 SHT 4 OF 5



PLAN SYMBOLS CONTINUED



SHT DECK PLANS 3-4 SHT 5 OF 5

*COOLING UNITS REMOVED FOR CLARITY

