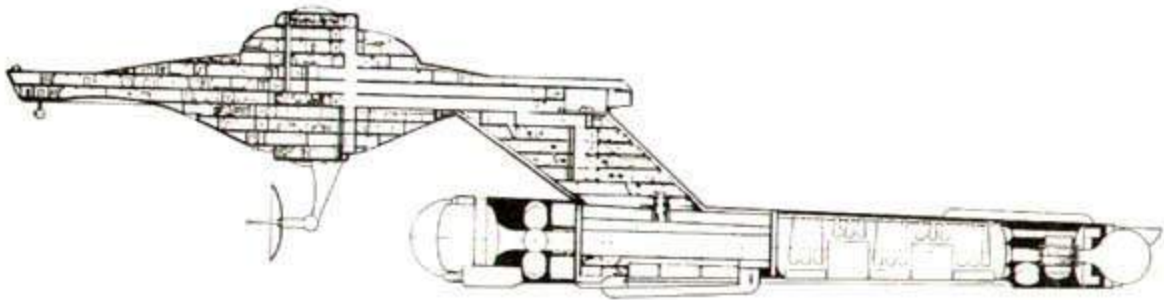


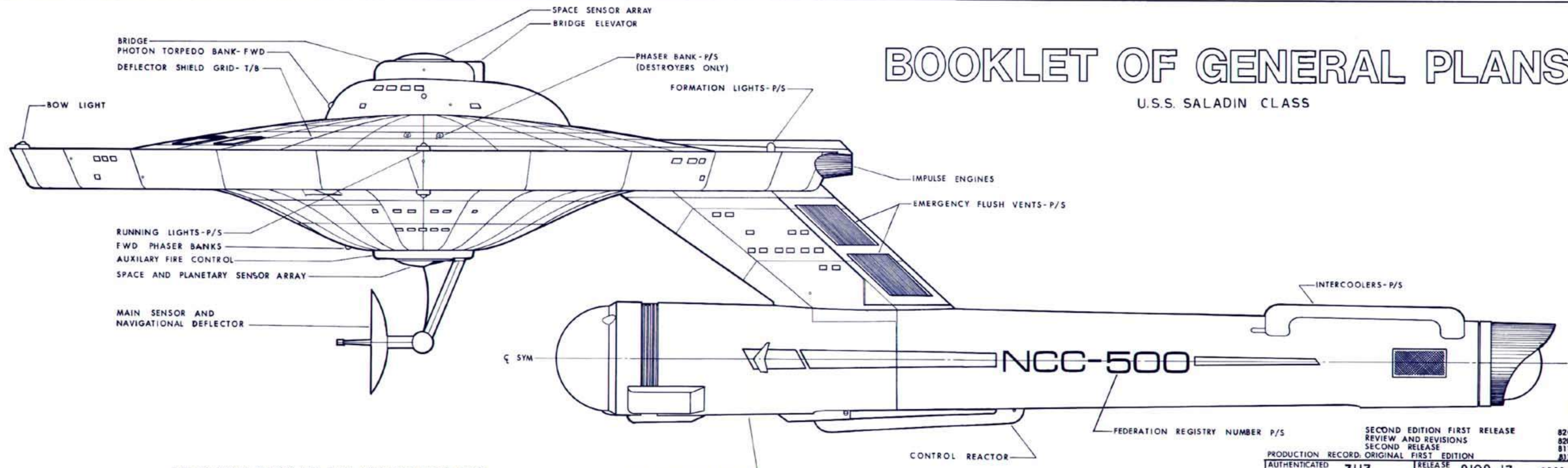
USS SALADIN CLASS DESTROYER/SCOUT BLUEPRINTS

9 sheets



BOOKLET OF GENERAL PLANS

U.S.S. SALADIN CLASS



THE FOLLOWING SHIPS OF THIS CLASS WERE CONSTRUCTED UNDER AUTHORIZATION OF THE ORIGINAL ARTICLES OF FEDERATION OF THE UNITED FEDERATION OF PLANETS.

ADAD _____	NCC - 515	HAMILCAR _____	NCC-518	SHAITAN _____	NCC-519
AHRIMAN _____	NCC - 513	HANNIBAL _____	NCC-512	SALADIN _____	NCC-500*
ALARIC _____	NCC - 511	HASHISHIYUN _____	NCC-516	SARGON _____	NCC-504
ALEXANDER _____	NCC - 503	JENGHIZ _____	NCC-501	SULEIMAN _____	NCC-508
AZRAEL _____	NCC - 517	KUBLAI _____	NCC-507	TAMERLANE _____	NCC-510
DARIUS _____	NCC - 502	POMPEY _____	NCC-506	XERXES _____	NCC-505
ETZEL _____	NCC - 509	RAHMAN _____	NCC-514		

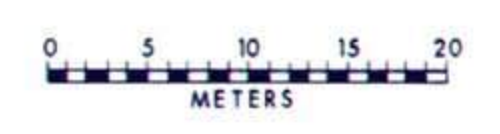
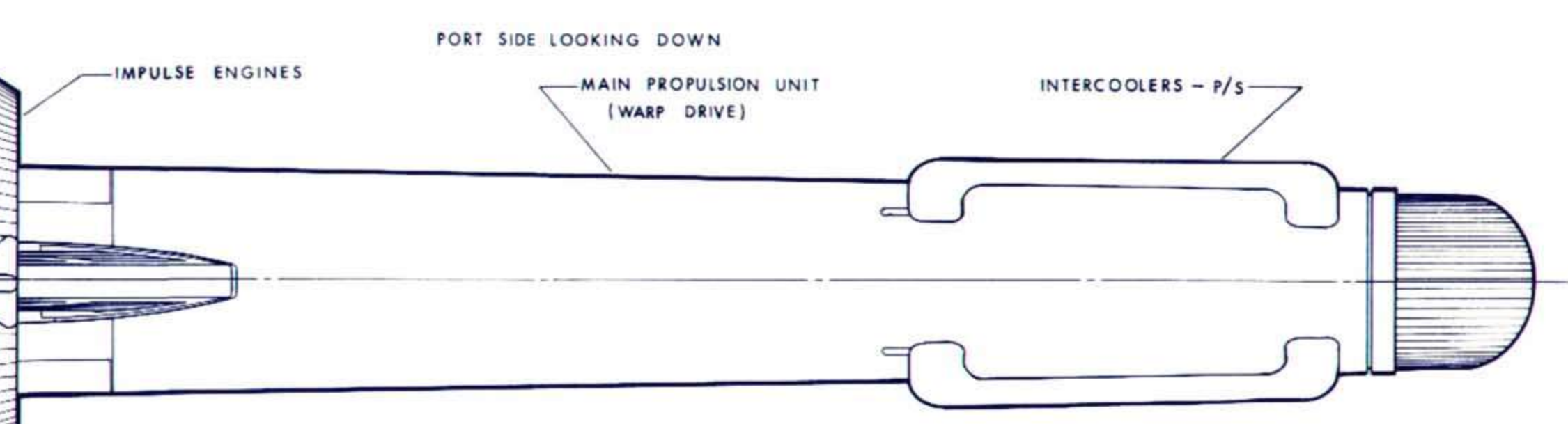
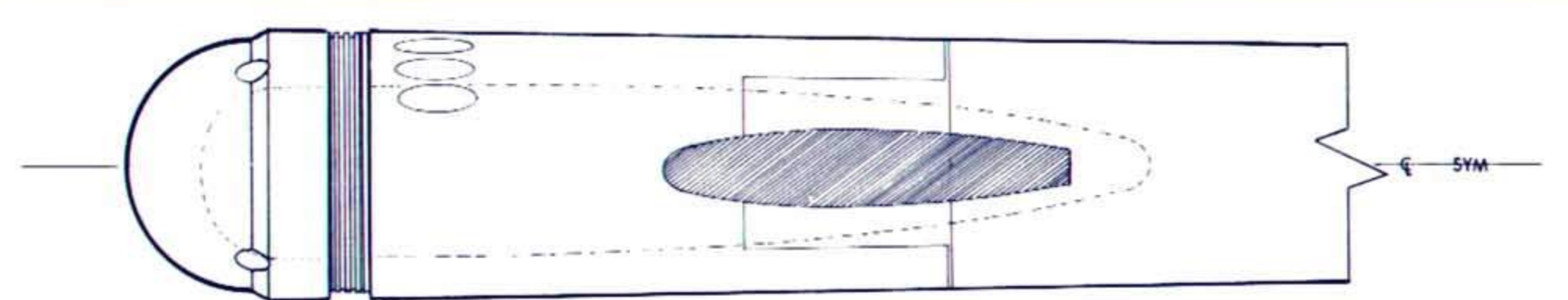
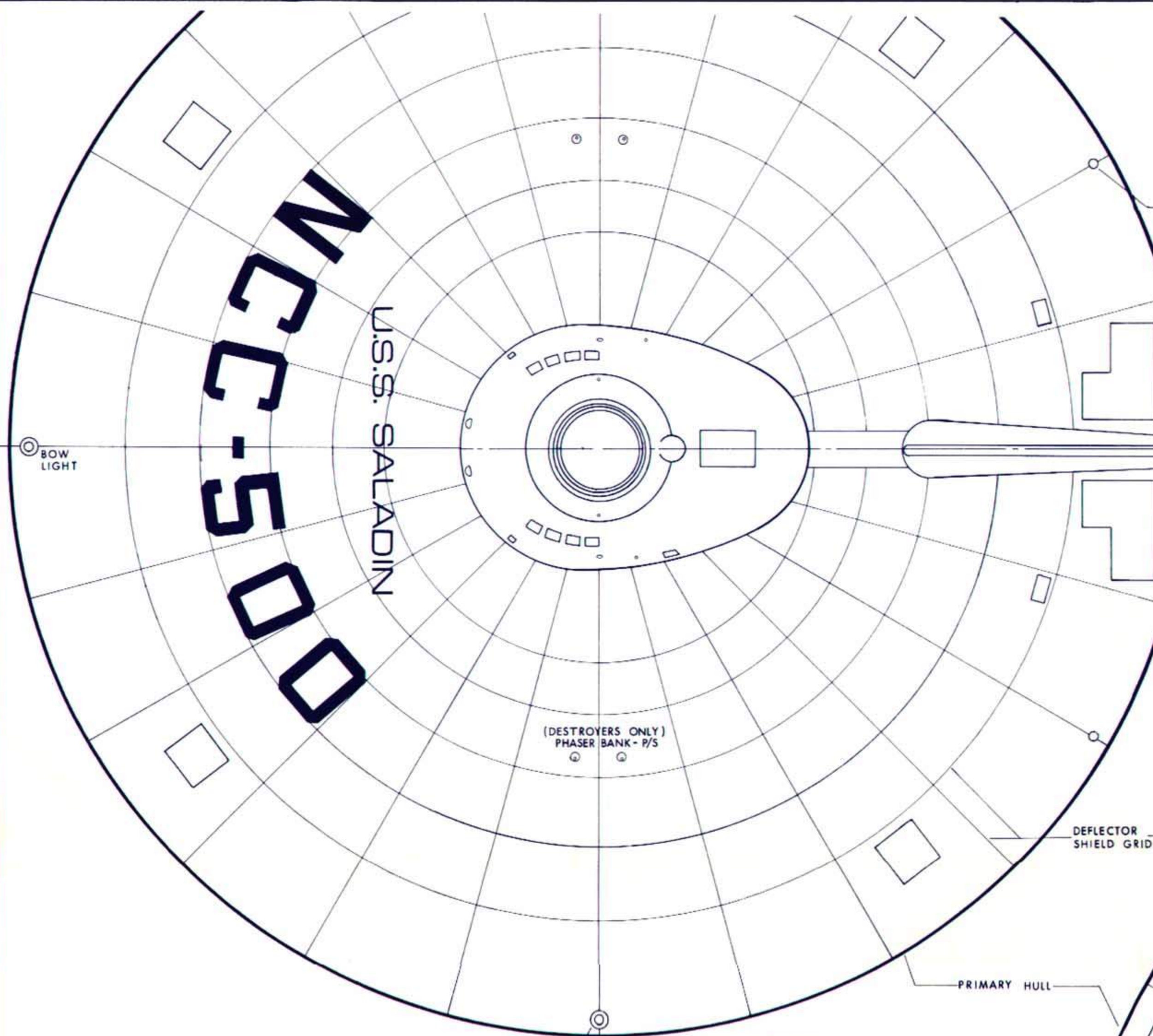
* CLASS SHIP

FEDERATION CLASSIFIED
 THESE BOOKLETS OF GENERAL PLANS ARE FOR THE SPECIFIC USE OF ACADEMY CADETS TO FAMILIARIZE THEMSELVES WITH THE GENERAL ARRANGEMENT OF STARSHIPS. UNDER THE LAWS OF THE UNITED FEDERATION OF PLANETS, AND ITS MEMBER PLANETS, UNAUTHORIZED USE, OR REPRODUCTION IN WHOLE OR IN PART, WITHOUT THE WRITTEN PERMISSION OF STARFLEET OR ITS PLANETARY AGENTS IS PROHIBITED.

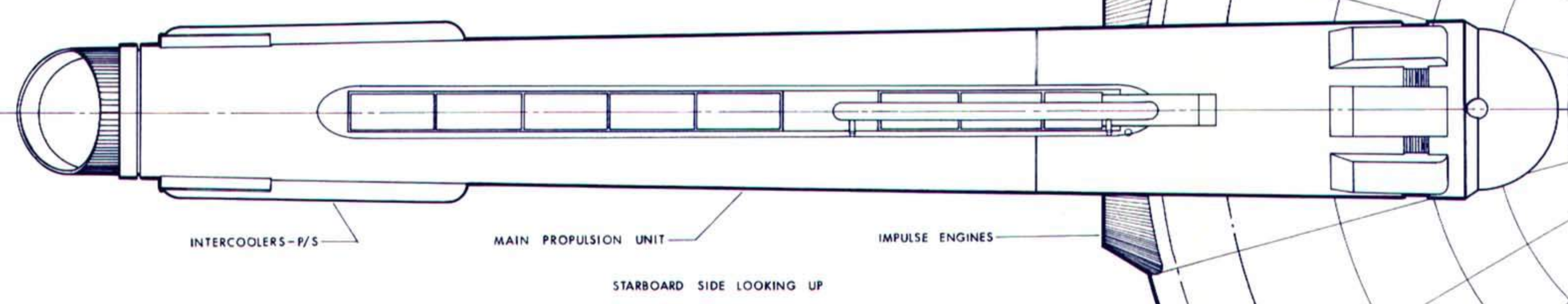
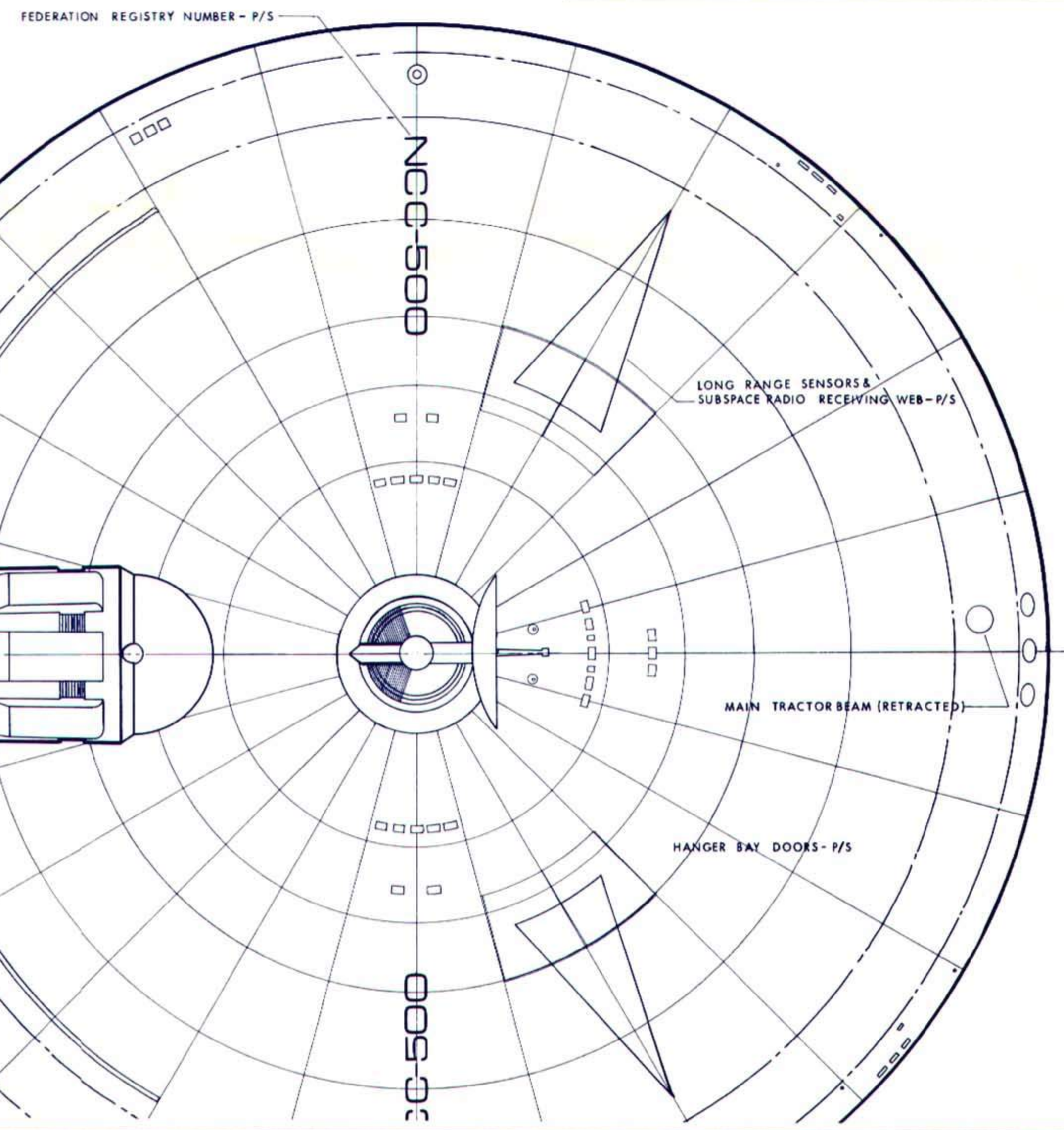


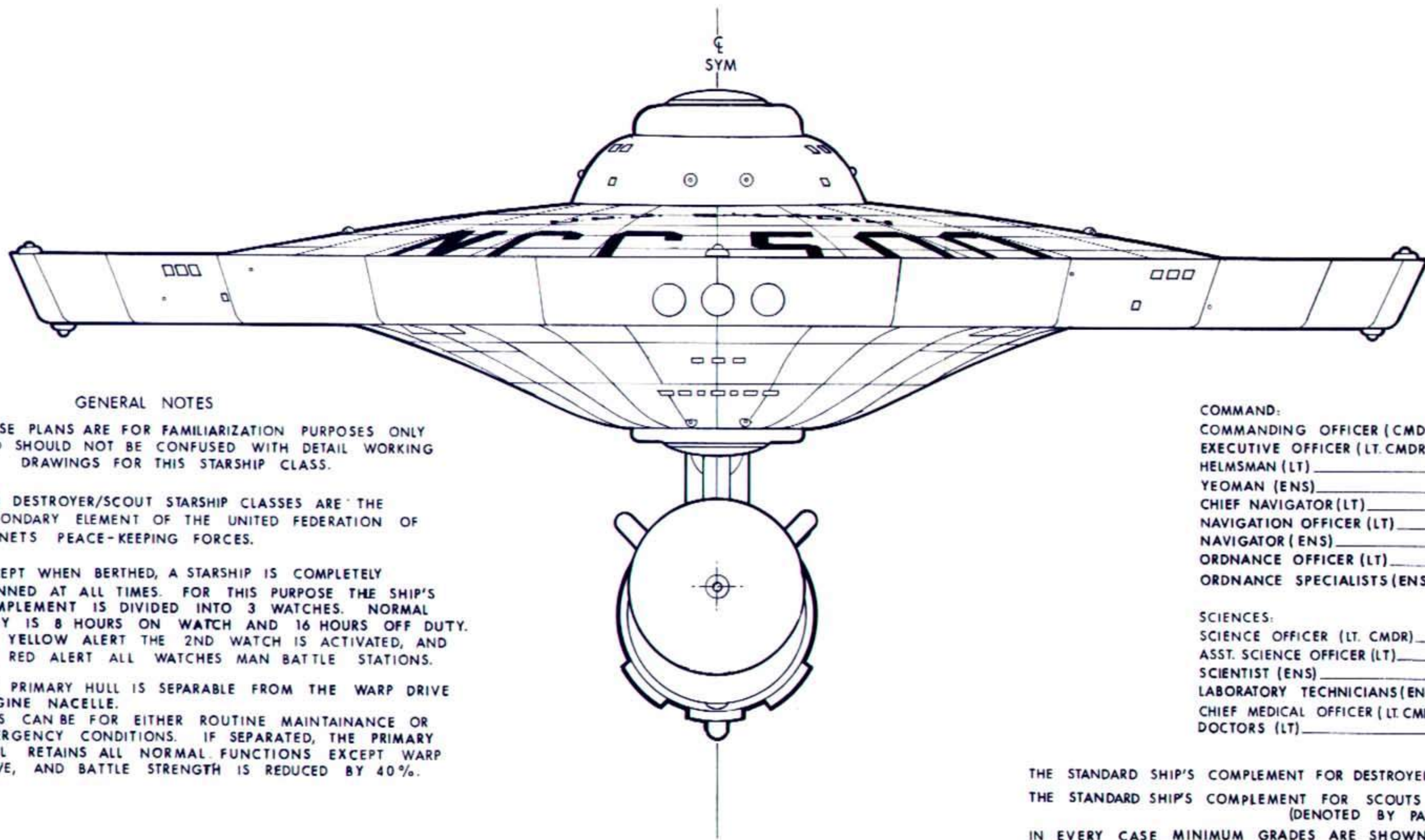
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AUTHENTICATED STARDATE: 3113		RELEASE DATE: 8108.17		8203.15
MODEL: MK-VIII		TYPE: DESTROYER/SCOUT		STARSHIP CLASS: I
CONSTRUCTED BY: STARFLEET DIVISION SAN FRANCISCO YARDS UNITED NATIONS - EARTH - SOLAR SYSTEM				
ALL DIMENSIONS IN METRIC SYSTEM OF UNITED NATIONS - EARTH				
DRAWN BY: T200H L. ALLEN EVERHART, JR.		APP'D: B. RODGERS JEFFREY		A/COD
PRODUCED BY: STARCRAFT PRODUCTIONS P.O. BOX 3829 ORLANDO, FLA. 32802				
SHT OUTBOARD PROFILE				SHT 1 OF 9



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 SHT OUTBOARD TOP & BOTTOM PLAN SHT 2 OF 9





GENERAL NOTES

1. THESE PLANS ARE FOR FAMILIARIZATION PURPOSES ONLY AND SHOULD NOT BE CONFUSED WITH DETAIL WORKING DRAWINGS FOR THIS STARSHIP CLASS.
2. THE DESTROYER/SCOUT STARSHIP CLASSES ARE THE SECONDARY ELEMENT OF THE UNITED FEDERATION OF PLANETS PEACE-KEEPING FORCES.
3. EXCEPT WHEN BERTHED, A STARSHIP IS COMPLETELY MANNED AT ALL TIMES. FOR THIS PURPOSE THE SHIP'S COMPLEMENT IS DIVIDED INTO 3 WATCHES. NORMAL DUTY IS 8 HOURS ON WATCH AND 16 HOURS OFF DUTY. ON YELLOW ALERT THE 2ND WATCH IS ACTIVATED, AND ON RED ALERT ALL WATCHES MAN BATTLE STATIONS.
4. THE PRIMARY HULL IS SEPARABLE FROM THE WARP DRIVE ENGINE NACELLE. THIS CAN BE FOR EITHER ROUTINE MAINTAINANCE OR EMERGENCY CONDITIONS. IF SEPARATED, THE PRIMARY HULL RETAINS ALL NORMAL FUNCTIONS EXCEPT WARP DRIVE, AND BATTLE STRENGTH IS REDUCED BY 40%.

SHIP'S COMPLEMENT

COMMAND:

COMMANDING OFFICER (CMDR)	_____	1
EXECUTIVE OFFICER (LT. CMDR)	_____	1
HELMSMAN (LT)	_____	3
YEOMAN (ENS)	_____	2
CHIEF NAVIGATOR (LT)	_____	1
NAVIGATION OFFICER (LT)	_____	1
NAVIGATOR (ENS)	_____	3
ORDNANCE OFFICER (LT)	_____	1
ORDNANCE SPECIALISTS (ENS)	_____	15 (12)
		TOTAL 28 (25)

SCIENCES:

SCIENCE OFFICER (LT. CMDR)	_____	1
ASST. SCIENCE OFFICER (LT)	_____	1
SCIENTIST (ENS)	_____	2
LABORATORY TECHNICIANS (ENS)	_____	35
CHIEF MEDICAL OFFICER (LT. CMDR)	_____	1
DOCTORS (LT)	_____	2

SCIENCES CON'T:

HEAD NURSE (LT)	_____	1
NURSE (ENS)	_____	10
MEDICAL TECHNICIANS (ENS)	_____	15
		TOTAL 68

ENGINEERING/OTHER:

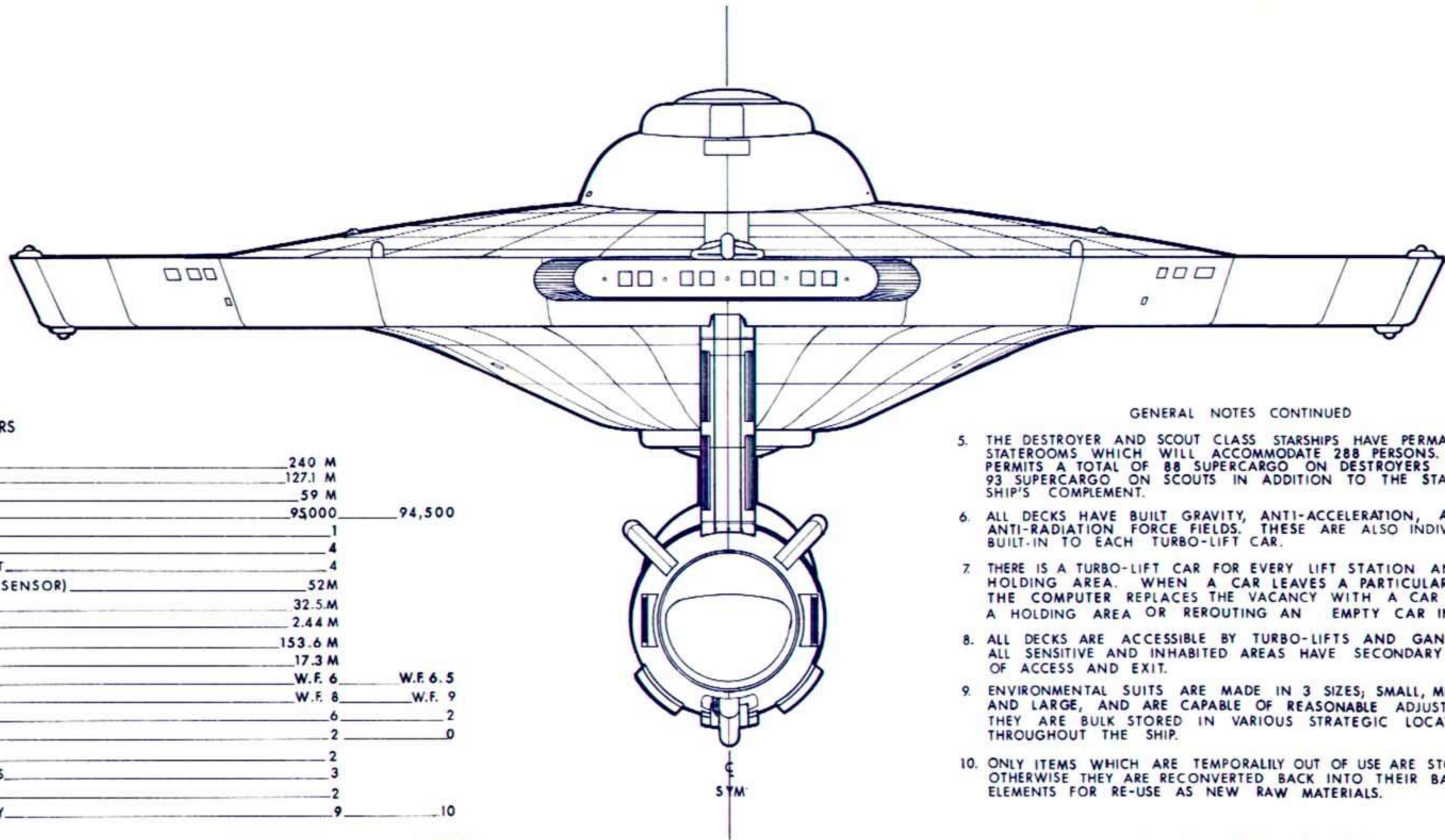
CHIEF ENGINEER (LT. CMDR)	_____	1
ASST. CHIEF ENGINEER (LT)	_____	1
ENGINEERING OFFICER (LT)	_____	1
ENGINEERING SPECIALISTS (ENS)	_____	45
TRANSPORTER SPECIALISTS (ENS)	_____	14
CHIEF OF COMMUNICATION (LT)	_____	1
COMMUNICATIONS OFFICER (LT)	_____	1
COMMUNICATIONS SPECIALISTS (ENS)	_____	4
CHIEF OF SECURITY (LT)	_____	1
SECURITY SPECIALISTS	_____	35 (33)
		TOTAL 104 (102)

THE STANDARD SHIP'S COMPLEMENT FOR DESTROYERS IS 20 OFFICERS AND 180 CREW MEMBERS TOTAL 200

THE STANDARD SHIP'S COMPLEMENT FOR SCOUTS IS 20 OFFICERS AND 175 CREW MEMBERS TOTAL 195
(DENOTED BY PARENTHESIS)

IN EVERY CASE MINIMUM GRADES ARE SHOWN FOR EACH BILLET. INDIVIDUAL SHIPS MAY VARY BY REASON OF INDIVIDUAL MODIFICATION.





PARTICULARS

LENGTH OVERALL	240 M	
WIDTH OVERALL	127.1 M	
HEIGHT OVERALL	59 M	
GROSS DEADWEIGHT METRIC TONNAGE	95,000	94,500
NUMBER OF MAIN PROPULSION UNITS	1	
NUMBER OF DUAL IMPULSE POWER UNITS	4	
STANDARD COMPLEMENT OF 7 MAN SHUTTLECRAFT	4	
PRIMARY HULL MAXIMUM DEPTH (INCLUDING MAIN SENSOR)	52M	
PRIMARY HULL DEPTH (EXCLUDING MAIN SENSOR)	32.5M	
STANDARD OVERHEAD HEIGHT	2.44 M	
MAIN PROPULSION UNIT LENGTH OVERALL	153.6 M	
MAIN PROPULSION UNIT MAXIMUM DIAMETER	17.3 M	
MAXIMUM CRUISE VELOCITY	W.F. 6	W.F. 6.5
EMERGENCY VELOCITY	W.F. 8	W.F. 9
NUMBER OF TRILIESIC PHASERS	6	2
NUMBER OF PHOTON TORPEDO BANKS	2	0
NUMBER OF 6 PERSON STANDARD TRANSPORTERS	2	
NUMBER OF 22 PERSON EMERGENCY TRANSPORTERS	3	
NUMBER OF CARGO TRANSPORTERS	2	
ENDURANCE IN YEARS AT LIGHT-YEAR VELOCITY	9	10

SCOUT
(IF DIFFERENT)

GENERAL NOTES CONTINUED

5. THE DESTROYER AND SCOUT CLASS STARSHIPS HAVE PERMANENT STATEROOMS WHICH WILL ACCOMMODATE 288 PERSONS. THIS PERMITS A TOTAL OF 88 SUPERCARGO ON DESTROYERS AND 93 SUPERCARGO ON SCOUTS IN ADDITION TO THE STANDARD SHIP'S COMPLEMENT.
6. ALL DECKS HAVE BUILT GRAVITY, ANTI-ACCELERATION, AND ANTI-RADIATION FORCE FIELDS. THESE ARE ALSO INDIVIDUALLY BUILT-IN TO EACH TURBO-LIFT CAR.
7. THERE IS A TURBO-LIFT CAR FOR EVERY LIFT STATION AND HOLDING AREA. WHEN A CAR LEAVES A PARTICULAR STATION THE COMPUTER REPLACES THE VACANCY WITH A CAR FROM A HOLDING AREA OR REROUTING AN EMPTY CAR IN TRANSIT.
8. ALL DECKS ARE ACCESSIBLE BY TURBO-LIFTS AND GANGWAYS. ALL SENSITIVE AND INHABITED AREAS HAVE SECONDARY MEANS OF ACCESS AND EXIT.
9. ENVIRONMENTAL SUITS ARE MADE IN 3 SIZES; SMALL, MEDIUM, AND LARGE, AND ARE CAPABLE OF REASONABLE ADJUSTMENT. THEY ARE BULK STORED IN VARIOUS STRATEGIC LOCATIONS THROUGHOUT THE SHIP.
10. ONLY ITEMS WHICH ARE TEMPORALILY OUT OF USE ARE STORED, OTHERWISE THEY ARE RECONVERTED BACK INTO THEIR BASIC ELEMENTS FOR RE-USE AS NEW RAW MATERIALS.

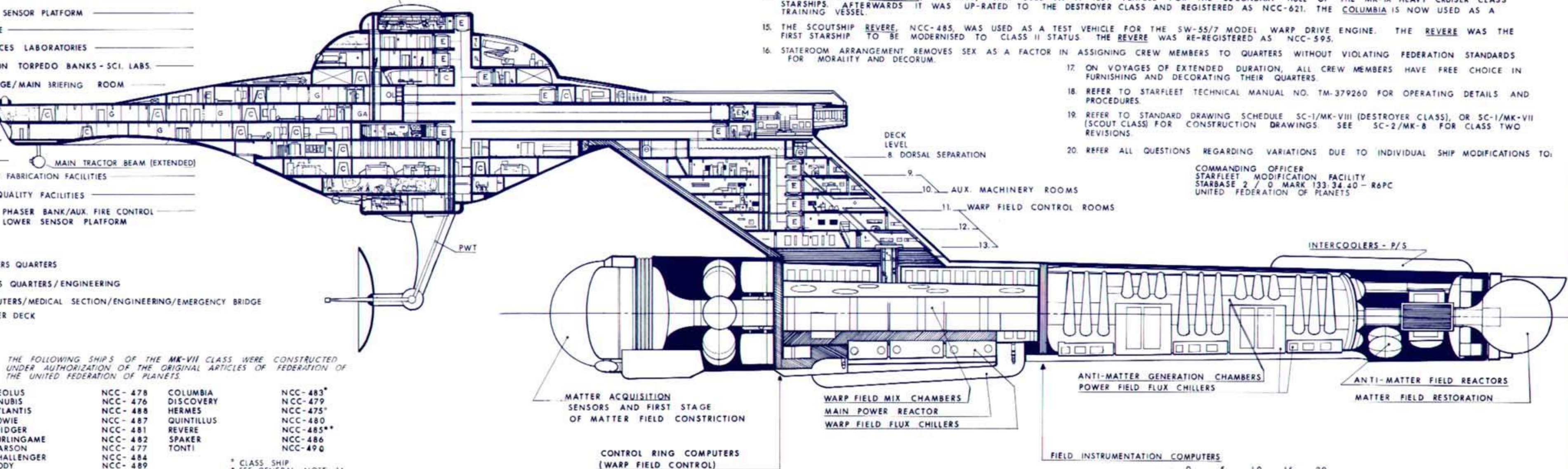


DOMES TRANSPARENT TO ALL FORMS OF ELECTROMAGNETIC RADIATION - T/B

11. CARGO AND EQUIPMENT IS HANDLED BY USING ANTI-GRAVITY UNITS WHICH ARE STORED IN VARIOUS SIZES AT CONVENIENT LOCATIONS.
12. THE WARP FIELD OPERATION IS BASED ON UNIFIED FIELD SPACE ENERGY/MATTER MATRIX WARP POSTULATE.
13. THE WARP DRIVE SYSTEM IS REVERSIBLE WITH MODERATE POWER CAPABILITY AND MINIMUM SPACE E/M MATRIX DEGRADATION.
14. THE SCOUTSHIP COLUMBIA, NCC-483, WAS USED AS A TEST VEHICLE FOR THE SECONDARY HULL OF THE MK-IX HEAVY CRUISER CLASS STARSHIPS. AFTERWARDS IT WAS UP-RATED TO THE DESTROYER CLASS AND REGISTERED AS NCC-621. THE COLUMBIA IS NOW USED AS A TRAINING VESSEL.
15. THE SCOUTSHIP REVERE, NCC-485, WAS USED AS A TEST VEHICLE FOR THE SW-55/7 MODEL WARP DRIVE ENGINE. THE REVERE WAS THE FIRST STARSHIP TO BE MODERNISED TO CLASS II STATUS. THE REVERE WAS RE-REGISTERED AS NCC-595.
16. STATEROOM ARRANGEMENT REMOVES SEX AS A FACTOR IN ASSIGNING CREW MEMBERS TO QUARTERS WITHOUT VIOLATING FEDERATION STANDARDS FOR MORALITY AND DECORUM.
17. ON VOYAGES OF EXTENDED DURATION, ALL CREW MEMBERS HAVE FREE CHOICE IN FURNISHING AND DECORATING THEIR QUARTERS.
18. REFER TO STARFLEET TECHNICAL MANUAL NO. TM-379260 FOR OPERATING DETAILS AND PROCEDURES.
19. REFER TO STANDARD DRAWING SCHEDULE SC-1/MK-VIII (DESTROYER CLASS), OR SC-1/MK-VII (SCOUT CLASS) FOR CONSTRUCTION DRAWINGS. SEE SC-2/MK-8 FOR CLASS TWO REVISIONS.
20. REFER ALL QUESTIONS REGARDING VARIATIONS DUE TO INDIVIDUAL SHIP MODIFICATIONS TO:

COMMANDING OFFICER
STARFLEET MODIFICATION FACILITY
STARBASE 2 / 0 MARK 133.34.40 - R6PC
UNITED FEDERATION OF PLANETS

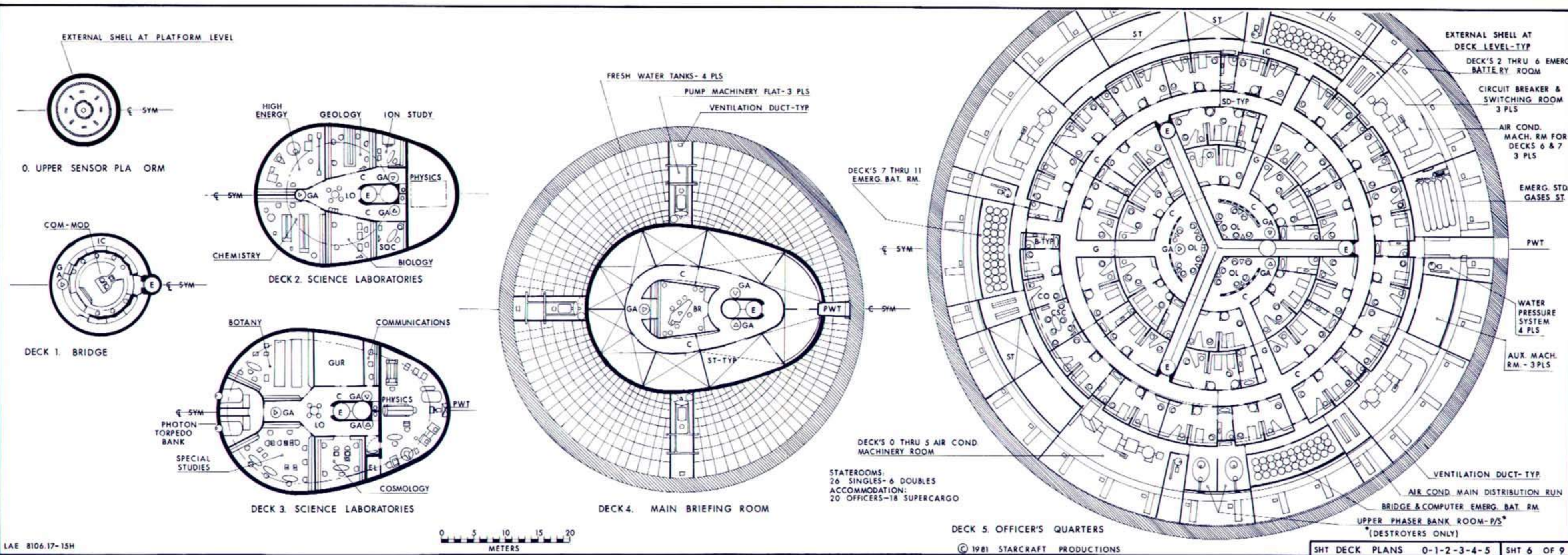
- DECK LEVEL
0. UPPER SENSOR PLATFORM
 1. BRIDGE
 2. SCIENCES LABORATORIES
 3. PHOTON TORPEDO BANKS - SCI. LABS.
 4. STORAGE/MAIN BRIEFING ROOM
 - 5.
 - 6.
 - 7.
 8. MAIN TRACTOR BEAM (EXTENDED)
 9. SHIP'S FABRICATION FACILITIES
 10. LIFE QUALITY FACILITIES
 11. FWD. PHASER BANK/AUX. FIRE CONTROL LOWER SENSOR PLATFORM
- FROM ABOVE
5. OFFICERS QUARTERS
 6. CREW'S QUARTERS/ENGINEERING
 7. COMPUTERS/MEDICAL SECTION/ENGINEERING/EMERGENCY BRIDGE
 8. HANGER DECK

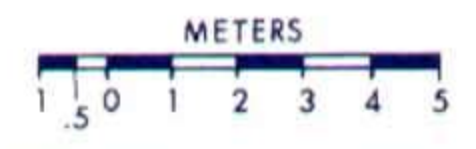
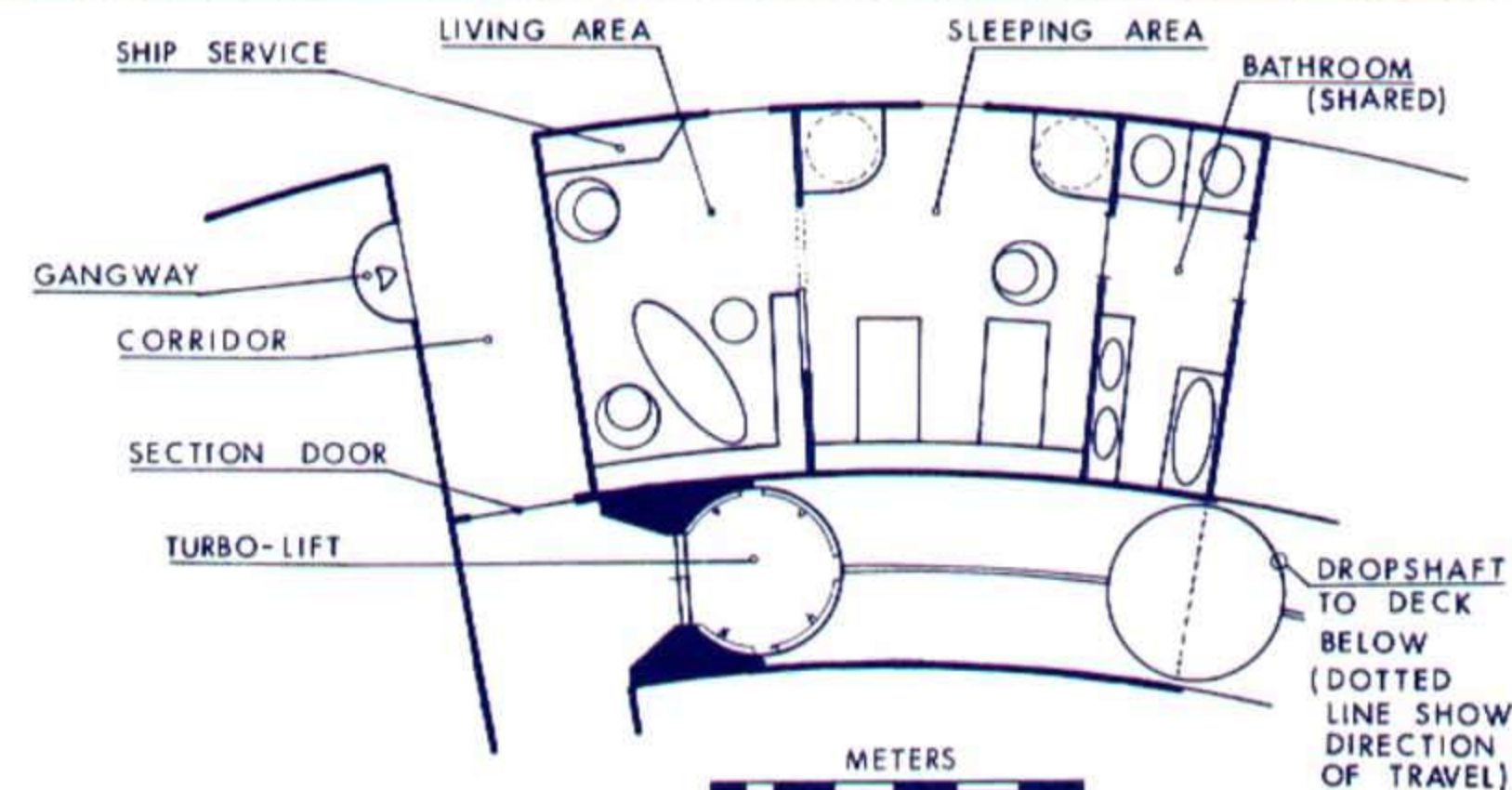
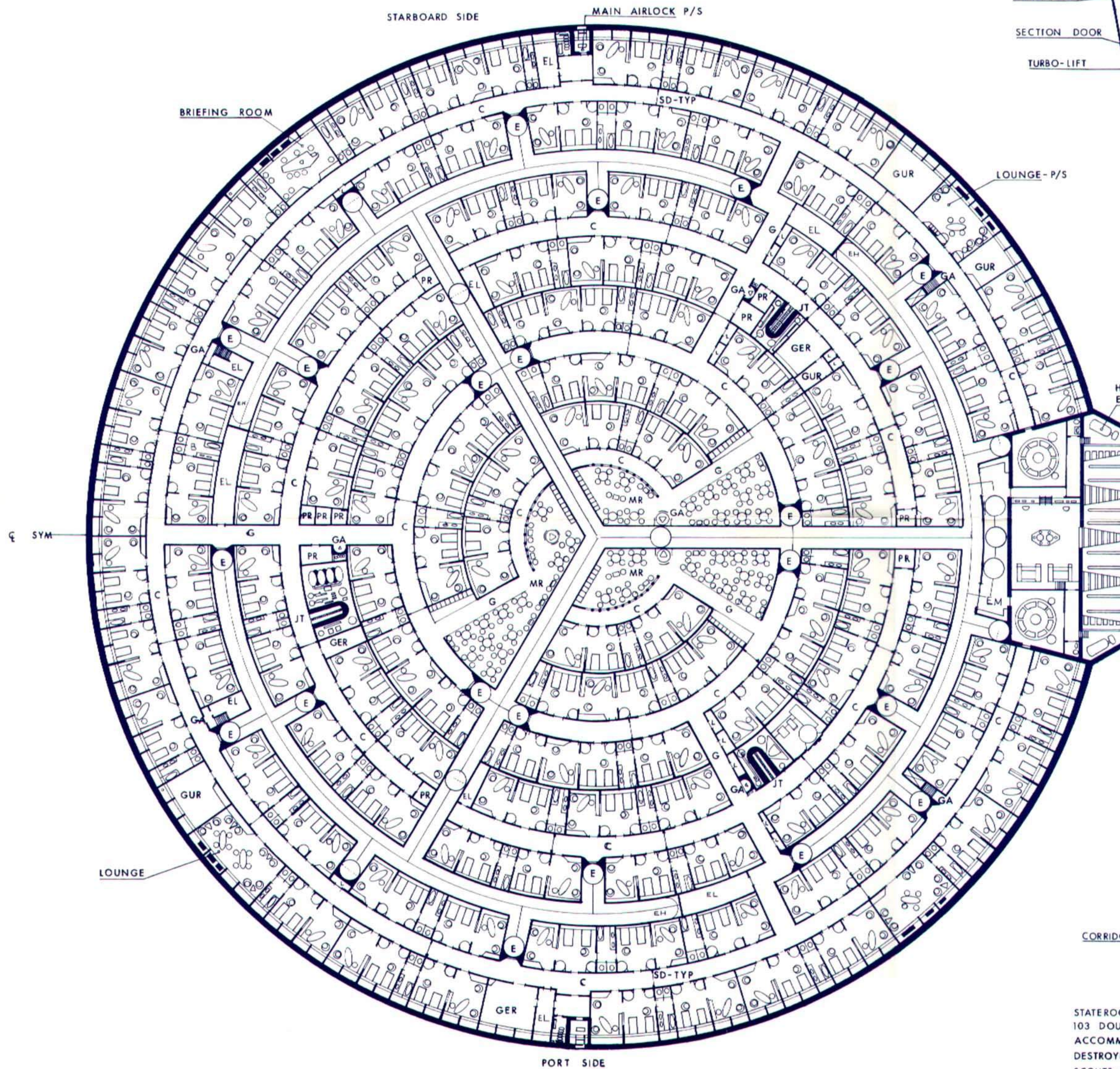


THE FOLLOWING SHIPS OF THE MK-VII CLASS WERE CONSTRUCTED UNDER AUTHORIZATION OF THE ORIGINAL ARTICLES OF FEDERATION OF THE UNITED FEDERATION OF PLANETS.

AEOLUS	NCC-478	COLUMBIA	NCC-483*
ANUBIS	NCC-476	DISCOVERY	NCC-479
ATLANTIS	NCC-488	HERMES	NCC-475*
BOWIE	NCC-487	QUINTILLUS	NCC-480
BRIDGER	NCC-481	REVERE	NCC-485**
BURLINGAME	NCC-482	SPAKER	NCC-486
CARSON	NCC-477	TONTI	NCC-490
CHALLENGER	NCC-484		
CODY	NCC-489		

* CLASS SHIP
** SEE GENERAL NOTE 14
SEE GENERAL NOTE 15





STATEROOM AND TURBOSHAF

REFERENCE	TM:	379260
STATEROOM	TO:	01:05:83
TURBOLIFT	TO:	03:09:21
TURBOSHAF	TO:	03:09:26
GANGWAY	TO:	03:09:47
CORRIDORS	TO:	03:09:30
"	TO:	03:09:31
JEFFRIES TUBE	TO:	03:09:51

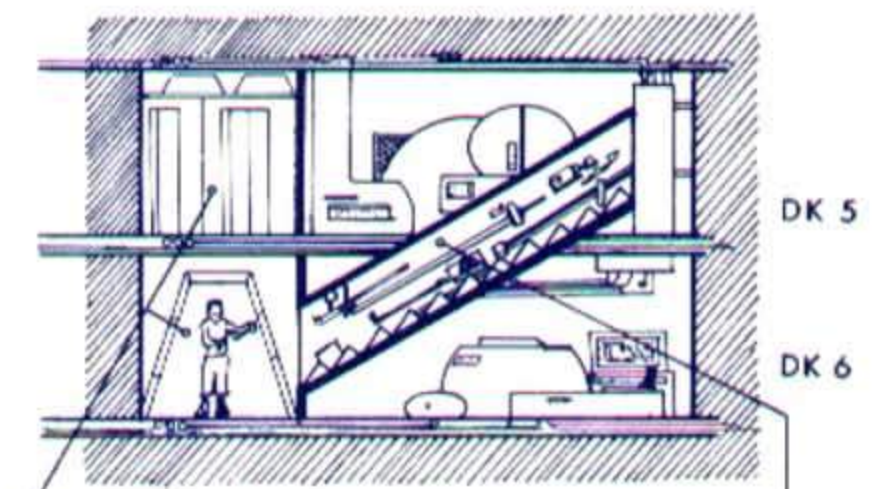
NOTE: THIS DECK IDENTICAL FOR SCOUTS AND DESTROYERS EXCEPT BY REASON OF INDIVIDUAL SHIP MODIFICATION.

HEAT EXCHANGER P/S

ENERGY CONVERTER-P/S

TWIN IMPULSE POWER UNIT 4 PLS

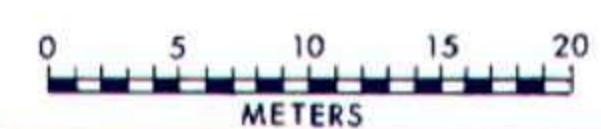
(SHIP'S SERVICE BETWEEN DECKS)



JEFFRIES TUBE: CROSS SECTION
SCALE IS SAME AS PLAN ABOVE

STATEROOMS:
103 DOUBLES- 11 QUADS
ACCOMMODATION;
DESTROYERS- 250 CREW MEMBERS- OR- 180 CREW & 70 SPRCRGO
SCOUTS: - 250 CREW MEMBERS - OR - 175 CREW & 75 SPRCRGO
MESSROOM CAPACITY- 160 PERSONS (FIGURE DOES NOT INCLUDE LOUNGE CAPACITIES)

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SEARCH SENSORS
AND DEFLECTORS

TRACTOR BEAM & MACHINERY ROOM
(MACHINERY LAID FLAT)

TECHNICAL REFERENCES:

FOR MK-VII (SCOUT) & MK-VIII (DESTROYER)

TM: 379260

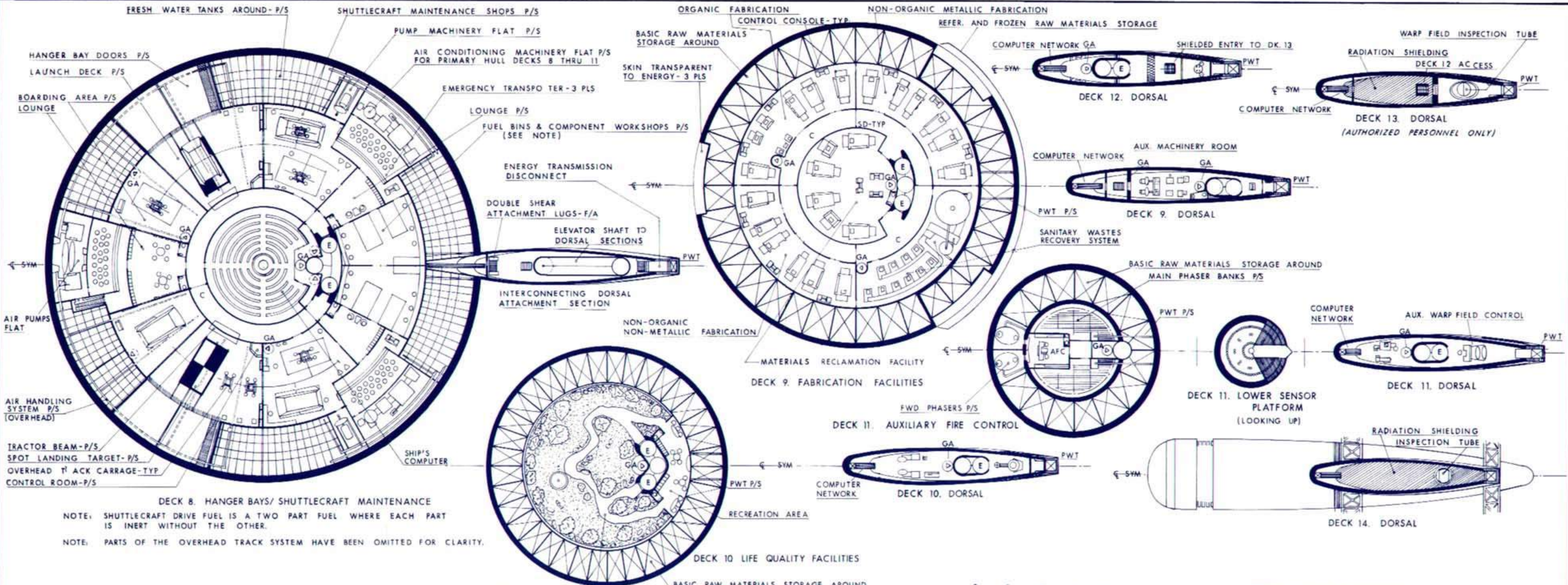
DECK 0:	SENSORS	TO: 02:05:00
DECK 1:	BRIDGE-PLAN	TO: 01:06:10
	BRIDGE-ELEVATIONS	TO: 01:06:11
DECK 2:	BIOLOGY	TO: 02:15:01
	CHEMISTRY	TO: 02:08:30
	GEOLOGY	TO: 02:08:46
	HIGH ENERGY	TO: 03:09:49
	ION STUDY	TO: 02:08:50
DECK 3:	BOTANY	TO: 02:08:22
	COSMOLOGY	TO: 02:09:20
	PHYSICS	TO: 02:09:78
	SPECIAL STUDIES	TO: 01:70:01
DECK 4:		
	BRIEFING ROOM	TO: 01:05:20
	PUMP MACHINERY	TO: 03:30:35
DECK 5:	STATEROOMS	TO: 01:05:80
	LOUNGE	TO: 01:05:90
	BATTERY ROOMS	TO: 03:45:00
	CIRCUIT ROOMS	TO: 03:45:15
	AIR COND. MACH.	TO: 03:30:30
	PHASER ROOM	TO: 03:20:00
DECK 6:	AIRLOCKS	TO: 03:30:00
	JEFFRIES TUBES	TO: 03:09:51
	STATEROOMS	TO: 01:05:83
	MESSROOMS	TO: 01:05:92
DECK 7:	EMERGENCY BRIDGE	TO: 01:06:20
	CARGO HOLDS	TO: 01:05:45
	LIQUID HOLDS	TO: 01:05:47
	GYMNASIUM	TO: 01:05:34
	SHOWERS	TO: 01:05:38
	LOCKER ROOM	TO: 01:05:36
	SMALL ARMS ARSENAL	TO: 01:08:40
	SECURITY SECTION	TO: 01:07:20
	FORWARD SENSORS	TO: 02:05:15
	REC ROOM	TO: 01:05:94
	VISICOMS	TO: 01:05:98
	MEDICAL SECTIONS	TO: 02:10:00
	MAIN COMPUTER	TO: 02:03:00
	ENGINEERING	TO: 03:08:10
	IMPULSE ENGINES	TO: 03:10:20
	MAIN TRANSPORTER	TO: 03:16:30
	CARGO TRANSPORTER	TO: 03:16:70
	MAIN TRACTOR BEAM	TO: 03:13:05
	F&B PREP FACILITY	TO: 03:13:27
	LAUNDRY	TO: 03:13:30
DECK 8:	EMERGENCY TRNSPTR	TO: 03:16:50
	SHUTTLECRAFT	TO: 01:04:80
	HANGER BAY	TO: 03:17:04
DECK 9:	FABRICATION	TO: 03:14:00
	RECLAMATION	TO: 03:14:06
	SANITATION	TO: 03:4:09
DECK 10:	ENTERTAINMENT	TO: 01:05:70
DECK 11:	PHASER CONTROL	TO: 03:20:02
	SENSORS	TO: 02:05:01
	MAIN SENSOR	TO: 03:05:05
DORSAL DECK SECTIONS		TO: 03:18:00

ADDITIONAL REFERENCES

OUTBOARD ELEVATIONS:		
DESTROYER	TO: 01:04:12	
SCOUT	TO: 01:04:14	
WARP DRIVE:		
EXTERIOR	TO: 03:11:20	
INTERIOR	TO: 03:11:21	
CONVERSIONS:		
MK-VII TO MK-VIII	TO: 04:05:00	
MK-VIII* TO MK-VI	TO: 04:05:50	
MK-VIII* TO MK-IX	TO: 04:06:00	
	* INCLUDES MK-VII	

NOTE: THERE ARE NO CREW STATEROOMS
ON THIS LEVEL FOR EITHER SCOUTS
OR DESTROYERS.






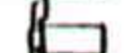
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METERS



STANDARD ABBREVIATIONS

- | | | |
|--|------------------------------------|----------------------------------|
| A ___ AFT | EXO ___ EXECUTIVE OFFICER'S OFFICE | PR ___ PERSONAL ISOLATION ROOM |
| AFC ___ AUX. FIRE CONTROL | F/A ___ FORE AND AFT | P/S ___ PORT AND STARBOARD |
| AUX ___ AUXILIARY | FWD ___ FOREWARD | PTR ___ PHOTON TORPEDO ROOM |
| B ___ BATHROOM | G ___ GALLERY | PWT ___ PIPING/WIRING TRUNK |
| BCL ___ BIO-CHEMICAL LAB | GA ___ GANGWAY (LADDER-WAY) | RM ___ ROOM |
| BR ___ BRIEFING ROOM | GER ___ GENERAL EQUIPMENT ROOM | S ___ STARBOARD |
| C ___ CORRIDOR | GUR ___ GENERAL UTILITY ROOM | SAA ___ SMALL ARMS ARSENAL |
| CH ___ CARGO HOLD | IC ___ INSPECTION CORRIDOR | SD ___ SECTION ISOLATION DOOR |
| CIC ___ COMMAND INTELLIGENCE CENTER | ICU ___ INTENSIVE CARE WARD | SO ___ SECURITY OFFICE |
| Q ___ CENTER LINE | JT ___ JEFFRIES TUBE | SOC ___ SCIENCE OFFICER'S OFFICE |
| CML ___ CHIEF SURGEON'S LAB | L ___ LOCKER | ST ___ STOREROOM/STOWAGE |
| CMO ___ CHIEF MEDICAL OFFICER'S OFFICE | LAB ___ LABORATORY | SYM ___ SYMMETRY |
| CNO ___ CHIEF NAVIGATOR'S OFFICE | LL ___ LIBRARY LOUNGE | T ___ TOP |
| CO ___ COMMANDING OFFICER | LO ___ LOUNGE | T/B ___ TOP AND BOTTOM |
| CON ___ CONVALESCENT WARD | M ___ METER(S) | TB ___ THERAPEUTIC BATH(S) |
| COND ___ CONDITIONING | MACH ___ MACHINERY | TL ___ TOILET |
| CP ___ CHAPEL | MAINT ___ MAINTENANCE | TYP ___ TYPICAL |
| CR ___ CHART ROOM | MN ___ DUTY NURSE | UP ___ UP |
| CSC ___ CO'S OFFICE | MO ___ MEDICAL OFFICER'S OFFICE | WL ___ WATERLINE |
| CXR ___ CARGO TRANSPORTER | MR ___ MESSROOM | WR ___ WAITING ROOM |
| DN ___ DOWN | MRL ___ MEDICAL RESEARCH LAB | XR ___ TRANSPORTER |
| DO ___ DENTAL OFFICE(S) | MS ___ MEDICAL SUPPLIES | |
| E ___ TURBO-ELEVATOR CAR | OBS ___ OBSTETRICS | |
| EL ___ ENVIRONMENTAL SUIT LOCKER | OL ___ OFFICER'S LOUNGE | |
| EM ___ ELEVATOR MAINTENANCE SHOP | OR ___ OPERATING/EXAMINATION ROOM | |
| EMR ___ EMERGENCY WARD | P ___ PORT | |
| ENG ___ (ENGRG) ENGINEERING | PLS ___ PLACES | |

PLAN SYMBOLS

-  TYPICAL CHAIRS
-  SINGLE POCKET DOOR
-  DOUBLE POCKET DOOR
-  DESK OR TABLE
-  GANGWAY
-  CONTROL CONSOLE
-  CONFERENCE TABLE
-  FOOD AND BEVERAGE SERVICE
-  DINETTE TABLE AND CHAIRS
-  TYPICAL TABLES
-  FABRICATION MACHINE
-  MEDICAL TABLE

 FOUNTAIN

 LIBRARY COMPUTER READER

 LANDSCAPING

TREES AND SHRUBS  GROUND COVERS AND FLOWERS



FEDERATION CONFIDENTIAL

THESE STANDARD ABBREVIATIONS ARE FOR THE SPECIFIC USE OF ACADEMY CADETS TO FAMILIARIZE THEMSELVES WITH THE GENERAL ARRANGEMENTS OF STARSHIPS. UNDER THE LAWS OF THE UNITED FEDERATION OF PLANETS, UNAUTHORIZED USE, OR REPRODUCTION IN WHOLE OR IN PART, WITHOUT THE WRITTEN PERMISSION OF STARFLEET OR ITS PLANETARY AGENTS IS PROHIBITED.

scs:5783-99

VISICON

 VIEWING ROOM

 HOLOGRAPHIC PROJECTOR

LAUNDRY UNIT

 INLET

 OUTLET

RECONDITIONER

SANITARY RECOVERY UNIT

