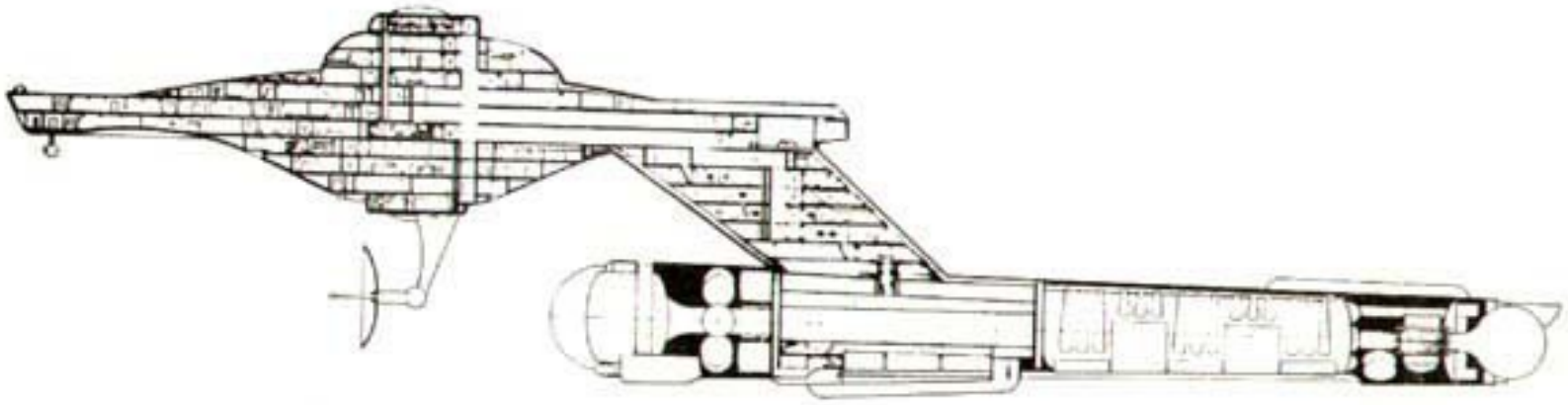
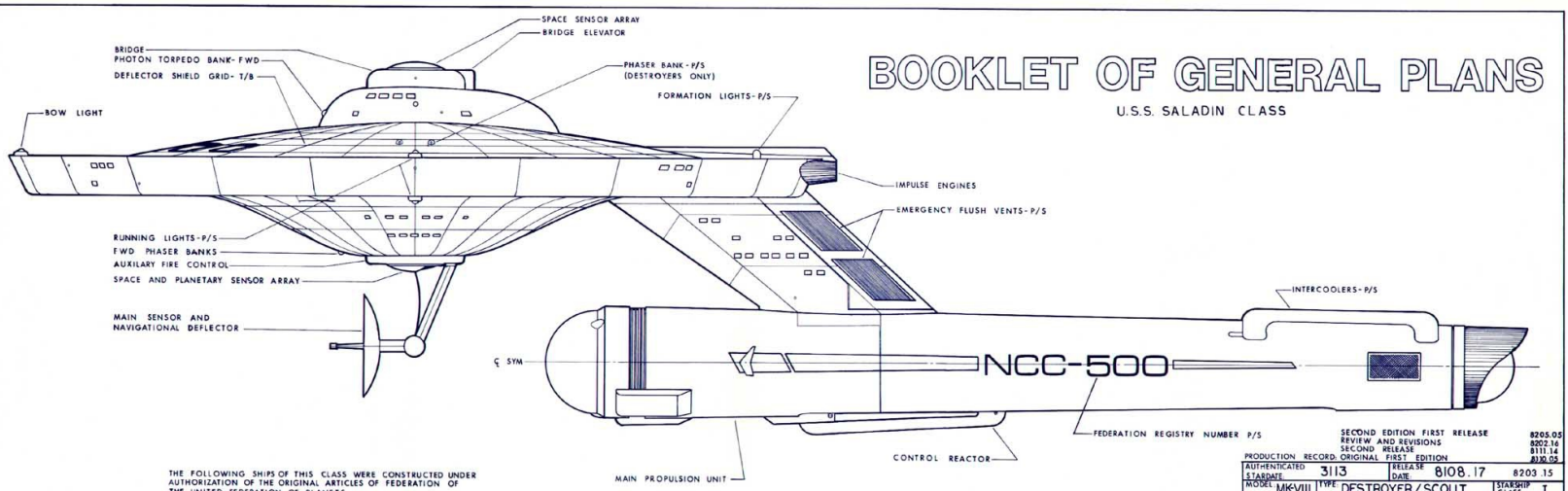
USS SALADIN CLASS DESTROYER/SCOUT BLUEPRINTS

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

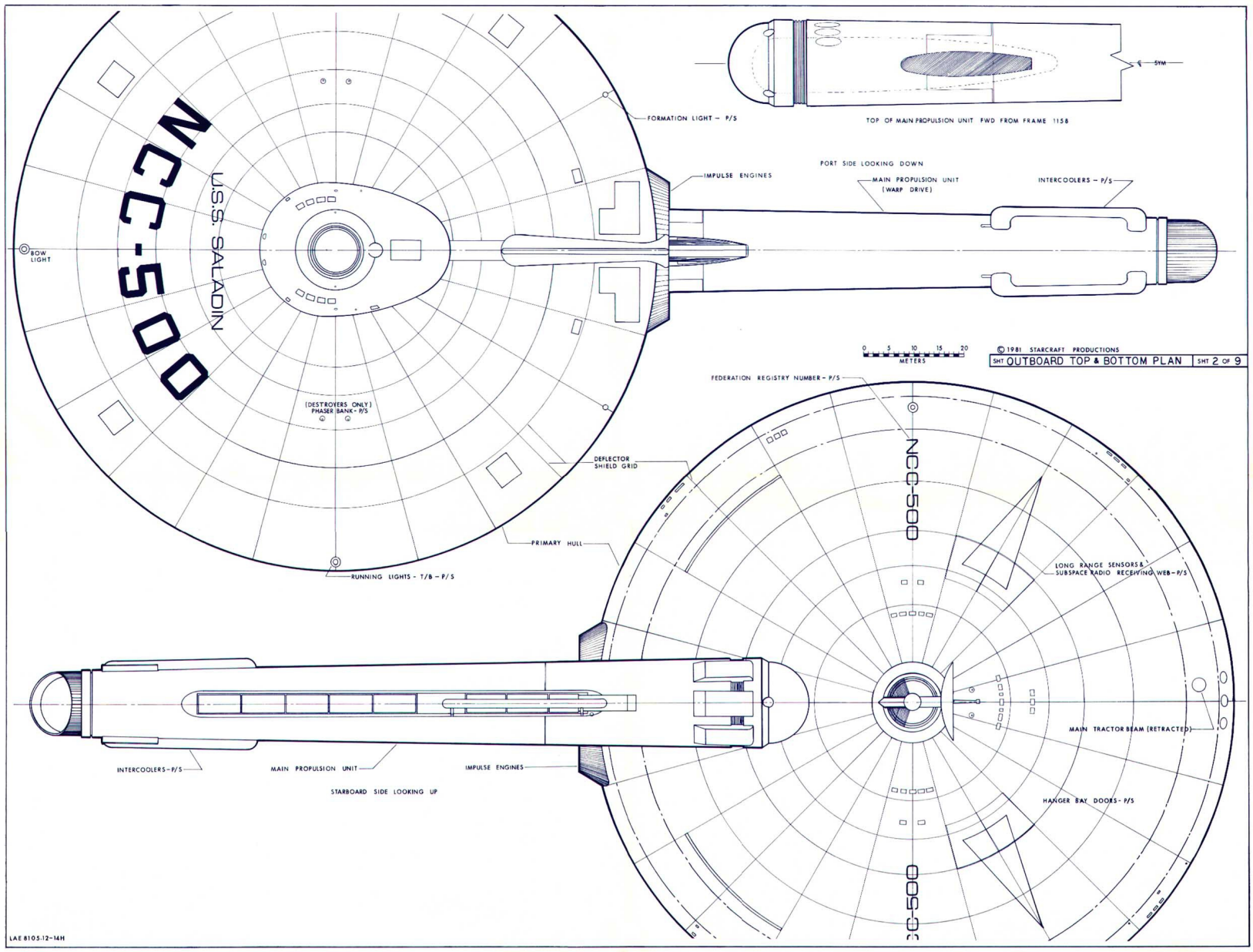
PORT SIDE LOOKING INBOARD

0 5 10 15 20 METERS

SECOND EDITION FIRST RELEASE 8205.05
REVIEW AND REVISIONS 8202.16
SECOND RELEASE 8111.14
PRODUCTION RECORD: ORIGINAL FIRST EDITION 8110.05

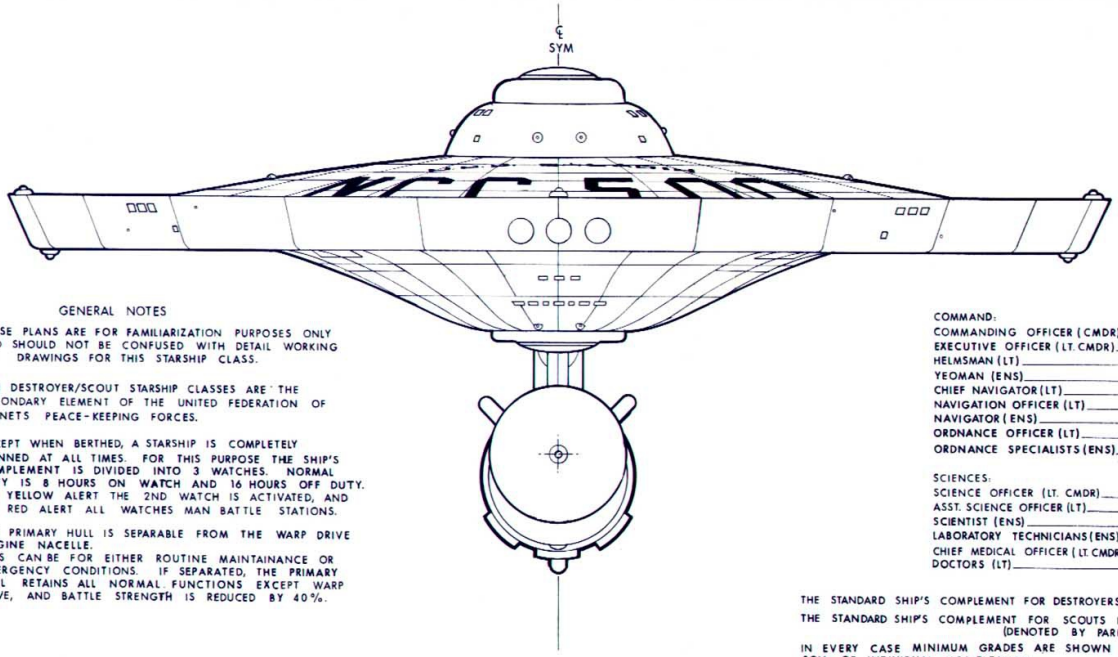
AUTHENTICATED STARDATE: 3113	RELEASE DATE: 8108.17		8203.15
MODEL: MK-VIII	TYPE: DESTROYER/SCOUT		STARSHIP CLASS: I
CONSTRUCTED BY: STARFLEET DIVISION, SAN FRANCISCO YARDS, UNITED NATIONS - EARTH - SOLAR SYSTEM			
ALL DIMENSIONS IN METRIC SYSTEM OF UNITED NATIONS - EARTH			
DRAWN BY: T20CH L. ALLEN EVERHART, 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

LAE 8105.11-6H



SHT OUTBOARD TOP & BOTTOM PLAN | SHT 2 OF 9

LAE 8105-12-14H



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:		SCIENCES CON'T:	
COMMANDING OFFICER (CMDR)	1	HEAD NURSE (LT)	1
EXECUTIVE OFFICER (LT. CMDR)	1	NURSE (ENS)	10
HELMSMAN (LT)	3	MEDICAL TECHNICIANS (ENS)	15
YEOMAN (ENS)	2	TOTAL	68
CHIEF NAVIGATOR (LT)	1	ENGINEERING/OTHER:	
NAVIGATION OFFICER (LT)	1	CHIEF ENGINEER (LT. CMDR)	1
NAVIGATOR (ENS)	3	ASST. CHIEF ENGINEER (LT)	1
ORDNANCE OFFICER (LT)	1	ENGINEERING OFFICER (LT)	1
ORDNANCE SPECIALISTS (ENS)	15 (12)	ENGINEERING SPECIALISTS (ENS)	45
TOTAL	28 (25)	TRANSPORTER SPECIALISTS (ENS)	14
SCIENCES:		CHIEF OF COMMUNICATION (LT)	1
SCIENCE OFFICER (LT. CMDR)	1	COMMUNICATIONS OFFICER (LT)	1
ASST. SCIENCE OFFICER (LT)	1	COMMUNICATIONS SPECIALISTS (ENS)	4
SCIENTIST (ENS)	2	CHIEF OF SECURITY (LT)	1
LABORATORY TECHNICIANS (ENS)	35	SECURITY SPECIALISTS	35 (33)
CHIEF MEDICAL OFFICER (LT. CMDR)	1	TOTAL	104 (102)
DOCTORS (LT)	2		

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

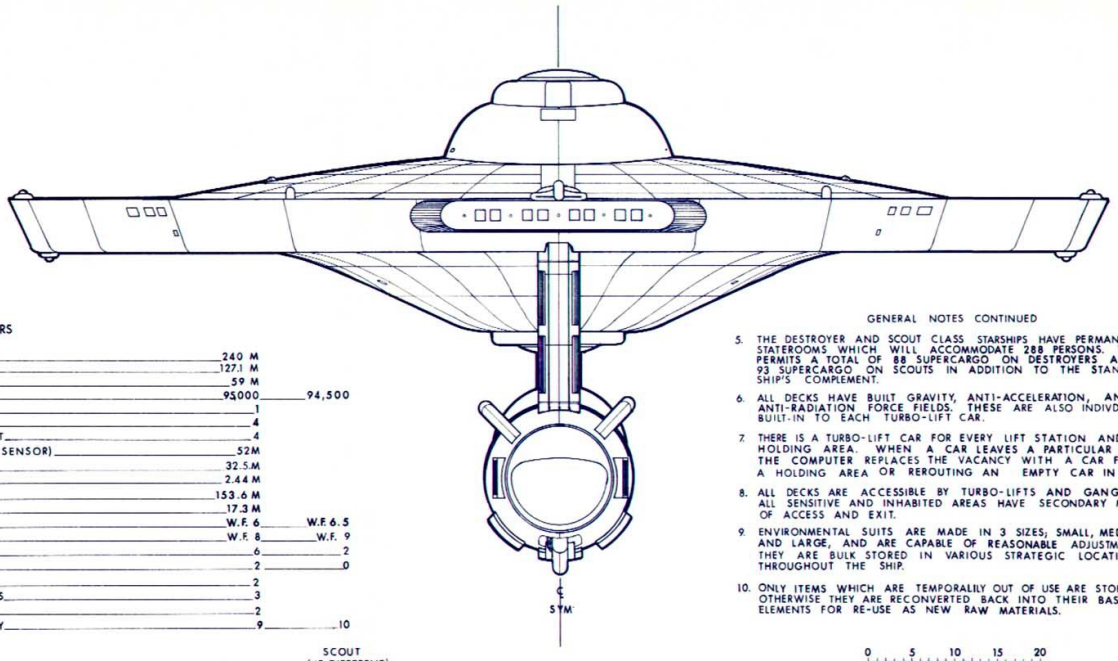
THE STANDARD SHIP'S COMPLEMENT FOR SCOUTS IS 20 OFFICERS AND 175 CREW MEMBERS TOTAL 195
(DENOTED BY PARENTHESIS)

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

0 5 10 15 20
METERS

LAE 8105.14-6H

SHT OUTBOARD BOW ELEVATION | SHT 3 OF 9



PARTICULARS

LENGTH OVERALL	240 M	
WIDTH OVERALL	127.1 M	
HEIGHT OVERALL	59 M	
GROSS DEADWEIGHT METRIC TONNAGE	95000	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)	32.5.M	
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

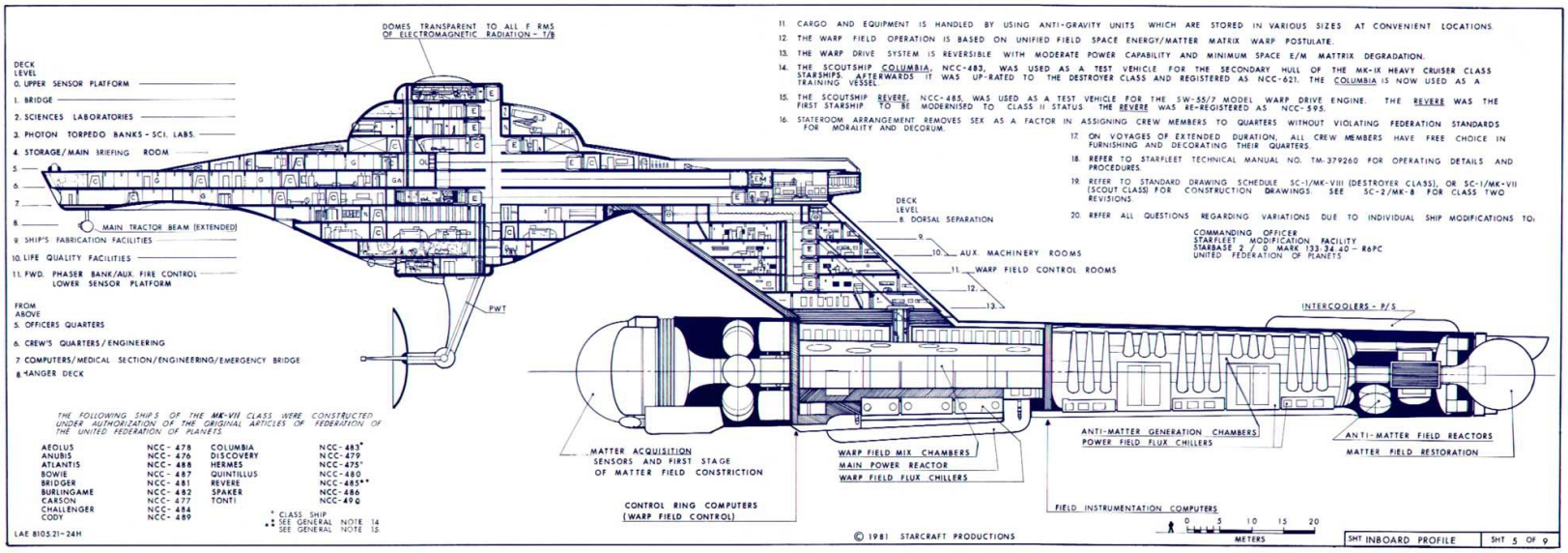
SCOUT
(IF DIFFERENT)

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 INDIVDUALLY 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.

0 5 10 15 20
METERS

SHT OUTBOARD STERN ELEVATION



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 MATTRIX 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

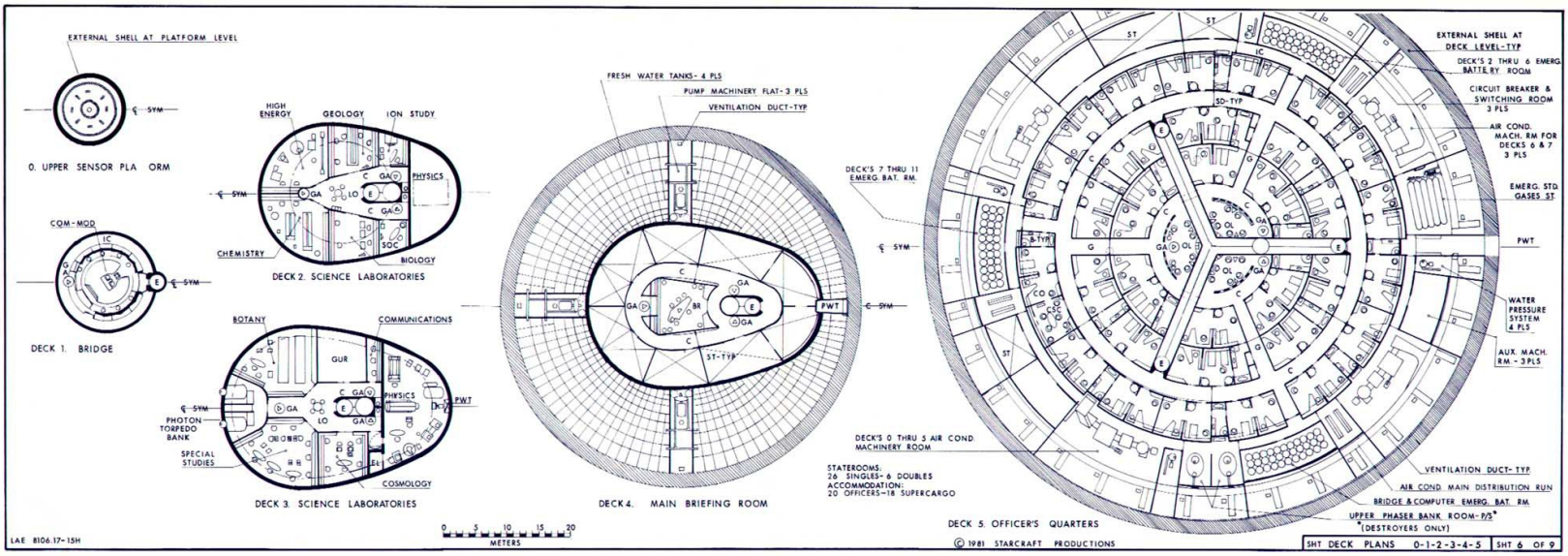
*THE FOLLOWING SHIPS OF THE **MK-VII** CLASS WERE CONSTRUCTED UNDER AUTHORIZATION OF THE ORIGINAL ARTICLES OF FEDERATION OF THE UNITED FEDERATION OF PLANETS*

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.

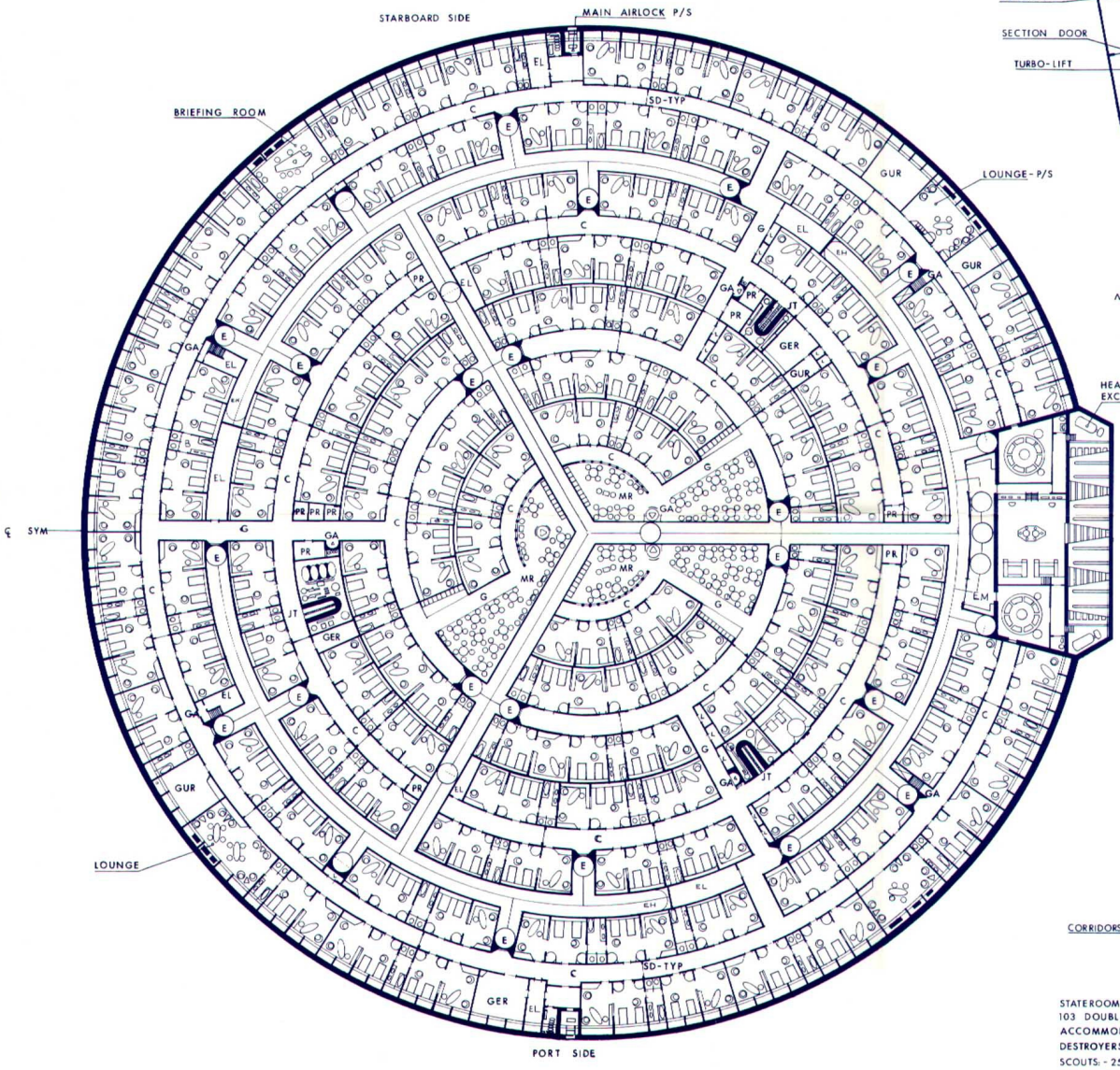
LAE 8103.21-24H

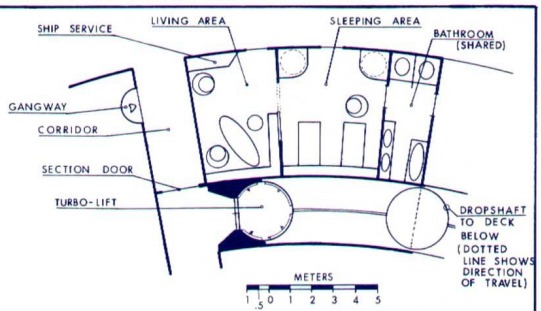
SHT INBOARD PROFILE | SHT 5 OF 9



LAE 8106.17-15H

SHT DECK PLANS 0-1-2-3-4-5 | SHT 6 OF 9



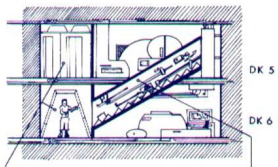


STATEROOM AND TURBOSHAFT

REFERANCE;—TM: 379260
STATEROOM;—TO: 01: 05: 83
TURBOLIFT;—TO: 03: 09: 21
TURBOSHAFT;—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.

(SHIP'S SERVICE BETWEEN DECKS)

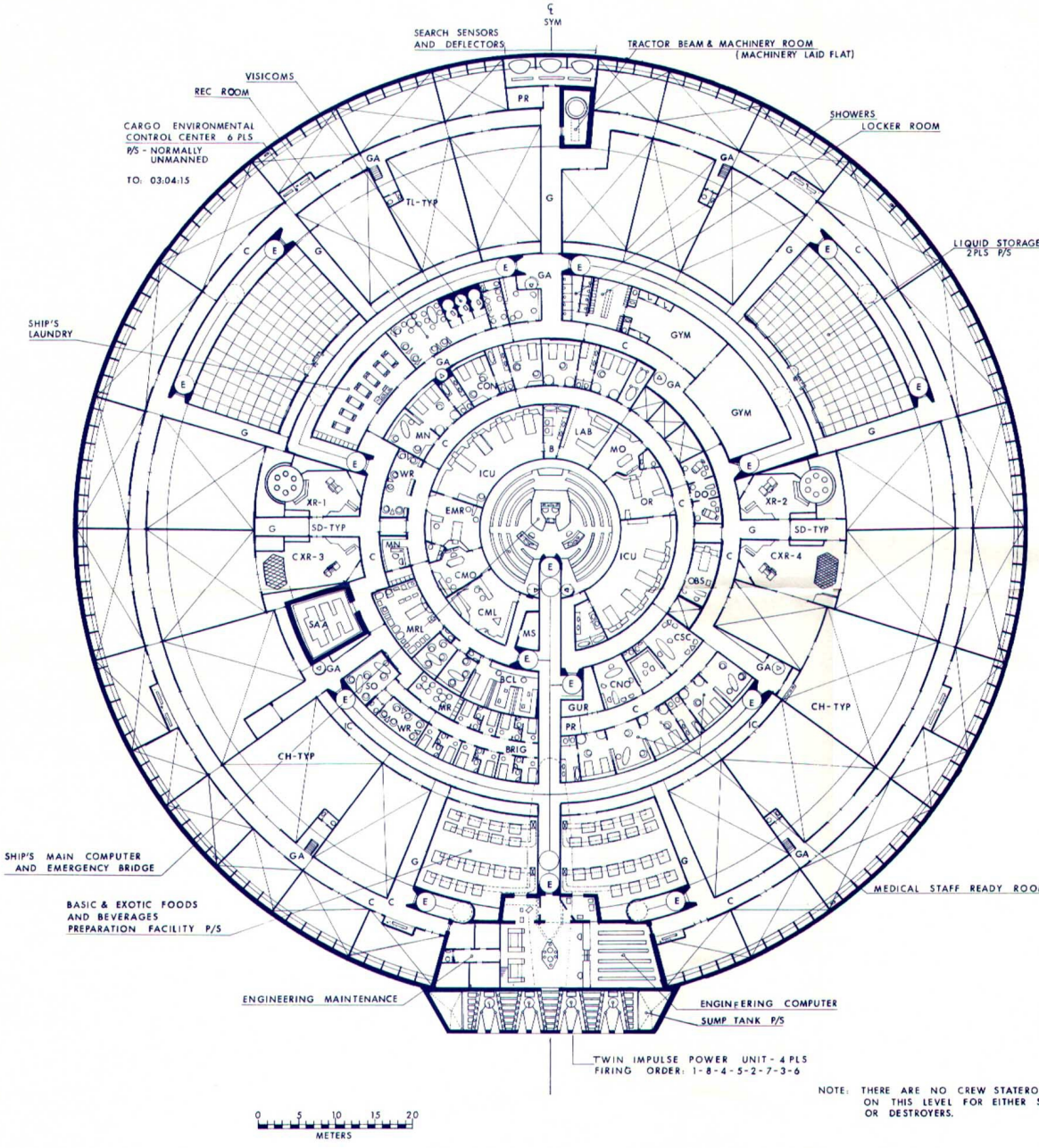


JEFFRIES TUBE: CROSS SECTION
SCALE IS SAME AS PLAN ABOVE

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)

LAE 8107.29 — 40H

SHT DECK 6 PLAN - CREW'S QUARTER'S | SHT 7 OF 9



TECHNICAL REFERENCES:

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

TM: 379260

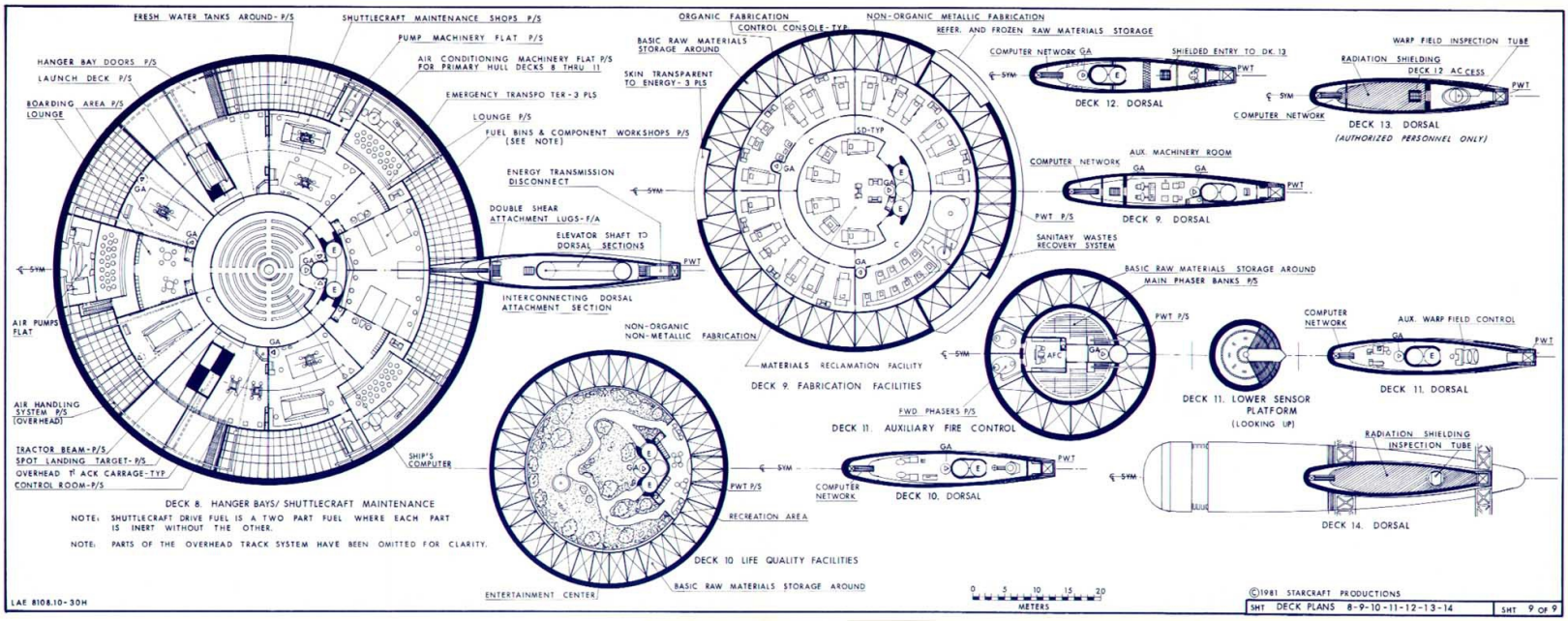
DECK 0:		
	SENSORS	TO: 02:05:00
DECK 1:		
	BRIDGE-PLAN	TO: 01:06:10
	BRIDGE-ELEVATIONS	TO: 01:06:11
DECK 2:		
	BIOLOGY	TO: 02:15:01
	CHEMISTRY	TO: 02:08:30
	GEOLOGY	TO: 02:08:46
	HIGH ENERGY	TO: 03:09:49
	ION STUDY	TO: 02:08:50
DECK 3:		
	BOTANY	TO: 02:08:22
	COSMOLOGY	TO: 02:09:20
	PHYSICS	TO: 02:09:78
	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
DECK10:		
	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

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

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



LAE 8108.10-30H

SHT DECK PLANS 8-9-10-11-12-13-14

U.S.S. SALADIN GENERAL PLANS SUPPLEMENT-STARDATE 8204.24

STANDARD ABBREVIATIONS

A___AFT
AFC__AUX. FIRE CONTROL
AUX__AUXILIARY
B____BATHROOM
BCL__BIO-CHEMICAL LAB
BR___BRIEFING ROOM
C____CORRIDOR
CH___CARGO HOLD
CIC__COMMAND INTELLIGENCE CENTER
℄ ___CENTER LINE
CML__CHIEF SURGEON'S LAB
CMO__CHIEF MEDICAL OFFICER'S OFFICE
CNO__CHIEF NAVIGATOR'S OFFICE
CO___COMMANDING OFFICER
CON__CONVALESCENT WARD
COND_CONDITIONING
CP___CHAPEL
CR___CHART ROOM
CSC__CO'S OFFICE
CXR__CARGO TRANSPORTER
DN___DOWN
DO___DENTAL OFFICE(S)
E____TURBO-ELEVATOR CAR
EL___ENVIRONMENTAL SUIT LOCKER
EM___ELEVATOR MAINTENANCE SHOP
EMR__EMERGENCY WARD
ENG__(ENGRG) ENGINEERING
EXO__EXECUTIVE OFFICER'S OFFICE
F/A__FORE AND AFT
FWD__FOREWARD
G____GALLERY
GA___GANGWAY (LADDER-WAY)
GER__GENERAL EQUIPMENT ROOM
GUR__GENERAL UTILITY ROOM
IC___INSPECTION CORRIDOR
ICU__INTENSIVE CARE WARD
JT___JEFFRIES TUBE
L____LOCKER
LAB__LABORATORY
LL___LIBRARY LOUNGE
LO___LOUNGE
M____METER(S)
MACH_MACHINERY
MAINT_MAINTENANCE
MN___DUTY NURSE
MO___MEDICAL OFFICER'S OFFICE
MR___MESSROOM
MRL__MEDICAL RESEARCH LAB
MS___MEDICAL SUPPLIES
OBS__OBSTETRICS
OL___OFFICER'S LOUNGE
OR___OPERATING/EXAMINATION ROOM
P____PORT
PLS__PLACES
PR___PERSONAL ISOLATION ROOM
P/S__PORT AND STARBOARD
PTR__PHOTON TORPEDO ROOM
PWT__PIPING/WIRING TRUNK
RM___ROOM
S____STARBOARD
SAA__SMALL ARMS ARSENAL
SD___SECTION ISOLATION DOOR
SO___SECURITY OFFICE
SOC__SCIENCE OFFICER'S OFFICE
ST___STOREROOM/STOWAGE
SYM__SYMMETRY
T____TOP
T/B__TOP AND BOTTOM
TB___THERAPEUTIC BATH(S)
TL___TOILET
TYP__TYPICAL
UP___UP
WL___WATERLINE
WR___WAITING ROOM
XR___TRANSPORTER

FEDERATION CONFIDENTIAL

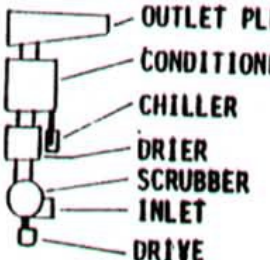
THESE STANDARD ABBREVIATIONS ARE FOR THE SPECIFIC USE OF ACADEMY CADETS TO FAMILIARIZE THEMSELVES WITH THE GENERAL ARRANGEMENTS OF STARSHIPS. UNDER THE LAWS OF THE UNITED FEDERATION OF PLANETS, UNAUTHORIZED USE, OR REPRODUCTION IN WHOLE OR IN PART, WITHOUT THE WRITTEN PERMISSION OF STARFLEET OR ITS PLANETARY AGENTS IS PROHIBITED.
scs:5783-99

PLAN SYMBOLS

TYPICAL CHAIRS
SINGLE POCKET DOOR
DOUBLE POCKET DOOR
DESK OR TABLE
GANGWAY
CONTROL CONSOLE
CONFERANCE TABLE
FOOD AND BEVERAGE SERVICE
DINETTE TABLE AND CHAIRS
TYPICAL TABLES
FABRICATION MACHINE
MEDICAL TABLE
FOUNTAIN
LIBRARY COMPUTER READER

LANDSCAPING

AIR CONDITIONING UNIT:



VISICON

LAUNDRY UNIT

SANITARY RECOVERY UNIT