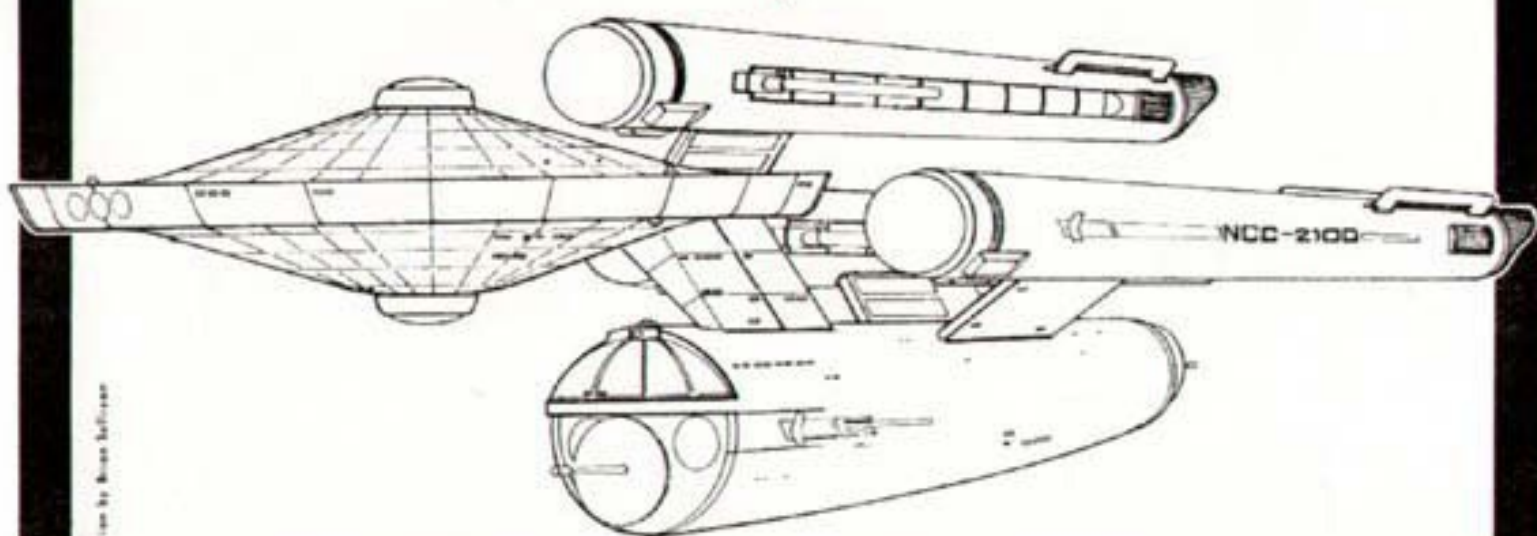


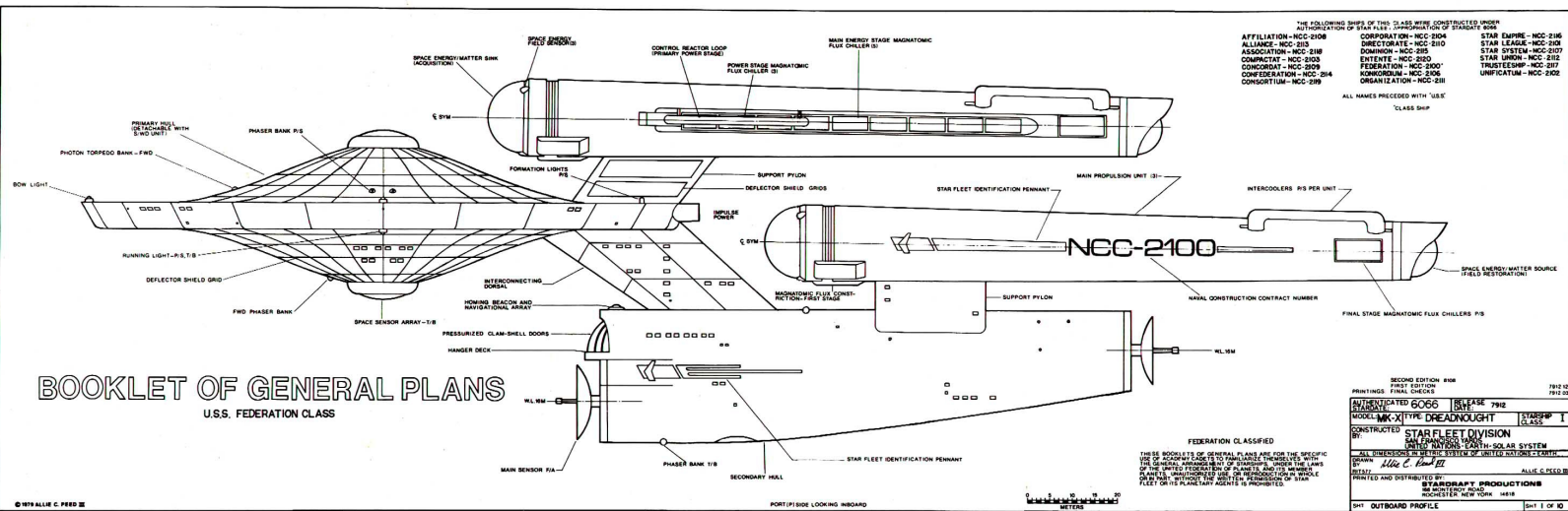
U.S.S. FEDERATION CLASS

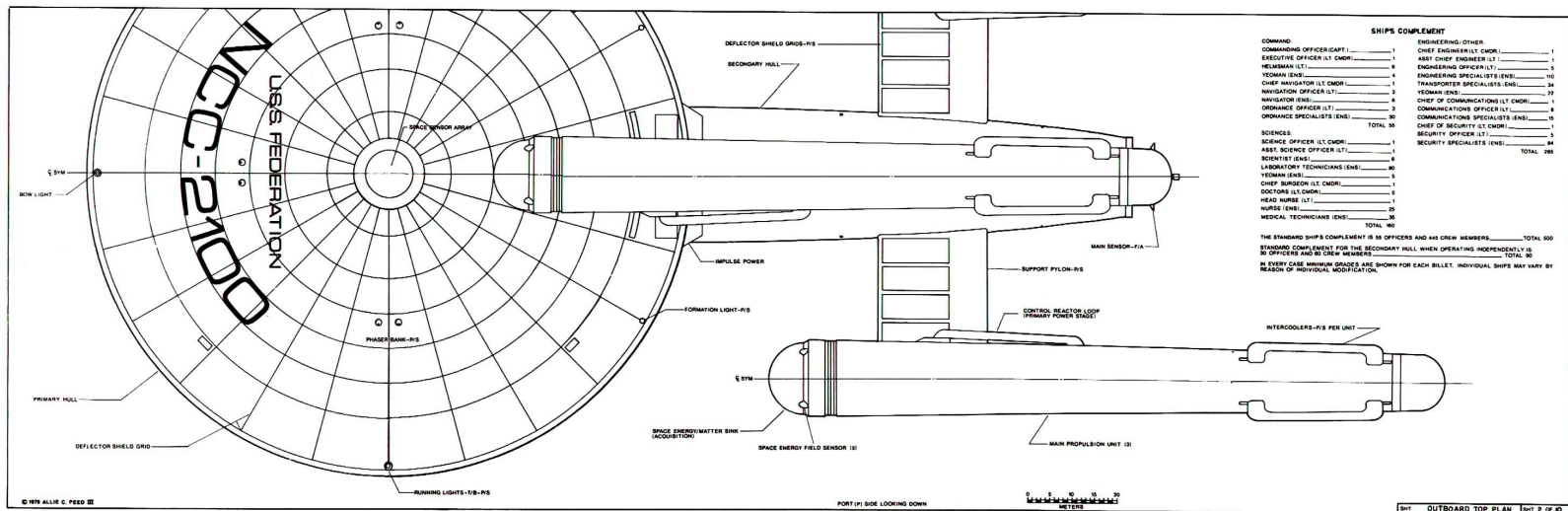


Cover illustration by Brian Selinger

DREADNOUGHT BLUEPRINTS

COMPLETE SET OF 8½" x 25" BLUEPRINTS
OF STAR FLEET'S LARGEST STARSHIP





SHIPS COMPLEMENT

COMMAND	ENGINEERING/OTHER
COMMANDING OFFICER (CAPT).....1	CHIEF ENGINEER (LT CMWR).....1
EXECUTIVE OFFICER (LT CMWR).....1	ASST CHIEF ENGINEER (LT).....1
HELMSMAN (LT).....1	ENGINEERING OFFICER (LT).....5
TECHNICAL ENGR.....4	ENGINEERING SPECIALISTS (ENS).....10
CHIEF NAVIGATOR (LT CMWR).....1	TRANSPORTER SPECIALISTS (ENS).....34
NAVIGATOR (ENS).....1	YEOMAN (ENS).....22
ORDNANCE OFFICER (LT).....3	CHIEF OF COMMUNICATIONS (LT CMWR).....1
ORDNANCE SPECIALISTS (ENS).....30	COMMUNICATIONS OFFICER (LT).....8
TOTAL 55	COMMUNICATIONS SPECIALISTS (ENS).....15
SCIENCES	CHIEF OF SECURITY (LT CMWR).....1
SCIENCE OFFICER (LT CMWR).....1	SECURITY OFFICERS (LT).....3
ASST SCIENCE OFFICER (LT).....1	SECURITY SPECIALISTS (ENS).....84
ROENTGENIST (ENS).....6	TOTAL 285
LABORATORY TECHNICIANS (ENS).....40	
YEOMAN (ENS).....5	
CHIEF SURGEON (LT CMWR).....1	
DOCTORS (LT CMWR).....1	
HEAD NURSE (LT).....1	
NURSE (ENS).....25	
MEDICAL TECHNICIANS (ENS).....30	
TOTAL 180	

THE STANDARD SHIP'S COMPLEMENT IS 55 OFFICERS AND 440 CREW MEMBERS.....TOTAL 500

STANDARD CREW EMBARK FOR THE SECONDARY HULL WHEN OPERATING INDEPENDENTLY IS 30 OFFICERS AND 80 CREW MEMBERS.....TOTAL 110

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



1. THESE PLANS ARE FOR FORMULATION PURPOSES ONLY AND SHOULD NOT BE CONSIDERED WITH DETAIL WORKING DRAWINGS FOR THIS STARSHIP CLASS.
2. THE DREADNOUGHT STARSHIP CLASS REINFORCES AND COMPLETES THE MISSION OF THE UNITED STATES AND THE UNITED FEDERATION OF PLANETS PEACE KEEPING FORCES.
EXCEPT WHEN BERTHED, A STARSHIP IS COMPLETELY SELF SUFFICIENT. IT HAS ALL THE NECESSARY EQUIPMENT ON YELLOW (8) DIVIDED INTO 3 WATCHES. ONLY ONE WATCH (8 HOURS ON WATCH AND 16 HOURS OFF DUTY) IS REQUIRED TO MAINTAIN THE STARSHIP'S OPERATIONS. ON RED ALERT ALL WATCHES MAN BATTLE STATIONS.
3. THE PRIMARY Hull IS SEPARABLE FROM THE SECONDARY Hull. THE PRIMARY Hull IS CAPABLE OF PERFORMING ALL FUNCTIONS OF INDEPENDENT OPERATION. WHEN THE PRIMARY Hull IS IN A SITUATION WHERE IT IS NOT CAPABLE OF SUPPORTING THE ENTIRE SHIPS COMPLIMENT IF THE SECONDARY Hull IS NOT AVAILABLE, THE PRIMARY Hull IS CAPABLE OF SUPPORTING THE ENTIRE SHIPS COMPLIMENT UNDER EMERGENCY CIRCUMSTANCES.
4. THE DREADNOUGHT CLASS STARSHIP HAS PERMANENTLY MOUNTED 1000 TONS OF WEAPONS. THIS PERMITS IT TO NORMALLY CARRY 30 SUPERGRAVITY MISSILES.

PARTICULARS

LENGTH OVERALL	3031
WATERLINE LENGTH	2810
WATERLINE OVERALL	1421
GROSS DEADWEIGHT METRIC TONNAGE	288,000
NUMBER OF MAIN PROPULSION UNITS	2
NUMBER OF DUAL IMPULSE POWER UNITS	1
STANDARD COMPLEMENT OF PERSON ON SHUTTLECRAFT	10
PRIMARY HULL MAXIMUM DIAMETER	128.2
PRIMARY HULL MAXIMUM DEPTH	26.34
SECONDARY HULL LENGTH OVERALL	132.3
SECONDARY HULL MAXIMUM DIAMETER	30.34
STANDARD DECK LENGTH OVERALL	128.2
STANDARD CEILING HEIGHT OVER DECK	42.6
MAIN PROPULSION UNIT LENGTH OVERALL	133.6
MAIN PROPULSION UNIT MAXIMUM DIAMETER	17.34
NUMBER OF 22 PERSON EMERGENCY TRANSPORTERS	1
NUMBER OF 22 PERSON EMERGENCY TRANSPORTERS	1
NUMBER OF CARGO TRANSPORTERS	2
ENDURANCE IN YEARS AT LIGHT-YEAR VELOCITY	20
PRIMARY HULL ENDURANCE IN YEARS AT 1.71c	10
SECONDARY HULL ENDURANCE IN YEARS AT 1.71c	10

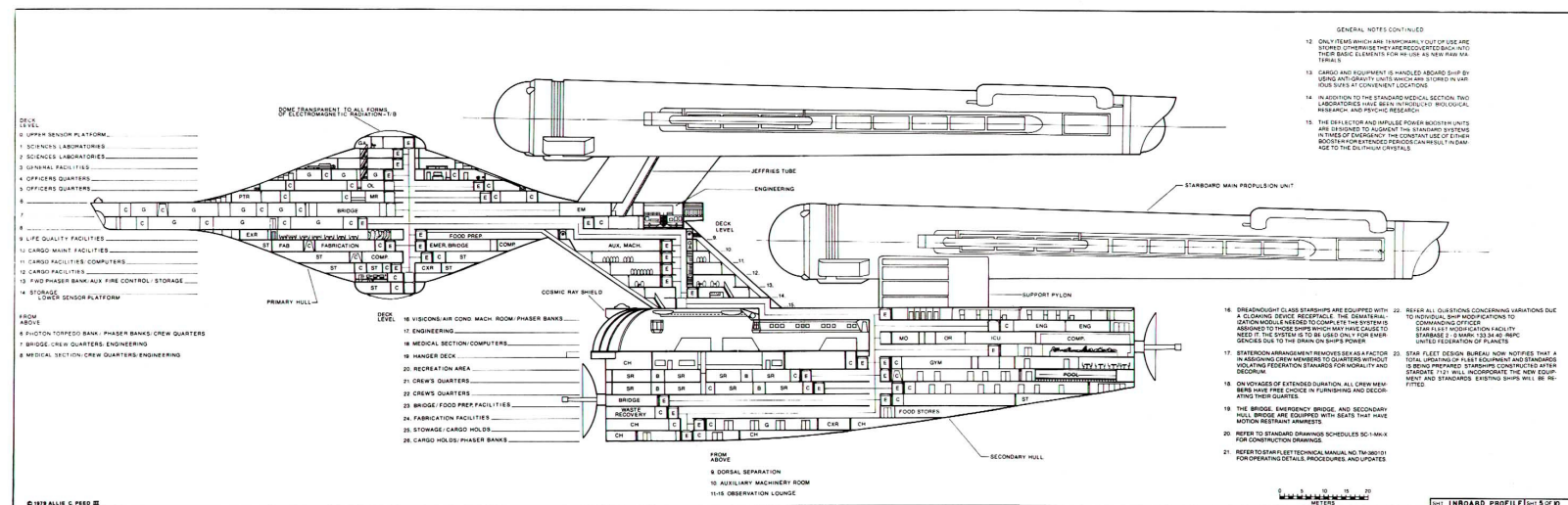


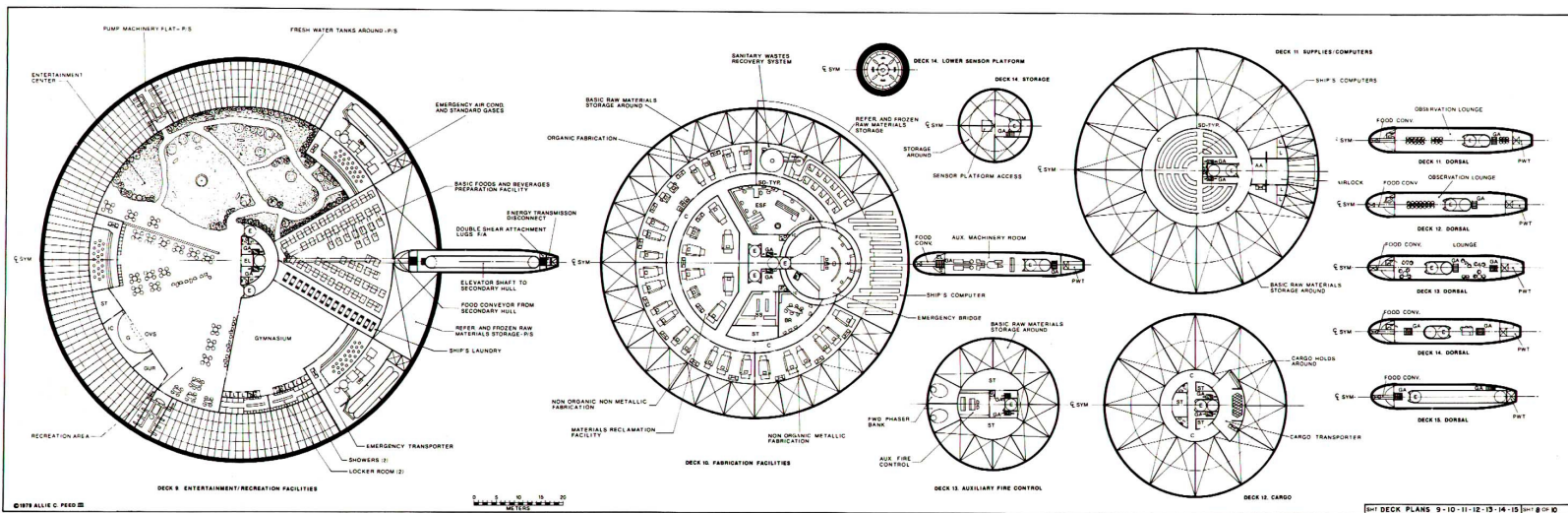
- GENERAL NOTES CONTINUED
6. THERE IS TURBO-ELEVATOR CARPENTRY IN ELEVATOR SHAFT AREA. THIS CARPENTRY IS A BARBICUT AND THE COMPUTER REPLACES THIS CARPENTRY WITH THE CARPENTRY FROM ITS DESTINATION.
- ALL DECKS ARE ACCESSIBLE BY TURBO-ELEVATION CARDS AND ARE ALL 10' WIDE AND 10' HIGH. THERE ARE NO HORIZONTAL BEAMS AND NO HANDRAILS.
- ALL DECKS HAVE BUILT-IN GRAVITY-ANTI-ACCELERATION AND ANTI-RADIATION FORCE FIELDS. THERE ARE ALSO BUILT-IN SHIELDING AND ANTI-RADIATION FIELDS.
- ENVIRONMENTAL STUDIES ARE MADE IN 6 SIZES: SMALL, MEDIUM, LARGE AND VERY LARGE. THERE ARE ALSO ENVIRONMENTAL STUDIES IN 6 SIZES: SMALL, MEDIUM, LARGE AND VERY LARGE.
- THE DECK 11 AIRLOCK HAS LOCKERS EQUIPPED WITH ENVIRONMENTAL SPACE SUITS. THERE IS A MEDIUM AND A LARGE.
- THE AIR SENSOR SUITS ON DECK 11 ARE USED PRIMARILY WHEN A PRIMARY HULL IS DETACHED FROM THE SECONDARY HULL.

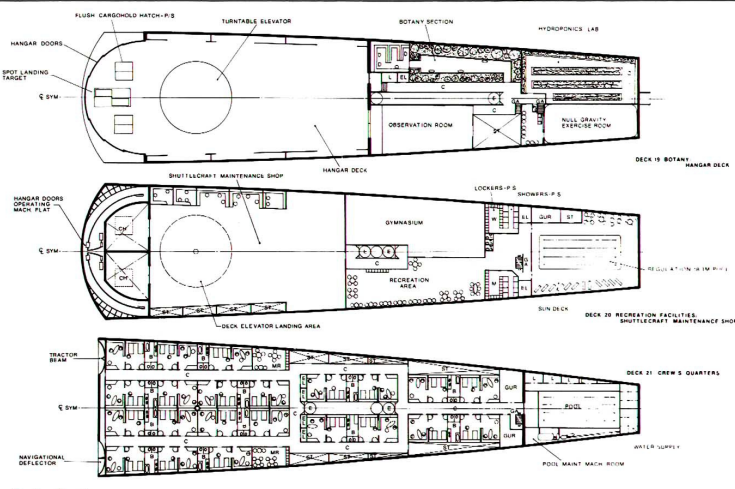
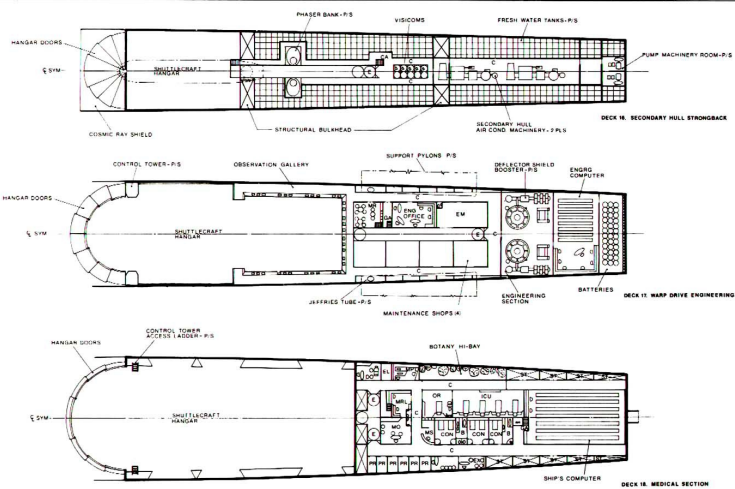
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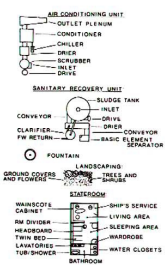
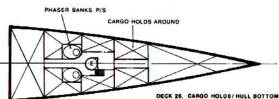
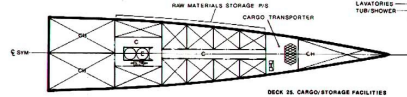
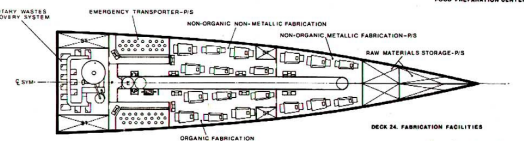
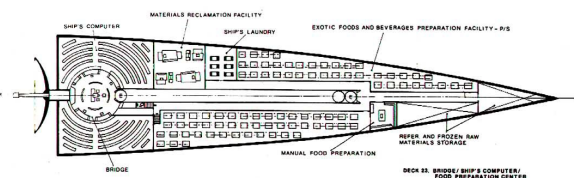
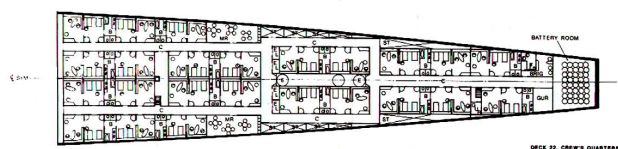
SHI OUTBOARD BOW AND STERN ELEVATIONS

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