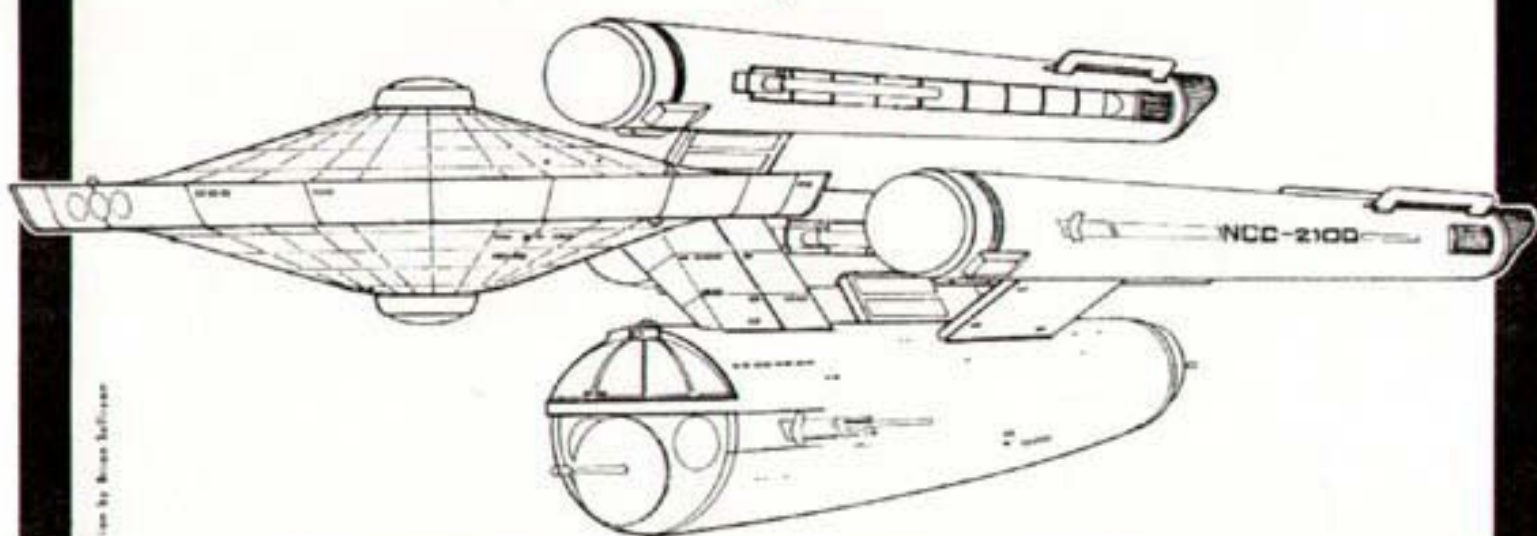


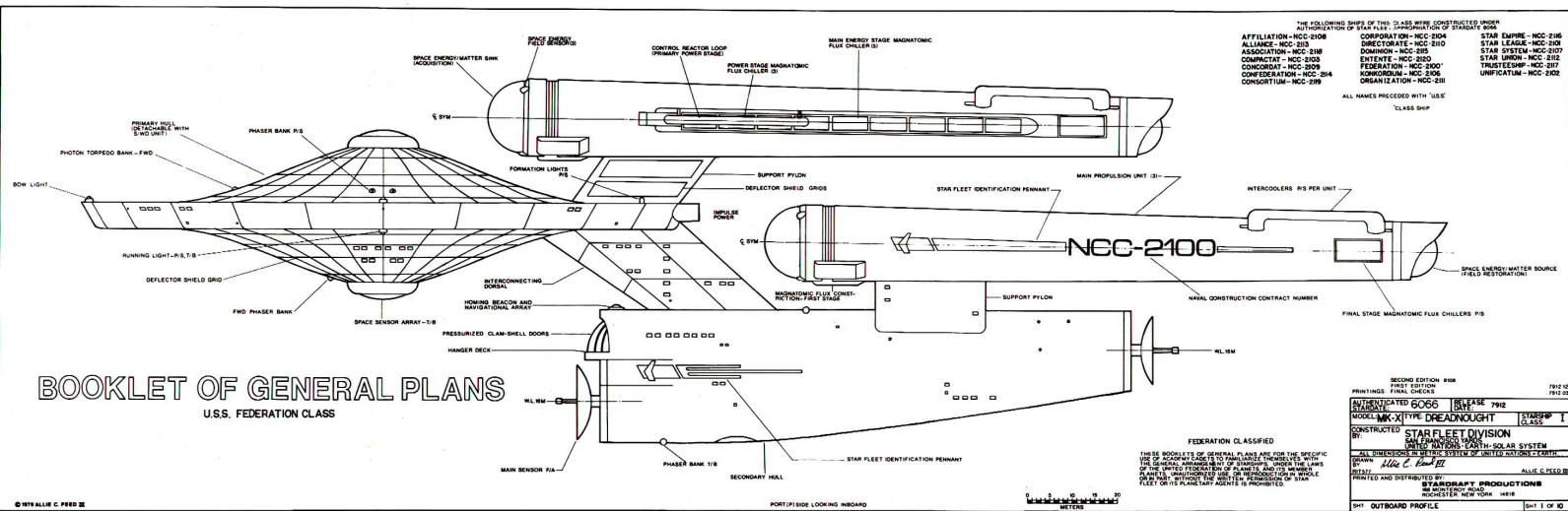
U.S.S. FEDERATION CLASS

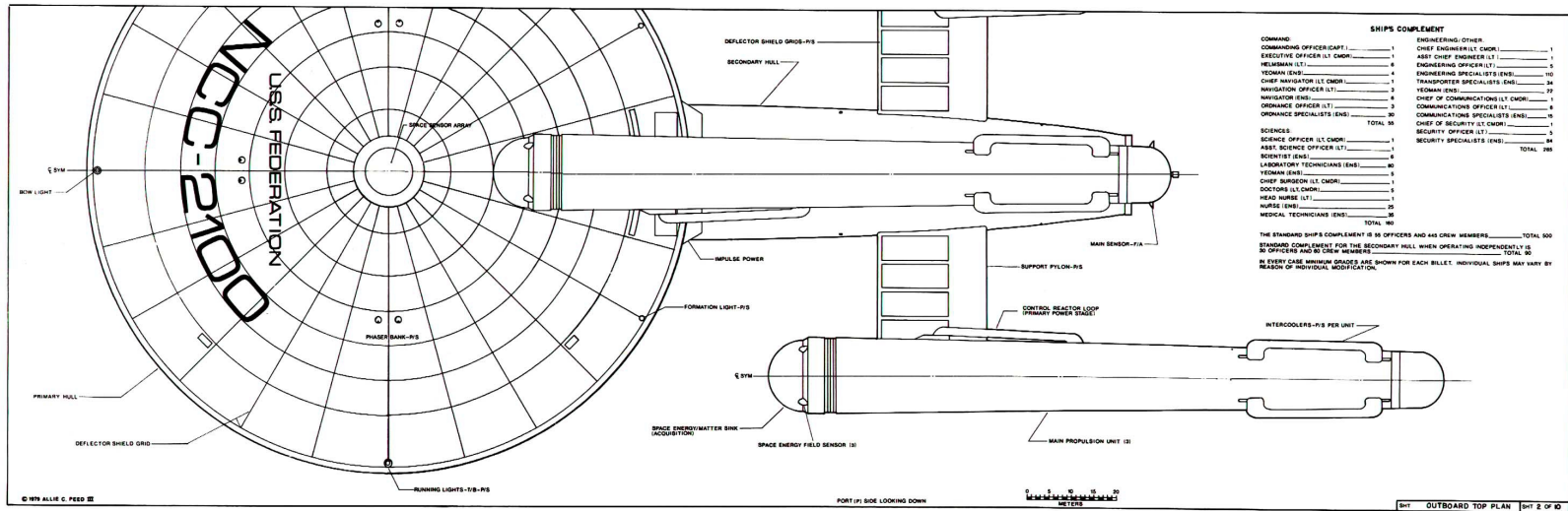


Cover illustration by Brian Selinger

DREADNOUGHT BLUEPRINTS

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





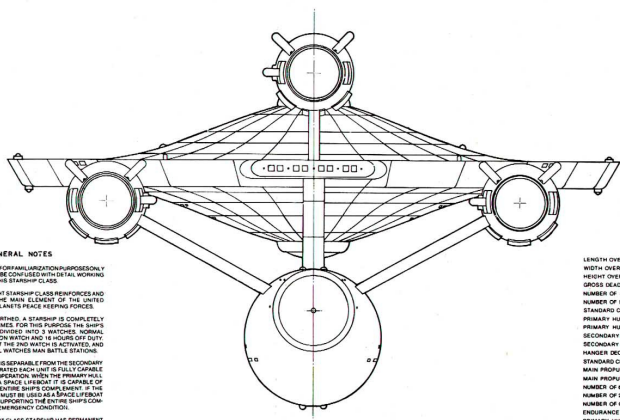
SHIPS COMPLEMENT

COMMAND		ENGINEERING/OTHER	
COMMANDING OFFICER (CAPT)	1	CHIEF ENGINEER (LT CMWR)	1
EXECUTIVE OFFICER (LT CMWR)	1	ASST CHIEF ENGINEER (LT)	1
HELMSMAN (LT)	6	ENGINEERING OFFICER (LT)	5
TECHNICAL ENGINEER	4	ENGINEERING SPECIALISTS (ENS)	10
CHIEF NAVIGATOR (LT CMWR)	1	TRANSPORTER SPECIALISTS (ENS)	34
NAVIGATOR (LT)	3	YEOMAN (ENS)	22
NAVIGATOR (ENS)	6	CHIEF OF COMMUNICATIONS (LT CMWR)	1
ORDNANCE OFFICER (LT)	3	COMMUNICATIONS OFFICER (LT)	8
ORDNANCE SPECIALISTS (ENS)	30	COMMUNICATIONS SPECIALISTS (ENS)	15
		CHIEF OF SECURITY (LT CMWR)	1
		SECURITY OFFICERS (LT)	3
		SECURITY SPECIALISTS (ENS)	34
			TOTAL 185
SCIENCES			
SCIENCE OFFICER (LT CMWR)	1		
ASST SCIENCE OFFICER (LT)	1		
ROENTGENIST (ENS)	6		
LABORATORY TECHNICIANS (ENS)	40		
YEOMAN (ENS)	5		
CHIEF SURGEON (LT CMWR)	1		
DOCTORS (LT CMWR)	5		
HEAD NURSE (LT)	1		
NURSE (ENS)	25		
MEDICAL TECHNICIANS (ENS)	30		
			TOTAL 180

THE STANDARD SHIP'S COMPLEMENT IS 55 OFFICERS AND 445 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.

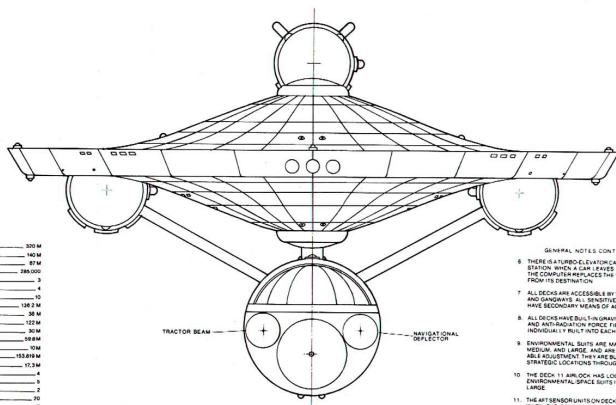


GENERAL NOTES

1. THESE PLANS ARE FOR INFORMATION PURPOSES ONLY AND SHOULD NOT BE CONSIDERED AS FINAL WORKING DRAWINGS FOR THIS SHIP CLASS.
2. THE DREADNOUGHT STARSHIP CLASS REINFORCES AND COMPLEMENTS THE MAIN ELEMENT OF THE UNITED FEDERATION OF PLANETS PEACE KEEPING FORCES.
3. EXCEPT WHEN MENTIONED, A SHIPWRECK IS COMPLETELY MAINTAINED AT ALL TIMES. FOR THIS PURPOSE, THE SHIP'S COMPLEMENT IS DIVIDED INTO 4 WATCHES. NORMAL DUTY IS 8 HOURS ON WATCH AND 16 HOURS OFF DUTY. ON YELLOW ALERT THE WATCH IS ACTIVATED, AND ON RED ALERT ALL WATCHES ARE ACTIVATED.
4. THE PRIMARY HULL IS SEPARABLE FROM THE SECONDARY HULL. WHEN SEPARATED EACH UNIT IS FULLY CAPABLE OF INDEPENDENT OPERATION. WHEN THE PRIMARY HULL IS EMPLOYED AS A SPACE LIFELINE, IT IS CAPABLE OF SUPPORTING THE ENTIRE SHIP'S COMPLEMENT IN THE SECONDARY HULL MUST BE USED AS A SPACE LIFELINE. IT IS CAPABLE OF SUPPORTING THE ENTIRE SHIP'S COMPLEMENT UNDER EMERGENCY CONTROL.
5. THE DREADNOUGHT CLASS STARSHIP HAS PERMANENT STATIONING WHICH ACCOMMODATES SUPERSONIC. THIS PERMITS IT TO NORMALLY CARRY 30 SUPERSONIC IN ADDITION TO THE STANDARD SHIP'S COMPLEMENT.

PARTICULARS

LENGTH OVERALL	300M
BREADTH OVERALL	40M
HEIGHT OVERALL	87M
DRIVE REACTOR/ENGINE TONNAGE	250,000
NUMBER OF MAIN PROPULSION UNITS	3
NUMBER OF AUXILIARY POWER UNITS	4
STANDARD COMPLEMENT OF PERSON SHUTTLE/CRAM	30
PRIMARY HULL MAXIMUM DIAMETER	100.2M
PRIMARY HULL MAXIMUM DEPTH	38M
SECONDARY HULL LENGTH OVERALL	122M
SECONDARY HULL MAXIMUM DIAMETER	38M
HANGER DECK LENGTH OVERALL	100M
STANDARD CEILING HEIGHT OVER DECK	100M
MAIN PROPULSION UNIT LENGTH OVERALL	100M
MAIN PROPULSION UNIT MAXIMUM DIAMETER	10.5M
NUMBER OF PERSON STANDARD TRANSPORTERS	4
NUMBER OF PERSON EMERGENCY TRANSPORTERS	2
NUMBER OF CARGO TRANSPORTERS	2
ENDURANCE IN YEARS AT LIGHT-YEAR VELOCITY	10
PRIMARY HULL ENDURANCE IN YEARS AT L.V.	9
SECONDARY HULL ENDURANCE IN YEARS AT L.V.	8



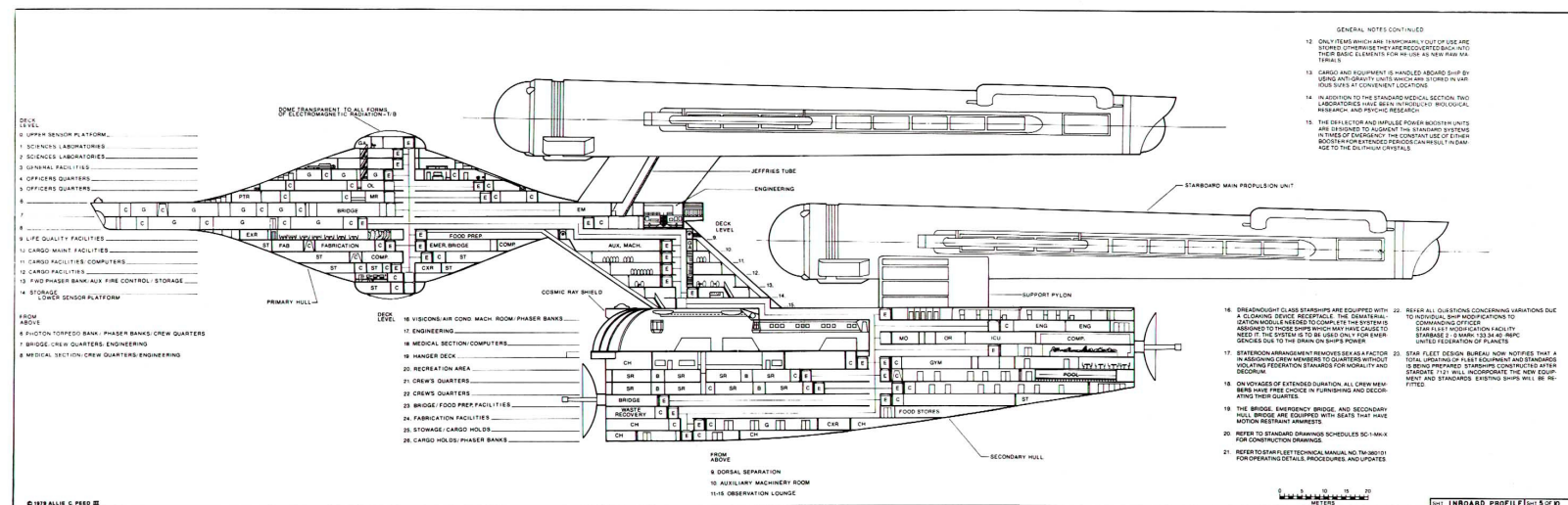
GENERAL NOTES CONTINUED

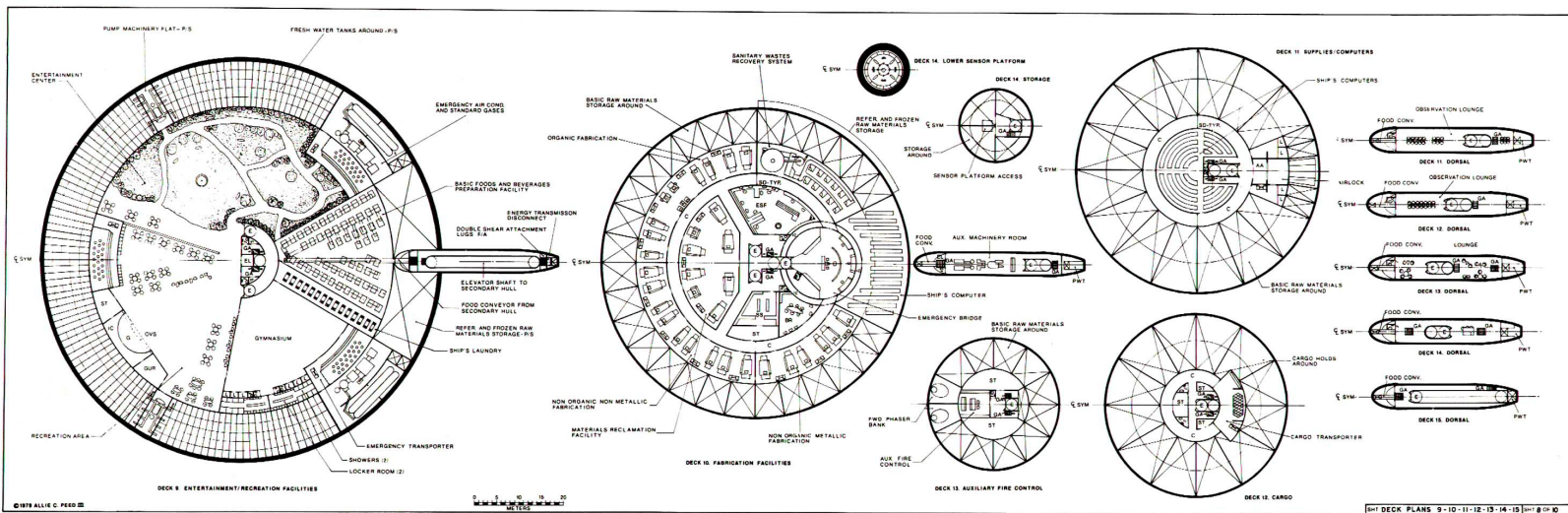
6. THERE IS A TURBO-ELEVATOR CAR FOR EVERY ELEVATOR STATION. WHEN A LIFT TAKES A PARTICULAR ELEVATOR, THE COMPUTER REPLACES THE VACANCY WITH THE LIFT FROM ITS DESTINATION.
7. ALL DECKS ARE ACCESSIBLE BY TURBO-ELEVATOR CARS AND LIFTS. ALL SENSITIVE AND CRITICAL AREAS HAVE SECONDARY MEANS OF ACCESS AND EXIT.
8. ALL DECKS HAVE BUILT-IN SHOCK AND VIBRATION AND ANTI-RADIATION FORCE FIELDS. THESE ARE ALSO INDIVIDUALLY PLACED INTO EACH TURBO-ELEVATOR CAR.
9. ENVIRONMENTAL SUITS ARE MADE IN 3 SIZES: SMALL, MEDIUM AND LARGE. AND ARE CAPABLE OF ADJUSTABLE ADJUSTMENT THAT ARE BUILT INTO VARIOUS STRATEGIC LOCATIONS THROUGHOUT THE SHIP.
10. THE DECK 11 AIRLOCK HAS LOCKERS EQUIPPED WITH ENVIRONMENTAL SPACE SUITS IN SMALL, MEDIUM AND LARGE.
11. THE 8TH DECK UNITS ON DECK 7 ARE USED PRIMARILY WHEN THE PRIMARY HULL IS SEPARATED FROM THE SECONDARY HULL.

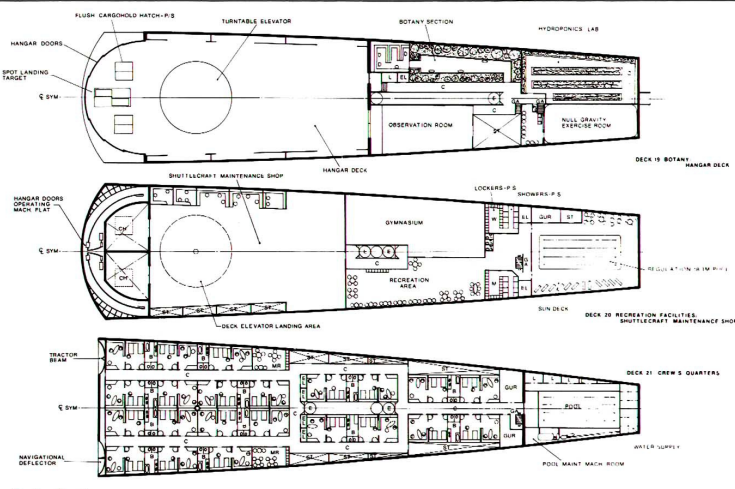
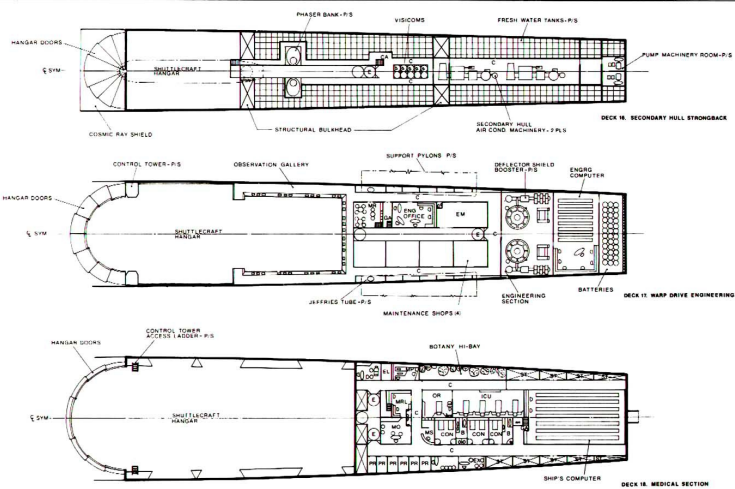
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METERS

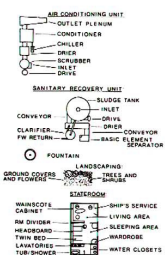
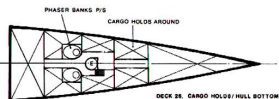
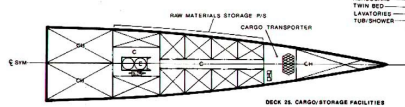
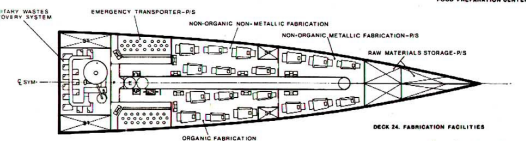
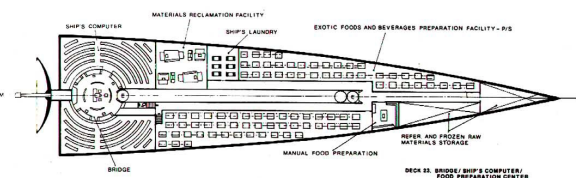
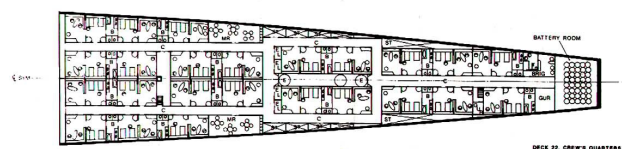
OUTBOARD BOW AND STERN ELEVATIONS

Sheet 4 of 10







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