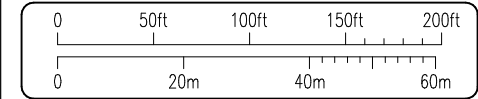
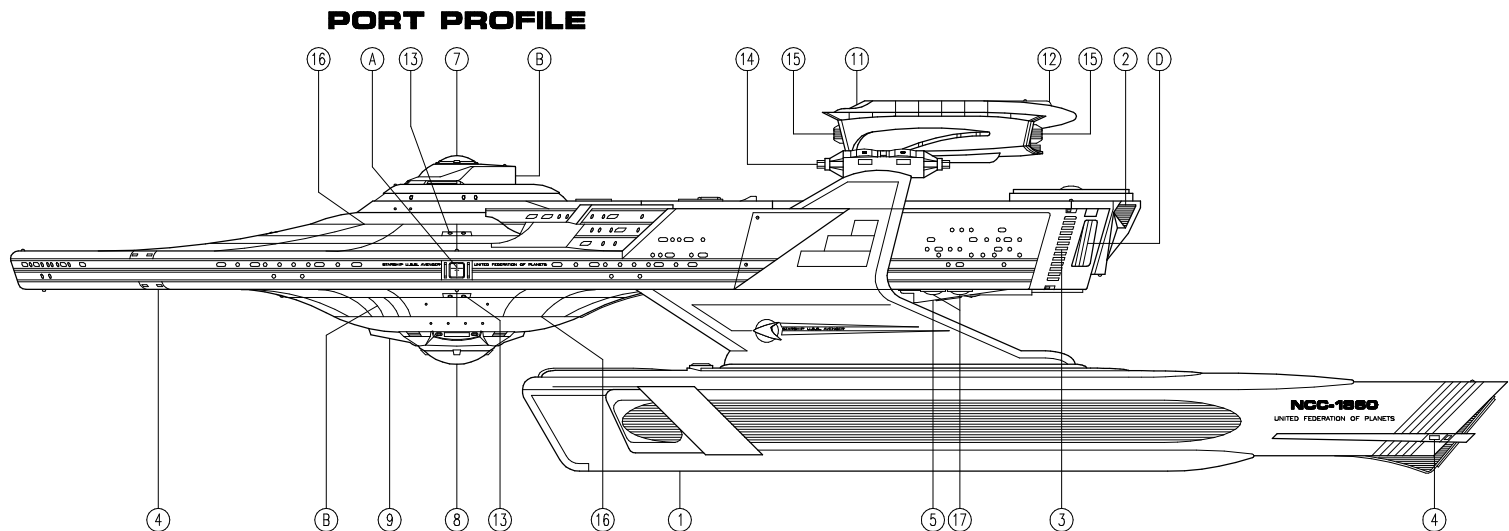
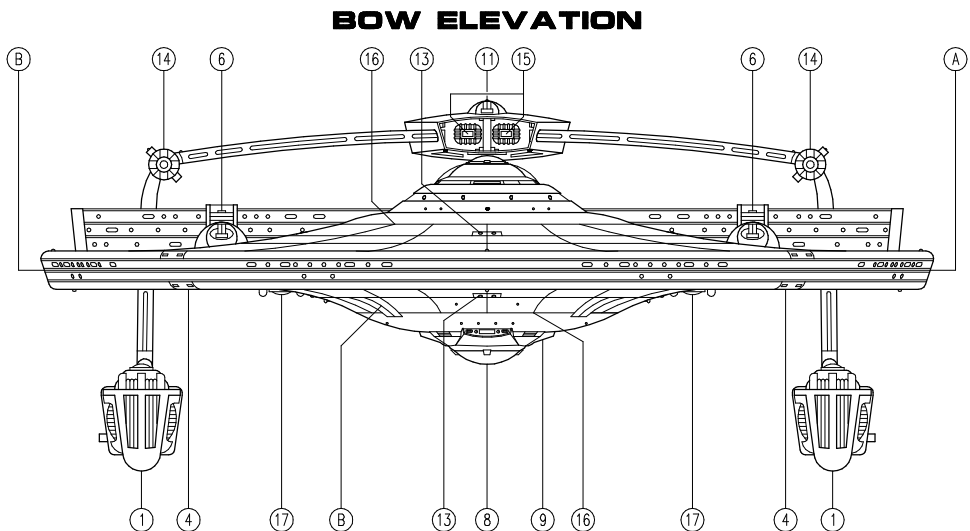
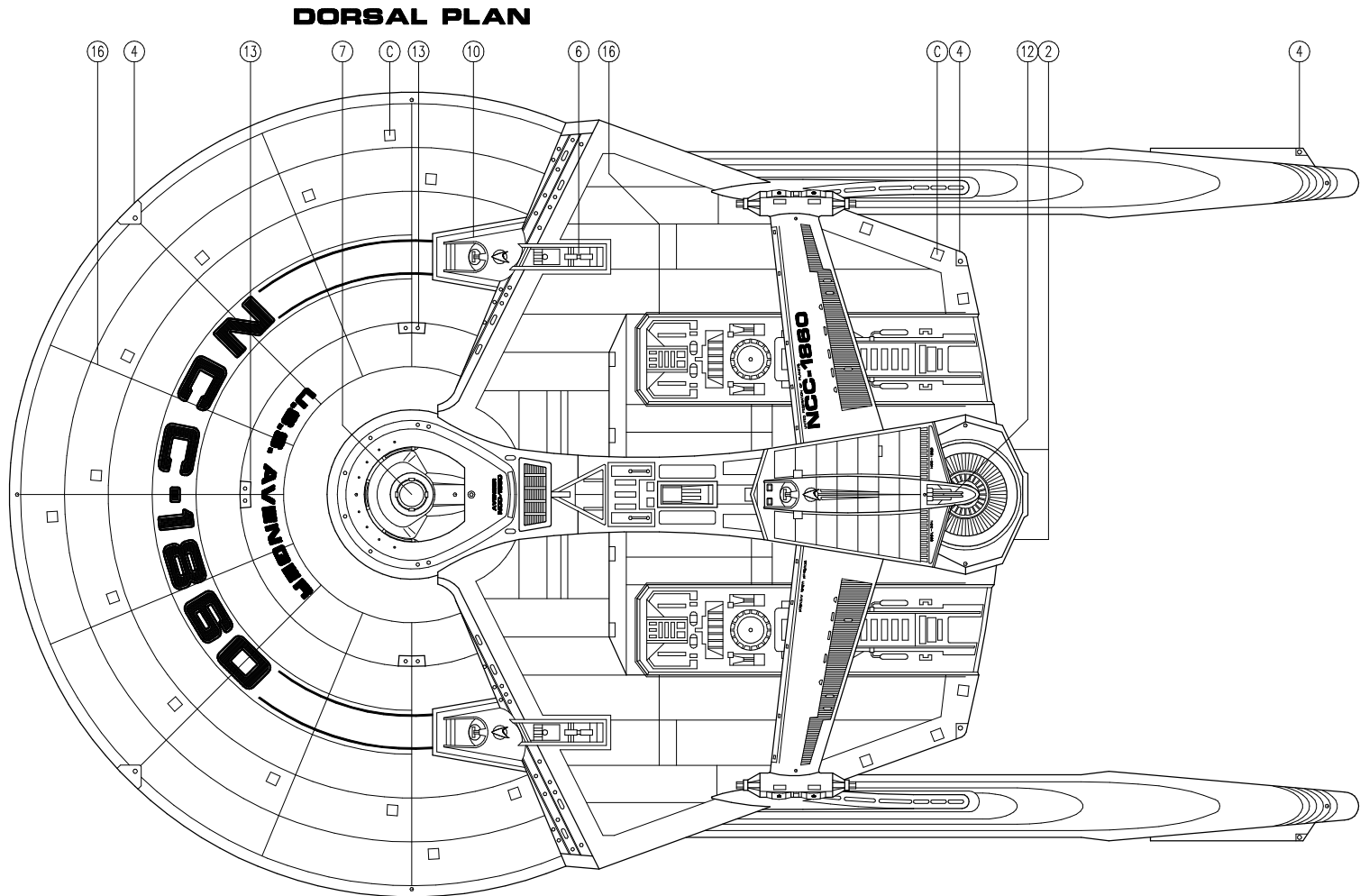


CURRENT SPECIFICATIONS (AVENGER CLASS HEAVY FRIGATE)					ITEM NO.		ITEM NO.	
COMPLEMENT:	360 (91 OFFICERS + 269 CREW MEMBERS)					PROPULSION SYSTEMS:		
						FASTER THAN LIGHT:	TWO (2) LN-64 MOD 3 LINEAR WARP DRIVE UNITS (SYSTEM CONTRACTOR: COCHRANE WARP DYNAMICS – MINOS AL RUIL, ALPHA CENTAURI VII)	1
DISPLACEMENT:	150,000 mt (STANDARD)							
	144,000 mt (LIGHT)					SUBLIGHT:	TWO (2) IP186E/S-IR RST SUBATOMIC UNIFIED ENERGY IMPULSE UNITS (SYSTEM CONTRACTOR: KLORATIS DRIVES CORPORATION – DELTHARA, ALPHA CENTAURI VII)	2
	156,000 mt (FULL LOAD)					ATTITUDE:	EIGHT (8) QASR PARTICLE BEAM ACCELERATOR/MANEUVERING THRUSTERS (SYSTEM CONTRACTOR: SCARBAK PROPULSION SYSTEMS – CAIRO, EARTH)	3
DIMENSIONS:	OVERALL	PRIMARY HULL	NACELLES			DOCKING:	*TRENTIS* PULSED LASER REACTION CONTROL SYSTEM (SYSTEM CONTRACTOR: ORAGE WEK PROPULSION – AKSAJAK, ANDOR)	4
LENGTH:	779ft 8in / 237.6m	588ft 6in / 179.4m	513ft / 156.3m					
BEAM:	465ft / 141.7m	465ft / 141.7m	43ft 2in / 13.2m					
DRAFT:	190ft 2in / 58.0m	108ft 2in / 33.0m	56ft 2in / 17.1m					
						ELECTRONICS:		
VELOCITY:	WARP 7 / 343c (STANDARD)					PRIMARY LOGIC SYSTEM:	DIUTRONIC III PROCESSOR WITH MULTITRONIC M-9 SUPPLEMENT (SYSTEM CONTRACTOR: DAYSTROM DATA CONCEPTS INCORPORATED – LUNAPORT, LUNA)	INTERNAL
	WARP 11 / 1331c (MAXIMUM)					OPERATING SYSTEM:	LCARS (LIBRARY COMPUTER ACCESS & RETRIEVAL SYSTEM) RELEASE 3.7 WITH 2298 PATCH (SYSTEM CONTRACTOR: FARRANTI MNEMONICS – BERKSHIRE, EARTH)	SOFTWARE
ACCELERATION:	TIME	PERFORMANCE				NAVIGATION SYSTEMS:	RAV/ISHAK WARP CELESTIAL GUIDANCE SYSTEM (SYSTEM CONTRACTOR: TLIXIS RAMAB RRB – BALUKAN, CORDIAN III) VERNER SB15 INTEGRATED NAVIGATIONAL DEFLECTOR/SENSOR SYSTEM	SOFTWARE
	6.08 sec	REST-ONSET CRITICAL MOMENTUM					TU 130A FOCUSED FIELD SOURCE DEFLECTORS (2x1) PRIMARY	5
	1.23 sec	ONSET CRITICAL MOMENTUM-WARP ENGAGE					TU 130B FOCUSED FIELD SOURCE DEFLECTORS (2x1) SECONDARY (SYSTEM CONTRACTOR: PENN INDUSTRIES – MERIDIAN CITY, MARS)	6
	0.81 sec	WARP 1 – WARP 4					DN2/4-A PRIMARY (UPPER) NAVIGATION DOME & SENSOR ARRAYS	7
	0.70 sec	WARP 4 – WARP 7					DN4/1-G SUPPORT (LOWER) NAVIGATION DOME (SYSTEM CONTRACTOR: PLESSEY GROUP – ESSEX, EARTH)	8
	2.42 sec	WARP 7 – WARP 11						
DURATION:	5 EARTH YEARS (STANDARD)							
	19 EARTH YEARS (MAXIMUM)							
POWER SYSTEMS:								
PRIMARY:	ONE (1) KR13-M RAISED HULL MATTER/ANTIMATTER REACTOR ASSEMBLY (SYSTEM CONTRACTOR: LEEDING ENGINES LIMITED – EDINBURGH, EARTH)				INTERNAL	SENSORS:	SM49/GJ *EPSILON* MAIN SENSOR ARRAY (SYSTEM CONTRACTOR: ALTO/SEKKULEN IFD – TIBER BASIN, MARS)	9
SECONDARY:	TEN (10) FC90 PLASMA-INDUCED DUAL CHAMBER DEUTERIUM/TRITIUM FUSION REACTOR UNITS (SYSTEM CONTRACTOR: KLORATIS DRIVES CORPORATION – DELTHARA, ALPHA CENTAURI VII)				INTERNAL		QIK-14K PASSIVE/ACTIVE SENSORS (2x1) QIK-14K PASSIVE/ACTIVE SENSOR (SYSTEM CONTRACTOR: BZEVHISTAKIS KOR CONGLESSUM – BORTIS, TELLAR)	10 11
AUXILIARY:	TWO (2) AF2-32 COLD-START DEUTERIUM/TRITIUM FUSION REACTORS (SYSTEM CONTRACTOR: SARLIS – PAR FIR, VULCAN)				INTERNAL		ALQ-111E "PROWLER" ECM/ECCM JAMMING POD (SYSTEM CONTRACTOR: LOCKHEED MARTIN ASTRONAUTICS – TONOPAH, EARTH)	12
CONVERSION:	TWO (2) PEC1100-2-25-FE "SWORDFISH III" PLASMA POWER CONVERTERS (SYSTEM CONTRACTOR: HINDLEPOWER, INCORPORATED – EASTON, EARTH)				INTERNAL			
EMERGENCY:	LOCALIZED COLD FUSION ORDNANCE BATTERIES (SYSTEM CONTRACTOR: ALCAD STANDBY BATTERIES – NEW RALEIGH, PROCYON A-II)				INTERNAL	WEAPON SYSTEMS:		
						STANDARD PHASERS:	SIX (6) RM-12C INDEPENDENT TWIN-MOUNT BANKS (2 FORWARD, 2 PORT & 2 STARBOARD) (SYSTEM CONTRACTOR: AGUSTA ANSADADO INCORPORATED – FUZES, VENUS)	13
						PHASER CANNONS:	TWO (2) *EMPEROR 60* MULTI-DIRECTIONAL PULSE CANNONS (PORT & STARBOARD) (SYSTEM CONTRACTOR: ASAKAZE ORDNANCE SYSTEMS LIMITED – HONSHU-HAMAMATSU, EARTH)	14
						PHOTON TORPEDOES:	AUTOMATED SYSTEM WITH FOUR (4) Mk 22 MOD 1 DIRECT-FIRE TUBES (2 FORWARD & 2 AFT) (SYSTEM CONTRACTOR: SKAT-RAR WEAPON SYSTEMS – EZURUK, ANDOR)	15
	FURTHER SPECIFICATIONS CONTINUED ON SHEET 4							



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TYPE:	HEAVY FRIGATE	LAID DOWN:	11/12/2249
CLASS:	AVENGER	LAUNCHED:	08/19/2251
NAME:	U.S.S. AVENGER	COMMISSIONED:	02/03/2252
REGISTRY:	FH 1860	DRYDOCKED:	12/02/2275
SCALE:	1 : 1200	RELAUNCHED:	02/16/2277
FILENAME:	NCC1860A.DWG	RECOMMISSIONED:	11/03/2277

SAN FRANCISCO FLEET YARDS
STARFLEET DIVISION
SAN FRANCISCO, EARTH

FOR: **UNITED FEDERATION OF PLANETS**
(STARFLEET COMMAND)

SUBJECT: **NAVAL CONSTRUCTION CONTRACT 1860**

