

Voyage Plan Project

Step 3 (Gathering Information)

- Review the Voyage Instructions and use the Stability Calculator to determine our stability characteristics. Print out a copy of your stability calculations.
- Print and fill out the Pilot Card with all required information.
- Make sure that all information is safe

T/S EMPIRE STATE VI					
VESSEL PARTICULARS MMSI: 366891000				CALL SIGN: KKFV	
NAME: EMPIRE STATE			DWT: 14,557 GT		YEAR BUILT: 1962
IMO No. 5264510		VESSEL OWNER UNITED STATES OF AMERICA		VESSEL OPERATOR SUNY MARITIME COLLEGE	
LENGTH: 565ft. (172.2 m)		BEAM: 76ft. (23.16 m)		HEIGHT/RDR MAST: 137ft-11.5in. (42.06m)	
		PORT ANCHOR		STBD ANCHOR	
		11 shots / 990' / 301.83 m		11 shots / 990' / 301.83 m	
MAIN ENGINE SPEC.					
TYPE: STEAM TURBINE, SINGLE SCREW		HORSEPOWER: 17,500 SHP		TIME FULL AHEAD TO FULL ASTERN : 12 min 22 sec	
				BOW THRUSTER : N/A	
				MAX TIME ASTERN: 10min	
MANEUVERING SPEEDS			DOCKING INFORMATION		
ENGINE ORDER	RPM	SPEED (KNOTS)	BRIDGE TO BOW	305' - 00" (92.98 meters)	
FULL THROTTLE	80	17.8	BRIDGE TO STERN	260' - 00" (79.27 meters)	
FULL AHEAD	60	13.3	PROPELLER ROTATION	RIGHT HAND TURNING/4BLADES	
HALF AHEAD	40	8.9	MAXIMUM RUDDER ANGLE	35* RIGHT OR LEFT	
SLOW AHEAD	20	4.4	35* RIGHT TO 35* LEFT	28 SECONDS	
DEAD SLOW AHEAD	10	2.2	CRITICAL RPM	ABOVE 90 RPM	
STOP	0	0	ARRIVAL INFORMATION		
DEAD SLOW ASTERN	-10	--	DRAUGHT FWD	DRAUGHT MID	
SLOW ASTERN	-20	--			
HALF ASTERN	-40	--	DRAUGHT AFT	AIR DRAUGHT	
FULL ASTERN	-60	--			
CHECK WHEN INSPECTED AND READY					
Anchors	x	VHF	x	<div style="border: 1px solid black; padding: 5px; color: red;"> Gear Test has been completed as per 33 CFR 164.25, Solas Ch.V Reg 26, all found in good working order. </div>	
Whistle	x	RPM indicator	x		
X Band Radar	x	GMDSS Station	x		
S Band Radar	x				
Speed log	x				
Engine telegraph	x				
Steering gear	x				
ECDIS	x				
APRA	x				
OTHER INFORMATION:			Master - Pilot Exchange Completed		
Arrival Port:					
Discrepancies:					
Created By: Capt Crews (Revision A) March 2019			Pilot	Master	