



AGENDA AND SCHEDULE

SS JOHN W. BROWN

2022 STEAM SCHOOL #6 NOVEMBER 4-6, 2022

All times are 45 minute discussion, demonstration, experience: 15 minute break

FRIDAY	0800	Ship available for boarding
	0900	Registration and room assignment
	1100	Introduction, staff introduction, safety, ship history (classroom)
	1200	Thermodynamics, ship systems, steam and water cycle (classroom)
	1300	Lunch
	1400	Auxiliary Machinery (classroom)
	1500	Auxiliary Machinery operations (engineroom)
	1600	Auxiliary Machinery operations (engineroom)
	1800	Dinner (onboard)
	1900	Ship Tour

SATURDAY	0700	Continental breakfast
	0800	Boilers, fuel and feed systems (classroom)
	0900	Tour: boiler (engineroom)
	1000	Triple Expansion Reciprocating Steam Engine (classroom)
	1100	Tour-main engine (engineroom)
	1200	Lunch

Guests will be divided into two groups. Groups will rotate.

Time	Group 1	Group 2
1300	Boiler lightoff (ER)	Pump maintenance (#3 Hold)
1400	Pump maintenance (#3 Hold)	Boiler lightoff (ER)

1500	Triple Expansion Engine Part II (classroom)
1600	The Steam Cycle (engineroom)

1800 Dinner (onboard)
1900 Seafarers who Sailed Liberties
Liberty Ship History (classroom)

SUNDAY Guests may participate in the boiler light off/raise steam as they may desire.

0500 Light off boiler, raise steam

0700 Continental breakfast

0830 Overview of days activities, Startup procedures

0900 Shift over to steam, startup steam cycle

Guests will be divided into two groups, one for engine room operations, and one for cargo machinery operations on live steam. Groups will rotate.

0900 (Group 1) Warm up the main engine. Roll the main engine- engine room operations, boiler chemistry. (Group 2) Steam on deck. Cargo machinery operations -cargo winches

1000 Watch change

1100 Steering Gear Demonstration (steam)- Group 2

1130 Lunch

1230 (Group 2) Warm up the main engine. Roll the main engine- engine room operations, boiler chemistry. (Group 1) Steam on deck- Cargo machinery operations-cargo winches

1400 Steering Gear Demonstration (steam)- Group 1

1430 Shutdown steaming operations (all Group, watch)

1500 Closeout, farewell, questionnaire. Course completion certificate.

Optional Sunday night on-board accommodations for those guests pre-registered

1800 Dinner (onboard)

MONDAY 0700 Continental breakfast

0900 Departure for all guests