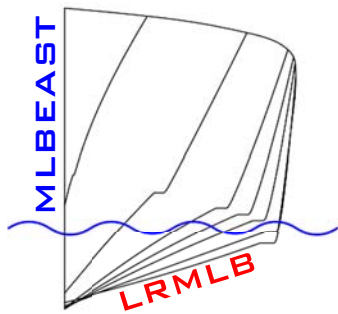


# MLBEAST

U.S. COAST GUARD MOTOR LIFEBOAT



## DESIGN HIGHLIGHTS

- 500 NM RANGE
- SELF-RIGHTING IN UNDER 30 SECONDS
- M240 AUTOMATIC WEAPON MOUNTS
- ENCLOSED PILOTHOUSE ARRANGED WITH 360° VISIBILITY
- CG P-6 PUMPS
- DAVITS PORT AND STARBOARD WITH 500 LB SWL
- FOUR LONG GUNS
- INTEGRATED SWIM PLATFORM AND LADDER COMBINATION

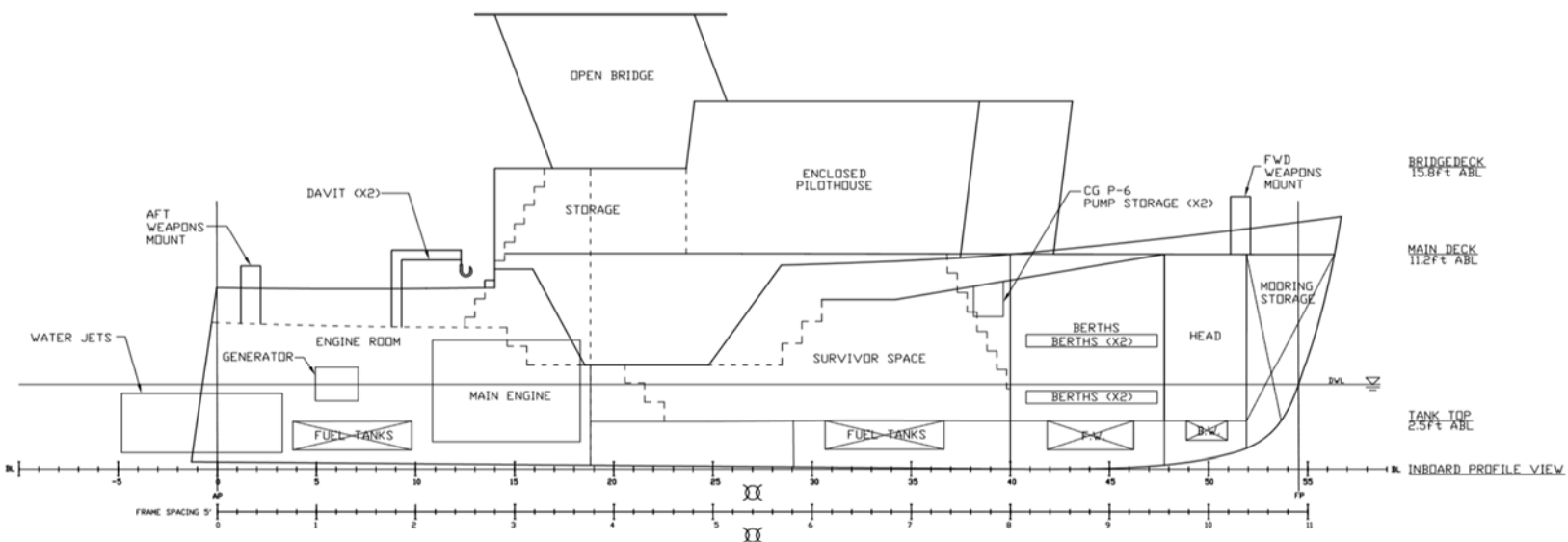
## TECHNICAL SPECIFICATION

LOA: 57 FT  
BEAM: 17 FT  
DEPTH: 8 FT  
DRAFT, DESIGN: 3.24 FT  
MAX SPEED: 25 KTS  
CRUISING SPEED: 20 KTS  
PATROL SPEED: 8 KTS  
COMPLEMENT: 4  
MAX CAPACITY, EMERGENCY: 34  
ENDURANCE, EMERGENCY: 72 HRS  
SERVICE LIFE: 30 YEARS

## MISSION

TO REPLACE THE U.S. COAST GUARD FLEET OF 52-FOOT SPECIAL PURPOSE CRAFT-HEAVY WEATHER (SPC-HWX), CONDUCT FAST-RESPONSE OFFSHORE SEARCH & RESCUE MISSIONS INCLUDING TOWING AND PERSONS IN WATER (PIW) RECOVERY, SELF-RIGHT IN 30 SECONDS OR LESS IF KNOCKED DOWN BY WAVES OR SURF, AND SERVE AS A SAFE & STABLE PLATFORM TO PROVIDE THE COAST GUARD WITH AN ASSET THAT CAN RESPOND QUICKLY TO AN EMERGENCY.

KEVIN BECKER, TONI-MARIE GOSSAGE, KYLE OLIVER



## ENGINE

- TWO CATERPILLAR C32 DIESEL ENGINES
- MEETS TIER 3/IMO II STANDARDS

## RULES AND REGULATIONS

- BUREAU VERITAS, NR396, RULES FOR THE CLASSIFICATION OF HIGH SPEED CRAFT.
- BUREAU VERITAS, NR566, HULL ARRANGEMENT, STABILITY AND SYSTEMS FOR SHIPS LESS THAN 500 GT.
- NAVIGATION, ACCOMMODATION, LIFESAVING APPLIANCES, AND FIREFIGHTING SYSTEMS IN ACCORDANCE WITH THE IMO'S HSC CODE AND 46 CFR.

## HULL

- ALUMINUM ALLOY: 5083 PLATING, 6082 STIFFENERS
- PARENT HULL: 47' USCG MOTOR LIFEBOAT

## AUXILIARY FEATURES

- FORTRESS MARINE ANCHOR FX-125
- LIFE SUPPORT INTERNATIONAL STOKES LITTER
- DATREX LIFEJACKETS (x35)
- WEST MARINE HVAC SYSTEM

## PROPULSION AND MANEUVERING

- TWO HAMILTON HM422 WATERJETS

# MEET THE TEAM: *MLBEAST*



## KEVIN BECKER

KEVIN IS FROM MANHASSET, NY. HE HAS WORKED AT NASSCO, KEY LAKES SHIPPING, AND THAYERMAHAN. KEVIN ENJOYS 3D PRINTING AND PLANS TO PURSUE MARITIME ROBOTICS AFTER HIS TIME AT WEBB.



## TONI-MARIE GOSSAGE

TONI-MARIE IS FROM HILLSDALE, MI. SHE HAS WORKED AT AUSTAL USA, ABOARD THE MV CAPE HENRY, AND AT HOCKEMA GROUP. TONI-MARIE ENJOYS SAILING, LIFEGUARDING, AND FISHING. AFTER WEBB, TONI-MARIE PLANS TO ATTEND LAW SCHOOL TO PURSUE A DEGREE IN MARITIME LAW.



## KYLE OLIVER

KYLE IS FROM COCONUT CREEK, FL. HE HAS WORKED AT WESTPORT YACHTS, ABOARD THE USS CAPE HORN, AND AT GULF MARITIME REPAIR. KYLE ENJOYS SWIMMING, HIKING, FISHING, AND PROGRAMMING. AFTER WEBB, KYLE HOPES TO BECOME A SHIPYARD ENGINEER.

