

GENERAL DYNAMICS

nasco

20 February 1962 11:17 GMT

Launch Site: Cape Canaveral

Launch Complex: LC11

Launch Vehicle: Atlas

Model: Atlas D. IV

Configuration: Atlas D 109D



FIRST DAY OF ISSUE

**USNS *John Glenn* (MLP 2)
Christening Ceremony
February 1, 2014**



Music
Grand Pacific Band

**USNS John Glenn (MLP 2)
Christening Ceremony Program**

Presentation of Colors
Marine Corps Recruit Depot San Diego Color Guard

Soloist
Mr. David P. Hannasch, M. Ed.

Invocation
Lieutenant Daniel J. McGrath, CHC, USN, Ship's Company Chaplain, USS Essex (LHD 2)

Host
Mr. Fred Harris, President, General Dynamics NASSCO and General Dynamics Bath Iron Works

Remarks
Mr. Kevin M. Graney, Vice President and General Manager, General Dynamics NASSCO
Rear Admiral Thomas K. Shannon, USN, Commander, Military Sealift Command
Lieutenant General John A. Toolan Jr., USMC, Commanding General, I Marine Expeditionary Force
The Honorable Sean Stackley, Assistant Secretary of the Navy for Research, Development and Acquisition

Principal Speaker
Admiral Jonathan Greenert, USN, Chief of Naval Operations

Namesake Address
The Honorable John H. Glenn

Sponsor
Ms. Lyn Glenn

Matron of Honor
Dr. Karen Fagerstrom

Flower Girl
Miss Victoria Rojas, daughter of Jesus Rojas, Manager of Steel, General Dynamics NASSCO

Master of Ceremonies
Ms. Sarah Strang, General Dynamics NASSCO





*Ms. Lyn Glenn
Sponsor*

Lyn Glenn is the daughter of the Honorable John Glenn and his wife, Annie. A true American hero, Senator Glenn is the former United States Senator from the state of Ohio, a Mercury and Space Shuttle Discovery Astronaut, and the namesake of the Navy's second Mobile Landing Platform, USNS *John Glenn* (MLP 2).

After receiving a degree from Stanford University, Lyn has lived an eclectic life, serving as an environmental researcher and writer, political activist, refugee advocate, and chemical dependency and family counselor. Her other interests include creating glass, acrylic, and fiber art; traveling; listening to books on her Nano; and exercising. Lyn currently lives in Minnesota and is very grateful to be in San Diego in February. She would like to thank the U.S. Navy for the honor of serving as sponsor of USNS *John Glenn* (MLP 2).

Karen Fagerstrom is the daughter-in-law of the Honorable John Glenn and his wife, Annie, and the sister-in-law of Lyn Glenn, sponsor of USNS *John Glenn* (MLP 2). Karen and her husband, Dr. David Glenn, live in Berkeley, California. They have two grown sons, Daniel and Zach.

Dr. Fagerstrom, a clinical psychologist, received her doctoral degree from George Washington University and completed pre and post doctoral training at Langlely Porter Institute, University of California, in San Francisco and the Judith Wallerstein Center for the Family in Transition. In her professional life, Dr. Fagerstrom has worked primarily with separating and divorcing couples and their children, providing diagnostic, consultation and counseling services during and following divorce. Her work with children has also extended to many years of involvement as board member and program director with Global Children's Organization, a nonprofit humanitarian organization which provided restorative summer camp programs (1994-2011) to children in Croatia and Bosnia Herzegovina who suffered as victims of war and regional violence during the years of active conflict and post war reconstruction.

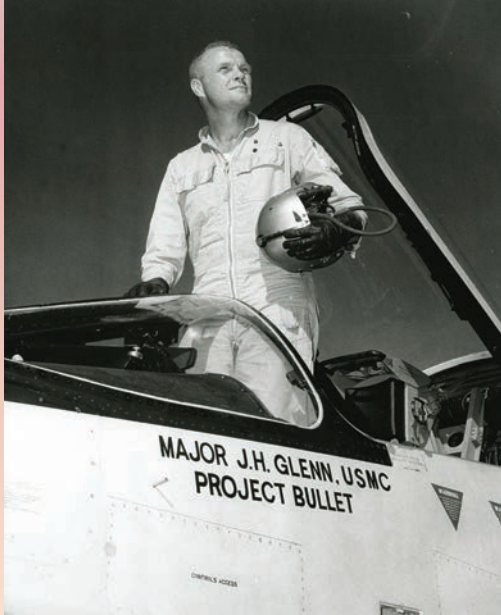
Karen is honored and grateful to be on hand at the very special occasion of the christening of USNS *John Glenn* (MLP 2).



*Dr. Karen Fagerstrom
Matron of Honor*

The Honorable John H. Glenn

John Hershel Glenn was born on July 18, 1921 in Cambridge, Ohio. During his early childhood, the family moved to New Concord, Ohio, where he attended primary and secondary school. After graduation from New Concord High School, Glenn enrolled in Muskingum College and began flying lessons at the New Philadelphia airport, earning his pilot's license in 1941. Following Pearl Harbor, he left college and enlisted in the Naval Aviation Cadet Program. He was commissioned in the Marine Corps in 1943. Glenn was awarded a bachelor of science degree in engineering from Muskingum in 1962.



Project Bullet- first flight to average supersonic speeds



John H. Glenn

During his World War II service, Glenn flew 59 combat missions in the South Pacific. Following the war, he remained in the military as a Marine pilot and served as an instructor in advanced flight training. During the Korean conflict, he flew 63 missions with Marine Fighter Squadron 311 and 27 missions as an exchange pilot with the Air Force.

Senator Glenn holds the Air Medal with 18 clusters for his combat service and has been awarded the Distinguished Flying Cross on six occasions. He is the recipient of numerous other honors, including the Congressional Space Medal of Honor, the Congressional Gold Medal, and the Presidential Medal of Freedom.

In 1954, Glenn won an assignment as a Marine test pilot and, in 1957, set a transcontinental speed record for the first flight to average supersonic speeds from Los Angeles to New York. In 1959, he was selected to be one of seven NASA Mercury Astronauts from an original pool of 508 candidates. On February 20, 1962, he made history as the

first American to orbit the Earth. In a five hour flight he flew three orbits and returned home to a hero's welcome.

Senator Glenn retired from the Marine Corps as a colonel in 1965, becoming a business executive with Royal Crown Cola, serving first as a member of the board of directors and then as president of Royal Crown International. During this time, he took an active part in Democratic politics and early environmental protection efforts in Ohio.

In 1974, Senator Glenn was elected to the United States Senate, carrying all 88 counties in Ohio. He was reelected in 1980 with the largest margin of votes in Ohio history. Ohioans returned him to the Senate for the third time in 1986 and in 1992 he again made history by being the first popularly elected senator from Ohio to win four consecutive terms. He retired at the end of his term in January 1999.

Senator Glenn returned to space from October 29 to November 7, 1998 as a member of NASA's Space Shuttle *Discovery* mission STS-95, during which the crew supported 83 research payloads and investigations on space flight and aging. He is the oldest person to have flown in space. During that mission, Glenn made 134 Earth orbits in 213 hours and 44 minutes.

In October 1997, Senator Glenn announced that his papers, documenting his full career, would be archived at the Ohio State University. In September 1998, Ohio State announced the establishment of the John Glenn Institute for Public Service and Public Policy at the university. In July of 2006, the Institute merged with Ohio State's School of Public Policy and Management to form the John Glenn School of Public Affairs.

Senator Glenn has been married to Anna (Annie) Margaret Castor since 1943. They have a son, Dave, and a daughter, Lyn, and two grandchildren, Daniel and Zach.



Senator Glenn meeting with President Carter



President Obama awards John Glenn with Medal of Freedom, May 29, 2012



Mr. Frederick J. Harris
*President,
General Dynamics NASSCO
and General Dynamics
Bath Iron Works*

Mr. Frederick J. Harris became president of General Dynamics Bath Iron Works on November 4, 2013 and has served as president of NASSCO and a vice president of General Dynamics Corporation since January 1, 2006. Prior to that, Mr. Harris was the senior vice president of programs at General Dynamics Electric Boat, where he was responsible for the execution of all submarine design, construction and repair programs.

Mr. Harris began his shipbuilding career in 1973 as a senior engineer for Electric Boat's Trident ballistic missile submarine program. For his accomplishments later as program manager of the Virginia-class submarine design phase, Mr. Harris received the Maine Maritime Academy Outstanding Alumni Award for the Year 2000 and, in 2002, received the annual William M. Kennedy Award from the Society of Naval Architects and Marine Engineers.

In 2003, he was included on the Maine Maritime Academy's Wall of Honor for his accomplishments in the marine field. He was the 2010 recipient of the Harold E. Saunders Award, given by the American Society of Naval Engineers, for his significant contributions to naval engineering. In 2012, Mr. Harris received the 2012 SNAME Vice Admiral "Jerry" Land Medal for outstanding accomplishment in the marine field.

Mr. Harris was born in Framingham, Massachusetts. A 1963 graduate of Hopkinton High School, he graduated from the Maine Maritime Academy in 1967 with a bachelor's degree in marine engineering. He sailed for several years as a U.S. merchant marine, notably aboard the U.S. registered *SS Transglobe*, the most decorated American merchant ship of the Vietnam War. He holds a Coast Guard chief engineer's license of unlimited horsepower. In 1972, he received a master's degree in business administration from Babson College, graduating with distinction.

Mr. Kevin M. Graney became vice president and general manager for General Dynamics NASSCO in November 2013. He is responsible for NASSCO's overall strategic direction and production operations. He had previously served as NASSCO's vice president of operations since January 2013.

Kevin Graney began his shipbuilding career with General Dynamics Electric Boat in 1995, as a senior engineer, working on the high-speed turbine generator set for the Virginia-class submarine. He was then assigned as a fluid systems supervisor, working with Newport News Shipbuilding to design the reactor plant fluid systems of the next-generation aircraft carrier – the CVN 78 program. He later managed a team of Electric Boat designers and engineers in the development of fluid systems for the British Astute-class submarine program. After working on the British submarine program, he became the program manager of capital projects and metrics in the Virginia-class submarine program office. He joined NASSCO in January 2006 as director of quality assurance and was promoted to vice president of engineering in July 2007. In 2010 Graney assumed the post of vice president of programs.

Mr. Graney was born in Cheektowaga, New York, in January 1964. He earned a bachelor's degree in marine engineering and nuclear science from State University of New York Maritime College in 1986. Upon graduation, he was commissioned as a naval officer and served aboard submarines and as an instructor at Nuclear Power Training Unit Ballston Spa in New York.



***Kevin M. Graney
Vice President and General Manager
General Dynamics NASSCO***



*Admiral Jonathan W. Greenert, USN
Chief of Naval Operations*

Admiral Jonathan W. Greenert is a native of Butler, Pennsylvania. He graduated from the U.S. Naval Academy in 1975 and completed studies in nuclear power for service as a submarine officer. His career as a submariner includes assignments aboard USS *Flying Fish* (SSN 673), USS *Tautog* (SSN 639), Submarine NR-1 and USS *Michigan* (SSBN 727 - Gold Crew), culminating in command of USS *Honolulu* (SSN 718) from March 1991 to July 1993.

Admiral Greenert's subsequent fleet command assignments include Commander, Submarine Squadron 11; Commander, U.S. Naval Forces Marianas; Commander, U.S. 7th Fleet; and Commander, U.S. Fleet Forces Command.

Admiral Greenert has served in various fleet support and financial management positions, including Deputy Chief of Naval Operations for Integration of Capabilities and Resources (N8); Deputy Commander, U.S. Pacific Fleet; Chief of Staff, U.S. 7th Fleet; Navy Programming Branch Head and Director, Operations Division Navy Comptroller. Most recently, he served as the 36th Vice Chief of Naval Operations.

Admiral Greenert is a recipient of various personal and campaign awards, including the Distinguished Service Medal (six awards), the Defense Superior Service Medal, and the Legion of Merit (four awards). In 1992, he was awarded the Vice Admiral Stockdale Award for inspirational leadership. He considers those awards earned throughout his career associated with unit performance to be most satisfying and representative of naval service. Admiral Greenert became the 30th Chief of Naval Operations on September 23, 2011.

Mr. Sean Stackley assumed the duties of Assistant Secretary of the Navy for Research, Development & Acquisition in July 2008. As the Navy's Acquisition Executive, he is responsible for the research, development and acquisition of Navy and Marine Corps platforms and warfare systems which includes oversight of more than 100,000 people and an annual budget in excess of \$50 billion.

Mr. Stackley began his career as a surface warfare officer, serving in Engineering and Combat Systems assignments aboard USS *John Young* (DD 973). Upon completing his warfare qualifications, he was designated as an engineering duty officer and served in a series of industrial, fleet, program office and headquarters assignments in ship design and construction, maintenance, logistics and acquisition policy, including tours as the program manager for the Navy's LPD 17 program, production officer for USS *Arleigh Burke* (DDG 51), and project Naval architect overseeing the structural design for the Canadian Patrol Frigate, HMCS *Halifax* (FFH 330). Prior to his appointment as ASN RD&A, he served as a professional staff member of the Senate Armed Services Committee.

Mr. Stackley was commissioned and graduated with distinction from the United States Naval Academy in 1979 with a Bachelor of Science degree in Mechanical Engineering. He holds the degrees of Ocean Engineer and Master of Science, Mechanical Engineering from the Massachusetts Institute of Technology. Mr. Stackley earned certification as a professional engineer, Commonwealth of Virginia, in 1994.



*The Honorable Sean Stackley
Assistant Secretary
of the Navy for
Research, Development
and Acquisition*

Rear Admiral Thomas Shannon is the commander of Military Sealift Command. He graduated from Maine Maritime Academy in 1982 with a bachelor of science in nautical science, and was commissioned through the Naval Reserve Officers Training Corps program. He attended the Naval War College and received a Master of Arts degree in National Security and Strategic Studies in March 1998.

Rear Admiral Shannon served afloat in USS *Jack Williams* (FFG 24), USS *Nicholson* (DD 982), and USS *Boone* (FFG 28). Afloat staff duty includes chief staff officer in Destroyer Squadron 14 and surface operations officer in Cruiser Destroyer Group 12. He was commanding officer of USS *De Wert* (FFG 45) and then of USS *Vicksburg* (CG 69) and air defense commander for the John F. Kennedy Battle Group. From November 2011 to February 2013, he served as commander of Carrier Strike Group One.

Ashore, Shannon's assignments included duty as assistant professor of Naval Science at the University of Texas at Austin; section head in Navy's Joint and Contingency Matters Branch; section head in Navy's Surface Fires Branch; executive assistant to the Director, Surface Warfare; Pacific Command division chief in the Joint Staff, J-3 Directorate; service on the Office of the Secretary of Defense staff; and U. S. Pacific Fleet deputy chief of staff for Operations, Training and Readiness.

Rear Admiral Shannon's awards include the Defense Superior Service Medal, Legion of Merit, Meritorious Service Medal, Joint Service Commendation Medal, Navy and Marine Corps Commendation Medal, Navy and Marine Corps Achievement Medal, and various service medals and unit awards.



***Rear Admiral Thomas K. Shannon, USN
Commander
Military Sealift Command***

Lieutenant General John A Toolan, Jr. was commissioned in October 1976. His early assignments included Infantry Officer with 1st Battalion, 9th Marines; Company Commander, 2nd Battalion, 7th Marines; Marine Officer Instructor at the University of Pennsylvania; Staff Secretary to the II Marine Expeditionary Force in Camp Lejeune; and Operations Officer and Executive Officer, 2nd Light Armored Infantry Battalion. While attached to the Carolina Marine Air-Ground Task Force, he supported Operations *Desert Shield* and *Desert Storm*. He then commanded 3rd Light Armored Reconnaissance Battalion, "Wolfpack."

Following Battalion command, Lieutenant General Toolan attended the Air Force War College and was subsequently assigned as the Deputy J5 at Supreme Allied Headquarters, Belgium, where he supported Operation *Allied Force*. He commanded Weapons and Field Training Battalion in Camp Pendleton and joined the 1st Marine Division as the Operations Officer for Operation *Iraqi Freedom*.

Lieutenant General Toolan commanded Regimental Combat Team (RCT) 1 in the march up to Baghdad, returning to Al Anbar Province, Iraq for Operation *Iraqi Freedom II*. He held assignments as Director, Marine Corps Command and Staff College; Principal Director for Asia/Pacific Affairs, Office of the Under Secretary of Defense for Policy; and Deputy Commander, U.S. Forces, Japan. He subsequently served as the Commander of the 2nd Marine Division, and deployed as the Commanding General, II MEF (Fwd) to Helmand Province, Afghanistan for duties as Commander, Regional Command (South West). In September 2012, he assumed command of I Marine Expeditionary Force.



*Lieutenant General
John A. Toolan Jr., USMC
Commanding General,
I Marine Expeditionary Force*

USNS *John Glenn* (MLP 2)

Designed and built by General Dynamics NASSCO

Mission: The MLP is designed to serve as a transfer point between large ships and small landing craft and act as a floating base for amphibious operations to allow equipment and cargo to be delivered from ship to shore when there are no friendly bases available.



Start of Construction
April 17, 2012



Construction
February 2, 2012



Keel Laid
December 4, 2012



Construction
June 6, 2013

Design Particulars:

Length: 239 Meters (785 ft.)

Beam: 50 Meters (164 ft.)

Sustained Speed >15 knots

Endurance over 9,500 NM at 15 knots

Propulsion: Twin screw diesel electric

4 MAN/B&W medium speed diesel main engines

24 MW diesel electric plant

2 MW azimuthing bow thruster



Construction
June 6, 2013



Sea Trials
January 10, 2014



Floatout
September 15, 2013



Sea Trials
January 9, 2014

The Montford Point Class (MLP) The U.S. Navy's Pier at Sea

The MLP, designed by General Dynamics NASSCO, is a new class of auxiliary ship for the Navy, which will be operated by the Military Sealift Command. Once delivered to the fleet, these ships will join Maritime Prepositioning Force squadrons that are strategically located around the world to enable rapid response in a crisis. These vessels will change the way the Maritime Prepositioning Force operates. MLPs will provide a “pier at sea” that will become the core of the Navy and Marine Corps seabasing concept.

This capability will allow prepositioning ships like Large, Medium-speed, Roll-on/Roll-off Ships (LMSRs) and Dry Cargo/Ammunition ships (T-AKEs) to offload equipment and supplies to the MLP for transshipment to

shore by Landing Craft Air Cushioned vessel (LCACs) or other vessels. MLP ships will be 239 meters (785 feet) in length and 50 meters (164 feet) in beam, with a design draft of 12 meters (39.37 feet). The deadweight tonnage is in excess of 60,000 metric tons.

The Mobile Landing Platform is being developed to provide capability to the U.S. military for large-scale logistics movements from sea to shore without dependency on foreign ports, delivering a flexible platform to support the Maritime Prepositioning Ship Squadrons. The first ship, USNS *Montford Point* was delivered to the Navy on May 14, 2013 and will be operational in fiscal year 2015.

The platform in its basic form possesses add-on modules that support a vehicle staging area, side-port ramp, large mooring fenders and up to LCAC lanes to support its two core requirements.

Ship utility services support to the mission deck will enable the flexibility to incorporate potential future platform upgrades which could include additional capabilities such as berthing, medical, command and control, mission planning, vehicle transfer system, a connected replenishment, a container handling crane and an aviation operating spot.

The Navy worked very closely with NASSCO to identify cost savings early in the MLP design work while pursuing a concurrent design and production engineering approach. These efforts ensured a high degree of design and production-planning maturity prior to the start of construction to minimize cost and schedule risk, and has resulted in a very stable design.



NASSCO Movers & Shakers

It is a NASSCO tradition to formally recognize several of those employees whose dedication and hard work was especially noteworthy. The following employees are honored for the construction of MLP 2 and the delivery of MLP 1:

MLP 2 Construction

Richard Adams, MLP 2 Ship Manager (NASSCO)
Marianne Escoto, Senior Planner/Scheduler (NASSCO)
Gerardo Herrera, Electrician (NASSCO)
Juan Mandujano, Supervisor Production (NASSCO)
Juan Palomarez, Fitter/Ship Working Foreman (NASSCO)
Kenneth Prye, Supervisor Production (NASSCO)
Chris Rathbun, Area Manager 1 (NASSCO)
Luis Rostro, Maintenance Machinist (NASSCO)
Frank Russell, Dockmaster (NASSCO)
Fernando Valenzuela, Supervisor Engineering (NASSCO)
Alfredo Villegas, Outside Machinist (NASSCO)
Jose Zuniga, Painter (NASSCO)
Isaac Adolpho, General Manager NASSCO Operations
(U.S. Joiner, LLC)

MLP 1 Delivery

Geoff Hunt, MLP 1 Ship Manager (NASSCO)
Marcos Agagas, Electrician Working Foreman (NASSCO)
Ian Busch, Manager Initial Design Naval Architect (NASSCO)
Michael Cameron, Pipefitter (NASSCO)
Bill Casey, General Supervisor II (NASSCO)
Sean Collins, Subcontracts Administrator (NASSCO)
Jose Flores, Maintenance Machinist (NASSCO)
Manuel Garces, Painter (NASSCO)
Fernando Madrigal, Fitter/Ship (NASSCO)
Matias Montano, Pipefitter (NASSCO)
Arnold Rietz, Burner (NASSCO)
Mitch Pawlowski, Principal Systems Engineer
(Raytheon Integrated Defense Systems)



Acknowledgements

Start of Construction Honoree: Lisa Lynn Fuller

Keel Honorees: Mrs. Helen Toolan and Ms. Lyn Glenn

Program images courtesy of the National Archives and NASA

Ship construction photos by Ken Wright, NASSCO staff photographer

3D renderings by Bernardo Vasquez, Designer 2

Program design by Allyson Darroch, Multimedia /Visual Information Designer

General Dynamics NASSCO

GENERAL DYNAMICS
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USNS John Glenn
(MLP 2)