John Hodges was and Engineer who was involved in the conversion of USS Saipan CVL48 to USS Arlington. The conversion was originally supposed to make Saipan a Mobile Command Ship for the President to use in the event of a national emergency. This was fine while John F. Kennedy, (a Navy man) was President, but after he was killed in Dallas, and Lyndon Johnson became President, everything changed. John Hodges was a graduate of Auburn University and had spent 8 years in the USNR as a QM2. After graduation, he was assigned to follow the towing of Saipan to Mobile, Alabama and remained a member of the project team working with Supships and the naval inspectors from Ingalls Shipyard in the conversion. With the death of President Kennedy the project was put in limbo because it was said that Lyndon Johnson, after reviewing the project said he would go to Texas and not to sea in a crisis. The project was put on hold and eventually Saipan was converted to a communications ship and designated AGMR3. Mr. Hodges left the project at this time but his memories were interesting and will be printed in a series of articles.

## BACKGROUND ON THE SHIPYARD

The Alabama Dry Dock and Shipbuilding Company (ADDSCO) ventured into its first modern U. S. Navy contract in the 60's when it bid on a conversion taking the inactive USS Saipan CVL48 to a CC type vessel. The "Yard" as ADDSCO was affectionately known in Mobile, Alabama, and all along the gulf coast had been a commercial, privately owned shipyard since the mid 1900's Employment ebbed and flowed with the nation's economy and was known for supplementing the income of many farmers who worked when business was good.
World War 2 created the need for ships to support the war effort and ADDSCO became one of may shipyards specializing in the construction of Liberty Ships.
There is nothing like success to spur a company to expand its horizons and ADDSCO was no different. It started bidding on U. S. Navy contracts about 1956 and performed a number of repairs on Navy ships, one being the USS Card, a small escort carrier that later carried personnel and aircraft to Viet Nam. ADDSCO submitted a bid and was awarded the contract to convert the Saipan to a "Command Ship" type vessel designated as the CC3. This concept was the result of the USSR threat of atomic attack and it was to be one of the safe havens the President (JFK at the time) and other leaders could go to in time of crisis. Little did ADDSCO know that this contract would present some unique challenges. A lot different than commercial work. A project team was formed and was made up of veteran employees. I was the sole "rookie" assigned to the group. JD Buffett, the father of Jimmy Buf-
fett of Margaritaville fame was one of the senior members. From the start, we knew we would have a fast learning curve.
The Saipan was towed from the Philadelphia Navy Yard where she had been in mothballs since 1957 to ADDASCO's location on the north end and east side of the Mobile river. It was the largest aircraft carrier to ever navigate the Mobile River under tow or otherwise. I believe that holds true to this day. Upon it's arrival on March 20, 1963 it was made fast to its own designated pier located at the south end of the yard and away from most of the commercial work. Following an inspection for safety reasons, a close look was made by supervision and deemed to be in great shape. It was obvious the ship had received excellent care from the crew members who populated her in her prior life as a CVL. If memory serves, most if not all the electronics and like equipment had been removed. The flight deck still had it's teak wood in place and the hangar deck was empty. (I did find an ash tray made from a $5 " 38$ shell casing which I still have so if any crew member claims it I will send it to him.) We felt that the ship should be offloaded of any fuel oil or water as soon as possible. The off loading of the bunker C oil proved to be a formidable task because the yard personnel were not familiar with the tank locations on a cruiser hull. This leads to an interesting story. Soon after this oil problem presented itself, I happened to stop at a service station near my home in Mobile. This was before the days of self service so a salty looking fellow wearing a beat up USN issue foul weather jacket and a cap, both stained with oil, came out to my car. It turned out he was a retired MMC and had been an oil king. Needless to say, we hired him in a big hurry and he made the offloading look easy. His expertise pointed out to us the need to employ those with USN time.

From the very beginning we knew Supships at Ingalls shipyard located in Pascagoula, Mississippi would have oversight in the Saipan's conversion. Ingalls had been building nuclear subs and surface vessels for the Navy for some years and had a wealth of experience with USN construction. (USS Saipan LHA2 was built at the Ingalls Yard) We were fortunate to have Supships personnel assigned to the conversion on a permanent basis, both regular USN personnel and civilian federal employees. These folks brought the kind of expertise we lacked and they were welcomed by the project group with open arms.

To be continued in the next issue of Saipanorama

## Part 2 Continued from the last issue. CONVERTING SAIPAN TO ARLINGTON

The $\$ 11$ million conversion included a number of subcontractors who would supply specialized support services not available at ADDSCO. The largest was the J. J. Henry of Philadelphia. A naval architect and marine engineering company. Space was needed to house the Henry employees (this was before Computer Assisted Drawings (CAD) so lots of drawing beard space was required). Also, for others connected with the conversion. One of them being a company to deal with identifying the spare parts found on the ship. To get this space an old maritime building left over from WWII was reconditioned and we all moved in.
There were no USN personnel on site at this time except for the officers commuting from Ingalls-Supships and a few civilian Supship employees who would also commute daily from Pascagoula. The emphasis was placed on inspections and surveys of the hull items and machinery (electrical would come later) so Supships assigned a Quality Assurance Inspector to each and an ADDSCO Manager for the conversion and got to know everyone very well as a result of this assignment. I matured rapidly.
J. J. Henry's job was to provide finished designs as per the specifications for Supship's approval and eventually working field prints. Much of the design work would be based on the prints from the conversion of USS Wright CVL49 to CC2. As prints were verified it was determined what actually existed did not agree with the Saipan prints. In addition, huge amounts of spare parts and all kinds of gear were discovered aboard the ship, including lots of adult reading material. All of this material (except the reading matter) would be off loaded and moved to a dedicated warehouse to await its fate.
Work started on opening and inspecting every tank on the ship and certain machinery was also opened. Eventually, every tank would be entered, inspected, cleaned, repaired, painted and tested. The condition of the tanks was the first obvious reflection of the ship's age. Many cracks were discovered requiring a great deal of welding repairs. Accustomed to commercial work, the yard personnel were amazed at the number of tanks they had to work.
The Hangar Deck. The CC3 was to be loaded with communications gear (all vacuum tube) and othere electrical and electronic mission support equipment with which Navy and national leaders could direct battles and even wars. The spacious hangar deck was the obvious location for the additional spaces the ship's mission would require. One of these unique rooms would house a loarge bulkhead mounted, mobile, situational boards and seating for the President and other leaders. On this level, 4 or 5 elaborate staterooms would be built for the President and those other leaders who might be aboard.

USS Saipan CVL 48 after the conversion to USS Arlington AGMR 2


Other spaces would contain various support gear for the new level to function independent of other ship's services. Initial layout lines for bulkhead locations were put down on the hangar deck and bulkhead fabrication started in the shops. Future events would drastically impact this portion of the conversion.
The Flight Deck. Time, exposure and too many landings on the old flight deck had dealt it a serious blow. Because the conversion plans included using the flight deck as an antennae farm, a great deal of repair was required. The antennae plan included a number of antennae mounted on very tall fibreglass poles and microwave dish antennae. The forward and midships flight deck areas had to support these items as well as being waterproof to protect the new hangar deck space. The aft flight deck was to be utilized as a helicopter pad with no antennae in
the area and the aft aircraft elevator was to remain operational. The new hangar deck spaces would require the forward elevator to be inoperable so it was to be welded closed. The deck drains were inspected and found rotted and full of pin holes so they were for the most part eventually replaced. Every attempt was made to salvage the teak deck by caulking but that failed and its fate was to be decided at a later date.

End of Part 2. To be continued in future Saipanoramas

FROM CVL48 TO CC3 TO AGMR2 Saipan conversion to Arlington, Part three John Hodges was an Engineer involved in the conversion of Saipan to Arlington. This is the conclusion to the series of articles he has provided us on the conversion.

1964 would prove to be a pivotal year for the Saipan conversion. The ship had been at the ADDSCO Shipyard in Mobile, Alabàma since March 1963, for conversion to a command ship (CC-3).
Various repairs and new system installations had proceeded for 111 months. The emphasis was on those lengthy jobs such as the installation of the new quarters and spaces for the command personnel and associated support items. Mechanical propulsion and electrical systems were being inspected and upgraded or renovated. Every tank and space had been opened, inspected, repaired and painted.
The CC-3 conversion was about 50 percent complete when on February 20, 1964, the work was suspended by the Department of Defense. The contract suspension came on the heels of the death of John F. Kennedy. The rumor mill was hard at work and a great deal of anxiety was felt by the project team and yard employees. A rumor circulating had President Johnson stating he was going to Texas and not to sea if a crisis happened. Project team members and support personnel were kept busy determining the com-


John Hodges
was blasted and a new paint job was applied. The forward aircraft elevator was welded shut and became a part of the antennae farm site. The after elevator would remain operational for helicopters. The ship was in contact with another ship in the Southeast Asia area during tests of the communication system. (No small feat at the time.)
The Navy conducted several preliminary sea trials in 1966 before acceptance of the Arlington. During one of the trials the ship's engineering plant pushed her to 37 knots. The ship was later rated at 32 knots. These tests proved the ship was capable of fulfilling its mission but at times she showed her age and continued to be a challenge to maintain. The Arlington's engineering plant was basically good but old. This challenge would continue once into the fleet. Some plant parts were impossible to replace and had to be made by the crew.

The Arlington departed the Port of Mobile and ADDSCO on August 12, 1966 for delivery to the U. S. Naval Fleet at the Norfolk Naval Shipyard where official commissioning ceremonies were held on August 27, 1966.
Much like in her past life as the Saipan, Arlington would continue to make significant strategic contributions to our country. Besides serving in the Viet Nam conflict, she replaced the USS Pueblo following its seizure by North Korea. In addition, the Arlington played a significant role in several Apollo missions. Indeed she was a "can do" ship.
Please see www.ussarlington.com for excellent, detailed history for both the Saipan and Arlington.
My thanks to "JJ" Anderson and Roger Booth for their contributions to these conversion articles.

John Hodges
Editor's Note: It has been a pleasure working with Mr. Hodges on these articles. He has given us information that we could never have found out on our own. It was also a pleasure meeting him personally and having him address our reunion in San Antonio about Saipan's life after we all had left her.
It was great to hear him say that the ship had reached 37 knots on sea trials. Most people in the fleet did not believe that Saipan could actually go that fast. Those of us who were aboard in January 1951 can remember that Saipan hit 38 knots in speed trials at Guantanamo Bay, Cuba. Every nut and bolt was shaking but she held the speed perfectly. Captain Woods was in command at the time.
Saipan always had great engineering crews and it is a tribute to them that the machinery was still able to perform after so many years. Saipan was actually rated at 33 knots.

The photos with this article were obtained by John Hodges from the ADDSCO Collection in the University of South Alabama Archives. Saipanorama wishes to thank the University for allowing us to use these photos.


# Work Stopped on Conversion 

WASHINGTON-The Navy has ordered work stopped on the conversion of the auxiliary aircraft transport Saipan (AVT-6) to a command ship. This conversion was part of the Navy's Fiscal Year 1963 program. No decision has been reached on what will be done with the ship.
The contractor is Alabama Drydock and Shipbuilding Co., Mobile, Ala.

The action is in accordance with a Department of Defense decision not to include a third command. ship in the defense program.

Two command ships are in commission in the Atlantic Fleet. They are the Northampton a converted cruiser, and the Wright, a converted aircraft carrier.

Conversion of the Saipan (AVT-6, former CVL-48) to a command ship (CC-3) has been halted. It has been unofficially reported that she may be converted instead to a major communications relay ship (AGMR) in place of the now scheduled conversion of the Vella Gulf (AKV-11, former CVE-111).

## Saipan Listed As Relay Ship

WASHINGTON-A Navy Bureat of Ships contract for $\$ 11,268,612$ with the Alabama Dry Dock and Shipbuilding Co., Mobile, Ala., for the conversion of the auxiliary aircraft transport Saipan (AVT-6) to a command ship (CC-3) has been changed and approved to provide for conversion of the ship to a major communications relay ship AGMR. Amount of the contract has been increased by $\$ 15,617,812$ to a new total of $\$ 26,886,424$. Work will be done in Mobile.

In February 1964, the Navy ordered the contractor to stop work
in conversion of the Saipan to a :ommand ship, in accordance with a decision not to include a third command ship in the Defense program.


NEW ROLE-The Navy is spending more than $\$ 25$ million to convert the aircraft carrier Saipan into the nation's most advanced floating communications center. The newly commissioned ship-renamed the USS Arlington-will have the ability to maintain immediate contact with Washington from any sea or ocean in the world.

## New Role for 1945 Flattop

## Navy Making Saipan a Key Communications Center

MOBILE, Ala. (UPI) - The 8, 1945, was a pioneer in jet communications to the United

Navy is spending more than $\$ 25$ million to convert one of its old aircraft carciers, the Saipan, into the nation's most advanced floating communications center.

When the job is done, the newly commissioned ship renamed the USS Arlingtonwill have the ability to maintain immediate contact with Washington from any ocean.
Wars can be won or lost because of communications. With this in mind, the Pentagon authorized the project.
"The war in Southeast Asia has increased the burden on our communications," said Capt. Charles A. Darrah, commander. "The Arlington will be able to augment shore facilities by operating closer to the fleet."

## Never Saw Action

The ship's main task will be to carry the voice of command and control from America's seat of government to naval forces.

The Saip Azores and at Balboa. This ship launch in million leaves a tremendous area of ship launched in New York July

## Nary Halts Big Addsco Job



NAVY HALTS WORK ON CARRIER HERE - The 683-foot aircraft carrier Saipan, which arrived in Mobile last March for conversion at the Alabama Drydock \& Shipbuilding Co. into a command ship, is shown in this file photo. Addsco was low bidder on the project with an offer of $\$ 101 / 2$
million. Thursday the Navy Department in Washington announced the work is being halted although it is 50.2 per cent complete. Addsco officials had not learned of the action Thursday and work at that time was continuing.

By ED LEE
Register Staff Reporter The U.S. Navy at Washington, D.C., Thursday afternoon announced a halt has been ordered in the $\$ 101 / 2$ million conversion of an auxiliary-aircraft transport to a command ship at the Alabama Drydock \& Shipbuilding Co. of Mobile.
Addsco officials, contacted about the report received from the Associated Press, said they had not been advised of any such action. Work on the carrier - the Saipan - was still in progress Thursday.
The officials said they can not comment on the action until they are "officially notified" by the Navy the work is to halt.
The 683 -foot Saipan, with a width of 115 feet and drawing 25 feet of water, arrived in Mobile last March for the conversion. Addsco was low bidder on the project.

## JOB HALF DONE

According to the Navy announcement in Washington Thursday, the conversion was 50.2 per cent complete as of last month.

It was announced that the action halting the work on the ship at Mobile "is in accord with a Defense Department decision not to include a third
(Page 12, Col. 1, ADDSCO)

## Addsco

(Continued From Page One) command ship in the defense program!"
The Navy now has two spe-cially-fitted command ships in the Atlantic Fleet. They were identified as the Northampton, a converted cruiser, and the Wright, a converted aircraft carrier.
Command ships are loaded with communications gear and other resources with which Navy and national leaders could direct battles and even wars. In a dire emergency, the President could be flown to one of these command ships as a haven and command post.

## LAYOFFS EXPECTED

A Navy spokesman told the AP at Washington there will probably be layoffs among the 630 workers now on the project at Addsco. The spokesman was unable to estimate just. how many will be laid off. Over-all, the yard employs 1,900 workers.
The Navy spokesman said the Saipan conversion is the only Navy project at Addsco and as of last month, there were no commercial shipbuilding contracts being performed at the Mobile firm.
There was no mention in the Washington dispatch of another multi-million dollar project at Addsco. Last Februrary the firm received an $\$ 8,200,000$ subcontract from the Martin-Marietta Corp. to modify a Liberty ship and install a 10,000 -kilowatt nuclear power generating plant in the vessel. This work is still under way.
Martin - Marietta holds the prime contract for the project with the Army Engineers. The objective is to provide a shipmounted system that could in time of an emergency be connected with on-shore distribution facilities and provide electrical power sufficient to support a civilian or military com. munity of up to 20,000 persons. The Liberty is the Charles Cugle.
$\therefore$ There are several other ships at Addsco for repair, maintenance or overhaul.

## THE ARLINGTON STORY


U. S. S. SAIPAN (CVL-48)

U.S.S. ARLINGTON (AGMR-2)

## How Saipan Became USS



ARRIVALIN MOEILE-Built during World War II, a veteran of early assignments to Yiet Nam and honored for hurricane aid to Mexico in the early 1950's, the USS Ssipan is pictured arriving at Alabama Dry Dock
\& Shipbuilding Co. here March 20, 1963, affer being towed from the Philadelphia Naval Shipyard for a rebirth in a new role in the nation's defenses.

Wh w by ED LEE
Press Register Reporter

The USS Arlington, in the final stages of conversion from an aircratt carrer into a mafor communicatons relay shp at the Alabama Dry pocy and Shlppuilding Co. bere, is to be turned over to the U.S. Navy later this morth. A group of Mobile leaders is being invited to inspect the multi-million-dollar ship Friday, An open house is planned for Saturday aboard the vessel for Addsco workers end their families and families of Navy personnel assigned to the Arlington:

This latest addition to the Navy has been in Mobile since March 20, 1963. She was the aircraft carrier USS Saipan, in the reserve fleet at the Philadelphia Naval Shipyard. Original plans were to convert the carrier-into a command ship at a cost of about $\$ 11$ million.

## FIRST PLANS CHANGED

This work began, but was halted after 11 months and
luter the plans were changed with the Navy having her conyerted into the major communication relay ship. Earlier estimates of this contract reached almost $\$ 27$ million - Capt Charles Alexander Darrah, 47, of Decatur, A1a: as sumed command of the A ington last October, Heand
tions needed for speed to exercise command of given

14 other officers and 211 enlisted men have been with the ship observing the conversion for a year.

The U.S. Navy representatives on the work are with the Navy's Supervisor of Shipbuilding Bureau of Ships, from Pascagoula. They include Capt. J. B. Guerry Jr., Cmar, A. E. Plow, project coordinator; Cmdr. E. D. Sanders, and Lt L. W. Riedel

Addsco's project manager on the three-year project has been T. W. Trawick, assistant vice president of the firm, President J. R. Maumenee said.

The primary function of the Arlington and the Navy's other similar ship, is to provide naval communications to the fleet and shore stations in areas with inadequate facilities. She will operate with a fleet to increase communica-
siftuation. Stuation, Wien the Arlington is linked $2 \mathrm{zu}(\mathrm{Continlued}$ on Page 8)

## Press Redister

## Amusements

## Theaters



AFTER SEA TRIALS-The USS Arlington returns to the Addsco yard in Mobile following successful sea trials. The ship is now being readied for delivery to the Navy at the Norfolk Naval Shipyard later this month. Mobile

## More About Saipan

## 5:3, 2:, :

into the regular Naval Communications system, she will permit the sending and receiving of messages in any part of the world. In recent tests from Mobile, the ship was in contact with a ship in the Southeast Asia area.

## b9 MILES OF WIRE

: Electronic equipment aboard the Arlington utilizes about 69 miles of wire and cabling and has approximately 225,000 soldered wire connections. The electronic systems de-
sign, installation, test and checkout on the ship were provided by Ling-TemcoVought (LTV) Range Systems. This is a division of LTV Aerospace Corp. of Dallas, Tevas. The division is an engineering and technical service organization also conducting operations at various Department of Defense and the NASA facilities.
J. J. Henry Co., Inc., of Philadelphia served as the naval architect and marine engineer for the conversion contract.

The ship which will leave Mobile later this month will go to the Naval Shipyard at Norfolk for final outfitting. This will take about two months. There the rest of the officers and men will be assigned. Many are already in training for service aboard the Arlington.

## COMPLEMENT OF 1,000

The full complement of the ship will be about 1,000 officers and men. The Navy has another major communications ship which was placed in service about three years
leaders are to be invited to inspect her Friday and an open house for Addsco workers, their families and friends of naval personnel is scheduled Saturday.
ago. She is the USS Annapolis. The Arlington is named in recognition of Arlington County, Va., the site of one of the Navy's finest wireless test stations.
Measuring 683 feet in length, the Arlington has a beam of 115 feet and draws 25 feet of water. She was originally built on a heavy cruiser hull at New York Shipbuilding Corp., Camden, N.J. The keel was laid July 10, 1944, and she was launched July 8, 1945. Commissioning was a year later.
During active service as the USS Saipan, the carrier embarked the first fleet jet aircraft squadron, introducing
carrier-based jet fighter operations into the fleet.
Aircraft were transported to French Indochina to aid in the defense of Dien Bien Phu, during early fighting in Viet Nam. She operated out of Pensacola in 1955 and 1956 and has been awarded the Scroll of Honor and Merit for Aid to Humanity by the Mexican Red Cross. This was for hurricane relief and lifesaving assistance in the Tampico area in the early 1950s.
The vessel was laid up and de-commissioned at Bayonne, N.J. on Oct. 3, 1957, and placed in the shipyard at Philadelphia until towed to Mobile.


BIG LIFT COMING-A shipyard derrick barge is brought along the Navy vessel to enable a crane to remove a part of the con-
ning tower so alterations can be made to the mast.


THE MONSTER LOOK-BOW-on and in the process of drydocking for tests and inspection, the Arlington looks in this photo like some eyed, futuristic insect with over-sized
antennae. Her new name appropriately recognizes Arlington County, Va., the site of one of the Nary's first wireless test stations.



CAPTAIN CHARLES A. DARRAH, USN
Commanding Officer, U.S.S. Arlington


REPRESENTING NAVY The Nary's representatives in the contract for the Arlington conversion are left to right, Capt. C. A. Darrah, prospective commanding officer; Capt. John B. Guerry Jr., supervisor of shipbuilding, Pascagoula, and Cmdr. A. E. Plow, project c̀oordinator.


# UNITED STATES SHIP ARLINGTON <br> AGMR-2 

## Cammissianing

U.S.S. SAIPAN built by<br>New York Shipbuilding Corporation Camden, New Jersey



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Keel laid as CVL-48 - 10 July 1944 Commissioned as CVL-48-14 July 1946

Sponsor - Mrs. John McCormack Decommissioned - 3 July 1957

## U.S.S. ARLINGTON (AGMR-2)

# NORFOLK NAVAL SHIPYARD PORTSMOUTH, VIRGINIA 



is<br>Alaba Converted by<br>Alabama Drydock and Shipbuilding Company Mobile, Alabama

U.S.S. SAIPAN reclassified AVT-6 - 15 May 1959 Entered Shipyard for conversion CC-3 - 30 March 196: Redesignated AGMR-2 - 1 September 1964
Designated Major Command by Chief of Naval Personnel
18 January 1965
Name changed to ARLINGTON - 8 April 19
$\dot{4}$
Commissioned
Norfolk Naval Shipyard Portsmouth, Virginia

## TO COMMISSION

To commission a ship marks her initiation as a member of the operating forces of the United States Navy. When the Commissioning Pennant is broken for the first time, Captain Charies A. Darrah and the ship's company of 46 officers and 881 men assume responribility for the USS ARLINGTON and the obligation to make and keep her ready to serve this country in peace and war.

## MISSION

The assigned mission of the USS ARLINGTON is to serve as an Operations Communications Major Relay Ship. She wil provide the Fleet with modern, reliable, rapid, and securt communications, capable of operating for long periods of time underway at advanced locations.

She will augment existing shore based communications services or substitute for services lost.

She will be capable of supplying vital communication services in any sea area of the world. She has been recentl! designated as a major command by the Chief of Nava Personnel.


