



DEPARTMENT OF THE NAVY

USS McFAUL (DDG 74)
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From: Commanding Officer, USS McFAUL (DDG 74)
To: Naval Historical Center, Washington Navy Yard

Subj: 2002 USS MCFAUL (DDG 74) COMMAND HISTORY

Ref: (a) OPNAVINST 5750.12G, 29 MARCH 1999

Encl: (1) 2002 Command History

1. Enclosure (1) is submitted as required by reference (a).

A handwritten signature in black ink, appearing to read "N. R. Parrott", is centered on the page.

N. R. PARROTT

USS McFAUL (DDG-74)

UNITED STATES NAVY

[Http://www.spear.navy.mil/ships/ddg74](http://www.spear.navy.mil/ships/ddg74)

USS McFAUL's mission is to conduct prompt, sustained combat operations at sea, in support of national policy. She is equipped to operate in a high-density, multi-threat environment as an integral member of a carrier battle group or Surface Action Group (SAG).

In addition to her own self-defense capabilities in Air Warfare (AW), Undersea Warfare (USW), Surface Warfare (SUW), McFAUL can effectively provide local area protection to the battle group, surface action group, and other ships. McFAUL is equipped with the world's most sophisticated weapon system. She has the AN/SPY-1D Phased Array Radar, which incorporates significant advances in the detection capabilities of the AEGIS Weapons System, particularly in its resistance to enemy Electronic Counter-Measures (ECM). Using the SPY-1D and her MK 99 Fire Control System, McFAUL can guide her vertically-launched Standard Missiles to intercept hostile aircraft and missiles at extended ranges. To provide point defense against hostile air targets, McFAUL is equipped with the Block 1 upgrade to the Phalanx Close-In Weapons System (CIWS).

McFAUL is also equipped with the Navy's latest SUW Combat Systems. Land attack cruise missile capability is provided by Tomahawk Missiles, which are launched from her Mark 41 Vertical Launching System (VLS). Her shorter range Harpoon Anti-Ship Cruise Missiles have a range in excess of 65 nautical miles which are fired from stand-alone launchers. The 5"/54 Caliber Gun, in conjunction with the Mark 34 Gun Weapon System, is an anti-ship weapon which can also be used for close-in air contacts or to support forces ashore with Naval Surface-Fire Support.

Finally, McFAUL's AN/SQQ-89 integrated USW Suite is the most advanced anti-submarine warfare system in the world today. The AN/SQR-19 Tactical Towed Array SONAR (TACTAS) provides extremely long-range passive detection of enemy submarines, and the AN/SQQ-53C Hull-Mounted SONAR is used to actively and passively detect and locate submarine contacts. McFAUL also has the capability to land the SH-60B LAMPS Mark III Helicopter, which can link to the ship for support in the anti-submarine operations, as well as conducting over-the-horizon targeting missions. These systems are supplemented by the AN/SLQ-32V(3) Electronic Warfare Suite, which includes passive detection systems, decoy countermeasures and an active jamming capability.

Powered by four quick-response General Electric LM-2500 Gas Turbine Engines coupled to two Controllable-Reversible Pitch (CRP) Propellers, McFAUL has tremendous maneuverability, and a top speed in excess of 30 knots. Her expert engineers also provide the ship with electricity, fresh water, heating and air conditioning facilities. McFAUL matches maximum survivability with her potent offensive capability.

In the ARLEIGH BURKE Class, all-steel construction is used. Extensive top-side armor is placed around vital combat systems and machinery spaces, and a new, large waterplane area hull design, significantly improves seakeeping ability. Acoustic, infrared, and radar signatures have been reduced, and vital shipboard systems are hardened against electro-magnetic pulse and over-pressure damage. A comprehensive Collective Protection System guards against nuclear, chemical, or biological agents. State-of-the-art propulsion and damage control systems are managed by an all-new data multi-plexing system.

Home to a crew of over 330, McFAUL has most services associated with a small town at sea, including dining, banking, ATM, laundry, post office and shopping facilities, over 10,000 line items of spare parts, and a barber shop. A marvel of modern technology and engineering, McFAUL is a powerful instrument of peace in the service of her nation, capable of sustaining herself at sea for months at a time. McFAUL is the premier warship designed to carry out the U.S. Navy's missions well into the 21st century.

USS McFAUL is commanded by CDR Neil R. Parrott.

SHIPS SPECIFICATIONS

GENERAL

Length: 505.5 feet
Beam: 66.5 feet
Speed: 30+knots
Draft: 32 feet
Displacement: 8,900 tons
Complement: 30 Officer/300

ENGINEERING

Propulsion: 4 LM2500 Gas Turbine Engines
Electrical: 3 Allison 501-K34 Model 9140
Gas Turbine Generators (2500KW each)
Services: 4 Air Conditioning Plants
Reverse Osmosis Water Desalination Units

SENSORS

AN/SPY-1D RADAR
AN/SPS-67 Surface Search Radar
AN/SPS-64 Surface Search Radar
LAMPS Mk III Helicopter
AN/SQR-19B Tactical Towed Array
SONAR
AN/SQR-53C SONAR
AN/SQQ-28 Shipboard Electronics

WEAPONS

1 MK 45 MOD 2 5"/54 Cal
Gun Mount
1MK 41 MOD 2 Vertical
Launch System (Total of
90 cells)
2 MK 141 Harpoon Missile
Launchers
2 MK 15 MOD 12 Phalanx
Close-in Weapon System
2 MK 32 MOD 15 Triple
Torpedo Tubes
Standard Missiles (SM-2)
Tomahawk Cruise Missiles
Vertically Launched ASROC

Section 1: Command Composition and Organization

Command Short Title: USS McFAUL (DDG-74)

Unit Identification Code: 21948

Mission: McFAUL's mission is to conduct prompt, sustained combat operations at sea, in support of national policy. McFAUL is equipped to operate in a high-density, multi-threat environment as an integral member of a carrier battle group or Surface Action Group. McFAUL's mission areas include Anti-Air Warfare (AAW), Anti-Submarine warfare (ASW) Anti-Surface Warfare (ASUW), Maritime Interdiction Operations, and Strike Warfare (STW). As a Guided Missile Destroyer, McFAUL can effectively provide local area protection to the battle group, surface action group, and other ships.

Organizational Structure:

Immediate Senior Command:	Commander Destroyer Squadron Eighteen
Permanent Duty Station:	Norfolk Naval Base, Norfolk VA
Commanding Officer:	CDR Neil R. Parrott, USN
Aircraft Assigned:	N/A

Section 2: Chronology

JANUARY 2002

Date	Event
01 JAN-18 JAN	Inport Norfolk Naval Base, Post Overseas Movement.
18 JAN-26 JAN	Underway VCOA as OPFOR for JFK JTFX
26 JAN-01 FEB	Underway VCOA, ISE

FEBRUARY 2002

Date	Event
01 FEB-30 FEB	Inport, Norfolk Naval Base
11 FEB-30 FEB	Completed Fleet Maintenance Availability, Norfolk Naval Base

MARCH 2002

Date	Event
01 MAR-11 MAR	Inport Norfolk Naval Base
11 MAR-15 MAR	Group Sail, VCOA
11 MAR	Navigation Check Ride Qualification
15 MAR-20 MAR	Inport Norfolk, VA
20 MAR-22 MAR	Underway, VCOA CEC compatibility test
22 MAR-25 MAR	Inport Norfolk, VA
25 MAR-29 MAR	Underway, VCOA for USS CONNECTICUT POMCERT
29 MAR-31 MAR	Inport, Norfolk Naval Base

APRIL 2002

Date	Event
01 APR-17 APR	Inport Norfolk Naval Base, Norfolk VA
17 APR- 19APR	Inport Yorktown Naval Weapon Station. Weapon offload.
19 APR- 31 APR	Underway VCOA/PROA. PCO-OPS with USS GRASP and EX-ATLANTA
22 APR	Inport Guantanamo Bay, Cuba for six hours to refuel.

MAY 2002

Date	Event
01 MAY-04 MAY	Underway PROA for PCO-OPS.
04 MAY-08 MAY	Inport FT Lauderdale for Broward County Navy Days
08 MAY-10 MAY	Underway Tiger Cruise 2002
10 MAY-15 MAY	Inport Norfolk Naval Base, Norfolk VA
15 MAY-19 MAY	Underway PROA
19 MAY-21 MAY	Inport Naval Station Roosevelt Roads Puerto Rico
21 MAY- 24 MAY	Underway PROA
24 MAY- 27 MAY	Inport St.Thomas, USVI
27 MAY- 31 MAY	Underway PROA/VCOA

JUNE 2002

Date	Event
01 JUN-03 JUN	Underway VCOA
03 JUN-11 JUN	Inport Norfolk Naval Base, Norfolk VA
11JUN-30 JUN	Inport Moon Engineering Shipyard, Ships Restricted Availability

JULY 2002

Date	Event
01 JUL-31 JUL	Inport Moon Engineering Shipyard, Ships Restricted Availability

AUGUST 2002

Date	Event
01 AUG-11 AUG	Inport Moon Engineering Shipyard, Ships Restricted Availability

SEPTMEBER 2002

Date	Event
01 SEP-09 SEP	Inport Norfolk Naval Base, Norfolk VA
09 SEP-13 SEP	Inport Deperming Crib, Elizabeth River, VA
13 SEP-24 SEP	Inport Norfolk Naval Base, Norfolk VA
24 SEP	Underway en route Earle, NJ
25 SEP-26 SEP	Inport Earle, NJ Ammo Onload

27 SEP-30 SEP Underway VCOA

OCTOBER 2002

Date	Event
01 OCT	Inport Norfolk Naval Base, Norfolk VA
02 OCT-03 OCT	Underway VCOA CART II
04 OCT-20 OCT	Inport Norfolk Naval Base, Norfolk VA
21 OCT-31 OCT	Underway VCOA. UD preps.

NOVEMBER 2002

Date	Event
01 NOV- 07 NOV	Underway VCOA
04 NOV- 07 NOV	Underway Demonstration (SAT)
08 NOV- 30 NOV	Inport Norfolk Naval Base, Norfolk, VA
14 NOV- 15 NOV	Cruise Missile Tactical Qualification (SAT)

DECEMBER 2002

Date	Event
01 DEC-09 DEC	Inport Norfolk Naval Base, Norfolk VA
10 DEC-11 DEC	Underway VCOA. Final Evaluation Problem (SAT)
12 DEC-31 DEC	Inport Norfolk Naval Base, Norfolk VA. Holiday standown.

Section 3: Narrative

2002 was a very successful year for USS McFAUL. The winter included a short notice weapons offload and escort duties of a de-commissioned submarine, and the fall saw port visits to FT Lauderdale and St Thomas. The ship spent most of the summer in the shipyard receiving upgrades to various systems and much needed maintenance and preservation. After the shipyard, the ship spent the rest of the year preparing for the Inter-Deployment Training Cycle and was successful in every inspection she had. For her outstanding efforts, McFAUL was awarded the 2002 Battle "E" for DESRON EIGHTEEN.

Awards Received:

DESRON EIGHTEEN Battle "E"

NVC

MVC