(Scroll down to get to the article)

The gang that created the Waypoint magazine and resurrected the computer version of the Harpoon naval & aerial warfare simulator in the early 2000s, strikes again!

Command: Modern Air / Naval Operations is the high-fidelity warfare simulator from **WarfareSims.com**. Combining massive scale (the entire earth is your theater) and incredible depth and breadth (conflicts from 1946 to 2020+) with unprecedented detail, realism and accuracy, a powerful Windows interface and challenging AI, Command has set the new standard for air-naval war games.

Praised by military professionals, hobbyists and the gaming press alike, Command swept the *Wargame Of The Year 2013* awards and shattered sales records in its category:

> **United States Naval Institute:** *"Command will find a following not only among civilian gamers but might have value among military, government, and policy circles as a simulator of modern warfare. […][This] is a game with broad appeal for everyone from casual gamers to government users looking to model unclassified, informal simulations. It likely will be the main choice for hard modern warfare simulators for years to come."*

> **Michael Peck, War Is Boring:** *"This isn't just a game. It's a simulation that's as close as many of us will ever get to real Pentagon simulation. C:MANO, as fans call it, is a real-time game that boasts an incredibly rich—and unclassified—database of the aircraft and ships of the Cold War and beyond. [...] I strongly suspect that this game won't prove any less accurate than the government's tippity-top-secret simulations."*
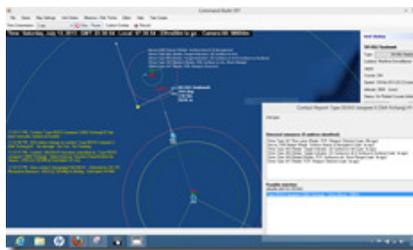
Multiple awards.
Over 150 scenarios (as of June 2014).
Thousands of fanatical players.
Tens of thousands of planes, ships, submarines, land units, satellites, weapons, sensors, and other systems.

Command: Modern / Air Naval Operations is available only at Matrix Games.

For more information go to **WarfareSims.com**.

Collins Class SSK

By **Michael Mykytyn**

General

Users: Australia

Roles & Mission: The Collins class submarine is one of the best diesel types in service today. Based on a Swedish design and fitted out with local and American equipment the Collins is tasked with conducting patrols of Australian territorial waters as well as carrying out expeditionary missions throughout the Pacific Ocean. The Collins-class design has undergone a long and troublesome development period, but has now reached maturity and has provided the Australian Navy with arguably the best submarines operating in the South Pacific.

Strengths: Given the excellent sensor suite and ranged weapons, the Collins is an excellent anti-shipping platform. It also has a strong antisubmarine capability and can challenge even the most modern submarines in service today. During last year's RIMPAC exercises, a Collins class boat successfully penetrated an American carrier group and simulated a torpedo run on the carrier itself.

Weaknesses: Like most diesel submarines, the Collins has a limited endurance, depth and speed. The weapons capacity also suffers as result of the limited displacement. Therefore, great care must be taken when managing this asset. These submarines should lurk in the path of their potential targets instead of giving chase in most circumstances.

Game Stats:

Maximum Speed:	20knts
Displacement:	3051 Tons
Damage Points:	56 DP
Length:	77.8 Meters
Crew:	42
Max Depth:	300 Meters

Equipment: SS 73 Collins 1996 (DB2000 v6.2)

Radars:

Type and Quantity	Max Range	Abilities	Notes
Type 1007	45 nm	Surface Search, Range Information, Bearing Information	Primary surface search radar.

Electronic Warfare:

Type and Quantity	Max Range	Abilities	Notes
Argus AR740	280 nm	Surface Search, Air Search, Bearing Information	ESM Sensor

Sonars:

Type and Quantity	Max Range	Abilities	Notes
Karriwarra TASS	39 nm	Sub Search, Bearing Information	Towed Array
Scylla: 1980/Adv ELEDONE	39 nm	Sub Search, Range Information, Bearing Information	Active-Only Sonar + Passive Flank Array

Mounts:

Type and Quantity	ROF	Capacity	Weapon (Service Date)
(6) 533mm TT	5	1	Mk 48 Mod 4 Mk 45 Mod 5 ADCAP UGM-84D Harpoon IC
(2) Signal Ejectors	1	2	Esonification Bubbler White Noise Decoy

Versions (DB2000)

➢ **SS 73 Collins (1996):** As described.
➢ **SS 75 Waller: (1998):** Sensor Modifications:
  o TB-23/BQ towed array (99 nm, Sub Search, Bearing Information) replaces Karriwarra TASS.

Current Service

Australia-HMAS Sterling (South of Perth)
➢ SS 73 Collins (1996-present)
➢ SS 74 Farncomb (1998-present)
➢ SS 75 Waller (1999-present)
➢ SS 76 Dechaineux (2001-present)
➢ SS 77 Sheehan (2001-present)
➢ SS 78 Rankin (2002-present)