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**Sent:** Saturday, 28 June 2008 17:34  
**To:** White Paper  
**Subject:** WWW Submission: 8. Defence Industry [SEC=UNCLASSIFIED]

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Organisation: master engineers

Submission: In my submission defence white paper in 2000 I mentioned that future defence forces would be able to disable satellites. China has done so first and USA second.

I suspect that satellite destruction degrades air warfare destroyer capabilities.

This throws up the possible need for surveillance aircraft, eg, the Wedgetailor better yet a surveillance scramjet, or even better a surveillance spaceplane.

The advantage of these machines, is that potentially they can shoot MIRV nuclear missiles down as they start to accelerate, ie before the multiple warheads are deployed. The problem with new technology is that it is easily emulated by competitors once known about.

Another suggestion is that the air warfare destroyers be altered to logistic vessels of 60,000 or 80,000 tonnes, which can operate some of the airforce aircraft fighters when required. Normally they need only operate 10 aircraft; 2 caribou type a few rotary wing aircraft, remotely operated submarine detectors, on board deployable PT boats/mine sweepers.

The advantage of a large ship is versatility, large fuel storage for ancillary operation and the ability to work with transport and fighter aircraft when necessary. EG, a ship can be in place before an emergency becomes certain; in the event of an emergency; aircraft can be deployed faster than a ship can move. Ie, aircraft from Australian bases can fly to the ship and, even be sent on to another pre positioned ship and then back to base in Australia.

Thus increasing the reach and effect of our influence with little or no extra cost and placing our reactions inside the decision loop.

We have a supply ship and two amphibious ships and four air warfare ships (which may now be an obsolete concept) yet to build.

Would it be cheaper and or better, to build larger steel ships [as my brother's son in law does ;in Hamburg Germany]. Which all have logistic power and more missiles than a current air warfare destroyer plus aircraft and troops.

We have a lot of ocean to patrol and if we lost our cities to a few Icbm's, Anzus and Defence are two terms we would no longer use.

Past projects some family members have been senior Engineers for. North west Cape communications base, Jindivik, Sydney Gun wharf, Blue Streak and Re-entry data, Monte Bello tests, Botany Bay runway extensions, St Mary's ammunition factory, Winning airplane London-Paris air race. Missile accuracy improvement.

yours faithfully,

Ernest McEntee

B. Business

28/06/2008

I agree to my submission being published on the Defence website

I agree to my submission being quoted in the Community Consultation Report