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Sir Ernest Titterton

We can now determine what might crudely be called the 'cost of killing' by such weapons. Assuming that they were used against built-up areas, Japanese experience shows that a 20-kiloton bomb will kill 50,000 people and injure a like number; that is, killing is effected at roughly £2 per head, man, woman and child; a figure which we should compare with the cost of killing in the last war, which was as high as several thousand pounds per head.



Sir David Rivett

If I am not mistaken, there is a fight ahead in Australia (and not only in Australia) to keep Science as the pioneer, the discoverer, the leader, and not just the patronised servant called in at times of distress and low dividends to act as the clever artisan to keep the ship of Industry in motion (or to keep the dogs of war supplied).



Sir Mark Oliphant

Oliphant was vehemently opposed to the use of the atom bomb on the Japanese cities. He never overcame his feelings of guilt about his part in the Manhattan Project, and he frequently expressed his views to the Australian media. He also took an active part in international campaigns against nuclear weapons, particularly in the Pugwash Conferences on Science and World Affairs. One of the 22 participants in the first conference in 1957, he fully shared the Pugwash precept that scientists have a moral duty to be concerned about the social impact of their work. Describing himself as a 'belligerent pacifist', he advocated his conviction that war itself is evil and must not be tolerated by humanity.

- Joseph Rotblat, *Nature*

Summary

Sir Ernest Titterton

Extremely supportive of military application of nuclear technology.

Sir David Rivett

Believed that science should not be the servant of military/ industry.

Sir Mark Oliphant

Actively opposed war and the military application of nuclear technology.



Prof Brian Schmidt

As the Defence Minister said here yesterday, AUKUS will demand a transformation in Australia's cultural relationship with science and technology.

Our AUKUS partners expect Australia to pull its own weight and develop sovereign capability to operate and maintain the fleet. This will require the integration of military, industry, government and academia to create an entirely new sector of the economy...

As Vice-Admiral Mead noted recently in *The Australian*, starting today we need to set a 14-year-old schoolgirl on a path to be captain of Australia's first nuclear-powered submarine...

We cannot afford to drag our feet on this. Australia needs these new submarines, and we need them in service as soon as possible.

A Campaign to rename the Oliphant Building at the ANU

- It is clear that Oliphant's anti-war peaceful use of the atom worldview is outdated, and no longer consistent with ANU's agenda.
- We should scrap this outdated reference to the past and replace it with a more robust name which reflects the ANU's commitment to the military application of nuclear technology.

The Tony Stark Building at the ANU

