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Nuclear weapons companies at DSEI

Among the many exhibitors at the DSEI arms fair are key figures behind multiple nuclear weapons systems.¹

Airbus - is the exclusive provider of ballistic missiles used in the French nuclear arsenal through its participation in the ArianeGroup and MBDA joint ventures.

Babcock International – is involved in the development of the new Dreadnaught nuclear-armed submarine system. They also assist with the maintenance of the existing fleet of Vanguard-class nuclear-armed submarines.

BAE Systems – the biggest UK arms company and subject of successive corruption and bribery investigations, it will provide the submarines to replace the current ‘Vanguard’ fleet that carry the UK’s Trident nuclear missile system. It is also the prime contractor for the US Minuteman III Intercontinental Ballistic Missile (ICBM) system and part of the joint venture providing medium-range air-to-surface nuclear missiles for France.

Bechtel Management Company Ltd - Bechtel is involved in several US nuclear weapon complex facilities. It is also part of the team that will develop the replacement nuclear weapon for the US Minuteman III, the Ground Based Strategic Deterrent.

Boeing - makes specifically designed missiles for the United States nuclear arsenal as well as the guided tail-kit for the next generation gravity bombs.

General Dynamics – provides a range of engineering, development, and production activities to support the US and UK Trident II Strategic Weapons Systems. It is also involved in the guidance systems of the Trident II (D5) nuclear missiles of the US Navy and built the Ohio-class submarines for the US navy, many of which are equipped with Trident nuclear-tipped missiles.

Honeywell International - produces approximately 85 per cent of the non-nuclear components for US nuclear weapons. It is involved in simulated nuclear testing and the life-extension

programme for the US navy’s Trident II nuclear missiles.

Huntington Ingalls Industries - designs, constructs and maintains nuclear and non-nuclear ships for the US Navy and Coast Guard and provides other services including nuclear and environmental services.

Jacobs Engineering – was a part of the management consortium (led by Lockheed Martin) that ran AWE Aldermaston until the government took back control in June 2021.

L3 Harris Technologies - is involved in the design and development of the new intercontinental ballistic missile system for the US, the Ground Based Strategic Deterrent as well as producing key components for the Trident II (D5) system. Leidos - is involved with several US nuclear weapon facilities. It is active in defence, intelligence, civil, and health markets. Leidos defence sector activities include “enterprise and mission IT, large-scale intelligence systems, command and control, geospatial and data analytics, cybersecurity, logistics, training, and intelligence analysis and operations support.”

Leonardo - is connected to the production of nuclear armed missiles for the French arsenal. Lockheed Martin – was the main partner in AWE-ML, the company that managed the UK’s Atomic Weapons Establishment (AWE) before the government took back control in June 2021. The AWE is responsible for the maintenance of the warheads for the UK’s Trident nuclear arsenal and manages and operates the AWE sites at Aldermaston, Burghfield, and Blacknest.

MBDA-Systems – a joint venture between BAE Systems (37.5%), Airbus (37.5%) and Leonardo-Finmeccanica (25%), supplies the medium-range air-to-surface missile system that delivers much of the French nuclear arsenal.

Moog – developed the launch vehicles and strategic missile controls for the Minuteman III (US) and Trident (D5) (US & UK) missiles.

Northrop Grumman – has provided the original launcher system of the Trident II (D5) since the 1980s. In December 2013 it was awarded a US\$ 112.9 million (€ 82.5 million) contract for ongoing support to the Trident II (D5) Underwater Launcher System and Advanced Launcher Development Program Support for the US and the UK. Together with partners Babcock & Wilcox, Aecom and CH2M Hill (also exhibiting at DSEI 2017), is a joint venture partner in National Security Technologies (NSTec). Since 2006, NSTec manages the Nevada National Security Site (NNSS), previously known as Nevada Test Site.

Raytheon – is currently involved in a project to stretch the lifecycle of the guidance systems of the Trident II (D5) nuclear

missiles of the US Navy. It is also involved in studies in support of the new W80-4 Long-Range Standoff missile for the US arsenal.

Rolls Royce – worked on propulsion systems for UK nuclear submarines as well as producing nuclear fuel rods at their plant in Derby. They maintain the engines of the UK's nuclear submarines.

Safran Electronics & Defense – part of a joint venture to build M51 submarine-launched nuclear missiles for the French navy, which each deliver multiple warheads. Its subsidiaries Snecma and Sagem provide the propulsion and navigation systems for these missiles.

Thales – is part of a joint venture to build the M51 submarine-launched nuclear missiles for the French navy.

¹ List of exhibitors from: <https://www.dsei.co.uk/exhibitors> and company involvement from: <https://www.dontbankonthebomb.com/wp-content/uploads/2012/02/Producers.pdf> and <https://www.dontbankonthebomb.com/nwproducers/>

