

LCM-1E Landing Craft

FACT SHEET



What

The LCM-1E is a class of amphibious Landing Craft, Mechanized (LCM) purpose built for the HMA Ship's *Canberra* and *Adelaide*, Landing Helicopter Dock (LHD) and are referred to as LHD Landing Craft (LLC)

Why

The LLCs provide an important capability to deliver troops and equipment onshore where there are no fixed port facilities. They have the ability to be used Over The Horizon, which means that the LCM-1E can transport between the ship and the coast starting at a distance greater than that marks the horizon, i.e. greater than 20 nautical miles (37 km). To perform this type of landing, the LCM-1E are equipped with a radar navigation, GPS, gyro needle/magnetic and HF communications equipment, VHF and UHF.

Another important point is the speed and autonomy. The propulsion is by two engines MAN of 806 kW and two water jet propellers (waterjets), offering a speed of 22 knots without load and 13.5 knots laden, with a range of 190 nautical miles (352 km).

The LCM-1E incorporates a stern gate, facilitating the loading/unloading of rolling stock within the flood levee, not necessary the output of the front two boats to load/unload the rear. The LLCs also provide an important capability during humanitarian response as was seen with during Op Bushfire Assist 2019-2020 to assist with the safe evacuation of people during emergencies.

When

The LLCs remain with HMA Ship's *Canberra* and *Adelaide* to provide capability to the Australian Defence Force.

Further information

Please contact media@defence.gov.au