

RNZAC ASSOCIATION NEWSLETTER #196 March 2021

Meetings Happy Hour: Thursday 1 April 2021 at 1700 hrs at the Papanui RSA

Whose is it?



Social Events

Summer BBQ

From Bruce Tweedy:

A small but chatty group had a very pleasant afternoon over at Lenny and Shirley Haynes place at Diamond Harbour last Sunday.

The weather was perfect and so was the food and company and as normal we had an abundance of food.

The view from their balcony was beautiful, looking towards Lyttleton and the Port Hills, sailing boats, Diamond Harbour ferry crossing, they have a beautiful house in a lovely area. As usual our super chef Alan West cooked up a storm with his favourite meat Pattie recipe, which is always a big hit.

Thank you, Len and Shirley, for your hospitality.



From Bruce Keddie - Got a spare moment? Take a look at the attached wee film clip.
<https://youtu.be/-pWszG8-Wlk>

Admin & Log

RNZAC Association Subscriptions for 2020/21 are now due - (\$30.00)

Subscriptions for the RNZAC Association are now due for the 2020/21 year and must be paid by the 30th of September 2021. The subscription amount was confirmed at \$30.00 by the AGM at Cambrai last November.

It is preferable that subscriptions be paid by internet banking direct to the RNZAC Association: Account number: 03 0566 0209452 001. (Please include your surname and initials in the details field.)

Your subscription helps the Association to maintain the RNZAC Association Website and to support important projects like the RNZAC History Project. Your continued support of the RNZAC Association is much appreciated.

Mike Sheppard, Treasurer, RNZAC Association

Answer: China.

The Type 99G is a Chinese main battle tank. It has several improvements over the baseline Type 99, relating to fire control, targeting, countermeasure systems and modified suspension. Also, it has a raised engine compartment, which most likely indicates the use of a new engine. China's army adopted the 99G in 2014 and it is currently their most capable main battle tank in service.

This main battle tank shows a mixture of Russian and Western influence in its design and technology. The hull looks externally like the Soviet T-72 tank and uses modular add-on explosive reactive armour. Fitted with an NBC protection system and an automatic fire suppression system, it is operated by a crew of three (commander, gunner, and driver).

The 99G is also fitted with a unique active laser protection system. This can disrupt missiles laser or infrared guidance signals, disable enemy observation optics, damage the eyesight of enemy gunners, and be used against helicopters.

Armed with a ZPT98 125 mm smoothbore gun. It fires APFSDS, HEAT and HE-FRAG rounds. This tank may also use more capable APFSDS rounds with depleted uranium penetrators.

The 99G is compatible with Russian 9M119M Refleks gun-launched anti-tank guided missiles, fired in the same manner as ordinary projectiles. This missile has a maximum effective range of 4-5 km and can target helicopters. These missiles are used to extend the reach of the tank, because the 125 mm gun is not accurate at longer ranges. They have an 80% hit probability at a range of 4 km and 70% hit probability at 5 km. Four missiles are carried and stored alongside ordinary rounds.

The Type 99G tank is fitted with a carousel-type autoloader, with a maximum rate of fire of 8 rounds per minute. In an emergency the gun can be loaded manually but the firing rate reduces to 1-2 rounds per minute. Around 41 rounds are carried for the main gun.

Secondary armament consists of a coaxial 7.62 mm machine gun and a roof-mounted 12.7 mm machine gun. The 99G has a panoramic commander's sight with thermal imaging and a hunter-killer capability, incorporating a laser rangefinder and automatic target tracker.

An unusual feature of this tank is a laser communication device that is mounted behind the commander's hatch, with an effective range of 3,600m. It is used for line-of-sight information transmission and can send encrypted text, data, voice messages and is used for friend or foe identification. The tank can also be fitted with a GPS receiver for navigation and positioning.

The baseline Type 99 is powered by a diesel engine, developing 1,500 hp. It has a high power to weight ratio, with good mobility and cross-country performance. The Type 99G has a built-in self-entrenching blade. It can prepare an emplacement within 12-40 minutes without the help of specialized engineer vehicles. External fuel tanks can be carried at the rear of the hull in order to extend the road range from 600 to 800 km.

Humour

A few puns to end the newsletter on.

A dog gave birth to puppies near the road and was cited for littering.

No matter how much you push the envelope, it'll still be stationary.

The fattest knight at King Arthur's round table was Sir Cumference. He acquired his size

from too much pi.

I thought I saw an eye doctor on an Alaskan island, but it turned out to be an optical Aleutian.

A rubber band pistol was confiscated from algebra class because it was a weapon of math disruption.

A grenade thrown into a kitchen in France would result in Linoleum Blownapart.

Reminders; RNZAC Association Web site: www.rnzac.co.nz Contributions to this newsletter are gratefully accepted. Email: smithmd@xtra.co.nz Phone 02108049178.

Mike Smith, Editor