

# New North Korean space rocket

Despite a failed launch, the nuclear-armed country's latest space launcher indicates significant progress in missile technology



**Kim Yo Jong:**  
*Sister of Kim Jong Un*  
**Jong Un** vows to put satellite in orbit soon after failed launch

**Sohae Satellite Launch Station**

CHINA

**Yellow Sea**  
(West Sea)

**May 31: Rocket carrying *Malligyong-1* spy satellite lifts off successfully, but crashes into sea after second stage fails to start**



300km  
200 miles

**Okinawa**  
(Japan)

**NORTH KOREA**

**Seoul**

**SOUTH KOREA**

**Sea of Japan**  
(East Sea)

**JAPAN**  
**Tokyo**

**PACIFIC OCEAN**

**CHOLLIMA-1**

**Medium-lift rocket intended for delivering satellite payload of around 200-300kg to low earth orbit**

**Design:** Completely different from older **Unha** series of space launch vehicles

**First stage:** Believed to be powered by same dual-nozzle liquid-fuel engine fitted to **Hwasong-15** ICBM, and derived from Soviet-made **RD-250** family of engines

