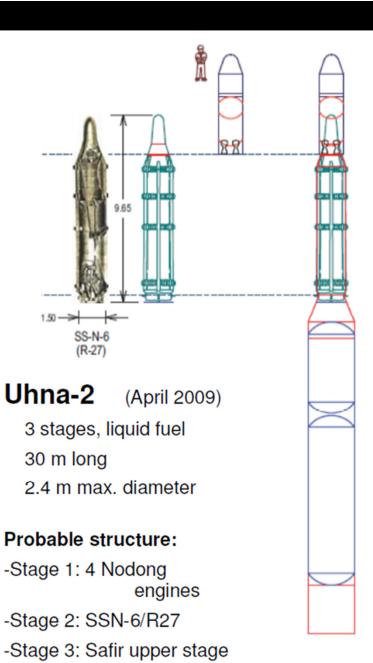
North Korea's Missile Launch April 2012

David Wright

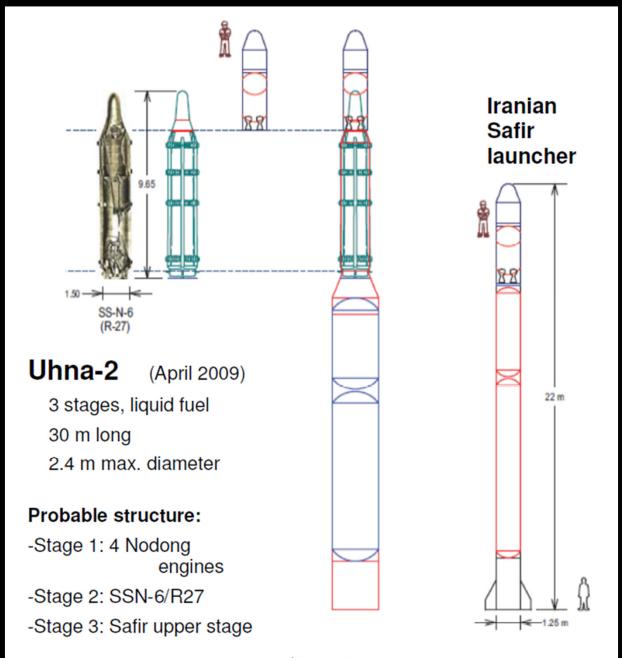
Senior Scientist and Co-Director, Global Security Program
Union of Concerned Scientists

AllThingsNuclear.org





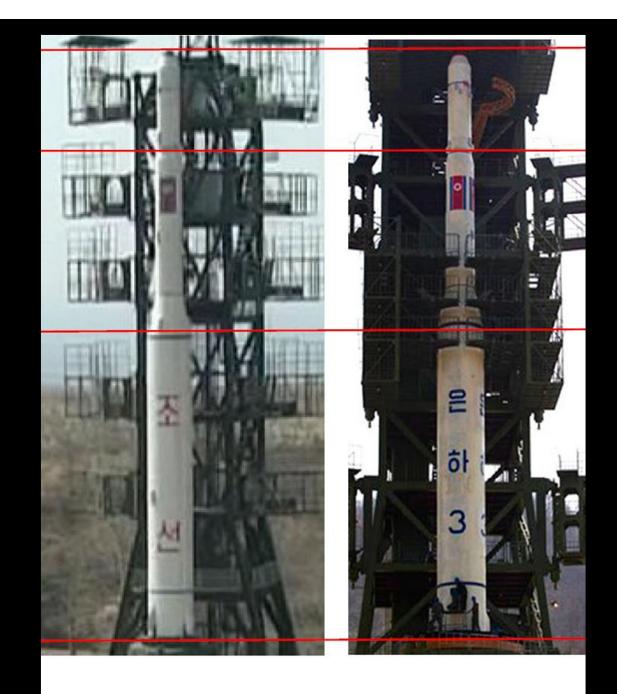
(Diagram by Ted Postol)



(Diagram by Ted Postol)

Comparison of Unha-2 and Unha-3 launchers

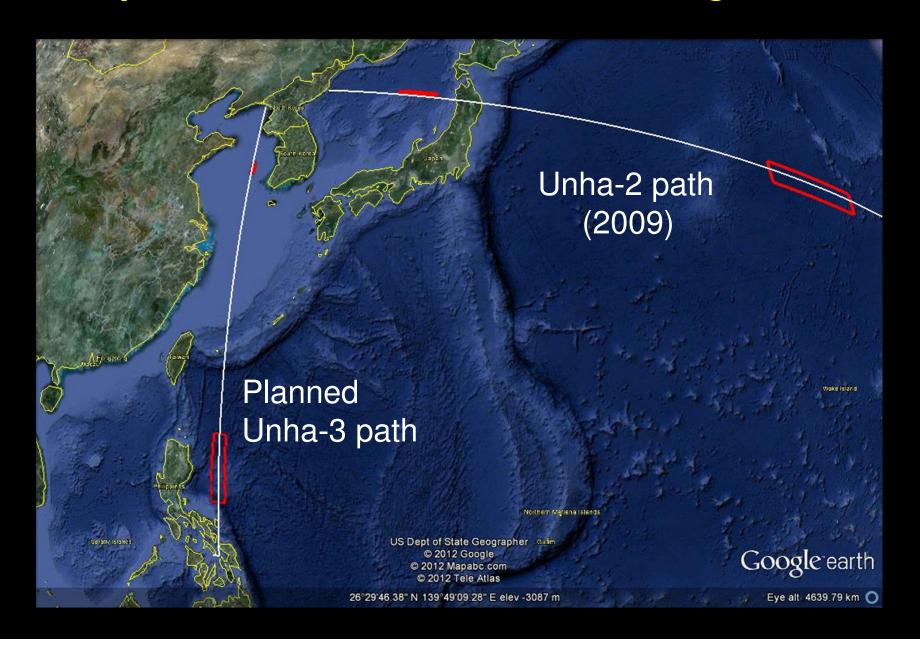
Very similar although the 3rd stage of the Unha-3 appears to be somewhat longer



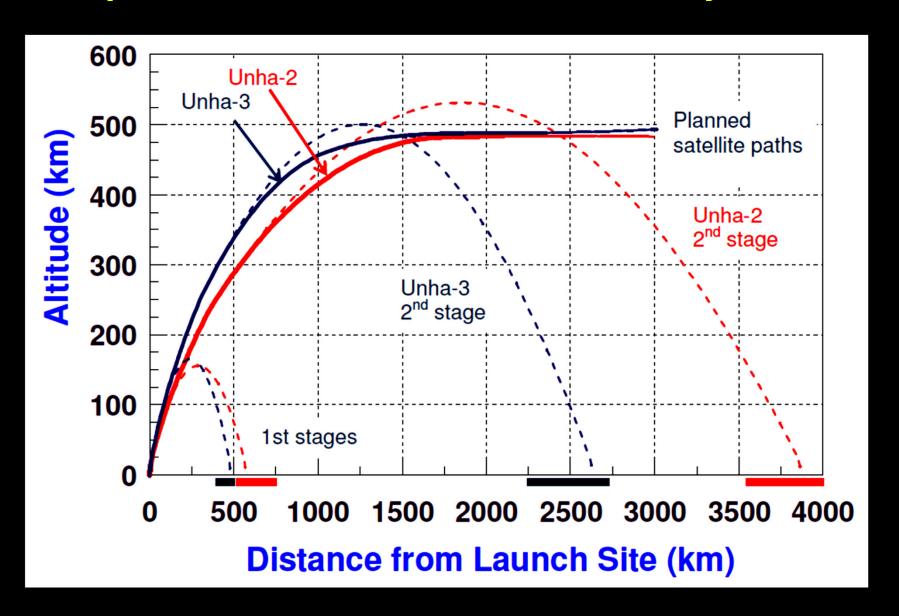
Unha-2 (April 2009)

Unha-3 (April 2012)

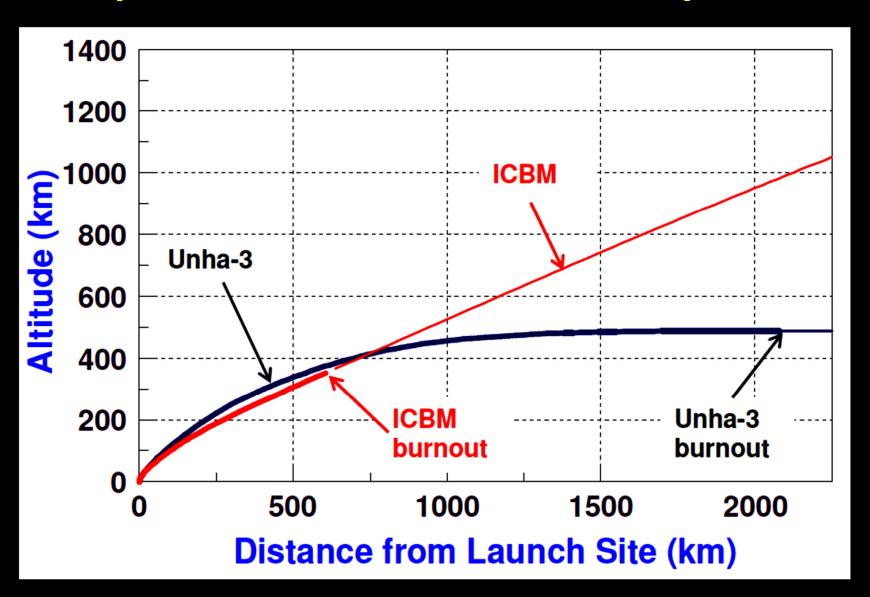
Comparison of Unha-2 and Unha-3 Flight Paths



Comparison of Unha-2 and Unha-3 Trajectories



Comparison of Unha-3 and ICBM Trajectories

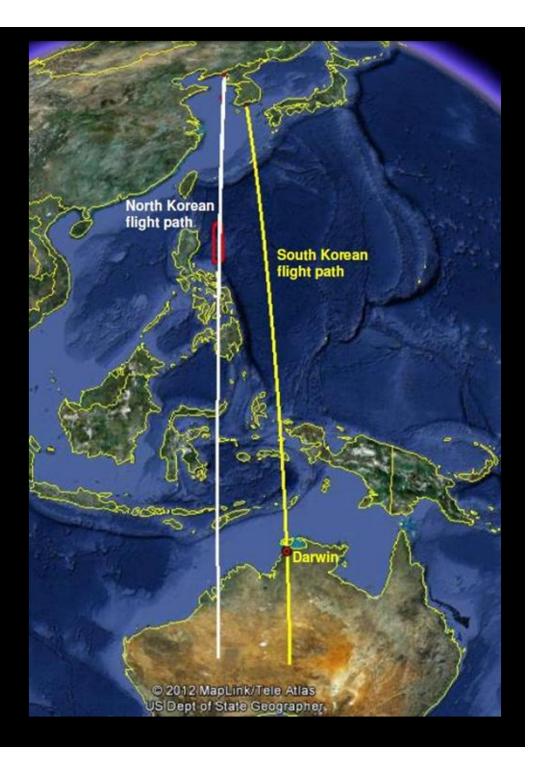


Unha-3 Failure

- Shows approximate location of splashdown according to information from US.
- Based on this information, failure appears to be during 1st stage burn.



Comparison of North and South Korean launch paths



Musudan Missile



New Missile Seen at April Parade



TEL





WS51200



Fueling a "Moveable" Missile



Chinese DF-3