DPRK Tests of Delivery Systems Prepared by 38 North at the US-Korea Institute at Johns Hopkins SAIS Operational In Development 2016 Legend SRBM MRBM IRBM ICBM SLV SLBM ASM August 24, 2016 SLBM (Suspected KN-11) August 3, 2016 July 19, 2016 SRBM (Scud) MRMB (Nodong)

July 9, 2016 SLBM (KN-11)

June 22, 2016 IRBM (Musudan)

May 31, 2016 IRMB (Musudan)

April 26, 2016 • IRMB (Musudan)

April 23, 2016 •

April 15, 2016 IRMB (Musudan)

April 9, 2016

March 24, 2016

March 16, 2016 March 15, 2016

February 7, 2016 SLV Launch (Unha-4)

December 21, 2015

November 28, 2015

Late July~ Mid August 21, 2015 •

May 9, 2015 • SLBM (KN-11)

April 22, 2015 • SLBM (KN-11)

January 23, 2015 SLBM (KN-11)

December 21, 2014 SLBM (KN-11)

Early August 2014

Long-Range Rocket Engine Test (Suspected) (KN-08)

Early June~ Early July, 2014 Long-Range Rocket Engine Test (Suspected) (KN-08)

Late March~ Early April 2014

Long-Range Rocket Engine Test (Suspected) (KN-08)

December 2013~ Early January 2014 Long-Range Rocket Engine Test (Suspected)

Late August, 2013

Long-Range Rocket Engine Test (Suspected)

Late March~ Early April, 2013 Rocket Engine Test (Suspected)

2014

2015

March 29, 2016

March 21, 2016

March 18, 2016 MRBM (Nodong)

March 10, 2016 SRBM (Scud)

June 14, 2015

April 3, 2015 SRBM (KN-02 Toksa) April 2, 2015 SRBM (KN-02 Toksa)

March 2, 2015 SRBM (Scud)

• February 8, 2015 SRBM (KN-02) February 7, 2015 ASM (KN-01)

> September 6, 2014 September 1, 2014

August 14, 2014 SRBM (KN-02 Toksa)

July 26, 2014 SRBM (Scud)

July 13, 2014 SRBM (Scud)

July 9, 2014 SRBM (Scud)

June 29, 2014 SRBM (Scud)

June 26, 2014 SRBM (KN-02 Toksa)

March 26, 2014

March 23, 2014 SRBM

March 22, 2014

March 16, 2014 **SRBM**

March 3, 2014 SRBM (Scud)

May 20, 2013 SRBM (KN-02 Toksa) May 19, 2013 SRBM May 18, 2013 SRBM

March 15, 2013 SRBM (KN-02 Toksa)

February 10, 2013 SRBM (KN-02 Toksa)

2013

February 27, 2014 SRBM (Scud)

Large Liquid-Fuel Rocket Engine Test (Suspected)

ICBM (Display of KN-08 Reentry Vehicle (RV) Nosecone)

Solid-Fuel Rocket Engine Test (Suspected)

Short-Range Ballistic Missile Medium-Range Ballistic Missile Intermediate-Range Ballistic Missile Intercontinental Ballistic Missile Satellite Launch Vehicle Submarine-Launched Ballistic Missile Anti-Ship Cruise Missile