GLOBAL NUCLEAR CAPABILITY MODERNIZATION:
GLOBALLY NUCLEAR-CAPABLE DELIVERY VEHICLES

Revisionist states – including Russia, China, North Korea, and Iran – are expanding and modernizing their nuclear-capable delivery systems.

RUSSIA

› Russia has recently deployed a new type of intercontinental ballistic missile (ICBM), is modifying a second, and is well on its way to fielding two new ICBMs – all of which can employ multiple reentry vehicles (MIRV).

› It has fielded a new type of submarine-launched ballistic missile and sea-launched cruise missile, while also putting to sea a new class of ballistic missile submarines (SSBN) and guided missile submarines.

› Russia is developing a diverse range of other strategic and non-strategic nuclear capabilities, including the Intermediate-range Nuclear Forces Treaty-violating SSC-8 and the “Status-6” torpedo.

› Additionally, over the last decade Russia has also deployed a variety of low-yield nuclear capabilities.

CHINA

› In the last decade Beijing has developed and fielded road-mobile and MIRV’d ICBMs, as well as far more capable SLBMs and ballistic missile submarines.

› China is also expanding and modernizing its non-strategic nuclear weapons, including the CSS-5 Mod 6 and DF-26, intended to threaten its neighbors and challenge the U.S.’s ability to conduct regional operations.

NORTH KOREA

› Pyongyang is developing a diverse range of ground- and sea-based nuclear weapons, capable of striking its neighbors and the United States homeland.

› The expansion and modernization of its nuclear-capable delivery vehicles strongly suggest that North Korea believes its nuclear weapons have “warfighting” benefits.

IRAN

› Tehran has advanced its missile delivery vehicle program, thereby reducing the time necessary to achieve an operational nuclear weapon — were it to choose this path.

› More troubling, Iran and North Korea are cooperating to accelerate their missile programs, which raises the specter of cooperation on other issues.

<table>
<thead>
<tr>
<th>STATE</th>
<th>ALCM</th>
<th>GRAVITY BOMBS</th>
<th>CRBM</th>
<th>SRBM</th>
<th>MRBM</th>
<th>IRBM</th>
<th>ICBM</th>
<th>GLCM</th>
<th>SLBM</th>
<th>SLCM</th>
<th>TORPEDO</th>
<th>ANTI-SHIP MISSILE</th>
<th>DEPTH CHARGES</th>
<th>ASM</th>
<th>ANTI-AIR MISSILE</th>
<th>ABM</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRC</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPRK</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iran</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>USA</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>