People’s Republic of China Military Forces in 2017

Background

The total active manpower of the PRC’s military is approximately 2,333,000 (Army 1,530,000; Navy 230,000; Marines 10,000; Air Force 343,000; Airborne 55,000; Strategic Missile Forces 100,000; Special Operations Forces 21,000; and Command and Support forces 43,000). In addition, there are approximately 510,000 reservists – most of less readiness for operational employment. There are a further approximately 760,000 Paramilitary personnel in active units (e.g., People’s Armed Police, Border Defense Force, and Coast Guard).

The PRC’s armed forces exercise regularly and increasingly train with international partners. The actual extent of improvements in the PRC’s equipment inventory and military doctrine remain difficult to assess without evidence from recent actual operations.

The PRC continues to expand its military capabilities. Combat, support, maritime and special-mission aircraft developments have continued; both the J-20 fighter which first flew in 2014 and the Y-20 military airlifter are now entering service in limited numbers. Anti-submarine-warfare is one of the areas of weakness the PLA is attempting to address, and an ASW dedicated variant of the Y-8 is being tested. Construction of indigenous destroyers and frigates and a second aircraft carrier continues; there are as-yet-unconfirmed reports that the PLA Navy introduced the new JL-2 submarine-launched ballistic missile into operational service in 2015.

The People’s Republic of China is divided into seven military regions:

Shenyang MR, Beijing MR, Jinan MR, Nanjing MR, Guangzhou MR, Chengdu MR, and Lanzhou MR

See map on next page
People’s Republic of China Military Forces in 2017

PRC Military Regions and PLAN Fleet HQs

[continued next page]
People’s Republic of China Military Forces in 2017

Chinese Active Military Forces

The ‘total force’ columns represent the maximum military ground/air/maritime capabilities resourced. The ‘max equiv potentially available expeditionary’ columns reflect those forces which reasonably could be employed outside of national territory within the next year (taking into consideration reserve mobilization and training times, supportability with available combat service support structure and national logistics, interoperability, rotational requirements, commitments to home defense, etc.).

<table>
<thead>
<tr>
<th>Ground</th>
<th>Ground</th>
<th>Air</th>
<th>Air</th>
<th>Maritime</th>
<th>Maritime</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHINA</strong></td>
<td><strong>Total Force</strong></td>
<td><strong>Max Equiv Potentially Avail Expeditionary</strong></td>
<td><strong>Total Force</strong></td>
<td><strong>Max Equiv Potentially Avail Expeditionary</strong></td>
<td><strong>Total Force</strong></td>
</tr>
<tr>
<td>Lanzhou MR</td>
<td>11 BDE</td>
<td>5 BDE</td>
<td>2 BS (H6)</td>
<td>1 BS (J11)</td>
<td>1 FS (J8)</td>
</tr>
<tr>
<td></td>
<td>1 SSMB</td>
<td></td>
<td>1 FS (J8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 PAC3B</td>
<td></td>
<td>3 FS (J7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>16 ASF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chengdu MR</td>
<td>7 BDE</td>
<td>3 BDE</td>
<td>1 FS (J11)</td>
<td>1 FS (J10)</td>
<td>1 FS (J10)</td>
</tr>
<tr>
<td></td>
<td>1 SSMB</td>
<td></td>
<td>1 FS (J7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 PAC3B</td>
<td></td>
<td>2 FS (J7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 ASF</td>
<td></td>
<td>1 ALS</td>
<td>1 ALS</td>
<td>1 ALS</td>
</tr>
</tbody>
</table>

BDE = ground combat brigade
BS = bomber squadron (approx 20 planes)
FS = fighter squadron (approx 20 planes)
ALS = airlift squadron [C-5/C-17 equiv]
AWAC = Airborne Warning & Control Package
CSG = Carrier Strike Group (incl escorts & aircraft)
SSG = diesel pwrd atk submarine group (2 boats)
SSNG= nuclear pwrd atk submarine group (2 boats)
SAG= surface action and/or anti-sub group
MEB/NIB = Marine/Naval Inf Amphib Brigade
ARG = amphib lift group (incl escorts)
MCMG = mine counter mine group
UAVS(R) = Unmanned air vehicle squadron (recon)
UAVS(A) = Unmanned air vehicle squadron (attack)
NSFT = Naval Special Forces Tm (approx. 20 pers)
ASFC = Army Special Forces Com (approx. 80 pers)
SSMB = Surface-to-surface missile Bde (12 launchers)¹
SSMB = Anti-ship missile Bde (16 launchers)
PAC3B = Patriot PAC3 Battery (6 launchers)²
THAADB = Thtr BMD Btry (6 launchers)
MDSAG = Missile defense surface action group

¹ Approx 2 reloads per launcher. Short/medium range ballistic missiles; see strategic attack chart below for long range systems.
² PAC3 equivalent for countries not aligned w USA.
People’s Republic of China Military Forces in 2017

China: Active Military Forces [continued]

The ‘total force’ columns represent the maximum military ground/air/maritime capabilities resourced. The ‘max equiv potentially available expeditionary’ columns reflect those forces which reasonably could be employed outside of national territory within the next year (taking into consideration reserve mobilization and training times, supportability with available combat service support structure and national logistics, interoperability, rotational requirements, commitments to home defense, etc.).

<table>
<thead>
<tr>
<th></th>
<th>Ground</th>
<th>Ground</th>
<th>Air</th>
<th>Air</th>
<th>Maritime</th>
<th>Maritime</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA</td>
<td>Total Force</td>
<td>Max Equiv Potentially Avail Expeditionary</td>
<td>Total Force</td>
<td>Max Equiv Potentially Avail Expeditionary</td>
<td>Total Force</td>
<td>Max Equiv Potentially Avail Expeditionary</td>
</tr>
<tr>
<td>Guangzhou MR</td>
<td>12 BDE</td>
<td>2 SSMB</td>
<td>2 PAC3B</td>
<td>2 ASMB</td>
<td>8 ASFC</td>
<td>1 NIB</td>
</tr>
<tr>
<td>GMR in Indian Ocean/Bay of Bengal</td>
<td>12 BDE</td>
<td>2 SSMB</td>
<td>2 PAC3B</td>
<td>2 ASMB</td>
<td>8 ASFC</td>
<td>1 NIB</td>
</tr>
</tbody>
</table>

BDE = ground combat brigade
FS = fighter squadron (approx 20 planes)
AWAC = Airborne Warning & Control Package
SSG = diesel pwrd atk submarine group (2 boats)
SAG = surface action and/or anti-sub group
ARG = amphib lift group (incl escorts)
UAVS(R) = Unmanned air vehicle squadron (recon)
NSFT = Naval Special Forces Tm (approx. 20 pers)
SSMB = Surface-to-surface missile Bde (12 launchers)³
PAC3B = Patriot PAC3 Battery (6 launchers)⁴
MDSAG = Missile defense surface action group

BS = bomber squadron (approx 20 planes)
ALS = airlift squadron [C-5/C-17 equiv]
CSG = Carrier Strike Group (incl escorts & aircraft)
SSNG = nuclear pwrd atk submarine group (2 boats)
MCMG = mine counter mine group
MEB/NIB = Marine/Naval Inf Amphib Brigade
UAVS(A) = Unmanned air vehicle squadron (attack)
ASFC = Army Special Forces Com (approx. 80 pers)
THAADB = Thtr BMD Btry (6 launchers)

³ Approx 2 reloads per launcher. Short/medium range missiles; see strategic attack chart for long range systems.

⁴ PAC3 equivalent for countries not aligned w USA.

[continued next page]
People’s Republic of China Military Forces in 2017

**China: Active Military Forces**

The ‘total force’ columns represent the maximum military ground/air/maritime capabilities resourced. The ‘max equiv potentially available expeditionary’ columns reflect those forces which reasonably could be employed outside of national territory within the next year (taking into consideration reserve mobilization and training times, supportability with available combat service support structure and national logistics, interoperability, rotational requirements, commitments to home defense, etc.).

<table>
<thead>
<tr>
<th>Ground</th>
<th>Max Equiv Potentially Avail Expeditionary</th>
<th>Ground</th>
<th>Max Equiv Potentially Avail Expeditionary</th>
<th>Air</th>
<th>Max Equiv Potentially Avail Expeditionary</th>
<th>Maritime</th>
<th>Max Equiv Potentially Avail Expeditionary</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA</td>
<td>Total Force</td>
<td>6 BDE</td>
<td>2 BS (H6)</td>
<td>1 BS (H6)</td>
<td>10 SSG</td>
<td>1 BS (J11)</td>
<td>3 SAG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 SSMB</td>
<td>2 FS (J11)</td>
<td>1 FS (J11)</td>
<td>SSNG</td>
<td>2 FS (J10)</td>
<td>1 FS (S30)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 PAC3B</td>
<td>6 FS (J10)</td>
<td>2 FS (J10)</td>
<td>1 UAVS(R)</td>
<td>1 FS (Q5)</td>
<td>9 SAG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 ASMB</td>
<td>2 FS (J8)</td>
<td>2 FS (J8)</td>
<td>10 SSG</td>
<td>1 UAVS(A)</td>
<td>1 AWAC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16 ASFC</td>
<td>1 FS (Q5)</td>
<td>1 FS (Q5)</td>
<td>3 SAG</td>
<td>2 FS (S30)</td>
<td>1 SAG</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 NIB</td>
<td>1 FS (Q5)</td>
<td>1 FS (Q5)</td>
<td>9 SAG</td>
<td>1 FS (S30)</td>
<td>1 SAG</td>
</tr>
<tr>
<td>Nanjing MR</td>
<td>3 BDE</td>
<td>2 BS (H6)</td>
<td>2 BS (H6)</td>
<td>1 BS (J10)</td>
<td>3 SSG</td>
<td>6 FS (J10)</td>
<td>1 BS (J10)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 ASFC</td>
<td>2 FS (J10)</td>
<td>2 FS (J10)</td>
<td>3 SAG</td>
<td>1 FS (S30)</td>
<td>1 FS (S30)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 NIB</td>
<td>1 FS (Q5)</td>
<td>1 FS (Q5)</td>
<td>9 SAG</td>
<td>1 UAVS(A)</td>
<td>1 AWAC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 AWAC</td>
<td>1 AWAC</td>
<td>1 ARG</td>
<td>2 FS (J10)</td>
<td>1 BS (J10)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 FS (J11)</td>
<td>3 SAG</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 FS (Q5)</td>
<td>1 SAG</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 FS (Q5)</td>
<td>1 SAG</td>
</tr>
</tbody>
</table>

**Note:**

- BDE = ground combat brigade
- BS = bomber squadron (approx 20 planes)
- FS = fighter squadron (approx 20 planes)
- AWAC = Airborne Warning & Control Package
- ALS = airlift squadron [C-5/C-17 equiv]
- PAC3B = Patriot PAC3 Battery (6 launchers)°
- AWAC = Airborne Warning & Control Package
- SSG = diesel pwrd atk submarine group (2 boats)
- SSNG = nuclear pwrd atk submarine group (2 boats)
- SAG = surface action and/or anti-sub group
- MCMG = mine counter mine group
- ARG = amphib lift group (incl escorts)
- MEB/NIB = Marine/Naval Inf Amphib Brigade
- UAVS(R) = Unmanned air vehicle squadron (recon)
- UAVS(A) = Unmanned air vehicle squadron (attack)
- NSFT = Naval Special Forces Tm (approx. 20 pers)
- ASFC = Army Special Forces Com (approx. 80 pers)
- SSMB = Surface-to-surface missile Bde (12 launchers)°
- CSG = Carrier Strike Group (incl escorts & aircraft)
- NSFT = Naval Special Forces Tm (approx. 20 pers)
- ASMB = Anti-ship missile Bde (16 launchers)
- MDSAG = Missile defense surface action group
- THAAD = Thtr BMD Btry (6 launchers)

° Approx 2 reloads per launcher. Short/medium range missiles; see strategic attack chart for long range systems.

° PAC3 equivalent for countries not aligned w USA.
People’s Republic of China Military Forces in 2017

China: Active Military Forces

The ‘total force’ columns represent the maximum military ground/air/maritime capabilities resourced. The ‘max equiv potentially available expeditionary’ columns reflect those forces which reasonably could be employed outside of national territory within the next year (taking into consideration reserve mobilization and training times, supportability with available combat service support structure and national logistics, interoperability, rotational requirements, commitments to home defense, etc.).

<table>
<thead>
<tr>
<th>CHINA</th>
<th>Ground Total Force</th>
<th>Ground Max Equiv Potentially Avail Expeditionary</th>
<th>Air Total Force</th>
<th>Air Max Equiv Potentially Avail Expeditionary</th>
<th>Maritime Total Force</th>
<th>Maritime Max Equiv Potentially Avail Expeditionary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jinan MR</td>
<td>7 BDE</td>
<td>2 FS (J11)</td>
<td>1 FS (J11)</td>
<td>1 FS (J8)</td>
<td>1 CSG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 PAC3B</td>
<td>1 FS (J10)</td>
<td>3 FS (J7)</td>
<td>1 SSNG</td>
<td>1 SSNG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 ASMB</td>
<td>1 FS (J8)</td>
<td>1 UAVS(R)</td>
<td>1 MDSAG</td>
<td>1 MDSAG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>16 ASFC</td>
<td>4 FS (J7)</td>
<td>12 SSNG</td>
<td>2 SAG</td>
<td>2 SAG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8 ASFC</td>
<td>1 FS (Q5)</td>
<td>1 MCMG</td>
<td>1 MCMG</td>
<td>1 MCMG</td>
<td></td>
</tr>
</tbody>
</table>

JMR In SMR

BDE = ground combat brigade
FS = fighter squadron (approx 20 planes)
AWAC = Airborne Warning & Control Package
SSG = diesel pwrd atk submarine group (2 boats)
SAG= surface action and/or anti-sub group
ARG = amphib lift group (incl escorts)
UAVS(R) = Unmanned air vehicle squadron (recon)
NSFT = Naval Special Forces Tm (approx. 20 pers)
SSMB = Surface-to-surface missile Bde (12 launchers)7
PAC3B = Patriot PAC3 Battery (6 launchers)8
MDSAG = Missile defense surface action group

[continued next page]

7 Approx 2 reloads per launcher. Short/medium range missiles; see strategic attack chart for long range systems.

8 PAC3 equivalent for countries not aligned w USA.
People’s Republic of China Military Forces in 2017

China: Active Military Forces

The ‘total force’ columns represent the maximum military ground/air/maritime capabilities resourced. The ‘max equiv potentially available expeditionary’ columns reflect those forces which reasonably could be employed outside of national territory within the next year (taking into consideration reserve mobilization and training times, supportability with available combat service support structure and national logistics, interoperability, rotational requirements, commitments to home defense, etc.).

<table>
<thead>
<tr>
<th></th>
<th>Ground</th>
<th>Ground</th>
<th>Air</th>
<th>Air</th>
<th>Maritime</th>
<th>Maritime</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Force</td>
<td>Max Equiv Potentially Avail Expeditionary</td>
<td>Total Force</td>
<td>Max Equiv Potentially Avail Expeditionary</td>
<td>Total Force</td>
<td>Max Equiv Potentially Avail Expeditionary</td>
</tr>
<tr>
<td><strong>CHINA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shenyang MR</td>
<td>9 BDE</td>
<td>1 SSMB</td>
<td>2 PAC3B</td>
<td>1 ASMB</td>
<td>12 ASFC</td>
<td>4 BDE</td>
</tr>
<tr>
<td>Beijing MR</td>
<td>15 BDE</td>
<td>2 PAC3B</td>
<td>1 ASMB</td>
<td>8 ASFC</td>
<td>6 ASFC</td>
<td>6 BDE</td>
</tr>
</tbody>
</table>

BDE = ground combat brigade  BS = bomber squadron (approx 20 planes)
FS = fighter squadron (approx 20 planes)  ALS = airlift squadron [C-5/C-17 equiv]
AWAC = Airborne Warning & Control Package  CSG = Carrier Strike Group (incl escorts & aircraft)
SSG = diesel pwrd atk submarine group (2 boats)  SSG = nuclear pwrd atk submarine group (2 boats)
ARG = amphib lift group (incl escorts)  MCMG = mine counter mine group
UAVS(R) = Unmanned air vehicle squadron (recon)  MEB/NIB = Marine/Naval Inf Amphib Brigade
UAVS(A) = Unmanned air vehicle squadron (attack)
NSFT = Naval Special Forces Tm (approx. 20 pers)  ASFC = Army Special Forces Com (approx. 80 pers)
SSMB = Surface-to-surface missile Bde (12 launchers)  ASMB = Anti-ship missile Bde (16 launchers)
PAC3B = Patriot PAC3 Battery (6 launchers)  THAADB = Thtr BMD Btry (6 launchers)
MDSAG = Missile defense surface action group

[continued next page]

---

9 Approx 2 reloads per launcher. Short/medium range missiles; see strategic attack chart for long range systems.

10 PAC3 equivalent for countries not aligned w USA.
**People’s Republic of China Military Forces in 2017**

**China: Reserve Military Forces**

The ‘total force’ columns represent the maximum military ground/air/maritime capabilities resourced. The ‘max equiv potentially available expeditionary’ columns reflect those forces which reasonably could be employed outside of national territory within the next year (taking into consideration reserve mobilization and training times, supportability with available combat service support structure and national logistics, interoperability, rotational requirements, commitments to home defense, etc.).

<table>
<thead>
<tr>
<th></th>
<th>Ground Total Force</th>
<th>Ground Max Equiv Potentially Avail Expeditionary</th>
<th>Air Total Force</th>
<th>Air Max Equiv Potentially Avail Expeditionary</th>
<th>Maritime Total Force</th>
<th>Maritime Max Equiv Potentially Avail Expeditionary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CHINA</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lanzhou MR</td>
<td>2 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chengdu MR</td>
<td>3 BDE, 1 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guangzhou MR</td>
<td>4 BDE, 1 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nanjing MR</td>
<td>4 BDE, 1 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jinan MR</td>
<td>5 BDE, 2 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shenyang MR</td>
<td>4 BDE, 1 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beijing MR</td>
<td>6 BDE, 2 BDE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

BDE = ground combat brigade  
BS = bomber squadron (approx 20 planes)  
FS = fighter squadron (approx 20 planes)  
ALS = airlift squadron [C-5/C-17 equiv]  
AWAC = Airborne Warning & Control Package  
CSG = Carrier Strike Group (incl escorts & aircraft)  
SSG = diesel pwrd atk submarine group (2 boats)  
SSNG = nuclear pwrd atk submarine group (2 boats)  
SAG = surface action and/or anti-sub group  
MEB/NIB = Marine/Naval Inf Amphib Brigade  
ARG = amphib lift group (incl escorts)  
UAVS(R) = Unmanned air vehicle squadron (recon)  
UAVS(A) = Unmanned air vehicle squadron (attack)  
NSFT = Naval Special Forces Tm (approx. 20 pers)  
ASFC = Army Special Forces Com (approx. 80 pers)  
SSMB = Surface-to-surface missile Bde (12 launchers)  
ASMB = Anti-ship missile Bde (16 launchers)  
PAC3B = Patriot PAC3 Battery (6 launchers)  
THAADB = Thtr BMD Btry (6 launchers)  
MDSAG = Missile defense surface action group

[continued next page]

11 Approx 2 reloads per launcher. Short/medium range missiles; see strategic attack chart for long range systems.

12 PAC3 equivalent for countries not aligned w USA.
People’s Republic of China Military Forces in 2017

PRC Maritime Defensive “Layers” in 2017

See also PRC Strategic Attack information beginning on next page

[continued next page]
People’s Republic of China Military Forces in 2017

PRC Missile Defense and Strategic Attack in 2017

The following chart depicts PRC capabilities for defense against missile threats, for conducting nuclear attacks, and for space systems, available in 2017.

<table>
<thead>
<tr>
<th>NATION</th>
<th>Missile Defense</th>
<th>Strategic Attack</th>
<th>Space Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRC</td>
<td>Some limited capability for BMD.</td>
<td>2 BS (H6), [118 warheads]</td>
<td>5 Comm Sat</td>
</tr>
<tr>
<td></td>
<td>36 pt vs IRBM</td>
<td>20 ICBM [20 warheads]</td>
<td>17 Nav Sat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30-34 MICBM [34 warheads]</td>
<td>15 ELINT Sat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>16 IRBM [16 warheads]</td>
<td>31 ISR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>36 MIRBM [36 warheads]</td>
<td>10 Ground Stations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45-55 LACM [45-55 warheads]</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 SSBN (only 1 with opnl missiles [12] – remainder retrofitting to new missile) [48-62 warheads, but only 12 currently mounted on missiles]</td>
<td></td>
</tr>
</tbody>
</table>

BMD = Ballistic Missile Defense suitable vs. ICBMs
IRBM = Intermediate Range Ballistic Missile
MIRBM = Mobile Intermediate Range Ballistic Missile
SSBN = Nuclear Ballistic Missile Submarine
SSGN = Nuclear Guided Missile Submarine
ICBM = Intercontinental Ballistic Missile (fixed site)
MICBM = Mobile Intercontinental Ballistic Missile
LACM = Land Attack Cruise Missile (nuclear warhead)
BS = Bomber Squadron (approx 10-12 planes) capable of delivering nuclear weapons

Majority of MIRBM and LACM will be armed with only w conventional warheads. SSBNs currently are dual-based, one (operational missiles) w the North Sea Fleet (Jinan MR) and three (retrofitting to new missiles) w the South Sea Fleet (Guangzhou MR).

BMD capabilities includes some phased array radar; some detection and tracking radars (covering Central Asia and Shanxi on the northern border) located in Xinjiang province. The PLA has developed anti-ballistic missiles; most are believed effective only against IRBM or SRBM; however, based on their successful anti-satellite tests in 2010 and 2013, assume they have at least a limited anti-ICBM capability.

See additional information on offensive systems on next page

[continued next page]

SIMULEX 2015 – For Educational Purposes Only
People’s Republic of China Military Forces in 2017

PRC Missile Defense and Strategic Attack in 2017 [continued]

SIMULEX 2015 Startex locations for the PRC’s land based nuclear capable Strategic Rocket Forces:

- **51st Base at Shenyang**
  - 810th Brigade (3 DF-3/CSS-2) at Dengshahe
  - 806 Brigade (6 DF-21/CSS-5) at Huanglong

- **52nd Base at Huangshan**
  - 807th Brigade (3 DF-3/CSS-2) at Lianxiwang
  - U/I Brigade (6 DF-21/CSS-5) at Ningbo

- **53rd Base at Kunming**
  - 802nd Brigade (6 DF-21/CSS-5) at Jianshui
  - 808th Brigade (6 DF-21/CSS-5) at Chuxiong
  - 821st Brigade (15-18 DH-10) at Luorong

- **54th Base at Luoyang**
  - 801st Brigade (5 DF-5/CSS-4) at Lushi
  - 804th Brigade (5 DF-5/CSS-4) at Luoyang
  - U/I Brigade (8 DF-31A) at Xixia
  - 813th Brigade (8-10 DF-31) at Nanyang
  - U/I Brigade (5 DF-4/CSS-3) at Sundian

- **55th Base at Huaihua**
  - 803rd Brigade (5 DF-5/CSS-4) at Jingxian
  - 814th Brigade (5 DF-5/CSS-4) at Jingxian
  - 805th Brigade (5 DF-4/CSS-3) at Tongdao
  - U/I Brigade (15-18 DH-10) at Mahai

- **56th Base at Delingha**
  - 812th Brigade (8 DF-31A) at Beidao
  - U/I Brigade (8 DF-31A) at Xining
  - 809th Brigade (6 DF-21/CSS-5) at Datong
  - 823rd Brigade (6 DF-21/CSS-5) at Korla
  - U/I Brigade (15-18 DH-10) at Mahai

See also map on next page

[continued next page]
PRC Strategic Attack Bases in 2017

The following chart depicts PRC total long range/strategic ballistic missile and land attack cruise missile inventories available in 2017:

<table>
<thead>
<tr>
<th>China’s Missile Inventory</th>
<th>Ballistic and Cruise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Missiles</td>
<td>Launchers</td>
</tr>
<tr>
<td>DF-3A/CSS-2</td>
<td>0</td>
</tr>
<tr>
<td>DF-4/ CSS-3</td>
<td>10</td>
</tr>
<tr>
<td>DF-5/ CSS-4</td>
<td>20</td>
</tr>
<tr>
<td>DF-31</td>
<td>&lt;10</td>
</tr>
<tr>
<td>DF-31A</td>
<td>24</td>
</tr>
<tr>
<td>DF-21/ CSS-5</td>
<td>110</td>
</tr>
<tr>
<td>DH-10</td>
<td>200-500</td>
</tr>
<tr>
<td>JL-2</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

Towed launcher IRBM
Fixed launcher IRBM
Silo ICBM
Mobile ICBM
Mobile IRBM
Land Attack Cruise Missile
Submarine launched BM

See also range fans on map on next page

[continued next page]
People’s Republic of China Military Forces in 2017

PRC Ballistic Missile Ranges in 2017

[continued next page]
Cyber and the People’s Liberation Army\(^ {13} \)

The People’s Liberation Army has devoted much attention to information warfare over the past decade, both in terms of battlefield Electronic Warfare and wider, cyber-warfare capabilities. The PLA’s main IW/cyber doctrine has been its “Integrated Network Electronic Warfare” document, which guides PLA computer-network operations.

Recently, however, PLA thinking appears to have moved beyond the largely defensive focus of the INEW concept towards a new concept of “information confrontation” which aims to integrate both electronic and non-electronic aspects of information warfare within a single command authority. This PLA thinking sees warfare under “informationized” conditions as characterized by opposing sides using completely integrated systems of ground, naval, air, space and electromagnetic forces. It aspires to link all service branches to create a system of systems to improve battlespace situational awareness. In addition, all recent major PLA military exercises have had cyber and information-operations components that have been both offensive and defensive in nature.

China’s cyber assets fall under the command of two sub-departments of the General Staff Department. Computer-network attacks and EW come under the 4th Department (Electronic Counter-Measures [ECM]), and computer-network defense and intelligence gathering come under the 3rd Department (Signals Intelligence [SIGINT]). The 3rd Department (3PLA) is also supported by a variety of “militia” units comprising both military cyber-warfare personnel and civilian hackers. One of these units, identified only as “Unit 61398”, is alleged to have systematically exfiltrated substantial amounts of data from more than 141 Western, mainly US, commercial companies since its facility in Shanghai became operation about a decade ago.

---

\(^ {13} \) Cyber information is from the 2015 Military Balance, Chapter 6, p 246.