



## CCM SMITH - CHINA BACKGROUNDER

### October 2021

- Warring States and 14 Dynasties
  - Three Kingdoms (220-280)
    - Wei, Shu, and Wu States
    - Bloodiest Period in Chinese History
  - Ten Kingdoms (South)/Five Dynasties (North) (907-979)
    - Country Under Military Control
  - Song (960-1279) (25% of current China...Jin, Dali, Uyghurs, Xia, and Tufan were others)
    - Focused on reuniting the Country
    - First known recording of gunpowder formula
    - First permanently standing Navy for China
  - Yuan (1271-1368) (90% of present China)
    - Mongol Khanate under Kublai Khan
    - Islam in China's Western Provinces
  - Ming (1368-1644)
    - Capitol moved to Beijing (1420)
    - Continual conflicts with Mongols
    - Imjin Wars with Japan (control over Korea) (1592-1598)
    - Last rule of Han ethnic group
  - Qing (1644-1911) (Modern China Borders)
    - Opium Wars (1839-1842 and 1856-1858)
      - Shaped China thoughts on trade and imperialism
      - Weak military led to route and forcible acceptance on foreign trade
    - Taiping Rebellion (1850-1864)
      - Chinese Civil War
      - Religious sect vs State
    - Boxer Rebellion (1900)
      - Rise of nationalism...anti-imperialism, anti-religion, and anti-foreign
      - Unfair trade practices...precursor for end of Qing dynasty
    - Rise of the working class
  - End of Dynasties and Sun Yat-Sen (1911-1912)
  - Chang Kai-Shek and the Kuomintang
    - Long on promises but short on delivery to the people
    - At war with Communists and Japan
  - Communist Revolution (1927-1949)
  - Mao Zedong (1949-1978)
    - Local dissent "I saw a parade and I leapt in front..."
    - Uprising "a single spark can start a prairie fire..."
    - Long March "We encountered untold difficulties and great obstacles during the Long March but by keeping our two feet going, we swept..."
    - Revolution/Rebirth (KMT Taiwan) "To win a countrywide victory is only the first step in a long march"
    - Great Leap Forward (1958) "more, faster, better, cheaper"

**(CHINA STANDS UP)**

- Sino-Russian Split (1956-1966)
- Cultural Revolution (1966-1976)
- Engagement with West and Opening (1972)
- Deng Xiaoping (1978-1993) **(CHINA GETS RICH)**
  - One China Policy and Three Communiques (US-PRC agreements on Taiwan 1972, 1979, 1982)
  - Hong Kong and Macau (One Country, Two Systems) (2014 Umbrella Revolution)
  - Reform and Trade
    - Four Modernizations (Agriculture, Industry, Defense, Science and Technology)
  - Tiananmen Square (1989) and reforms

- Zing Zemin (1993-2003) **(CHINA GOES GLOBAL)**
  - Belgrade Embassy bombing (1999)
  - Unrestricted Warfare published (Economic, Cyber, Info, Lawfare)
  - Three Represents (2000) (economic development, culture development, political consensus)
- Hu Jintao (2003-2013)
  - Opening Up (trade and access to the global commons)
  - Cyber development and trade
  - Three Warfare Strategy (2003)
    - Public Opinion
    - Legal Challenges
    - Psychological Operations
  - Science of 2<sup>nd</sup> Artillery (start of long range fires...nuclear and missile force prep)

- Xi Jinping (2013-present) **(CHINA GETS POWERFUL)**
  - Three Hats of Xi
    - President of China
    - General Secretary of Chinese Communist Party (CCP)
    - Chairman of Central Military Commission (CMC)
  - Chinese Government Ends
    - Preserve CCP Rule
    - Ensure Domestic Security
    - Defend Territorial Integrity
    - Sustain Economic Growth
  - **Belt and Road Initiative (BRI) or One Belt, One Road (OBOR)**
    - Announced in Kazakhstan in 2013
    - Silk Road Economic Belt (SREB)
      - Six Infrastructure Corridors (Expanding Trade)
        - New Eurasia Land Bridge
        - China-Mongolia-Russia Economic Corridor
        - China-Central Asia-West Asia Economic Corridor
        - China-Indochina Economic Corridor
        - China-Pakistan Economic Corridor
        - Bangladesh-China-India-Myanmar Economic Corridor



(1) The New Eurasia Land Bridge Economic Corridor

- China Road and Bridge Corporation
  - Myanmar: Ruili-Mandalay-Kyaukphyu pipeline vignette (Kumming to Lashio)
  - Standard Gauge Railway in Africa (use of Prison Labor)
  - Engines in Mandarin Language
  - United Front Department (Chinese Labor/Management)
- Leverage Asian Infrastructure Investment Bank (57 Founding Members/\$7 Trillion)
- Debt Trap Diplomacy (Airport in Zambia, Debt in Latin/South America, Central Asia)
- 17+1 or Cooperation of Central and Eastern European Countries (CEEC)

- 21st Century Maritime Silk Route (MSR)
  - Announced in Jakarta, Oct 2013
  - String of Pearls
    - Port-Park-City-Dual Use (Shipping and Supply Chains)
    - Hambantota, Gwadar, Chittigong, Sittye, Port Sudan, Djibouti, Koh Koong
  - South China Sea (economic exclusion zone and island building)
    - People's Armed Forces Maritime Militia (PAFMM)
    - "War without Gun Smoke"
    - Sanya City Fugang Fisheries Vignette (Vessels, Canneries, Ice Factories)
  - Taiwan Encirclement
  - East China Sea (Senkaku Islands)
  - Distant Water Fishing Fleet (17K boats)(IUU: Illegal, Unreported, Unregulated)
  - Mekong River Expansion (10+3 dams including Xiaowan)
  - Underwater Great Wall (Acoustic Great Wall)
- Digital Silk Road (Four Sub-Categories)
  - Subterranean
    - SEA-ME-WE 5 Fiber Optic Cable (China Unicom, Telecom, ChinaMobile)
    - Huawei Marine Networks (China-Chile Undersea Cable)
  - Terrestrial
    - China-Pakistan Fiber Optic cable
    - Cell Towers globally (5G grid with Huawei and ZTE)
      - China Tower (China Mobile-Telecom-Unicom venture)
      - 1.95M sites...US has 230K
  - Space
    - BeiDou Navigation Satellite System (BDS)
      - Asia coverage (2012)
      - Jilin Satellite Launches (257 Satellites on orbit as of Dec 2020)
      - Global coverage (2020) (millimeter accuracy)
      - 35 BDS-3 in orbit (27 MEO/5 GEO/3 Inclined GEO)
  - Cyber
    - Tencent (SM, games, e-commerce)
    - Alibaba (\$25B IPO in 2014...\$500B value)
    - Wechat (1B users...messaging, SM, and payment platform)
    - Youku (500M daily users)
    - Social Credit System (businesses and citizens by 2020)
    - Smart/Safe City Initiatives and digital recognition (dual use)
- Polar Silk Road
  - Northern Sea Route (5200KM shorter to Europe than Suez...\$700B annually)
  - Arctic Policy (Jan 2018: Environment, Governance, Peace, Resources, Exploration)
  - Trade (Europe and China agreements)
- Two Centenaries (1997: 15<sup>th</sup> Party Congress and Revived in 2012 during 18<sup>th</sup> Party Congress)
  - Chinese Dream (2012)
    - Moderately well-off society by 2021 (founding of CCP in 1921)
    - Fully developed Nation by 2049 (founding of PRC in 1949)
- Century of Humiliation (2049)
  - Dominated by Western Powers (1839-1949)
  - "Unequal Treaties" (Only a strong China will prevent West from taking advantage)

- Made in China 2025 (2015)
  - Thousand Talents Plan (student visas to US Universities)
  - Transition from world's "factory" to high end goods
  - Focus on 10 key tech areas
    - Pharmaceuticals, Autos, Aerospace, Semiconductors, IT, and Robotics
    - Agriculture, Green Energy, Ocean Equipment, Materials Science
  - Confucius Institutes (1000 CI in 2020)
- 19<sup>th</sup> Party Congress-5<sup>th</sup> Plenum and 14<sup>th</sup> Five Year Plan (Mar 2021)
  - Met political goal of moderately prosperous (7.9% GDP Growth 21Q2)
  - Set goals of innovation, green development, regional coordination, int'l openness
  - Xi forecasted to remain in power for third term
- China Military
  - Defense White Papers
    - 2008 – PLA Reform and Modernization
    - 2010 – Modernization of use of Military; Taiwan Straights security
      - China's Power Rising, Multipolarity, Complex International Security
    - 2013 – Diversified Employment of Armed Forces
      - International Situation, Taiwan, National Sovereignty, Strong Defense
    - 2015 – Strong Military as basis for China's Strategic Deterrence Posture
      - Shift from Ground to Joint, Naval, and Aerospace...reorganization of C2)
    - 2019 – International Strategic Competition (51-page counter to US NSS/NDS)
      - Red Lines Established (South China Sea, Taiwan, Senkaku/Diaoyu)
  - Theater/Joint Commands (reorganized in Feb 2016)
    - Northern, Southern, Eastern, Western, Central Commands
    - C2 systems and upgrades
  - PLA Army (PLAA)
    - 13 Army Groups
    - Brigades: 78 Combined Arms, 15 Artillery, 13 Aviation, 1 Mech Inf
  - PLA Navy (PLAN)
    - 2 Acft Carriers, 10 Nuclear Subs, 50 Diesel Subs, 28 Destroyers, 51 Frigates
    - Type 003 Carrier, Type 55 Destroyers
    - More than 300 Vessels (Power Projection and Blue Water Fleet)
    - Acoustic Sensors (Underwater Great Wall)
    - JL-2/JL-3 Submarines (Type 093B Shang and Type 094 Jin)
  - PLA Air Force (PLAAF)
    - 2500+ aircraft/1700+ combat coded (Ftr: J-20/J-31, Bomber: H-6)
    - Fighters: J-20/J-31
    - Bomber: H-6N (with CH-AS-X-13 JINGLEI ALBM)
  - PLA Rocket Forces (PLARF)
    - ICBM: DF-4/DF-31 (Dongfeng or "East Wind")
    - DF-5/DF-41
    - SRBM: DF-11/15/16
    - MRBM: DF-21/DF-26
  - PLA Strategic Support Force (SSF)
    - Information Warfare
    - Cyber
    - Electronic Warfare
    - Satellite Ground Control



## CCM SMITH - RUSSIA BACKGROUNDER

### March 2022

- Grand Duchy of Moscow (1283)
  - Under control of the Mongols
  - Beginning of Russian Liberation (perpetual threat of invasion narrative)
- Ivan the Great (1462-1505)
  - Capitalized on Russian and Orthodox loyalties
  - Freed from occupation in 1480 (two headed eagle became symbol of Russia)
  - Encouraged Peasants (Cossacks) to seize land from Mongols (territorial expansion)
- Ivan IV: Ivan the Terrible (1533-1584)
  - Expanded Russian land all the way to Volgograd
  - Followed by "Time of Troubles" (1604-1613)
  - Founding of the Romanov Dynasty (lasted until 1917)
- Peter the Great (1689-1725)
  - Created Russia's first Navy
  - Hired Western advisors to train the Army
  - Established Siberian prisons for those who opposed his rule
- Catherine the Great (1762-1796)
  - Defeated Ottomans and took Caucasus (1768-1774)
  - Extended Russia to incorporate Southern Ukraine
  - Defeated and divided Poland (until after WWII)
- Vladimir Lenin (1917-1924)
  - Bolshevik Revolution (October 1917)
  - Nationalization of the Orthodox Church and the Red Terror (1918-1922)
- Joseph Stalin (1941-1953)
  - World War II and Yalta
  - Collectivization
  - Cold War Policy (1947-1950)
  - Rise of Nuclear Russia...the Atomic Bomb and Parity (1949)
  - Eastern Bloc and the Iron Curtain (1947)
- Nikita Khrushchev (1953-1964)
  - Missile Defense (Rise of the Strategic Rocket Force and ICBMs)
  - Cuba Missile Crisis
  - Sputnik (First orbit in 1957) and Vostok 1 (Yuri Gagarin 1961)
  - Hungarian Uprising (23 Oct – 10 Nov 1956)
- Leonid Brezhnev (1964-1982)
  - Doctrine and Warsaw Pact
    - Prague Spring (5 Jan – 21 Aug 1968)
  - SALT (Arms) and Helsinki Treaty (Hegemony over Eastern Europe)
  - Anti-Ballistic Missile Treaty (1972 – 2002)
  - Afghanistan
    - US support for Mujahedeen
- Gorbachev (1985-1991)
  - Perestroika (Restructuring) and Glasnost (Opening)

**(RUSSIA GETS COLD)**

**(RUSSIA CONCEDES)**

## - Security Treaties with Russia

- 1975: Helsinki Pact
- Conference on Security and Cooperation in Europe (CSCE became OSCE on 1 Jan 95)
- 1987: Intermediate-Range Nuclear Forces Treaty (INF. US withdrew on 2 Aug 19)
- 1990: Conventional Armed Forces in Europe Treaty (Russia suspended 2007/halted 2015)
- 1990: Vienna Document of 1990 (Armed Forces Transparency)
- 1990 Charter of Paris (Democracy as only system of government)
- 1992: Open Skies Treaty (US Withdrew Nov 20/Russia Withdrew Dec 21)
- 1994 Budapest Memorandum (nukes out of UKR in exchange for territorial integrity)
- 1997 NATO-Russia Founding Act

## - Putin (1999-Present)

**(RUSSIA COMPETES)**

- 2005-2007: Oil Prices reach \$85-\$100 per barrel
  - US: \$57 per barrel benchmark
  - Russia: \$18 per barrel benchmark
- 2007 Munich Security Conference (Blames West/US for global hegemony and insecurity)
  - United States monopolistic dominance in global relations
  - United States almost uncontained hyper use of force in international relations
  - Unipolarity and imbalance/instability
- 2008 "New Look" Military Reforms
  - 70% of military equipment upgraded by 2020
  - Three Tier Ground Force System: DISTRICT-ARMY-BRIGADE model
  - Overhaul of Russian Military Decision-Making Process (MDMP)
  - Upgrade to Digital Architecture
  - Overhaul of Russian C4ISR and Mission Command
- Putin's Grand Strategy: Russkiy Mir (Russian World)
  - Ideology: Russian genetic preeminence, outward looking
  - Territory: Russian Imperial World and Frozen Conflicts
    - Moldova (Transnistria)
    - Ukraine (Crimea and Donbass)
    - Georgia (South Ossetia and Abkhazia)
    - Azerbaijan/Armenia (Nagorno-Karabakh)
  - People: Russians, the Diaspora, and the "Enterprise" (NGOs, Church, Criminal Orgs, etc)
    - Oligarchs and the Siloviki (Consolidation of power)
- Maskirovka: Masking and Deception
  - Use of denial, deception, camouflage to attain advantage over opponents
- Gerasimov Doctrine (Mark Galeotti's 2013 article misinterpretation)
  - Six Phases of Non-Linear Warfare
    - Covert: non-attributable actions leading to an issue
    - Escalation: whole of society implication/accusation
    - Conflict: partisan or popular uprising in a region or nation
    - Crisis: Russia enters to help preserve/restore peace
    - Resolution: Russia proffers end to crisis between Nation and partisans
    - Normalization: lines redrawn to frozen conflict
  - Whole of Government Warfare (Military and Non-Military Measures)
  - Fusion of Hard and Soft Power / Permanent Conflict Transcending War and Peace

- 12 Key Aspects of Hybrid Warfare:

1. Economic: Nationalization of Gas and Oil (Gazprom, Rosneft, Lukoil) (Yukos/Khodorkovsky)
2. Rail and Transportation Upgrades (Western Military District – SNAP exercise Vignette)
3. Conventional Forces: Upgrades and Combined Arms Armies to Battalion Tactical Groups (BTGs)
4. Exercises: SNAP Exercises to increase readiness (ZAPAD, VOSTOK, KAVKAZ)
5. Nuclear: Upgraded SONF Triad (TU-22, RS-26/SS-27, SS-N-30A examples)
6. Media: Restriction of free press and consolidation of media in support of government
7. Cyber: Hacktivists, Trolls, Bots (Elections and Bronze Soldier Incident)
8. Little Green Men: Lack of identification and attribution to create ambiguity
9. Private Military Contractors: Lack of attribution (Slavonic Corps, Wagner, Vega, etc)
10. Orthodox Church: Leverage religious background to justify perception of attack (Diasporas)
11. Biker Gangs/Simulation Groups: Intimidate local leaders/create fear (Zaldostanov example)
12. Expeditionary Operations: Moldova, Georgia, Ukraine, Syria, Venezuela, Nicaragua, Libya

- Hybrid Warfare

- Information: Social/State Media, Amplify/Exploit vs Minimize/Divert, Spam/Blame/Shame
- Electronic: Cell Phone Vignette, Jamming, Spoofing, Denial of Services
- Economic: Gas/Oil Pipeline Disruption, Military Sales, BRICS/CSTO/EAU (25% Global GDP)
- Lawfare: Attribution (MH17), Counterclaim, “Fascism” narrative, Courts, Politics and UN
- Unorthodox: Church, Separatists, Criminals, NGOs, Volunteer Media, Peace keepers/PMCs

- Ukraine (Crimea, Kerch Strait/Sea of Azov, Donbass [Luhansk and Donetsk People’s Republics])

- Syria and support for Assad

- Libya and support for Haftar

- Venezuela and support for Maduro

- PMCs in Mali and Central African Republic

- Russia National Defense Strategy (2015)

- 6 Long Term National Interests: Defense, Stability, Living Standards, Culture, Economy, World Power

- 8 Strategic Priorities: Defense, Security, Growth, S+T, Health, Culture, Natural Resources, Stability

- Russia in Space

- GLONASS Satellite System (GNSS)

- First Launch in 1982

- GLONASS M (24 operational) and GLONASS K1/K2 (2 satellites operational)

- PL-19 Nudol Anti-Satellite Missile (A-SAT)



## - Russia Military Structure

- **Western** Military District: 1<sup>st</sup>, 6<sup>th</sup>, 20<sup>th</sup> Armies, 45<sup>th</sup> VDV, 11<sup>th</sup> Army Corps (K-Grad), Baltic Fleet
- **Southern** Military District: 8<sup>th</sup>, 49<sup>th</sup>, 58<sup>th</sup> Armies, 56<sup>th</sup> VDV, Black Sea Fleet, 4<sup>th</sup> Air/Air Defense
- **Eastern** Military District: 5<sup>th</sup>, 29<sup>th</sup>, 35<sup>th</sup>, 36<sup>th</sup>, 68<sup>th</sup> Armies, Pacific Fleet, 11<sup>th</sup> Air/Air Defense
- **Northern** Military District: 14<sup>th</sup> Army Corps, Northern Fleet, 1<sup>st</sup> Air/Air Defense
- **Central** Military District: 2<sup>nd</sup>, 41<sup>st</sup> Armies, 31<sup>st</sup> VDV, 14<sup>th</sup> Air/Air Defense

## - Russian Branches (DIA, 2017)

- <b>Ground Forces:</b>	395K	T-72B3, BMP-2, BMP-3, BTR-82		
- <b>Air Forces (VKS):</b>	148K	SU-57 (PAK-FA)	12	5 <sup>th</sup> Generation Fighter
		Mig-31/SU-27:	420	Fighter
		SU-33/34/35	345	Multi-Role
		SU-30	215	Attack
		TU-22/95/160	141	Bomber
		KH-101		ALCM Conventional
		KH-102		ALCM Nuclear
- <b>Naval Forces:</b>	130K	Dolgorukiy/Delta IV	13	SSBN Submarine
		Oscar III	8	SSGN Submarine
		Severodvinsk	2	SSGN Submarine
		Victor III/Sierra/Akula	11	SSN Submarine
		Kilo (KALIBR)	28	SSN Submarine
		ADM Kuznetsov	1	Aircraft Carrier
		Kirov/Slava	3	Cruiser
		Udaloy/Sovremennyy	7	Destroyer
		Gorshkov/Gepard	19	Frigate
		SS-N-18		SLBM
		SS-N-23		SLBM
		SS-N-32 BALUVA		SLBM
		SS-N-26 ONIKS		SLCM
		SS-N-27A KALIBR		SLCM Anti-Ship
		SS-N-30A KALIBR		SLBM
- <b>Rocket Forces (SRF):</b>	60K	3 Missile Armies (27 <sup>th</sup> , 31 <sup>st</sup> , 33 <sup>rd</sup> )		
		SS-18 ICBM:	46	Liquid Propellant SILO
		SS-19 ICBM:	30	Liquid Propellant SILO
		SS-25 ICBM:	72	Solid Propellant Mobile
		SS-27 ICBM:	18	Solid Propellant SILO/Mobile
		Mod 2 ICBM:	73	Solid Propellant SILO/Mobile
		RS-26 ICBM:	??	Solid Propellant Mobile
- <b>Surface to Air Missiles</b>		S-300		SA-20/23
		S-400		SA-21
		S-500		In Development
		PANTSIR-S/S1		SA-22
		ANTEY-2500		Anti-Ballistic Missile