### FW

#### I concede to the opponent’s framework

### CP

#### CP Text: The United Nations should enact the UN resolution that calls for new discussions of international norms and principles for military activities in space.

#### That increases deterrence and checks Chinese Space Heg.

Hitchens ’21 [Theresa Hitchens, 9-13-2021, "Exclusive: UK Pushes New UN Accord On Military Space Norms," Breaking Defense, [https://breakingdefense.com/2021/09/exclusive-uk-pushes-new-un-accord-on-military-space-norms/]//](https://breakingdefense.com/2021/09/exclusive-uk-pushes-new-un-accord-on-military-space-norms/%5d//) akhileshp

WASHINGTON: The United Kingdom is circulating a draft UN resolution that calls for new discussions designed to create international [norms and principles for responsible behavior](https://breakingdefense.com/tag/norms-of-behavior/) for military activities in space. The proposal, obtained by Breaking Defense, would set up what is a called an Open Ended Working Group to meet twice in 2022 and 2023 in the hopes of reaching consensus on voluntary measures to restrain actions in orbit likely to be seen as threatening by other nations. The proposal is part of a comprehensive push by London to become more active on military space issues. In July, the UK Ministry of Defence officially opened its first-ever Space Command headquarters at RAF High Wycombe, a Royal Air Force base some 28 miles west of London, and the MoD [has pledged to invest](https://www.gov.uk/government/news/uk-space-command-officially-launched) 1.4 billion British pounds ($1.9 billion) over the next 10 years in space activities. “As our adversaries advance their space capabilities, it is vital we invest in space to ensure we maintain a battle-winning advantage across this fast-evolving operational domain,” said Minister for Defence Procurement Jeremy Quin in the announcement. However, the UK continues to publicly reject the notion of building its own satellite attack weapons, with senior military officials emphasizing instead the need to protect British space assets from potential attack. Britain’s new UN draft resolution isn’t aimed at arms control in space, however, one UK official explained. Rather, it is pointed at finding some agreement on what states should and should not do to help mitigate misunderstandings and miscalculations that could lead to war. “This effort led by the UK is an encouraging step to break free of the impasse the international community has been in for the past several decades when it comes to space security and stability,” commented Victoria Samson, Washington office director for Secure World Foundation, which has been closely involved with UN processes on norms. “Instead of having the same discussions over and over again about whether or not a treaty should be the way forward, and if so, should that focus on weapons in space or not, this allows the international community to start to get on the same page when it comes to the most pressing threats to the stability of the space environment, what responsible behavior on orbit looks like, and how to increase awareness of this issue in all space actors,” she said. The UK official said there are three aims behind the proposed UN effort. The first is to look at current treaties and agreements that relate to how states interact in space — everything from the [1967 Outer Space Treaty](https://breakingdefense.com/tag/outer-space-treaty/) that serves as the Magna Carta for space, to the Geneva Conventions and the law of armed conflict — in order to highlight the gaps. One such gap is a glaring lack of formal accords designed to restrain risky military behaviors; such agreement currently exist for military actions on land (for example near borders), in the air (think border restrictions and notifications of exercises in involving warplanes), and especially at sea. The new UK space badge The second aim is to have an open dialogue around current and future threats and security risks, including the impact of different types of technology, both on Earth and in space. But again, the emphasis isn’t on the technology itself but how those technologies are being developed, tested and used by nations. (Both Secure World Foundation and the Center for Strategic and International Studies do [annual reports focused in particular on counterspace](https://breakingdefense.com/2021/04/counterspace-2020-all-pretty-quiet-on-the-asat-front/) capabilities.) Importantly, the UK very much wants to differentiate between state actions that are threatening or raise tensions and the issue of dual-use technologies being used for economic purposes, especially by the private sector. “We’re trying not to say that every satellite can be a weapon. Yes, it can. But it’s not actually a useful thing in the debate, we won’t really solve anything, or move anything forward,” the official said. The third goal: to directly address what norms and principles could provide solutions to these threats and risks. The UK’s emphasis on state behavior, threat perceptions and international security is what makes London’s effort fundamentally different than much of the previous international discussion on the issue of norms. Up to now, the key venue for norms discussions has been the UN [Committee for the Peaceful Uses of Outer Space (COPUOS)](https://breakingdefense.com/tag/committee-on-the-peaceful-uses-of-outer-space/) in Vienna, Austria, which has a mandate that does not cover military or international security. COPUOS is guided by the UN Fourth Committee that deals with political issues such as UN peacekeeping, and has been focusing on safety of space operations via years-long work in crafting a set of [guidelines on the long-term sustainability](https://breakingdefense.com/2019/06/fearing-isolation-russia-caves-on-un-satellite-guidelines/) of space, known as the LTS Guidelines. The new UK draft resolution — like last year’s UK resolution, [accepted by the UN General Assembly in Resolution 75/36,](https://undocs.org/A/RES/75/36) that called on nations to submit to Secretary-General António Guterres views about what constitutes threatening behavior in space — will be debated in the UN First Committee responsible for international security. The First Committee is currently slated to meet from Sept. 30 to Oct. 12. The US plans to support the effort, which isn’t a surprise. The Trump administration co-sponsored the first UK resolution. Further, [as first reported by Breaking Defense](https://breakingdefense.com/2021/07/exclusive-in-a-first-secdef-pledges-dod-to-space-norms/), the US military for the first time in July acceded to a list of what Defense Secretary Lloyd Austin called “tenets” of responsible behavior. Kinetic ASATs would create enormous amounts of dangerous space debris. National Space and Intelligence Center image “The United States thanks the United Kingdom for its continued leadership on this important effort. We were pleased to co-sponsor this resolution last year and look forward to working with other delegations to make sure this follow-on resolution successfully advances the dialogue among Member States to ensure the safety, stability, and sustainability of national security-related space activities,” a State Department spokesperson, said in an email to Breaking Defense. (Interestingly, both Audrey Schafer, space policy lead at the National Space Council, and Eric Desautels, acting deputy assistant secretary of state for emerging security challenges and defense policy, are slated to speak Sept. 17 on norms at the annual AMOS Conference on space situational awareness in Maui.) In fact, an internal assessment done by Secure World Foundation and a similar review of responses to the UK’s 2020 resolution by [Canada’s Project Ploughshares](https://ploughshares.ca/pl_publications/the-uk-process-on-norms-and-space-security/) both show a strong level of international accord around a number of potential normative measures. These include transparency enhancing actions such as notifications of certain space activities and sharing of space situational awareness data on the movements of space objects. “Having read through the country inputs for [the previous UK resolution], it is evident that several norms are starting to emerge,” Samson said. “One is that it is increasingly considered a bad idea to deliberately create long-lived debris on orbit; another is that it is thought to be bad form to conduct non-consensual close approaches to other countries’ satellites. These ideas also show up in Sec. Austin’s memo on space norms for DoD that came out in July.” “There is also strong support for some sort of ban on the testing and use of kinetic weapons,” or at least a voluntary prohibition, writes Jessica West, the author of the Project Ploughshares review. Kinetic antisatellite weapons, which essentially smash into a satellite and could be based terrestrially or in space, almost inevitably would create large amounts of dangerous space junk. The Canadian government, in fact, has gone even further to push for the launch of negotiations on a legal treaty. Ottawa’s [formal response to the first UK resolution](https://www.un.org/disarmament/topics/outerspace-sg-report-outer-space-2021/) calls for a debate to start at the Conference on Disarmament (CD) in Geneva, the UN body that negotiates arms control treaties. The Canadian government’s view has been publicly backed by Brazil, Mexico, Sweden, and Switzerland, according to West’s report. The 65 nations making up the CD membership, however, have been hopelessly stalemated on even agreeing an agenda of work for decades. And there is little reason to hope that that will change any time soon.

### DA

#### Xi’s regime is stable now, but its success depends on strong growth and private sector development.

**Mitter and Johnson 21** [Rana Mitter and Elsbeth Johnson, [Rana Mitter](https://hbr.org/search?term=rana%20mitter&search_type=search-all) is a professor of the history and politics of modern China at Oxford. [Elsbeth Johnson](https://hbr.org/search?term=elsbeth%20johnson&search_type=search-all), formerly the strategy director for Prudential PLC’s Asian business, is a senior lecturer at MIT’s Sloan School of Management and the founder of SystemShift, a consulting firm. May-June 2021, "What the West Gets Wrong About China," Harvard Business Review, [https://hbr.org/2021/05/what-the-west-gets-wrong-about-china accessed 12/14/21](https://hbr.org/2021/05/what-the-west-gets-wrong-about-china%20accessed%2012/14/21)] Adam

In China, however, growth has come in the context of stable communist rule, suggesting that democracy and growth are not inevitably mutually dependent. In fact, many Chinese believe that the country’s recent economic achievements—large-scale poverty reduction, huge infrastructure investment, and development as a world-class tech innovator—have come about because of, not despite, China’s authoritarian form of government. Its aggressive handling of Covid-19—in sharp contrast to that of many Western countries with higher death rates and later, less-stringent lockdowns—has, if anything, reinforced that view.

China has also defied predictions that its authoritarianism would inhibit its capacity to [innovate](https://hbr.org/2011/06/what-the-west-doesnt-get-about-china). It is a global leader in AI, biotech, and space exploration. Some of its technological successes have been driven by market forces: People wanted to buy goods or communicate more easily, and the likes of Alibaba and Tencent have helped them do just that. But much of the technological progress has come from a highly innovative and well-funded military that has invested heavily in China’s burgeoning new industries. This, of course, mirrors the role of U.S. defense and intelligence spending in the development of Silicon Valley. But in China the consumer applications have come faster, making more obvious the link between government investment and products and services that benefit individuals. That’s why ordinary Chinese people see Chinese companies such as Alibaba, Huawei, and TikTok as sources of national pride—international vanguards of Chinese success—rather than simply sources of jobs or GDP, as they might be viewed in the West.

Thus July 2020 polling data from the Ash Center at Harvard’s Kennedy School of Government revealed 95% satisfaction with the Beijing government among Chinese citizens. Our own experiences on the ground in China confirm this. Most ordinary people we meet don’t feel that the authoritarian state is solely oppressive, although it can be that; for them it also provides opportunity. A cleaner in Chongqing now owns several apartments because the CCP reformed property laws. A Shanghai journalist is paid by her state-controlled magazine to fly around the world for stories on global lifestyle trends. A young student in Nanjing can study propulsion physics at Beijing’s Tsinghua University thanks to social mobility and the party’s significant investment in scientific research.

#### Xi has committed to the commercial space industry as the linchpin of China’s rise – the plan is seen as a complete 180

**Patel 21** [Neel V. Patel, Neel is a space reporter for MIT Technology Review. 1-21-2021, "China’s surging private space industry is out to challenge the US," MIT Technology Review, <https://www.technologyreview.com/2021/01/21/1016513/china-private-commercial-space-industry-dominance/> accessed 12/14/21] Adam

Until recently, China’s space activity has been overwhelmingly dominated by two state-owned enterprises: the China Aerospace Science & Industry Corporation Limited (CASIC) and the China Aerospace Science and Technology Corporation (CASC). A few private space firms have been allowed to operate in the country for a while: for example, there’s the China Great Wall Industry Corporation Limited (in reality a subsidiary of CASC), which has provided commercial launches since it was established in 1980. But for the most part, China’s commercial space industry has been nonexistent. Satellites were expensive to build and launch, and they were too heavy and large for anything but the biggest rockets to actually deliver to orbit. The costs involved were too much for anything but national budgets to handle.

That all changed this past decade as the costs of making satellites and launching rockets plunged. In 2014, a year after Xi Jinping took over as the new leader of China, the Chinese government decided to treat civil space development as a key area of innovation, as it had already begun doing with AI and solar power. It issued a policy directive called [Document 60](https://archive.md/o/bc9l4/www.cpppc.org/en/zy/994006.jhtml) that year to enable large private investment in companies interested in participating in the space industry.

“Xi’s goal was that if China has to become a critical player in technology, including in civil space and aerospace, it was critical to develop a space ecosystem that includes the private sector,” says Namrata Goswami, a geopolitics expert based in Montgomery, Alabama, who’s been studying China’s space program for many years. “He was taking a cue from the American private sector to encourage innovation from a talent pool that extended beyond state-funded organizations.”

As a result, there are now 78 commercial space companies operating in China, according to a[2019 report by the Institute for Defense Analyses](https://archive.md/o/bc9l4/https:/www.ida.org/-/media/feature/publications/e/ev/evaluation-of-chinas-commercial-space-sector/d-10873.ashx). More than half have been founded since 2014, and the vast majority focus on satellite manufacturing and launch services.

For example, Galactic Energy, founded in February 2018, is building its Ceres rocket to offer rapid launch service for single payloads, while its Pallas rocket is being built to deploy entire constellations. Rival company i-Space, formed in 2016, became the first commercial Chinese company to make it to space with its Hyperbola-1 in July 2019. It wants to pursue reusable first-stage boosters that can land vertically, like those from SpaceX. So does LinkSpace (founded in 2014), although it also hopes to use rockets to deliver packages from one terrestrial location to another.

Spacety, founded in 2016, wants to turn around customer orders to build and launch its small satellites in just six months. In December it launched a miniaturized version of a satellite that uses 2D radar images to build 3D reconstructions of terrestrial landscapes. Weeks later, it [released the first images taken by the satellite](https://archive.md/o/bc9l4/https:/spacenews.com/spacety-releases-first-sar-images/), Hisea-1, featuring three-meter resolution. Spacety wants to launch a constellation of these satellites to offer high-quality imaging at low cost.

To a large extent, China is following the same blueprint drawn up by the US: using government contracts and subsidies to give these companies a foot up. US firms like SpaceX benefited greatly from NASA contracts that paid out millions to build and test rockets and space vehicles for delivering cargo to the International Space Station. With that experience under its belt, SpaceX was able to attract more customers with greater confidence.

Venture capital is another tried-and-true route. The IDA report estimates that VC funding for Chinese space companies was up to $516 million in 2018—far shy of the $2.2 billion American companies raised, but nothing to scoff at for an industry that really only began seven years ago. At least 42 companies had no known government funding.

And much of the government support these companies do receive doesn’t have a federal origin, but a provincial one. “[These companies] are drawing high-tech development to these local communities,” says Hines. “And in return, they’re given more autonomy by the local government.” While most have headquarters in Beijing, many keep facilities in Shenzhen, Chongqing, and other areas that might draw talent from local universities.

There’s also one advantage specific to China: manufacturing. “What is the best country to trust for manufacturing needs?” asks James Zheng, the CEO of Spacety’s Luxembourg headquarters. “It’s China. It’s the manufacturing center of the world.” Zheng believes the country is in a better position than any other to take advantage of the space industry’s new need for mass production of satellites and rockets alike.

Making friends

The most critical strategic reason to encourage a private space sector is to create opportunities for international collaboration—particularly to attract customers wary of being seen to mix with the Chinese government. (US agencies and government contractors, for example, are barred from working with any groups the regime funds.) Document 60 and others issued by China’s National Development and Reform Commission were aimed not just at promoting technological innovation, but also at drawing in foreign investment and maximizing a customer base beyond Chinese borders.

“China realizes there are certain things they cannot get on their own,” says Frans von der Dunk, a space policy expert at the University of Nebraska–Lincoln. Chinese companies like LandSpace and MinoSpace have worked to accrue funding through foreign investment, escaping dependence on state subsidies. And by avoiding state funding, a company can also avoid an array of restrictions on what it can and can’t do (such as constraints on talking with the media). Foreign investment also makes it easier to compete on a global scale: you’re taking on clients around the world, launching from other countries, and bringing talent from outside China.

Although China is taking inspiration from the US in building out its private industry, the nature of the Chinese state also means these new companies face obstacles that their rivals in the West don’t have to worry about. While Chinese companies may look private on paper, they must still submit to government guidance and control, and accept some level of interference. It may be difficult for them to make a case to potential overseas customers that they are independent. The distinction between companies that are truly private and those that are more or less state actors is still quite fuzzy, especially if the government is a frequent customer. “That could still lead to a lack of trust from other partners,” says Goswami. It doesn’t help that the government itself is often [very cagey about what its national program is even up to](https://archive.md/o/bc9l4/https:/www.bbc.com/news/science-environment-54076895).

And Hines adds that it’s not always clear exactly how separate these companies are from, say, the People’s Liberation Army, given the historical ties between the space and defense sectors. “Some of these things will pose significant hurdles for the commercial space sector as it tries to expand,” he says.

#### Shifts in regime perception threatens CCP’s legitimacy from nationalist hardliners

Weiss 19 Jessica Weiss 1-29-2019 “Authoritarian Audiences, Rhetoric, and Propaganda in International Crises: Evidence from China” <http://www.jessicachenweiss.com/uploads/3/0/6/3/30636001/19-01-24-elite-statements-isq-ca.pdf> (Associate Professor of Government at Cornell University)//Elmer

Public support—or the appearance of it—matters to many autocracies. As Ithiel de Sola Pool writes, modern dictatorships are “highly conscious of public opinion and make major efforts to affect it.”6 Mao Zedong told his comrades: “When you make revolution, you must first manage public opinion.”7 Because autocracies often rely on **nationalist mythmaking**,8 success or failure in defending the national honor in international crises could burnish the leadership’s patriotic credentials or spark opposition. **Shared outrage at the regime’s foreign policy failures could galvanize street protests or elite fissures, creating intraparty upheaval** or inviting military officers to step in to restore order. Fearing a domestic backlash, authoritarian leaders may feel compelled to take a tough international stance. Although authoritarian leaders are rarely held accountable to public opinion through free and fair elections, fears of popular unrest and irregular ouster often weigh heavily on autocrats seeking to maximize their tenure in office. Considering the harsh consequences that authoritarian elites face if pushed out of office, even a small increase in the probability of ouster could alter authoritarian incentives in international crises.9 A history of nationalist uprisings make Chinese citizens and leaders especially aware of the linkage between international disputes and domestic unrest. The weakness of the PRC’s predecessor in defending Chinese sovereignty at the Paris Peace Conference in 1919 galvanized protests and a general strike, forcing the government to sack three officials and reject the Treaty of Versailles, which awarded territories in China to Japan. These precedents have made Chinese officials particularly sensitive to the appearance of hewing to public opinion. As the People’s Daily chief editor wrote: “History and reality have shown us that public opinion and regime safety are inseparable.”10 One Chinese scholar even claimed: “the Chinese government probably knows the public’s opinion better and reacts to it more directly than even the U.S. government.”11

#### Xi will launch diversionary war to domestic backlash – escalates in multiple hotspots

Norris 17, William J. Geostrategic Implications of China’s Twin Economic Challenges. CFR Discussion Paper, 2017. (Associate professor of Chinese foreign and security policy at Texas A&M University’s Bush School of Government and Public Service)//Elmer

Populist pressures might tempt the **party leadership** to encourage **diversionary nationalism**. The logic of this concern is straightforward: the Communist Party might seek to **distract a restless domestic population** with **adventurism abroad**.19 The **Xi** administration wants to **appear tough** in its **defense of foreign encroachments** against China’s interests. This need stems from a long-running narrative about how a weak Qing dynasty was unable to defend China in the face of European imperial expansion, epitomized by the Opium Wars and the subsequent treaties imposed on China in the nineteenth century. The party is **particularly sensitive** to **perceptions of weakness** because much of its **claim to legitimacy**—manifested in **Xi’s Chinese Dream** campaign today—stems from the party’s claims of leading the **restoration of Chinese greatness**. For example, the May Fourth Movement, a popular protest in 1919 that helped catalyze the CPC, called into question the legitimacy of the Republic of China government running the country at that time because the regime was seen as not having effectively defended China’s territorial and sovereignty interests at the Versailles Peace Conference. **Diversionary nationalist frictions** would likely occur if the Chinese leadership portrayed a foreign adversary as having made the first move, thus forcing Xi to stand up for China’s interests. An example is the 2012 attempt by the nationalist governor of Tokyo, Shintaro Ishihara, to buy the Senkaku/Diaoyu Islands from a private owner.20 Although the Japanese central government sought to avert a crisis by stepping in to purchase the islands—having them bought and administered by Ishihara’s Tokyo metropolitan government would have dragged Japan into a confrontation with China—China saw this move as part of a deliberate orchestration by Japan to nationalize the islands. Xi seemingly had no choice but to defend China’s claims against an attempt by Japan to consolidate its position on the dispute.21 This issue touched off a period of heated tensions between China and Japan, lasting more than two years.22 Such dynamics are not limited to Japan. Other possible areas of conflict include, but are not necessarily limited to, **Taiwan**, **India**, and the **South China Sea** (especially with the **Philippines** and **Vietnam**). The Chinese government will use such tactics if it believes that the costs are relatively low. Ideally, China would like to appear tough while avoiding material repercussions or a serious diplomatic breakdown. Standing up against foreign encroachment—without facing much blowback—could provide Xi’s administration with a tempting source of noneconomic legitimacy. However, over the next few years, Xi will probably not be actively looking to get embroiled abroad. Cushioning the fallout from slower growth while managing a structural economic transition will be difficult enough. Courting potential international crises that distract the central leadership would make this task even more daunting. Even if the top leadership did not wish to provoke conflict, a smaller budgetary allotment for security could cause **military interests** in China to **deliberately instigate trouble** to **justify** their **claims over increasingly scarce resources**. For example, an air force interested in ensuring its funding for a midair tanker program might find the existence of far-flung territorial disputes to be useful in making its case. Such a case would be made even stronger by a pattern of recent frictions that highlights the necessity of greater air power projection. Budgetary pressures may be partly behind a recent People’s Liberation Army reorganization and headcount reduction. A slowing economy might cause a further deceleration in China’s military spending, thus increasing such pressures as budgetary belts tighten. Challenges to Xi’s Leadership Xi Jinping’s efforts to address economic challenges could fail, unleashing consequences that extend well beyond China’s economic health. For example, an **economic collapse** could give rise to a Vladimir **Putin–like redemption figure** in China. Xi’s approach of centralizing authority over a diverse, complex, and massive social, political, and economic system is a **recipe for brittleness**. Rather than designing a resilient, decentralized governance structure that can gracefully cope with localized failures at particular nodes in a network, a highly centralized architecture **risks catastrophic**, **system-level failure**. Although centralized authority offers the tantalizing chimera of stronger control from the center, it also puts all the responsibility squarely on Xi’s shoulders. With China’s ascension to great power status, the consequences of internecine domestic political battles are increasingly playing out on the world stage. The international significance of China’s domestic politics is a new paradigm for the Chinese leadership, and one can expect an adjustment period during which the outcome of what had previously been relatively insulated domestic political frictions will likely generate **unintended international repercussions**. Such dynamics will influence Chinese foreign policy and security behavior. Domestic arguments over ideology, bureaucratic power struggles, and strategic direction could all have **ripple effects abroad**. Many of China’s party heavyweights still employ a narrow and exclusively domestic political calculus. Such behavior increases the possibility of international implications that are not fully anticipated, **raising the risks** of **strategic miscalculation** on the world stage. For example, the factional power struggles that animated the Cultural Revolution were largely driven by domestic concerns, yet manifested themselves in Chinese foreign policy for more than a decade. During this period, China was not the world’s second largest economy and, for much of this time, did not even have formal representation at the United Nations. If today’s globally interconnected China became engulfed in similar domestic chaos, the effects would be felt worldwide.23 Weakened Fetters of Economic Interdependence If China successfully transitioned away from its export-driven growth model toward a consumption-driven economic engine over the next four or five years, it could no longer feel as constrained by economic interdependence. To the extent that such constraints are loosened, the U.S.-China relationship will be more prone to conflict and friction.24 While China has never been the archetypal liberal economic power bent on benign integration with the global economy, its export-driven growth model produced a strong strategic preference for stability. Although past behavior is not necessarily indicative of future strategic calculus, China’s “economic circuit breaker” logic seems to have held its most aggressive nationalism below the threshold of war since 1979. A China that is both comparatively strong and less dependent on the global economy would be a novel development in modern geopolitics. As China changes the composition of its international economic linkages, global integration could place fewer constraints on it. Whereas China has been highly reliant on the import of raw materials and semifinished goods for reexport, a consumption-driven China could have a different international trade profile. China could still rely on imported goods, but their centrality to the country’s overall economic growth would be altered. Imports of luxury goods, consumer products, international brands, and services may not exert a significant constraining influence, since loss of access to such items may not be seen as strategically vital. If these flows were interrupted or jeopardized, the result would be more akin to an inconvenience than a strategic setback for China’s rise. That said, China is likely to continue to highly depend on imported oil even if the economic end to which that energy resource is directed shifts away from industrial and export production toward domestic consumption.

#### US–China war goes nuclear – crisis mis-management ensures conventional escalation - extinction

Kulacki 20 [Dr. Gregory Kulacki focuses on cross-cultural communication between the United States and China on nuclear and space arms control and is the China Project Manager for the Global Security Program at the Union of Concerned Scientists, 2020. Would China Use Nuclear Weapons First In A War With The United States?, Thediplomat.com, https://thediplomat.com/2020/04/would-china-use-nuclear-weapons-first-in-a-war-with-the-united-states/] srey

Admiral Charles A. Richard, the head of the U.S. Strategic Command, recently told the Senate Armed Service Committee he “could drive a truck” through the holes in China’s no first use policy. But when Senator John Hawley (R-MO) asked him why he said that, Commander Richard backtracked, described China’s policy as “very opaque” and said his assessment was based on “very little” information. That’s surprising. **China** has been exceptionally **clear** **about** its **intentions** **on** the possible **first** **use** **of** **nuclear** **weapons**. On the day of its first nuclear test on October 16, 1964, China declared it “will never at any time or under any circumstances be the first to use nuclear weapons.” That **unambiguous** **statement** **has** **been** a **cornerstone** **of** **Chinese** **nuclear** **weapons** policy for 56 years and has been repeated frequently in authoritative Chinese publications for domestic and international audiences, including a highly classified training manual for the operators of China’s nuclear forces. Richard should know about those publications, particularly the training manual. A U.S. Department of Defense translation has been circulating within the U.S. nuclear weapons policy community for more than a decade. The commander’s comments to the committee indicate a familiarity with the most controversial section of the manual, which, in the eyes of some U.S. analysts, indicates there may be some circumstances where **China** **would** **use** **nuclear** **weapons** **first** **in** a **war** **with** **the** **U**nited **S**tates. This U.S. misperception is understandable, especially given the difficulties the Defense Department encountered translating the text into English. The language, carefully considered in the context of the entire book, articulates a strong reaffirmation of China’s no first use policy. But it also reveals **Chinese** military planners are **struggling** **with** **crisis** **management** **and** **considering** **steps** **that** could **create** **ambiguity** **with** **disastrous** **consequences**. Towards the end of the 405-page text on the operations of China’s strategic rocket forces, in a chapter entitled, “Second Artillery Deterrence Operations,” the authors explain what China’s nuclear forces train to do if **“**a strong military power possessing nuclear‐armed missiles and an absolute advantage in high‐tech conventional weapons is carrying out intense and continuous attacks against our major strategic targets and we have no good military strategy to resist the enemy.**”** The military power they’re talking about is the United States. The authors indicate China’s nuclear missile forces train to take specific steps, including increasing readiness and conducting launch exercises, to “dissuade the continuation of the strong enemy’s conventional attacks.” The manual refers to these steps as an “adjustment” to China’s nuclear policy and a “lowering” of China’s threshold for brandishing its nuclear forces. Chinese leaders would only take these steps in extreme circumstances. The text highlights several triggers such as U.S. conventional bombing of China’s nuclear and hydroelectric power plants, heavy conventional bombing of large cities like Beijing and Shanghai, or other acts of **conventional** **warfare** **that** “**seriously** **threatened**” the “safety and **survival**” of the nation. U.S. Misunderstanding Richard seems to believe this planned adjustment in China’s nuclear posture means China is **preparing** **to** **use** **nuclear** **weapons** first under these circumstances. He told Hawley that there are a “number of situations where they may conclude that first use has occurred that do not meet our definition of first use.” The head of the U.S. Strategic Command appears to assume, as do other U.S. analysts, that the **Chinese** would **interpret** **these** types of U.S. conventional **attacks** **as** **equivalent** **to** a **U.S. first use** **of** **nuclear** **weapons** against China. But that’s not what the text says. “Lowering the threshold” refers to China putting its nuclear weapons on alert — it does not indicate Chinese leaders might lower their threshold for deciding to use nuclear weapons in a crisis. Nor does the text indicate Chinese nuclear forces are training to launch nuclear weapons first in a war with the United States. China, unlike the United States, keeps its nuclear forces off-alert. Its warheads are not mated to its missiles. China’s nuclear-armed submarines are not continuously at sea on armed patrols. The manual describes how China’s nuclear warheads and the missiles that deliver them are controlled by two separate chains of command. Chinese missileers train to bring them together and launch them after China has been attacked with nuclear weapons. All of these behaviors are consistent with a no first use policy. The “adjustment” Chinese nuclear forces are preparing to make if the United States is bombing China with impunity is to place China’s nuclear forces in a state of readiness similar to the state the nuclear forces of the United States are in all the time. This step is intended not only to end the bombing, but also to convince U.S. decision-makers they cannot expect to destroy China’s nuclear retaliatory capability if the crisis escalates. Chinese Miscalculation Unfortunately, alerting Chinese nuclear forces at such a moment could have terrifying consequences. Given the relatively small size of China’s nuclear force, a U.S. president might be tempted to try to limit the possible damage from a Chinese nuclear attack by destroying as many of China’s nuclear weapons as possible before they’re launched, especially if the head of the U.S. Strategic Command told the president China was preparing to strike first. One study concluded that if the United States used nuclear weapons to attempt to knock out a small fraction of the Chinese ICBMs that could reach the United States it may kill tens of millions of Chinese civilians. The authors of the text assume alerting China’s nuclear forces would “create a great shock in the enemy’s psyche.” That’s a fair assumption. But they also assume this shock could “dissuade the continuation of the strong enemy’s conventional attacks against our major strategic targets.” That’s highly questionable. There is a **substantial** **risk** **the** **U**nited **S**tates **would** **respond** **to** this implicit **Chinese** **threat** **to** **use** **nuclear** **weapons** **by** **escalating**, rather than halting, its **conventional** **attacks**. If China’s nuclear forces were targeted, it would put even greater strain on the operators of China’s nuclear forces. A **slippery** **slope** **to** **nuclear** **war** Chinese military planners are aware that attempting to coerce the United States into halting conventional bombardment by alerting their nuclear forces could fail. They also know it might trigger a nuclear war. But if it does, they are equally clear China won’t be the one to start it. Nuclear attack is often preceded by nuclear coercion. Because of this, in the midst of the process of a high, strong degree of nuclear coercion we should prepare well for a nuclear retaliatory attack. The more complete the preparation, the higher the credibility of nuclear coercion, the easier it is to accomplish the objective of nuclear coercion, and the lower the possibility that the nuclear missile forces will be used in actual fighting. They assume if China demonstrates it is well prepared to retaliate the United States would not risk a damage limitation strike using nuclear weapons. And even if the United States were to attack China’s nuclear forces with conventional weapons, China still would not strike first. In the opening section of the next chapter on “nuclear retaliatory attack operations” the manual instructs, as it does on numerous occasions throughout the entire text: According to our country’s principle, its stand of no first use of nuclear weapons, the Second Artillery will carry out a nuclear missile attack against the enemy’s important strategic targets, according to the combat orders of the Supreme Command, only after the enemy has carried out a nuclear attack against our country. Richard is wrong. There are no holes in China’s no first use policy. But the worse-case planning articulated in this highly classified military text is a significant and deeply troubling departure from China’s traditional thinking about the role of nuclear weapons. Mao Zedong famously called nuclear weapons “a paper tiger.” Many assumed he was being cavalier about the consequences of nuclear war. But what he meant is that they would not be used to fight and win wars. U.S. nuclear threats during the Korean War and the Taiwan Strait Crisis in the 1950s – threats not followed by an actual nuclear attack – validated Mao’s intuition that nuclear weapons were primarily psychological weapons. Chinese leaders decided to acquire nuclear weapons to free their minds from what Mao’s generation called “**nuclear** **blackmail**.” A former director of China’s nuclear weapons laboratories told me China developed them so its leaders could “sit up with a straight spine.” Countering nuclear blackmail – along with compelling other nuclear weapons states to negotiate their elimination – were the only two purposes Chinese nuclear weapons were meant to serve. Contemporary Chinese military planners appear to have added a new purpose: compelling the United States to halt a conventional attack. Even though it only applies in extreme circumstances, it **increases** the **risk** **that** a **war** between the United States and China **will** **end** **in** a nuclear exchange with unpredictable and **catastrophic** **consequences**. Adding this new purpose could also be the first step on a slippery slope to an incremental broadening the role of nuclear weapons in Chinese national security policy. Americans would be a lot safer if we could avoid that. The United States government should applaud China’s no first use policy instead of repeatedly calling it into question. And it would be wise to adopt the same policy for the United States. If both countries declared they would never use nuclear weapons first it may not guarantee they can avoid a nuclear exchange during a military crisis, but it would make one far less likely.

### Case

#### 1] The plan gets circumvented – China and Russia have empirically not abided by space treaties, why would they agree to this one.

1AC Bowman and Thompson 3/31 [(Bradley Bowman, the senior director of the Center on Military and Political Power at the Foundation for Defense of Democracies) (Jared Thompson, a U.S. Air Force major and visiting military analyst at the Foundation for Defense of Democracies.) “Russia and China Seek to Tie America’s Hands in Space” Foreign Policy 3/31/2021. https://foreignpolicy.com/2021/03/31/russia-china-space-war-treaty-demilitarization-satellites/] BC //recut akhileshp

(ww reads blue)

Consider the actions of the United States’ two great-power adversaries when it comes to anti-satellite weapons. China and Russia have sprinted to develop and deploy both ground-based and space-based weapons targeting satellites while simultaneously pushing the United States to sign a treaty banning such weapons.

To protect its vital space-based military capabilities—including communications, intelligence, and missile defense satellites—and effectively deter authoritarian aggression, Washington should avoid being drawn into suspect international treaties on space that China and Russia have no intention of honoring.

The Treaty on the Prevention of the Placement of Weapons in Outer Space and of the Threat or Use of Force Against Outer Space Objects (PPWT), which Beijing and Moscow have submitted at the United Nations, is a perfect example. PPWT signatories commit “not to place any weapons in outer space.” It also says parties to the treaty may not “resort to the threat or use of force against outer space objects” or engage in activities “inconsistent” with the purpose of the treaty.

On the surface, that sounds innocuous. Who, after all, wants an arms race in space?

The reality, however, is that China and Russia are already racing to field anti-satellite weapons and have been for quite some time. “The space domain is competitive, congested, and contested,” Gen. James Dickinson, the head of U.S. Space Command, said in January. “Our competitors, most notably China and Russia, have militarized this domain.”

#### 2] Prisoners’ dilemma means circumvention will always happen

Chanock 13 (Alexander Chanock, J.D. 2014, UCLA School of Law, “THE PROBLEMS AND POTENTIAL SOLUTIONS RELATED TO THE EMERGENCE OF SPACE WEAPONS IN THE 21ST CENTURY,” Journal of Air, Law, and Commerce. Volume 78, Issue 3. 2013. <https://scholar.smu.edu/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1327&context=jalc)//ww> pbj

Although space doves have many valid arguments for reducing the danger of space weaponization, in reality, it is unlikely that their ideas will prevail. One problem with a complete ban on space weaponization is that it invokes the problems of the prisoners' dilemma.116 If the United States decides to stop production of space weapons and the other superpowers, such as China and Russia, do the same, then all of the parties win. However, if a country like China or Russia decides to violate a prohibition agreement by developing weapons, it could potentially have a significant head start in the space weapons race, which would weaken the United States' military ability. Whether such a scenario will occur is difficult to predict, but the principles of the prisoners' dilemma indicate that there remains a strong possibility that the parties will secretly develop the weapons to gain an advantage. The incentive to "defect" will always remain, which makes a long-term solution addressing space weaponization almost impossible to achieve, even if the United States spearheads the effort."' Thus, there is a strong argument against space doves that the most rational choice is to develop space weapons to ensure that the United States gets placed in an advantageous position in the prisoners' dilemma.

#### 3] Alt Cause – China’s Space Program IS the military program; that means the government will appropriate directly or be helped by private entities.

Lee and Singer 21 (By TAYLOR A. LEE and PETER W. SINGER, July 16, 2021, China’s Space Program Is More Military Than You Might Think Proposals for U.S.-Chinese cooperation must proceed carefully, Defense One, <https://www.defenseone.com/ideas/2021/07/chinas-space-program-more-military-you-might-think/183790/)//ww> pbj

On the 4th of July, China celebrated its taikonauts’ first-ever space walk outside the country’s first permanent space station, the Tiangong (“Heavenly Palace”). The extravehicular activity marked yet another major step for the country’s ambitious space program, and a vivid sign of what is to come. In the next five years, China intends to collect samples from a near-Earth asteroid, conduct two lunar polar exploration missions, and finish construction of its 60-ton space station. This remarkable growth has led to a spate of recent international space cooperation programs with China, including European Space Agency and taikonauts training together and a reported 42 applications of interest for joint research programs. Some are urging the U.S. and China to collaborate in space as a means to dampen great power tension, though the Wolf Amendment has since 2011 effectively barred NASA from such cooperation. The militarized tilt of the Chinese space program complicates these plans. Space planning and directing organizations, the ground infrastructure supporting its space programs, and the taikonauts themselves are all under the purview of the People’s Liberation Army. Understanding these connections is important for any plans to cooperate with China in space, whether governmental or commercial. On the organizational side, China’s equivalent to NASA is the civilian China National Space Administration, which has a focus on the space program’s international exchanges. It falls under the State Administration for Science, Technology and Industry for National Defense, which handles defense-related science and technology, including China’s state-owned defense conglomerates. However, unlike NASA, the CNSA doesn’t oversee China’s astronauts. The organization actually in charge of China’s manned space program is the China Manned Space Engineering Office, which is under China’s Central Military Commission Equipment Development Department. Likewise, the infrastructure of China’s space program is also heavily militarized. The launch sites, control centers, and many of the satellites are directly run by the PLA. Taikonauts lift off from the Jiuquan Satellite Launch Center (aka Base 20 of the PLA’s Strategic Support Force, its space and cyber arm); directed by the PLASSF’s Beijing Aerospace Flight Control Center, with Telemetry, Tracking and Control support from the Xi’an Satellite Control Center (aka the PLASSF’s Base 26); and land at one of two sites in Inner Mongolia operated by the two bases. Finally, there is the human element. While most NASA astronauts are members of the U.S. military, others are civilian scientists and even teachers. In contrast, all taikonauts are active members of the PLASSF. They make up the Astronaut Corps under the PLASSF Space Systems Department’s China Astronaut Research and Training Center. The first astronauts to fully undergo training at the Center, which began operations in the late 1990s, were all chosen from the PLA Air Force. (An earlier effort to establish a manned space program in the 1960s and ’70s faltered.) Since then, China has held two more rounds of taikonaut selection, with the most recent apparently taking some candidates outside the military, but as noted above serving under the PLASSF.

#### They’ll say the aff bans private entities helping the government, but the aff can’t ban private entities helping the government appropriate since that’s infinitely regressive – means the aff would ban companies selling water to the government since that helps out astronauts which the aff obviously doesn’t

#### 4] Banning of space appropriation right now is not necessary, the private sector is small.

1AC Curcio 8/24 [(Blaine, an Affiliate Senior Consultant for Euroconsult, based in Hong Kong. Since joining Euroconsult in 2018, he has contributed to a wide range of consulting missions and research reports, primarily covering the satcom sector globally, and broader space industry in China.) “Developments in China's Commercial Space Sector” The National Bureau of Asian Research, 8/24/2021. https://www.nbr.org/publication/developments-in-chinas-commercial-space-sector/] BC // recut akhileshp

There has been discussion that China and Russia might partner to develop a lunar space station. How is this affecting China-Russia space cooperation as well as China’s commercial space sector? The Russian and U.S. space industries are the two oldest. They have a lot of space programs, experts, and related intellectual property and have been integrated into the space ecosystem. The Chinese space sector has developed primarily independently from the U.S.-Russia system. There has been some collaboration between China and Europe since the Wolf Amendment, but the absence of any kind of commercial space companies until recently, combined with the sensitivity around the International Traffic in Arms Regulations (a U.S. export-control regime), has forced the Chinese space ecosystem to develop pretty much independently. Russia, though a nation in decline, still likes projects involving space to bolster national pride. As a result, there has been a broader trend over the last five to ten years of a gradual realignment of the Russian space sector toward China in terms of both the government and the industrial base. More Russian companies are looking to China to buy products. Historically these companies have bought material from Europe, but they have recently turned more to China because of how weak the Russian ruble is, making imports more expensive. At the same time, Chinese companies are looking to Russia as an export market as well as to Russia and former Soviet states as investment opportunities. There is synergy, for example, between a Chinese rocket company that sees a relatively cheap Ukrainian rocket company with specific technology that it wants and a Ukrainian company that has all the technology, intellectual property, and “know-how,” but does not have that much money. The international lunar research station is beneficial to the commercial space sector to the extent that the national team would be occupied with the space station. As the national team gets bigger and takes on more sophisticated projects, this may help free up the kind of lower-end work companies were doing before and create more room for commercial competition. Moving forward, if there are massive lunar projects and a large Chinese space station, these developments are all things that will occupy a lot of top engineers and SOEs. There will be a need for a bigger commercial sector to contribute to emerging projects and complete the technological development of the more commercial, as opposed to institutional or national-level, projects in the space sector. What is the relationship between China’s space industry development and its Military-Civil Fusion strategy, and how is this affecting the commercial space sector? There are two main types of impact: the technological impact and the broader policy impact. As part of the Military-Civil Fusion strategy, the Chinese government wants to develop specific capabilities and emphasize specific technologies, which produce the technological impact. From that perspective, this strategy dictates what the commercial space sector does in terms of R&D, and the technological direction it takes. Zhuhai satellite is an example of this strategy. Since Zhuhai satellite was a spinoff from the Harbin Institute of Technology, which has a military link, there is a possibility that it is pursuing more space technologies that are related to Military-Civil Fusion. The second type is the broader policy impact. Because the central government makes Military-Civil Fusion a significant policy objective, there will be industrial bases that are built to support related technologies. More money and resources will be available for a startup that will support China’s strategic and tech ambitions. Because of the money and resources that are available, the development of the space industry will change as companies adapt their activities to what the government is emphasizing and to what kind of support they can get from different stakeholders in order to survive. China does not currently have a huge commercial space sector. The only real way that these companies can grow is either by selling products to the existing space sector—which is not particularly easy at this stage—or by raising money from existing shareholders and trying to guess where the market is moving.

#### 5] There are multiple thumpers to Sino-Russian relations, Russia is already with the ISS till 2030.

#### 6] ASATs are manufactured by China, not their private entities, meaning the 1AC doesn’t solve + there is nothing stopping Chinese land based ASATs, they are the majority, and are not in outer space.