



*We support Competent, Transparent,
Ethical, Limited Governance*

UPGRADING OUR ARCTIC DEFENSES

8/6/20

- *Part Two: How it looks today within our current construct. And how it just may look tomorrow with 'no rules.' Your constructive comments are welcome.*

Midwinter/Anchorage: I woke up at about 2:10am and noticed the alarm clock on my nightstand was not working. I thought it must be a power outage and went back to sleep. (power outages are often in our Alaskan winters) But then when I awoke again, the clock was still not working. I got out of bed and quickly realized that the room was very cold – now it had my attention. I checked the outside thermometer, it was -2F. If I did not have power soon, I would have frozen pipes – not good and potentially very expensive. I looked at my watch, it was 7:30am.

I went to the north side of the room and looked out across the city to see if my power outage was limited to me, my block, or maybe something worse. The city was totally dark. It was also strangely very quiet. I listened, I heard nothing, nothing, just silence. Something was wrong.

I later learned that, at about 1:30am a standard container ship traveling in regular shipping lanes off the western coast of Alaska suddenly turned allowing one container's door to face Alaska. A small North Korean missile was rolled out of the container, pointed, and fired into our atmosphere. This strategy does not allow the normal alerts to our satellites of prelaunch activity around land-based missiles. The payload was nuclear and specifically sized to impact arctic electrical systems in Alaska and much of western Canada. They knew our missile intercepts might be too slow. Our emergency launch of fighters – wait, fighters are irrelevant in this scenario. Even if detected the North Koreans were not concerned since the GAO and others had openly found that only about half of the missile interceptors located in Alaska hit their targets.

Did Russia or China know about this planned attack? Are they now also mobilizing to take advantage of this event? Do they even need to mobilize? Not really, they are already in motion. No real reason to send planes out to fight – cause Alaska's missile defenses were no longer operational, and neither were the jet fighters in Anchorage and Fairbanks. In fact, most of them were also fried by the atmospheric blast. Let's be honest, we really don't know what might actually happen because an EMP in atmosphere

or lower has not been done so we can actually measure its impact. What we have are hard nosed science that thinks about what might happen. What happened to Hawaii in the south Pacific was a discovery after the fact. Not a real application tested. But are we going to wait to find out?

Our enemies already know that crowd behavior will quickly take its course and within a short time many Alaskans will be dead from the cold, starvation, or civil unrest, or have found a way to leave the state. To get away from the danger. So, why waste bullets?

The missile was timed to strike over a specific Arctic area in North America to shut down or 'fry' all electrical utilities and thus everything with electricity in it - including communication, water, sewer, and essentially all civilian infrastructures (banks, grocery stores, transportation, the airport, the port, gas stations). Essentially everything and anything within moments of the atmospheric explosion. Given the scale of the EMP it is also probable that some of the so called 'hardened' DOD assets in Alaska that are essential for our defense, will also be inoperative as their hardening was not in anticipation of a super EMP, something we know North Korea has. Congress just kept putting it off – kicked it down the budget road – and now here we are.

The targeted impact of a well-placed even small (50 kilovolts/meter) EMP is to shut everything down. But we know the Russians, North Koreans, China and even Iran now have Super-EMP weapons that generate a 200 kilovolts/meter impact from a nuclear EMP. At this scale even the so-called hardened DOD electrical systems and weapons are essentially 'fried' or melted. These EMP weapons completely take out all electric utilities and anything connected to them (plugged in at your house or office) in the EMP impact window. This is something we have known since 1962 when we did the last U.S. atmospheric nuclear test above Johnson Island in the Pacific. Most of the lights in Honolulu went out. We'd learned something but apparently not enough to get our politicians off their butts to do something.

Since then our Defense Department has been 'hardening' our critical defense systems to withstand an EMP at about the scale of 50Kilovolts like the one mentioned above. According to my sources, essentially all critical military equipment and facilities, even in Alaska, have been hardened to at least this level. But if our enemies know this, and they want to harm us, wouldn't they use a super EMP? Otherwise why waste the bullet?

But what about everything else? If you can fry all the electrical utilities in Alaska and the Arctic and western Canada, essentially everything – yes everything - is dead. No power, no water, no food, no gas, no heat, no anything. Your car (but not all vehicles) is also likely dead if the battery power is active, and anything in your house (think cell phone) is also dead – fried, especially if plugged in to the power system. You have essentially no ability to communicate except to shout to your neighbors. You cannot call

you kids or other family. You have most likely no way to travel, no way to stay warm or eat. In a mid-arctic or subarctic winter, you are in serious trouble. Forgot to mention that all critical GPS systems in Alaska are also out and no longer functioning so thousands of key critical devices and equipment are dysfunctional. And anything that has a self-controlled automated control system – has likely melted.

The theory is that anything connected to a long cord with power flowing will be fried. No, we do not know for sure. Why are we not testing this somehow? Surely there is a way to apply EMP to different things at different levels etc. Why not?

How would the elimination of all civil utilities impact our ability to defend ourselves? If some vehicles (cars/trucks) work, can they get someplace safe? Where would that be? Hope their gas tanks are full, because they can't get gas the stations are down. Even if only 10% of the vehicles in Anchorage were working, can you imagine the traffic on the Glenn or Seward Highways as they tried to get out of town? But where could they go? Remember, this EMP impact is not just limited to Anchorage or even just South-Central Alaska – it could reach all of Alaska and into the Yukon and Canada. That depends on the size of the EMP and at what altitude it is exploded.

How Russia and/or others would mobilize at this point is an open and long studied question, but they really don't have to do much except launch and wait for the on shore panic and civilian mania that will erupt between neighbors. Let them fight each other for food, water, heat, etc. for a few weeks and you have an extraordinary event unfolding in dark, cold, wet Alaska. And not a shot fired at least by the enemy, or a building of any value destroyed. Why waste a bullet?

So, the operative question here is what have we (Alaska/America) done to prepare for such a **predictable** event? And since we know our enemies have super EMPs why have they not used them? Any retaliation would have to come from the mid-west or east coast and that is not what they are pointed at right now.

We have several major national studies and reports on this storyline. The two I have read are frightening and both commissioned by Congress, accepted by Congress, given to three Presidents, yet - no action. At least Pres. Trump made it clear that this is something he wants addressed. But what have we actually done to deal with this possible, even probable event as Putin expands his military across the arctic and stands across the strait preparing to capture our oil/gas, uranium, and its infrastructure, our strategic military locations, our coal or other rare and strategic minerals? And there are the transportation routes that are now open across the arctic. A vast coal resource enough to fuel lots of Russians for hundreds of years on our northwest coast. So, what have we done to protect ourselves?

The Problem is that we have fallen into the same old trap, or should we say DC swamp. *Why is it that we intuitively expect our federal government to provide funds when we have done nothing ourselves?* What is threatened is not just military infrastructure but ALL infrastructure including all privately owned businesses of any size. Its obvious that Congress is not going to do anything, and neither is the Alaska Legislature. So, who should get this started?

Solution/suggestion: What if we, Alaskan businesses, and a few others, organize private investment with maybe some federal tax incentives that start this? Let us start with the banking or financial industry. What do they need 'hardened' so that they can survive/prevail over an EMP attack? All their financial records would be a good start. All their fiscal accounts. What if a technology were developed that could protect these extremely valuable critical assets so that the financial businesses could prevail? Who should lead?

Then we move into the energy sector and do the same. Then other key strategic economic sectors, and let us not forget water, sewer, heat, etc.

We have been advised that there are a few innovative Americans working on a technology or a group of them that could harden at nominal cost just about anything. The biggest challenge of course is the electric infrastructure that is almost totally owned by municipal governments or private utilities. Why don't they get started, again stimulated, and incentivized by federal tax constructs? Who can we get to introduce this in Congress?

Now we have the private sector leading our state and then our nation on this threat. And many thought socialism was the next step. (That's my new book – Stopping America's Slide into Socialism – maybe) All we have to do is get this started, apply the technologies that have enormous financial value with incentives, and 'show' how to do this – and 'show' that **we** the people can do this – leading our state and our nation with a partnership in government who would be appropriately focused on our electrical systems and defenses.

Are EMPs something we need to be worried about? The experts say yes, and we need to do it sooner rather than wait until But why no 'action' from D.C. or Juneau? Because we, the people, have not been shown this threat to our very existence – yes, important enough for **us** to get this started. That is why the politicians are not concerned? Do some even have the bandwidth to understand this threat? Again, that is one of the reasons private industry needs to take the first step and show we understand this threat and we can start by protecting ourselves. Why not?

Let us face it, if we do nothing, then I guess I'll have to get my rifle out and go up on top of my now frozen home and get ready to defend myself from my neighbors as they scavenge for food and water and heat. Not my idea of being a good neighbor or good Alaskan.

How can this be happening? How soon will other areas in North America realize what will most likely happen and will they do anything about it? When? What about Canada?

Well, we are ‘talking’ about it – again, but this time with a new ‘private sector’ vision.

We are tired of the political talk and the delays. It is time for an immediate plan of action by *‘the people’* right here in Alaska to get this started. Why not?

We have called on our congressional delegation, the governor, and our legislature to formally request at least some leadership on hardening our electrical utilities. Governor Palin got a resolution passed asking for this – a decade ago? Federal leadership with some funding through a joint AK House/Senate Resolution to start a pilot project to harden Anchorage would finally determine the actual cost of such an effort and how it can be done across all sectors in America, public and private. But again, the key now is for the people and their businesses to get started. How long would this effort take? Can we build a federal, state, local and private initiative to harden our city and provide a model for the rest of America? Why not? Talk about being transformative.

Now with this sobering story bouncing around in your head, read the Alaska Republican platform plank that was passed by the 2016 ARP Convention. The items under A – P are the specific items approved. *The italic sub items have been added for the purpose of this paper to help fill in some points.*

ALASKA REPUBLICAN PARTY 2016 CONVENTION – APPROVED PLATFORM

VI. NATIONAL DEFENSE AND VETERANS AFFAIRS

- A. We support peace through strength, believing that a strong military helps ensure a free United States. We support all who serve or have served our country and commit to support them and their families.
- B. It is the policy of the United States of America to immediately design and implement an aggressive, innovative, substantive, effective, and multi-lateral hemispheric defense for Alaska and the Arctic in cooperation with other Arctic nations. To accomplish this, we must take immediate private, state, federal and allied action due to the ongoing and growing danger to Alaska and the Arctic from Russian, Chinese, North Korea, and other international threats *now including Iran.*
 - *In order to fill the immediate need for forces that are tactically and technically competent to operate in the arctic performing homeland defense and homeland security missions until DoD and DHS are prepared to do so, we support a grant program where DoD and/or DHS will provide grants to states to increase the readiness of state guard (not the National Guard) and state defense force units to*

fill this void provided the states can demonstrate their ability and political will to maintain ready forces for an Arctic environment.

- C. Our immediate focus must be the funding, development, training, equipping, deployment and readiness of our intelligence infrastructure, our early warning systems, our missile defense capacity, our air defense capacity and placement, our naval defense capacity and placement, and our land defense competence and mobility.
- *We must continue regular live testing of anti-ballistic missile defense systems.*
 - *We must continue efforts to enhance the detection systems and missiles necessary for anti-ballistic missile systems.*
 - *We must double the number of cutters assigned to the USCG District 17.*
- D. We strongly support the restoration and the rearming of the Alaska State Defense Force to full strength as part of the organized militia of the state.
- *We support as part of B1, the authority to utilize federal grant money to train and certify ASDF members to Alaska Police Standards Council VPSA standards to increase they capability and utilization.*
- E. We also support the restoration of scout units in rural Alaska.
- *We support reforms to allow flexibility in the use of federal funds to prepare likely recruits for a successful military career in an Alaskan Scout unit.*
- F. We support installation of a North American terrestrial eloran system to expand timing (UTC) and navigation coverage to back up the space-based GPS system that is vulnerable to attack, jamming, and global or localized natural disasters.
- *We must commit to immediate production of six to twelve heavy icebreakers for homeland security use in the Arctic based in Alaska.*
 - *We must commit to a deep-water port in the Northwestern region of Alaska.*
- G. We support an active, aggressive war against those terrorists or other groups solely responsible for the planning and/or attacks on the United States, her citizens, or her interests.
- H. opportunities and welcome the expansion of forces in Alaska. This includes our Active Duty, Reserves, Alaska National Guard, naval Militia, Coast Guard and Alaska State Defense Force.
- *We support changes in law and regulations necessary to utilize existing excess capacities in state, local and private facilities to reduce the financial cost to the taxpayers of this necessary build up.*
- I. We support the operation and further development of the Ground-based Midcourse Defense System in Alaska as part of a layered ballistic missile defense that protects all 50 states and Canada.

- *We support continued aggressive live fire exercises of the Theatre High Altitude Area Defense system as complimentary to this system.*
- J. We strongly believe in the readiness of our homeland defense and recognize that every citizen has the responsibility to support and defend our liberties. We support securing our national borders as an essential component of our national defense.
- *In recognition of the Tenth Amendment, we support federal DHS grants to states to augment their state defense forces to secure our nation's borders.*
- K. We support developing, producing, deploying and using weapons and equipment advanced through active research and development so our military forces will be properly equipped and protected.
- *We support the research and development of a new generation of ground vehicles, individual equipment, and weapon systems better suited to the Arctic.*
 - *We support the aggressive development of a 3D printing program for localized replacement part availability to reduce the cost, time, and vulnerability of long resupply lines.*
- L. We believe compensation and conditions for our armed forces in place at the time military service is initiated should be sufficient to attract and retain quality men and women as we honor our promises and commitments to veterans, retirees, and their families. These shall continue and not be reduced or otherwise diminished while in service or upon separation or retirement.
- M. No longer will the United States engage in foreign conflicts under the policy (rules of engagement) of “proportional response,” but rather the policy of the U.S. in these conflicts shall be left to the discretion of the theater commander.
- N. We oppose granting the same legal protections to non-U.S. citizens committing acts of war as are inherent to U.S. citizens.
- O. We request the Department of Defense use existing world-class facilities, infrastructure, and workforce readily available in Alaska before expanding to other locations.
- *We support the federal military being required to consult with the State of Alaska on available facilities before building new ones.*
- P. We support the immediate repeal of any or all portions of any NDAA that are or may be in violation of the U.S. Constitution.

Now, ask yourself the question, **what have we Alaskans done** since that state convention in 2016 to ensure we and our defenses are ready? Again, we cannot wait for Congress, we need to get started now. Has anyone done anything to address these and other ‘known’ vulnerabilities?

Senator Dan Sullivan is pushing – yes, it is a slow process, but now we have an O Plan for the Arctic, such as it is. As Sen Sullivan said, this is a start, an improvement, but we have lots of work to do. Why isn't this a priority for AK? Think jobs, economic activity, a united effort by the people.

What do we really have in our existing Arctic Defenses today? Can we survive an EMP?

Now what we are going to discuss are things we know based on information from those who know without revealing any classified information. If you have better intel, please share. Some already are and we greatly appreciate it.

Alaska has the largest available area (sky, sea, land) for our military's training in the world. So why are our Marines over in Norway getting arctic training? Not that we object to cross national defense training – we must continue to do that, but why isn't Norway over here training in our economy? Because they are better prepared than we are. They are better interfaced with the arctic than we are. They think further forward (50 years) than the next quarter or national election.

Let's start down the list:

Our warning systems: We have been 'watching' Russia and the former Soviet Union, North Korea, and China for an awfully long time. We watch them from space, from land, from the air, and from the sea (and under it too). These systems are coordinated so that any 'activity' that we can 'sense' - we know about quickly. If there is a launch of any type, or even a launch preparation, we know about it – at least we are supposed to. Our earth-based systems relate to our space-based systems so we can see from high and low (and under too). But how vulnerable are these systems/locations to attack by an EMP for example? Just think about how this paper started. NO one would have the time to react in any sufficiency. My qualified sources tell me that all watching systems are shielded and have been for years. Sorry, I am not that confident with the development of Super EMPs. There are shielding maintenance requirements that have not been funded for the past decade plus. Would that make a difference? How long from when we 'see' or 'sense' something before we can act in defense from the Arctic? From the other parts of North America? How long before . . . ? Is the arctic just a vast waste land in front of the northern border of the contiguous states that gives those folks in the little states just enough time to think and then act? What about the people who live and work in Alaska? Are we just fodder?

There is no question that our warning systems are the most essential defense tools we have so far. They must be constantly upgraded, tested, protected from 'hackers' and able to survive a super EMP launched from sea, land, or even space. And yes we are aware that Russia, China, and maybe North Korea have put satellites in orbit specifically designed to kill our warning systems. This is priority one. Why should it not be?

EMP Shielding: We have known about this real, profoundly serious, national, and *immediate threat* for an awfully long time, but although the military has been applying some shielding since

the late '60s our **civilian systems have done nothing**. In the face of an enhanced or super EMP, experts say the existing shielding by DoD is inadequate. Our intelligence agencies have confirmed that Russia, North Korea, China, and Iran not only have EMPs they now have super EMPs. North Korea and Iran's only limitations are the delivery systems and they have been testing new missiles for years. The media and know-nothings keep saying they must miniaturize these warheads before they are a threat. The experts say, not true. The warheads/EMPs are ready and have been for years.

The point is we know what must be done and it really should be done in cooperation with our full national defense infrastructure and their unique expertise. And yes, Alaska's private sector (as suggested starting with the financial sector) needs to partner, even take the first steps with our EMP defense/hardening systems, and with Canada and the Yukon. Obviously, this is not only a critical defense need it is essential to our state and national domestic survival and a technologic challenge to all things electric. Utility systems, transportation systems, most vehicles, communication systems, food, water, financial, et al. Hardening should now be manufacturing norms for anything dependent on electricity. Is this not a national defense priority? Is this not a business priority? Why not? And don't tell me it costs too much. A team of five volunteers did it, at least virtually, at Carlisle Barracks in 2010. A super EMP is a real, immediate, significant threat to our lives and liberties – and that of all Americans - and the very survival of our nation. This effort is well worth this one-time investment by business and the DoD. Yes, we will likely need to shift some priorities – but the principle purpose of our federal government is our defense not income redistribution.

Suggestion: What if Alaska is a pilot project for state EMP shielding? We are after all on the front line and we are comparatively small when you look at other states' utility infrastructures. Looks like maybe something to add to the next DoD budget. Unless Congress orders it, FERC and state regulatory entities that oversee utilities will not allow these utilities to recover their costs through a rate change, even a temporary one. Although I do agree if a rate change is allowed it needs to be limited and tracked so the 'new' money really goes to EMP shielding and not trips to some conference for legislators or mayors in a warm zone.

Time to get those priorities right. Maybe we set aside going to Mars until we fix this real immediate known vulnerability.

America's leading EMP expert is one of our reviewers. This is what Dr Peter Pry said,

'Your description of the EMP threat in your report is accurate and realistic. Indeed, it might not go far enough. A Russian EMP attack launched off a freighter or forward-deployed submarine could probably succeed with a single missile, as there would be too little time for NMD to detect and intercept the launch. For example, Russia is marketing a cruise missile called the Club-K designed to be launched from a shipping container, so that any freighter can be converted to a missile launch platform. While Club-K is advertised as an anti-shipping missile, it is designed for a conventional or nuclear

warhead. The missile skims above the ocean below radar at supersonic speeds, and has a solid-fuel last stage that, at the last moment, can zoom climb to high-altitude for a surprise EMP attack. Iran has purchased the Club-K. A surprise EMP attack could also be performed by satellite, like North Korea's KMS-3 and KMS-4 satellites that currently orbit over the U.S. mainland (and Alaska), supposedly on peaceful scientific missions. While your military friends may assure you that NMD and military forces in Alaska are EMP hardened, the EMP hardening standard used by the U.S. does not exceed 50 kilovolts/meter, whereas Russian Super-EMP weapons are designed to generate 200 kilovolts/meter. Because Alaska is where NMD is based, Alaska will be on the "hit parade" for a nuclear EMP attack from Russia, China, and North Korea if they ever want to strike the "lower 48" using ICBMs. These bad actors probably also have contingency plans for an EMP attack on Alaska alone as a limited nuclear option designed to "de-escalate" an international crisis. And don't forget about natural EMP from the Sun! Since Alaska is at a high northern latitude, it is more vulnerable to EMP/GMD from solar storms. FYI, the Republican Party Platform on which President Trump was elected includes a provision calling for protection of the U.S. electric grid and other critical infrastructures from nuclear and natural EMP. Some years ago, Governor Palin passed a bill calling upon DHS to help Alaska EMP harden its electric grid and other critical infrastructures, but unfortunately, to my knowledge, nothing happened. Sen. Murkowski, as Chairman of the Senate Energy and Natural Resources Committee, is ideally located to advance legislation to protect Alaska and our nation from the existential threat that is EMP. I have been in contact with Murkowski's staff and encouraged them to do so—but you, as a constituent, may have more influence. Perhaps the most important thing Murkowski could do is trashcan the U.S. Federal Energy and Regulatory Commission (FERC) and the North American Electric Reliability Corporation (NERC) that are supposed to protect the grid, but are doing a lousy job, even refusing to protect against nuclear EMP (they say that is DOD's job!). FERC and NERC are so deeply corrupt, a part of the Washington swamp that needs to be drained, that there is no reforming them. New institutional arrangements are needed to protect the grid and the American people from an EMP catastrophe.' *Dr. Peter Pry*

My point is that this is not just my nightmare. It is a known reality, but there is no courage, no commitment that obviously must start with our leading and most exposed businesses at any level to get their immediate needs addressed and, thus by example, our essential defense systems and utilities hardened and ready so that Alaska can survive – no - actually prevail.

Troops in the Arctic: We have been fighting wars in the warm parts of the world for so long few if anyone even think about a war in the arctic. I mean, who would want to fight in -65F –

are you kidding? Russia, China, North Korea seem to want to at least get ready for this. Just look at the attached map illustrating what we openly know and can without violations say just about Russia's build up across the pond from Alaska. What about America and the other arctic nations?

If you take the time to get to know and understand the real limitations on our existing 'notice' or defense equipment and its unreliable functioning in the arctic you soon realize that we have a major challenge here that will take lots of money and time to fix. We know what we need to do, we just need to apply it to new vehicles (track and wheel), aircraft to include helicopters, weapons, staying warm, etc. And why not initiate this in the arctic starting with Alaska? Get at least some of our vast military industrial complex to locate here, in the arctic, and hire local Alaskans who understand ice, snow, ice fog, -65F, etc to help. This not only sets us in the right direction for 'fixing' these challenges, it provides essential jobs and economic activity in Alaska for decades. Why not? Just write it into the qualifications for the bid.

Training men and women from Florida and southern California how to fight and survive in the arctic is obviously essential. No, this should not be done in Norway. It should be done in Alaska where we have lots of room to play in the snow, ice, and water – the dark and the cold.

To start off, we need a new cross service 'rating' patch – '*Arctic Warrior*'. To qualify you must pass the arctic survival course and then the arctic escape and evasion course. Yes, Marines, Army, Navy, Air Force, Special Forces, Seals, etc. We must have an adequate percentage of service members who know how to survive and fight in the arctic. And yes, they need arctic functional equipment too. Tires freezing and falling off their rims overnight is not a good 'readiness' standard.

Then once we have enough trained troops in arctic survival and warfare, we need to organize and rotate units through the arctic on a regular basis. Rotation is important, just ask any Alaskan who has been here for a while. Seeing the sun in the winter is important for your mental health as well as your trigger finger. Really.

So, we have Special Forces, Rangers, Seal Teams, and others specifically trained, outfitted, and more than capable to fighting and surviving in the arctic. These teams should also interact with other arctic units like the Alaska Scouts, the Alaska Defense Force, the Canadian Scouts, etc. And we should have regularly required full national defense capacity war games that last for a few weeks at a time. And these games/training exercises must include Canada and other arctic nations.

The Navy: Alaska has more coastal shore (34,000 miles) (California has only 1,260 miles) then all the lower 48 states combined - and it is not, well not much of it, on warm sandy beaches. A new Navy group across the northwestern face of Alaska is critical to our defense and daily intelligence gathering. BTW, it is where Russia likes to play, even in our waters. And it must be capable of moving across and through the ice year-round. We believe this is again an

opportunity for our vast military industrial complex to design and build a new class of sea and ice war vessels. This takes a long time, that is why it is so important that we get started immediately.

Locating our Navy in deep-water ports in western Alaska should not be that great a challenge, especially if the new Arctic Naval Fleet is specifically designed to operate there. Russia is far ahead of us here and so are other nations, so we need to get started. In D.C. they say it takes fifteen years just to approve and then build a new ship. This is crazy. Makes me want to check the power in my alarm clock again.

The Air Force: Alaska has long had a responsible Air Force presence since WWII, but its capabilities, reach, response time, and strength must be reviewed and where necessary improved. Senator Sullivan has done wonders here, but we need more. The ability to respond to our intelligence systems 'sensing' something is not 'minute' critical but 'second' critical. Location is also critical as that alone gives us time to react before the power goes off in your alarm clock at 2am. In addition, with the new aircrafts under design, arctic considerations must be reviewed before their completion and deployment. One of the biggest issues in our Air Force in Alaska is spare parts. We must address this at the 'Amazon.com' speed, now the baseline for parts delivery. Major air capacity locations along the Bering Strait and close to the Canadian border in the Arctic Ocean are essential as you watch the Russians build dozens of new arctic launch locations. (look at the map)

Missile Defense: Missile intercept is a critical mission for our defense. The Alaska site designed for 200 missiles still only has 40 of which only about 20 are operative at any time. What? Less than 10% of our designed system is operable at any time? That does not raise a lot of confidence especially since the GAO and others report that less than half of these intercepts hit their target. And locating all of these in one place really does not make a lot of sense. These intercepts need to be spread out in groups of ten (that means five will hit their target), or the entire system is vulnerable to shut down via any number of means. Again, look at what the Russians are building across the arctic and structure our missile intercepts and space weapons in a responsible design that can act quickly and hopefully hit more than half of what's coming at us.

I hope we have made our point. Again, the function/purpose of this paper is to get people thinking and discussing this challenge and then hopefully are now ready and willing to do something - soon. We strongly support the efforts of our Congressional Delegation on the issue of rebuilding our arctic defenses. But they need to know that we, the people of Alaska want this and want it sooner, not in fifteen to twenty years. We the people and our businesses need to act and show that this is something that MUST be done. BTW, globally a lot can happen in a year.

Senator Dan Sullivan's speech: <https://www.csis.org/events/defense-arctic-assessing-us-security-concerns> The speech and the panel following are well worth your time if you are interested in this issue. Pay close attention to the map of Russia's build up.

And there is the consideration that this initiative, if done at the scale and speed necessary to oppose those building up on the other side of the North Pacific and Arctic Oceans can have a very positive economic impact on Alaska in a wide range of jobs and economic activity. They can also enable critical access to huge mineral and energy resources not being developed because of the cost of conveyance. Why should we not get ready?

So, when you go to bed tonight, check your alarm clock and think about what we have said. Better yet dream about this just a little please.

Congressional EMP Reports I recommend:

http://www.empcommission.org/docs/empc_exec_rpt.pdf (summary)

http://www.empcommission.org/docs/A2473-EMP_Commission.pdf (best most comprehensive)

<http://www.emptaskforcenhs.com/> (an excellent report – most current)

<http://www.cnsnews.com/news/article/barbara-hollingsworth/gao-report-us-remains-vulnerable-emp-attack>

Please feel free to ask questions, correct notions, provide information, and to fully engage on this issue. If you choose not to, remember when your power goes off and your alarm clock isn't working (and neither is your heat), that just maybe you could have done something. Why would you not? Talk to your legislator. Tell them we need a joint House/Senate hearing on these issues.

Now that we have scared you just a little, we want to drop one more piece of intel into your thinking. There is another far more efficient way to win other than what has long been generally regarded as a 'war'. A strategy, an old one actually, that redefines 'what war is' and how it is fought, and how just one entity can defeat any enemy on this earth without harm to critical infrastructure – as if from another reality in time and space

What is the most efficient provable way to defeat the United States? You do not have to blow up buildings or infrastructure – in fact, you may want to use them when you take possession. You do not have to kill thousands of people, just scare the shit out of them so they retreat and hide. You do not have to launch a nuclear war leaving the areas impacted with little functional value for decades due to radiation. Now and EMP can make a mess of things, and if that day comes, we are confident it will be the EMP that starts it. No, think a minute, you already know the answer because *you have been living in it for months* this year (2020). Is it nuclear warfare, complete economic subversion with total business shutdowns, deep substantive political/cultural

dislocation and disorientation, the biggest strongest active military on the planet? All are now almost irrelevant.

The purpose of war is usually the acquisition of land or water or natural resources etc. A strategic location with resource abilities. What about stopping the development of new weapons that you cannot win against once manufactured and ready by your enemy. Killing a culture or race because of some theological notion, is not a new idea. Completely destroying an economic system, you cannot compete against. Etc. But do you really need to deploy your warriors, your weapons, your battle ships, your war equipment to do this? Maybe not anymore.

The most insightful intel here is the Chinese book '**Un-restricted Warfare**' written by two Chinese Colonels and published in February 1999 by the China's People's Liberation Army, Beijing. It was then leaked, translated, and reprinted for global distribution by the United States. I suspect few members of Congress or our legislature have read it, or even know about it. Briefly after watching the United States who in just hours devastated and defeated Sodom Hussein, these two highly trained and experienced Chinese warriors thought it was time to rethink 'traditional war' especially between China and the U.S. This book is not easy reading because the translation makes some parts hard to understand, but if you care about these issues, it is a MUST read. Give yourself at least an hour to rest before trying to go to sleep. This is what you will learn as well as much more. 'There are no longer any rules of war.' It is really whatever it takes to win. Sounds kind of familiar.

To know and strategically understand how to enable and openly encourage deep national fear that is fully believed by 'the people' of your enemy, causing economic shut downs and stimulate/enable vast national and local political incompetence in who and how a government decides to respond. To date, the most illustrative application of these weapons was the use of COVID-19 by China regardless of how it was released. Once it was out the door, whether purposely or by accident, the next strategic action by the Chinese Communist Party (CCP) to launch a bioweapon globally was and continues to be amazingly effective. Yes, I know there are many, especially on the Left, who will not agree. The problem is many of these Americans are financially beholden to China and their leaders, and most do not even have the 'band width' to comprehend what we can now **prove** happened.

It is critical to know and clearly understand that just one Chinese scientist working under the direction of the CCP, - she is often referred to as 'The Bat Woman of China' - no I'm not making this up, is directly and personally responsible for the 'creation' of the COVID-19 virus and most specifically its harmful impact on human beings. Understand that before her manipulation of the bat mucus, it was not a threat to human beings. It was her actions in the lab, which she then published internationally, that enabled COVID-19 and its deadly impact on humans. The economic impact that followed was the result of incompetent state and local, and yes, some national leaders 'choices' in how to respond. And the world has decades of studies that show

that 'lock downs' do not work. They just walked away from their own intel. But this was the victory the CCP wanted and it is the one they got. And there is much more.

Carefully observing and measuring how many national and local governments across the planet ineptly reacted to this so-called pandemic threat - providing key emotionally effective propaganda strategies causing quick and substantive harm to national, state, local economies, various cultures, and critical institutions was the next step. We know that the first projections on impact were not only wrong, they were very wrong and the person (Neil Ferguson) who presented these statistics to the British Parliament was in fact a total fraud. But this one report sent the world scrambling and no one did their own homework. Ferguson, who had contracted the virus, was forced to resign from a scientific committee. Again, no one did their own homework, they just accepted what he said knowing his projections have all been wrong on a number of other issues.

Again, none of this would have happened if Shi Zhengli working in the Wuhan Lab, under the direction of the CCP and its military leadership, had not modified a naturally occurring bat mucus sample she had gathered **so that it could infect humans**.

That is right, without this purposeful exceedingly difficult laboratory modification of this natural bat mucus virus - there would be no COVID 19. No global pandemic. No economic shutdowns. Tens of millions without jobs. 190 countries infected. Its predicted that 40% of American businesses will not reopen. The world would not have 426,000 deaths – so far. NONE of this would have happened if not for Shi Zhengli and those she works for, the CCP military.

How do we know this? How do we know that she in fact did this on purpose? No, this is not some so called right-wing conspiracy as the corrupt media screams. We know this because she published four professional papers and made speeches bragging of all of this internationally. She was proud of this. She has been publishing her 'achievements' since 2007. Then came the important reveal in 2013 that she had found a way to mutate the natural bat virus to now 'enter' or infect humans. Shi Zhungli's successful splicing of the SARS virus was a key to opening the door to this cross-species transmission. She announced this in 'Nature Medicine' an international journal. This announcement caused alarm in many parts of the world, including the United States. On October 16, 2014, the National Institute of Health called for all U.S. funding of this specific research to be stopped. Yes, Shi Zhungli's research had been funded in part by the United States, we even gave her samples to work with, and guess who was in the middle of this? Doctor Fauci. In fact, if put under oath, this American would have a great deal to reveal, and not just about COVID-19. It has now been revealed that Doctor Fauci used federal funds, but in his name, to underwrite the development of what looks like the most promising vaccine. A federal investigation is underway. We suggest that the U.S. Senate hold such a hearing, but please have the homework done and briefed before the hearing so that the Members know the answers before they ask the questions. It makes a big difference in the reveal of a witness.

Why did she do this? Other than getting paid to.

Look at who funds her research. Is this Chinese lab, designed by France, an ‘academic facility’ or is it something else? This lab was in fact started in 2003 with significant assistance, including its original design from France but then was taken over by the top military engineering company in China. International experts on bioweapons research and development openly suggest that it is not an academic lab. It is a bioweapon research facility tucked into what appears as an academic construct.

Watch the documentary film on where this virus came from and how we know. Why has the American media not told us more? Because, as we now know, the Chinese government has paid tens of millions into all the main American media outlets to keep this intel from becoming known. Why? Do your own homework, and you will be shocked at what you uncover. Wash, D.C. knows all of this. I believe that after November 3, 2020 it will ‘leak’ out.

<https://www.youtube.com/watch?v=3bXWGXhd7ic> It is hard to find now on Goggle – wonder why?

So, ok she created this virus – a new highly infectious bioweapon. It got out, how we still do not know for sure and may likely never know because outside professionals are not being allowed in to explore such questions and some who do know have disappeared. Note, that the CCP immediately put out a story that the virus was from a bat in a ‘wet market’. But there was something wrong with that story because there are no bats and have not been any bats in this wet market for an awfully long time. Clue, this was the first indication that something was not right here. They wanted to cover it all up and blame the wet market.

But it is the next strategic decision by the CCP that is the key. They immediately closed almost all of China and did not allow Wuhan folks to travel ‘in China’. But they immediately enabled and in fact directed the exit of thousands of people from Wuhan who were most likely infected to fly across the planet and contaminate the world. “And then they watched”. Anyone who has done the research and carefully tracked this line of CCP decisions, sees this as clearly obvious.

Now consider if the Chinese have (some suggest they already do) a vaccine that could protect ‘those who are important’ in China from this virus infection. Isn’t it interesting that with the global spread of the virus almost no one outside of Wuhan in China got sick?

So, what can we do to fix, or at least try to fix this massive series of global errors?

We strongly support the action of the President to stop all American funding for the World Health Organization (WHO) well over \$100,000,000 a year. The American people along with many others globally need to know what China did and did not do and how the WHO enabled it. The corruption in the WHO is known - provable. Many of us who have worked with the United Nations and its various off shoots are familiar with the gross corruption and general incompetence and huge waste there, but . . .

What are America’s next steps? Here are our recommendations.

1. Restructure and fund on a five-year grant construct, the PREDICT component of the USAID Agency program and insist that other nations participate at some minimum required contribution and get their teams out there finding and understanding all these viruses. In just a few years they found and cataloged 1,200 viruses including 160 coronaviruses. They claim there are about 800,000 more. It's a lot cheaper to do this then suffer another global pandemic. IMMEDIATE ACTION REQUIRED
2. Annual published report on results, with lots of media fanfare. We need at least an annual report on collective results in finding, dealing with, and preparing to address prospective pandemic viruses. What have we spent? What have we accomplished? What remains to be done? *It is simply good results-based management.*
3. Look awfully hard at the Food and Drug Administration (FDA) and how it slows down the approval of medications in America that have often been in use in other countries for years, with good data. We need a much faster process, not one controlled by pharma.
4. Help FEMA provide and organize the essential response equipment in storage areas located close to high risk communities i.e. NYC, Chicago, Detroit, LA, etc. There should also be some level of state participation in this effort be it funding or support. In most cases this is already in place in areas that have regular flooding – but this equipment is different. This should be a standalone bill.
5. Aggressively use the Public Health Service to fill in what we need in quality medical professionals targeted at those areas of America in immediate need. College and medical school scholarships with five-year commitments after graduation area essential. Target proven areas of need both in discipline and geography.

The purpose/function of this component of this paper is to hopefully get you to do your own homework and learn about what is really going on around the world. It is critical that you know and understand, for example, 'Grey Zones' another tactic of winning their (China) global war to establish China as the only international supper power and the economic giant on the planet. It is all there in their book.

The problem is that most nations long ago agreed they would not develop or use bioweapons. But remember, now there are no rules for the CCP. Now, its just about defeating the West.

At the Alaska Republican Party (ARP) state convention in 2016, one of the platform planks that was approved by the convention, as suggested by the subcommittee on National Defense and Veterans Affairs, outlined a significant and aggressive combined

national/state strategy toward the *immediate* rebuilding or upgrading of Alaska's arctic defenses.

Nothing happened. Its now been four years, and not much other than what Sen. Dan Sullivan has been able to pull across the table. Why not? Is it that 'the people' do not care?

The specifics of that platform statement made up the outline for this discussion paper the purpose of which was to inform and stimulate discussion and hopefully responsive action by our political delegations, the U.S. Department of Defense, Congress, even the White House, and PFD distracted Juneau. Let's hope they don't just talk about it - again. Why should we not upgrade our defenses given the clear advances of Russia as illustrated in the attached map. And what about North Korea, and China, and now Iran – they all pose real **known** threats to our homelands.

It was recognized in the platform statement that this should not be a unilateral effort, but one that is multi-lateral and fully integrated as the Arctic is now obviously of high interest not only to Russia but also China and North Korea and of course the USA and Canada. So, the immediate organization of an Arctic Defense Command or coalition of nations is an important first step. This will not be easy as many of these often-isolated nations do not see any immediate national interest for themselves, so this will be an early challenge, but it is one we think the White House, Congress, and our Governor should welcome. We do have several VIP Alaskans working on the Arctic and they are copied with this as it develops. The response has been totally positive from them, but most are wary that no one is listening.

The defense of the Arctic and Alaska's borders is not a new discovery in the political or defense world. It is something that has been 'talked' about by our Alaskan delegation and others for decades, but little has been done – in fact, in some countries critical assets have even been 'pruned' due to a lack of interest, or budget constraints as social programs continue to take funds from defense and redistribute them to various special interests. Frankly, it is time to openly rethink this socialist behavior.

With the election of Senator Dan Sullivan, Alaska's former State Attorney General and Commissioner of Natural Resources, and an active member of the U.S. Marine Corps Reserves as a command full bird Colonel, attention to this issue has refocused and accelerated. The action in the Senate that he led to require the Dept of Defense to provide an 'O Plan' for the arctic showed significant progress, but there is much to do and time is not in our favor. Think COVID-19. If you are not plugged into what Sen. Sullivan is doing, contact his office and get on the list. You will be impressed.

With the accelerated (Russia started almost 20 years ago) defense developments in Russia under the aggressive leadership of the forever President Putin and his naval, air, missile,

and ground force leadership, there is a growing understanding of this and the other threats that continue to emerge. Again, look at the map attached, provided by Sen. Sullivan at a recent event in Wash D.C., of Russian plans and arctic developments. Note that this is only Russia and only what we can publicly reveal about Russia, it doesn't include North Korea or China. Massive new Russian military compounds are under construction, many already in operation, and up to fifty (50) are planned – **yes in the arctic**. In the past few years Putin, has added four new brigade combat teams, a new Arctic command, 14 new operational airfields, with a goal of 50 by 2020 – this year. Russia has added 16 deep water ports, has 40 icebreakers, with 11 new icebreakers in development. Recent Russian Arctic military exercises included 45,000 troops, 3,300 military vehicles, 41 ships, 15 submarines, and 110 aircraft. And, again, let's not forget China and North Korea – DoD sort of did, but Sen Sullivan was on it. But why would Putin do this if he had no serious interest in the arctic nor 'control' over its strategic location, its vast energy and mineral resources, and more?

“Whoever controls the arctic, controls the world.” Floor speech by Sen Lisa Murkowski.

But how real are these concerns? How immediate are these 'new' threats? Keep thinking not only about Russia, pay close attention to China and North Korea.

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Reviewers:

- Senator Mike Showers, retired Air Force fighter pilot
- Dr. Peter Pry, Congressional Advisory Board dedicated to achieving protection of the United States from electromagnetic pulse (EMP), cyber-attack, mass destruction terrorism and other threats to civilian critical infrastructures on an accelerated basis. Dr. Pry is also the Director of the United States Nuclear Strategy Forum, a Congressional Advisory Board dedicated to developing policies to counter Weapons of Mass Destruction.
- Senator Josh Revak, US Army 6 years, wounded in Iraq, discharged
- Chris Nelson, retired Lt Col, Infantry & Civil Affairs, long time expert on Alaska's defenses

The Alaska Roundtable is a non-partisan, conservative think tank that includes some of the best most experienced political and policy minds in Alaska. The Roundtable meets every Thursday at 11:30 in Anchorage. If you would like to join a meeting you must be invited by a Founder. 907 229 5328