

Arctic Fire Wargame Executive Summary

The idea of this amendment is to provide generic means of a hybrid warfare attack that tries to avoid a classic military conflict.

Scenario

The Scenario is based on the defense of a free and democratic nation (BLUE) against a potent aggressor (RED). RED's aim is to gain control over geographical parts of BLUE without triggering BLUE's defense alliance (GREEN) for war or at least the denial of a military usage of these parts by GREEN to achieve a strategic advantage. Both countries share parts of their border and have access to the open sea. Both countries rely on selling their products on international markets and may have resource reserves to be exploited.

General overview of the hybrid attack

The whole attack of RED will be a timely phased attack under usage of all its different ministries, departments, responsible actors and possibilities to influence and put pressure on BLUE under the condition to hamper and distract GREEN. The campaign will last at least 12 months, because many measures need a long preparation time. Examples are negotiations with several countries (with friendly nations as well as members of GREEN) to build new contracts or bi- and multilateral cooperation, to move players (politicians, organizations) in the right position and build facilities of all kinds (trading and business facilities, construct civil communication and power installations and grids, move and settle people in different areas of the world, influence people all over the world-especially when they have roots in RED). Military partnerships and exercises based on a defense situation of RED's territory will prove the readiness and willingness of RED to act. These measures will be supported by several media campaigns, which target to convince the world's opinion that RED is a good and reliable partner, a modern country which respects human rights and who supports prosperity. Additionally, the goal is to convince the public opinion by all means about the idea that BLUE is always violating RED's rights and RED does not act aggressively.

Preliminary measures to prepare the battlefield

In the months before the attack, a large media campaign starts to present RED as good member of the United Nations, as supporter of freedom rights and fighter against international terrorism together with other nations. Red presents itself as an open country, which invites all other nations to work together with them for a better and safer world. RED will always propagate that it is interested in peace, freedom, stability and prosperity. Relations to partners are intensified and reassured, small exercises with partnered nations on the military field conducted. Accompanied with this, RED's industry starts campaigns to get in closer touch with companies from abroad, explore new markets and build up new partnerships. Focus lies hereby on bilateral partnerships. The production capability of RED's industry is raised; the economy is strengthened to make it compatible also for longer economical struggles with BLUE and GREEN's countries. Possible weak points of BLUE and GREEN are identified to find the center of gravity of the opponents (as far as this is possible without being blamed or accused for doing so).

Main Courses of Action

The overall aim of RED is to generate a situation in which it is favorable for GREEN and BLUE to accept a demilitarized zone for these countries in the Area of interest (Aoi) as trade in for a situation which may lead to the loss of control of the whole region.

RED starts a media campaign to prepare the battlefield. Additionally, it starts a campaign to strengthen the ties to their allies and gain new partners. This is to build a unified front against the alliance of GREEN. In a next step RED starts an economic campaign to weaken BLUE's economic power, and strengthen the own economy to make it more compatible in a longer economic war. This is accompanied by an aggressive economic expansion to dispute BLUE's resources, strengthening ties with BLUE's population in its border region, and an open border and free trade zone initiative for the Aoi. All this aims to lower BLUE's influence in the Aoi. In the military sector RED start defense exercises to show its ability and willingness to defend itself, but also initiates anti-terror exercises to gain further insights into GREEN's and BLUE's capabilities or to impeach them internationally for not joining these important events. Politically RED starts to drive a wedge into GREEN in order to get a couple of weaker members of GREEN on their side or to put pressure on them that they will at least not act against RED's interests. RED supports interior problems in BLUE and in some weaker countries of GREEN (uprising of religious groups and minorities as well as radical political parties) to shift the focus especially of GREEN on internal problems in order to achieve an unwillingness among GREEN members to care for additional internal problems of BLUE. RED will cause incidents and accidents with BLUE's civilian and military material with great impact on the population of BLUE and the environment, where the origin of the incidents is claimed to be on BLUE's side. This is used to blame BLUE internationally and create a common sense among BLUE's population that military should be banned out of the Aoi. Cyber-attacks on BLUE which hamper and distract their complete communications and energy network massively, support BLUE's inefficiency in handling problems and will lead to further credibility loss among its population and the world community. This all is aimed to create a situation in which a referendum in the Aoi about a separation from BLUE's mainland may be likely to be lost by BLUE. With reaching this goal, RED is able to use this as a trade-in for negotiations to reach a demilitarized zone in the whole Aoi that no BLUE and GREEN forces can use this strategically important region any more. The whole attack is supported by a massive media campaign discrediting BLUE's policy and ability to handle all these problems, showing RED effort as reliable partner for a better and safer world.

Hybrid campaign

In this phase all resorts of RED conduct their attacks on BLUE and GREEN, most times these attacks will be combined attacks of different resorts.

Topic: Economic Expansion

Prerequisites: None

An economic expansion conducted by the trade representative aims to increase the influence in the Aoi. An aggressive business expansion increases the footprint in the area and can generate a dependency on RED's goods. The increase of the footprint is caused by an increase of the proportion of foreign citizen in BLUE as workers. It offers RED the opportunity to raise tensions with BLUE's citizens in the region. Influence of the local policy takes place by generating crowding-out effects. SOF personnel can infiltrate into BLUE masked as workers and start intelligence operations in BLUE. By generating well paid jobs in connection with welfare programs, the population of BLUE is influenced in a way that RED's reputation is increased and BLUE's reputations harmed. The enlarged footprint of RED offers them a better position for further negotiations of economic treaties. When BLUE is not willing to accept more economic growth

of RED in this second step, RED can threaten the population with closing all economic facilities and so threaten the population of BLUE with the loss of jobs.

The economic expansion is a cost-intensive mid-range project that requires cooperation with state, interior, and media representatives.

Counter: BLUE can either restrict the entrance to its economic market or start an own development initiative to keep up with the increasing number of RED's ratio of the population

Impact on GREEN/BLUE: If accepted or even welcomed by BLUE, no escalation occurs. If BLUE is unwilling to accept, it provokes BLUE's focus and a higher attention of GREEN on the region.

Best case outcome: RED significantly increases its ratio among the population of a region and gains influence on political processes. This also makes it easier to cover SOF in the region and generates a greater impact on intelligence information.

Modifications: N/A

Topic: Fight for Resources

Prerequisites: None

RED starts an additional fight for resources. Two main opportunities arise here.

The first is the increased explorations and exploitation of natural resources like oil or gas close to BLUE's border and territorial waters. The focus lies on quick exploitation instead of high efficiency. The aim is to deny BLUE the access to these resources, lower their productivity and increase the competition on the world market that BLUE has problems to sell all its products. Another aim is to increase the presence of RED in the Aol and improve their freedom of movement in the area, additional ISR capabilities will be hidden among workers of the exploitations facilities and the measures of transportation. This measure is strongly related to aggressive economic expansion with BLUE. The resource exploitation is a cost-intensive short to mid-range project that requires cooperation with representative of interior and media.

The second opportunity of RED is to start a campaign to compete for living natural resources like fishing grounds. RED will increase the exploitation of these resources in international waters and close to the territorial waters zone of BLUE to reduce the outcome of BLUE's fishing fleet. This will lower the GDP of BLUE, increase the unemployment in BLUE. RED will offer BLUE workers new jobs in RED corporations funded on BLUE's territory due to the economic expansion. RED will also be prepared to protect its fishing fleet with own forces if it comes to an escalation of the fight for resources. Additionally, RED can use a reduction of the fishing rates as starting point and trade-in for future negotiations about a DMZ in the Aol.

The living resource exploitation is a mid-cost intensive short to mid-range project that requires cooperation with representative of trade, defense, and media.

Counter: BLUE's response should be to protect its own legitimate resources, hamper the ability of RED to use their means of transportation for ISR, be prepared to adapt the resource exploitation on the behavior of RED and try to get more independent on selling all their trading goods.

Impact on GREEN/BLUE: Most likely to be seen as a local fight about resources as it can be seen in other parts of the world and even among members of GREEN, too. Only if BLUE can uncover ISR activities, the awareness among GREEN will raise.

Best case outcome: RED can study BLUE's willingness and capabilities to defend resources. On the long run this action can hit BLUE's economy and industry by getting them in a less favorable situation of using these resources.

Modifications: N/A

Topic: Anti-Terror Exercise

Prerequisites: None

RED will start an anti-terror exercise campaign. The initiative for the exercise will be conducted from a weaker ally of RED and all members of GREEN as well as all partners and allies of RED are invited to participate. The location for this exercise is not in the direct vicinity of the AoI in order to shift the focus away from the region. RED presents itself as a cooperative and reliable partner in the worldwide war against terror. RED forces all allies to participate and shows the unified front around RED and the cooperative approach of the exercise. In case of a denial of GREEN and BLUE to participate, RED will use this to blame these countries not to support weaker countries in the war against terror and being only interested to act against RED. A partial denial of GREEN countries will offer RED to announce that GREEN has no consensus among the members with respect to war against terror and so is no reliable partner. This will also enlarge the effect of driving a wedge among GREEN countries which supports RED in situation where GREEN has to decide about force escalation in its high council. When all participate, RED still gains the shift of the focus away from the AoI and supports the trust in RED as reliable partner in the world. RED also uses this exercise to support weaker members of GREEN to make them more favorable to RED. RED uses the campaign for political talks and negotiations to define common goals. The anti-terror exercise campaign is mid-cost intensive and mid-term project that requires cooperation of representatives of defense, media, interior, and state.

Counter: BLUE can either participate in an early phase of the hybrid war to show together with all GREEN members the closeness off the alliance. After seeing some hybrid warfare action in the AoI BLUE should convince the alliance not to participate with respect to RED's hybrid attacks. In this case GREEN should offer the initiator of the anti-terror exercises a separate exercise campaign which excludes RED.

Impact on GREEN/BLUE: No impact or a reduction on GREEN's willingness to act.

Best case outcome: GREEN's focus will be shifted to these exercises and weaker members of GREEN start cooperating more intense with RED. This increases the disunity within GREEN.

Modifications: N/A

Topic: Military Exercises

Prerequisites: None

Red starts a series of military exercises with its allies in the vicinity of weak GREEN members to change the focus away from the AoI and to demonstrate that in the case of a war RED is willing and prepared to defend its territory. As these weak members feel a rising threat among their borders, they pledge for more support by GREEN member states. This shifts the focus away from the AoI and leads to a concentration of GREEN means away from the AoI. Additionally it reduces GREEN's acceptance to support BLUE in a supposed minor threat situation. Therefore GREEN members will be more willing to accept a demilitarized zone (DMZ) in the AoI in exchange for security guaranties. The military exercise campaign is cost intensive and mid-term project that requires cooperation of representatives of defense, media, and foreign affairs.

Counter: BLUE has to strengthen its efforts to keep the AoI in focus of GREEN. One way would be to initiate special meetings of the alliance dealing with the actions in the AoI parallel to RED's exercises or the proposal of military exercises of GREEN in the AoI.

Impact on GREEN/BLUE: Rise of GREEN's willingness to act, at least a closing ranks among GREEN members.

Best case outcome: GREEN's focus will be shifted to these exercises and is finally willing to negotiate about security guaranties in this region in exchange for accepting minor status changes in the AoI.

Modifications: N/A

Topic: Preparation for Sanctions

Prerequisites: None

With respect to economy, RED will make its own economy resilient and prepare it for a long economic war with BLUE and GREEN as alliance. It makes the economy more independent from foreign supplies and open markets with new partners, which are adversaries of BLUE and GREEN. The population of RED is also prepared via a media campaign that BLUE's protection policy of their markets will harm the population of RED. Own sanctions against GREEN and BLUE will be preplanned and the implications of their sanctions against RED analyzed to lower the impact. To support this, RED will start large a campaign to find new partners and build a unified front against GREEN. New strategic economic alliances will be announced which threaten smaller members of GREEN, being dependent on the supplies of RED, with higher prices or reduced support. Conferences and summits with the new partners will strengthen the new alliance of RED and the front against GREEN. This is a low cost but long term project that requires cooperation of representatives of trade media, and state.

Counter: N/A

Impact on GREEN/BLUE: N/A

Best case outcome: N/A

Modifications: N/A

Topic: Open Borders and Free Trade Zones

Prerequisites: None

Red starts an initiative for open borders and free trade zones with focus on the AoI and surrounding regions. The comparably unfavorable economic situation in the AoI attract the people in BLUE to be interested in cooperation and is the foundation for RED to offer open borders and a common trade zone. The strong economic footprint of RED in BLUE and the expectation of large benefit and profit from this cooperation offers RED the opportunity to connect trade negotiations with further claims of RED (rights for minorities, demilitarization of several zones). All this reduces hurdles for new business to emerge, makes travelling across the border easier and brings the people in the region closer together. RED supports these measures with benefits for new businesses and additional tax reductions. RED uses the enlarged travel possibilities for additional ISR operations, infiltration with SOF and gaining of the cultural footprint in the AoI.

Counter: BLUE can refuse this initiative with respect to its suspicion of a hybrid attack by RED. But it then has to increase its efforts to economically develop the AoI in a way that satisfies the population.

Impact on GREEN/BLUE: no impact

Best case outcome: BLUE agrees and after successful negotiations RED gains its freedom of movement in the AoI. Aside this, the positive economic development increases RED's reputation among the population in the AoI.

Modifications: It is imaginable to start such initiatives on lower levels like cultural, environmental of industrial cooperation.

Topic: Genetic Survey

Prerequisites: None

RED starts a genetic survey in the AoI which will provide special welfare programs to people of RED in BLUE. Aim is to convince many people in the AoI on BLUE's side to be willing to become a citizen of RED. This will be supported by building cultural centers, consulates and other official governmental facilities of RED on BLUE's territory. Aim is to show the people in BLUE that RED cares for its people and associates and is interested in binding them to their country and their culture. As outcome RED wants to influence the public opinion in the AoI on BLUE's side in favor of RED and to gain a majority in this region. Having achieved this, RED will start to provoke separation trends in the AoI. RED can use this to threat BLUE with an official referendum about annexing the AoI, when RED can be sure that it will win the referendum. RED can force this referendum or use it as dead pledge to achieve the denial of GREEN

military using the Aol anymore. This is a mid-cost and mid-term project that requires cooperation of trade, media, and state.

Counter: BLUE can refuse the survey as it is an initiative of a foreign country on their territory. It can offer a cooperation to make this survey happen and support a transparent survey process. It could also counter with an own survey campaign to disprove RED's results.

Impact on GREEN/BLUE: no impact

Best case outcome: RED will not be hampered and the survey shows a high ratio of RED's population among the people in the Aol.

Modifications: see poll campaign

Topic: Drive Wedge into GREEN

Prerequisites: None

RED invests a remarkable amount of effort on driving a wedge into GREEN by supporting opposing groups, radical parties and separation movements in political and economic weaker members of GREEN to start tensions or even unrests. Therefore these countries have to focus more on their internal problems. Also effort, money and means of GREEN's countries will be concentrated on solving the internal problems. This reduces the willingness of GREEN's countries to support any other initiative which is not related to the internal problems. It shifts the focus of GREEN away from RED's actions in the Aol. RED will additionally put pressure on smaller and weaker countries of GREEN which are economically dependent on RED and forces them to not act against RED in a voting of GREEN's council. But RED will also offer help in a financial or economic crises situation, with the aim to enforce separation processes within GREEN.

This is a high-cost and long-term project that requires the coordination of trade, media, foreign affairs, and interior.

Counter: BLUE cannot counter this as every member of GREEN has to solve these problems by itself. But BLUE could try to convince GREEN of the idea of a coordinated attack on their territories and initialize further investigations.

Impact on GREEN/BLUE: Reduces GREEN's willingness to react especially if RED can convince weaker members of GREEN to cooperate.

Best case outcome: RED will convince one or more GREEN members either by political pressure from inside or by trade dependencies to paralyze GREEN's ability to act against RED.

Modifications: N/A

Topic: International Councils and Boards

Prerequisites: None

Depending on the membership of RED and BLUE in international councils, RED uses these boards to influence the international political opinion against BLUE. It will use all possibilities to show that BLUE does not act according to the rules of the councils, international law, human rights and the laws for minority protection. Additionally, RED will influence weaker countries, which are dependent on them, to support RED's policy and also blame BLUE for breaches of regulations. Thus, RED will not be the initiator of all of these campaigns. This is a low-cost and long-term project that requires the cooperation of foreign affairs and media.

Counter: BLUE has to face this accusation in an aggressive way to contain at least disunity among the council members.

Impact on GREEN/BLUE: Loss of BLUE's influence in the councils. No impact on GREEN.

Best case outcome: Isolation of BLUE in international councils and boards, RED gains its influence on BLUE significantly and brings itself in a better position for future negotiations.

Modifications: N/A

Topic: Push to Referendum

Prerequisites: Genetic Survey, Convinced Councils

RED concentrates its efforts to achieve a situation that the citizens of BLUE in the AoI are in favor of RED or RED generated the common opinion in the world that this the case (for example with faked surveys or reporting). BLUE must be threatened with the situation that losing a referendum about the autonomy of the AoI or the incorporation of the AoI into RED is highly likely. This situation can be used by RED as trade-in for a BLUE and GREEN DMZ in the whole AoI, otherwise RED would initiate the referendum.

This campaign needs a high amount of time and money.

Counter: BLUE must focus its effort on keeping the population in the AoI in their side and be prepared to counter the faked surveys of RED with their own survey results showing the opposite. They must convince the population in the AoI the BLUE is the better partner and the better country to live in.

Impact on GREEN/BLUE: BLUE and GREEN can be denied to use the AoI with its military. This leads to a significant strategic disadvantage for GREEN and BLUE. BLUE can also accept the risk and open the way to a referendum, which leads to a complete losing of the control over the AoI or the maintaining of the status quo ante.

Best case outcome: The pressure on BLUE is so high that it accepts the demilitarization of the AoI. In this case RED has achieved its minimal goal. In case of a won referendum, RED gains control over the AoI and so achieves its maximum goal.

Modifications: N/A

Topic: Uprising of Religious Minorities

Prerequisites: None

RED starts covered provocations of (radical) religious minorities in BLUE's mainland. By attacking the religious feelings and sensitive spots with faked means and messages, an environment of hostility and tensions among the religious minorities is caused. If RED is able the direct uprising protests against their own minority in BLUE, they can blame BLUE for bad government and poor security.

This is a mid-cost and mid-term project that requires cooperation of representatives of state and media.

Counter: Transparent investigation and hard judgement of the initiators of the tensions in accordance with state law.

Impact on GREEN/BLUE: BLUE will concentrate forces, effort and monetary resources to solve these internal issues, which implies a distraction from the AoI.

Best case outcome: Decrease of BLUE's reputation and abilities in the AoI.

Modifications: Radical national elements in BLUE are another mean which can be used by RED to cause violent actions against RED's minority or other minorities in BLUE. RED offers help to control the situation in BLUE. In case of a rejection RED can blame BLUE for supporting these radical elements in their country and not protecting minorities. In case of acceptance of the help, RED appears again as reliable partner and can use this measure as door opener for further cooperation. Additionally, it gains insights into BLUE's security force structure and acceptance in BLUE's population.

Topic: Attack by a Radical Religious Movement

Prerequisites: Uprising of Religious Minorities

RED arouses fanaticism of radical religious minorities further and heat the situation by a media campaign against BLUE discriminating the specific religious groups and disobeying their rights. This is forced until the point when the religious group conducts a terror attack in BLUE. At this point RED starts with another media campaign blaming BLUE for a failed integration politics of different religious minorities and points out that this cannot happen in RED, because RED has integrated all minorities well.

Also, RED claims that BLUE is not able to secure their own population from terror attacks and does not take care of them.

This campaign needs a small amount of time and medium amount money that requires cooperation of representatives of interior and media.

Counter: Public integration campaign and tremendous intelligence engagement.

Impact on GREEN/BLUE: BLUE must focus on solving the internal problems. BLUE is discredited in the world's community and loses credibility and influence

Best case outcome: The public pressure in the Aol is convinced that under RED's control this incident would not have happened, criticism at BLUE inner politics arise in the Aol. The public opinion changes in the Aol in favor of RED. BLUE's reputation in the world decreases.

Modifications: N/A

Topic: Arrest Citizens of GREEN

Prerequisites: None

RED arrests citizens of GREEN and accuses them of espionage, terrorism, cyber-attacks and cause political unrests. RED can so be presented in the world community as attacked country which is only defending against continuous attacks of GREEN and BLUE. Global reporting of these incidents supports disagreement among GREEN members. The release of these prisoners is used by RED in a global media campaign to influence the public opinion of the world in favor of RED.

This is a low-cost and long-term project that requires cooperation of representatives of interior, state and media.

Counter: Vehement denial of an engagement on RED's territory, background media campaign about the families / jobs of imprisoned persons.

Impact on GREEN/BLUE: Possible threat of a wedge into GREEN if RED's accusation cannot be disproven. Additionally, these restrictions lead to interior discussions in the countries and so a focus shift away from the Aol.

Best case outcome: RED drives a wedge into GREEN.

Modifications: A weaker action of RED is the denial of border crossing for politicians of specific countries of GREEN and BLUE politicians. Weaker countries of GREEN will be excluded from these restrictions to support rumors and disagreement among GREEN's countries.

Topic: Environmental Incident

Prerequisites: None

RED initializes an environmental incident on BLUE's territory in the Aol which cannot be tracked back to RED. This produces high costs for BLUE to reduce the effects of the catastrophe and overstrains its abilities and forces. RED uses this to start a discussion about environmental protection in BLUE and questions BLUE's standards. RED also offers BLUE help to cope with the situation and to provide support to prevent a future incident. RED uses the inner-political discussion among BLUE's population to increase the support of its own ideas. Accepted help will be deeply appreciated by BLUE's population, rejected help can be used by RED to blame BLUE internationally. If it is possible to blame BLUE's military forces to be responsible for the incident (gasoline truck of BLUE driven by RED SOF spills oil in natural reservation, BLUE military vessel rams fishing boat), RED uses this to underline its request for a DMZ in the Aol.

This is a mid-cost and short-term project that requires cooperation of interior, defense, environment and media.

Counter: N/A

Impact on GREEN/BLUE: An environmental incident can have a major impact on the society (FUKUSHIMA) and binds a huge amount of resources. If the military is accused for the cause of the disaster, a discussion among GREEN can occur whether these forces in the Aol are necessary or not.

Best case outcome: The event supports the raise of environmental movements and parties which finally changes the bilateral political climate in favor of RED. Protests among the population will also increase GREEN willingness to change their force engagement in the Aol.

Modifications: N/A

Topic: Incident at Sea

Prerequisites: None

Red provokes an accident between a vessel of RED and a military ship of BLUE. The incident is provoked in the Aol, specifically in a main trade route where also a high concentration of BLUE's forces (for example due to an exercise or in a main communication way of the BLUE's NAVY) is present. RED uses this incident to claim that in the crowded trade route no additional space is available for BLUE's forces moving around. RED pledges for a BLUE and GREEN demilitarization of the whole Aol to prevent such an incident for future times. Goal is to achieve freedom of movement of RED's forces and hindering strategic movements of BLUE and GREEN in the Aol. RED starts a media campaign to change the public opinion in the Aol on BLUE's side in favor of demilitarization to increase public pressure on the government of BLUE.

This campaign needs a medium amount of time and money that requires cooperation of representatives of defense, trade, state and media.

Counter: BLUE has not a lot of options here, since also a higher alert level cannot be maintained for a sufficient amount of time. A transparent investigation under invitation of RED experts could decrease RED's possibilities for an effective media campaign.

Impact on GREEN/BLUE: When the DMZ is accepted GREEN will have a strategic disadvantage of not being able to react immediately on critical situations in the Aol.

Best case outcome: The public pressure on BLUE becomes so high that it accepts the proposal of a DMZ in the Aol.

Modifications: Works also land routes of communication and large troop concentrations on the ground in the Aol.

Topic: Arms Control Treaty

Prerequisites: None

RED proposes an arms control treaty for the Aol. If accepted, RED gains insight in the force level in the Aol and is able to accuse GREEN when violating these levels. By showing its force level, RED creates a confidence-building measure to convince BLUE of not being interested in attacking. Also it can support the dispute among GREEN members (honorable offer versus artifice of war).

This is a low-cost and long-term project that requires cooperation of interior, defense, state and media.

Counter: BLUE can use RED's show of force level, if obvious, to legitimize the presence of armed citizens and officials in BLUE via petitions of the people living close by. BLUE wants them to maintain an appropriate readiness level and to keep a safe environment for the population that feels threatened by RED's force level.

Impact on GREEN/BLUE: BLUE is forced to maintain their readiness and better chance of situational awareness without being accused to be an aggressor or even directly offending RED.

Best case outcome: Due to combination of this approach with other actions like incidents with GREEN casualties BLUE might have to establish a treaty that allows RED to gain insight in the current situation and also allow them to have a up to date situational awareness of arms in the Aol by controls and

reports for that treaty. Any minor violation allows RED to accuse BLUE to be an aggressor and to enforce the view of RED as a peaceful partner.

Modifications: Downsizing the arms control to a zone around all borders instead of the whole Aol is an option for negotiations that still reveals insights and causes a significant increase in reaction time for possible BLUE counter measures.

Topic: Pro RED Media Campaign

Prerequisites: None

Red starts a large media campaign offering proposals to GREEN, which appears to the population of GREEN countries as good offers. Resentments of BLUE to fight the against international terror will be blamed to be only related to the Anti-Red-Policy of BLUE and not oriented on the goal to make the world a better and safer place for democratic countries.

This campaign needs a medium amount of time and money that requires cooperation of representatives of media and interior.

Counter: BLUE's answer in this time must be a coordinated media campaign to inform all its citizens about the background of the offers of RED and the presentation of evidence that RED is not interested on fighting terrorism but on driving in wedge in the western countries.

Impact on GREEN/BLUE: BLUE is forced to define a position towards RED's policy and to release statements in a sovereign, but diplomatic way, which is not easy to control on all levels.

Best case outcome: Any official reaction can be exploited by RED via accidently misinterpretation or just overstressing of parts or formulations of officials so that BLUE gets into a circle of excusing and justifying themselves, which is the unfavorable passive part of that interaction.

Modifications: time variations in usage of means might be advisable due to tension level in GREEN's countries. The usage of social media, official governmental announcements of RED, TV-discussions, internet forums and blogs, and press statements can be used by RED, but also faking to be a citizen of GREEN or buying citizens of GREEN and execute their trained participation in these domains might be worth considering.

Topic: Mobilize Former Citizens

Prerequisites: None

RED will start to influence its former citizens, living now in other countries but still having ties to their native country. Especially stronger nations in GREEN, which have a large RED community (immigrated as a result of the breakdown of the former RED alliance), will be target of this campaign. Because RED's population in these countries is not very well integrated in the society and these people tend to stay in their own communities, tensions in these regions of GREENS's bigger countries arise. These tensions lead to the effect that these countries have to focus on their inner state problems, a result of several years of mislead integration policy. As the solution of these problems requires a resource intensive long term engagement, these countries will decrease their attendance on external actions like RED's activities in the Aol.

This campaign needs a small amount of time and money that requires cooperation of representatives of media, state and interior.

Counter: GREEN has to initiate successful integration programs for foreign minorities to deny an easy influence by RED's action. All other measures, which do not affect the root of the problem, will always lead to strong distraction of GREEN countries away from external problems.

Impact on GREEN/BLUE: A common raise of tension with RED's minorities in GREEN's member countries provides strong evidence of a propaganda step by RED. This raises GREEN's willingness to a common act against RED.

Best case outcome: RED can successfully mobilize former citizen within GREEN's member countries and cause significant force and resource concentration and these problems. Covert by a media campaign focusing on these problems, GREEN's reputation can be decreased.

Modifications: Shift of this actions into a region out of GREEN's AoI and suggestion of a heavy engagement in this region to cover the main strategy.

Topic: Poll Campaign

Prerequisites: None

RED uses its global media capabilities to spread faked poll results to propagate the impression that a referendum about independence of a region in the AoI would be successful. This misinformation campaign is closely connected to interviews with parts of the population in the region and coverages about the history of this region as originally independent or closely connected to RED. This initiative can produce international pressure to BLUE to accept a referendum, proof that the reports are not true or explain otherwise why the referendum should not happen. The threat of a possible successful referendum of independence can force BLUE to accept a different status of the AoI (demilitarized, autonomy) to avoid the referendum.

This campaign needs a medium amount of time and money that requires cooperation of representatives of media, state and interior.

Counter: Blue can react by starting an own media campaign to counter the disinformation. It has to spend a remarkable effort to uncover RED's campaign and transport the correct information to the world. Blue has to discuss this issue with all GREEN members and maybe invite them to investigate by its own in order to avoid disagreement among the members.

Impact on GREEN/BLUE: No remarkable increase in GREEN's will to intervene but possible raise of political tensions.

Best case outcome: Blue accepts a political/military/economical change of the status of the AoI (or parts of it) to avoid a referendum.

Modifications: Works also for favored politicians, political parties, voting on military status, economic negotiations or environmental policy)

Topic: Disinformation Campaign

Prerequisites: None

RED uses its global media capabilities to spread faked fact about BLUE's engagement and future intentions in the AoI. This campaign also counters BLUE's / GREEN's information campaign on RED's hybrid warfare engagement in the AoI. Accusing BLUE to be responsible for past events can gain confidence in RED's good intention among RED Allies and in other countries. It can also raise the level of disagreement among GREEN members which finally disturbs their ability to come up with common decisions.

Counter: BLUE has to counter this campaign by own media reports and providing entrance to the AoI for the international press. It should support investigations on cases that came into international focus and confront RED with its effort to misinform the world. It should make this issue to a part of the public discussion among BLUE's population to avoid the impression of bad government.

This campaign needs a medium amount of time and money that requires cooperation of representatives of media, state and interior.

Impact on GREEN/BLUE: Forces GREEN to find a common statement or to show solidarity with BLUE. This process could uncover weak members as it shows who maybe does not agree to BLUE's version of the truth.

Best case outcome: BLUE cannot convince the publicity that RED'S information is wrong. This reduces the trust of BLUE's population in their government and of GREEN members in BLUE's reliability. This

campaign is suitable to cover other means of the hybrid warfare CoA and can reduce/freeze Greens willingness to escalate.

Modifications: This campaign can be extended to BLUE's partners or it can concentrate on radical groups operating in BLUE's mainland with the intention to blame BLUE for not being able to provide security. Such a group could be founded and supported by RED to provide evidence of their existence.

Topic: Historical Partnership

Prerequisites: None

A unilateral pronouncement of a partnership based in historical experiences forces BLUE to renew or reject this offer. By rejecting this BLUE risks an intern discussion and maybe strong reactions of contemporary witnesses and historical (distinguished) researchers. Depending on the historical events, an acceptance could force BLUE to accept a remembrance engagement by RED which gives RED the opportunity to strengthen its footprint in the Aol.

This campaign needs a small amount of time and money that requires cooperation of representatives of media, state and interior.

Counter: BLUE con face RED's attempt to strengthen its footprint by active supporting and developing the remembrance engagement in a way that says: "You are welcome, we still prepared everything and made it nice. So just visit us, celebrate with us this important part of common history and then go home!"

Impact on GREEN/BLUE: GREEN will not fight historical facts and a denial by BLUE could support the "drive a wedge into GREEN" action.

Best case outcome: BLUE refuses to cooperate, causes internal frictions and a decrease of the trust into the government. In addition differences among GREEN partners show up about the correct handling of historic relationships.

Modifications: N/A

Topic: Cyber Attack on Critical Infrastructure

Prerequisite: None

RED starts a cyber-attack on BLUE's critical infrastructure (e.g. energy grid, communications, traffic) which leads to major impacts (like black-out for whole regions of BLUE, disconnect the networks of different regions of BLUE). The attacks are conducted from criminals from all over the world which cannot be tracked back to RED; additionally, RED will also be target of these attacks to underline that is not the originator of the campaign. (This is the case for ALL cyber-attacks). RED tests the anti-cyber war capabilities of BLUE to gain information for further attacks. Because RED knows when and where it will be attacked it can defend very efficiently. Thus, it can show the world the abilities of their anti-cyber war department and can offer BLUE to help them coping with their attacks. Acceptance of this opens RED the opportunity to espionage BLUE's cyber defense system, Rejecting the offer opens RED to blame BLUE for not fighting against international cyber-crime and taking care of their population.

This campaign needs a large amount of money and a medium amount of time that requires cooperation of representatives of media, defense and interior.

Counter: resilience testing and improvement on high priority critical infrastructures, cyber warfare counter-specialist training

Impact on GREEN/BLUE: BLUE loses control over critical infrastructure and may only be able to get the control back with external help. It can be blamed for not being able to provide a safe and secure environment in the digital domain, which lowers its reputation in the world and under its population.

Best case outcome: RED causes a major incident in critical infrastructure of BLUE and gets insights into its cyber defense systems which allow them to infiltrate their complete network structure and take over parts of it.

Modifications: N/A

Topic: Build Independent Broadcasting Net

Prerequisite: None

RED sets up an independent and resilient access and SOF operated broadcast stations to be able to spread propaganda within the Aol.

This campaign needs a large amount of money and a medium amount of time that requires cooperation of representatives of media, trade, state and interior.

Counter: BLUE has to guarantee the unlimited access to information for the population in the Aol and should answer with an information campaign for the population about the situation and a net independent information flow (newspapers) if a cyber-attack occurs parallel. In addition, this problem should be communicated to the international press in connection with invitations to investigate this situation.

Impact on GREEN/BLUE: As long as RED can cover its role in this situation an increase of tensions between RED and GREEN will not occur.

Best case outcome: Successful disinformation campaign on the population in the Aol and therefore an increase in the support of RED's "message".

Modifications: N/A

Topic: Cyber Attack on Governmental Institutions

Prerequisite: Cyber Attack on critical infrastructure, Independent Broadcasting network into the Aol

RED starts a cyber-attack on BLUE's governmental institutions which hampers their ability to communicate, increases their reaction time and slows down the whole intergovernmental traffic. This leads to a partial loss of situational awareness, especially when the connection between some regions of BLUE is completely lost. RED tests the anti-cyber war capabilities of BLUE to gain information for further attacks. RED offers BLUE to help them coping with the attacks. Acceptance opens RED the opportunity to espionage BLUE's cyber defense system, rejecting allows to blame BLUE for not fighting against international cyber-crime and taking care of their population's need for information. Having the independent communication network into the Aol up and running enables RED to offer BLUE's citizens in the Aol the usage of their net. This opens also the possibility for RED to implement a botnet in the Aol. This controls the net even when the connection to the main net of BLUE is reconnected and provides permanent insights in the communications of BLUE and can infiltrate their whole net.

This campaign needs a large amount of money and a medium amount of time that requires cooperation of representatives of media, defense, state and interior.

Counter: ability to govern net-independent, communication backup systems (military), counter cyber-attack, immediate request for support by GREEN's cyber capabilities

Impact on GREEN/BLUE: Focus shift on the attack, mobilizing of resources, if RED uncovered extreme rising of tension, high risk of intervention if defined as an attack of foreign forces on a member's territory. Massive counter-attack is possible.

Best case outcome: RED disconnects the governmental net in the Aol from the rest of BLUE, is able to link their net as replacement of the Aol. Thus, RED is directly connected to the net in the Aol and with implementation of the botnet it can achieve a permanent information flow for their intelligence. BLUE loses its situational awareness over parts of its country and the internal governmental communications. It also loses trust in its capabilities among international partners and its population. It can be blamed for not being able to provide a safe and secure environment in the digital domain.

Modifications: N/A

Topic: Broadcast RED's Message

Prerequisites: None

RED accompanies all its steps and actions of the hybrid campaign with a media campaign which always propagates RED's point of view and shows so the ubiquity of the 2-sided story. It uses the classical broadcasting means (radio, television), but also social media and the internet. It supports the point of view by bloggers controlled by RED's government and own broadcast stations. Additionally radical parties in the world are used to proclaim the message of RED. This should lead to distraction of the people whether the own media give the right information or they may also not be fully trustworthy (the truth is somewhere in between...).

This campaign needs a medium amount of money and a large amount of time that requires cooperation of representatives of media, state and interior.

Counter: Immediate reaction on RED's information offensive, proving the "message" wrong, transparent policy, intense diplomatic efforts to avoid the loss of trust among international partners.

Impact on GREEN/BLUE: Trust in GREEN's and BLUE's governments decreases, distraction in the population whether RED may not be right.

Best case outcome: RED achieves large discussion in GREEN's and BLUE's countries and generates a certain level of sympathy and understanding for RED's actions.

Modifications: N/A

Conclusion and main outcome of the hybrid attack

After conducting the time phased hybrid attack over a time span of at least one year with preliminary measures of another half year in advance, RED was at the end able to achieve a new treaty which makes the whole AoI to a demilitarized zone. As such RED was able to achieve its minimum goal of denying BLUE and GREEN the further military usage of the AoI. With this RED gains a huge strategic advantage over GREEN for further conflicts because it achieves freedom of movement for its fleet and hampers the capabilities of GREEN of early warning and countering troop movements of RED. It is remarkable that not a single shot was fired (by an official soldier of RED) to reach the goal. The key to success were multiple threats which BLUE and GREEN had to face and offer of RED to ease these threats as trade-in for negotiations aiming at the demilitarization of the AoI. The main measures used by RED were: media campaigns discrediting BLUE and generating a loss of trust in BLUE's government in the population in the AoI. Start an economic struggle with BLUE, but also initiatives to a further opening of RED into the AoI to build trust among the population in RED's measures. Initiate an uprising of internal turmoil in BLUE to denunciate them internationally, but also in other members of GREEN to shift the focus away from the AoI and so blockade the high council of GREEN to make the alliance inefficient. Additional cyber-attacks and other incidents showed BLUE's incapability to counter these threats, take care for their population and environment and damaged its international reputation. RED's initiative to strengthen ties with its allies and gain new partners led at the end to a situation that some member states of GREEN focused on their internal problems and were not willing to accept further external struggles with RED and so rejected the support for BLUE in the AoI. Concurrent BLUE had to cope with several threats and problems and had to accept the loss of credibility of its population in the AoI that it only had the chance to accept RED's offer for a demilitarization of the AoI in order to mitigate the situation and not lose control over the AoI as a whole.

The wargame showed that hybrid attacks as intergovernmental approaches are a potent mean of a country to attack another country without the need of firing a single bullet. But thoroughly preparation of the "battlefield", a distinct time-phased plan and usage of all possible means to attack are the key to success. Additionally, the creation of a trade-in measure as the lesser of two evils for the defender which is in line with the attackers goals raises the chance of success drastically.