

US/NATO ISR Addendum: Deep Dive Into The Delta Leaks

A detailed overview of how NATO's integrated C4ISR really works in Ukraine.



Simplicius The Thinker 
Mar 4

 137

 81



In two previous articles I've mentioned not only the overwhelming C4ISR that the West commands in Ukraine, but also specifically the series of leaks which corroborated this, and gave us the insight into how their systems actually operate, and to what granularity they are transmitting the essential data to on-the-ground Ukrainian forces.

So let's take a small deep-dive into exactly what type of information they're providing just so that you can get a general picture of:

1. Why Ukraine has been so 'successful' at times, for instance in certain abilities to ambush Russian forces, or effect 'withdrawals' like the 'grand Kharkov counter-offensive' of last September.
2. Why Russia is forced to fight in a very 'smoke-like' fashion, never committing too-large of a force anywhere.
3. How the remnants of the Ukrainian airforce are able to survive this long by evading Russian counter-strikes, and vice versa—how the Russian airforce must remain quite limited in its operations.

Delta Program

So what is the Delta program? In [the previous articles](#) I've outlined several of the main Ukrainian networking systems in use, from the [GIS Art](#), [Nettle](#), and [Delta](#), some of which are homegrown, the others developed mutually in tandem with NATO.

So, as a brief general primer—what do these programs do exactly? In short, they allow the full network integration of the battlefield, providing digital maps of Ukraine with all active Ukrainian units, Russian units, etc., in real time. They are

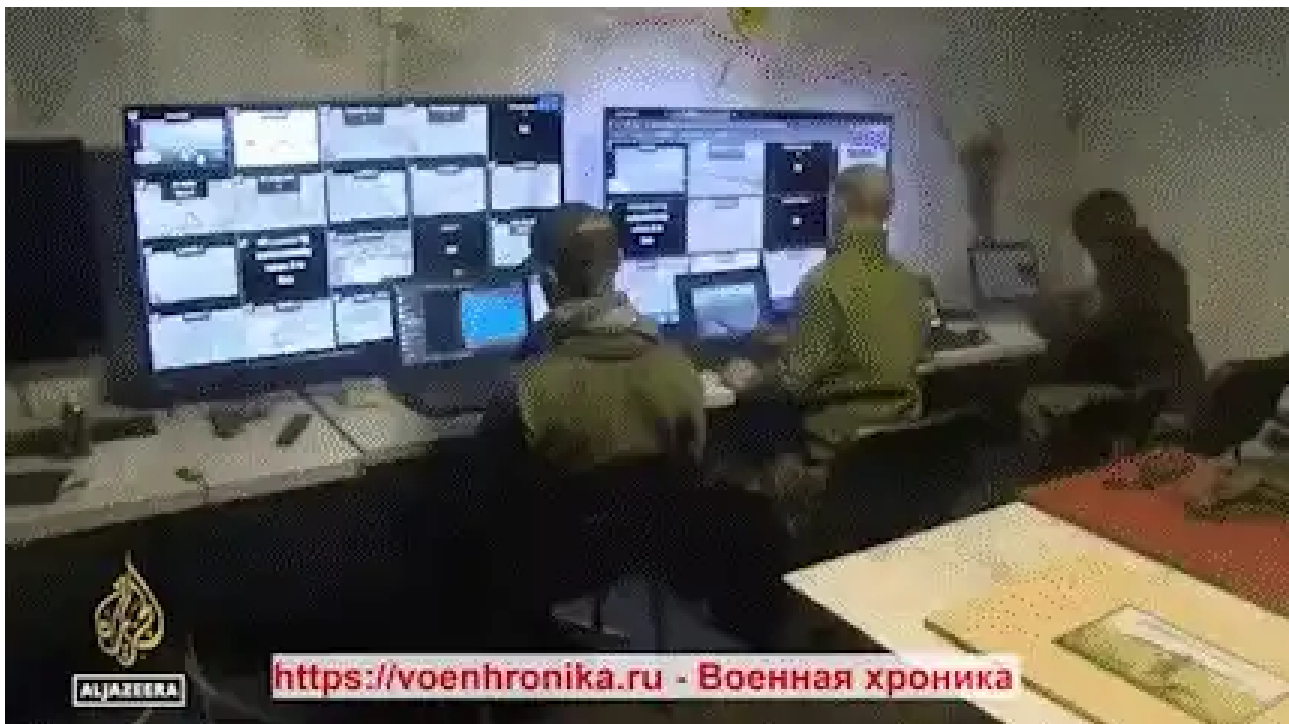
then able to digitally and instantly distribute targeting coordination data to the best positioned units (artillery, etc) to attack a given target.

Further, with the addition of Starlink, it allows command centers to distribute live, real-time drone camera feeds to any other positions in a way that even most Russian units do not have.

In practice this means the following:

Let's take the Bakhmut theater as an example. A frontline Ukrainian drone unit in the southeast of Bakhmut can put up his drone and get a clear view of Wagner positions further to the east. His Starlink then sends that video feed in real time to a command center which distributes it to an artillery system that may be 20km away in the west, near Kramatorsk; i.e. in the 'rear lines' of Bakhmut.

Here's [one video, as an example](#), that shows exactly such a HQ distribution center in Bakhmut itself:



You can see dozens of screens here linking the live-views from drones in various sectors around Bakhmut. Here they can redistribute these feeds as needed to sector artillery guns and other units via Starlink.

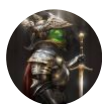
So, for the laymen, what advantage does this have? Very simple: typically, a standard unit will put up a drone in the sky, then give rough grid coordinates to the artillery unit by way of radio. As the artillery shoots off some rounds (perhaps in ‘bracketing fashion’), the drone operator will simply give corrections over the radio, in a crude fashion like, “A few clicks to the left, five degrees to the north,” etc. This method is all right, but far less effective compared to the integrated version.

With Starlink instead, the artillery unit based all the way in Kramatorsk many kilometers away will have an exact, *live video feed* of their own strikes in the Bakhmut theater. They will fire off, and literally see their strikes via the drone footage and be able to correct them instantly, on the fly, with their own visual perception, without having to listen to the vague and possibly inaccurate radio instructions of someone telling you “a little more to the right”.

Now, Russia does have systems of their own as I’ve also outlined in the previous, more comprehensive article. However, they are not in full, total adoption and widespread use yet, and some lower, non-elite units still use the most basic, slower forms of artillery correction.

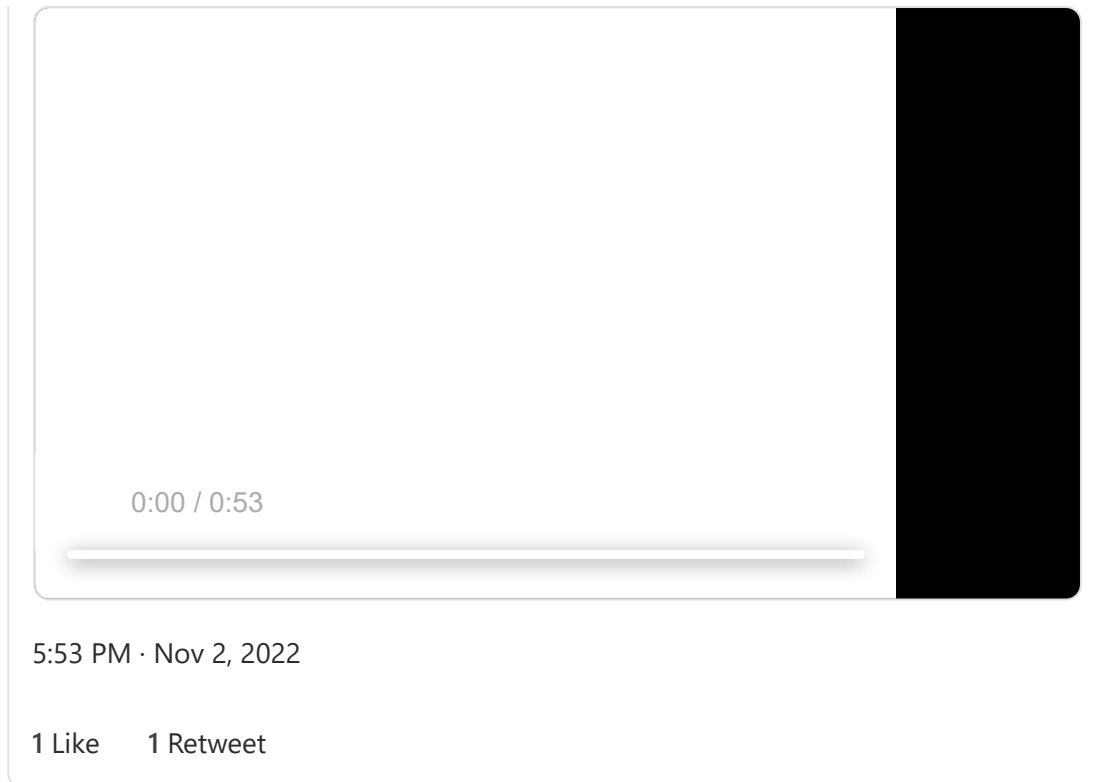
For those interested, [here’s one example](#) of a Russian system called the ESU TK. Once again, if interested you can read more about the other Russian systems of this sort already being used in the [ISR article](#), like the ASUNO, Planshet, Strelets-M, and Andromeda-D systems. However, none of the systems offer real-time live video feeds of this sort, but rather network-integrated targeting coordinates on a digital map.

So with that explanation out of the way, what is the Delta program?

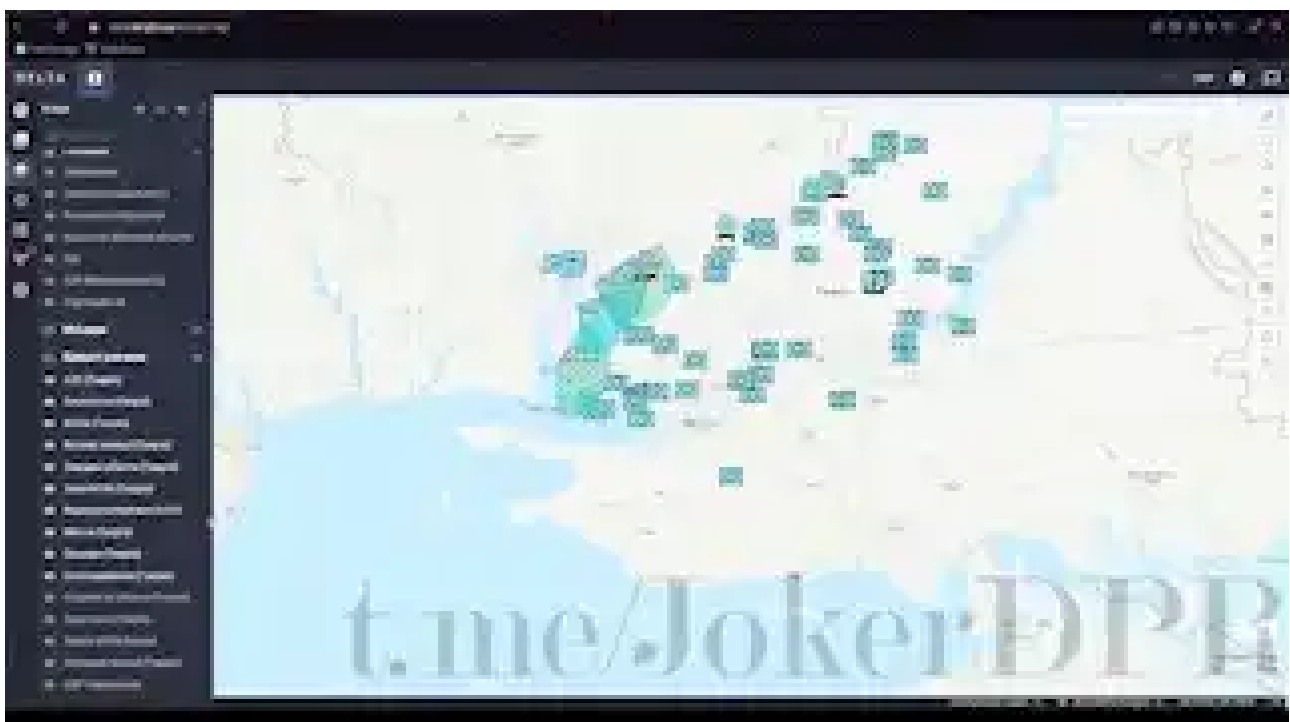


Guardian/ Truthseeker77
@TruthTo1777148

⚡ ruRussian hacker Joker hacked the US Delta command and control program used by the Armed Forces of Ukraine. 😏👊



It's a battlefield management system which works in the following way: U.S./NATO analysts comb through endless troves of satellite-data and send the exact coordinates of all Russian units, unit movements, *potential* movements/directions, etc. This is all inputted into the digital system which is then distributed to all Ukrainian [C3](#) HQ's, which can decide how to address those targets/threats.



An example of the Delta system hacked by DPR Joker group, showing Russian unit positions all over the Kherson region.

But the purpose of this was to actually show to a fine level of detail how this process works in a way which was too discursive in the last long article.

[Here are the actual leaked docs](#) you can access for yourself. Let's highlight a few pages just to demonstrate the nitty-gritty of what goes on behind the curtain.

These documents are transmissions from US intel to Ukrainian C3 networks of all the various Russian positions and units which they are detecting 24/7 via the US/NATO/Five-Eyes satellite networks. Here are a few examples:

20220527 0515Z RUS-UKR Rollup

1. Russia-Ukraine: Possible Elements of 38th Airborne Signals Brigade in Rossosh, Near Ukraine Border Elements of a Russian C2 brigade -- possibly the 38th Guards Airborne Signals Brigade (GASB) of the Airborne Troops (VDV) -- were deployed to Rossosh, East of Valuyki in Russia and 45km northeast of the Ukraine border. Up to 100 vehicles, most of which were C2 vehicles, arrived at the site near 50.21.39.570556 since 3 May; additionally, approximately 17 tents were set up nearby. Some of the vehicles were possibly R-4390D C2 vehicles. The possible presence of the R-4390D suggests that the unit may be the 38th GASB. The deployment site is close to command posts for the Central Military District OSK and General Staff.

2. Russia: Additional TsOMR Equipment Arrives at Krasnaya Rechka Railroad Yard for Transit to Ukraine Additional military equipment from the Center for Mobilization Deployment Support (TsOMR) (formerly known as 243rd AESRB) arrived at the Krasnaya Rechka Railroad Yard since 24 May and was entrained for departure, while other TsOMR elements that arrived earlier remained. Elements of a BMP-equipped motor rifle company and a tank company, probably from Khabarovsk Army Barracks AL4 where at least 13 BMP and six T-80 tanks departed since 23 May, arrived by 25 May and were entrained on a train set that arrived on 26 May. Major elements of the battalion tactical group that arrived by mid-May remained parked in the holding area of the railroad yard (near 48.343333 135.080278).

3. SA-27-Equipped Air Defense Missile Battery Remains Deployed Southwest of Melitopol, 25 May. A battery from the 67th Air Defense Missile Brigade remains deployed in a field 14 km southwest of Melitopol as of 25 May 2022. Three probable SA-27 TELARs each loaded with two-to-four missile canisters (46.763611 35.241667) and at least one support vehicle remain deployed in a field. The 67th ADBM is subordinate to the Southern Military District's 58th Combined Arms Army.

4. Russia-Ukraine: Minor probable Russian support columns were reported on the T-13 route, approximately 20 km west of the Ukrainian city of Rubizhne, on 26 May 22. 26 May 22, minor probable Russian support columns transiting on the T-13 route near Zhytylivka Cemetery. The following elements and activity were reported:
- One column was reported between 49.099444 38.189722 and 49.103611 38.186389, comprising seven probable support vehicles, all transiting south towards Rubizhne on the T-13 route.
- One column was reported between 49.117778 38.176944 and 49.118611 38.176111, approximately 2.5 km north from Zhytylivka Cemetery. The column comprised three probable support vehicles, all transiting north on the T-13 route.
- One column was reported between 49.025278 38.111667 and 49.025278 38.108056, near the Ukrainian town of Dibrova, approximately 9.6 km south-west from Zhytylivka Cemetery. The column comprised two probable support vehicles, both transiting east towards Kremennaya.
- Two probable support trucks were reported on the T-13 route at 49.143056 38.153056, with one vehicle

Western Medium Bomber Airfield
vka Airfield since 21 July. Nine Tu-22
34.3725 and one near 54.229722 34
ft departed and likely returned. In ac
es (ASM), and two Backfire C were lo
ckfire C armed with two Kitchen ASN

As you can see, these are highly specific dispatches sent with exact geo-coordinates of every conceivable Russian military movement, from the seemingly-trivial supply repositions, to major Russian strategic systems' (bombers, etc.) movements, to the movements of all Russian naval assets, and everything in between.

Another example: the exact positions of every single highly-advanced and secretive Russian Zhitel and Zoopark [EW](#) (and counterbattery) systems:

aterial-Technical Support Service (MTO) ship
renovo westward to supply Russian forces c

ket launchers that were previously near the
ned along with four previously entrained Bf

SECRET//REL TO UKR

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3. Russia: Heavy-Lift Transport/Aerial Refueler Aircraft Arrives at Northwestern Staging and Medium Bomber Base

One Il-76/78 Candid/Midas heavy-lift transport/aerial refueler aircraft arrived at Olenegorsk Airfield since 21 July.

The significant air order of battle included:

29 x Tu-22M3 Backfire C medium bomber aircraft

1 x Il-76/78 Candid/Midas heavy-lift transport/aerial refueler aircraft.

4. Russia:

Heavy Bomber Aircraft Repositioning and Probable Missile Handling Occurs at Western Heavy Bomber Airfield

One Tu-160 Blackjack heavy bomber aircraft repositioned at Engels Airfield. Additionally, six probable RS-AS-23 Kodiak air-launched cruise missiles (ALCMs) arrived nearby. One Il-76/78 Candid/Midas heavy-lift transport/aerial refueler aircraft arrived.

Heavy bomber aircraft remained Five Blackjack and eight Tu-95MS Bear H heavy bomber aircraft were reported.

The significant air order of battle included:

11 x Tu-160 Blackjack heavy bomber aircraft.

19 x Tu-95MS Bear H heavy bomber aircraft near 51.486111 46.216389

1 x Il-76/78 Candid/Midas heavy-lift transport/aerial refueler aircraft

5. A Russian probable SA-11 battery remained near the Ukrainian village of Volchii Yar, approximately 25 km north of Lyman, on 22 Jul 22

22 Jul 22 a Russian probable SA-11 battery remained approximately 14 km north from Koroviy SAM Deployment Site, near the Ukrainian village of Volchii Yar. One probable SA-11 TELAR was at 49.1975 37.7025, with a probable SA-11 transloader TEL at 49.198889 37.696944.

It is almost certain that this probable SA-11 battery was providing protection for ground lines of communication back to Russia

EW Jammers

A Russian Zhitel jammer was located near 47.5975 36.7525 as of 22 Jul 2022 at 1631Z.

Counter Artillery Radar

1 Russian NEBO-SVU radar was located near 48.4944 39.3492 as of 22 Jul 2022 at 1751Z.

1 Russian ZOOPARK-1M radar was located near 49.1342 37.2619 as of 22 Jul 2022 at 1733Z.

1 Russian ZOOPARK-1M radar was located near 49.5714 36.9356 as of 22 Jul 2022 at 1744Z.

A Russian ZOOPARK-1M radar was located near 50.3403 36.4178 as of 22 Jul 2022 at 1708Z.

Same thing for Russian Satellite Navigation and GPS Jammers:

A Russian R-934BMV SATNAV jammer was located near 47.414444 36.086389 / 47.414629 36.086424, as of 21 JUL 2022 at 0947Z.

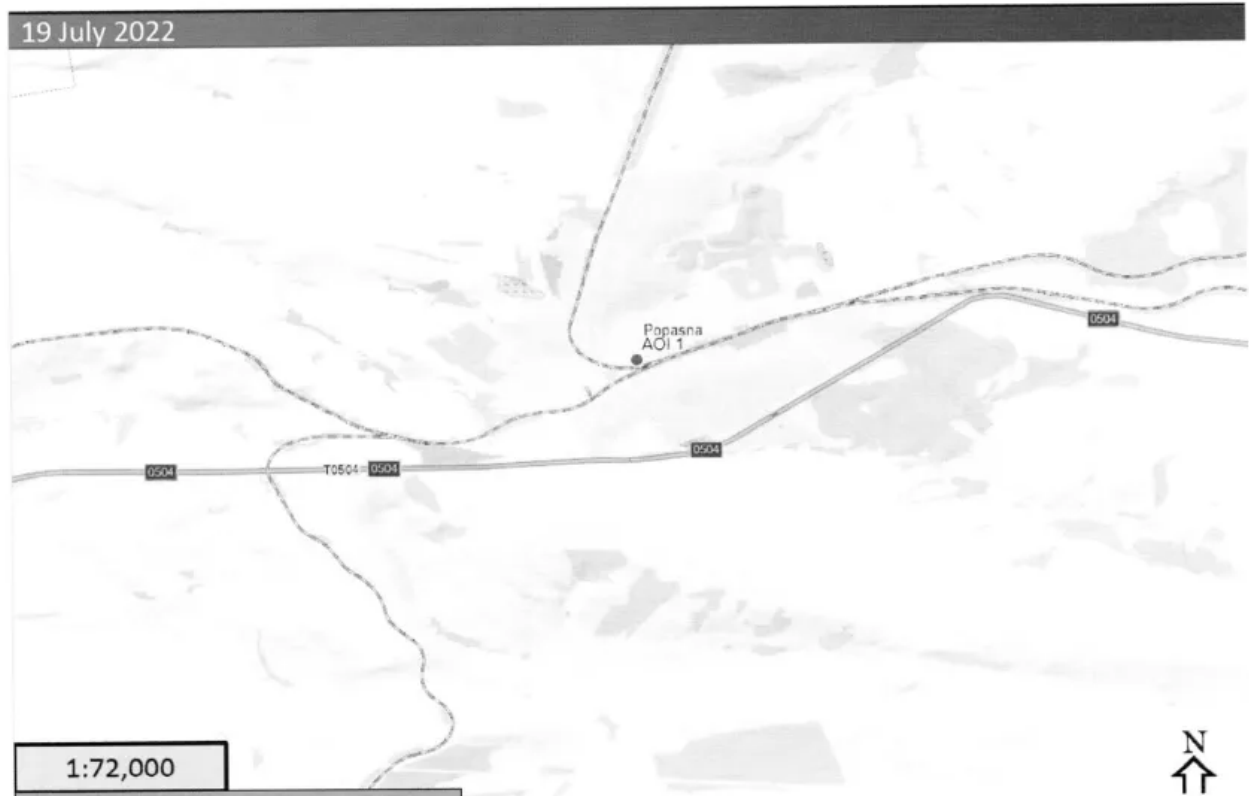
A Russian R-330Zh GPS jammer was located near 47.596944 36.751667 / 47.596939 36.751931, as of 21 JUL 2022 at 1217Z.

A Russian R-330Zh GPS jammer was located near 47.608611 36.8 / 47.608747 36.800246, as of 21 JUL 2022 at 0317Z.

There are even analysis/extrapolation on likely HQ positions with provided maps:

Description: On 19 JUL 22, a probable Russian C2 node exists within a city center location between three damaged buildings IVO Popasna, UKR. Includes a damaged three bay building, five six-meter long buildings, one large tent, one 10-meter radomed communication tower, and one probable four-axle wheeled armored vehicle. A 50-meter tower with two possible radar screens mounted next to a small building, 200m north of the location IVO 483752N 0382221E.

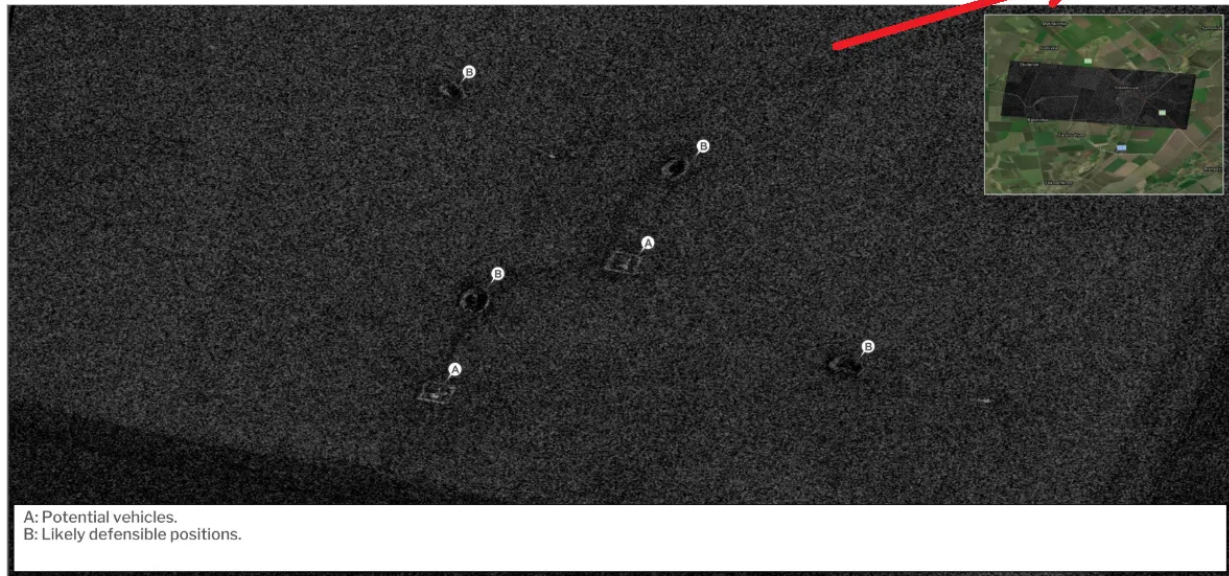
Location: 48.6294, 038.3722



And many exact satellite photos showing thermally enhanced views of even the most 'hidden' Russian positions with full coordinates:

Assessment Location PL46

Collection DTG: 2022-04-23 15:11:41 UTC | Volokhiv Yar, Kharkivs'ka oblast
 GEO: 49.61426, 36.87804



Product Date:

There are various attempts to understand employed Russian systems, like spec-sheets, diagrams on Russian loitering drones and their 'assumed' characteristics, explanations of how they operate, etc. The US analysts attempt to understand the Russian loitering drone threat. Here, they make it obvious that these drones are very problematic for them, and that their systems cannot detect them. Note specifically the mention of their signatures being 'difficult to collect from overhead assets'.

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(C//REL TO UKR) It is difficult to get an understanding of the usage and total force posture for the small UAVs. This is due to having a small signature footprint making them difficult to detect based on the signal collection assets in the area and are difficult to collect from overhead assets. Regarding the KUB we are only aware of it being used at this time due to being identified around March 12th from unclassified sources. Additionally, we are only aware of Lethal UAV usage in Ukraine due to failed missions and may have had many successful missions previously which would be difficult to detect and identify since the lethal UAVs are meant to detonate on impact. The likely reason the KUBs have failed to detonate and strike their targets in Ukraine and Syria is because of electronic warfare such as jamming or spoofing Global Navigation Satellite System (GNSS) and/or jamming the data-links.

(C//REL TO UKR) The KUB UAV is likely used in a Reconnaissance-Strike formation. The UAV Reconnaissance-Strike formation integrates an Intelligence, Surveillance, and Reconnaissance (ISR) UAV with a strike UAV to carry out a strike mission. The principle method to employing this formation is to use an ISR UAV to search, detect, identify, and measure the necessary parameters of the targets in the complex's zone of control. The information of the target is transmitted in an automated system to a center for processing the information and controlling the complex. The information is analyzed and a decision is made about destruction of the target. The decision is then transmitted to the fire system with weapon guidance information. Weapon guidance continues with the support of the ISR UAV as the target is approached and the ISR UAV can confirm the destruction task has been carried out. As Russia continues its focus on Reconnaissance-Strike, it is assessed that these systems will use more complex vehicles providing greater capability and chance for mission success in the future.

Since Ukraine has no ‘overhead assets’ whatsoever of its own (since this refers to both AWACs and satellite recon), they are here referring primarily to the vaunted US/NATO assets. And they are admitting these assets can’t detect these drones.

Also, note the reference to the famous Russian Reconnaissance-Strike-Complex which I [wrote about in detail in this previous report](#). It’s clear that NATO understands and respects Russia’s famous RSC/RFC.

One of the most eye-opening things about the reports is that a huge portion of their computational power is dedicated to unveiling various Russian ‘jammers’. This corroborates the fact that Russia is in fact actively jamming everything on every frontline, to the great dismay of the many skeptics who claimed Russian EW is not active in the SMO.

A probable Russian Jammer was located near 48.94630625 38.57736183 as of 03 May 2022, at 1216Z.

A probable Russian Jammer was located near 48.90138762 38.8761305 as of 03 May 2022, at 1047Z.

A probable Russian Jammer was located near 46.91386181 32.99063661 as of 03 May 2022, at 1500Z.

A probable Russian Jammer was located near 47.00933978 33.48893426 as of 03 May 2022, at 0103Z.

A probable Russian Jammer was located near 47.32853905 33.69841577 as of 03 May 2022, at 1316Z.

A probable Russian Jammer was located near 46.8805415 35.30698058 as of 03 May 2022, at 0416Z.

A probable Russian Jammer was located near 47.3750555 35.54636711 as of 03 May 2022, at 1117Z.

A probable Russian Jammer was located near 47.74871539 37.67010679 as of 03 May 2022, at 1317Z.

A probable Russian Jammer was located near 48.0272334 37.75577463 as of 03 May 2022, at 1417Z.

A probable Russian Jammer was located near 48.62964092 38.40132832 as of 03 May 2022, at 0805Z.

A probable Russian Jammer was located near 46.7753908 33.37261822 as of 03 May 2022, at 1232Z.

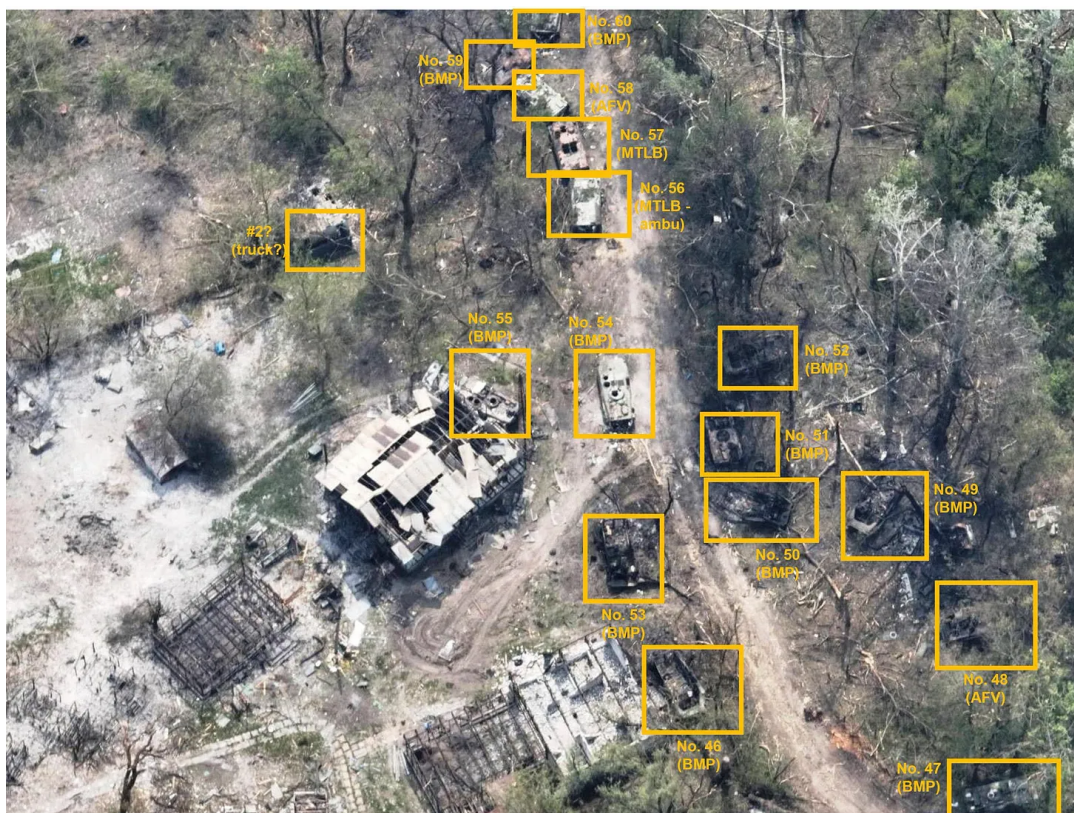
A probable Russian Jammer was located near 49.26541492 37.60474001 as of 03 May 2022, at 0903Z.

There are warnings of upcoming strikes like this one:

(S//REL TO UKR) We assess Russian forces are likely going to strike railway electrical substations in the West along railways that converge at Lviv in coming days.

(S//REL TO UKR) Russian forces are also likely to target Bayraktar facilities at various locations in Ukraine.

And even advance word on precise river crossings. What makes this following one so interesting is—if you'll recall—one of the early Russian 'disasters' was a particular Seversky Donets River crossing which happened in exactly May:



This was where dozens of Russian armor units were basically ambushed in a narrow chokepoint / kill-box by artillery. And lo and behold, this transmission also from May in the Delta leaks shows:

(S//REL TO UKR) According to a reliable source, Russian forces are likely seeking to cross the Severskiy Donetsk River near two locations: one near Zakotnoye, Donetsk Oblast (48.896944, 37.966111) and the other near Dronivka, Donetsk Oblast (48.921944, 38.037222) within the next 48 hours. Within 24 hours of crossing the river, Russian forces would probably attempt to capture the nearby town of Mykolayivka (48.856389, 37.773889), likely as part of a larger operation to encircle and capture Sloviansk (48.838889, 37.591111).

And there are several other such advance warnings of precisely geo-located river crossing spots for VDV and other units. So for all the people who wondered, how is it

possible the AFU could set up such precise artillery hits on Russian battalion crossings in the past, look no further than this.

River crossings are particularly tricky because there are usually only certain easily identified areas where a particular river can be forded or pontooned effectively, or in a timely manner. It seems the US is able to identify these points by tracking Russian recon/advance engineering units which are first sent to recon the best crossing points, to measure them for the suitability and safety of the battalion crossing.

Then US reports back via Delta that a Russian battalion is setting up preparations to cross at that exact spot, giving exact coordinates and estimated timeline. And voila—AFU units are able to covertly position artillery/MLRS (and likely HIMARs with the exact given GPS geo-coordinates from the Delta feed programmed directly into them) to hit that crossing RIGHT at the moment the battalion is transiting.

And people wonder why Russia might now have developed the new small unit 'Assault Detachments' as [outlined here](#).

By the way, this partial/incomplete Delta leak is comprised of over 130 pages of densely small-printed, highly granular intelligence data that only corresponds to a couple choice weeks in July and May. Dozens of identified positions and movements on each page, for over 130+ pages: literally tens of thousands of intelligence data points in only a few short weeks' period. Imagine the absolutely gargantuan amount of analysts and data-crunchers it takes to compile these 24/7?

I alluded to it in the past article, where I stated that tens of thousands of Western and NATO analysts are involved in this whole procedure. Some of the granularity of the data is breathtaking. In one report they list the exact types and counts of ammo crates on a given airfield position, noting there are 78 crates of a specific type of ammo-variant, etc. They know when and where the ammo is coming from, exactly how much there is, and exactly when and where it's going next. In light of all this, it's shocking how well Russia has even been able to do so far—and I believe it's a testament to the power of Russian EW and AD systems that continue to successfully safeguard the forces.

Also, if you've seen [this recent interview with an American mercenary](#) who defected to Russia from the AFU, at some point he mentions how there were special mercenaries in the Foreign Legion he was a part of, which had CIA contacts (likely

deep-cover CIA plants). And these guys had special satellite phones which they used to call their analyst/handler, who would feed them coordinates and Russian positions. It makes sense for the US to plant an operative like this into every Foreign Legion detachment, to maximize their effectiveness by basically handing them all the needed info about Russian positions on a silver platter.

Another interesting tidbit included information about Russian tanks. What was most interesting was that by May, Oryx and other infamous lists, showed upwards of 600-750 Russian main tanks had already been lost (destroyed, captured, abandoned, etc.) However, this leak notes that up to May, Russia had only begun tapping a total of 124 tanks from their reserve inventories.

As of late February 2022, we estimate Russian forces have approximately 2,153 tanks, 9,419 armored fighting vehicles, 2,939 self-propelled artillery, and 994 multiple rocket launchers in their inventory of operable equipment. We assume Russia is able to draw on this inventory to resupply units in the Eastern Operational Zone. Russia may have additional equipment in long term storage facilities. However, much of this equipment will be inoperable without maintenance or refit. Additionally, as of 2 May we have seen partial mobilization of equipment from Mobilization Deployment Support Centers inside Russia. We observed a significant increase in vehicle departures in March and April 2022, likely to replace losses of equipment in Ukraine. We have not observed general reservist mobilization, nor activation of reserve units. Between 1 March and 1 May, a total of 124 tanks, 108 BMPs, 73 MT-LB, five BTR, and 56 trucks departed TsOMRs, and an additional 113 tanks, 67 BMPs, and 35 MT-LBs were possibly being prepared for departure. We believe the Russians are also heavily relying on repairing and refitting damaged equipment to replace losses.

So this gives a very interesting ‘under the hood’ insight that appears to point to real Russian tank losses by the May period, which would be only a little over 100. This perfectly chimes with my own analysis, as I’ve outlined in the previous article, that Russia has in fact likely lost a total of 400-500 tanks up to now, since Oryx’s list not only inflates the numbers through fraud and misattribution, but also doesn’t distinguish between DNR/LNR. So his current ‘total’ of 1600+ lost Russian tanks represents really only 800 Russian and 800 DNR/LNR, which means the real ‘Russian only’ tank losses would be a good measure less than even that.

So it’s conceivable that by May they had lost 120+, and since that was about the 1/4th mark of the SMO, you can multiply that number by 4 to get a likely realistic present loss count.

And by the way, a [top youtube analyst \(and pro-Ukrainian to boot\) did a very thorough deep-dive](#), including tons of purchased, 3rd party satellite photos he funded himself, and he came to similar conclusions and found that Russia was only tapping maybe 10% of its reserve tank inventory.

One major reserve depot had gone from 800 tanks before the SMO to 700. Another went from 400 to 380, another had no change whatsoever to its tank inventory, 350 remained out of 350. Another major depot with over 1000 tanks in storage had a small change with ~900 remaining. Another site had 700, now has 600. Another went from 215 to 180. Another from 350 to 250. And another from 700 to 500.

He estimates that from all the sites combined, there are 700-800 less tanks than a year ago, although he admits some of them could simply have been moved to garages, as many of the sites have extensive garage/shelters/hangars/etc. And on top of that, most of those un-mothballed tanks were likely also going to the DNR/LNR and various volunteer brigades. So the total number of *Russian* 'lost tanks' it may represent, is actually even far less.

But that's a digression.

So—imagine all those tens of thousands of data points from the leaked docs now being inputted into this digital networked system, which gives access, to the *entire* AFU, basically every single conceivable position, movement, hidden unit, etc., of the Russian army, at the touch of a button. Every unit in the AFU with a corresponding tablet or computer can log into this, and know *exactly* where every Russian system is in their vicinity, where they're moving, how they're moving, what they're planning to do, etc. Can you see the problem this presents for Russia?

As I've shown in the previous article, this granularity even extends to the Russian airforce, whose planes can be tracked in real time and transmitted to AFU systems like so.



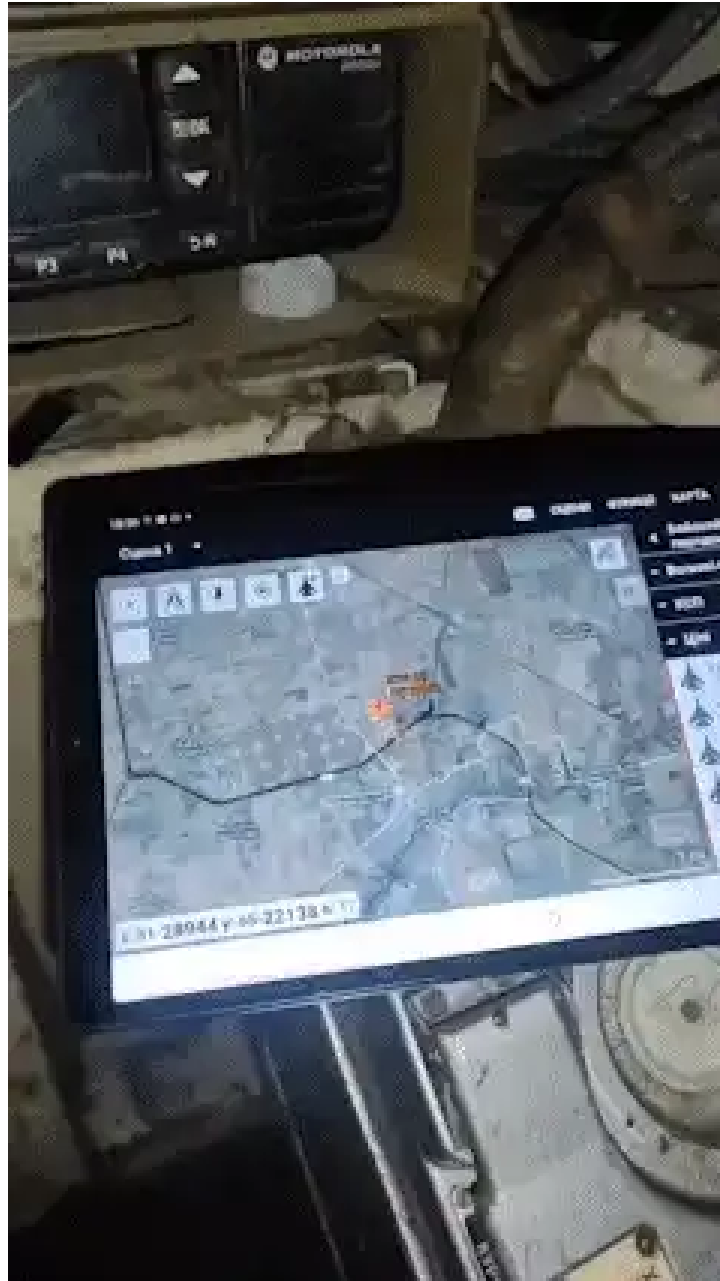
UA War in Ukraine
@Rinegati

How the "Nettle" program works in the service of air defense units of the Armed Forces of Ukraine to combat Russian aerial targets

0:00 / 0:10

9:10 AM · Nov 2, 2022

41 Likes 6 Retweets



The tablet shows a Russian plane being tracked over a map somewhere. This can be fed to forward AD units which can then figure out how to position themselves and respond to it.

I've explained before that the reason Ukrainian AD is very difficult to fully destroy/degrade by way of SEAD/DEAD, is because they no longer operate in 'hot' mode with the radars turned on, just blindly scanning the skies hoping to catch a Russian plane. If they did that, Russian Su-30mk's, Su-34's, Su-35's armed with anti-radiation Kh-31P's would 'wild weasel' them out of existence.

But with these systems, Ukraine can operate its AD with radars ‘cold’, i.e. turned off, and use a combination of forward observers to notify them if/when a plane is in the area, or some other detection system like US AWACs, fed directly to their networked tablet. And only *then*, the Ukrainian AD can turn on its radar—now that it knows exactly where the Russian plane is already—and line up a shot, not having to fear being countered because they will turn the radar off again right afterwards.

In the above video, however, I’m not sure *how* they’re tracking the Russian plane on the ‘Nettle’ system. It depends where on the map that happened, as AWACs’ range does not permit them to see into Donbass from Poland/Romania. However, judging by the date of the video, the environment, and what little of the map I can make out, it appears to possibly be near Nikolayev/Kherson, and that is within range of NATO AWACs operating in Romania, as it’s only about 330km, and AWACs can do at least a good 400-450km, and longer for high-flying, large strategic bombers.

I hope that gives you a better understanding of how these systems work, and what massive advantages Ukraine has in some sectors of the fight. Be sure to [peruse the documents yourself here](#) so you can get an idea of what they’re doing ‘behind the scenes’ to engineer a Russian loss in this war.

However, despite the unprecedented C4ISR effort entailed therein, it is clear that Russia continues to rebuff and overmatch NATO, even while at a great numerical disadvantage. That has to say something about Russia’s own systems, and there is good chance that Russia’s own C4ISR and satellite capabilities are far more extensive than many people believe. And on top of which, there’s evidence that China is providing a similar help to Russia as NATO to Ukraine.

China’s blacklisted Spacety allegedly shared satellite images with Russia’s Wagner group-U.S. official

Several days ago it was outed that Chinese satellite firm ‘Spacety Inc.’ [has reportedly been supplying Wagner forces with satellite photography](#).

But most interestingly of all, [Prigozhin himself refuted the alleged report](#), stating:

“There is no need for us to purchase satellite imagery. PMC “Wagner” for 1,5 years has almost two dozen satellites, some of which are radar, and the rest are optical.”

He claims that his own system of satellites allows Wagner to observe all points of the world.

Now what could *that* mean?

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Vitaly2030 Mar 4 Liked by Simplicius The Thinker

The C4ISR and the strike capability is amazing. The question I pose to my friends, for 800 billion a year, where the heck is the ammunition?

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JustTruth Mar 4 · edited Mar 4 Liked by Simplicius The Thinker

Yes, USA has a lot of high tech, very complex gadgets. Russia has countered and neutralized most of them to date, one way or the other. There are now near 300,000 Ukraine killed and missing, and another 300,000 wounded. Russia has about 20,000 dead, and perhaps 50,000 wounded. Ukraine has burned through many thousands of pieces of armor and artillery and 90% of its Air Force. Russia has prepared actively for this war since 2007. At the end of the day, results matter. Russia is rapidly destroying Ukraine military, and likely 2 months away from fully decapitating it, at the current pace.

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