

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 15, 2023, 3:00 PM ET

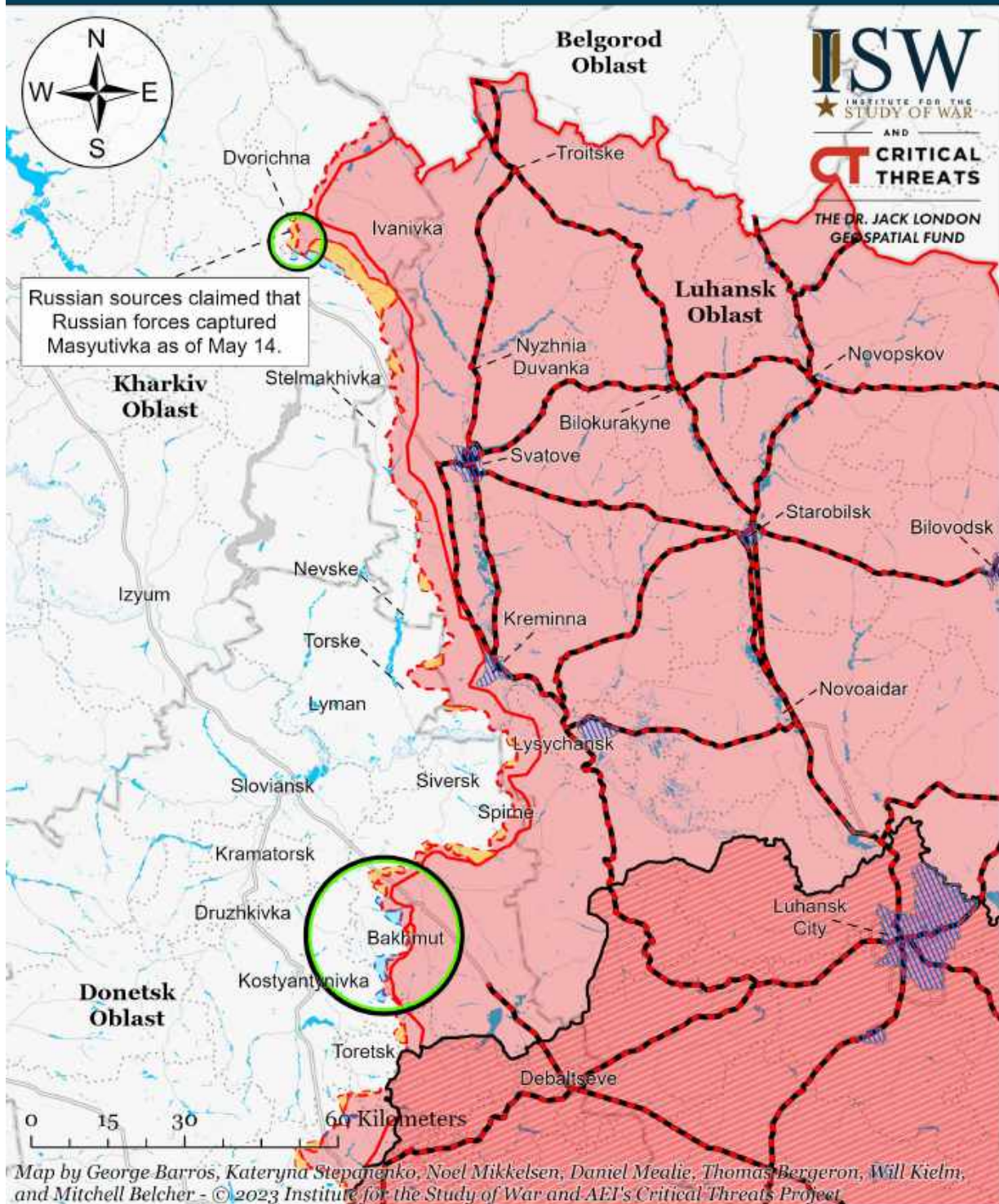


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Luhansk Oblast as of May 15, 2023, 3:00 PM ET



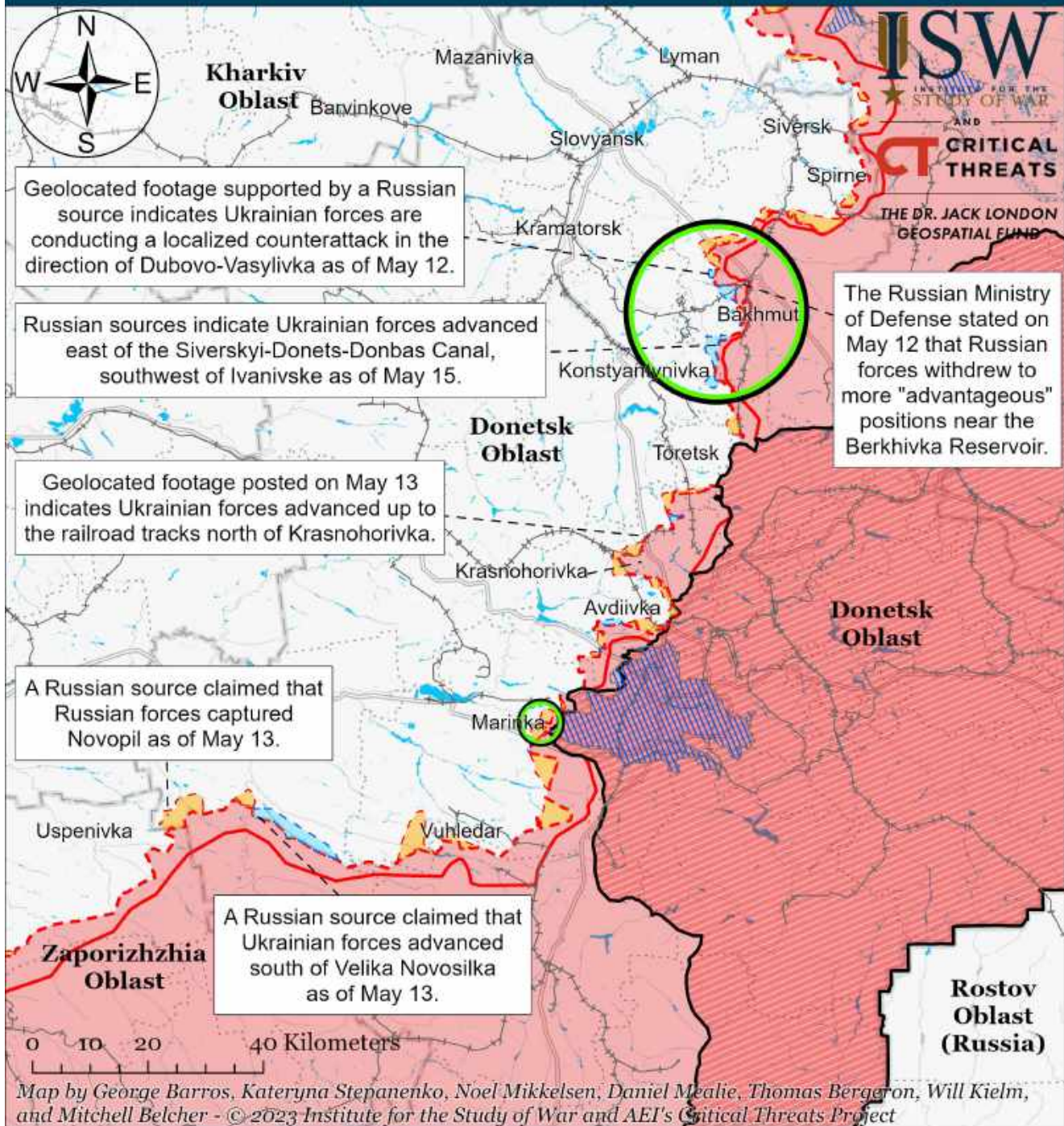
Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kiehl, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

- Significant Fighting in the past 24 Hours
- ▬ Russian Ground Lines of Communication
- Russian-controlled Ukrainian Territory before February 24
- Assessed Russian Advances in Ukraine*
- Assessed Russian-controlled Ukrainian Territory
- Claimed Russian Control over Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 15, 2023, 3:00 PM ET

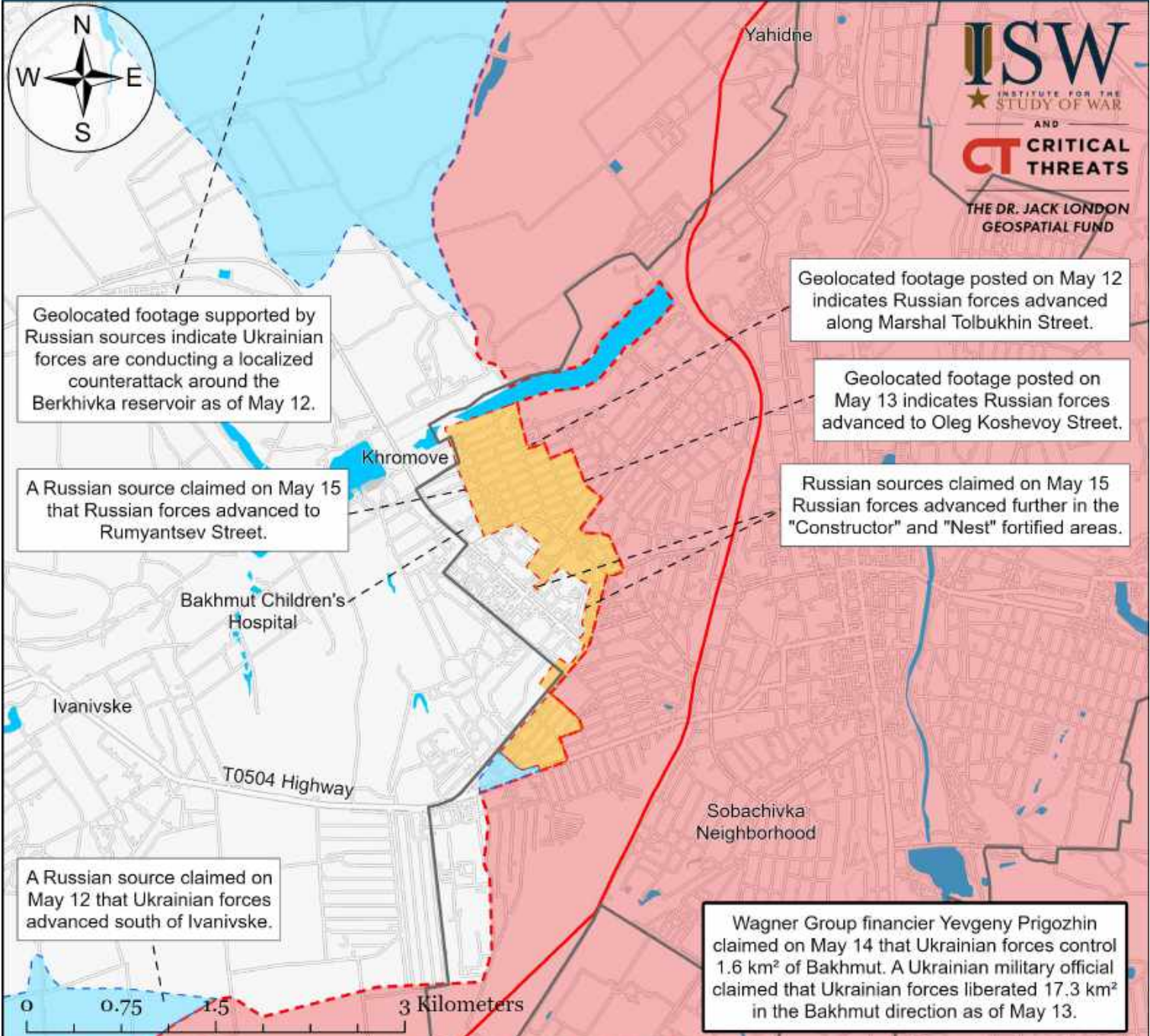
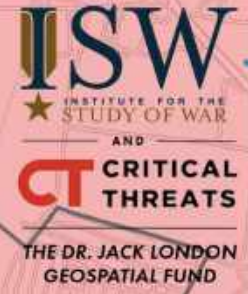


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Claimed Russian Control over Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Assessed Russian Advances in Ukraine*
- + Major Railroads
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Bakhmut as of May 15, 2023, 3:00 PM ET



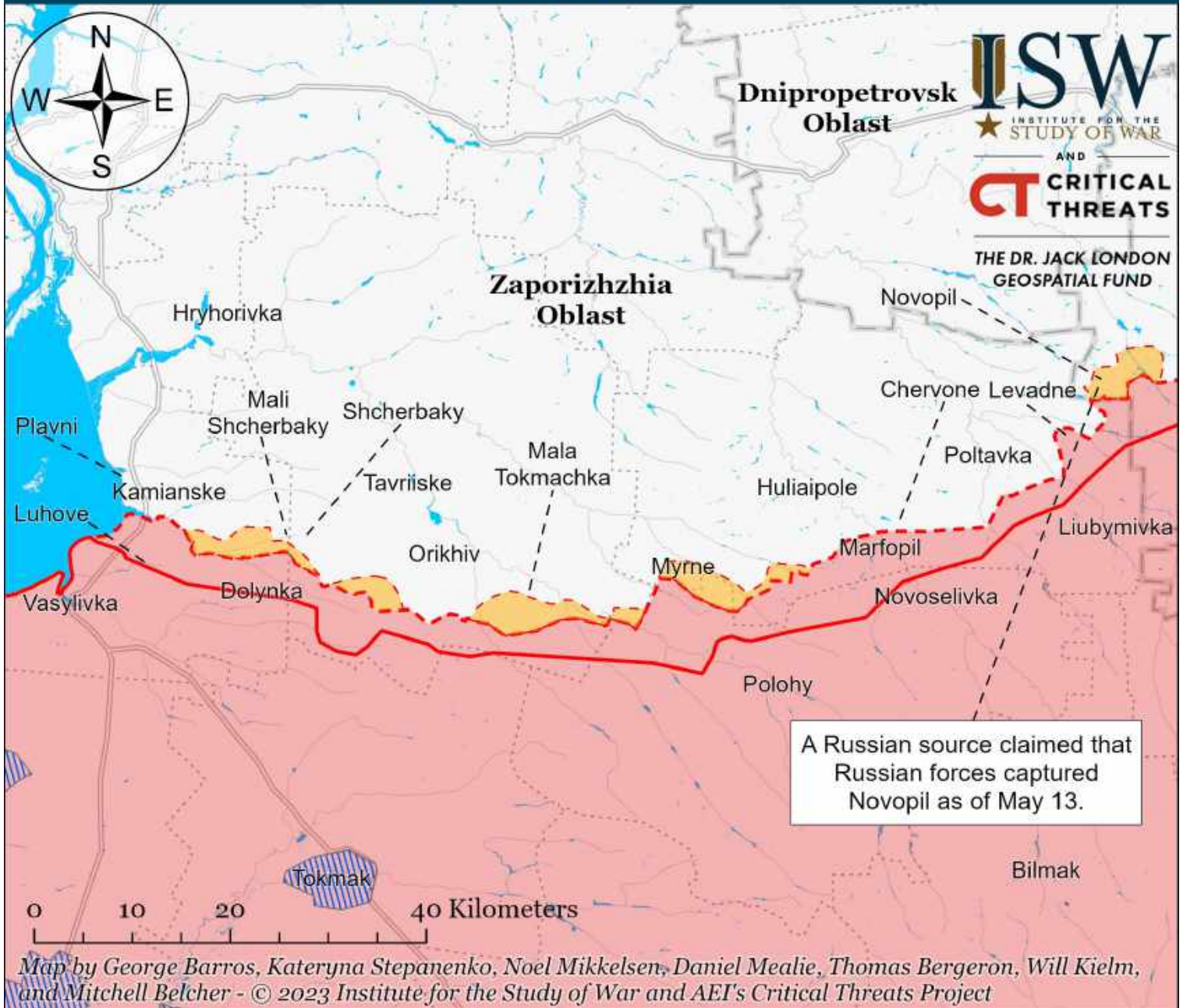
Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher
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- Bakhmut City Limits
- ▭ Assessed Russian-controlled Ukrainian Territory
- ▭ Claimed Russian Control over Ukrainian Territory
- ▭ Claimed Ukrainian Counteroffensives
- ▭ Reported Ukrainian Partisan Warfare
- ▭ Assessed Russian Advances in Ukraine*

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Zaporizhia as of May 15, 2023, 3:00 PM ET

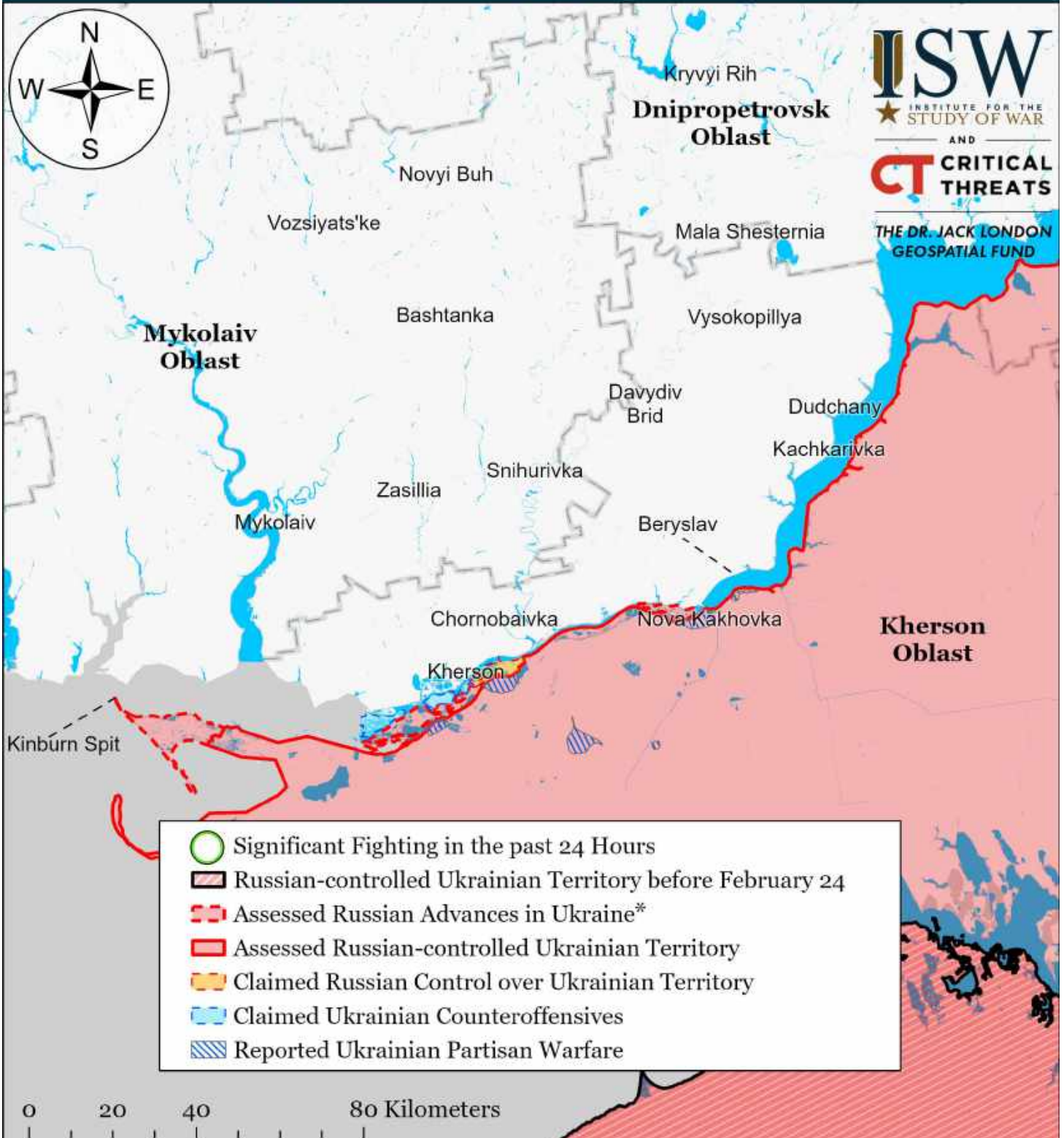


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kherson and Mykolaiv as of May 15, 2023, 3:00 PM ET



Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

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Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 14, 2023, 3:00 PM ET

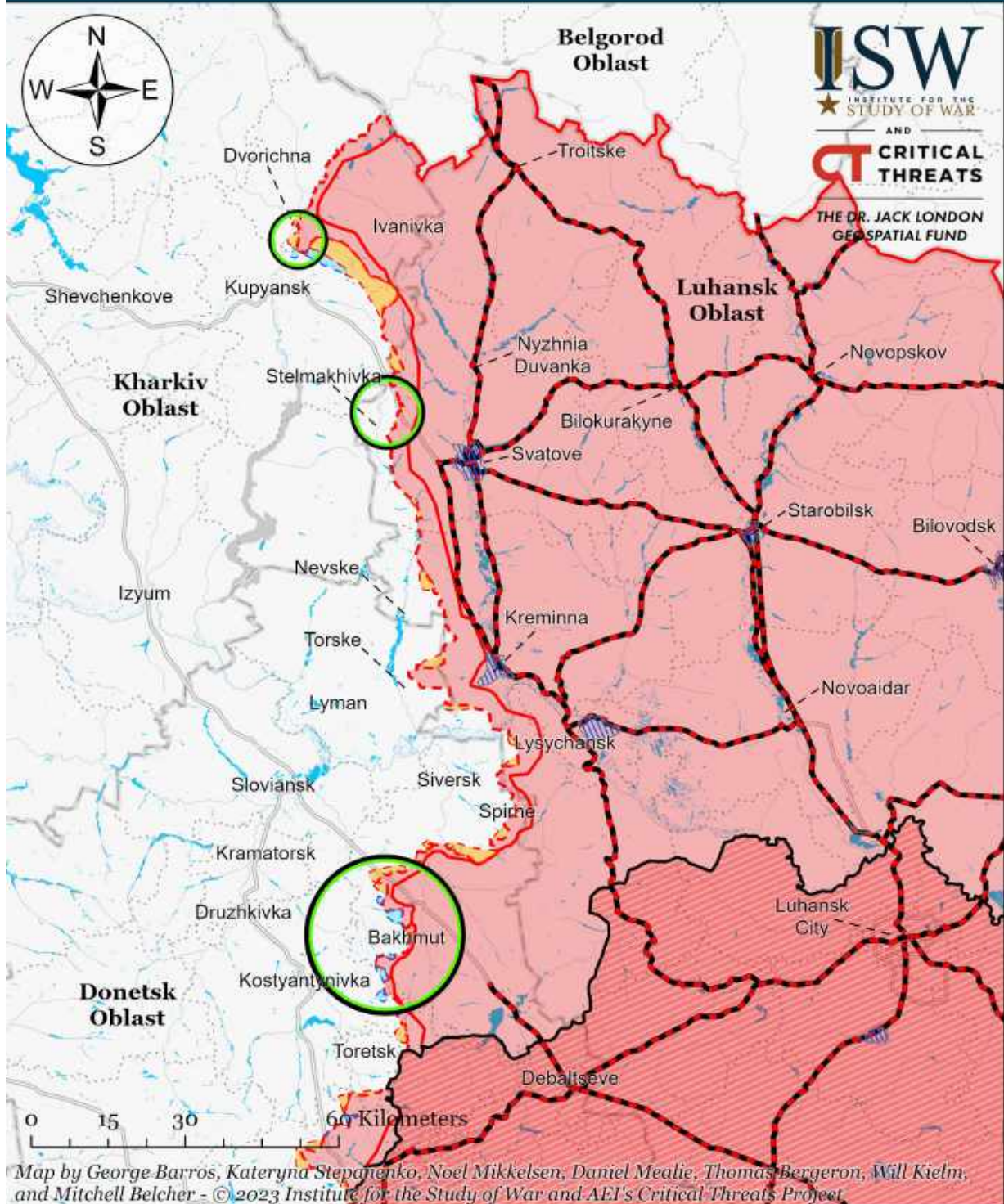


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Assessed Control of Terrain Around Luhansk Oblast as of May 14, 2023, 3:00 PM ET

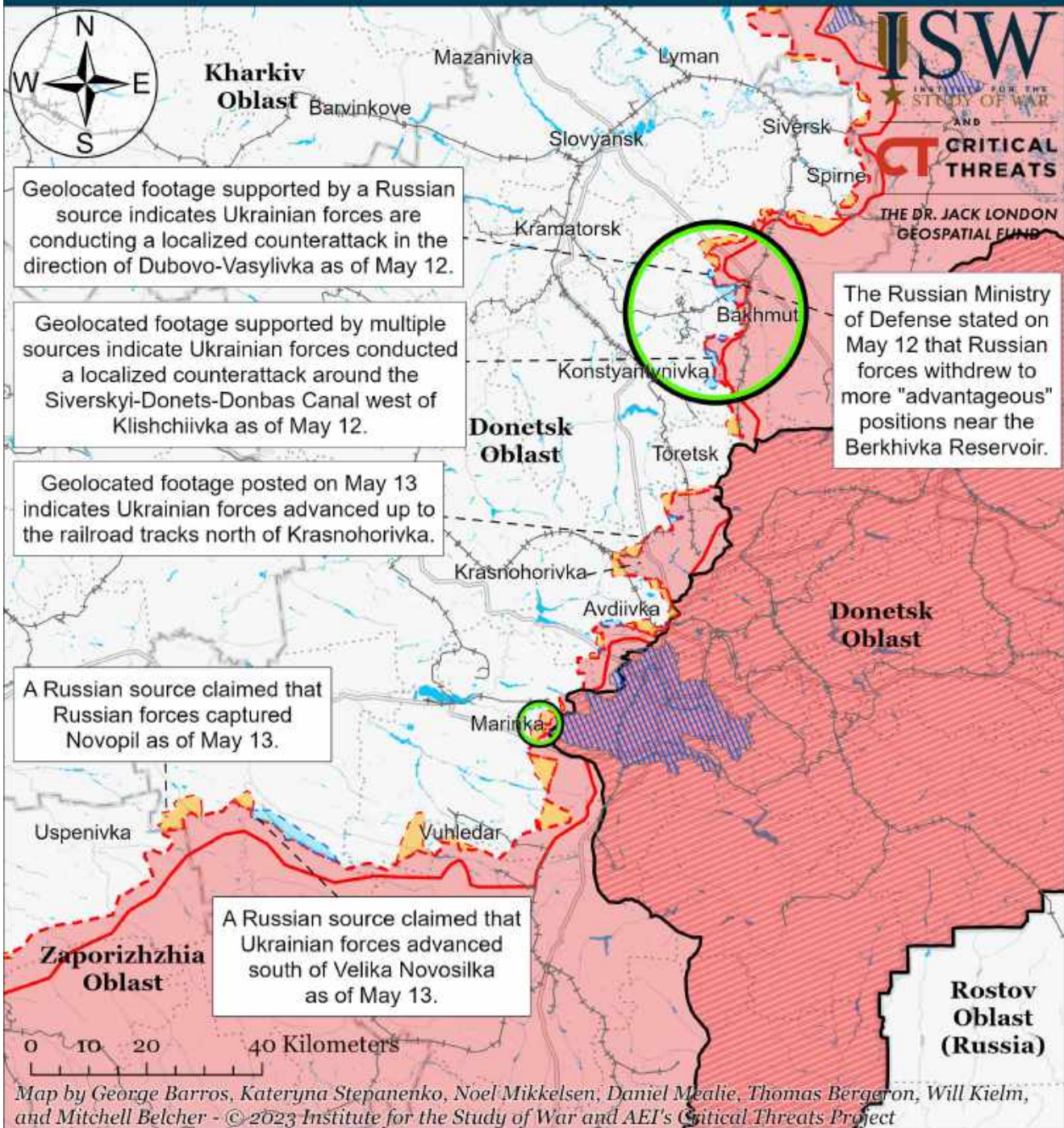


- Significant Fighting in the past 24 Hours
- Assessed Russian Advances in Ukraine
- Claimed Ukrainian Counteroffensives
- Russian Ground Lines of Communication
- Assessed Russian-controlled Ukrainian Territory*
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 14, 2023, 3:00 PM ET

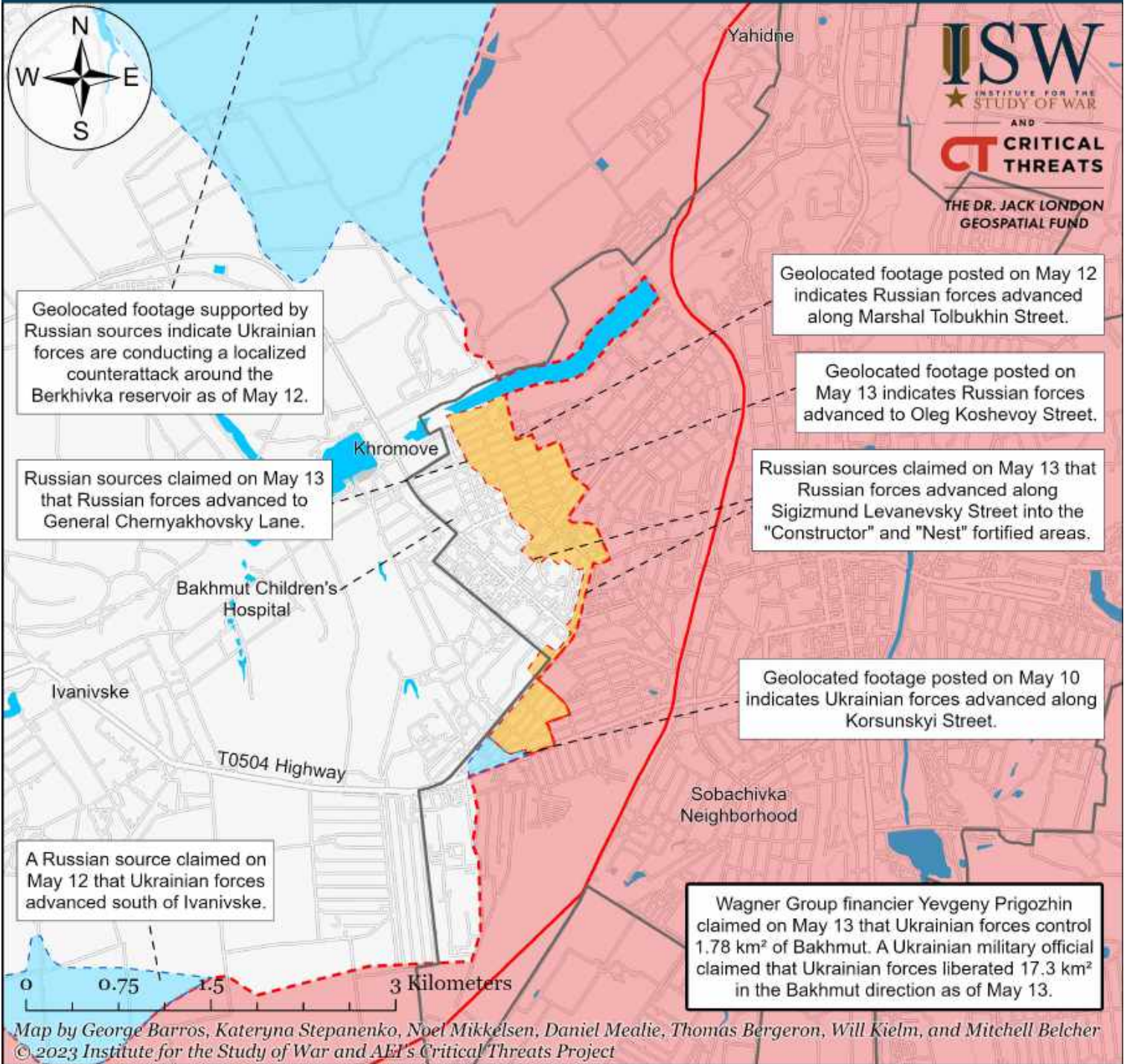


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives
- Reported Ukrainian Partisan Warfare
- Major Railroads

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Bakhmut as of May 14, 2023, 3:00 PM ET

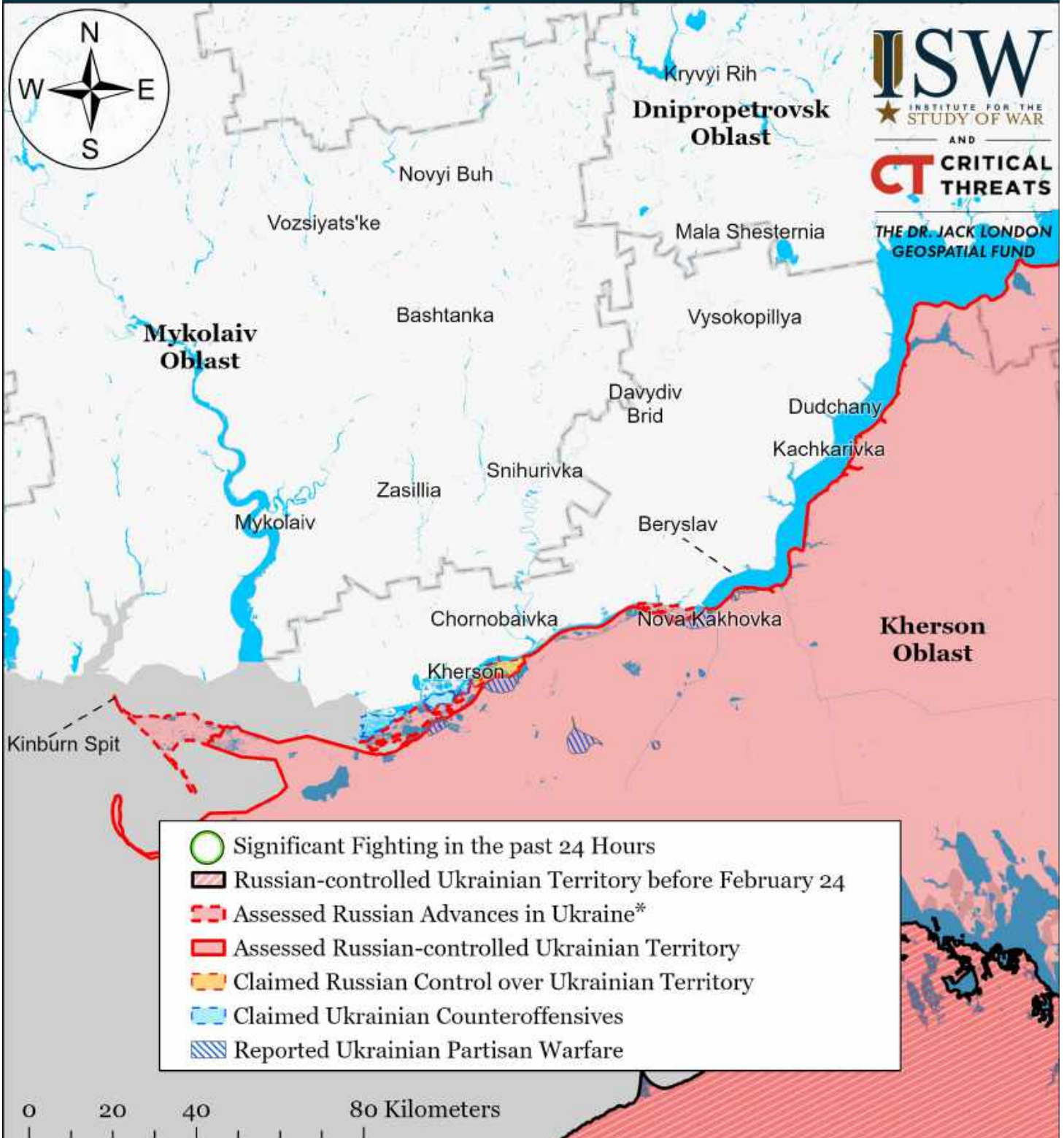


- Bakhmut City Limits
- Assessed Russian-controlled Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Assessed Russian Advances in Ukraine*
- Claimed Russian Control over Ukrainian Territory
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kherson and Mykolaiv as of May 14, 2023, 3:00 PM ET

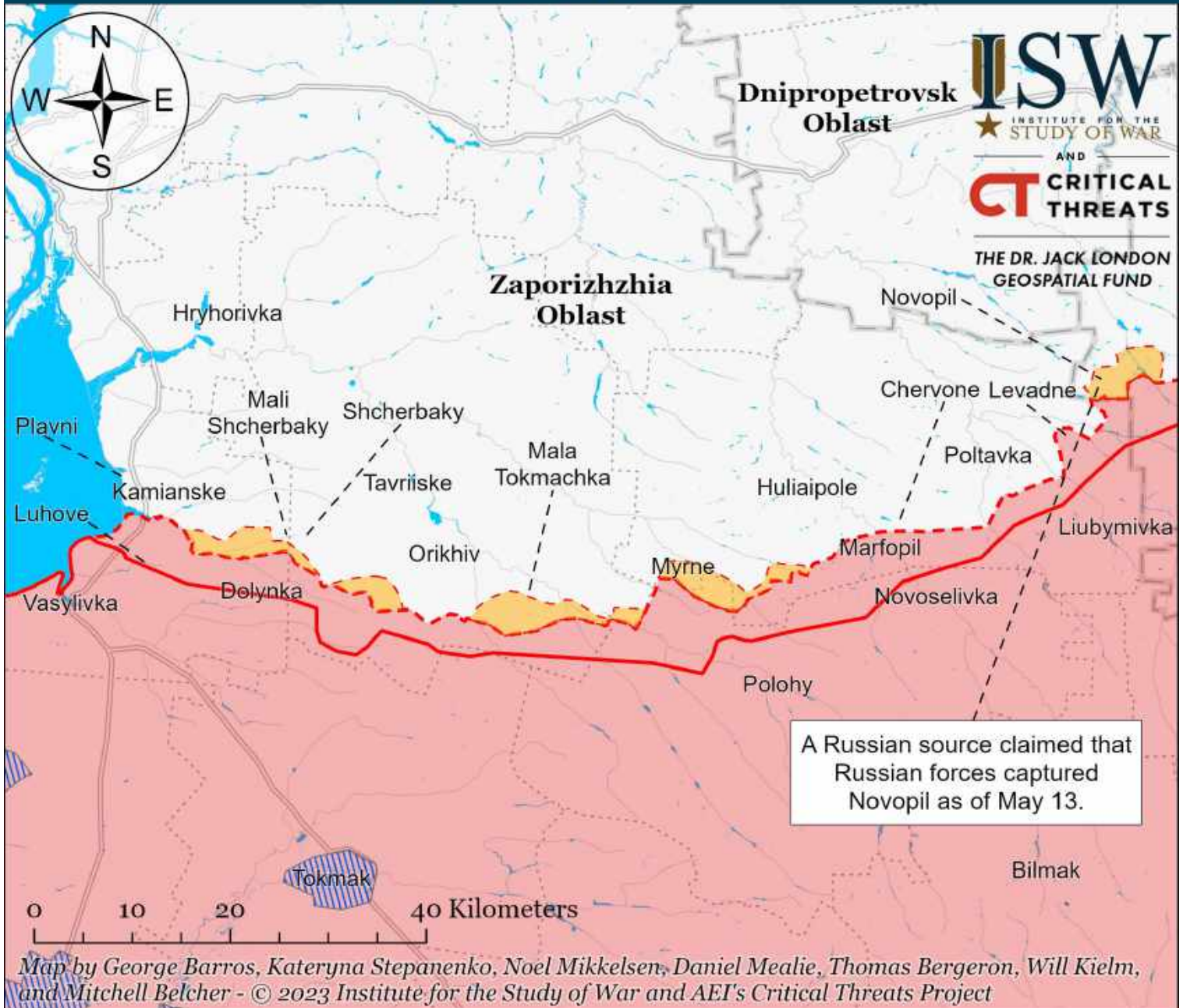


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* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Zaporizhzhia as of May 14, 2023, 3:00 PM ET



- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 13, 2023, 3:00 PM ET

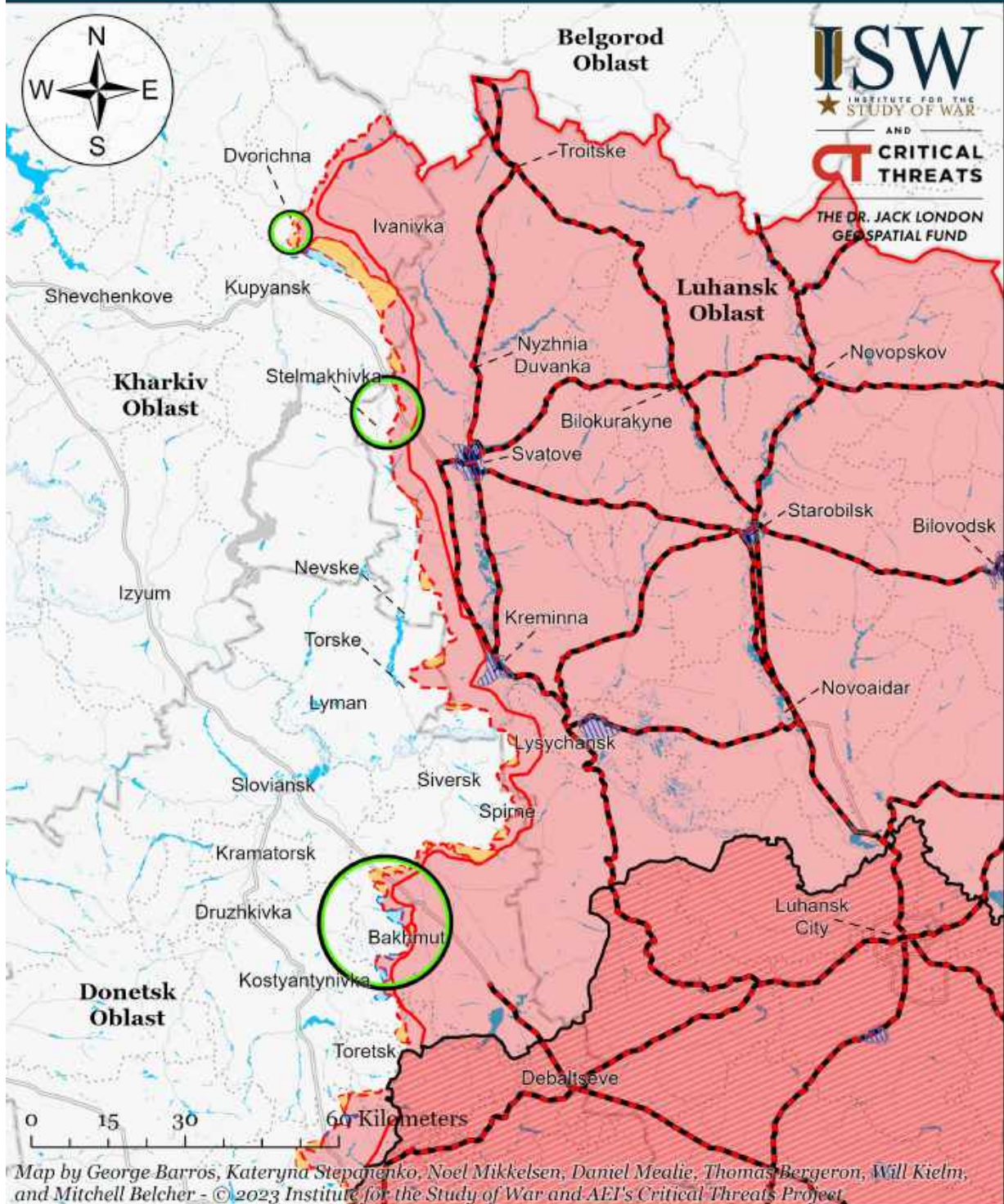


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

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Assessed Control of Terrain Around Luhansk Oblast as of May 13, 2023, 3:00 PM ET

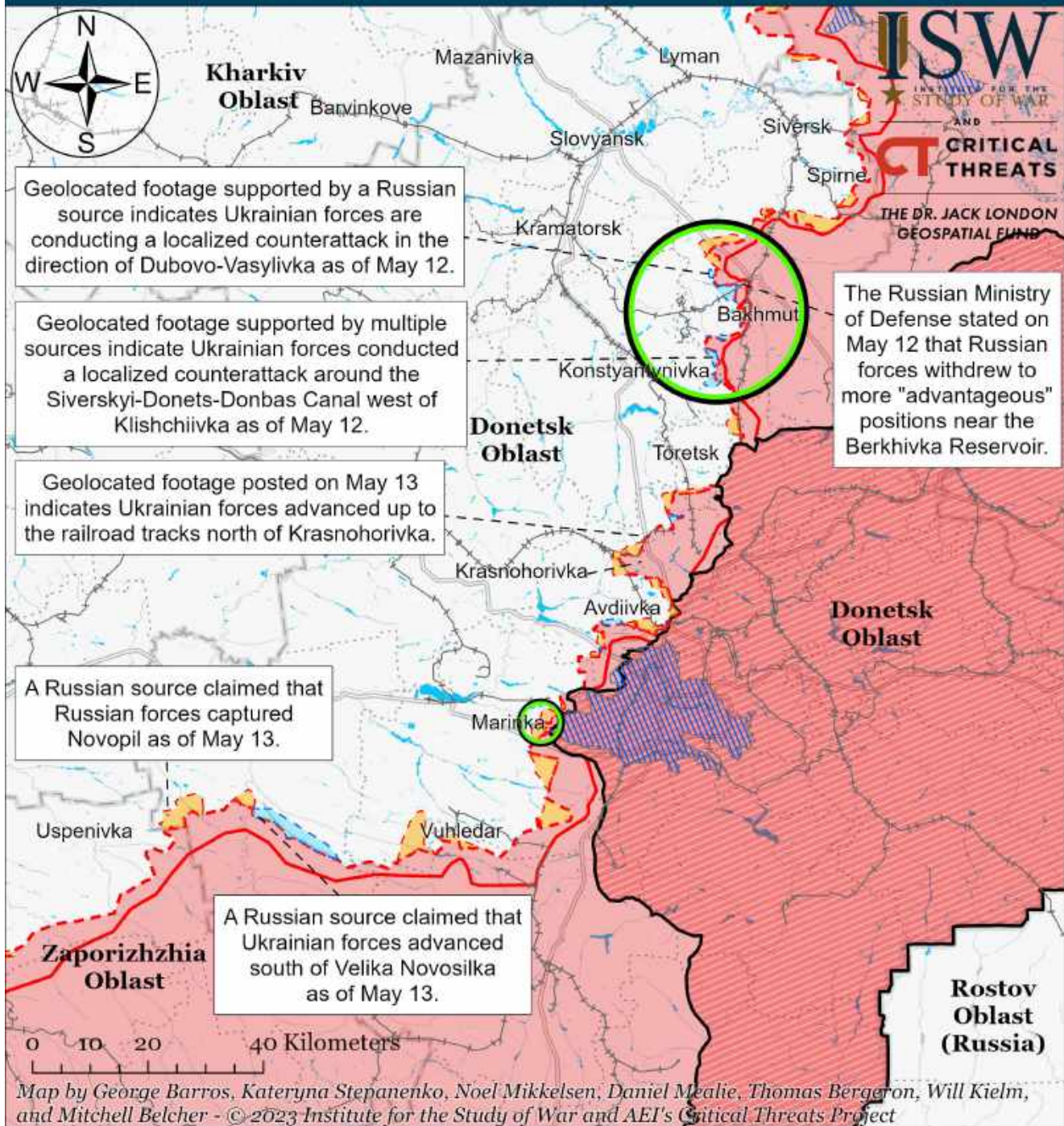


- Significant Fighting in the past 24 Hours
- Assessed Russian Advances in Ukraine
- Claimed Ukrainian Counteroffensives
- Russian Ground Lines of Communication
- Assessed Russian-controlled Ukrainian Territory*
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 13, 2023, 3:00 PM ET

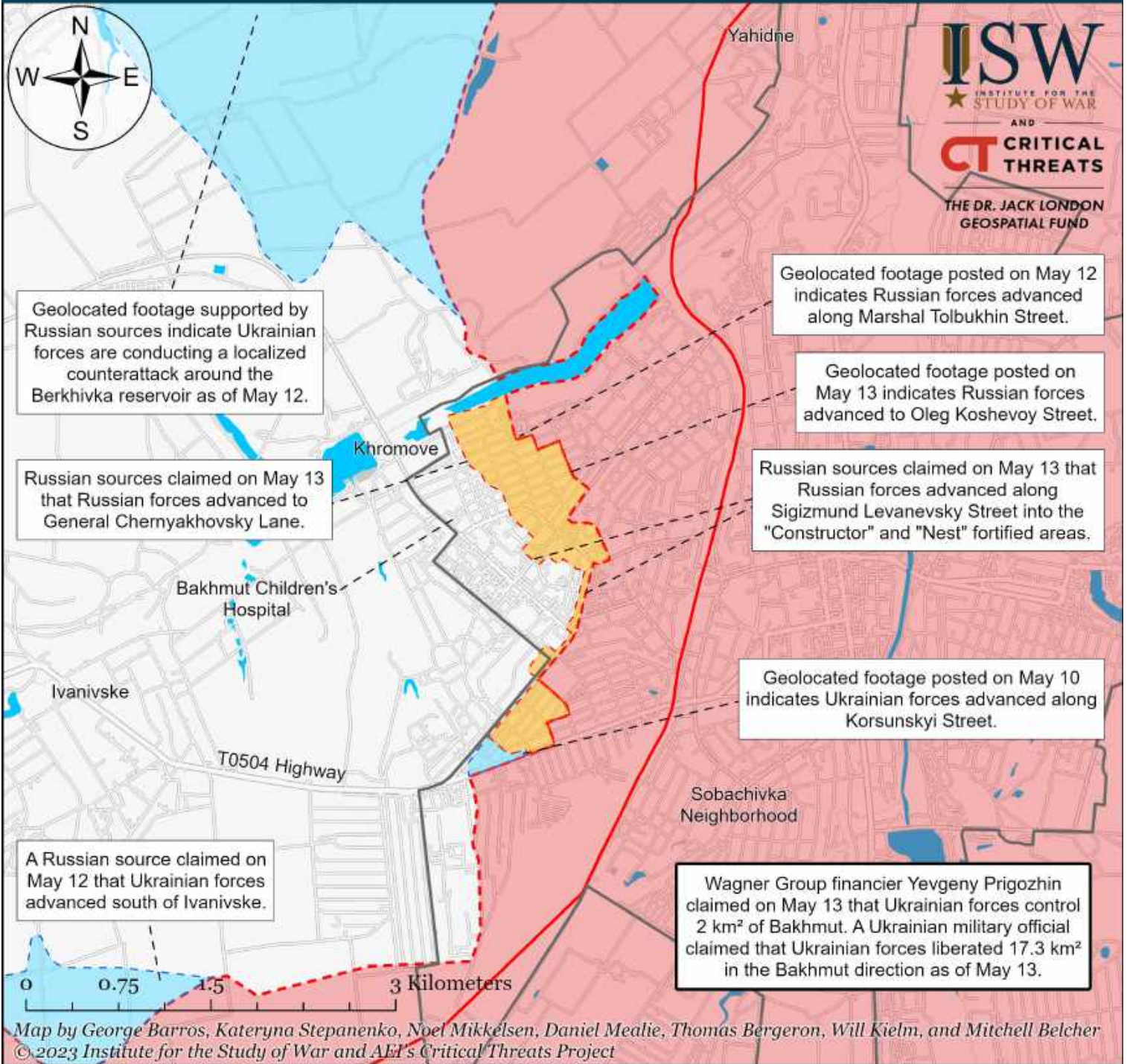


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Claimed Russian Control over Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Assessed Russian Advances in Ukraine*
- Reported Ukrainian Partisan Warfare
- Major Railroads

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

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Assessed Control of Terrain in Bakhmut as of May 13, 2023, 3:00 PM ET

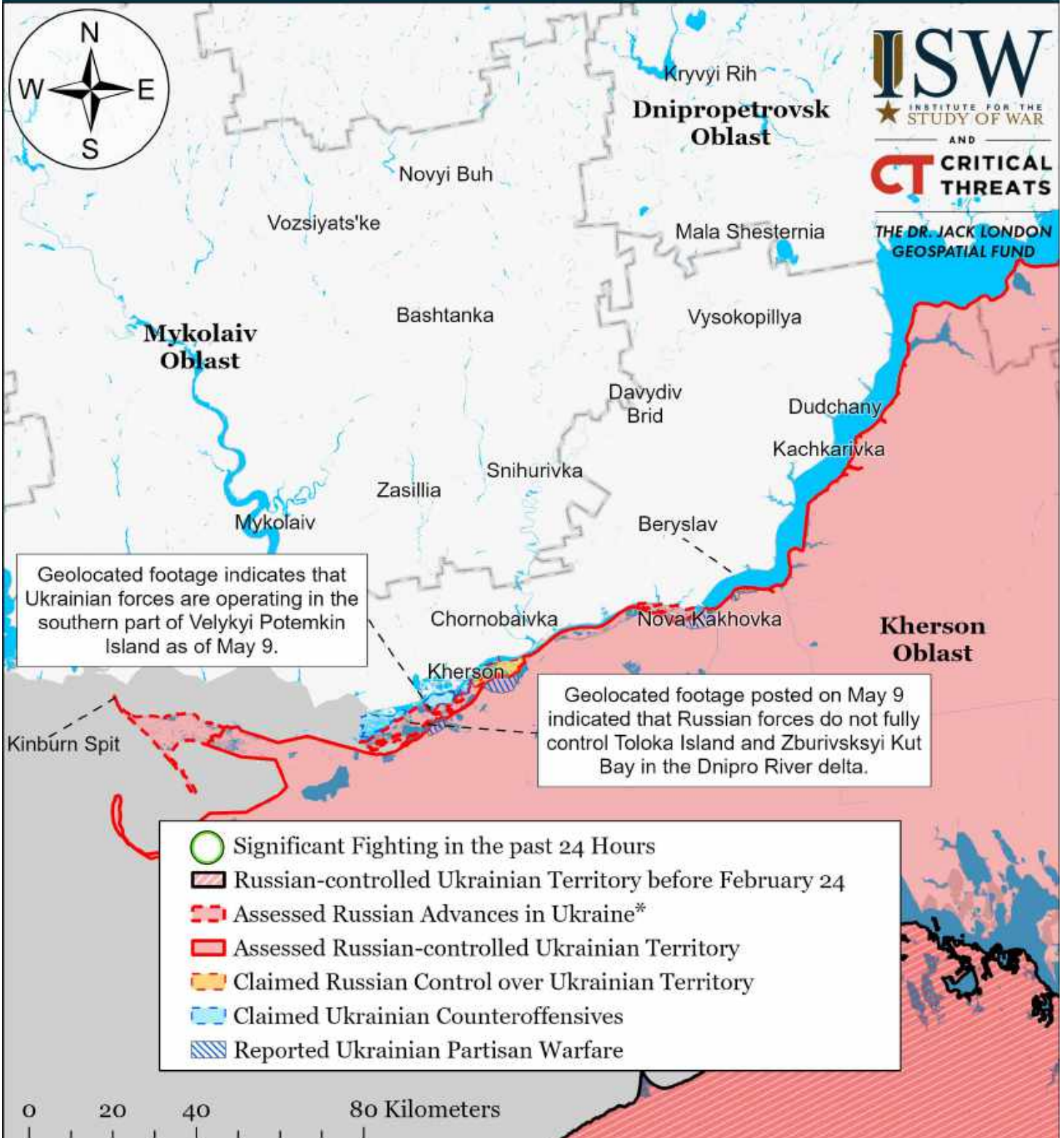


- Bakhmut City Limits
- Assessed Russian-controlled Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Assessed Russian Advances in Ukraine*
- Claimed Russian Control over Ukrainian Territory
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kherson and Mykolaiv as of May 13, 2023, 3:00 PM ET

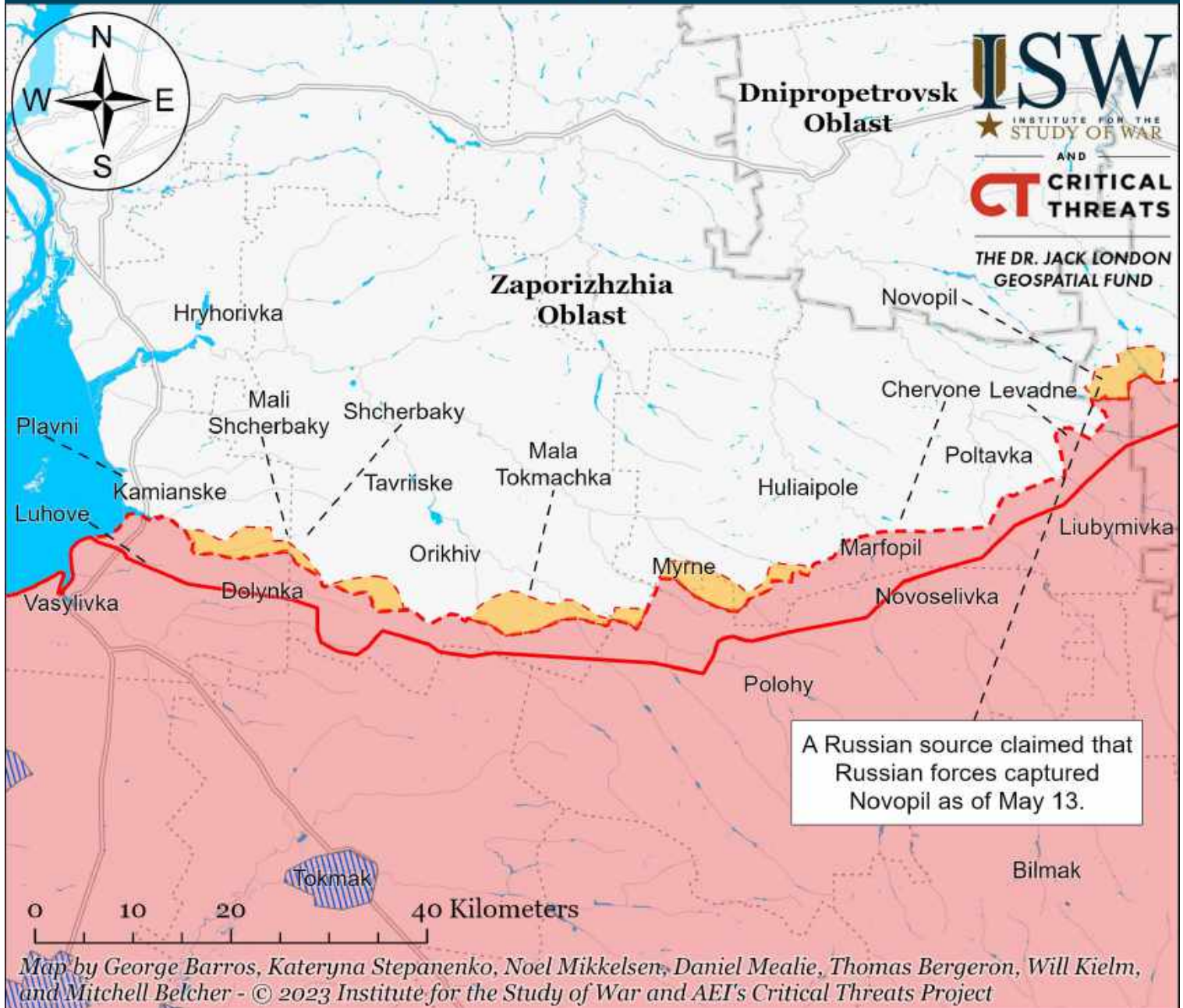


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Assessed Control of Terrain Around Zaporizhia as of May 13, 2023, 3:00 PM ET

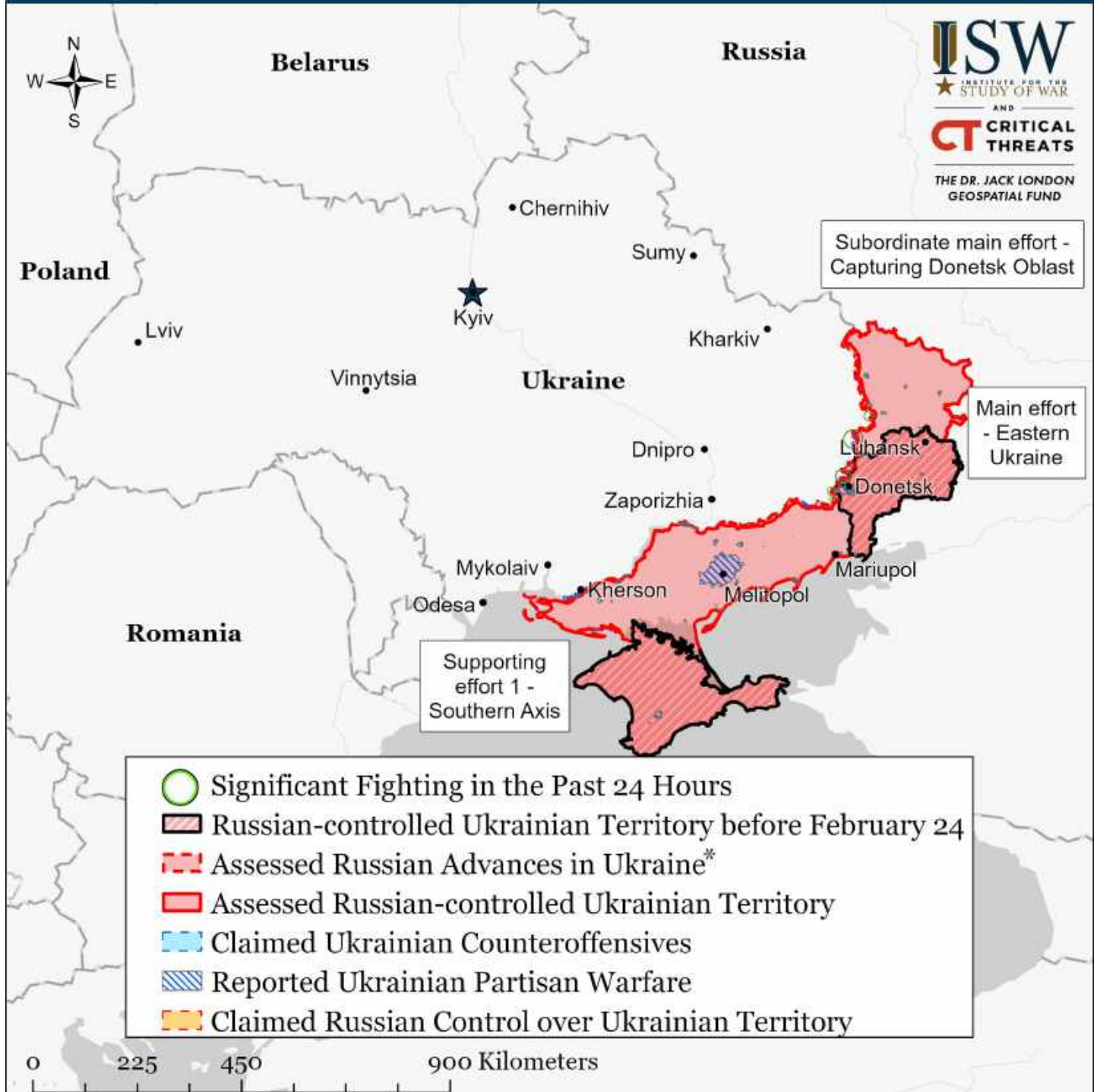


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 12, 2023, 3:00 PM ET

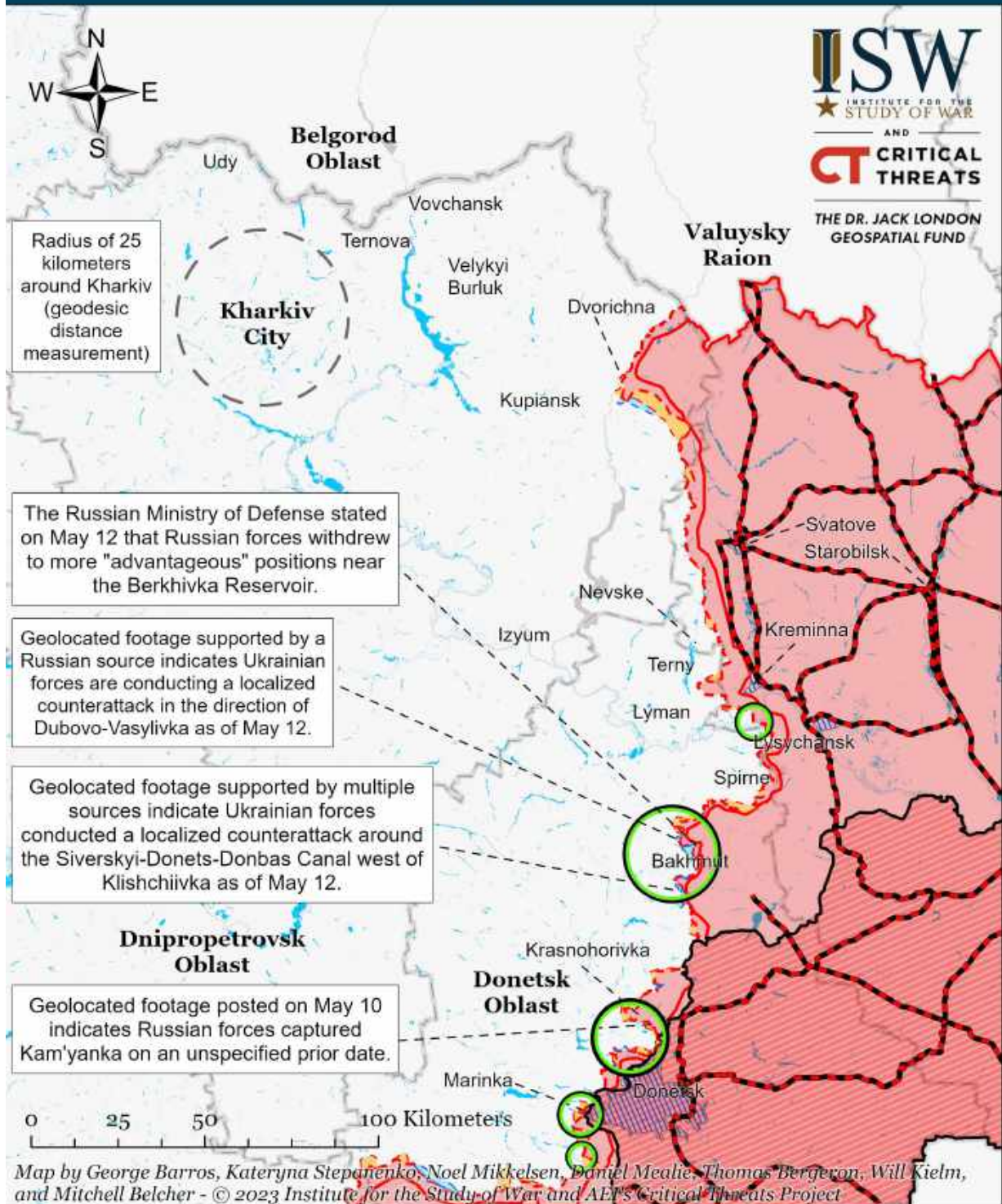


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

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Assessed Control of Terrain Around Kharkiv as of May 12, 2023, 3:00 PM ET

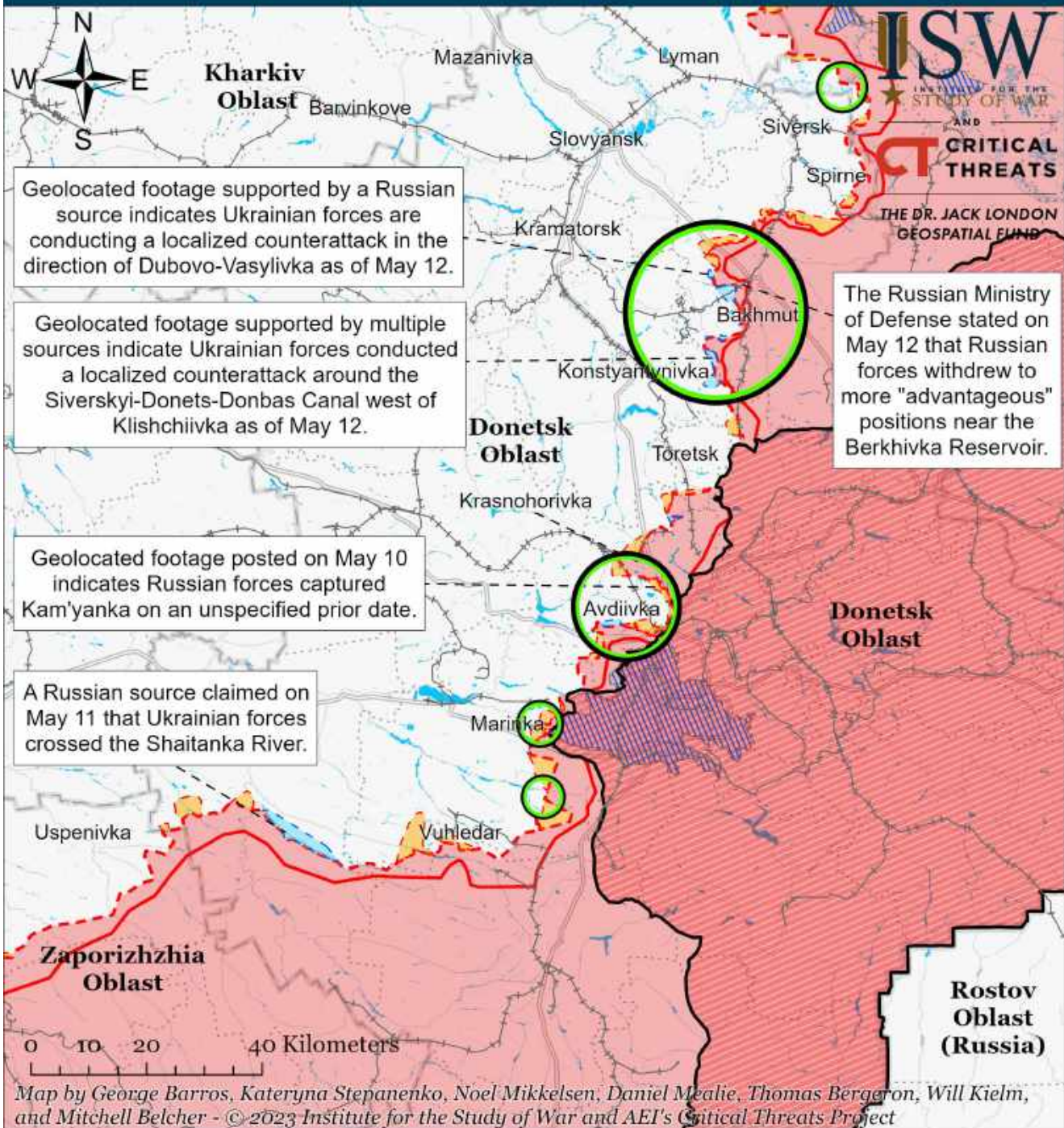


- Significant Fighting in the past 24 Hours
- ▬ Russian Ground Lines of Communication
- ▬ Russian-controlled Ukrainian Territory before February 24
- ▬ Assessed Russian Advances in Ukraine
- ▬ Assessed Russian-controlled Ukrainian Territory*
- ▬ Claimed Russian Control over Ukrainian Territory
- ▬ Claimed Ukrainian Counteroffensives
- ▬ Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 12, 2023, 3:00 PM ET

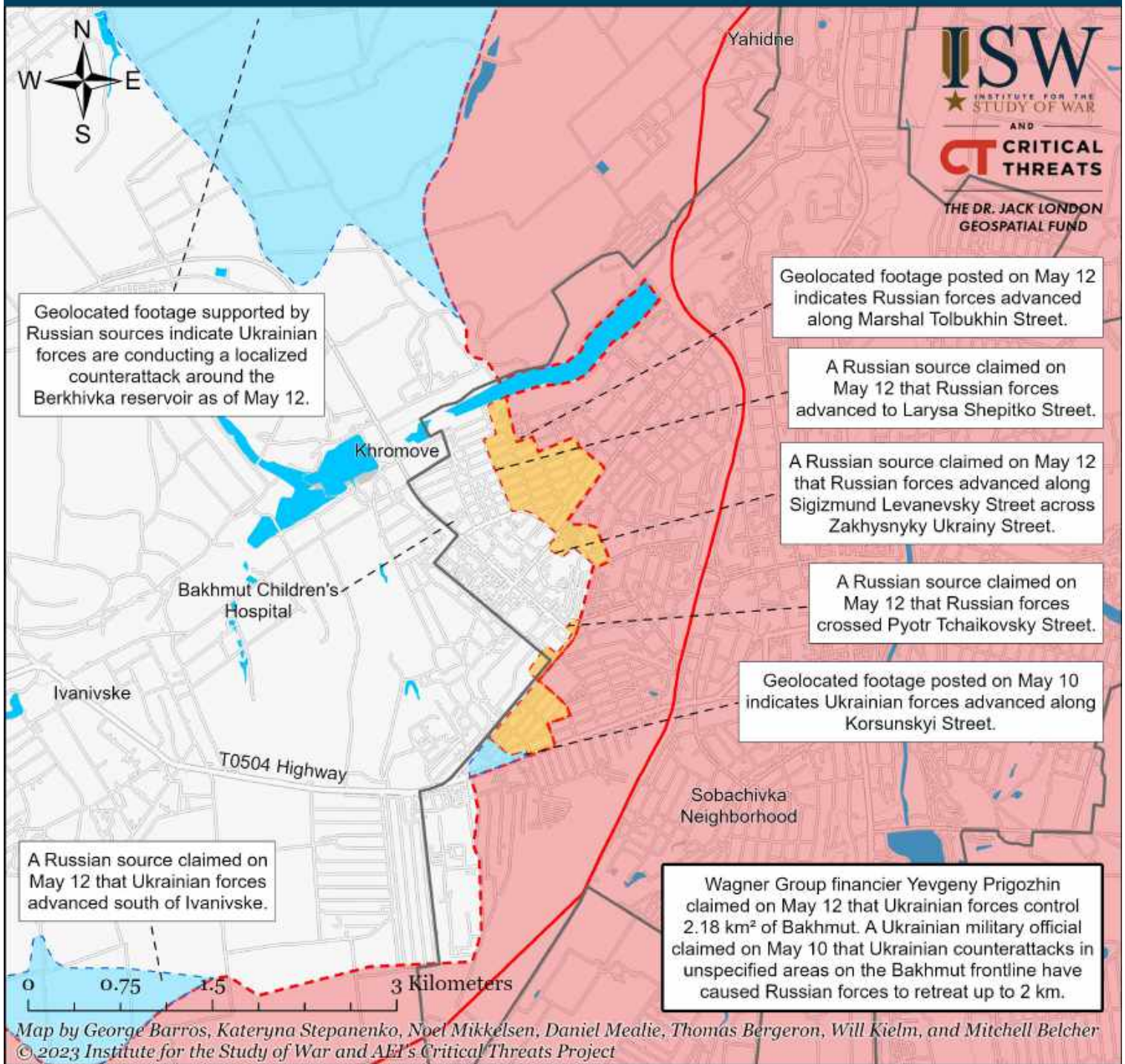


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives
- Major Railroads
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Bakhmut as of May 12, 2023, 3:00 PM ET

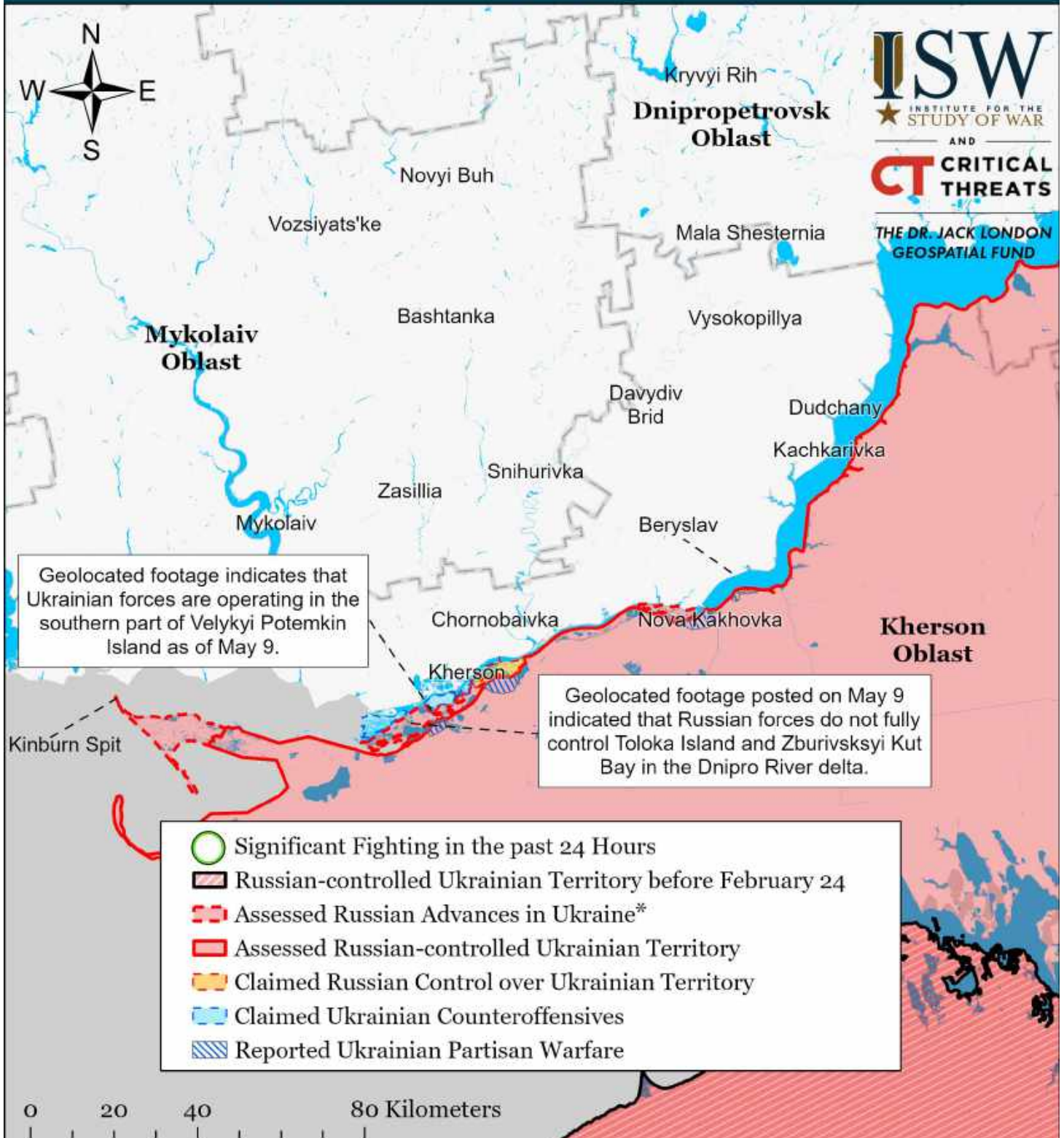


- Bakhmut City Limits
- Assessed Russian Advances in Ukraine*
- Assessed Russian-controlled Ukrainian Territory
- Claimed Russian Control over Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kherson and Mykolaiv as of May 12, 2023, 3:00 PM ET

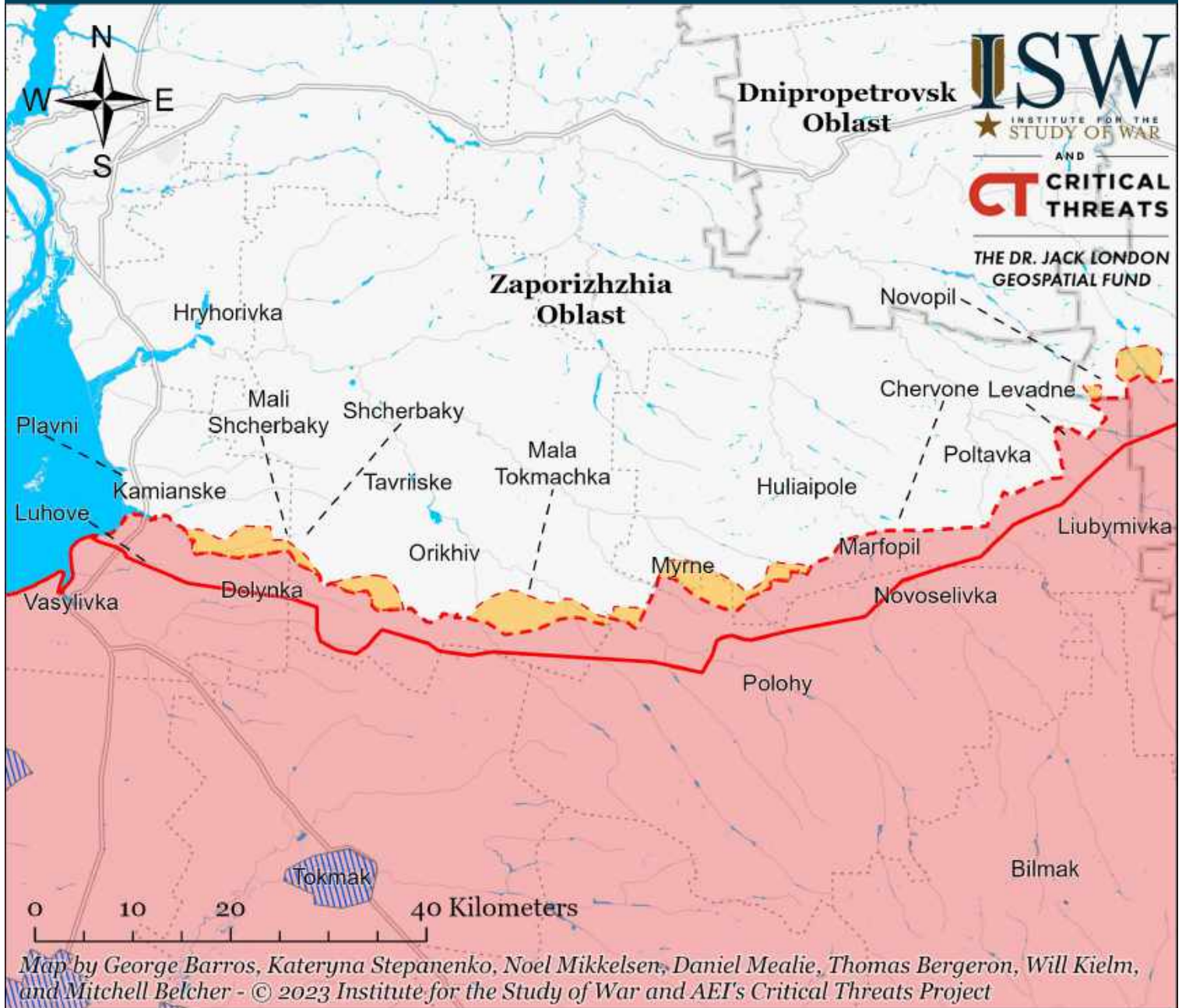


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Zaporizhia as of May 12, 2023, 3:00 PM ET



- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 11, 2023, 3:00 PM ET

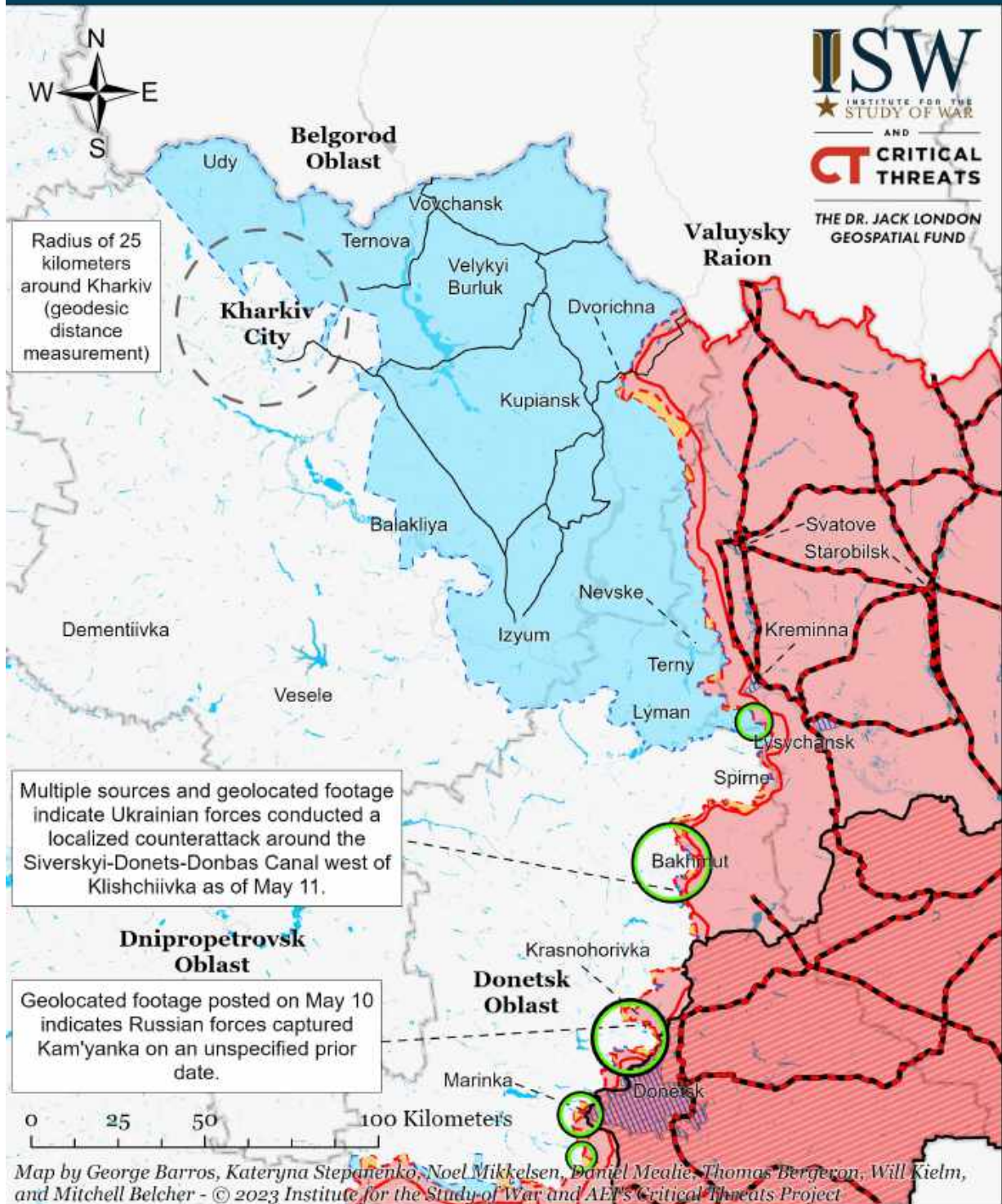


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

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Assessed Control of Terrain Around Kharkiv as of May 11, 2023, 3:00 PM ET

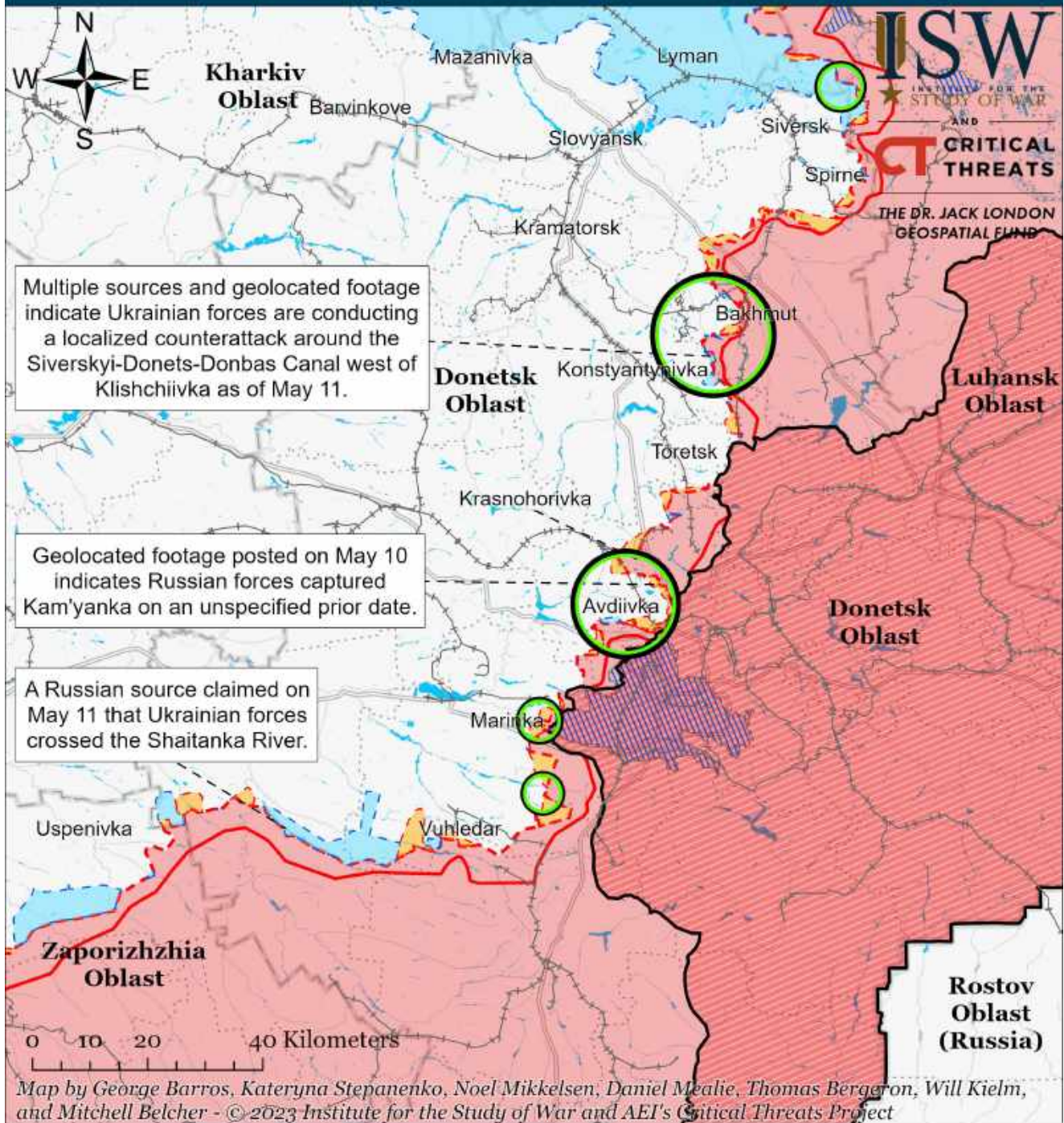


- Significant Fighting in the past 24 Hours
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Key Ukrainian Roads
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives
- Russian Ground Lines of Communication
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 11, 2023, 3:00 PM ET

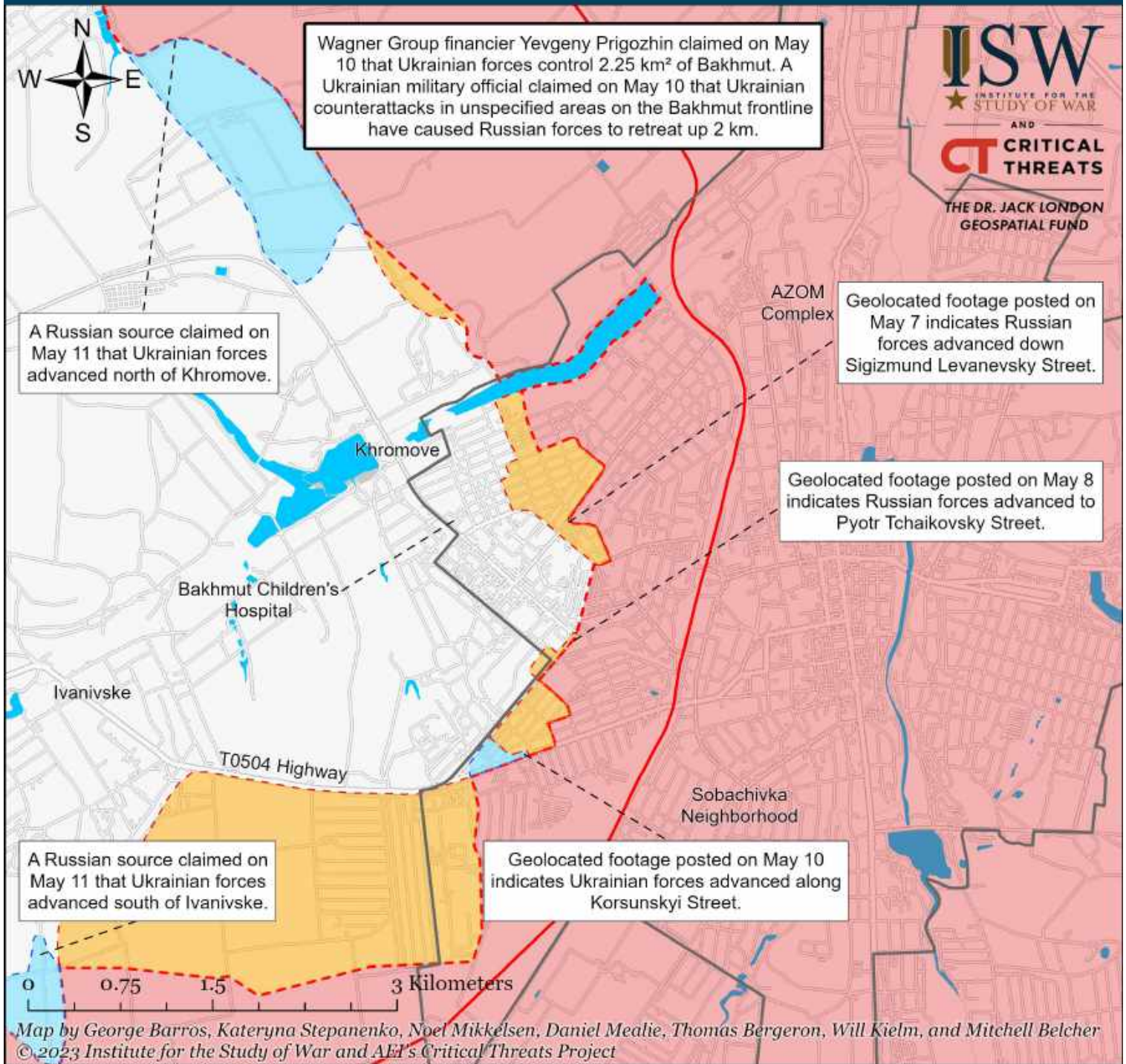


Significant Fighting in the past 24 Hours	Assessed Russian-controlled Ukrainian Territory	Major Railroads
Russian-controlled Ukrainian Territory before February 24	Claimed Russian Control over Ukrainian Territory	Reported Ukrainian Partisan Warfare
Assessed Russian Advances in Ukraine	Claimed Ukrainian Counteroffensives	

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Assessed Control of Terrain in Bakhmut as of May 11, 2023, 3:00 PM ET



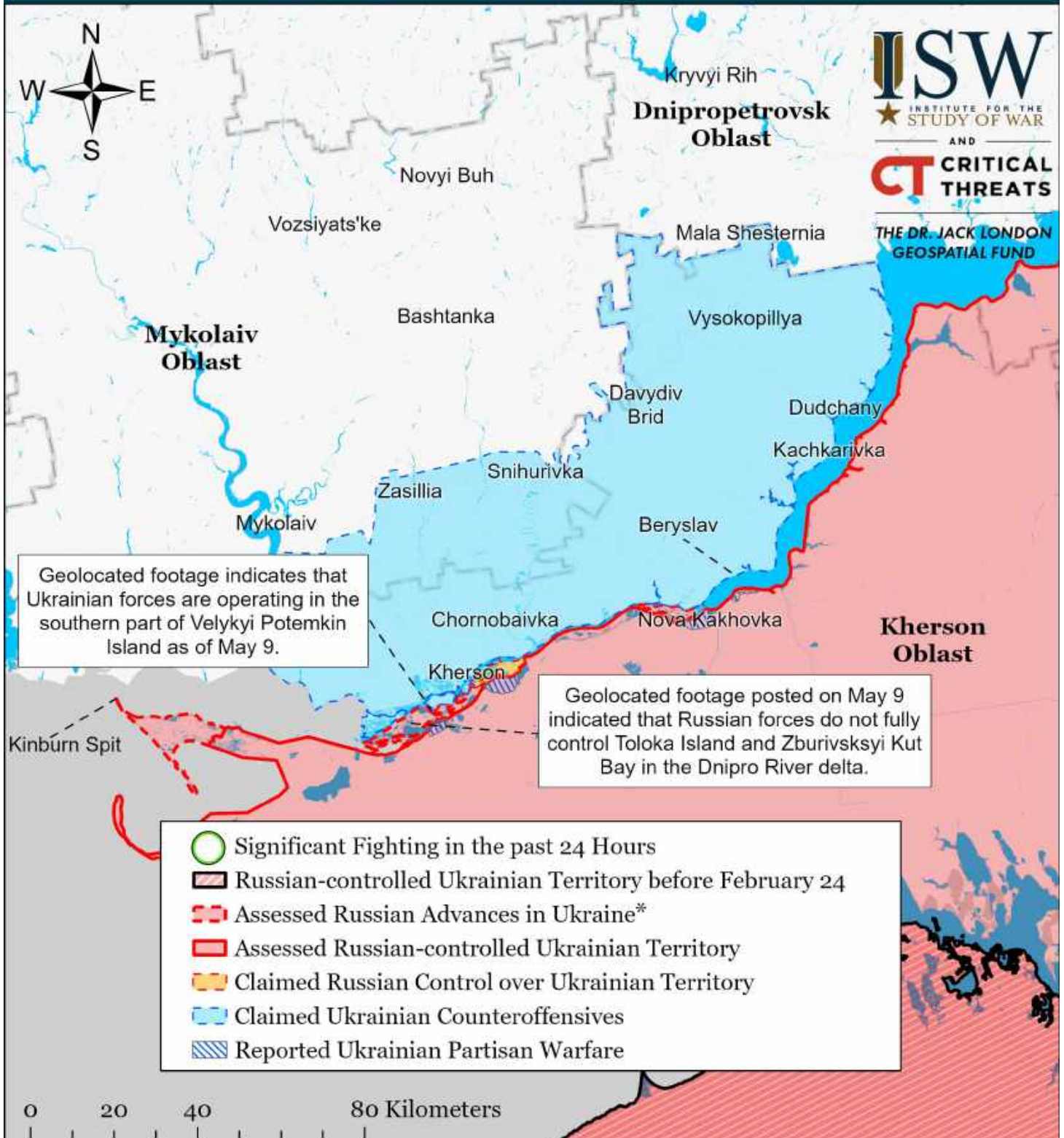
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CT CRITICAL
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 THE DR. JACK LONDON
 GEOSPATIAL FUND

- Bakhmut City Limits
- ▭ Assessed Russian-controlled Ukrainian Territory
- ▭ Claimed Russian Control over Ukrainian Territory
- ▭ Claimed Ukrainian Counteroffensives
- ▭ Reported Ukrainian Partisan Warfare
- ▭ Assessed Russian Advances in Ukraine*

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

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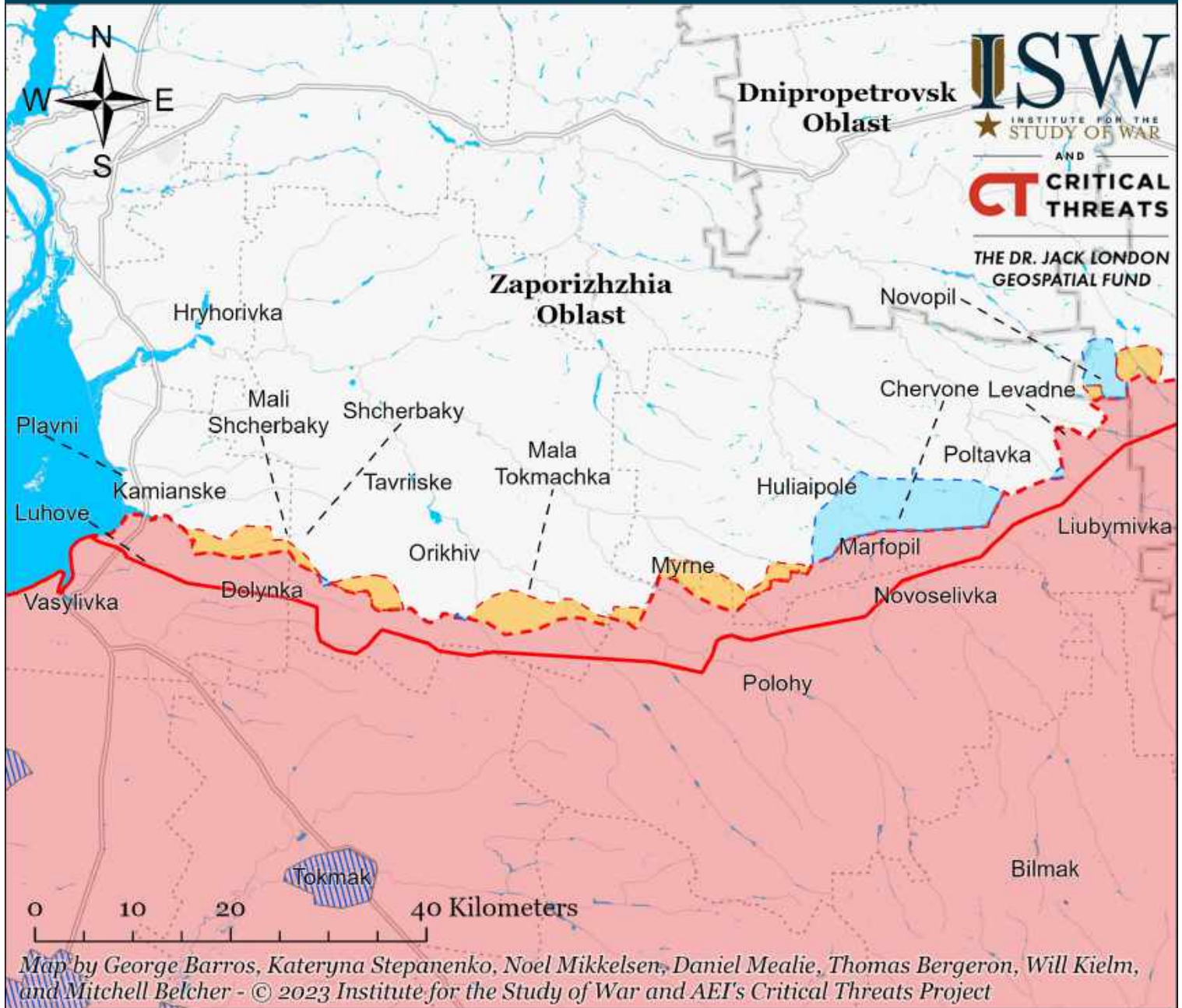


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Zaporizhia as of May 11, 2023, 3:00 PM ET



- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 10, 2023, 3:00 PM ET

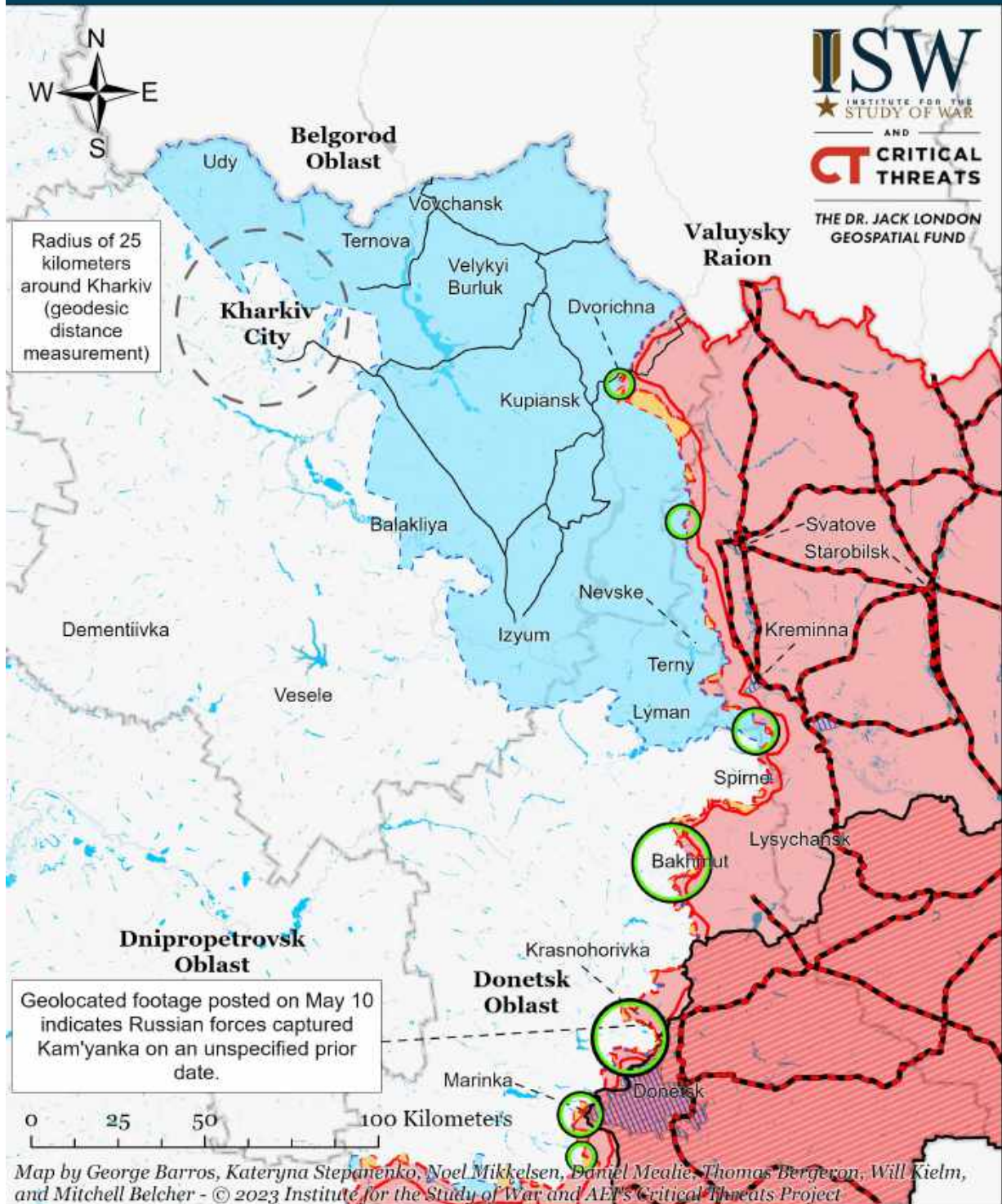


Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

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Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kharkiv as of May 10, 2023, 3:00 PM ET

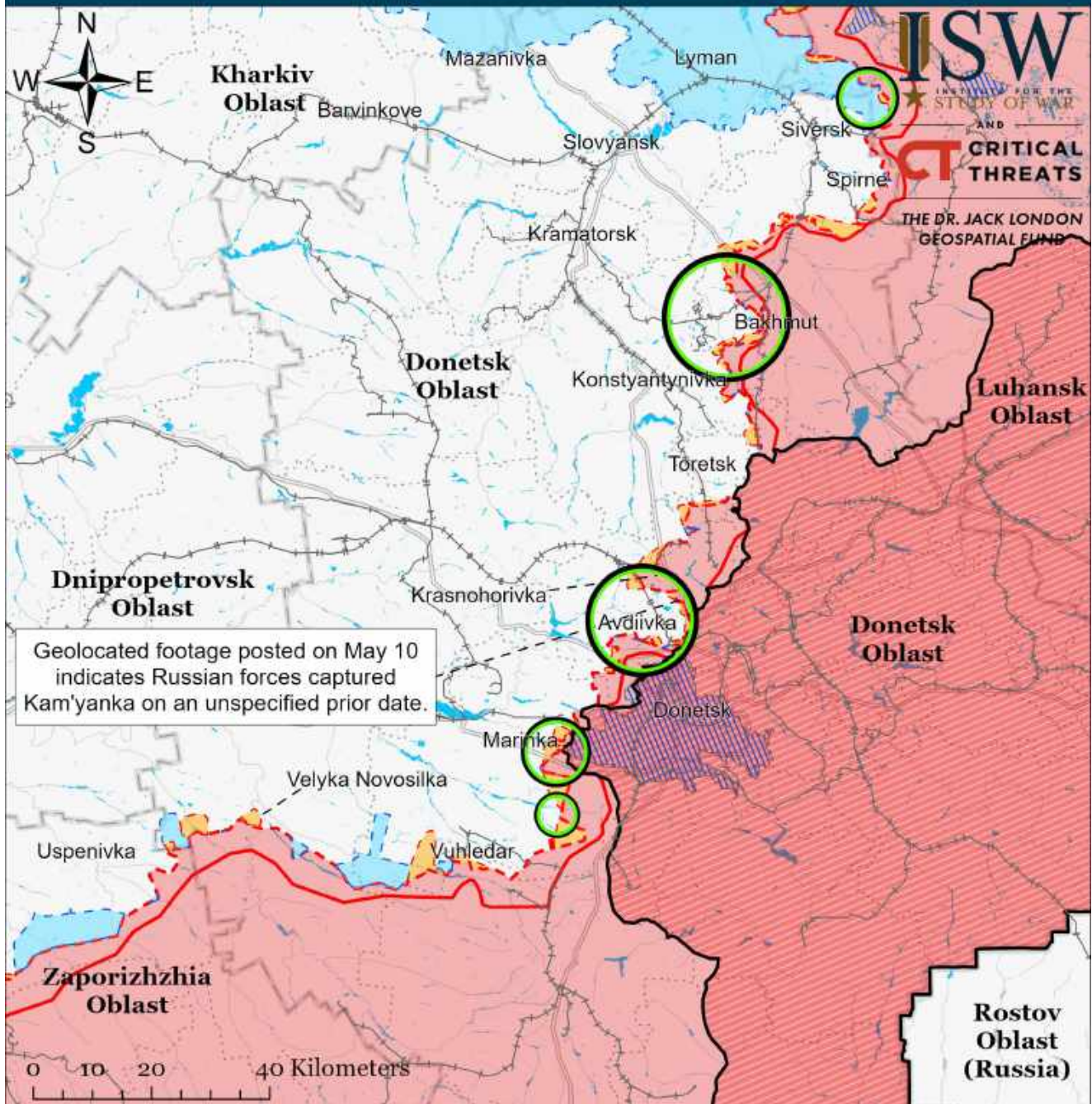


- Significant Fighting in the past 24 Hours
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Key Ukrainian Roads
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives
- Russian Ground Lines of Communication
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 10, 2023, 3:00 PM ET



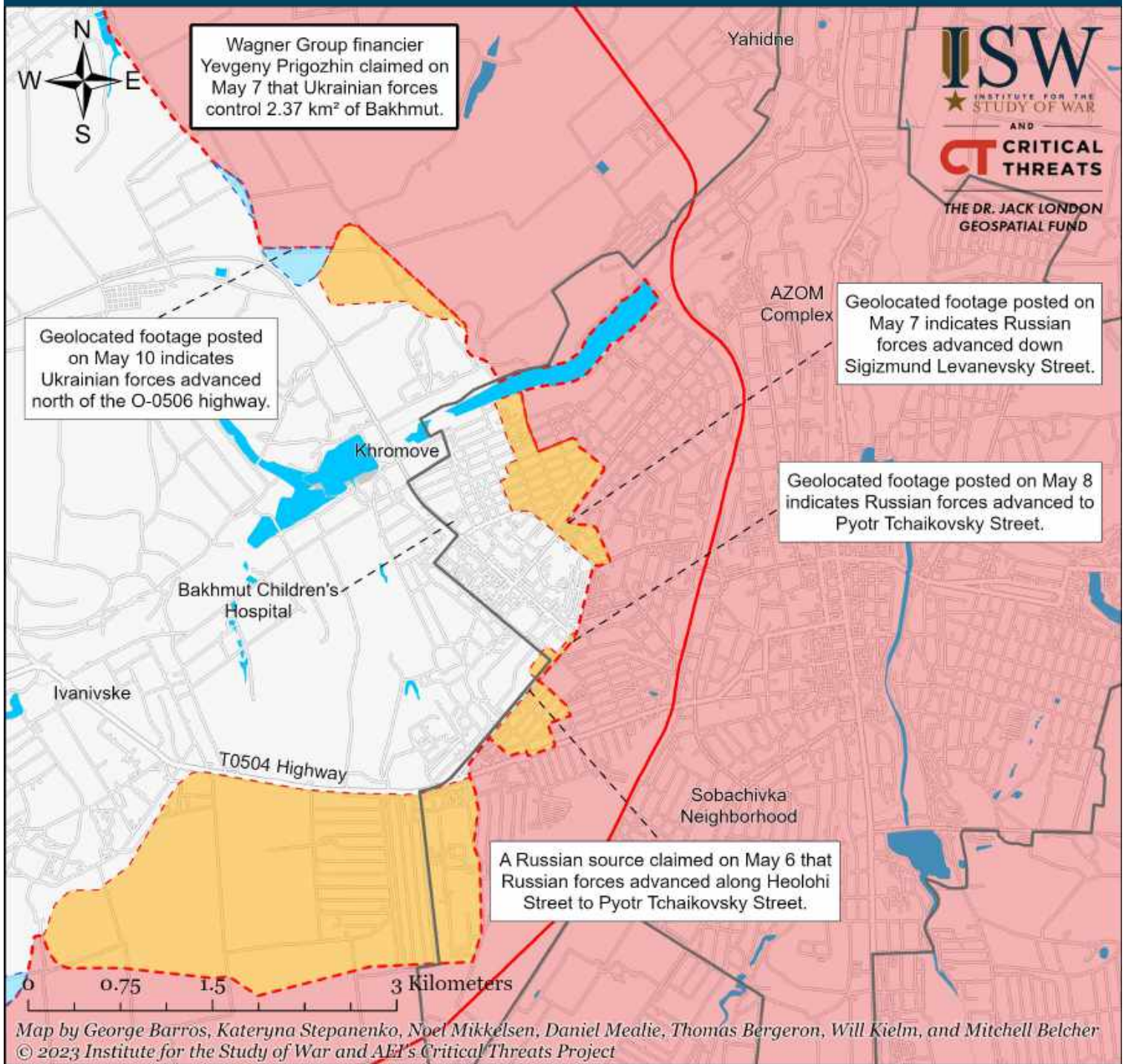
Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

Significant Fighting in the past 24 Hours	Assessed Russian-controlled Ukrainian Territory	Major Railroads
Russian-controlled Ukrainian Territory before February 24	Claimed Russian Control over Ukrainian Territory	Reported Ukrainian Partisan Warfare
Assessed Russian Advances in Ukraine*	Claimed Ukrainian Counteroffensives	

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Bakhmut as of May 10, 2023, 3:00 PM ET

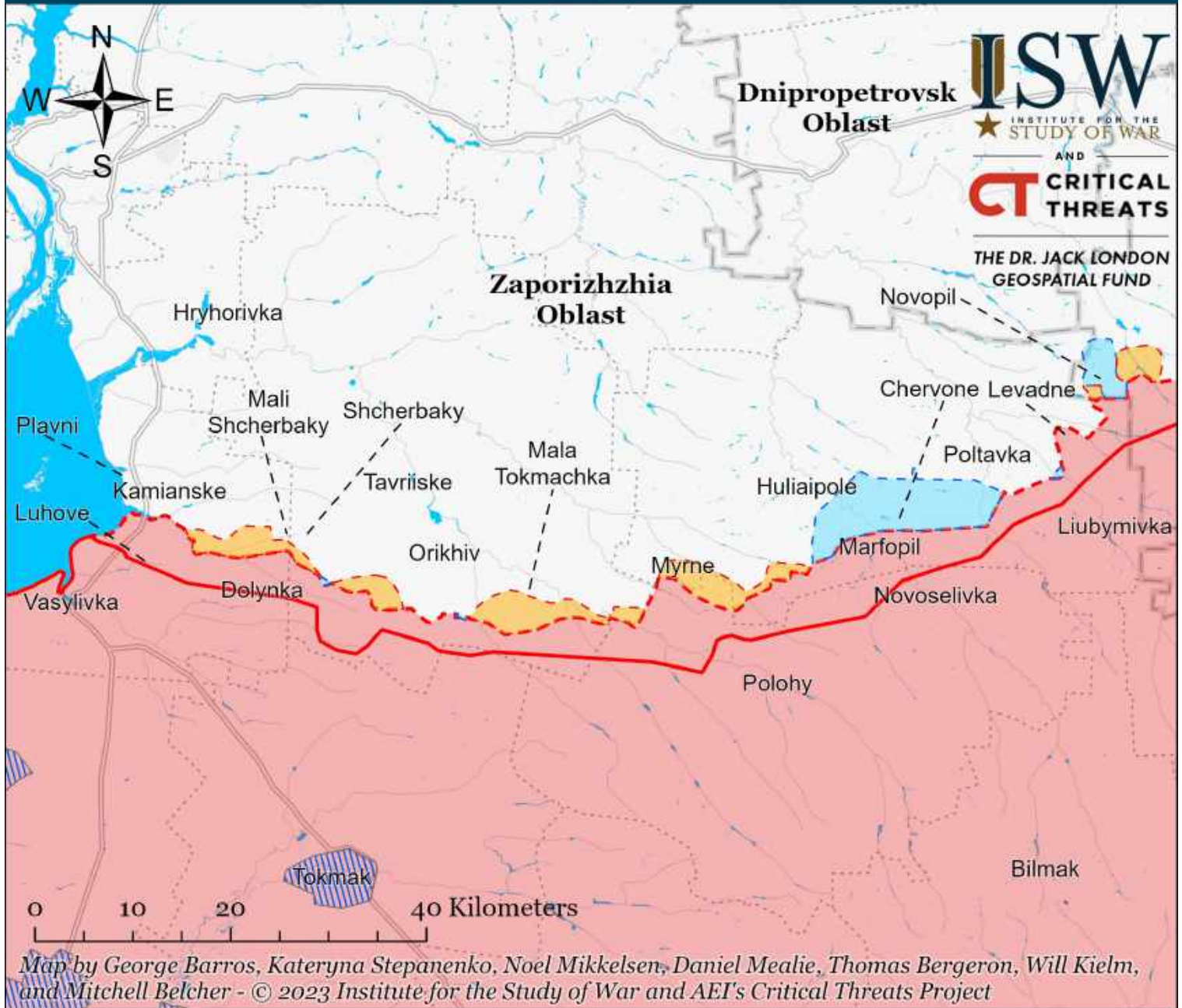


- Bakhmut City Limits
- Assessed Russian-controlled Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Assessed Russian Advances in Ukraine*
- Claimed Russian Control over Ukrainian Territory
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Zaporizhia as of May 10, 2023, 3:00 PM ET

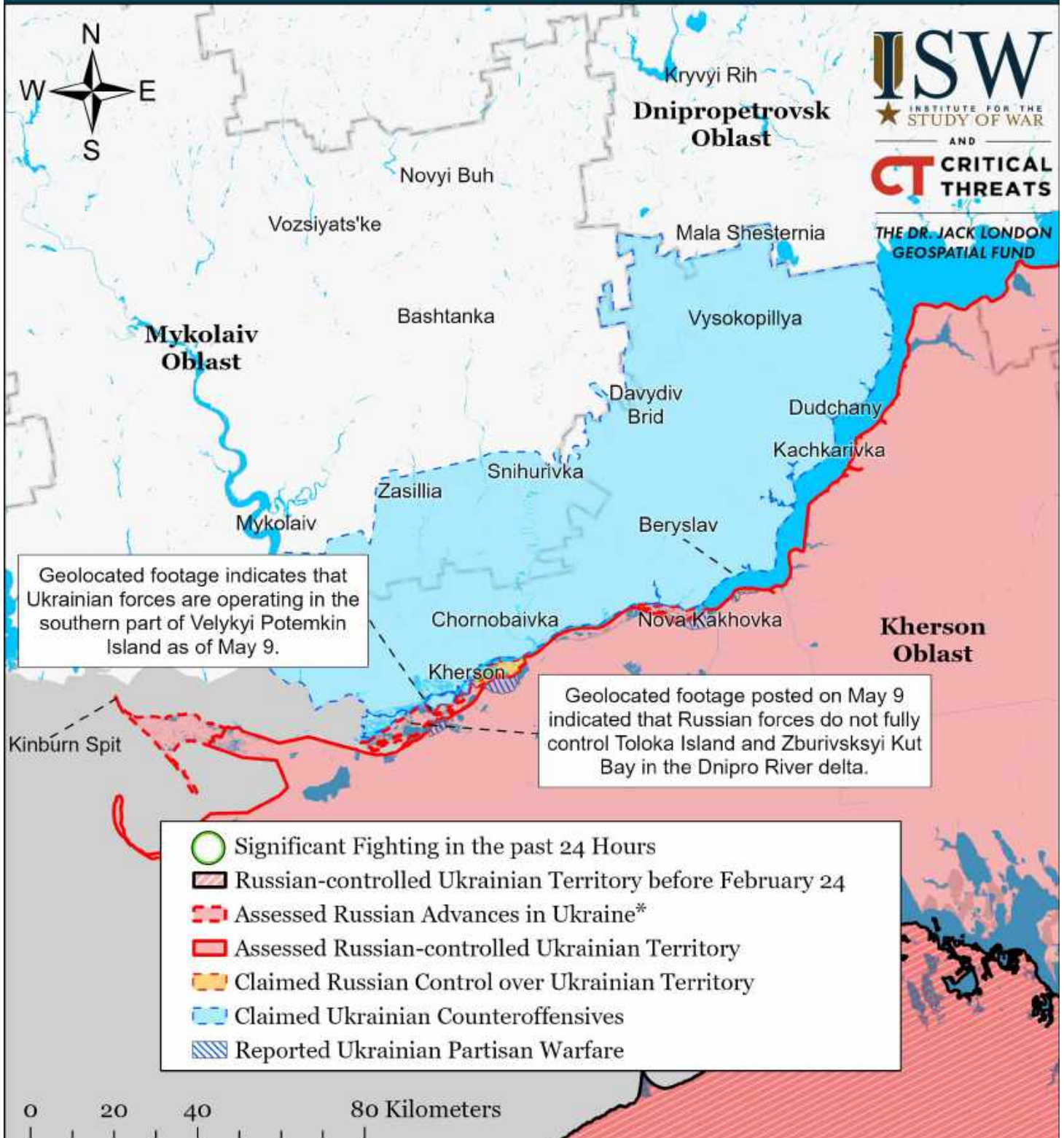


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kherson and Mykolaiv as of May 10, 2023, 3:00 PM ET



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* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of May 9, 2023, 3:00 PM ET



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* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kharkiv as of May 9, 2023, 3:00 PM ET

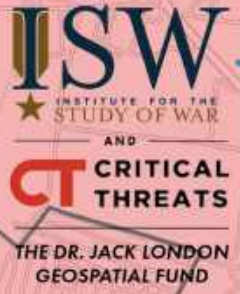
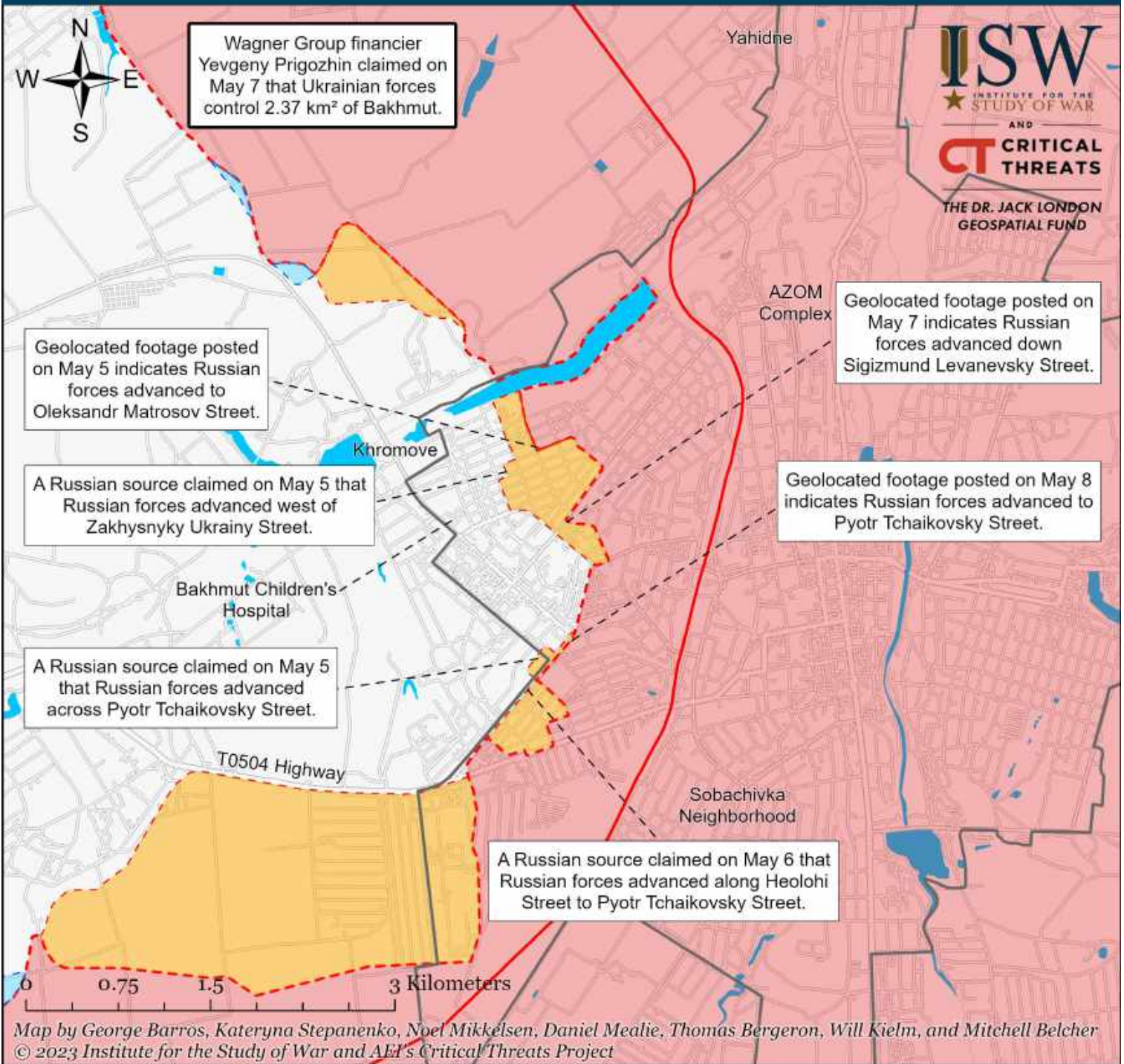


- Significant Fighting in the past 24 Hours
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Key Ukrainian Roads
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives
- Russian Ground Lines of Communication
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain in Bakhmut as of May 9, 2023, 3:00 PM ET

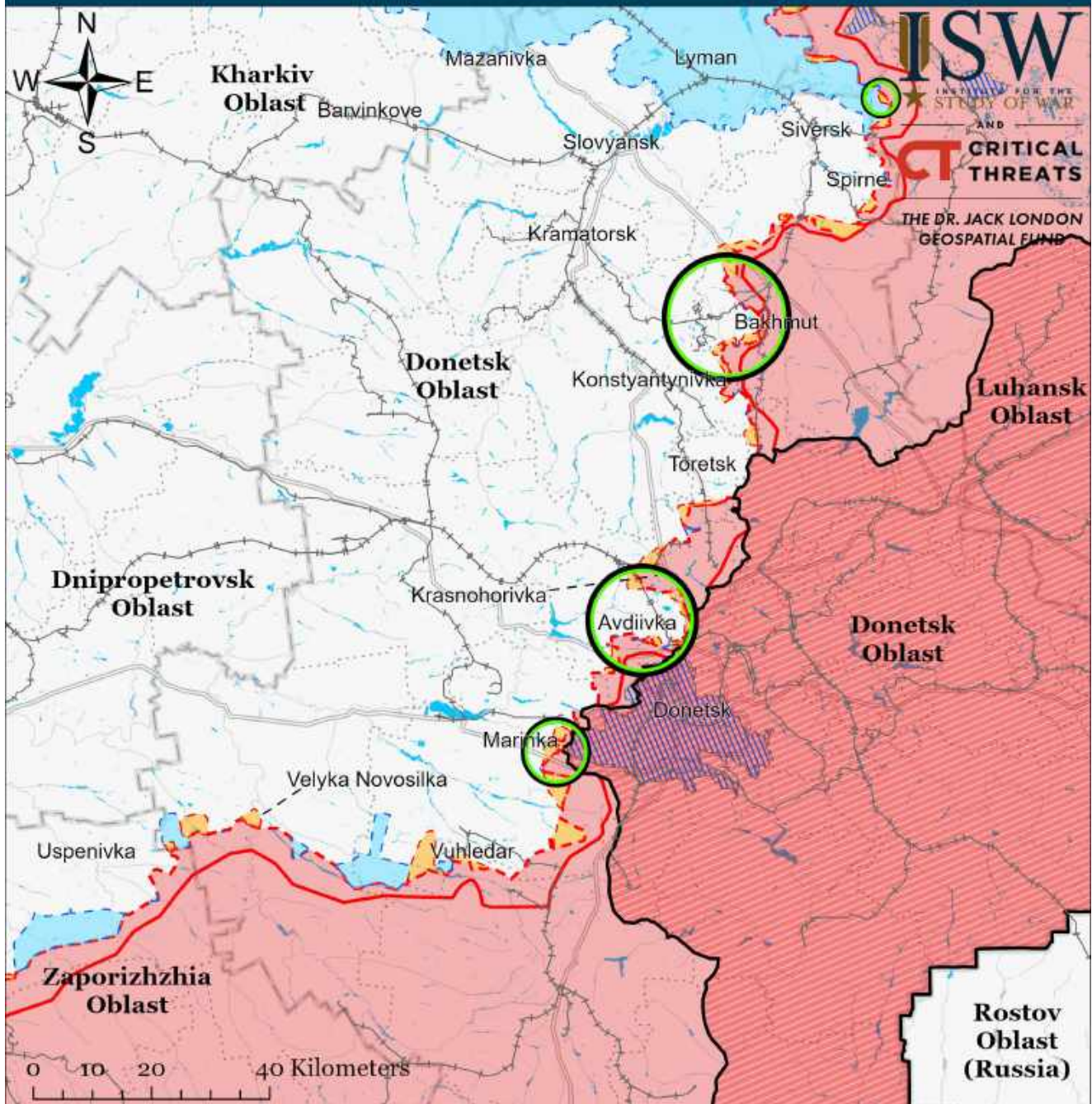


- Bakhmut City Limits
- Assessed Russian-controlled Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Russian Control over Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Reported Ukrainian Partisan Warfare

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Donetsk as of May 9, 2023, 3:00 PM ET



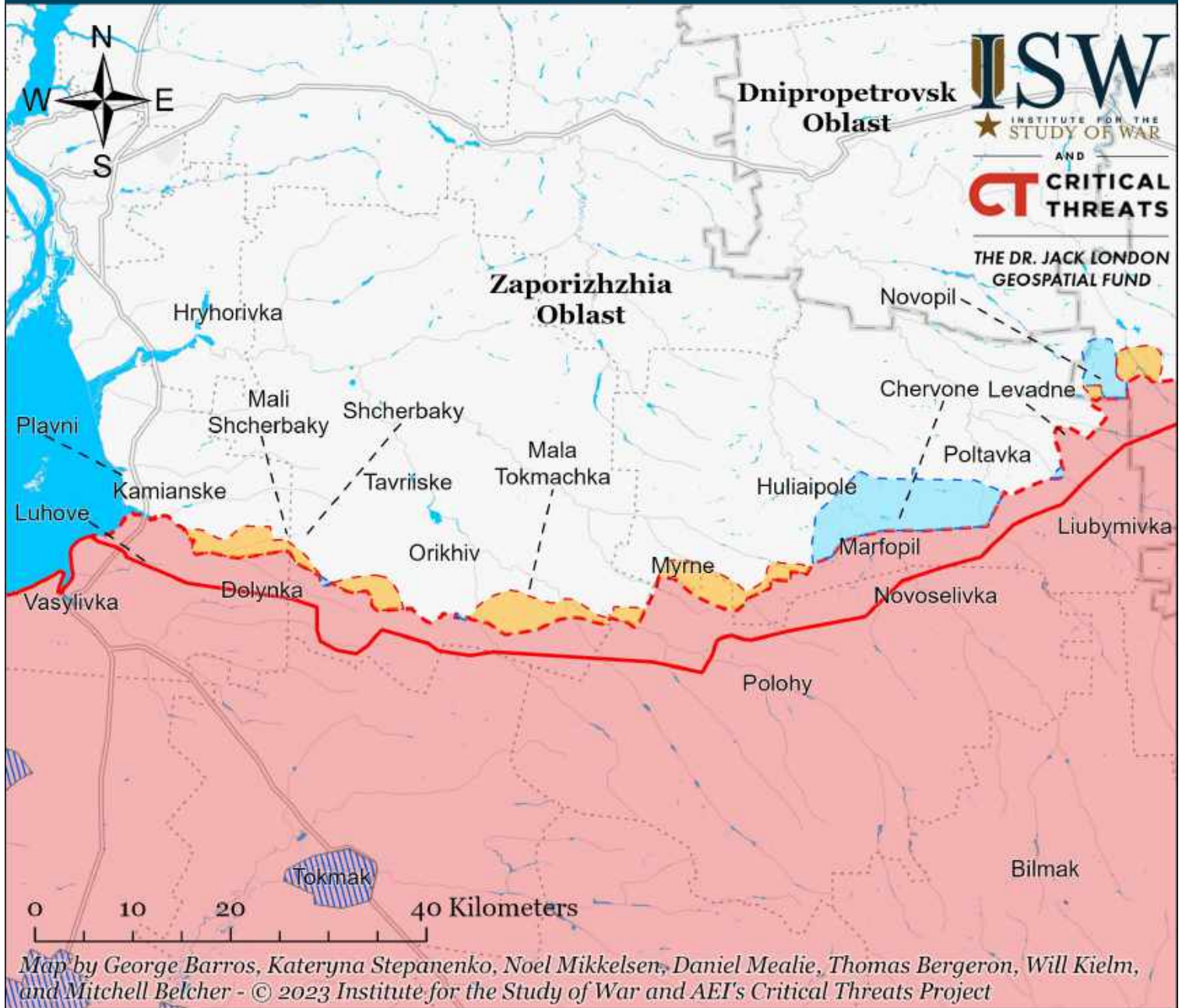
Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

Significant Fighting in the past 24 Hours	Assessed Russian-controlled Ukrainian Territory	Major Railroads
Russian-controlled Ukrainian Territory before February 24	Claimed Russian Control over Ukrainian Territory	Reported Ukrainian Partisan Warfare
Assessed Russian Advances in Ukraine*	Claimed Ukrainian Counteroffensives	

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Zaporizhzhia as of May 9, 2023, 3:00 PM ET

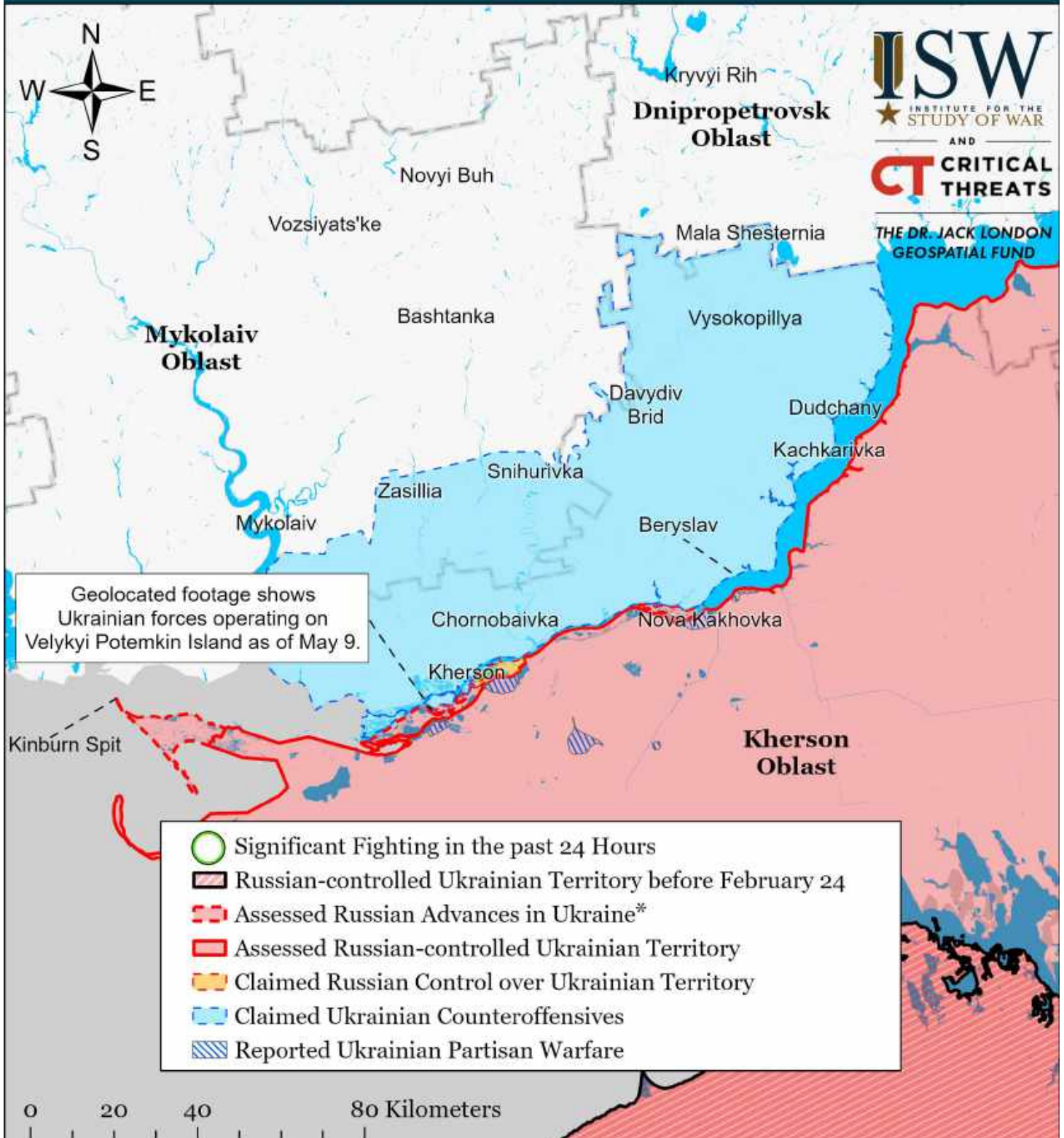


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.

Assessed Control of Terrain Around Kherson and Mykolaiv as of May 9, 2023, 3:00 PM ET



Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, Thomas Bergeron, Will Kielm, and Mitchell Belcher - © 2023 Institute for the Study of War and AEI's Critical Threats Project

* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Note: The Ukrainian counteroffensive layer displays areas previously assigned to the Russian control, Russian advances, or Russian claims layers where ISW now assesses that Ukrainian forces have established a presence beyond a short-term raid. Inclusion of an area on this layer does not imply that ISW assesses that the area is part of any upcoming Ukrainian counteroffensive operation.