

A dark blue map of Eastern Europe and Russia, showing major cities and geographical features. The map is used as a background for the text overlay.

Computer Hacks in the Russia-Ukraine War

Kenneth Geers
Very Good Security

Euromaidan Hacks: 2013-2015

Military: satellites

Politics: election

Infrastructure: electricity

Business: advertising

Social: universities

International: diplomacy

Prepping the Battlespace

2021

6 RU APTs, 8 MW families

Jan 2022

Defacements, WhisperGate,
GRU vs UA/US LNG

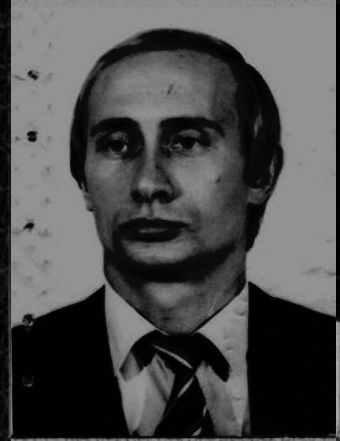
Feb 15-24

GRU DDoS vs UA gov

Ministerrat der Deutschen Demokratischen Republik
Ministerium für Staatssicherheit

Bezirksverwaltung

Dresden



B 217590 *

Putin

Name

Wladimir

Vorname

07.10.1952

Geb. am

Leningrad

Geb.-Ort

Major

Dienstgrad

Dresden, den 31.12.1985

Wladimir Putin

Unterschrift

H-Hour

Feb 23

Wiper, SMS

Feb 24

Wiper, ISP, social

H -1

Viasat



?: Nuke net down before takeover

Mar 1: missile, wiper vs UA media

Mar 3: Sumy blackout, explosions

Mar 15 & 22: new wipers

Mar 19: GRU Industroyer2

Mar 28: Ukrtelecom drops 87%

Jun 27: Killnet DDoS vs Lithuania



H-Hour

Feb 24

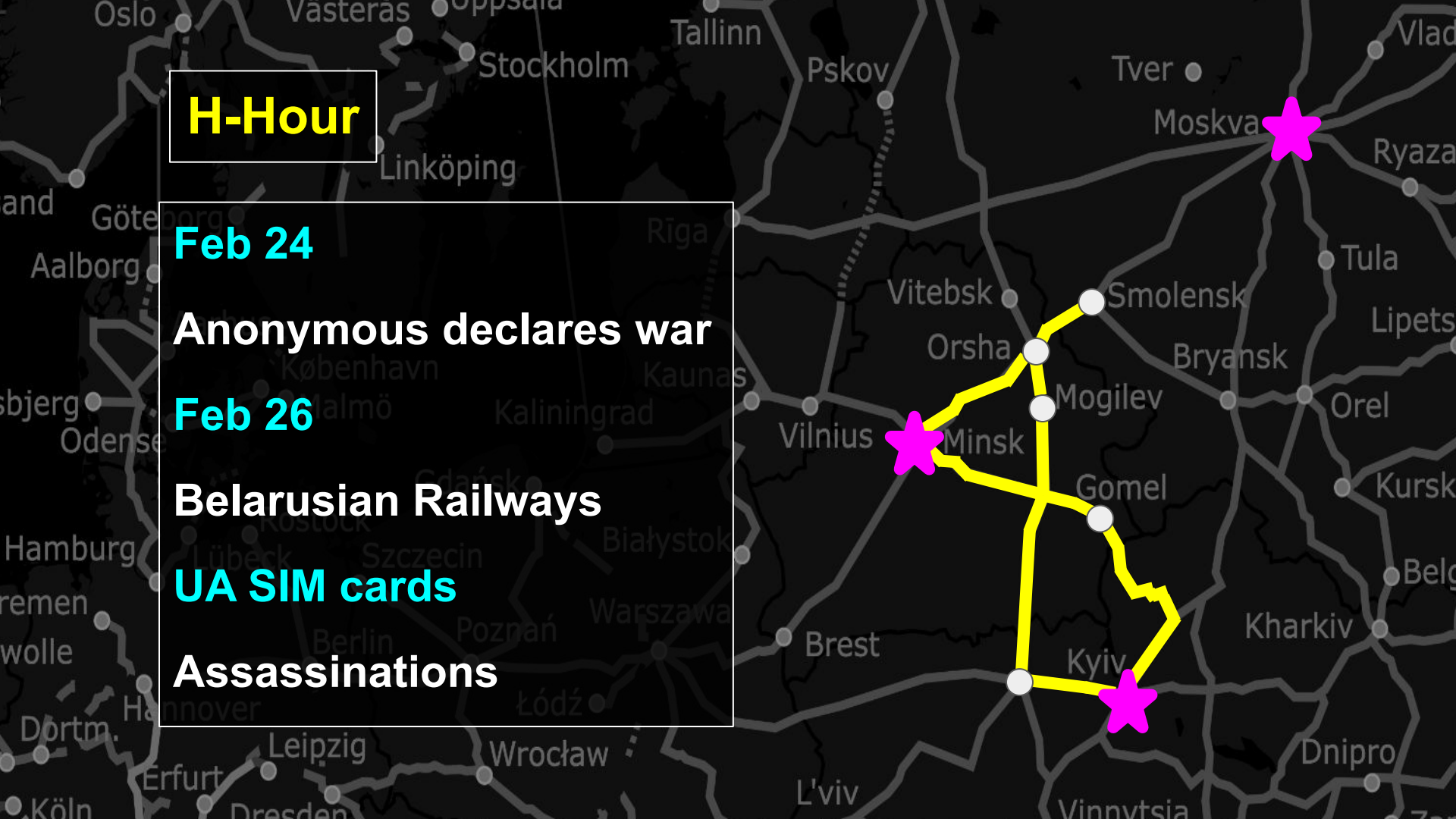
Anonymous declares war

Feb 26

Belarusian Railways

UA SIM cards

Assassinations



Allies

Feb 26: IT ARMY of Ukraine

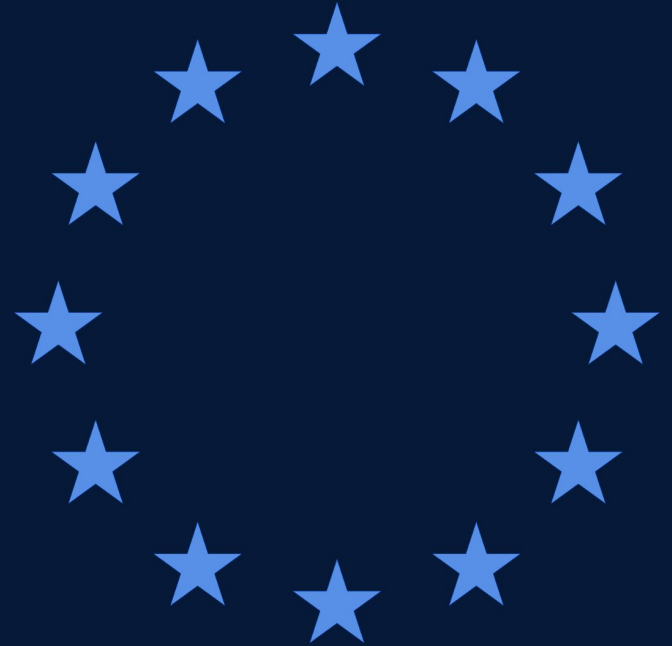
US: FBI/USAID/DOE/DHS/CISA

US Cyber Cmd: UA Cyber Cmd

WH: preemptive removal of RU MW

Dox: DDoSecrets (6M RU/BY)

RU: Belarus, China, Syria, DPRK





Connectivity

Starlink: counter-RU hack

Up: Zelensky, military

June 17: DDoS vs Putin speech

DoS RU: political question

IR: deterrence, arms control

Mid-War Assessment

War: decentralized, networked

CNA: disruptive, not decisive

CND: better deterrence

Cyber power: soft power

Connectivity: resilient

Attribution: quick, accurate

Cloud: back it up

Russia: bleeding hackers



Questions

Russia

Limited by CNA or CND?

Ukraine

Info Ops beat CNO?

Allies

Can diplomacy hold?

What else?



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