

TU BERLIN cooperates with

WEAPONS MANUFACTURER

ThyssenKrupp Marine Systems on a u-boat project

the **AUTONOMOUS WEAPON SYSTEM**

"HUNTER-KILLER"



MUM-Project

- Modifiable Underwater Mothership is officially presented as a system for “civilian” marine engineering and research purposes
- First ever fully modular autonomous submarine
- 2022 analysis from the German Aerospace Center (DLR) – a partner in the project
 - *“It can be well imaginable that a module made to carry out civilian activities [...] could be replaced with military modules” ^[1]*
- 35 Mio. € for the entire project from the Federal Ministry of Economy and Climate Action
- TU’s involvement:
 - DesignMUM (2017-2020) – 1st phase, 1.037.137 €
 - MUM2simulate (2021-2025) – 2nd phase, 914.849 €

Undeniable proof

- four-meter functional model “Monique” was developed at TU Berlin in March 2019^[2]
- TKMS Presented the Results of its 'MUM' Modular XLUUV Study on 28 November 2019^[3]
 - Minelaying XLUUV
 - Hunter-Killer XLUUV
 - Scout XLUUV
- Hunter-Killer variant was presented again at UDT (Undersea Defense Technology) in 2023^[4]



Questionable partner

- TKMS developed submarines for Israel with hidden nuclear capabilities^[5]
- The deal involved corruption cases including bribery, money laundering, fraud, breach of trust, and tax offenses. Multiple people were arrested in Israel^[6]
- TKMS supplies military warships that are used in the Gaza genocide^[7]
- TKMS supplies the Egyptian Navy, involved in systematic violence against Egyptians and Palestinians.^[8]

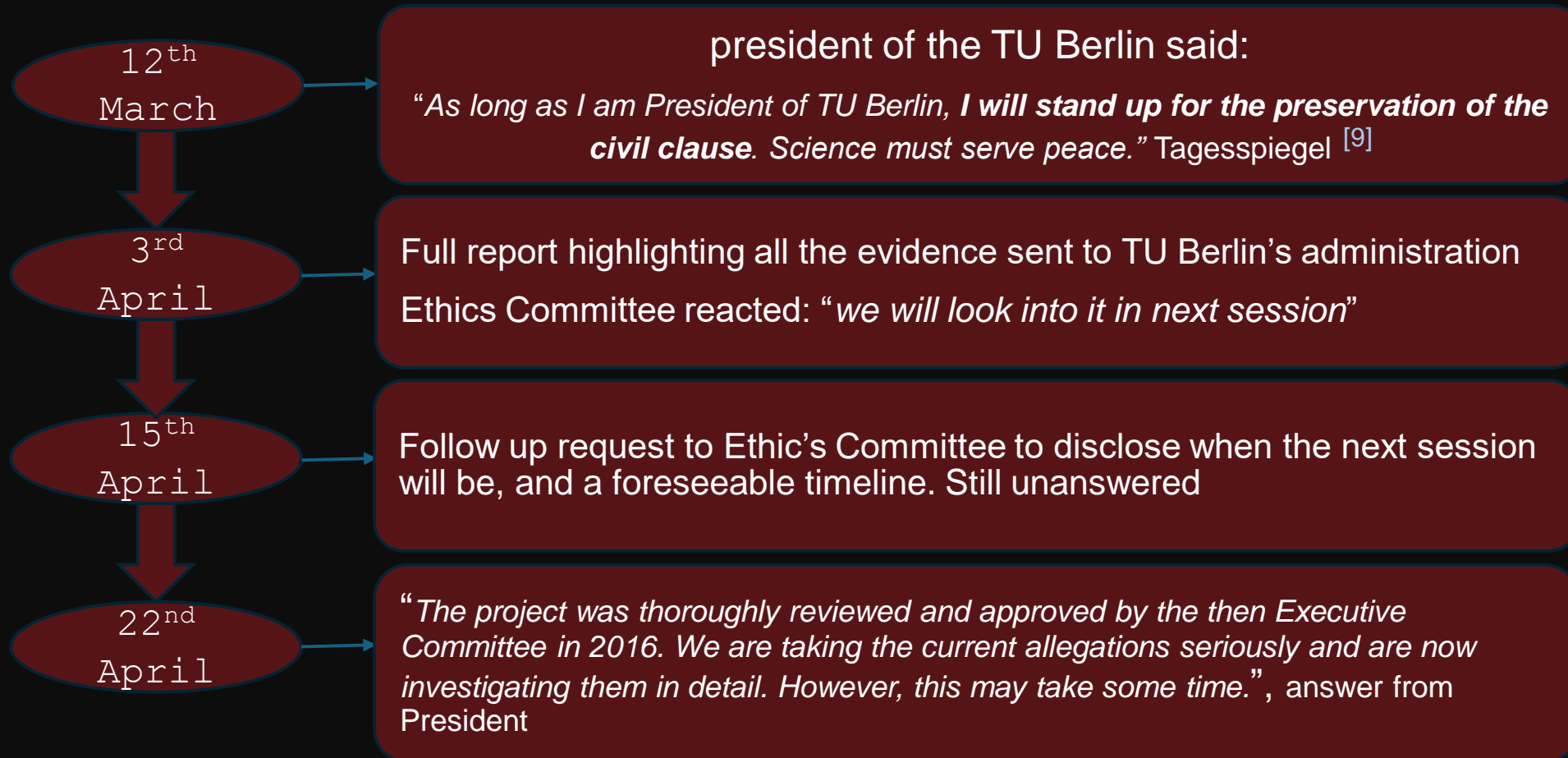
SPIEGEL International

Operation Samson

Israel's Deployment of Nuclear Missiles on Subs from Germany

Many have wondered for years about the exact capabilities of the submarines Germany exports to Israel. Now, experts in Germany and Israel have confirmed that nuclear-tipped missiles have been deployed on the vessels. And the German government has long known about it. By SPIEGEL

TU Berlin's inaction



Our Demands

- Immediately **cease all present and future cooperation with TKMS**. It is an unsuitable partner for Universities that want to adhere to the Civil Clause and peaceful research
- Investigate and **publicly clarify how this breach of the Civil Clause occurred**, including a transparent review of internal ethics procedures and responsible personnel.
- **Strengthen internal mechanisms** to ensure that no research project with military potential can proceed without full and honest evaluation, including **clear and binding protocols for Civil Clause compliance**.

Sources

1. Halog, J., Margat, P., & Stadermann, M. (2022). *Legal challenges for the law of the sea in the light of disruptive technologies: Modular and autonomous submarines*. (PDF) [Legal Challenges for the Law of the Sea in the Light of Disruptive Technologies: Modular and Autonomous Submarines](#)
2. [Modifiable Underwater Mother Ship - TU Berlin](#)
3. [TKMS Presents the Results of its 'MUM' Modular XLUUV Study - Naval News](#)
4. [Tauchend in den Krieg zur See](#)
5. [Israel Deploys Nuclear Weapons on German-Built Submarines - DER SPIEGEL](#)
6. [corruption-tracker.org/case/german-submarine-sales-to-israel](#)
7. [Israeli Navy uses Sa'ar 6-Class corvettes for first live combat against Hamas](#)
8. [Fourth Class 209/1400mod Submarine Officially Handed Over To Egypt - Naval News](#)
9. [„Das Vertrauen der Hochschulen wurde verspielt“: Warum die TU Berlin gegen Kürzungen des Senats klagen will](#)

Full report and used sources can be found here

- [Civil Clause Breach | Notinourname TU Studentcollective](#)