German Navy Fleet Tracker

2020 Annual Report

With a preface by Rear Admiral Christian Bock
Commander Flotilla 1, German Navy & Director, Centre of Excellence for Operations in Confined and Shallow Waters (COE CSW)
Imprint

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All other pictures by Helwin Scharn.

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Edited by Henrik Schilling & Sebastian Bruns

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German Navy Fleet Tracker
Year 2020 review

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German Navy Fleet Tracker on Facebook: @Institut für Sicherheitspolitik
and on Twitter: @SeapowerSeries
Out of sight, out of mind. That the navy operates beyond the horizon is a boon and a curse at the same time. On one hand, the appeal of far away seas is still key to attract the daring and adventurous to join the navy’s ranks. On the other hand, the significance of the maritime domain for virtually all aspects of our everyday life is too far away for most people. The consequence is sea blindness, the obliviousness to all things maritime, and particularly maritime security. Since its inception the ISPK has set out to bring light into this darkness by providing astute analysis and encouraging discourse. The German Navy Fleet Tracker contributes yet another aspect by highlighting the actual activities of the German Navy. It illustrates the versatility and the geographic reach of the German Navy and its operational requirements, ranging from long-term, low-intensity crisis response in the Mediterranean and the Indian Ocean to exercising for high-intensity operations in the north Atlantic. Thus, the Fleet Tracker promises not only to become a go-to for analysts but also to provide decision-makers with a better understanding of the utility and the requirements of a well-balanced fleet.
The concept of the project was initiated by Dr. Sebastian Bruns, Head of the Center for Maritime Strategy and Security (CMSS) at the Institute for Security Policy at Kiel University (ISPK) Germany. The CMSS is continental Europe’s only dedicated maritime strategy and security think tank and focuses on the role of seapower in international relations as well as maritime security and strategy challenges worldwide. The objective was to establish an open-source database about the involvement of the German Navy in national and international operations and exercises. Over the time it therefore became possible to get an overview of German naval operating areas, NATO, EU & UN maritime operations with German participation and major exercises of allies and partner nations. Crucial for the publication of such overviews, is the usage of unclassified data and areas of operation rather than precise
position of the maritime assets. The German Navy Fleet Tracker is, as all work from ISPK’s CMSS, about policy and strategy and not about operational or tactical details.

After several weeks of planning and searching for data, the German Navy Fleet Tracker was born as an open source, unclassified and non-commercial data-set for researchers, political advisers, members of parliaments, the media, members of the German Navy and all persons interested in the German Navy and its assets and operations.

It is published weekly in form of a digital and interactive map that gives an overview of the current operations of every asset of the German Navy. Even more information can get extracted from the overview world-map when using the interactive regional maps displayed with a moving circle over the respective region on the map.

More information about current missions, expeditionary operations, and various other deployments in territorial waters and the near abroad can easily be retrieved.

Not only does the German Navy Fleet Tracker want to make the German Navy more visible for people without access to the sea and therefore less access to the Navy, but also explain, what the German Navy does and thus contribute to a better understanding of the importance of the maritime domain and the naval assets protecting it.

ISPK experts are available via e-mail or telephone to discuss political and strategic details and implications in detail for those who are interested.

The German Navy Fleet Tracker is part of a cooperation between the Deutscher Marinebund, Germany’s largest maritime interest group and the Institute for Security Policy at Kiel University that was launched in early 2020 to advance the understanding of German maritime dependence. The cooperation also serves to bridge the gap between maritime political science and naval history.
German Navy Fleet Tracker
Overview of the German Navy Fleet

The following lists shows the assets of the German Navy in 2020. Many of these have been included in the German Navy Fleet Tracker 2020. Since the Fleet Tracker started in May of 2020 and has been updated throughout the year, some of the assets listed below, may not be included in the statistics all of the time.

The German Navy commissioned another frigate of the “Baden-Württemberg” class (F 125), the “Nordrhein-Westfalen”. Two more F 125s, the “Sachsen-Anhalt” and “Rheinland-Pfalz” are currently undergoing sea trials and shake-up cruises. The Navy has also started to receive its new “Sea Lion” helicopters.

2020 Fleet

<table>
<thead>
<tr>
<th>FRIGATES</th>
<th>10 frigates in total</th>
</tr>
</thead>
<tbody>
<tr>
<td>F 122</td>
<td>FGS Lübeck</td>
</tr>
<tr>
<td>F 123</td>
<td>FGS Brandenburg</td>
</tr>
<tr>
<td></td>
<td>FGS Schleswig-Holstein</td>
</tr>
<tr>
<td></td>
<td>FGS Bayern</td>
</tr>
<tr>
<td></td>
<td>FGS Mecklenburg-Vorpommern</td>
</tr>
<tr>
<td>F 124</td>
<td>FGS Sachsen</td>
</tr>
<tr>
<td></td>
<td>FGS Hamburg</td>
</tr>
<tr>
<td></td>
<td>FGS Hessen</td>
</tr>
<tr>
<td>F 125</td>
<td>FGS Baden-Württemberg</td>
</tr>
<tr>
<td></td>
<td>FGS Nordrhein-Westfalen</td>
</tr>
</tbody>
</table>
### CORVETTES

**5 corvettes in total**

<table>
<thead>
<tr>
<th>K130</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FGS Braunschweig</td>
<td>F 260</td>
</tr>
<tr>
<td>FGS Magdeburg</td>
<td>F 261</td>
</tr>
<tr>
<td>FGS Erfurt</td>
<td>F 262</td>
</tr>
<tr>
<td>FGS Oldenburg</td>
<td>F 263</td>
</tr>
<tr>
<td>FGS Ludwigshafen am Rhein</td>
<td>F 264</td>
</tr>
</tbody>
</table>

### SUBMARINES

**6 submarines in total**

<table>
<thead>
<tr>
<th>212A</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>U 31</td>
<td>S 181</td>
</tr>
<tr>
<td>U 32</td>
<td>S 182</td>
</tr>
<tr>
<td>U 33</td>
<td>S 183</td>
</tr>
<tr>
<td>U 34</td>
<td>S 184</td>
</tr>
<tr>
<td>U 35</td>
<td>S 185</td>
</tr>
<tr>
<td>U 36</td>
<td>S 186</td>
</tr>
</tbody>
</table>

### MINE COUNTERMEASURE

**12 mine countermeasure vessels in total** (drones not included)

<table>
<thead>
<tr>
<th>332</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FGS Fulda</td>
<td>M 1058</td>
</tr>
<tr>
<td>FGS Weilheim</td>
<td>M 1059</td>
</tr>
<tr>
<td>FGS Sulzbach-Rosenberg</td>
<td>M 1062</td>
</tr>
<tr>
<td>FGS Bad Bevensen</td>
<td>M 1063</td>
</tr>
<tr>
<td>FGS Grömitz</td>
<td>M 1064</td>
</tr>
<tr>
<td>FGS Dillingen</td>
<td>M 1065</td>
</tr>
<tr>
<td>FGS Datteln</td>
<td>M 1068</td>
</tr>
<tr>
<td>FGS Homburg</td>
<td>M 1069</td>
</tr>
<tr>
<td>FGS Rottweil</td>
<td>M 1061</td>
</tr>
<tr>
<td>FGS Bad Rappenau</td>
<td>M 1067</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>351 (drones)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Seehund 1 – Seehund 18</td>
<td>(5, 6, 7, 8, 10, 18 included in 2020 statistics)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>352</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FGS Pegnitz</td>
<td>M 1090</td>
</tr>
<tr>
<td>FGS Siegburg</td>
<td>M 1098</td>
</tr>
</tbody>
</table>

### LANDING CRAFT

**1 landing craft in total**

<table>
<thead>
<tr>
<th>520</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>FGS Lachs</td>
<td>L 762</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>510</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(not included in 2020 statistics)</strong></td>
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</table>

<table>
<thead>
<tr>
<th>520</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>(not included in 2020 statistics)</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>520</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(not included in 2020 statistics)</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>520</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(not included in 2020 statistics)</strong></td>
<td></td>
</tr>
</tbody>
</table>
### SUPPLY VESSELS

5 supply vessels in total

<table>
<thead>
<tr>
<th>702</th>
<th>FGS Berlin</th>
<th>A 1411</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FGS Frankfurt am Main</td>
<td>A 1412</td>
</tr>
<tr>
<td></td>
<td>FGS Bonn</td>
<td>A 1413</td>
</tr>
<tr>
<td>704</td>
<td>FGS Spessart</td>
<td>A 1442</td>
</tr>
<tr>
<td></td>
<td>FGS Rhön</td>
<td>A 1443</td>
</tr>
</tbody>
</table>

### TENDER

6 tenders in total

<table>
<thead>
<tr>
<th>404</th>
<th>FGS Elbe</th>
<th>A 511</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FGS Mosel</td>
<td>A 512</td>
</tr>
<tr>
<td></td>
<td>FGS Rhein</td>
<td>A 513</td>
</tr>
<tr>
<td></td>
<td>FGS Werra</td>
<td>A 514</td>
</tr>
<tr>
<td></td>
<td>FGS Main</td>
<td>A 515</td>
</tr>
<tr>
<td></td>
<td>FGS Donau</td>
<td>A 516</td>
</tr>
</tbody>
</table>

### TUGBOATS

10 tug boats in total

<table>
<thead>
<tr>
<th>660</th>
<th>FGS Warnow</th>
<th>Y 1659</th>
</tr>
</thead>
<tbody>
<tr>
<td>720</td>
<td>FGS Fehmarn</td>
<td>A 1458</td>
</tr>
<tr>
<td>722</td>
<td>FGS Wangerooge</td>
<td>A 1451</td>
</tr>
<tr>
<td></td>
<td>FGS Spiekeroog</td>
<td>A 1452</td>
</tr>
<tr>
<td>725A</td>
<td>FGS Vogelsand</td>
<td>Y 816</td>
</tr>
<tr>
<td></td>
<td>FGS Nordstrand</td>
<td>Y 817</td>
</tr>
<tr>
<td></td>
<td>FGS Langeness</td>
<td>Y 819</td>
</tr>
<tr>
<td>725B</td>
<td>FGS Lütje Hörn</td>
<td>Y 812</td>
</tr>
<tr>
<td></td>
<td>FGS Knechtsand</td>
<td>Y 814</td>
</tr>
<tr>
<td></td>
<td>FGS Scharhörn</td>
<td>Y 815</td>
</tr>
</tbody>
</table>

### SPECIAL VESSELS

4 special vessels in total

<table>
<thead>
<tr>
<th>754</th>
<th>FGS Baltrum</th>
<th>A 1439</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FGS Juist</td>
<td>A 1440</td>
</tr>
<tr>
<td>738</td>
<td>FGS Bottsand</td>
<td>Y 1643</td>
</tr>
<tr>
<td></td>
<td>FGS Eversand</td>
<td>Y 1644</td>
</tr>
</tbody>
</table>
RECONNAISSANCE

3 reconnaissance vessels in total

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Vessel Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>423</td>
<td>FGS Alster</td>
<td>A 50</td>
</tr>
<tr>
<td></td>
<td>FGS Oste</td>
<td>A 52</td>
</tr>
<tr>
<td></td>
<td>FGS Oker</td>
<td>A 53</td>
</tr>
<tr>
<td></td>
<td>(not included in 2020 statistics)</td>
<td></td>
</tr>
</tbody>
</table>

BARGES

2 barges in total

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Vessel Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>650</td>
<td>FGS Wische</td>
<td>Y 895</td>
</tr>
<tr>
<td>730</td>
<td>FGS Knurrhahn</td>
<td>Y 811</td>
</tr>
</tbody>
</table>

RESEARCH VESSELS

1 research vessel in total

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Vessel Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>751</td>
<td>FGS Planet</td>
<td>A 1437</td>
</tr>
<tr>
<td></td>
<td>(not included in 2020 statistics)</td>
<td></td>
</tr>
</tbody>
</table>

TRIAL VESSELS

4 trial vessels in total

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Vessel Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>748</td>
<td>FGS Kronsort</td>
<td>Y 861</td>
</tr>
<tr>
<td></td>
<td>FGS Helmsand</td>
<td>Y 862</td>
</tr>
<tr>
<td></td>
<td>FGS Mittelgrund</td>
<td>Y 864</td>
</tr>
<tr>
<td></td>
<td>FGS Breitgrund</td>
<td>Y 866</td>
</tr>
</tbody>
</table>

SECURING VESSELS

4 securing vessels in total

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Vessel Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>905</td>
<td>FGS Todendorf</td>
<td>Y 835</td>
</tr>
<tr>
<td></td>
<td>FGS Putlos</td>
<td>Y 836</td>
</tr>
<tr>
<td></td>
<td>FGS Baumholder</td>
<td>Y 837</td>
</tr>
<tr>
<td></td>
<td>FGS Münster</td>
<td>Y 839</td>
</tr>
</tbody>
</table>

AIRCRAFT

<table>
<thead>
<tr>
<th>Aircraft Type</th>
<th>Quantity</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrol and anti-submarine</td>
<td></td>
<td>Lockheed P-3C “Orion”</td>
</tr>
<tr>
<td>Pollution control</td>
<td></td>
<td>Dornier Do-228NG (not included in 2020 statistics)</td>
</tr>
<tr>
<td>SAR</td>
<td></td>
<td>Westland Mk. 41 “Sea King” (not included in 2020 statistics)</td>
</tr>
<tr>
<td>Anti-submarine and h/c</td>
<td></td>
<td>Westland Mk. .88A “Sea Lynx”</td>
</tr>
<tr>
<td>SAR</td>
<td></td>
<td>NH90 NTH “Sea Lion”</td>
</tr>
</tbody>
</table>

XCr: Manned by a civilian crew.
The German Navy operates in national and in international waters in the Western hemisphere, by and large. Expeditionary operations under UN, EU, or NATO mandate require parliamentary approval. Training, exercises, and Standing NATO Maritime Group participation are exempt from this. The main operating areas of the German Navy can be found at the official website of the German Bundeswehr. www.bundeswehr.de/de/organisation/marine

As displayed, the most common operating areas are the Baltic and North Sea, as well as the Mediterranean and the Horn of Africa/Western Indian Ocean. Apart from these areas, the German Navy takes part in exercises or missions especially on Europe’s Northern flank (the North Atlantic & the Norwegian Sea). More details about the missions and exercises conducted in 2020 can be found in the next chapter.
Most of the missions displayed at the chart on the last page, are long term missions, such as the participation in one of the four NATO Standing Maritime Groups. Apart from these missions, the German Navy takes part in multiple shorter exercises with its allies around the world which can also be found in this chapter.

**Missions**

**SNMG 1 & SNMG 2**

The Standing NATO Maritime Groups 1 & 2 are part of the fast response teams of NATO. **SNMG 1** is mostly operating in the North Sea and the Atlantic Ocean while SNMG 2 is operating in the Mediterranean Sea. **SNMG 2** is also patrolling at the Aegean region from time to time. The German Navy has been participating at SNMG 1 for several weeks with auxiliary vessels (tankers, tenders) as well as an helicopter on board a Portuguese frigate. In 2020, it was permanently participating in SNMG 2 and providing the command platform for NATO AEGEAN ACTIVITY using a Berlin-class fast combat support ship which was later relieved by a frigate. The AEGEAN ACTIVITY is conducted by a task unit of the task group SNMG 2.

**SNMCMG 1 & SNMCMG 2**

The Standing NATO Mine Countermeasures Maritime Groups 1 & 2 are part of NATOs approach for mine warfare and the detection and removal of dumped ammunition/unexploded ordinance. The operating areas are similar to the ones above. The German Navy provided one minehunter to SNMCMG 2 in February which was later reassigned to SNMCMG 1. It has been present at SNMCMG 1 for most of the year with at least one mine countermeasures (MSM) vessel at a time as well as an auxiliary vessel.
ATALANTA

EU NAVFOR ATALANTA is a mission of the European Union to protect the World Food Programme (WFP) at the Horn of Africa and secure the important waterways against piracy. The German Navy has been present at the mission with a P-3C Maritime Patrol Aircraft (MPA) for most of the year.

IRINI

EUNAVFOR MED IRINI is a mission of the European Union to effectively monitor the UN arms embargo against Libya in the Mediterranean Sea. The German Navy has supported the mission since its beginning in April of 2020 with a patrol aircraft and thereafter a frigate with two onboard helicopters.

UNIFIL

The United Nations Interim Force in Lebanon is an observer mission since 1978. The mission has a land and maritime based part at which the German Navy has been present since 2006, its inception. In 2020, the German Navy provided a corvette at any one time, also conducting a relief mission after the catastrophic silo explosion in Beirut on 4th August 2020.

Other missions

The German Navy routinely operates with allies and in the national context in areas such as the Baltic Sea, the North Sea, and the North Atlantic. Some of these operations remain classified (such as submarines deployments) and are therefore beyond the scope of this report.

Exercises\(^1\)

OPEN SPIRIT

Mine countermeasures exercise in the Baltic Sea. 1 Auxiliary and 3 Mine Countermeasures vessels of the German Navy

SWENEX

Swedish Exercise taking part in the Baltic Sea and the Skagerak. One replenishment oiler of the German Navy took part with SNMG 1. Sweden sent 15 warships and 80 small boats.

\(^1\) Data collection of exercises & missions started in Week 20 of 2020.
BALTOPS 2020

Annual exercise usually organized by U.S. Naval Forces Europe and held in June at the Baltic Sea. The German Navy sent one maritime patrol aircraft, two helicopters, one frigate, one replenishment oiler, two tenders and two mine countermeasures vessels.

DYNAMIC MONGOOSE

A NATO exercise especially to train anti-submarine warfare in the waters around Iceland. The German Navy sent one submarine to the exercise consisting of five warships, five submarines and five patrol aircrafts.

3 MINE WARFARE SQUADRON SQUADEX

The exercise was conducted by the German Navy in the Baltic Sea and the Norwegian Sea, crossing the Polar Circle with one tender and six mine countermeasures vessels.

Missile Firing Exercise

Annual exercise by the German Navy conducted in Norwegian waters during August and September. Two frigates, one corvette, four helicopters, one patrol aircraft and an auxiliary vessel of the German Navy formed a substantial task group together with one Norwegian frigate.

GEREX

The German Exercise 2020 replaced the Exercise Northern Coast which was cancelled due to Covid-19 restrictions. GEREX operated in the Baltic Sea and consisted of one tender, one submarine, one P-3 C Orion, Sea King and Sea Lynx, one frigate, one minehunter (all from the German Navy) and the vessels of SNMG 1 as well as one warship of the Estonian navy.

Vision 2020

A German Navy Exercise in October which trained anti-submarine warfare. It consisted of one submarine, two frigates, two helicopters, one research vessel and a patrol aircraft.

1 CORVETTE SQUADRON SQUADEX

In November, the German Navy conducted a SQUADEX exercise with one tender and three corvettes.
In this chapter you will find the monthly data of which assets of the German Navy have been part of which mission or exercise. Be aware, that some of the assets and exercises may not have been deployed or going on for a complete month.

For more detailed information, check out the archive of the German Navy Fleet Tracker. The following data is displayed in the corresponding colors that can be found in the classification on the World Map on page 7 and at the online maps of the Fleet Tracker.

**MONTHLY DATA**

The German Navy is currently the smallest it has ever been. Operating with 46 ships (not including the Auxiliary Fleet) is has to meet a wide and differing range of tasks in different geographical areas from the High North over the Baltic and the Mediterranean Seas, as well as the Atlantic Ocean to the Horn of Africa and even the Indian Ocean in the next year. The performance of the German Navy under these circumstances is even more impressive considering the data displayed on the next pages, showing that up to 17 vessels of the German Navy plus two of its six patrol aircrafts where conducting exercises or deployed in missions outside national waters during peak operation times. Including the vessels operating in national waters during that time, a total number of 38 ships were underway during the month of August 2020. Altogether, 62 of the 67² vessels tracked since May 2020 have been underway in the last six months of the last year and thereby made an important contribution to national and allied defense, the security of waterways and the international peace. While the following graphics only show assets deployed in international missions and exercises, you can find all the other vessels, planes and helicopters at the online pages of the German Navy Fleet Tracker at: www.kielseapowerseries.com or following the QR-code.

² The German Navy Fleet Tracker 2021 will track even more vessels
May 2020

**SNMG 1**
- Rhön (A 1443)

**SNMG 2**
- Berlin (A 1411)

**SNMCMG 1**
- Donau (A 516)
- Fulda (M 1058)

**UNIFIL**
- Ludwigshafen am Rhein (F 264)

**ATALANTA**
- P-3 C Orion

**Total assets deployed**
- 8x
- 1x
- 1x

**Other exercises/missions**

**OPEN SPIRIT**
- Donau (A 516) – Datteln (M 1068) – Grömitz (M 1064) – Weilheim (M 1059)

**SWENEX**
- Rhön (A 1443) as part of SNMG 1

**Independent Patrol**
- U 33

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
June 2020

**SNMG 1**
Rhön (A 1443)

**SNMG 2**
Berlin (A 1411)

**SNMCMG 1**
Donau (A 516)
Fulda (M 1058)
Grömitz (M 1064)

**UNIFIL**
Ludwigshafen am Rhein (F 264)

**ATALANTA**
P-3 C Orion

**IRINI**
P-3 C Orion

**Total assets deployed**
9x
3x
1x

**Other exercises/missions**

**BALTOPS**
Lübeck (F 214) – Werra (A 514) – Donau (A 516) – Weilheim (M 1059) – Grömitz (M 1064) – P-3 C Orion

**DYNAMIC MONGOOSE**
U 36

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
July 2020

SNMG 1

SNMG 2
Berlin (A 1411)

SNMCMG 1

UNIFIL
Ludwigshafen am Rhein (F 264)

ATALANTA

IRINI
P-3 C Orion

Total assets deployed
2x
1x
1x

Other exercises/missions

DYNAMIC MONGOOSE
U 36

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
August 2020

**SNMG 1**

- Spessart (A 1442)

**SNMG 2**

- Berlin (A 1411)

**SNMCMG 1**

- Grőmitz (M 1064)

**UNIFIL**

- Ludwigshafen am Rhein (F 264)

**ATALANTA**

**IRINI**

- P-3 C Orion
  - Hamburg (F 220)

**Total assets deployed**

- 17x
- 2x

**Other exercises/missions**

**3 MINE WARFARE SQUADRON SQUADEX**

- Werra (A 514)
- Fulda (M 1058)
- Rottweil (M 1061)
- Weilheim (M 1059)
- Sulzbach-Rosenberg (M 1062)
- Datteln (M 1068)
- Bad Bevensen (M 1063)
- Homburg (M 1069)

**MISSILE FIRING EXERCISE**

- Erfurt (F 262)
- Helmsand (Y 862)
- Lübeck (F 214)
- Mecklenburg-Vorpommern (F 218)
- P-3 C Orion

*Only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
September 2020

**SNMG 1**
- Grömitz (M 1064)

**SNMG 2**
- Brandenburg (F 215)

**SNMCMG 1**
- Ludwigshafen am Rhein (F 264)

**UNIFIL**

**ATALANTA**
- P-3C Orion

**IRINI**
- Hamburg (F 220)
  - 2x Sea Lynx

**Other exercises/missions**

**GEREX**
- Werra (A 514) - Homburg (M 1069) - U 33 - Sea Lynx - Sea King - P-3 C Orion - Nordrhein-Westfalen (F 223)

**MISSILE FIRING EXERCISE**
- Erfurt (F 262) - Helmsand (Y 862) - Lübeck (F 214) - Mecklenburg-Vorpommern (F 218)
  - P-3 C Orion

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
**October 2020**

**SNMG 1**
- Grömitz (M 1064)  
- Sulzbach-Rosenberg (M 1062)

**SNMG 2**
- Brandenburg (F 215)

**SNMCMG 1**

**UNIFIL**
- Magdeburg (F 261)

**ATALANTA**
- P-3C Orion

**IRINI**
- Hamburg (F 220)  
- 2x Sea Lynx

**Total assets deployed**
- 7x  
- 2x  
- 1x  
- 4x

**Other exercises/missions**

**Vision 2020**
- U 33 – Mecklenburg-Vorpommern (F 218)  
- Lübeck (F 214)  
- Planet (Research vessel)  
- 2x Sea Lynx – P-3C Orion

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
November 2020

**SNMG 1**
- Sea Lynx
- Sulzbach-Rosenberg (M 1062)
- Homburg (M 1069)

**SNMG 2**
- Brandenburg (F 215)

**SNMCMG 1**
- **NATO OTAN**

**UNIFIL**
- Magdeburg (F 261)

**ATALANTA**
- **EU**
- P-3C Orion

**IRINI**
- Homburg (F 220)
- 2x Sea Lynx

### Total assets deployed
- 9x
- 1x
- 3x

**Other exercises/missions**

1 **CORVETTE SQUADRON SQUADEX**
- Donau (A 516)
- Braunschweig (F 260)
- Erfurt (F 262)
- Ludwigshafen am Rhein (F 264)

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
December 2020

**SNMG 1**
- Sulzbach-Rosenberg (M 1062)

**SNMCMG 1**
- Magdeburg (F 261)

**SNMG 2**
- Brandenburg (F 215)

**UNIFIL**
- Total assets deployed
  - 8x
  - 1x
  - 2x

**ATALANTA**
- P-3C Orion

**IRINI**
- Hamburg (F 220)
  - 2x Sea Lynx

**Other exercises/missions**

**1 CORVETTE SQUADRON SQUADEX**
- Donau (A 516) – Braunschweig (F 260) – Erfurt (F 262) – Ludwigshafen am Rhein (F 264)

*only the assets in international missions or national/international exercises are displayed. Further assets are underway in national waters.*
German Navy Fleet Tracker

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for more information and sources, contact us at www.kielseapowerseries.com