

## F 219 Sachsen [Type F124] - 2005

### Germany [FRG/Reunified]

Type: FFG - Guided Missile Frigate

Max Speed: 30 kt

Commissioned: 2005

Length: 143.0 m

Beam: 17.4 m

Draft: 5.0 m

Crew: 255

Displacement: 5100 t

Displacement Full: 5690 t

Propulsion: 2x MTU 20V 1163 TB93 Diesels,

1x General Electric LM-2500 PF/MLG Gas

Turbine, CODAG



#### Sensors / EW:

- TRS 3050 Triton G - (1988, DRBV 52) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 46.3 km
- DSQS-24B Mod [CSU 90] - (1988, DRBV 52) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 44.4 km
- Telegon 8 - (1982, PGS 1521) ESM, HF/DF, Max range: 926 km
- FL 1800SII [ESM] - (1997) ESM, ELINT, Max range: 926 km
- FL 1800SII [ECM] - (1997) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- APAR MFR - (1997) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Medium-Range, Max range: 166.7 km
- SMART-L - (1997, VSR) Radar, Radar, Air & Surface Search, 3D Long-Range, Max range: 398.2 km
- ASA 92 ACTAS - (1997, VSR) TASS, Active Towed Array Sonar System, TASS, Active-Only Towed Array Sonar System, Max range: 74.1 km
- Atlas 9600 - (1997, VSR) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- MSP-500 [IR] - (Group, 2001, Gun Director, 76mm/62) Infrared, Infrared, Weapon Director & Target Tracking and Identification Camera, Max range: 185.2 km
- MSP-500 [EO] - (Group, 2001, Gun Director, 76mm/62) Visual, Visual, Weapon Director & Target Tracking and Identification TV Camera, Max range: 185.2 km
- MSP-500 [Laser Rangefinder] - (Group, 2001, Gun Director, 76mm/62) Laser Rangefinder, Laser Rangefinder for Weapon Director / Target Tracking and Identification, Max range: 0 km
- Generic Acoustic Intercept - (Group, 2001, Gun Director, 76mm/62) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km

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#### Weapons / Loadouts:

- 76mm/62 Super Rapido HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- 27mm MLG-27 Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- RIM-162B ESSM - (2004, non-AEGIS, Mk41) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.

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- RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.
- Bullfighter Chaff/Flare Seduction - Decoy (Expendable). Surface Max: 1.9 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- RIM-116B RAM Blk I - (2001) Guided Weapon. Air Max: 11.1 km. Surface Max: 11.1 km.