

GERMAN RESEARCH VESSELS*

* except RVs from the Ministries of Defence (1 RV), Agriculture (3 RV), Traffic (6 RV)



POLARSTERN

- last 32 years for AWI, Bremerhaven
- more than 66 expeditions
- 310 days per year
- during southern winter 2013 she stayed in Antarctica

replacement of POLARSTERN is under way
 - (length: ca. 142 m, bea: ca. 27 m)
 - since 2013 regular meetings of scientists and engineers to develop general arrangement and building regulations for tender



METEOR

- since 28 years 'flagship' for Federal Ministry of Education and Research (BMBF)
- now fulfilling its 107. expedition
- about 310 days per year at sea
- still running with no problems

- discussions about new engines underway



MARIA S. MERIAN



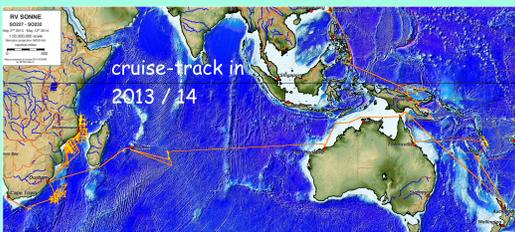
- belonging to IOW (Leibniz Institute for Baltic Research) Warnemünde
- 310 days of multidisciplinary research work / year
- now running without any problems



SONNE



- only privately owned (by RF, Bremen) ship in German fleet chartered by Federal Ministry of Education and Research for 250 days per year
- she operates mainly in the Pacific and Indic (geophysical research)



- will be replaced in December 2014 by governmental owned ship
- newbuild now on first testing cruises
- for technical details see poster SONNE

POSEIDON

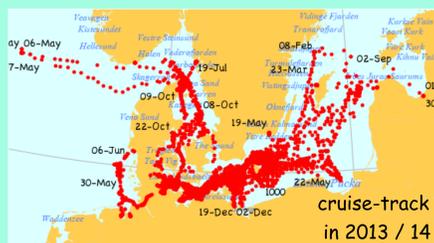


- the 'old lady' of GEOMAR, Kiel
- since 1976 a total of about 470 expeditions



- ship is increasingly ageing
- problems with hull thickness
- problems with winch system
- replacement still halted by Ministry (should be due in 2017/18 - now probably in 2019/20))

ALKOR



- sister ships
- ALKOR belongs to GEOMAR, Kiel
- HEINCKE belongs to AWI, Bremerhaven

- since 1986 multidisciplinary (including fisheries) research cruises and some student practicals

HEINCKE



ELISABETH MANN BOURGESE



- since 2011 regional RV of IOW (Leibniz Institute for Baltic Research) Warnemünde
- for multidisciplinary research work

