


# Anschütz Gyrocompass

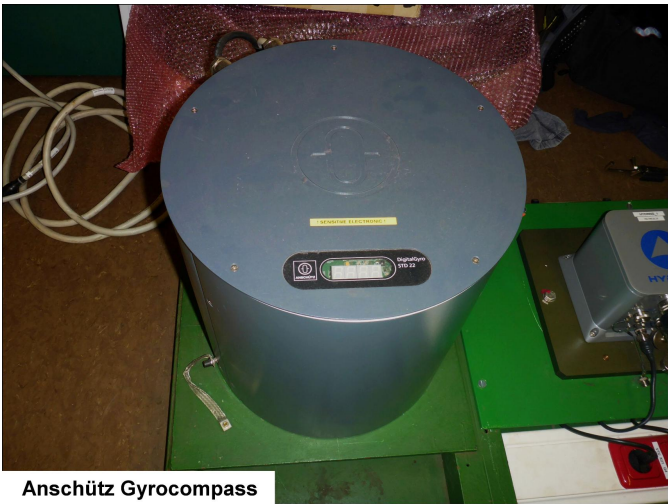

**Attention:**

The system is mandatory for nautical purpose.

## Summary

The Anschuetz gyrocompass is a compass that orientates itself parallel to the rotational axis of the earth and thereby indicates the true astronomic north-south direction.

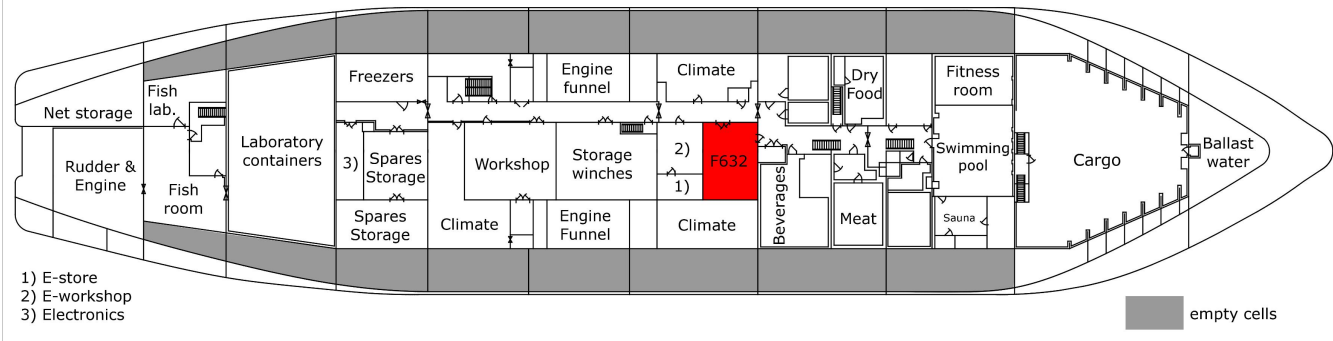
Manufacturer	Raytheon Anschuetz GmbH
Model	Standard 22
Serial No.	n/a
Type	compass
REGISTRY-Link	<a href="#">REGISTRY (1402)</a>



Anschütz Gyrocompass

## schematic drawing of Polarstern deck F

location of room F632 (gravitymeter, gyrocompass, HYDRINS motion sensors)



## Contacts

Name	Institution	Role
Reederei Laeisz	F. Laeisz	Engineer In Charge

## Components

### Position

<b>Info</b>	xyz-position from Alignment Survey Report RV Polarstern (June 2016), located in room F632
<b>X</b>	55.989 m (X-0 is at the center of der rudder (ref. design drawing of the vessel), positive X-axis is forward and along vessel centerline)
<b>Y</b>	-2.136 m (Y-0 at centerline, positive Y-axis is portside)
<b>Z</b>	11.931 m (Z-0 is set to the lowest point of the keel, positive Z-axis is upwards)

## Data logging, storage and archiving

### Logged parameters

Parameter	O2ARegistry Output Type	Unit
heading	attitude	deg

### Central geographical ship's position and time standard

### Rawdata storage on board

### Dship

### Data archiving on land

## Documentation

- [Gyrocompass Standard 22 Brochure \(Factsheet, 1 MB\)](#)