


# DESY Myon Detector

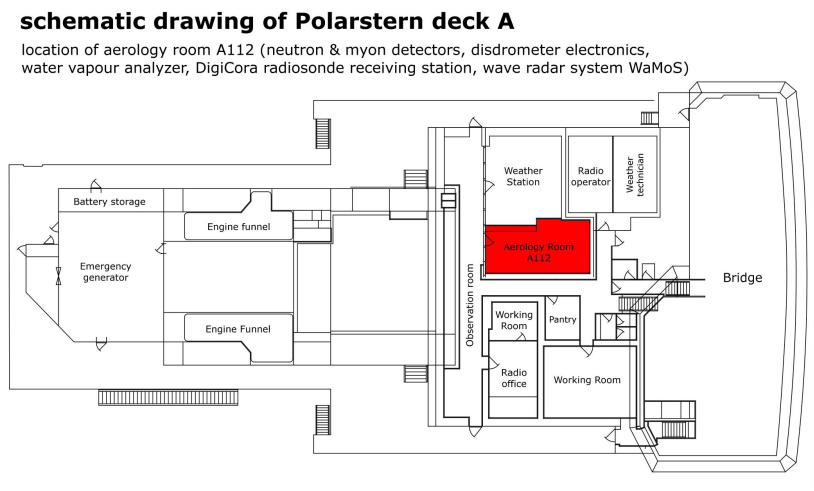
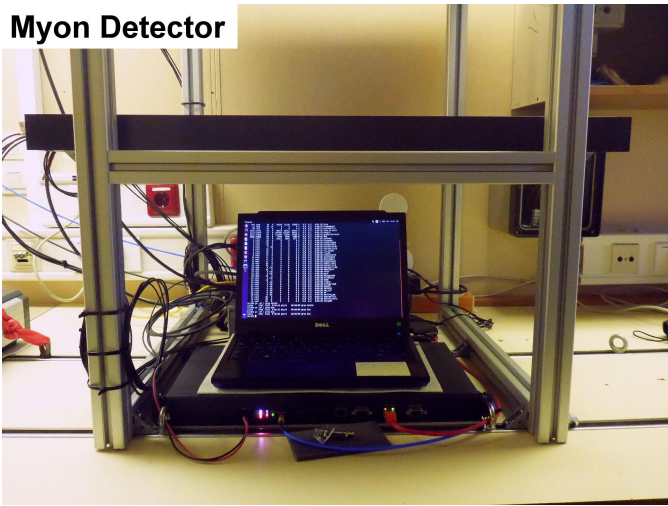
**Attention:**

In case of a system failure just reboot the computer (switch on). The data acquisition program will start automatically.

## Summary

The device detects cosmic particles (mainly myons) which are produced by the reaction of cosmic radiation with atomic nuclei or molecules in the upper atmosphere. The system consists of 2 sensor boxes, a data aquisition system, GPS antenna and a netbook.

|               |                                 |
|---------------|---------------------------------|
| Manufacturer  | DESY                            |
| Model         |                                 |
| Serial No.    | n/a                             |
| Type          | small scale facility            |
| REGISTRY-Link | <a href="#">REGISTRY (1421)</a> |



## Contacts

| Name           | Institution                          | Role                   |
|----------------|--------------------------------------|------------------------|
| Michael Walter | Deutsche Elektronen-Synchrotron DESY | Principal Investigator |

## Components

### Position

|             |  |
|-------------|--|
| <b>Info</b> | no xyz-position given, device located on deck A in room A112 |
| <b>X</b>    | 0.0 (no unit given)<br>(no description given)                |
| <b>Y</b>    | 0.0 (no unit given)<br>(no description given)                |
| <b>Z</b>    | 0.0 (no unit given)<br>(no description given)                |

## Data logging, storage and archiving

### Logged parameters

| Parameter                  | O2ARegistry Output Type | Unit   |
|----------------------------|-------------------------|--------|
| amount of cosmic particles | amount                  | number |

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

### Rawdata storage on board

### Data archiving on land

## Documentation

The manuals are located in the folder at the detector on board.

- [DESY-Myon-detector\\_manual \(User Manual, 363 kB\)](#)