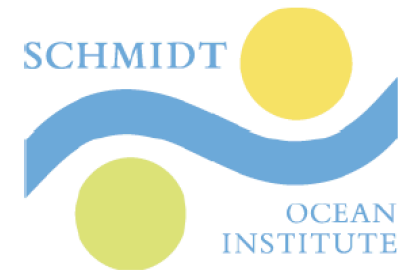


4,500m ROV



4500 m ROV SUBastian



- **Started by putting together an advisory team**
 - Team specified that the ROV be equipped with
- **Advisory team made recommendations re: ROV standard equip. suite**
 - 4K video cameras, one for scientists and a separate one for pilot
 - 2x Schilling TITAN4 manipulators, carousel suction sampler, etc
- **Science Verification Cruise slated for November 2016**
- **Designed with operating off RV Falkor in mind**
 - No A-frame limitations, etc.
- **Main challenge is endurance**
 - 30 days on-site with no longer than 2 days of sailing from port to site
- **I “believe” their proposal pressure is up to use these assets**