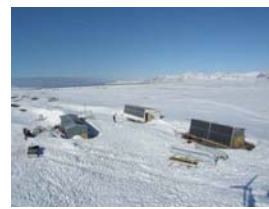


Status Report AWIPEV Base to 32. NySMAC meeting

Roland Neuber
AWI

General Overview winter 2009/10

- Marine Biology winter project successful
- Intensive atmospheric research programmes
- Co-operation with Amundsen-Nobile CCT activities



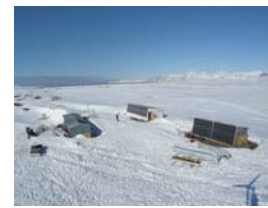
Base statistics

Scientific projects in 2009:

- 39 projects plus ROV operation
- 148 project scientists on the base,
- 2754 person days by guests
- 2114 person days station & support personnel

During winter (Nov. 09 – March 10) :

- 223 person days by 14 guests
- 683 person days station & support personnel (12 persons)



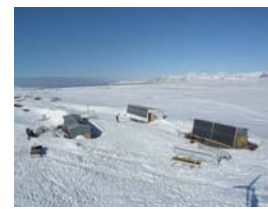
Project Highlights

Winter marine biology activity:

- sampling of pteropods (*Limacina* spp.) from KB harbour boat during polar night (til end of Feb.) and work in marine lab.

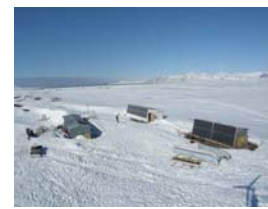
Atmospheric Research:

- Stratospheric ozone chemistry: participation in EU RECONCILE campaign:
 - dedicated special balloon launches (particle backscatter sondes, water vapour sondes)
 - Ozone sondes for Match campaign
- Contribution to CCT-activities:
 - tethered balloon soundings, also next to CCT
 - lidar measurement
 - some logistical help



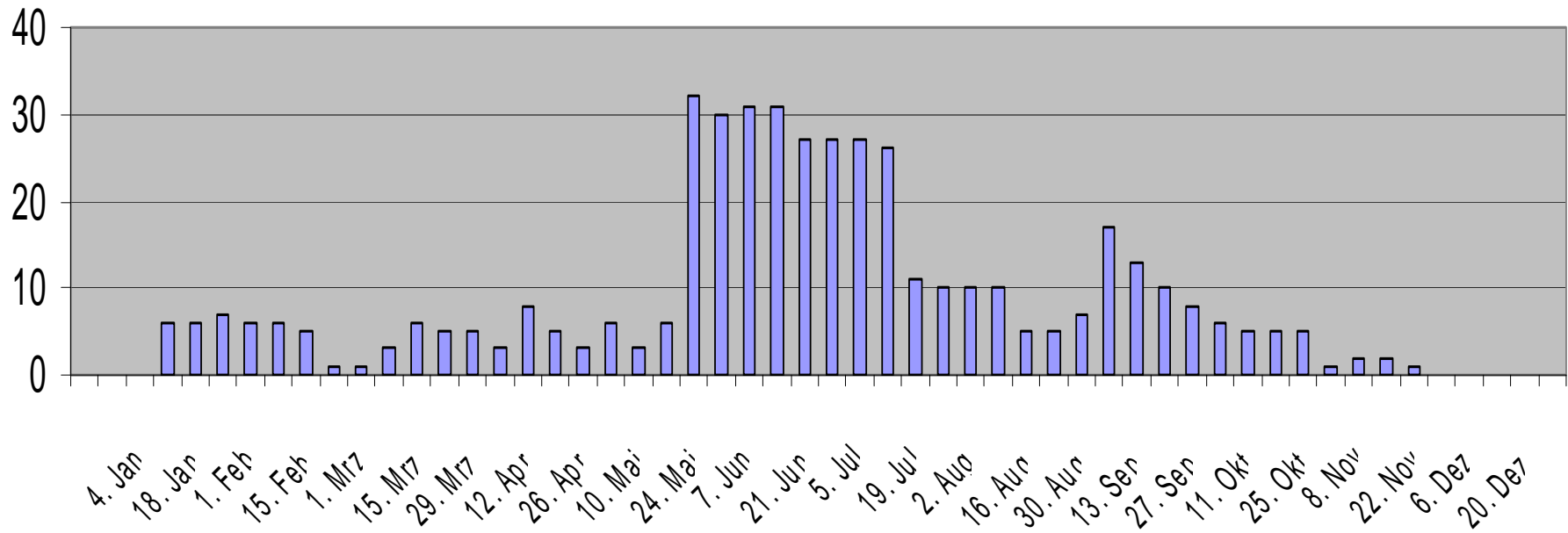
Base Operation

- liquid nitrogen production running again
- preparations for upgrading 3rd building in Corbel Station
- New AWIPEV base team
(S. Barrault, Ch. Konrad, Th. Bouchard)
with extensive overlap to current team

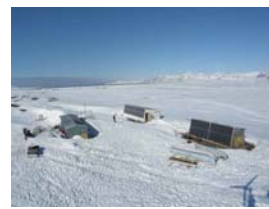


Updated Outlook for 2010

Number of guests



Estimated usage:
 ca. 3100 guest days
 > 2200 days base personnel



Updated Outlook for 2010

- SORPIC campaign (Clouds & Radiation, <http://www.uni-leipzig.de/~sorpica/> aircraft overflights with AWI`s Polar 5 in end April – mid May)
- EPOCA project summer 2010 (end of May – mid July)
(see <http://www.epoca-project.eu/>)
- Macro-algae and related research, incl. diving (May – July)
- continuation of the observatory & multi year experiments

See <http://tinyurl.com/kol2010>

Film teams will cover SORPIC, EPOCA, Makro-algae projects

