

From: Reidar Toresen

---

## 1 HMS

Nothing observed or reported.

---

## 2 Activities and comments

We are approaching the end of the survey. It looks like we will be able to do stations all the way to the border of the EEZ of Mauritius. Catches of fish have been indeed very low. Only mesopelagic fish have been observed and during daytime, the fish have been dispersed at depth between 400 and 600 m. During night time, most of the meso have migrated towards the surface for feeding on plankton. During day, the meso is distributed in layers with high content of oxygen, while at night, in layers above the maximum chlorophyll.



**The trawl coming in.**



**Sorting the catch of the trawl. Mostly meso-pelagic fish and some deep sea pelagic shrimp.**

---

### **3 Weather**

Temp            24°C,  
Wind:            strong breeze from east, sunny.  
Waves            4

---

### **4 Tomorrows schedule**

Steaming towards the last station along the 20<sup>th</sup> degree S. Doing sampling every 100 nautical miles.



**Handling the catch from the multi-net.**

---

## **5 Prognoses**

We are now in the South Indian Ocean gyre, we will manage to do the same level of sampling all the way to the border of the EEZ of Mauritius.

---

## **6 Problems during field work**

The problems with the plankton sampling gear have been fixed and now everything functions well.

---

## **7 Future plans**

We have started to make the cruise report, and all teams contribute well.

---