

The tasks for improvement of HMO Tiksi infrastructure

1. The 20-m tower is in dangerous state because gauylines, supported the tower can not be tensed due to permafrost melting around ankers. The installation of four concrete blocks will allow to fix tower. (Polar Fund, YUGMS)/
2. For stable and safety electrical supply it is needed to change the power cable from the main electrical box of "Polarka" to electrical box at the main building of HMO and changing of electrical box at the diesel generators, as well as regular checking of phases misbalance and generators diagnostics. (YUGMS)
3. UPS batteries changing (AARI)
4. It is needed to change of existing converters 220\110 to more power (AARI, NOAA).
5. To make new telephone cable for communication between the main building and office of Tiksi Filial of YUGMS in Tiksi. (YUGMS).
6. Maintenance of automatic start of emergency diesel generators. (YAUGMS).
7. Repair of the main building and CAF roofs: painting and elimination of leaks (Polar Fund).
8. Repair of floors in the main building (Polar Fund).
9. Repair a dignity: maintenance of ventilation and repair septic tank (YUGMS).
10. Replacement the automatic electrical switch in CAF (YAUGMS).
11. Making of wooden floor on the metal basis of the tower (YUGMS).
12. Replacement of platforms at tower (YUGMS).
13. Purchase of an electric snowmobile (NOAA).
14. Study the possibility of Installation of new air inlet (30 meters pipe, diameter 25 cm) on the roof of CAF (NOAA, FMI).
15. Creation of the arctic entries in the main building and CAF (YUGMS).
17. Repair water pump and solving the problems with water delivery (YUGMS).
18. Installation of conditioner in CAF-(NOAA, FMI).
19. In ПЧБ 5 kw for installation of devices FMI are in addition necessary.-JAUGMS? ФМИ?
20. Organization of uninterrupted delivery of glass flasks with air samples between Tiksi – Sankt-Petersburg and Tiksi - Boulder (YUGMS, MGO).
21. Purchase of snow track for transportation of HMO personal from Tiksi.