



CONCRETING

Concrete bucket trailing from a helicopter cable delivers concrete to these brave Sarooj workers.

The concrete mixing takes place on a barge's deck stationed in the vicinity.



HELICOPTER

Helicopters are allowed to fly up to five hours per day.

This helicopter was based in Salalah making the real productive time very limited.

Proper planning was essential.



DGPS

In plain areas the DGPS sites are fenced and provided with an air-conditioned equipment room.

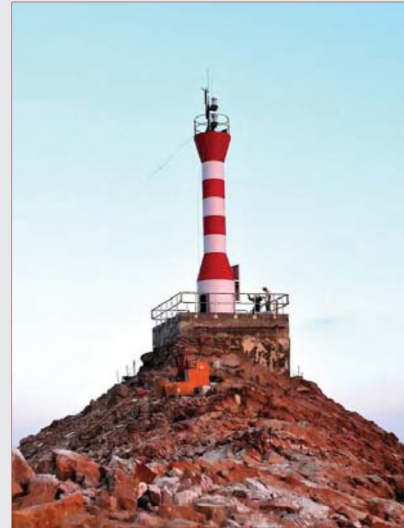
This is a requirement to prevent exposing electronic devices to extremely high temperatures.

LIGHTHOUSE

A completed lighthouse standing on this mountain peak of an isolated isle.

It is powered by solar energy.

The solar panel could be seen fixed on the tower side.



LIGHTHOUSES & DGPS INSTALLATION

The port of Duqm is now fully operational, particularly the dry docking activity.

The number of vessels approaching the port is increasing by the day.

The Ministry of Transport and Communications has decided to install three lighthouses and three Differential Global Positioning System Stations (DGPS).

The lighthouses are typically located on isolated islands and high peaks.

Sarooj takes pride in executing these challenging contracts requiring land, sea, and air logistical support.

Helicopter services were obviously required.

DGPS sites are generally on plain ground and therefore, their sites had to be fenced and secured.

An air-conditioned room housing the equipment was provided on each site.

The distances that separated the stations from the main SCC bases and from each other represented the main difficulty in ensuring adequate logistical support.

The team had a full time landing craft and passenger speed boats for water and food supply but also to be used in case of emergencies.

REINFORCEMENT

Last touches before the concreting starts.

Towers holding down bolts are kept in position by a circular template so that they are not displaced when pouring of concrete takes place.

The foundation is provided with heavy reinforcing bars.

