In 2011, MTBF, during USER and USER-RP sessions, reached up to 47h. It was 5h50 better than in 2010. In the same way, MTTR dropped to 00h43.

SOLEIL, the 3rd generation French synchrotron light source, has progressively increased activity since 2007. This year, the total beam time has reached 6512 hours out of which 5328 hours were delivered to the 26 beamlines currently in operation.

For the operation of the accelerators, a group of 8 operators under the supervision of two people ensures the presence in the control room 24h/24 and 7 days a week. They are assisted by part-time operators who are coming from several division of SOLEIL and mainly from the Machine Division.

Being at the origin of a large number of Giabli/Screem (SCADAS) applications, useful to the commissioning, operators are in developing applications operation oriented in Labview, Python, MatLab ... and are responsible for installing and monitoring new equipment (temperature measurement, video monitoring and water leak detection in the tunnels...).

The group describes and archives all the tracking of machine operations through electronic logbooks which provide weekly balance-sheet, at the end of each run and year.