Data Management for NEMO Phase-2

Summary:

- **Data Manager**
- **Console**
- **Network**
- **Conclusions**

Data Manager

Tasks: **Status:**

- **Integration with FCMe (new firmware):**   completed.

- **Recording SC parameters into DB:**   completed.

- **Serial devices communication test:**   to be done next week.

- **TimControl/Cal communication:**   completed.

- **Power Control communication:**   reading completed.

- **Positioning (ACSA) communication:**   to be defined.

- **PORFIDO, NANOBEACON communication:**   to be done.

Console

Tasks: **Status:**

- **Two new configured console available:**   completed.

- **SC parameters displayed on windows:**   completed.

- **Serial devices interfaces:**   to be done next week.

- **Time Calibration interface:**   completed.

- **Power Control monitor:**   completed.

- **Positioning interface (ACSA):**   to be defined.

- **PORFIDO, NANOBEACON interface:**   to be done.

- **Automatic command sequence:**   available.

Network

Tasks:

Status:

- Router (bridge configured):   completed.

- Gigabit Switches: available.

- KVM accessories: arrived.
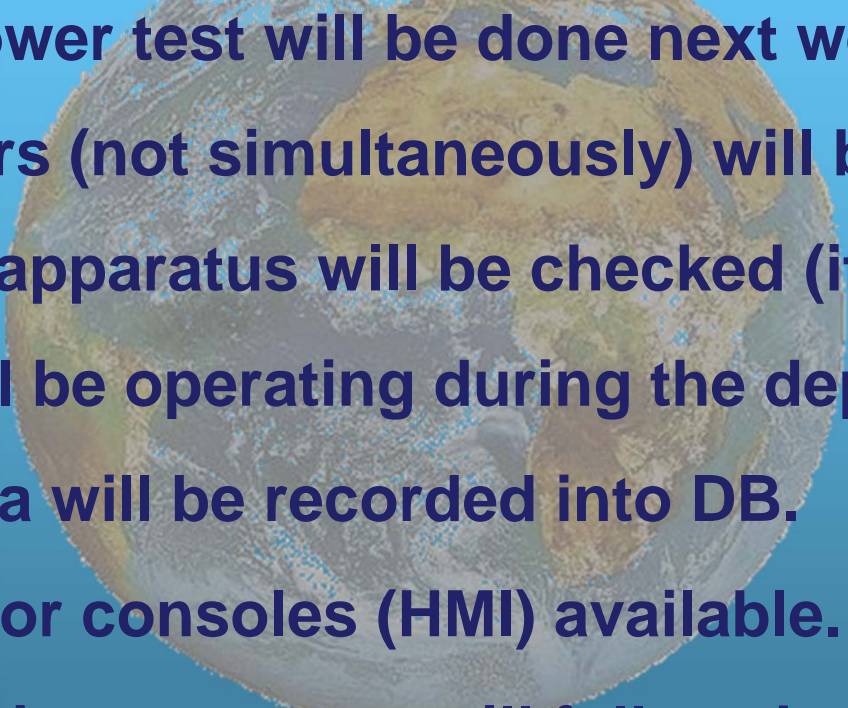
- DHCP, DNS: configured.

Resources

Critical:

Good:

- DM developer has gone.

Economic.

- Request for Console operator.

- Request for c++ programmers.

- Request for system collaborator.

Conclusions

- **The final tower test will be done next week.**

- **All the floors (not simultaneously) will be tested.**

- **Peripheral apparatus will be checked (if possible).**

- **The DM will be operating during the deployment.**

- **The SC data will be recorded into DB.**

- **Two operator consoles (HMI) available.**

- **Not critical improvement will follow the deployment.**

DM communication interfaces

CONSOLE

Run Ctrl

Detector Ctrl

DB Viewer

Trigger SC

Data Manager

Positioning

Power Mgr

FCMe

FCM

FEM | SCI | **TimCtrl**

TimCal