

SD SHIFTS

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SDSHIFTS NEWS

FIRST TEST SD SHIFT

- First test SD shift the first 2 weeks of February by LPSC Grenoble
 - Second SD SHIFT the 2 last weeks of February by Torino
 - SD SHIFT content is preliminary , had still limited content and will be gradually complemented
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- Check the status of the array (black tanks and grey tanks)
 - Check if all produced data have been properly produced and are available
- } Use moni
- Check the behavior of the array with monthly preprocessed files available on the SD Shift website :
 - T3 Errors, Hexagons, Bad Periods, Event rate for both arrays
- } Use SDSHIFTS web site
- Check the 5 highest energy events of the preceeding period
 - Check all signals of PMTs for these events and check the LDF (check if there is not a anomalous silent stations at too low distance)
- } Use ED at cc
- On request check if an alert is received concerning new tanks deployed
 - gather all information from moni and log book and t2 files
- } Use moni

SDSHIFTS NEWS

Production of the SDSHIFTS

- Mails send to the relevant person in case of an anomaly detected.
- Formatted report stored on the SFSHIFT web site
(not fully completed)
- Very short report like a “health newsletter “ of the SD array that could be send to the collab
(to come a bit later)

More to come

- Check of the evolution of PMT Quality Cuts (the 3 levels)
- Check on PMT (already some material together with Moni, still trying to find the best way to implement it in a constructive way)
- Check on new detectors installed (need some connection with Malargue (through PMS ?)
- AOB

SD SHIFTS can be very useful to check the performance (short and long) of the array

PLEASE SIGN FOR FURTHER SD SHIFTS !!!

The screenshot shows a web interface titled "SD SHIFT MANAGER" with a light blue header. Below the header, the text "Please choose an option." is displayed. The interface contains six buttons arranged in a 3x2 grid:

- Top-left: Sign for a SD Shift
- Top-right: Show existing SD Shifts
- Middle-left: SD Shift Content
- Middle-right: Summary plots
- Bottom-left: Do SD Shift report
- Bottom-right: SD Shift reports List

- **at least one shifter** from one **volunteer institution** should sign at ipnwww.in2p3.fr/~augers/AugerProtected/SDSHIFT/