

Shifter Duties — Revised

- Transition from expert shifter → non-expert shifter
 - → expect plenty of new (untrained) shifters for autumn run
- Cosmic data taking is starting **now**
- New shifters, please
 - Sign up on shifter mailing list pxd-shifters@belle2.org
 - Get a shifter training and read the manual **before** it
 - Shadow shift

- Weekly shifter meeting?
 - Mandatory for people who do shifts in this week
- After Monday meeting when we know the plan for the week
 - → Monday morning in Germany, evening KEK???
- Discuss plan for the week
- Get feedback from shifters (weekend)
- Announce updates on operation, manual

- Read and update the manual!
- It seem experts barely read or use the manual, thus mistakes were not fixed!?
- But: As expert, you overlook missing pieces easily → shifter feedback needed

- Update contact info! Telephone, Skype, etc (not only RocktChat)
 - → before each shift in CONFLUENCE (as requested by run coordinator)
- Participate in the daily run meeting (even remotely) if it is during your shift!
 - (others: read the minutes)
- Check what is planned during the shift
- Rate the physics runs
- Write shift report (there is a template!)

- The Belle2 management expects that the PXD experts are filling the run-data-is-usable table in confluence. This is the task of the PXD shifter!
- <https://confluence.desy.de/display/BI/Data+Quality+Flags+Page>
- (We are fully aware that the current scheme to fill a table in confluence is a terrible workaround, but that is what we have to live with now.)
- Q: Which PXD shifter is filling the runs?
- Q: What is the decision based upon?

CR Shifter Flag								System Expert Flag									
P	S	C	T	A	E	K	T	Comments	P	S	C	A	T	E	K	T	Comments
X	V	D	O	R	C	L	R		X	V	D	R	C	L	R		
D	D	C	P	I	L	M	G		D	D	C	I	P	L	M	G	

System expert flag: should be filled by the **subsystem expert** within a few hours of the run completion

- Blank - not checked
- 0 - Not included in DAQ
- 1 - Data are flawed and unrecoverable
- 2 - Data have problems but can be recovered
- 3 - Data are OK

- The decision should be based on (a) PXD modules on and if there had been serious (configuration) trouble. (b) Slow Control/Monitoring (DAQ troubles?) (c) Online Monitor and (d) DQM plots
- → see manual in confluence, it might change!