# MOLLER Director’s Review Task List for the Integrating Detector Package

## Detector background

* Beam dump background (W&M)
* PMT background (UM, SBU)
* Main detector quartz assembly geometry (UVA)
* PMT DD (UVA)
* SM splash-back (SBU)
* Shielding optimization (SBU)
* Cross-Talk (SBU)
* Quartz soft background sensitivity (did not find this in KK’s list) (UM)

## Mechanical

* MD mechanical assembly (design) (SU ? -> UM, SBU ?)
* RAD testing of mechanical assembly materials and parts (ISU, UM)
* MD Quartz robustness (?) (ISU, UM)

## Other

* Helicity correlated systematics and detector geometry (did not find this explicitly in KK’s list) (UM Juliette or UVA ???)

# Items not identified by the Director’s Review

## Electronics

* PMT bases (design, linearity studies, etc.) (ISU,UM)
* Preamps (design, testing, etc.) (OU, UM)
* ADCs (design, testing, etc.) (OU, UM)
* JLab DAQ interface (data transfer protocol and architecture) (JLab,OU,UM)

## Mechanical

* Quartz-LG-PMT module design / orientation geometry optimization (SBU, UM ?)