

# CY18 Q2 Risk Register Summary Table

|  | Probability | Schedule Impact | Cost Impact |
|--|-------------|-----------------|-------------|
| <b>Top Risks</b> (ranked by Probability x Cost Impact)         |             |                 |             |
| EMU – EPROM failures on DCFEBs                                 | 20%         | 3 months        | \$1,000k    |
| ECAL - Laser fails   | 20%         | 0 months        | \$250k      |
| S&C - Bridge OSG technology evolution staff to new funding     | 25%         | 0 months        | \$200k      |
| <b>Risks Closed Managed this quarter</b>                       |             |                 |             |
| Tracker - Pixels repairs/mods in 2017 Year End Tech. Stop      | 10%         | 0.5 months      | \$100k      |
| <b>Risks Closed Retired this quarter</b>                       |             |                 |             |
| Trigger - CMS TriDAS project COLA Payments                     | 10%         | 0 months        | \$50k       |
| DAQ - Perform. degrad. due to larger evt size & more chnnls    | 5%          | 0 months        | \$0k        |
| HCAL - Scint. Rad. Dam. & No Ph1 HE Elec. Upgrd until LS2      | 10%         | 0 months        | \$0k        |
| HCAL - LV Supplies   | 5%          | 0 months        | \$35k       |
| ComOps - Fermilab overhead rates decrease (opportunity)        | 5%          | 0 months        | -\$40k      |
| <b>Risks Added this quarter</b>                                |             |                 |             |
| Tracker - New Heavy Ion Firmwares do not perform as expect     | 50%         | 0 months        | \$0k        |
| HCAL - link errors in HE, might imply possible problems with t | 20%         | 3 months        | \$50k       |
| HCAL - Other problems with Phase 1 Upgrade HB electronics      | 10%         | 3 months        | \$50k       |
| HCAL - problems with Phase 1 HB Upgrade installation           | 20%         | 3 months        | \$50k       |
| EMU - Optical transmitter failures on DCFEBs                   | 75%         | 0 months        | \$75k       |
| S&C - Oracle increases maintenance fees for tape libraries and | 50%         | 0 months        | \$100k      |
| S&C - New library not in operation for heavy ion run           | 25%         | 0 months        | \$100k      |