

| Component                       | Sub-component  | Project leader       |
|---------------------------------|--|----------------------|
| Hall A webpage<br>Beamline      | modernization  | Flay                 |
|                                 | ARC energy measurement   | Flay                 |
|                                 | BPMs   | Flay                 |
|                                 | Raster   | Flay                 |
|                                 | Spot++   | Michaels             |
|                                 | FSD  | Flay                 |
|                                 | Helicity   | King                 |
|                                 | HARPs  | Flay                 |
|                                 | SBS beam line correctors, GUI<br>Beam helicity signals and reading | Flay<br>Michaels     |
| Target                          | Cryogenic cells  | Meekins              |
|                                 | Radiator   | Meekins              |
|                                 | Optics foils   | Meekins              |
|                                 | Alignment holes  | Meekins              |
| Magnets                         | BigBite  | Butler               |
|                                 | SBS + correctors   | Butler               |
|                                 | HRS  | Butler               |
|                                 | Power supplies   | Segal                |
|                                 | Geometry survey, sieve slit  | Butler               |
| CODA                            | DAQ computers  | Hansen               |
|                                 | CODA-3   | Moffit               |
|                                 | ET-based online analyzer integration                               | Hansen, Moffit       |
|                                 | Threshold GUI  | Barcus               |
|                                 | Trigger GUI (prescales)  | Camsonne             |
|                                 | CODA regime switches   | Camsonne             |
|                                 | Networks<br>Silo   | Camsonne<br>Michaels |
| Counting room                   | AC temperature regime  | Butler               |
|                                 | Space for experimentalists   | Butler               |
|                                 | Computer stations  | Hansen               |
| DAQ bunker<br>AC power, network | SBS GEM bunker   | Segal                |
|                                 | BB GEM bunker  | Segal                |
|                                 | DAQ bunker, layout   | Segal                |
| Gas supply                      | Aair, CO2, ++ for LHRS, BB, and GEM                                | Segal                |
| Detectors                       | HCAL + cables  | Barcus               |
|                                 | HRS  | Michaels             |
|                                 | BigBite + cables   |                      |
|                                 | Shower   | Tadepalli            |

|                         |                                      |           |                          |
|-------------------------|--------------------------------------|-----------|--------------------------|
|                         |                                      | GRINCH    | Yale                     |
|                         |                                      | Hodoscope | Montgomery               |
|                         |                                      | GEM INFN  | Cisbani, Szumila-Vance   |
|                         |                                      | GEM UVA   | Gnanvo                   |
|                         | SBS GEM system                       |           | Gnanvo                   |
|                         | SBS counters (GEN-RP)                |           | Sawatzky                 |
| Beam polarimeter        | Moller                               |           | Malace                   |
| Documentation           | OSP                                  |           | Quinn                    |
|                         | User manual for detectors, beam line |           | Quinn                    |
|                         | Website GMn                          |           | Shahinyan                |
|                         | Safety document                      |           | Quinn                    |
|                         | Shift howto's                        |           | Montgomery, Flay         |
|                         | Run coordinators                     |           | D. Jones                 |
|                         | Shift sign-up                        |           | Camsonne                 |
| Experiment running      | Software for beamline                |           | Flay                     |
|                         | Software HV controls                 |           | Michaels, Wood           |
|                         | Software for real scalars            |           | Michaels                 |
|                         | Data-based scalars (fADC, TDC)       |           | Wood                     |
|                         | HALOG                                |           | Camsonne                 |
|                         | EPICS data and monitoring            |           | Sawatzky                 |
|                         | Checklist                            |           | D.Jones                  |
|                         | Online analysis                      |           | Puckett                  |
|                         | Farm auto-analysis                   |           | Hansen                   |
|                         | BTA : shift report                   |           | Michaels                 |
| Online analysis+display | HCAL                                 |           | Barcus                   |
|                         | LHRS                                 |           | Michaels                 |
|                         | GEM                                  |           | Puckett                  |
|                         | BB                                   |           | M.Jones                  |
| GMn combined analysis   | SBS proton polarimeter               |           | Puckett                  |
|                         | SBS neutron charge-exchange          |           | Hamilton                 |
|                         | SBS neutron-proton recoil            |           | Sawatzky, Kohl           |
|                         | GMn n/p cross section                |           | Quinn, Fuchey            |
|                         | Magnetic optics                      |           | Szumila-Vance            |
| Operation, Run plan     |                                      |           | BW                       |
|                         | GMn+                                 |           | Quinn, Fuchey            |
|                         | GEN-RP                               |           | Sawatzky, Hamilton, Kohl |
|                         | WAPP                                 |           | Puckett                  |