

# Documentation, Safety, and Organization

Robert Michaels

**Charge:** Have the EHS&Q considerations been properly included in the design of the equipment ?

Answer:

- The design team is properly trained in EHS&Q considerations.
- Major system designs like the target will be signed off by Design Authorities. (Dave Meekins for target, Robin Wines for all other items.)
- Operational Safety Procedures are to be written for all major systems and system owners to be clearly identified. Rough drafts exist.
- **Physics Liaison : Dave Gaskell**

**Charge:** Has the equipment ownership, maintenance and control been defined during beam operations?

System	JLab Staff Responsible	Collaboration Responsible
Target	Target Group	Silviu Covrig
Septum Magnet	Jack Segal	Juliette Mammei
Radiation Collimator	Robin Wines	Kent Paschke
Radiation Shielding	Robin Wines	Kent Paschke
Detectors	Jack Segal	Dustin McNulty
Data Acquisition	Robert Michaels	Rakitha Beminiwattha
Moller Polarimeter	Javier Gomez	Sasha Glamazdin, Jim Napolitano
Compton Polarimeter	Dave Gaskell	Gregg Franklin
Data Analysis	Robert Michaels	Kent Paschke, Seamus Riordan
Beamline	Doug Higinbotham	Krishna Kumar

**Charge:** Are the specific documentation and procedures to operate safely and efficiently the equipment in place and adequate? This includes demonstrated readiness for full rate capability and expedient analysis of the data

System	Document Type	Status
Overall	Design Document	Written by Kent Paschke, <i>et al.</i>
General Safety	ESAD	Draft
Radiation Protection	RSAD	Draft + Budget Form Estimate
Radiation Collimator	OSP	Draft
Radiation Shielding	OSP	Draft
Target	OSP	Draft
Moller Polarimeter	OSP	Exists from December 2015
Compton Polarimeter	LSOP (laser safety)	Exists from April 2017
Septum Magnet	OSP	From 2010, needs update
Focal Plane Detectors	OSP	Draft

Available on the ERR wiki: <http://prex.jlab.org/wiki/index.php/PREX-CREX-2017ERR>