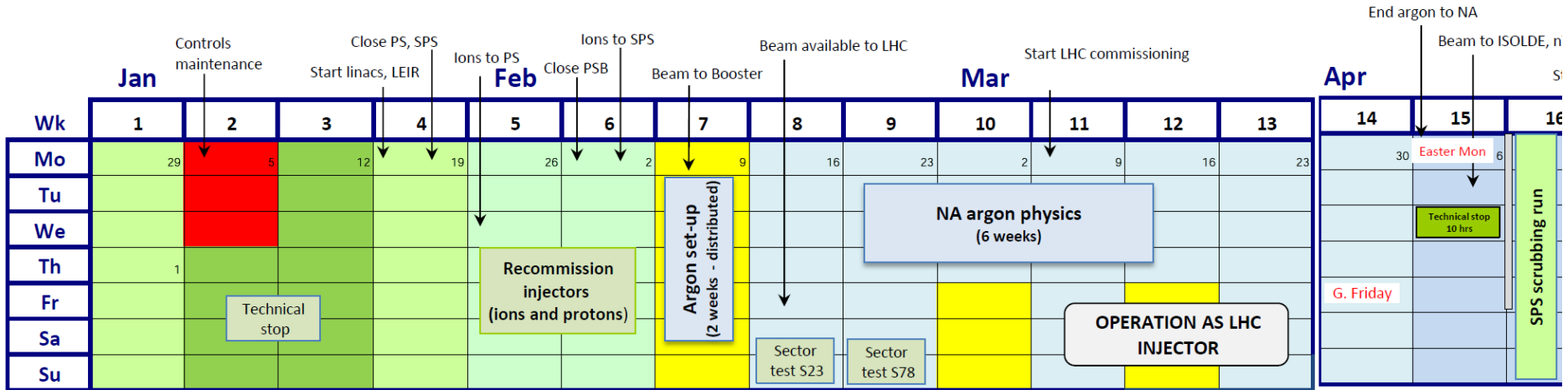


2015 ions on H4

Adrian Fabich, EN-MEF-LE

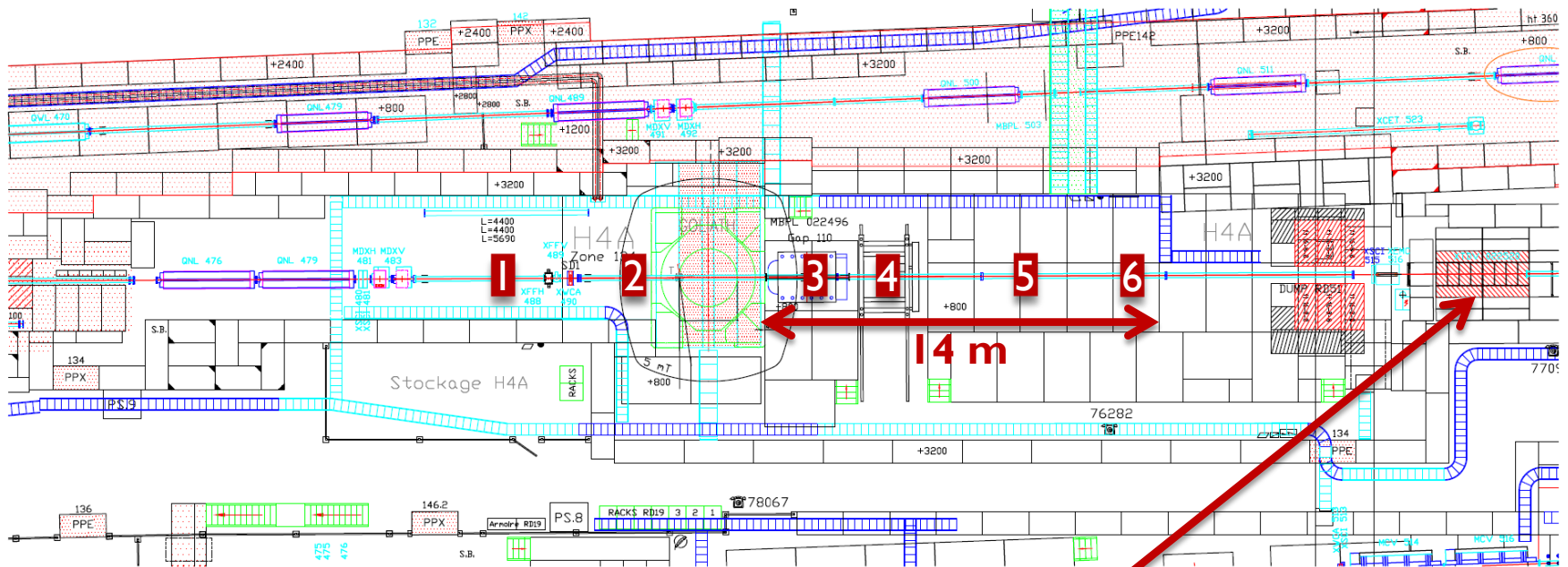
January 2015



- ▶ per momentum: typically 2 days setup, 5 days data accumulation, driven by NA61

		Feb				Mar					14	15
Week		5	6	7	8	9	10	11	12	13	14	15
Machine	North Area	T2 - H2		NA Setup 2	NA61 (SHINE) 55							
	T2 - H4			NA Setup 2	NA63 7	NA61 (SciFi) 7	RE21 CBM-TOF 8	NA63 13	NA61 (SciFi) 7	NA63 13		
	T4 - H8			NA Setup 2	UA9 4	RE25 (CALET) 5	Proba-V 5	RE25 (CALET) 20		RE29 (DAMPE) 15		Proba-V 6

- ▶ ■ potential table positions
- ▶ MBPL downstream Goliath is optional



- ▶ XTDV downstream PPE134 is IN-BEAM (fixed)
- ▶ PPE144-164 are closed during BEAM ON.
- ▶ Beam height: 2060 mm above floor, 1260 mm above concrete carpet

- ▶ 1 extraction with a 10s at top per supercycle.
- ▶ ~30 s super cycle (~50 s during LHC filling)

- ▶ Primary ions
 - ▶ momenta 150, 13, 19, 30, 40 and 75A GeV/c
 - ▶ Intensities maximum a few times 10^5 ions per spill

- ▶ Fragments
 - ▶ From T2?

- ▶ All beam interceptions upstream of PPE134 are removed → continuous vacuum from T2 (except at TAX)
- ▶ Reminder:
 - ▶ ISIEC form, DSO clearance → beam permit
 - ▶ PPE equipment required for work in beam zones
 - ▶ Helmet, safety shoes
 - ▶ (after beam time) removing equipment from EHN1
 - ▶ Follow RP procedure (via buffer zone)
 - ▶ <https://sps-schedule.web.cern.ch/sps-schedule/RadioProtectionDocuments/BufferzoneEHN1-english.pdf>
 - ▶ See also TREC course on <http://cern.ch/sir>