

Laser Work Update & Schedule

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General Schedule for LEReC

Major tasks	9	10	11	12	
Laser system test	Green	Green	Yellow	Red	
Laser system finalization	White	Green	Green	Yellow	Red
Modulator for pulse picker 1	Green	Green	Green	Yellow	Red
PC for pulse picker 2	Green	Green	Green	Yellow	Red
Laser transport	Green	Green	Green	Yellow	Red
Optical test for gun table	Green	Green	Yellow	Red	
Installation for gun table	White	Green	Green	Yellow	Red
Intensity control with EOM	White	Green	Green	Green	Red
Laser temporal shaping	Green	Green	Green	Yellow	Red

Green	Schedule
Yellow	Uncertainty
Red	Final check

- Achieve as much as possible !

Laser Trailer

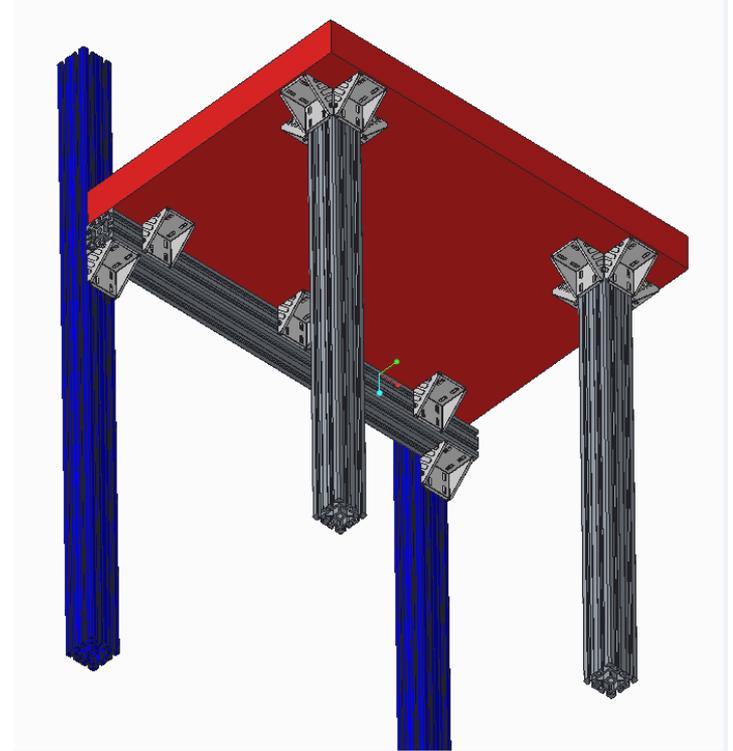
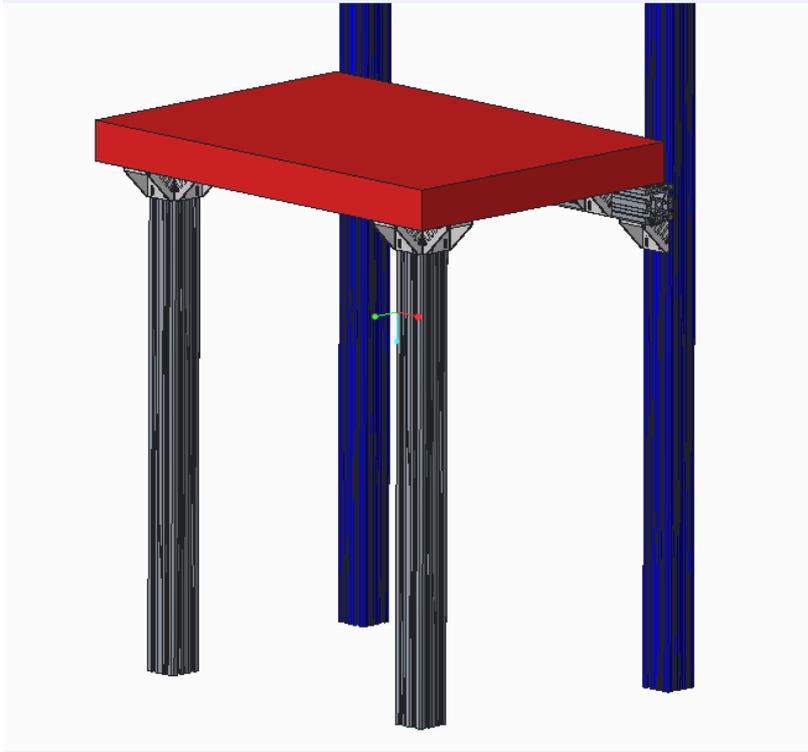


- Laser trailer is back soon !

Laser Transport - Part Update

- Three optical tables: 5x12x2 ft³, 2x4x4" ft², 4x6x1 (4") ft³ & extension
- Concrete supports for the Lego and Relay tables
- View window, vacuum pipe, flange, and mechanical support
- Mirrors, lens, & position feedback
- Mechanical support: Stands for laser beam
- Walls for laser tables
- Cable feedthroughs
- Temperature & humidity control

Table & Support for CeC - Steven and Dave



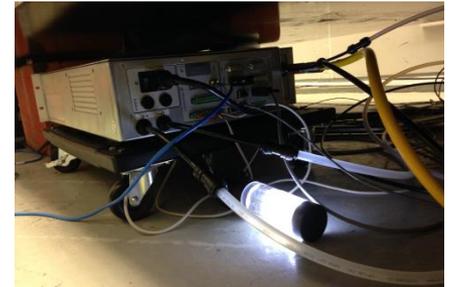
- Table and support are finalized ?
- Laser transport from relay table to the CeC table ?
- Installation after mid-Nov

Table for Shaping & Cross-correlator



- Laser spatial shaping
- Cross-correlator
- Work for Gatling gun

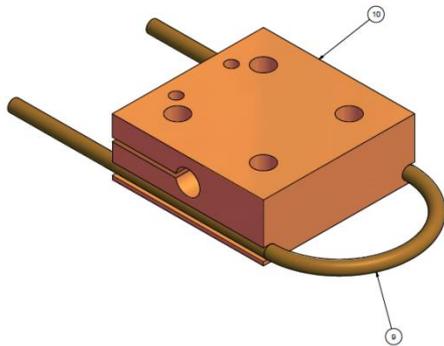
Fiber Laser Test



- Pre-amp II is working
- Test of the final stage
- Two pulse pickers
- Cross-correlator

Additional Support

- Heat sink by Dan Lehn
- Rack x 4, 2 layers, <1 foot, by Tony
- 2-layer Shelf for 5x12 ft² table by Dave and Dan
- New home for two retired ERL laser shutters



or

