

# New laser enclosure in B40 Rm209

2021/08/09

# Current enclosure (external view)



# Current enclosure (internal view)

Fibre connection  
(enclosed by lens tube)

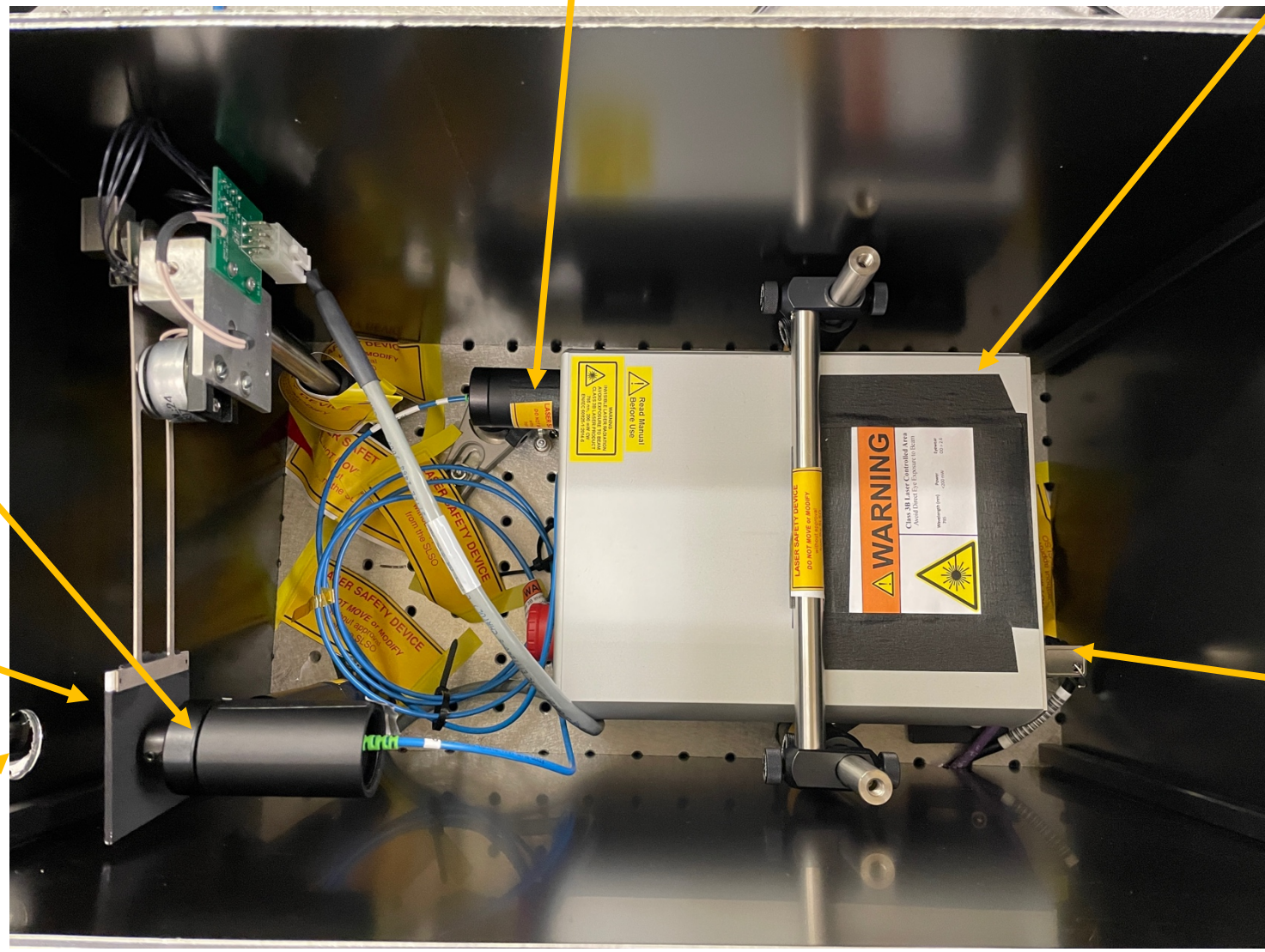
Laser controller box

Fibre termination  
(enclosed by lens tube)

Shutter

Aperture

Master key



# Backside



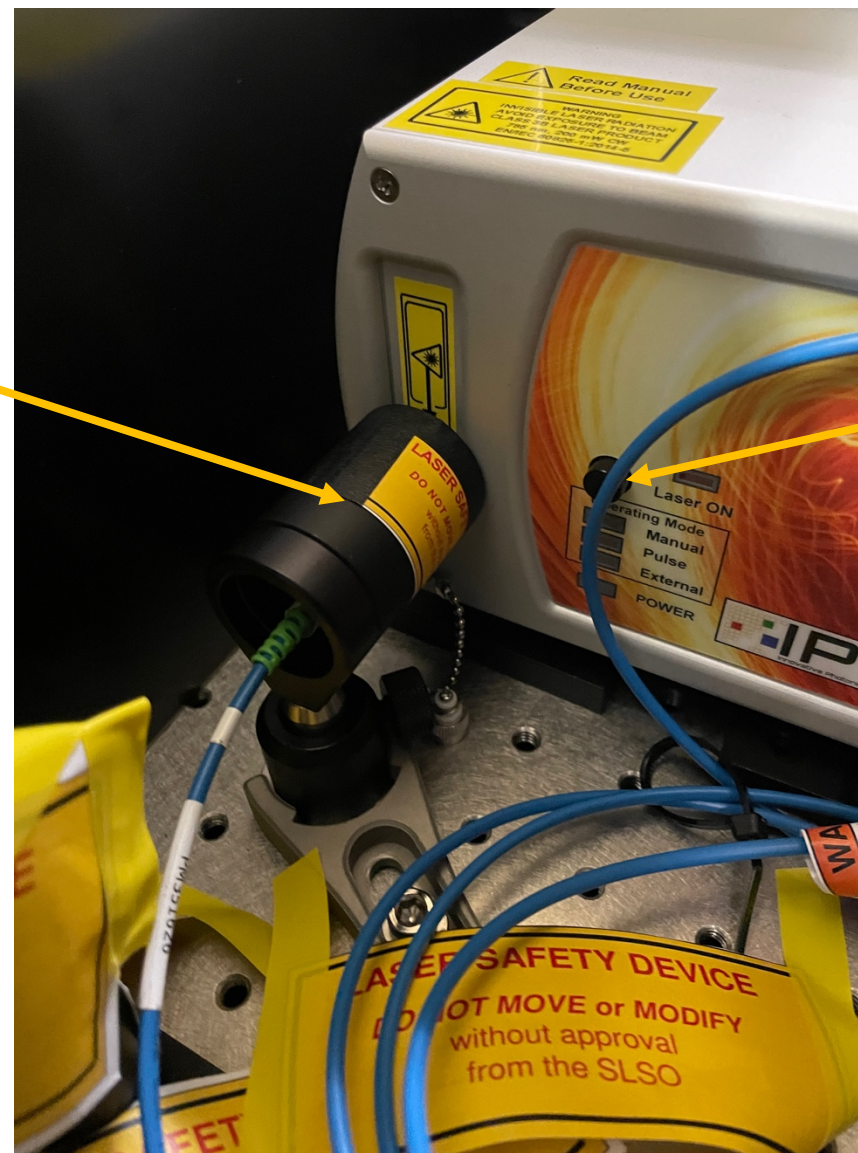
Master key

Power interlock cable

# Fronside

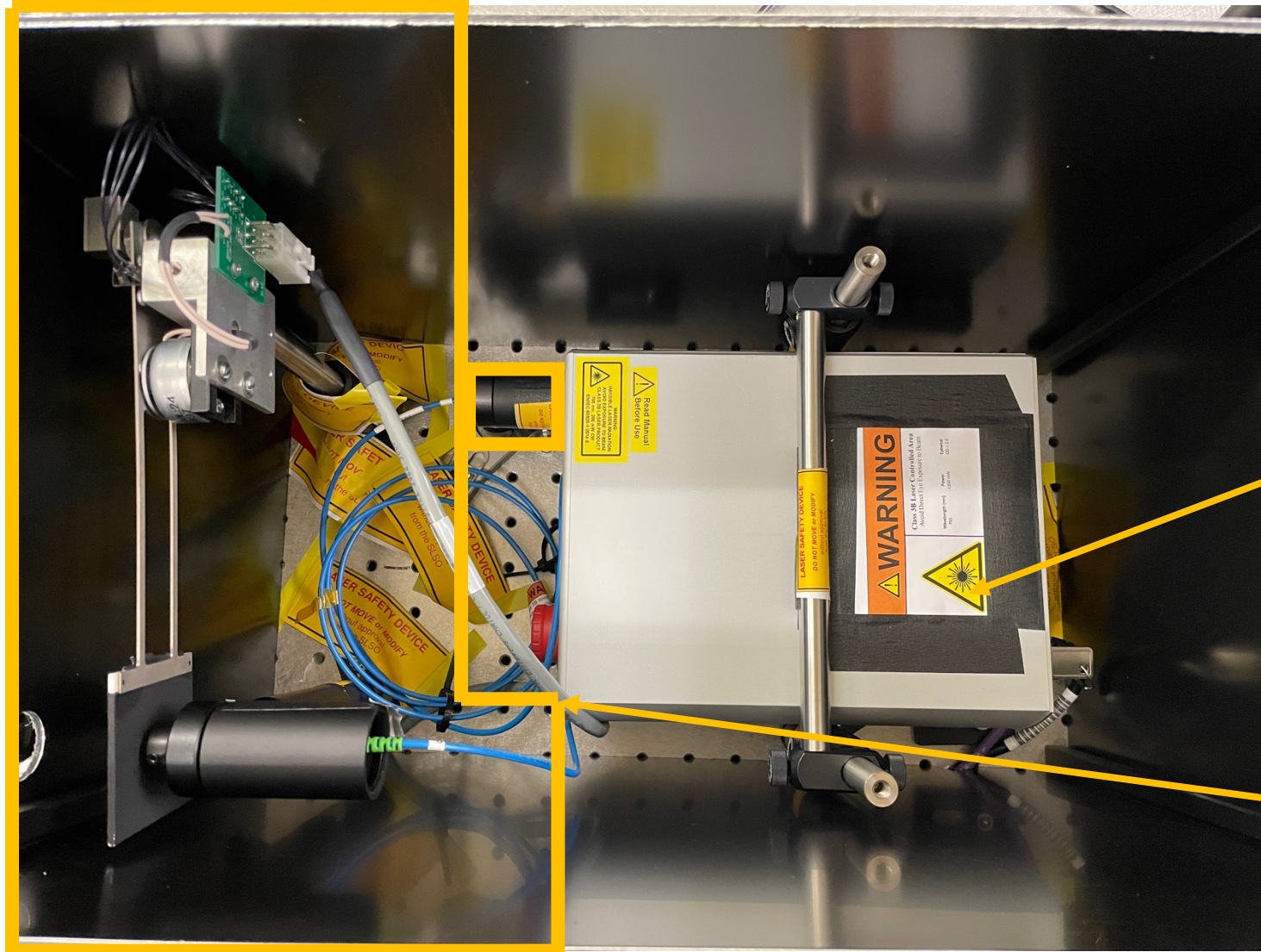
Fibre connection  
(enclosed by lens tube)

Laser ON button that  
we need to press



# Proposed enclosure

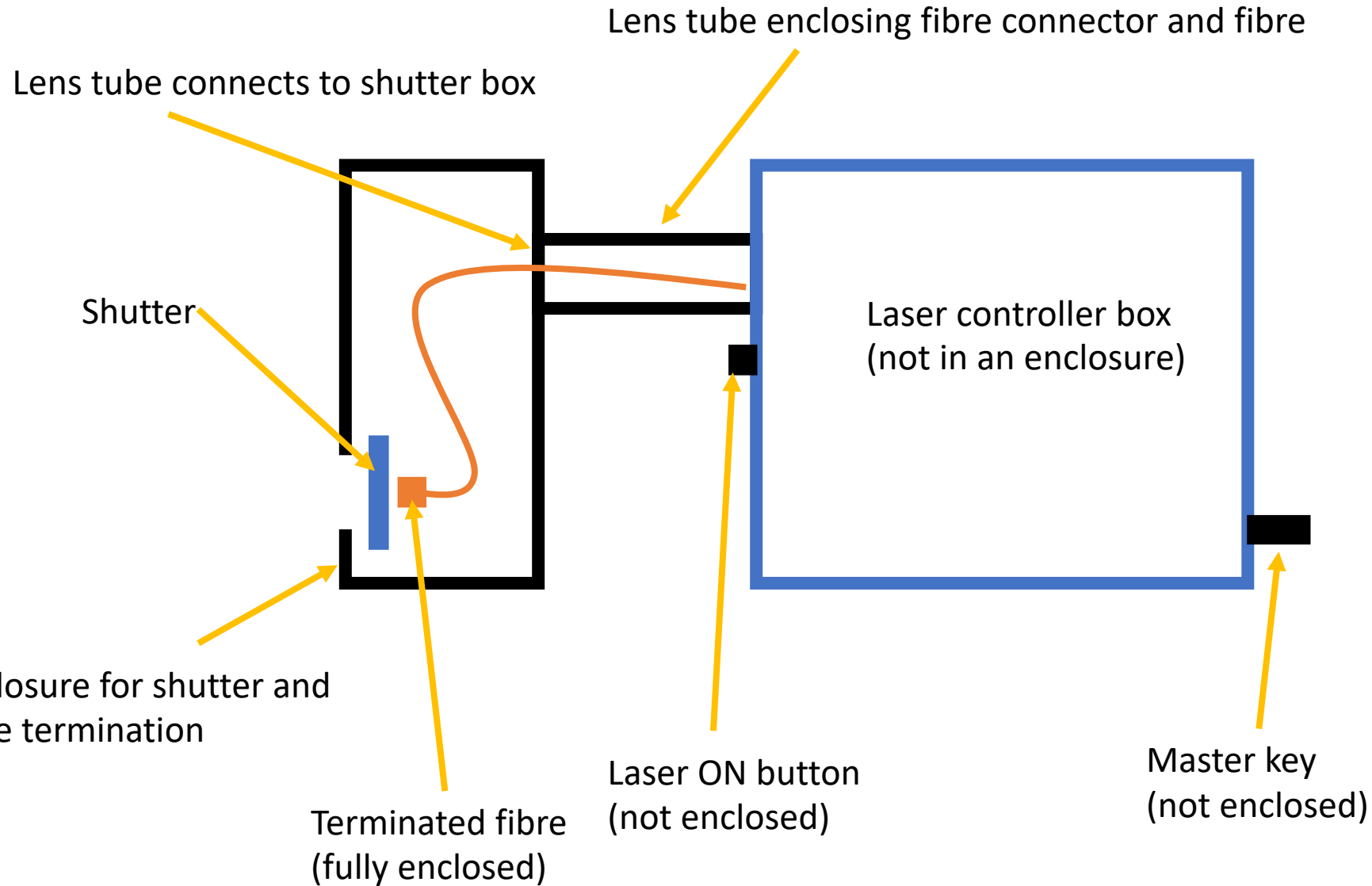
Enclose shutter and fibre



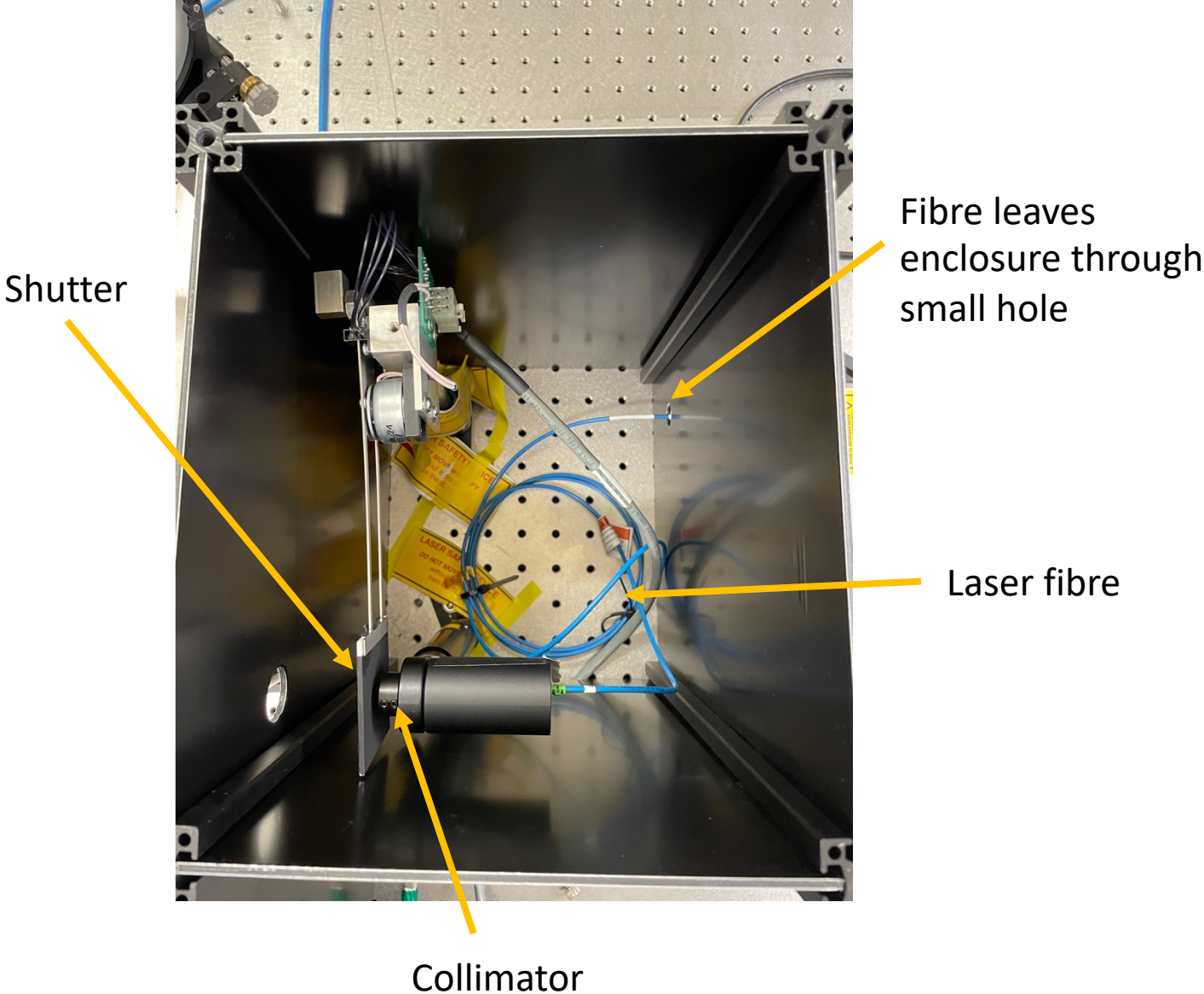
Leave laser controller itself un-enclosed (master key and front button are accessible)

Move controller box a bit further back to make space

# Proposed enclosure



# Modified enclosure, inside (09/08)





# Modified enclosure, outside (09/08)

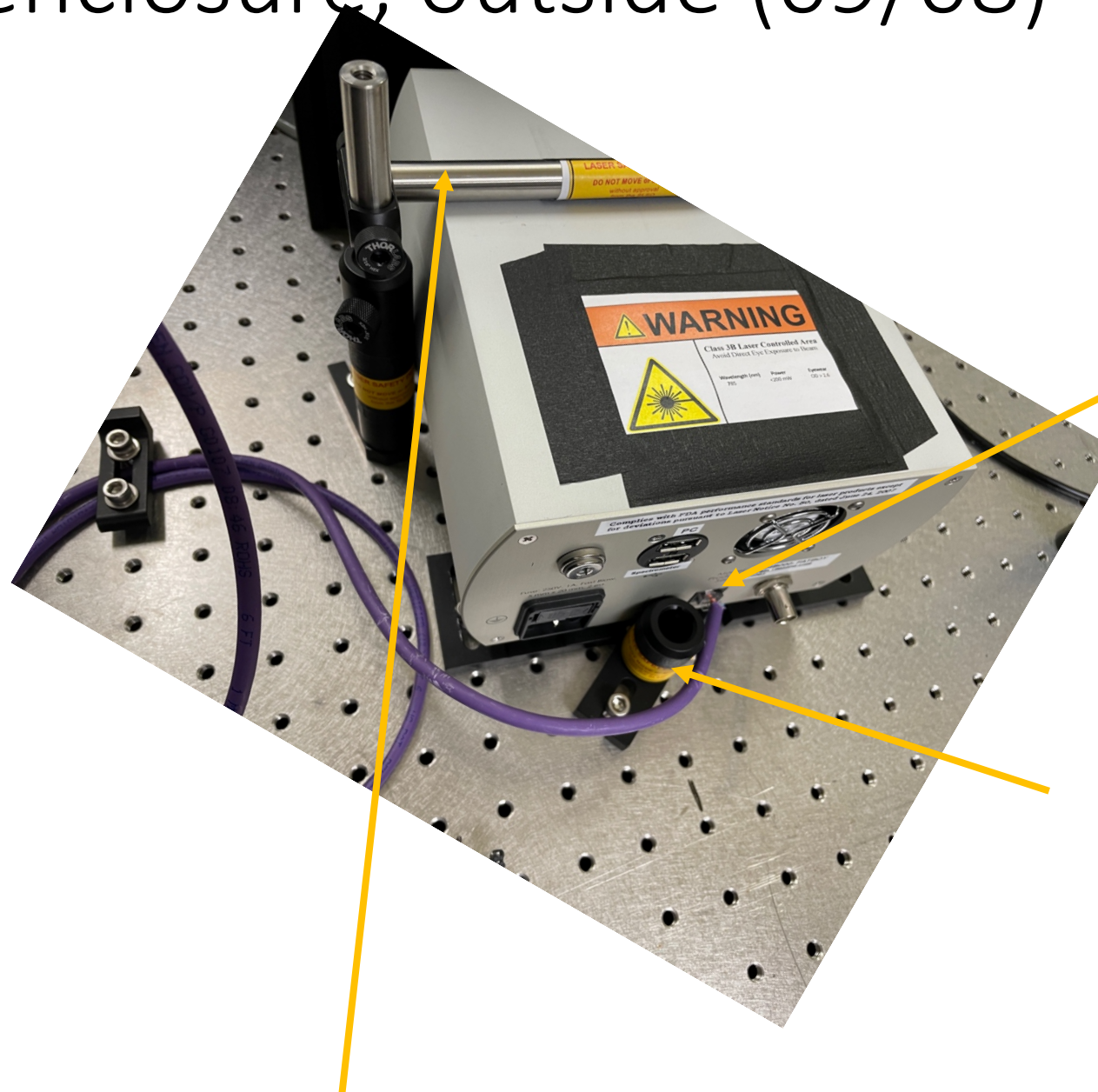
Lens tube enclosing fibre connector and fibre (tube and clamp labelled as laser safety device)

Laser ON button and status LED now accessible



Laser clamped down (post and post holders labelled as laser safety devices)

# Modified enclosure, outside (09/08)



Power interlock cable

Post holder to stop someone from pulling the box and exposing the fibre connector on the other end

Laser clamped down (post and post holders labelled as laser safety devices)

# Modified enclosure (closed) (16/08)

