



Al Conrad <aconrad@lbto.org>

Fiber (was "Re: iLocator/LBT Monthly Call - Wed 16th November")

Matthieu Bec <mbec@lbto.org>

Thu, Jan 19, 2023 at 4:31 PM

To: Al Conrad <aconrad@lbto.org>, Roberto Piazzesi <roberto.piazzesi@inaf.it>, fernando pedichini <fernando.pedichini@inaf.it>

Cc: Stephen Hooper <shooper@lbto.org>

Dear All,

cc. Stephen

Condensed recap of our meeting today:

- shark-vis will locate their camera controller PC in the tree-house
 - no need for usb extender and long run fiber
 - this eliminates concerns about using an unsupported "out-of-spec" solution
 - vibration concern is moot (already quite some equipment in the enclosure)
 - no thermal concern (cabinet has the capacity)

AI#1 LBTO to formalize this decision (AI C.)

- shark-vis will need to transfer (extreme case) 5TB / night
 - requires > 2Gbs link

AI#2 LBTO to confirm link cabality

- * DONE - Stephen confirmed we already have a 10 Gbs switch in ULTH

- shark-vis will use the "standard" obs stations in the control room
 - * remote desktop to their computers
 - * no specific latency/bandwidth concerns are expected

- shark-vis should have a KVM for their PCs in CRB (e.g. and preferably web based)

AI#3 LBTO to confirm KVM availability

- * DONE - Stephen said our KVM is already quite crowded
- shark-team should provision their own KVM
LBTO can make suggestions for standardization benefits

Thanks,
Matthieu

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