ACTL-TIME: Report on recent activities

Arnim Balzer for the ACTL-TIME sub-work package
ACTL-TIME Camera Call, SeeVogh
May 24, 2016

Mailinglists

- Created two temporary mailing lists until official CTA mailing lists are available

  - cta-actl-time@list.uva.nl

  - cta-actl-time-com@list.uva.nl

- Please let me know if your email address has changed until the official mailing lists are created

  - No automatic synchronisation with CTA user database

Consortium Meeting Kashiwa

- ACTL Parallel session Monday
  - ACTL-TIME Report went fine, no comments

- Cross WP ACTL vs. CAM (TIME) session Tuesday
  - Very large audience (everyone was present)
  - ACTL-TIME Activity Update went fine, no comments received
  - Camera UCTS Implementation talk went fine, also no comments

- Unofficial "blessing" of the Project Manager to continue

Upcoming draft circulations

- Draft for network bridge between timing & data network will be circulated next week

- Draft for trigger message content will also be circulated next week

UCTS Counter Reset

- Two options:

  - Reset from Camera to UCTS

  - Reset from UCTS to Camera

- Issue: No LVDS signal directly foreseen for reset

- Possible solution: "Software" reset via Camera Controller

  - Camera Controller asks Camera Electronics and UCTS (via UCTS slow control interface) to reset counters

  - Camera Electronics resets counter directly after next PPS pulse and waits for resume command by Camera Controller

  - UCTS resets counter directly after next PPS pulse and sends acknowledge back to Camera Controller

  - Camera Controller notifies camera to resume

- Alternative: Encode in external trigger signal?