

# LICOS To dos

- Configuration files (LATc, LCI, etc) (JHP, LHM)
  - ~~Jim & Byron's LATTE -> LICOS XML conversion tool~~
  - ~~Addition of FMX headers~~
  - Verification of file upload (processing telemetry from diagnostic stream)
  - MOOT/MOOD status (API definition)
- Archivers (JHP, done)
- Power up/down scripts (LAT00x/LAT01x) (ST)\*\* Test bed/LAT vs small test stand instances
- Safe mode script (LAT08x) (JHP)
- File handling script (LAT04x) (JHP)
- Science data handling (RC, MEH, JJ, Eric Charles)
  - ~~VSC portion~~
  - ~~Packet sorting and reassembly~~
  - ~~Decompression~~
  - ~~LDF augmentation~~
  - ASC handling
- LCI scripts (LAT30x, LAT31x, LAT40x, LAT41x, LAT50x, LAT51x) (LHM)
- LPA scripts (LAT22x) (LHM)
- Remaining scripts: LAT Performance and Operations test cases (all)
- Run number handling
  - Location identifier
- Runs database
  - ~~E-logbook~~
  - ~~Insertion of run information from ScriptEngine~~
  - Science data handler interface
  - Analysis script interface
  - ~~Grouping of suite instigated runs~~
  - Grouping of analysis runs with DAQ run
- Non-FSW configuration (JHP)
  - ~~Archivers~~
  - VSC/SC location
  - Serial numbers
  - Opaque blocks
- Installers (PFK)
  - ~~LICOS~~
  - ~~FSW~~
  - ~~VSC~~
  - ~~E-logbook~~
  - MOOT
- Shell scripts (launcher, etc.)\*\* Launch RunControl (and other LATTE bits)
  - ~~Launch ScriptEngine (and other LICOS bits)~~
  - ~~Launch E-logbook~~
- LICOS release preparation\*\* V&V
- LATTE release to resolve issues uncovered by running in Linux\*\* Font issues
  - ~~Case sensitivity~~
  - ~~IP port reuse~~
  - ~~Multiple instances on one CPU~~
  - ~~Read only issues for .cfg files~~
- Mobile racks
  - ~~LATTE demo~~
  - ~~E-logbook demo~~
  - ~~LICOS demo~~
  - ~~Installers~~
  - ~~Validation~~
  - Documentation
  - Machine IDs
  - 2nd rack installation
  - Create ODS user account
  - Create accounts for Sergio, Owen (needs root), Joanne, Kim, Tony W.
  - Set up desktop of ODS user
  - Work out disk layout\*\*\* Ancillary, data, reports, etc.
    - ~~Stash files~~
    - ~~Multiple drives~~
  - Training of John and Rodney to do installations
  - John to update installation and CM procedures
  - NRL certification work\*\*\* Set up machines
    - Set up test(s)
    - Provide instructions to NRL team
- Mobile workstations
- Mobile displays/keyboards/mice
- CVS
  - Package for shell scripts (LICOS\_etc?)
  - Package for configuration files (LICOS\_configs?)
  - Package for scripts (LICOS\_scripts?)
  - Package for tools (LICOS\_tools?)
- Suite handling\*\* Automatically create suite summaries
- FastCOPY maintenance

- Usage with LATTE
  - Archive file playback
  - Thermal group support
    - Telemetry Table GUI .cfg file for their needs
    - .cfg file for environmental data transfer to NRL Windows machines
    - Port thermal GUI used at Lockheed (Jana)
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#### Jim's personal to-dos

- Alarm Handler
  - ~~Alert propagation up the chain (30 min)~~
  - ~~Disable individual alarms from GUI (3-4 hr)~~
  - Disable groups from config file (2-3 hr, combined w/ above)
  - Disable alarms from other scripts (4-6 hr, cvt protocol work)
  - Email alerts (Req: email gateway. 1-3 hr)
  - Text formatting (Lo priority)
  - Full LAT alarm configuration (3-4 hr)
- Core LICOS
  - ~~FILE delete Directory return status (20 min)~~
  - ~~File uploads to EPU (3-6 hr)~~
  - ~~FILE state machine checking in primary boot (2-4 hr)~~
- Trending DB purge cron job (3-6 hr)
- Strip Chart configurations (2-3 hr)
- Find out why FreeSpace is throwing an exception during export (1-2 hr)
- ~~Runs db work with Lester (2-4 hr)~~
- - LAT04x changes from R. Baun:
    - ~~add csv files to export~~
    - remove extraneous print statement (debug state)