SVTVME status report 12 Dec 2000

- work program until March 1
- not all the work, will update
- need to keep time for other jobs as well
  - HitBuffer n.1
  - HB documentation (AMS as well ?)
  - upgrade/adapt/develop test code for HB + ...
  - all the stuff that is not in the list
  - scattered help on hw/sw
  - computing for italian analysis
  - security
  - ...

SVTVME 1: before 2001

- import local version in Trieste (Pisa ?)
- start to integrate lookup tables: AMS
  - generate ucode as a functions
  - function for AMS data-sink mode
  - store ucode version and parameters in the RAM itslef as few spurious states.
  - simple function to ena/disa hold and road-limit
- this kind of code is common to offline.
  - Where do we keep it ?
  - General issue for svt_config area.
  - ad hoc workshop with Bill,Giovanni,Alex ?
- better make procedure
  - separate Thomas' stuff
  - .a in place of .o
  - still .o for VxWorks ?
  - handle dependancies (avoid make clean) ?

SVTVME 2: january 2001

- documentation
  - usable web page by Jan 15
  - continous project afterwards
- complete access controls
  - error messages, verbosity level
  - protected/locked boards
- XTF
  - add XTF-A. Not trivial. $>$ 64-bits words.
  - define send-data-out operation for XTF-A
  - add XTF-C (if any)
- flash RAM's (need function from UKY/BA/SC)
  - add methods if any (will slip as needed)

SVTVME 3: february 2001

- smooth code
  - better handle of some global variables
  - clean-up, simplify HF/TF calls
  - more macros, less lines
  - TF/HF has some different methods for cold start
  - integrate Bill's VME access by many words, blocks etc.
  - better define needed elementary steps, and improve usage of common low level step
  -
- cpu boot
  - boot customisation by crate of initial values
  - need to put startup scripts out of cdf_svt
  - not my task (in principle)
  - nobody's task (in principle) like fixing b0svt07....