

# French CFHTLS Users Meeting

## November 06-07, 2006

### Terapix releases

#### Terapix team

Bertin, Dantel-Fort, Domisse, Magnard, Marmo,  
McCracken, Mellier, Rojbi, Schultheis

# Terapix release T0003

## STEP1:

individual qualitycontrol and grades,  
weightmap images, individual catalogues

10208 images: deep, wide, very-wide

Delivered to CADC and distributed since  
January 2006

# Terapix release T0003

## STEP2:

Astrometric calibration and headers, field-to-field astrometric and photometric calibrations, stacks, chi2 images, catalogues and merged catalogues, quality control

Delivered as « release candidates » between Feb. and July 2006.

Final release: Sept. 2006

# Terapix release T0003

T0003 sample and summary:

[http://terapix.iap.fr/rubrique.php?id\\_rubrique=208](http://terapix.iap.fr/rubrique.php?id_rubrique=208)

Acces to releases:

[http://www2.cadc-ccda.hia-ihp.nrc-cnrc.gc.ca/cfht/cfhtls\\_priv/terapix\\_rc.html](http://www2.cadc-ccda.hia-ihp.nrc-cnrc.gc.ca/cfht/cfhtls_priv/terapix_rc.html)

# Terapix release T0003

## T0003 and the Very Wide data sets:

- Reminder:

-no stacks, only warping/resampling of each individual image + catalogues and quality control. i.e. No data compression: we have as much output as input images

- over the 10208 input deep+wide+very wide , we have 3842 very wide (38%)

- But they represent 90% of CPU, disk space and manpower resources. All Terapix resources used between Feb. 2006 to June 2006 for this.

- However: they are not used by the most interested because they produce their own stacks

- Duplication of efforts, impossible to justify this to Terapix personnel, no motivation of the Terapix team to do this although it uses most of our resources

- We asked SG to stop release and produce stacks on request. Production of « release-format » is extremely time/resource consuming. PI-like easier , faster and better correspond to user needs

# Terapix release T0003

## Do we need CFHTLS releases on a 6-month basis?

- No-one can produce scientific works/papers on a 6 month basis, in particular with so much data.
- It may even be confusing for ongoing works because each work may then be an endless process to update
- It increases the pressure on Terapix
- More and more PI data
- Suggestion:
  - One release per year
  - Data delivered on a continuous basis using « release candidates »

# Terapix release T0004

- Will start by Nov. 13 (STEP1)
- Still waiting for 06B data at CADDC to include W4 data
- Full delivery: Feb. 2007
- Deep: 2 stacks for each fields:
  - 25% best seeing
  - 85% best seeing