Common Set Proposal

# Proposed Scene Pool

* CSRC 01, “NTIA outdoor mall with tulips (5e)” from [www.cdvl.org](http://www.cdvl.org) 1080p 25fps 14sec
* CSRC 02, “NTIA Power Dig” from [www.cdvl.org](http://www.cdvl.org) 1080p 30fps 14 sec
* CSRC 03, “NTIA pedestrians cross street on a snowy day (4a)” 1080i 59.94fps last 14 sec
* CSRC 04, SVT 1080p 50fps 14sec, frames [3501 to 4450]. Download:
  + “SVT 1080p 50fps frames 3001 to 4000 of 18677” from [www.cdvl.org](http://www.cdvl.org)
  + “SVT 1080p 50fps frames 4001 to 5000 of 18677” from [www.cdvl.org](http://www.cdvl.org)
  + Take frames [3501 to 4200]
  + Convert to 1080i 50fps for original

# WVGA/VGA PVS Creation

* Convert CSRC 01 & 02 to WVGA. These will be the original format.
* De-interlace and convert CSRC 03 & 04 to VGA. These will be the original format.
* FUB creates 5 PVSs from CSRC 01 (wvga), that span the quality range seen in WVGA2
* Yonsei creates 5 PVSs from CSRC 02 (wvga), that span the quality range seen in WVGA1
* Swissqual creates 5 PVSs from CSRC 03 (vga), that span the quality range seen in VGA1
* Opticom creates 5 PVSs from CSRC 04 (vga), that span the quality range seen in VGA3
* The 4 SRC x (5 PVS + original) will be format converted to VGA & WVGA resolutions and bit-rates, for inclusion into each subjective test.
* Within the super-set, each CSRC’s scores will be taken from the specific dataset mentioned above. These will be compared with the model only within the context of the WVGA/VGA super-set.

# HD PVS Creation

* Original CSRC format is as shown above.
* Ghent creates 5 PVSs from CSRC 01, that span the quality range seen in HD5
* DT creates 5 PVSs from CSRC 02, that span the quality range seen in HD4
* RT-RK creates 5 PVSs from CSRC 03, that span the quality range seen in HD1
* RT-RK creates 5 PVSs from CSRC 04, that span the quality range seen in HD3
* The 4 SRC x (5 PVS + original) will be format converted to all target HD resolutions and bit-rates, for inclusion into each subjective test.
* Within the super-set, each CSRC’s scores will be taken from the specific dataset mentioned above. These will be compared with the model only within the context of the HD super-set.