Bangladesh tidal channel surveys

Within the .mat file:
ADCP data were exported using the River Surveyor program. All files are included here, including examples where the down-river direction was inadvertently reversed. These will be immediately obvious to the observer.

Dry Season:
mar21 - South transect, spring tide, Shibsa river
mar22 - North transect, spring tide, Shibsa river
mar15 - South transect, neap tide, Shibsa River
mar16 - North transect, neap tide, Shibsa River

Wet Season:
shib_n_mon_neap - north transect, neap tide, shibsa river
shib_n_mon_spring - north transect, spring tide, shibsa river
shib_s_mon_neap - south transect, neap tide, shibsa river
shib_s_mon_spring - south transect, spring tide, shibsa river

Pressure/Turbidity cast data:
These data were exported using the Ruskin software. structure elements labeled "SSC" were calibrated based on physical samples in the August 2015 excel spreadsheet.
shib_n_0902 - north transect, spring tide, shibsa river
shib_n_0907 - north transect, neap tide, shibsa river
shib_s_0831 - south transect spring tide shibsa river (1)
shib_s_0830 - south transect spring tide shibsa river (2)
shib_s_0908 - south transect neap tide shibsa river

CTD/Turbdity from long-term station. Multiple concatenated deployments here. Optical backscatter data were calibrated based on samples collected and presented in the March 2015 excel spreadsheet.
sut_14146 - temperature, depth, conductivity 2014-2016
sut_obs_1415 - optical backscatter 2014-10/2015
sut_obs_0516 - optical backscatter 20/2015-5/2016

The **Excel files** contain the data from the filtered water samples.