

Filename: fxxxxyyzz

xxx is a 3 digit number that uniquely identifies a parent file name that corresponds to a particular target elevation angle (antenna depression angle) with respect to the radar. Note several phase history blocks (files) have the same 3 digits as each elevation slice has been processed into several files corresponding to specific target aspects and transmit/receive polarization.

yy defines the transmit/receiver polarization (e.g., VV implies transmit vertical/receive vertical)

zz defines the phase block (file) number for a given elevation slice and polarization pair.

This number can be translated to a nominal target aspect using:

Target Aspect @ Aperture Center = $zz * 4.25 + 39.5 * 0.05$ (Degrees)

Note: The indicated antenna depression angle in the pre-appended header is incorrect. The correct depression angle for each of the file sequences are listed below:

File Sequence Name	Corrected Depression Angle (deg)
f101****	27.9909
f102****	28.1371
f103****	28.2818
f104****	28.4291
f105****	28.5711
f106****	28.7175
f107****	28.8598
f108****	29.0044
f109****	29.1478
f110****	29.2917
f111****	29.4332
f112****	29.5754
f113****	29.7162
f114****	29.8603
f115****	29.9994
f116****	30.1409
f117****	30.2801
f201****	30.4207
f202****	30.5610
f203****	30.7000
f204****	30.8366
f205****	30.9757
f206****	31.1135
f207****	31.2508
f208****	31.3868
f301****	31.5234
f302****	31.6604
f303****	31.7971
f304****	31.9334

*** denotes appropriate values for yyzz