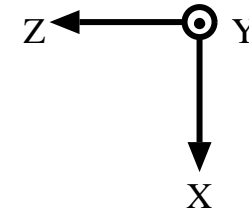


HMS DC Survey



$\theta=25$ degree survey
line/optical axis

2.758 cm

1.67 cm

Survey Results for nov 1995,
from Jan 1996 data transmittal #199.

Center Positions:

DC1: $x=-1.67\pm0.075$ cm
 $y=-0.343\pm0.075$
 $z=-51.923\pm0.1$

DC2: $x=-2.758\pm0.075$
 $y=-1.653\pm0.075$
 $z=+29.299\pm0.1$

Rotations:

DC1: $-.0376()$ deg. about -x (yaw)
 $.041()$ deg. about +y (pitch)
 $.071()$ deg. about +z (roll)

DC2: $.145()$ deg. about +x
 $-.054()$ deg. about -y
 $.153()$ deg. about +z

HDC2:
 $z=+29.299$

Focal Plane
 $z=0$

HDC1:
 $z=-51.923$

Downstream edge
of HMS Dipole
 $z=-625.0$ cm

0.054 degree pitch
from optical axis

0.041 degree pitch
from optical axis