By definition, we have D= - Pay and DVO = - SP

For Dy = 0.01%, we have D= p Dvol

., Dxb= D/01 x 101000

If we set face value to be 100, then he have

DxP= F x DVO | x /50

8,2

1, 47eld of "6.5s of Aug 15,2004" is assumed to move 0,9619 basis points for every basis point more of the "65 of May 15, 2011".

let Bond2 he " 65 of May 15, 2011".

let bonde in as if in a

Fronds be the face value for this bond, then we have

10,000,000 × (2.796) × (0.9619) = Fbowl × 7,499

.. Florand = \$3.5864m

=) We have to short \$3,5864 m of bond2 to hedge \$10m face value position of "6,5s of Aug 17, 2014".