

16-Dec-04

RHIC Spin Plan Example Schedule---DRAFT

10 Week Physics Plan

<u>Fiscal Year</u>	<u>Spin Physics Weeks</u>	<u>CM Energy P</u> GeV	<u>Q: how to show range?</u>			<u>Q: how to show other upgrades?</u>	<u>Q: how to show completion of detectors?</u>
			<u>L delivered</u> pb <sup>-1</sup>	<u>L Phenix*</u> pb <sup>-1</sup>	<u>L Star*</u> pb <sup>-1</sup>	<u>P<sup>4</sup> x L</u> pb <sup>-1</sup>	<u>Remarks</u>
2002	8	200	0.15		0.3		First pol pp collisions! Transverse spin
2003	10	200	0.27		0.2		Spin rotators commissioned, first helicity measurements
2004	1	200	0.4				New betatron tune developed First jet absolute measurement of P
2005	10	200	0.5	10 to 20	3 to 7		Studies for 500 GeV start
2006	10	200	0.7				NEG vacuum coating complete AGS Cold Snake commissioned
2007	0						
2008	20	200	0.7				Completes L=100 pb <sup>-1</sup> goal for 200 GeV
2009	10	500	0.7				Phenix muon arm trigger installed Star forward tracking installed ?
2010	10	500	0.7				Phenix, Star
2011	10	500	0.7				Completes L=250 pb <sup>-1</sup> goal for 500 GeV
2012							