FTPC Drift Maps

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innerRadiusSensitiveVolume = 7.73
outerRadiusSensitiveVolume = 30.05 (Frisch grid)

stepSizeDriftField = 1.00

Use Joern's macro drift_konstanten.C(kV) where kV = cathode voltage in kV to determine:
- minimumDriftField
- maximumDriftField
- radiusTimesField

Then round minimumDriftField down to the preceeding multiple of 10 and round maximumDriftField up to the next multiple of 10.

numberOfEFieldBinsUsed = maximumDriftField - minimumDriftField + 1

EField(kV)	minimumDriftField	maximum drift field	numberOfEFieldBinsUsed	radiusTimesField
10	240 = 30.687918	1000 = 7.3651	761	7365.1
11	260	1050	791	8101.62
12	290	1150	861	8838.13
12.5	300	1200	901	9206.38
15	360	1460	1101	11047.66

The drift_konstanten.C macro is archived in $CVSROOT/StRoot/StFtpcDriftMapMaker/macros