E-Cool MI30 & 31 Devices

Rev 3 02/23/05
give comments to:
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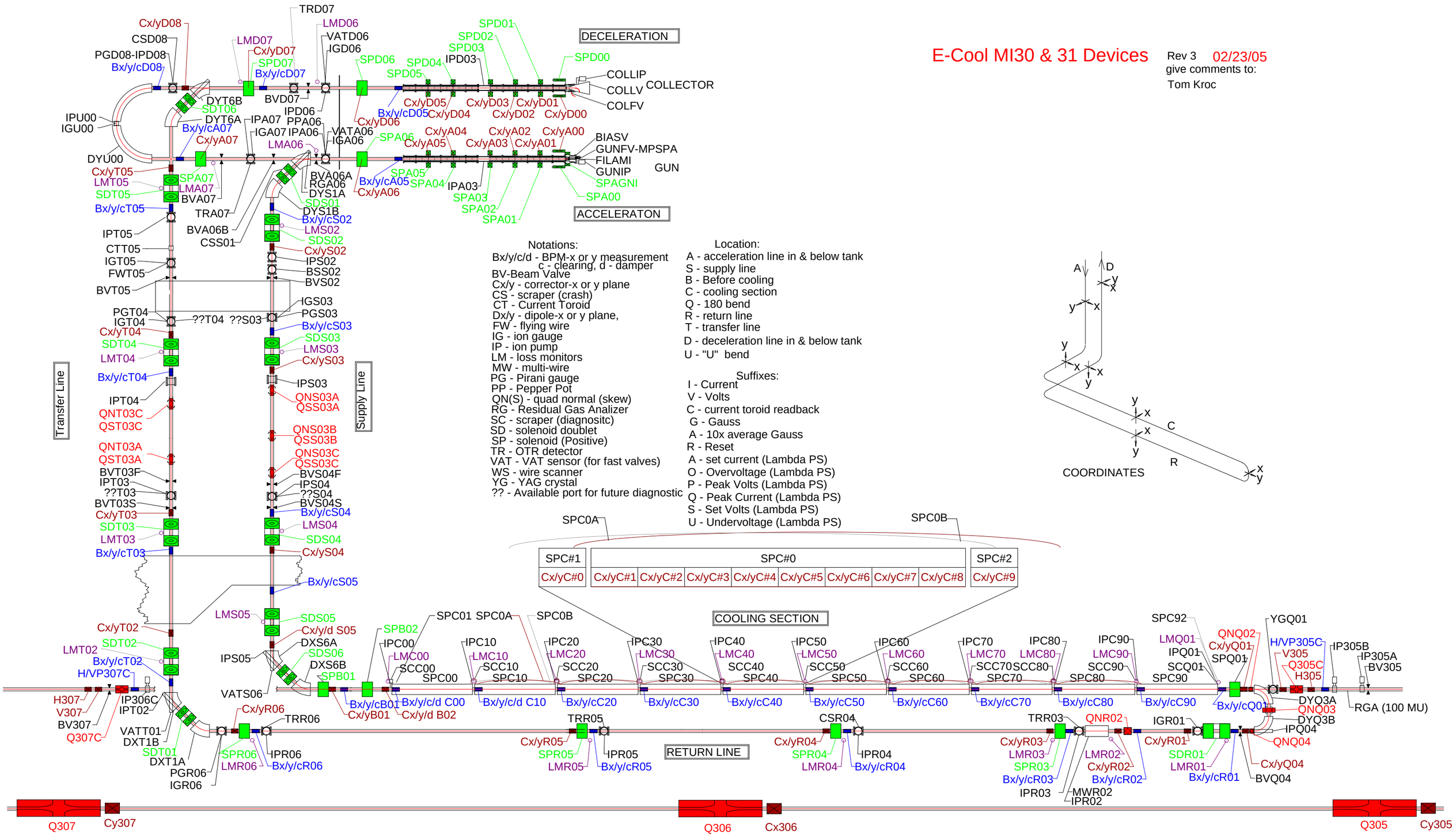

Notations:
Bx/y/c/d - BPM-x or y measurement
c - clearing, d - damper
BV-Beam Valve
Cx/y - corrector-x or y plane
CS - scraper (crash)
CT - Current Toroid
Dx/y - dipole-x or y plane,
FW - flying wire
IG - ion gauge
IP - ion pump
LM - loss monitors
MW - multi-wire
PG - Pirani gauge
PP - Pepper Pot
QN(S) - quad normal (skew)
RG - Residual Gas Analizer
SC - scraper (diagnositc)
SD - solenoid doublet
SP - solenoid (Positive)
TR - OTR detector
VAT - VAT sensor (for fast valves)
WS - wire scanner
YG - YAG crystal
?? - Available port for future diagnostic

Location:
A - acceleration line in & below tank
S - supply line
B - Before cooling
C - cooling section
Q - 180 bend
R - return line
T - transfer line
D - deceleration line in & below tank
U - "U" bend

Suffixes:
I - Current
V - Volts
C - current toroid readback
G - Gauss
A - 10x average Gauss
R - Reset
A - set current (Lambda PS)
O - Overvoltage (Lambda PS)
P - Peak Volts (Lambda PS)
Q - Peak Current (Lambda PS)
S - Set Volts (Lambda PS)
U - Undervoltage (Lambda PS)