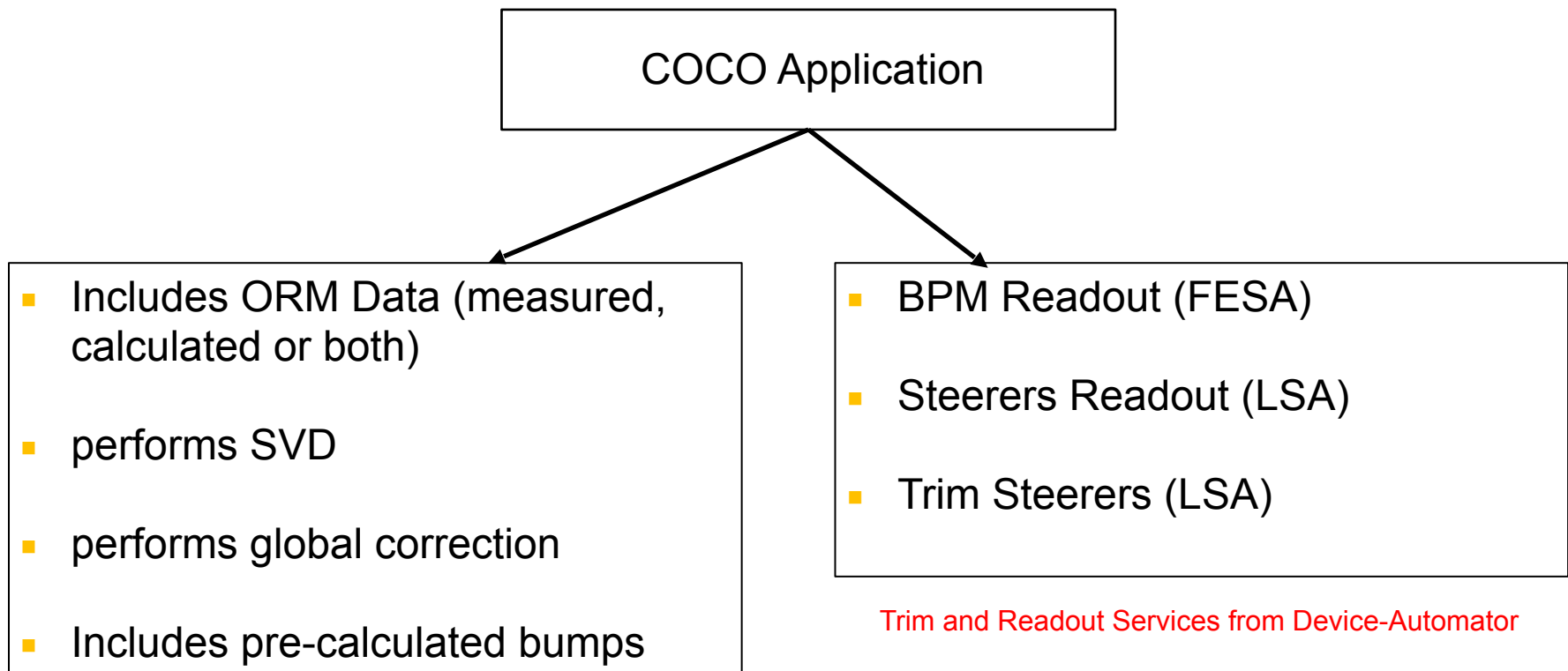


COCO Application

Idea: develop an application for the orbit corrections and manipulations

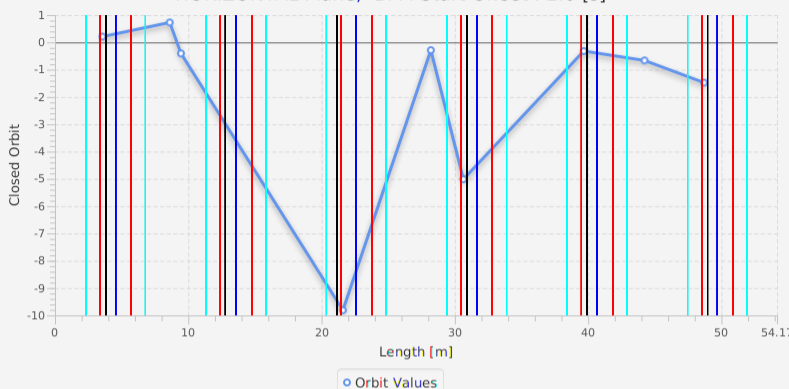


COCO Application

Unnamed Window

CRYRING | CRYRING_D_local_source | Choose one Beam Process: CRYRING_D_local_source.C1.CRYRING_RING_RING_INTERME... | ORM_SVD_MADX_CRYRING.txt

HORIZONTAL Plane; BPM Start Offset : 2.0 [s]



Global Correction
Reset the chart
Update ORM

Knob	[mm]	[mrad]
ECoolerH	0.0	0.0
TargetH	0.0	0.0
LaserH	0.0	0.0

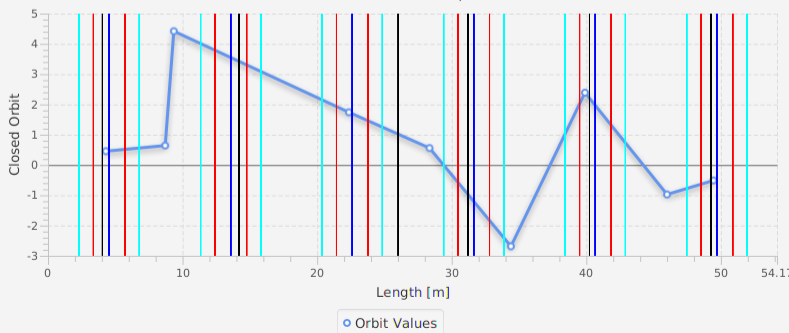
Use	BPM	CO [mm]
<input checked="" type="checkbox"/>	YR02DX1H	0.212
<input checked="" type="checkbox"/>	YR03DX1H	0.73
<input checked="" type="checkbox"/>	YR03DX4H	-0.404
<input checked="" type="checkbox"/>	YR06DX1H	-9.811
<input checked="" type="checkbox"/>	YR07DX1H	-0.285
<input checked="" type="checkbox"/>	YR08DX1H	-5.013
<input checked="" type="checkbox"/>	YR10DX1H	-0.317
<input checked="" type="checkbox"/>	YR11DX1H	-0.662
<input checked="" type="checkbox"/>	YR12DX1H	-1.475

Use	STEERER	[mrad]
<input checked="" type="checkbox"/>	YR02KH	0.53
<input checked="" type="checkbox"/>	YR04KH	2.25
<input checked="" type="checkbox"/>	YR06KH	-1.48
<input checked="" type="checkbox"/>	YR08KH	-1.2
<input checked="" type="checkbox"/>	YR10KH	0.97
<input checked="" type="checkbox"/>	YR12KH	3.17

Trim | Trim using UI Values | Trim using UI Values

Scaling Factor for Global Correction:

VERTICAL Plane;



Global Correction
Reset the chart

Knob	[mm]	[mrad]
ECoolerV	0.0	0.0
TargetV	0.0	0.0
LaserV	0.0	0.0

Use	BPM	CO [mm]
<input checked="" type="checkbox"/>	YR02DX2V	0.456
<input checked="" type="checkbox"/>	YR03DX2V	0.643
<input checked="" type="checkbox"/>	YR03DX3V	4.42
<input checked="" type="checkbox"/>	YR06DX2V	1.741
<input checked="" type="checkbox"/>	YR07DX2V	0.56
<input checked="" type="checkbox"/>	YR08DX2V	-2.686
<input checked="" type="checkbox"/>	YR10DX2V	2.389
<input checked="" type="checkbox"/>	YR11DX2V	-0.973
<input checked="" type="checkbox"/>	YR12DX2V	-0.51

Use	STEERER	[mrad]
<input checked="" type="checkbox"/>	YR02KV	-2.13
<input checked="" type="checkbox"/>	YR04KV	-2.07
<input checked="" type="checkbox"/>	YR07KV	-1.06
<input checked="" type="checkbox"/>	YR08KV	-1.39
<input checked="" type="checkbox"/>	YR10KV	-2.61
<input checked="" type="checkbox"/>	YR12KV	-2.99

Trim | Trim using UI Values | Trim using UI Values

Console | Tasks

15:09:43 - Update of FESA and LSA parameter values. Build UI for Vertical Plane

COCO Application: global correction (hor)

BI Expert Instrument Control

