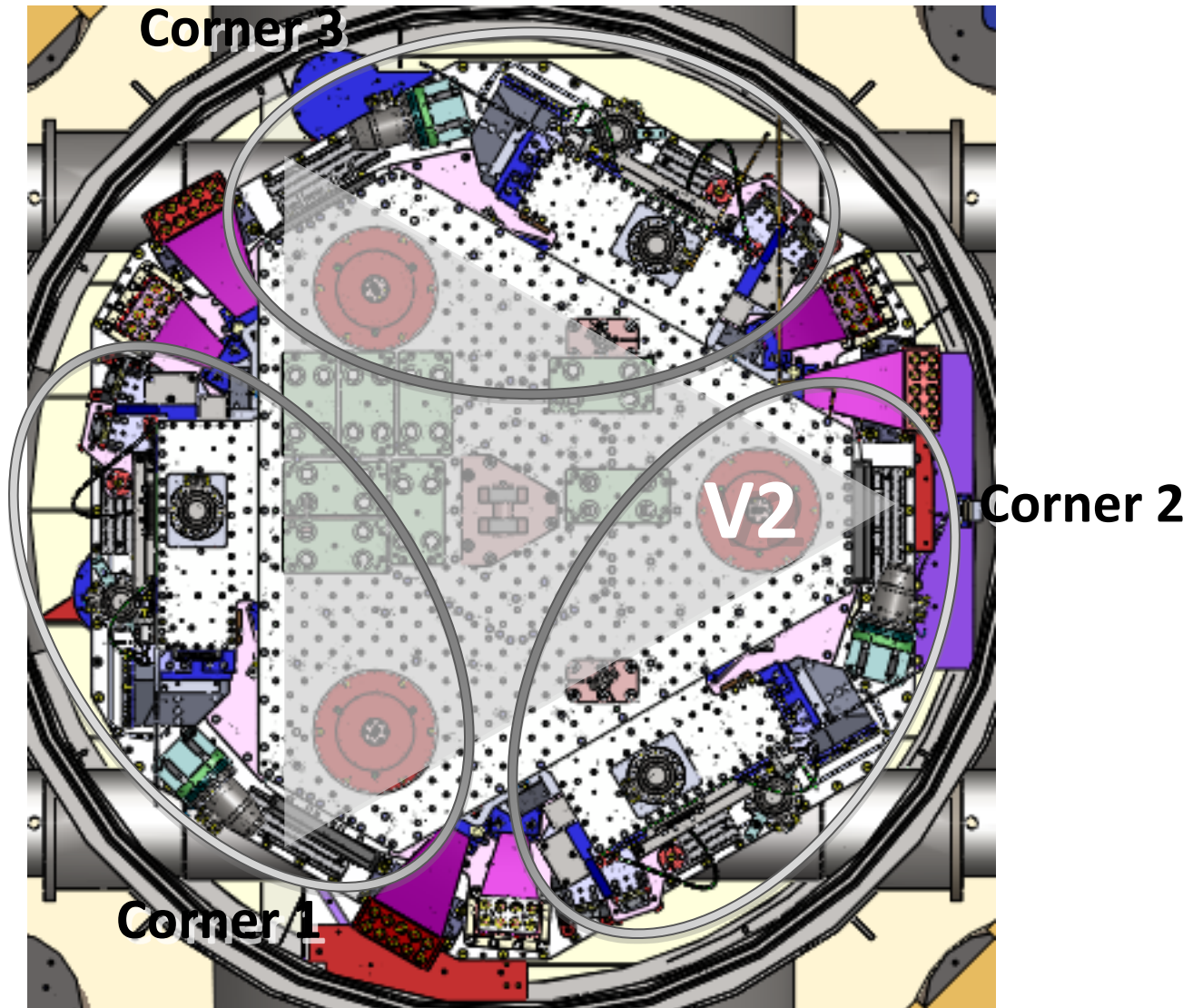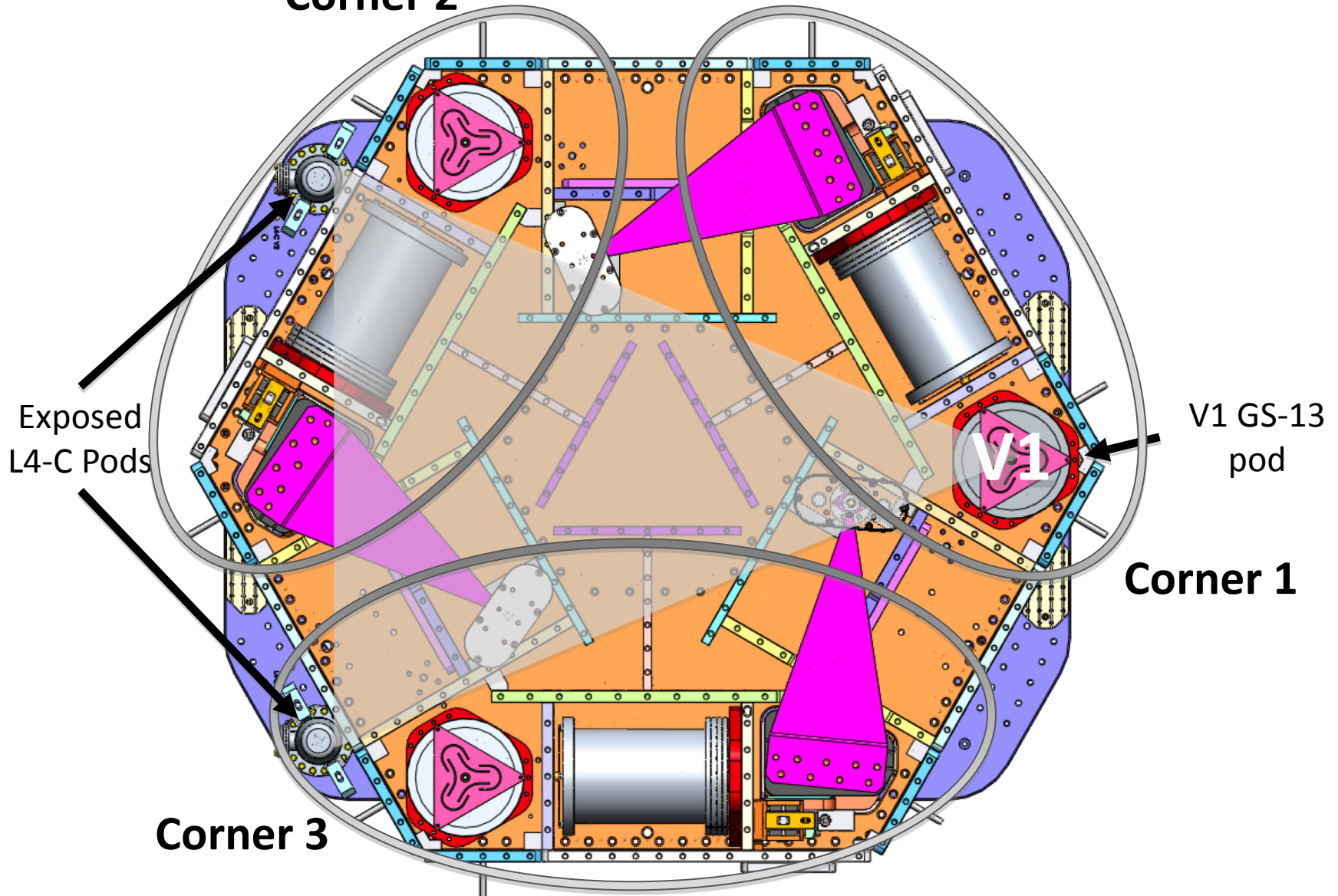We define the orientation of the BSC ISI using the grey isosceles triangle below.

The base of the triangle spans the support tubes; the rest of the triangle follows the shape of the keel plate

We define the orientation of the HAM ISI using the grey isosceles triangle below.
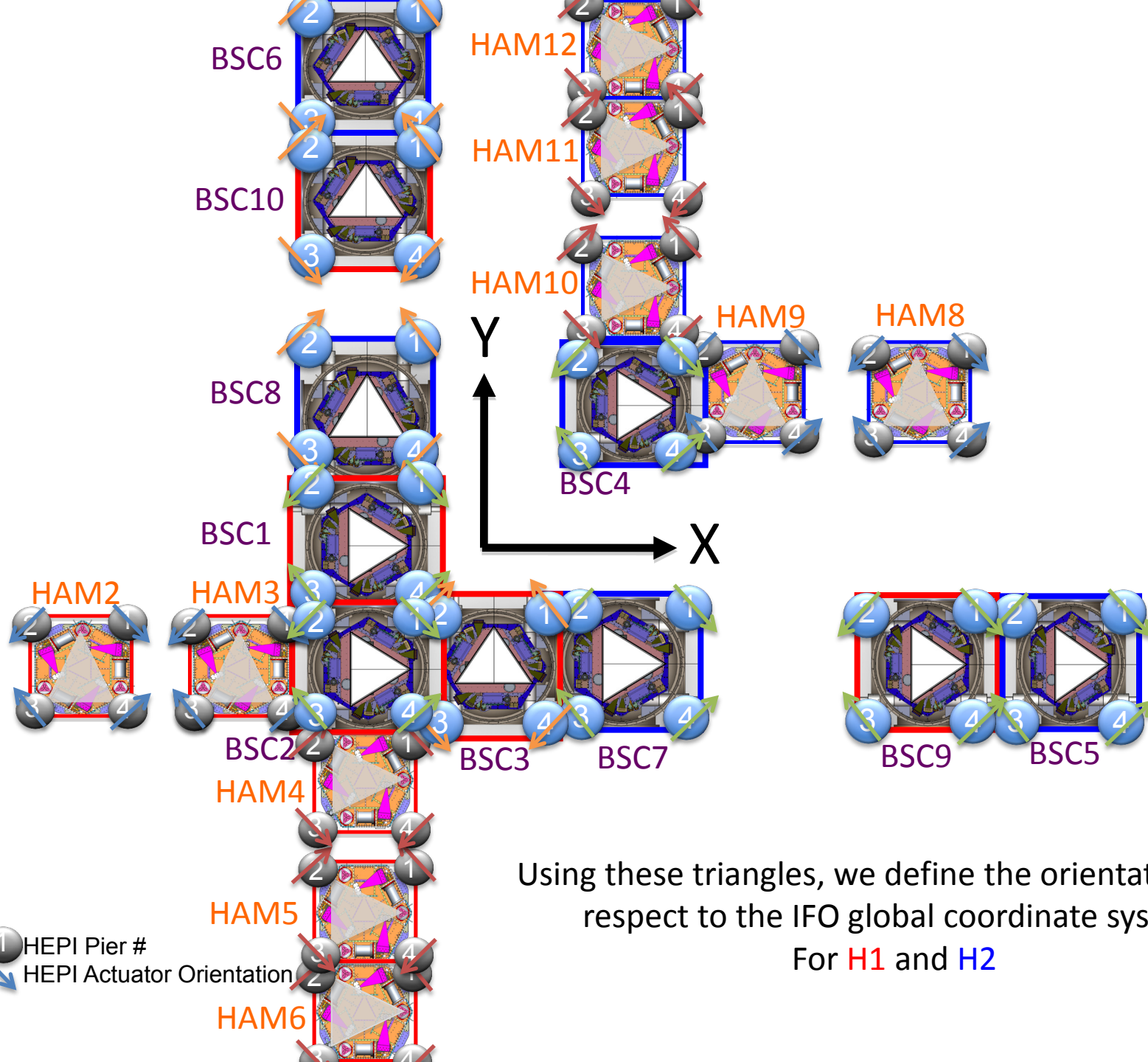
Corner 2

Exposed L4-C Pods

V1 GS-13 pod
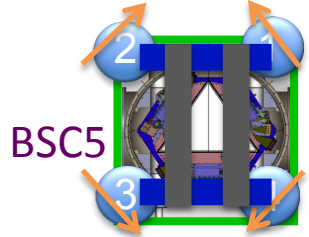
V1

Corner 1

Corner 3

From a top-down view, the base of the triangle is formed by the two exposed L4-C pods, and the tip of the triangle is formed by the V1 GS-13 pod.

BSC6

HAM12

BSC10

HAM11

HAM10

HAM9   HAM8

BSC8

BSC4

BSC1

HAM2   HAM3

BSC2   BSC3   BSC7   BSC9   BSC5

HAM4

HAM5

① HEPI Pier #
HEPI Actuator Orientation

HAM6

Using these triangles, we define the orientation with respect to the IFO global coordinate system
For H1 and H2
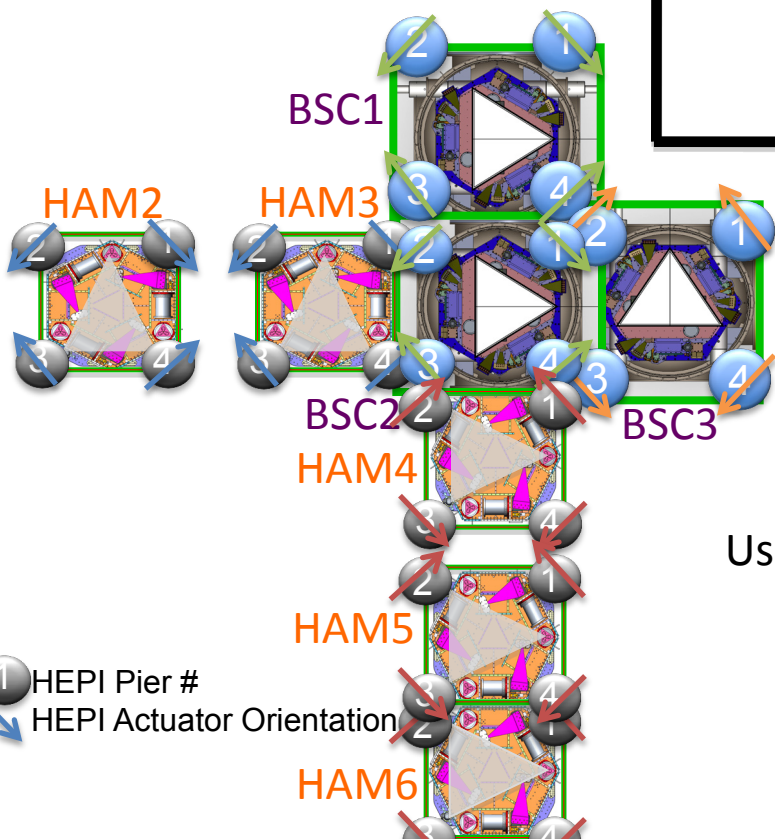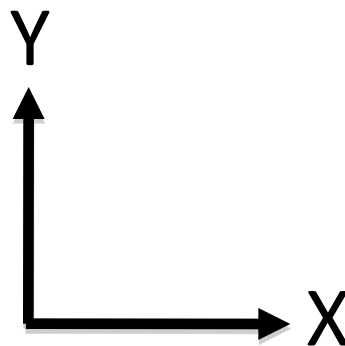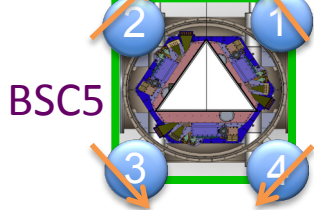
BSC5

Y

X

BSC1

HAM2   HAM3

BSC2

HAM4

HAM5

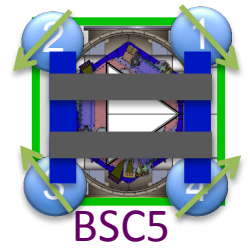HAM6

BSC3

BSC5

HEPI Pier #
HEPI Actuator Orientation

Using these triangles, we define the orientation with respect to the IFO global coordinate system
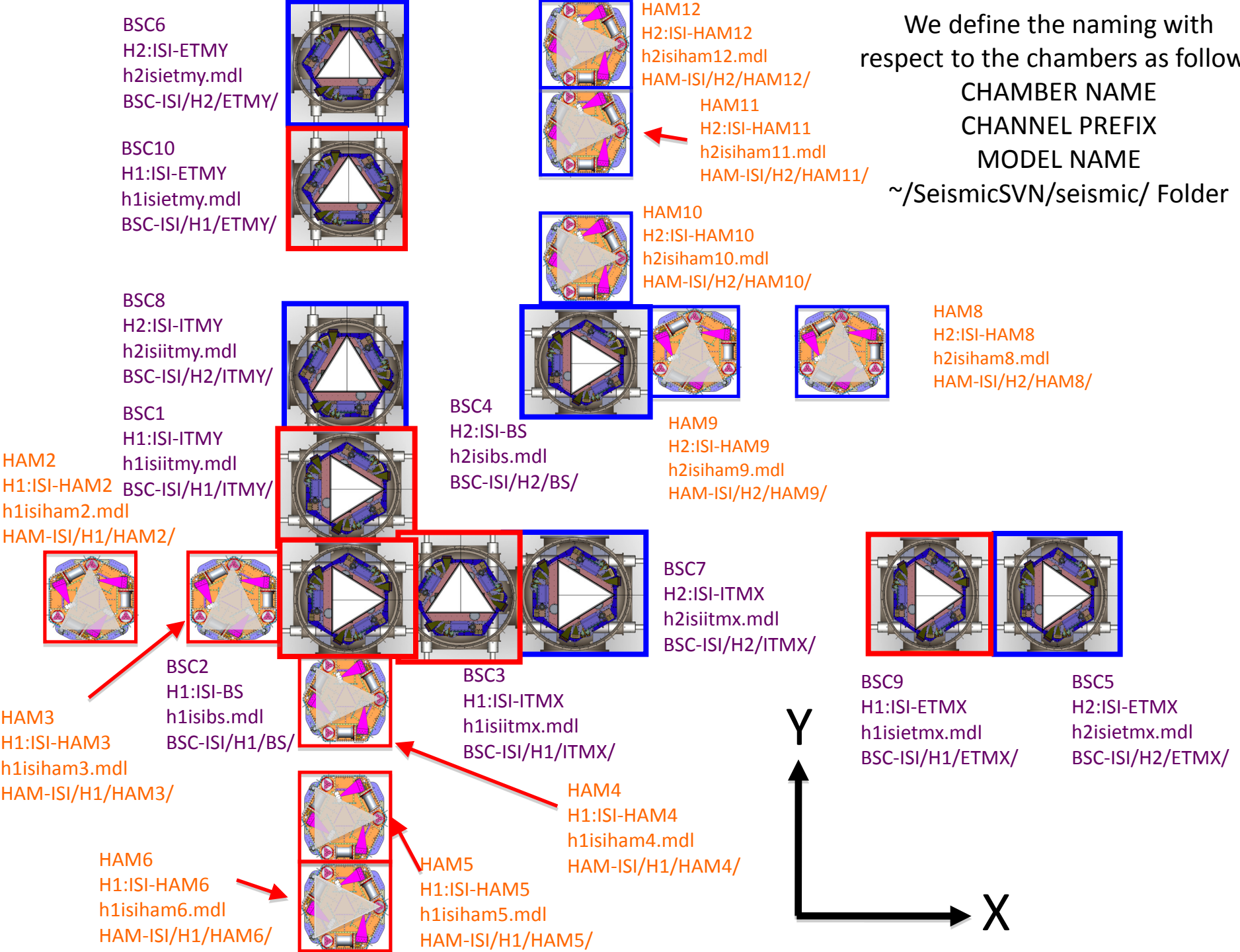For L1

BSC5

HEPI Cross Beams
Orientation
L1&H1

Y

X

BSC1

HAM1 HAM2 HAM3

BSC2   BSC3

BSC5

HAM4

HAM5

1 HEPI Pier #
HEPI Actuator Orientation

HAM6

BSC6
H2:ISI-ETMY
h2isietmy.mdl
BSC-ISI/H2/ETMY/

BSC10
H1:ISI-ETMY
h1isietmy.mdl
BSC-ISI/H1/ETMY/

BSC8
H2:ISI-ITMY
h2isiitmy.mdl
BSC-ISI/H2/ITMY/

BSC1
H1:ISI-ITMY
h1isiitmy.mdl
BSC-ISI/H1/ITMY/

HAM2
H1:ISI-HAM2
h1isiham2.mdl
HAM-ISI/H1/HAM2/

HAM3
H1:ISI-HAM3
h1isiham3.mdl
HAM-ISI/H1/HAM3/

BSC2
H1:ISI-BS
h1isibs.mdl
BSC-ISI/H1/BS/

HAM6
H1:ISI-HAM6
h1isiham6.mdl
HAM-ISI/H1/HAM6/

HAM5
H1:ISI-HAM5
h1isiham5.mdl
HAM-ISI/H1/HAM5/

HAM4
H1:ISI-HAM4
h1isiham4.mdl
HAM-ISI/H1/HAM4/

BSC3
H1:ISI-ITMX
h1isiitmx.mdl
BSC-ISI/H1/ITMX/

BSC4
H2:ISI-BS
h2isibs.mdl
BSC-ISI/H2/BS/

BSC7
H2:ISI-ITMX
h2isiitmx.mdl
BSC-ISI/H2/ITMX/

HAM12
H2:ISI-HAM12
h2isiham12.mdl
HAM-ISI/H2/HAM12/

HAM11
H2:ISI-HAM11
h2isiham11.mdl
HAM-ISI/H2/HAM11/

HAM10
H2:ISI-HAM10
h2isiham10.mdl
HAM-ISI/H2/HAM10/

HAM9
H2:ISI-HAM9
h2isiham9.mdl
HAM-ISI/H2/HAM9/

HAM8
H2:ISI-HAM8
h2isiham8.mdl
HAM-ISI/H2/HAM8/

BSC9
H1:ISI-ETMX
h1isietmx.mdl
BSC-ISI/H1/ETMX/

BSC5
H2:ISI-ETMX
h2isietmx.mdl
BSC-ISI/H2/ETMX/

We define the naming with
respect to the chambers as follows:
CHAMBER NAME
CHANNEL PREFIX
MODEL NAME
~/SeismicSVN/seismic/ Folder

Y

X

BSC5
L1:ISI-ETMY
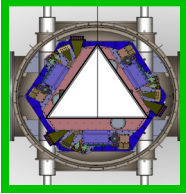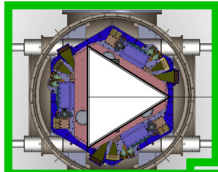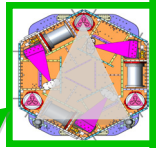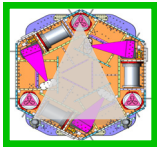l1isietmy.mdl
BSC-ISI/L1/ETMY/

We define the naming with respect
to the chambers as follows:
CHAMBER NAME
CHANNEL PREFIX
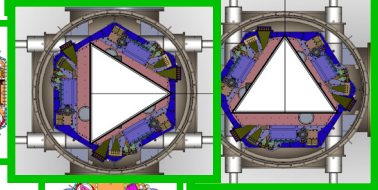MODEL NAME
~/SeismicSVN/seismic/ Folder
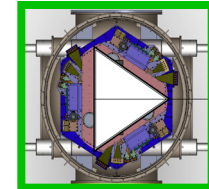
BSC1
L1:ISI-ITMY
l1isiitmy.mdl
BSC-ISI/L1/ITMY/

HAM2
L1:ISI-HAM2
l1isiham2.mdl
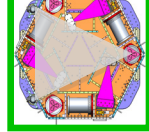HAM-ISI/L1/HAM2/

BSC3
L1:ISI-ITMX
l1isiitmx.mdl
BSC-ISI/L1/ITMX/

BSC2
L1:ISI-BS
l1isibs.mdl
BSC-ISI/L1/BS/

HAM3
L1:ISI-HAM3
l1isiham3.mdl
HAM-ISI/L1/HAM3/

BSC4
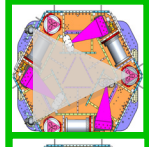L1:ISI-ETMX
l1isietmx.mdl
BSC-ISI/L1/ETMX/

HAM4
L1:ISI-HAM4
l1isiham4.mdl
HAM-ISI/L1/HAM4/

HAM6
L1:ISI-HAM6
l1isiham6.mdl
HAM-ISI/L1/HAM6/

HAM5
L1:ISI-HAM5
l1isiham5.mdl
HAM-ISI/L1/HAM5/

Y

X