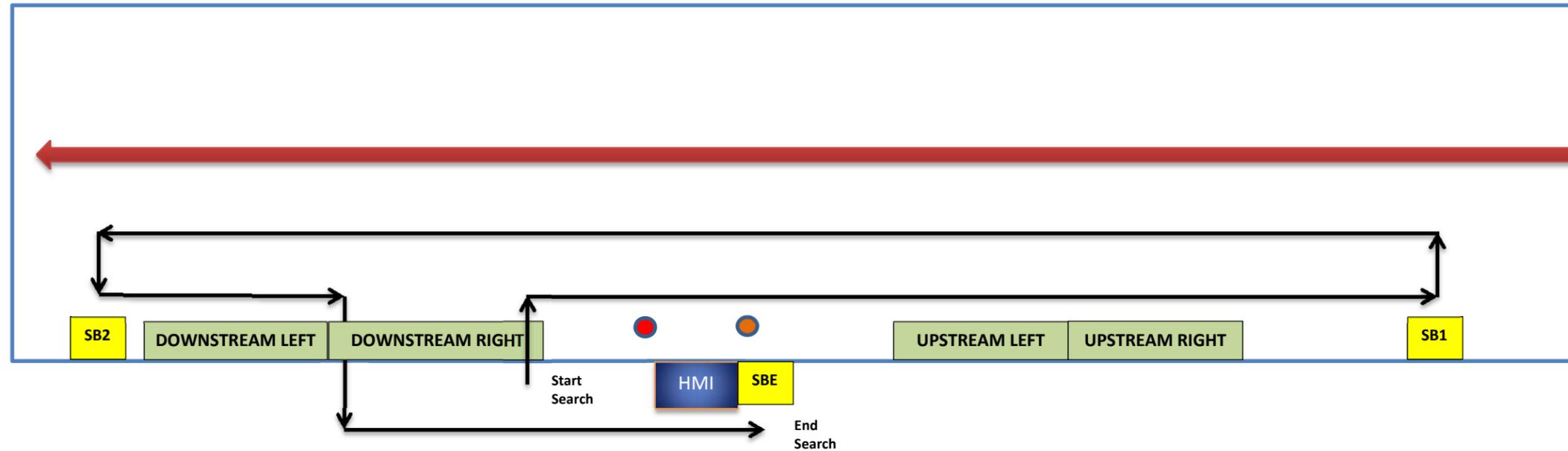


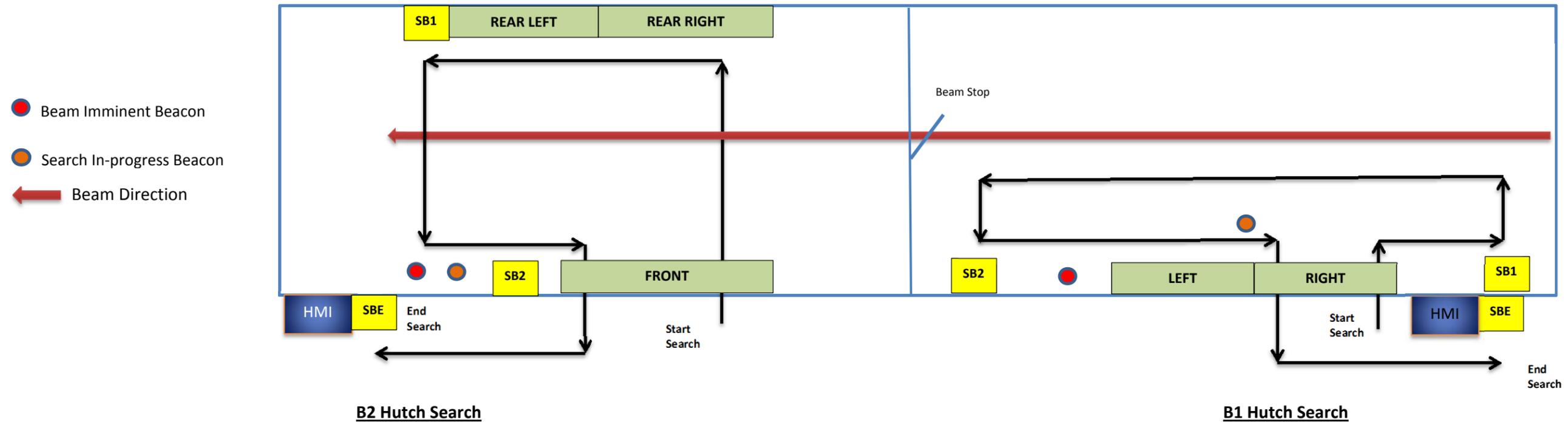
8-ID FOE Beamline Enclosure Search Sequence

-  Beam Imminent Beacon
-  Search In-progress Beacon
-  Beam Direction



1. Check PPS HMI for PPS Faults and turn Door Maglocks ON (green) using HMI
2. Contact FLOCO to clear and reset any faults before starting search
Initial Search Conditions are:
 - Door Maglocks ON (Green on Keypad)
 - Both Upstream and Downstream LEFT Doors are Closed
 - Downstream RIGHT door remains Open
 - HMI clear of any faults (No red A chain or B chain faults)
3. Confirm the enclosure is free of people before beginning the search
4. Search Sequence:
 - a. Enter enclosure through the open door and Press SB1
Note: Search must be completed in 120 seconds after pressing SB1
 - b. Check for personnel behind beamline components
 - c. Press SB2 and exit enclosure
 - d. Close the downstream RIGHT door (if using automatic door closer- watch door at all times)
5. Press SBE
6. Beam Imminent warning sounds for 30 seconds
7. Hutch is now interlocked.

8-ID B1 and B2 Beamline Enclosure Search Sequences



1. Check PPS HMI for PPS Faults and turn Door Maglocks ON (green) using HMI
2. Contact FLOCO to clear and reset any faults before starting search
Initial Search Conditions are:
 - Door Maglocks ON (Green on Keypad)
 - Both Rear Left and Rear Right Doors are Closed
 - Front Door remains Open
 - HMI clear of any faults (No red A chain or B chain faults)
3. Confirm the enclosure is free of people before beginning the search
4. Search Sequence:
 - a. Enter enclosure through the open door and Press SB1
Note: Search must be completed in 120 seconds after pressing SB1
 - b. Check for personnel behind beamline components
 - c. Press SB2
 - d. Close the Front Left door (if using automatic door closer- watch door at all times)
5. Press SBE
6. Beam Imminent warning sounds for 30 seconds
7. Hutch is now interlocked.

1. Check PPS HMI for PPS Faults and turn Door Maglocks ON (green) using HMI
2. Contact FLOCO to clear and reset any faults before starting search
Initial Search Conditions are:
 - Door Maglocks ON (Green on Keypad)
 - Left Door is Closed
 - Right Door remains Open
 - HMI clear of any faults (No red A chain or B chain faults)
3. Confirm the enclosure is free of people before beginning the search
4. Search Sequence:
 - a. Enter enclosure through the open door and Press SB1
Note: Search must be completed in 120 seconds after pressing SB1
 - b. Check for personnel behind beamline components
 - c. Press SB2
 - d. Close the Right door
5. Press SBE
6. Beam Imminent warning sounds for 30 seconds
7. Hutch is now interlocked.