**Loc\_code correct order (downstream moving upstream)**

11, 12,

* 13 is upstream of 11 and 12 but is a handheld scanner with few data.

21 (north arm), 22 (south arm), 201, 202, 231, 232, 233

* Fish detected on 21 do not have to pass 22, these are different channels in the river.
  + Fish passing over 21 or 22 have to pass over 201 and 202.
  + 231, 232, 233 are fishways in the river at a large waterfall. Not all fish utilize the fishway. But if they are detected at any of these antennas then needed to pass 21 or 22 and both 201 and 202.

301, 302,

* 3M (however do not include this one it is hand scanning at the hatchery)
* 3A, 3B coho earthen pond outlet (not in-river antennas and are only installed in the spring in 2021, 2022, and 2023)

401, 402, 42, 44, 45

* 43 does not currently have a pit antenna but is a placeholder

501

* Fish do not have to swim past 51 to be detected on 5A and 5B, technically 51 is upstream of 5A and 5B (by like 100 ft) but 5A and 5B are in a concrete fishway at the hatchery, and 51 is a mainstem river antenna just upstream of the concrete fishway)
  + 5A, 5B hatchery antennas
  + 51 mainstem antenna

60/61, 62 (upstream mainstem antenna)

* 6A, 6B, 6F (some years) are hatchery fishway antennas these are upstream of 60/61
* 6C, 6D, are temporary antennas installed for coho outmigration in the spring

701, 702

* 7A, 7B hatchery fishway antennas
* 71 bypass antenna upstream of 701, 702
  + Fish maybe detected on 7A and 7B and 71, but this is a rare occurrence and should be treated as separate migration routes.

83, 84

* 81, 82 are antennas installed during the spring outmigration and are not typically utilized during adult returns.
* However, there will be detections associated with all four and in that case 81, 82, 83, 84

91, 92, 921, 922,

* 9A,9B, 9F are hatchery fishway antennas and are upstream of 91,921, 922, but not all fish will migrate into the hatchery. i.e. two migratory pathways. But all fish detected on 9A and 9B have to pass 91, 921, 922
* 9C, 9D, coho earthen pond outmigration antennas installed in the spring. These are only upstream of 91.

A1, A2, AA, AB

* AA, AB used to be C1 and C2, however, we have now included Chemainus River in our system and it is now coded as C1 and C2. We changed the original C1 and C2 (Robertson Creek hatchery) to AA, and AB.