EATSM Release Summary Form

EATSW Release Summary Porm	
Primary Investigator:	
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Study objective(s): Estimate survival of acoustically tagged Coleman National Fish Hatchery (CNFH) late-fall-run Chinook salmon juveniles to the USFWS trawl sampling stations at Sacramento and Chipps Island. These estimates will be used in the CWT-Acoustic Tag paired release hybrid design to determine trawl capture efficiency and abundance estimates for other runs of salmon. Tag life tests on a 5% sample of tags and tag retention trials in 50 fish will be done each year.	
State hypothesis (if applicable):	
Study Type:	Study Timing:
⊠ Reach-specific survival estimate	Study Duration (years): 3 Years
☐ Route selection	Release Dates (range; if applicable): November of 2018, 2019, and 2020
☐ Habitat use/preference	
☐ Entrainment/fish passage evaluation	Study site(s): (If applicable)
☐ Technology testing	Collection site(s): CNFH
$oxed{\boxtimes}$ Other: Methodology development	Release location(s): CNFH Battle Ck
Fish/Species of Interest	
Species-race: late-fall-run Chinook salmo Length (range): 100-160mm FL Life stage: Juvenile, yearling	n Source/quantity: CNFH 600 fish Status of fish request (if applicable): approved
Tagging Information (if applicable)	
Transmitter Information	Implant procedure
Type/model: JSATS ATS SS300	
Weight (gm): 0.30 to 0.62 PRI/life of tag: 10 Second PRI. JSATS 60	Has staff completed a standard tagging training? (Y/N). If yes, when? Yes. 2013, 2015.
Telemetry Receivers: • Non-Core Receivers Deployed/Duration: November to July each year • Identify mission critical Core receiver locations (general description): SacTrawl – dual array, 2 lines of 3 receivers,	
Chipps Island – dual array, 2 lines of 5 receivers	
Desired frequency of download (If Real-time data is required, indicate management directive): every 3 months	
Environmental/operating conditions (if applicable)	
 Relevant discharge indices: varying flo Temperature: 8-20 deg C 	TDG:Treatment(s): year and CWT group
Unique study characteristics : Use of acoustic telemetry survival estimates to improve abundance estimates derived from another sampling methods.	