

# Design, Construction and Operation of PIT Tag Monitoring Systems

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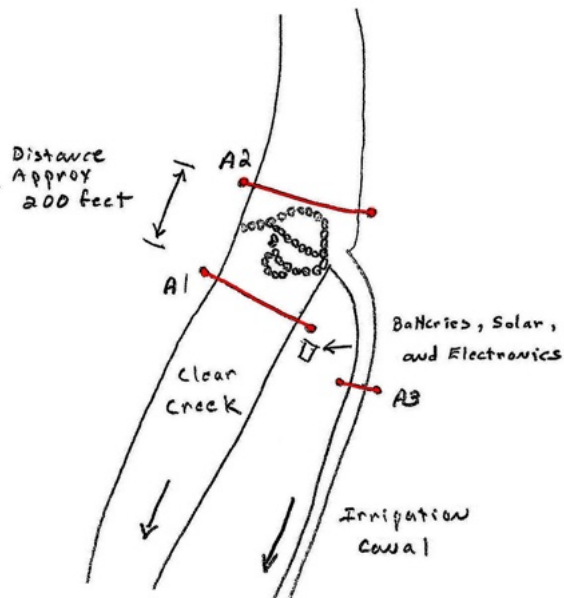


**Monday June 17, 2024**



**SIBIC 2024**  
X Iberian Congress  
of Ichthyology

@7615ScMw5W5 fW#}Tortosa, Catalonia (Spain)



**10:00 am - 11:15 am**

## **RFID for Fish and Wildlife Tracking**

PIT tag characteristics  
HDX and FDX technologies  
Antenna types  
Data collection  
Review of notable systems

**11:30 am - 1:30 pm**

## **Building a PIT Tag Monitoring Station**

Reader types and capabilities  
Selecting a location  
Field power sources  
Resonance tuning  
Troubleshooting and maintenance  
Dealing with noise  
Performance optimization  
Data handling

**2:00 pm - 3:30 pm**

## **PIT Tag Antennas**

How to design an antenna  
Wire selection  
Construction techniques  
Metal effects

**3:45 pm - 5:00 pm**

## **Interactive workshop**



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