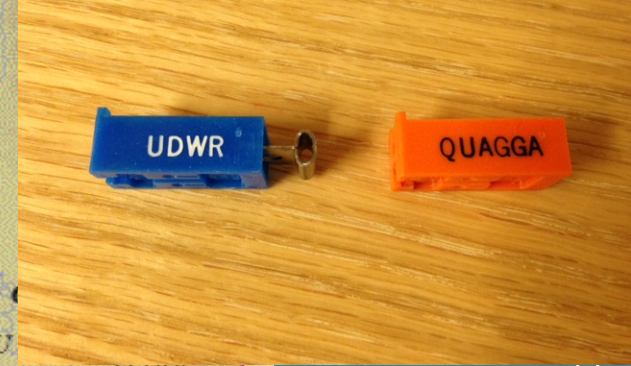
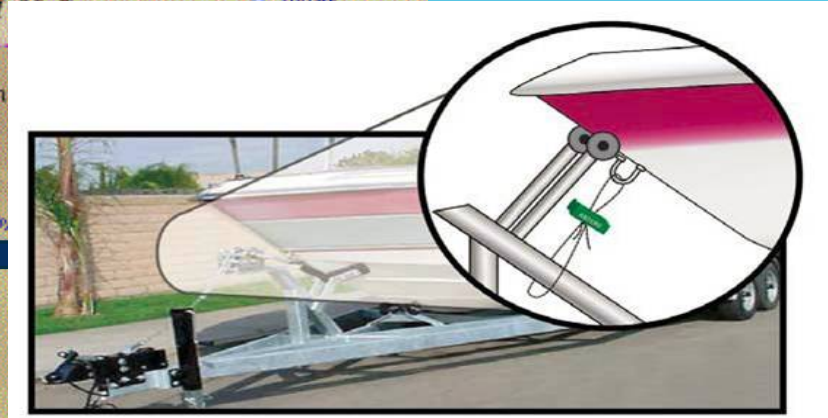
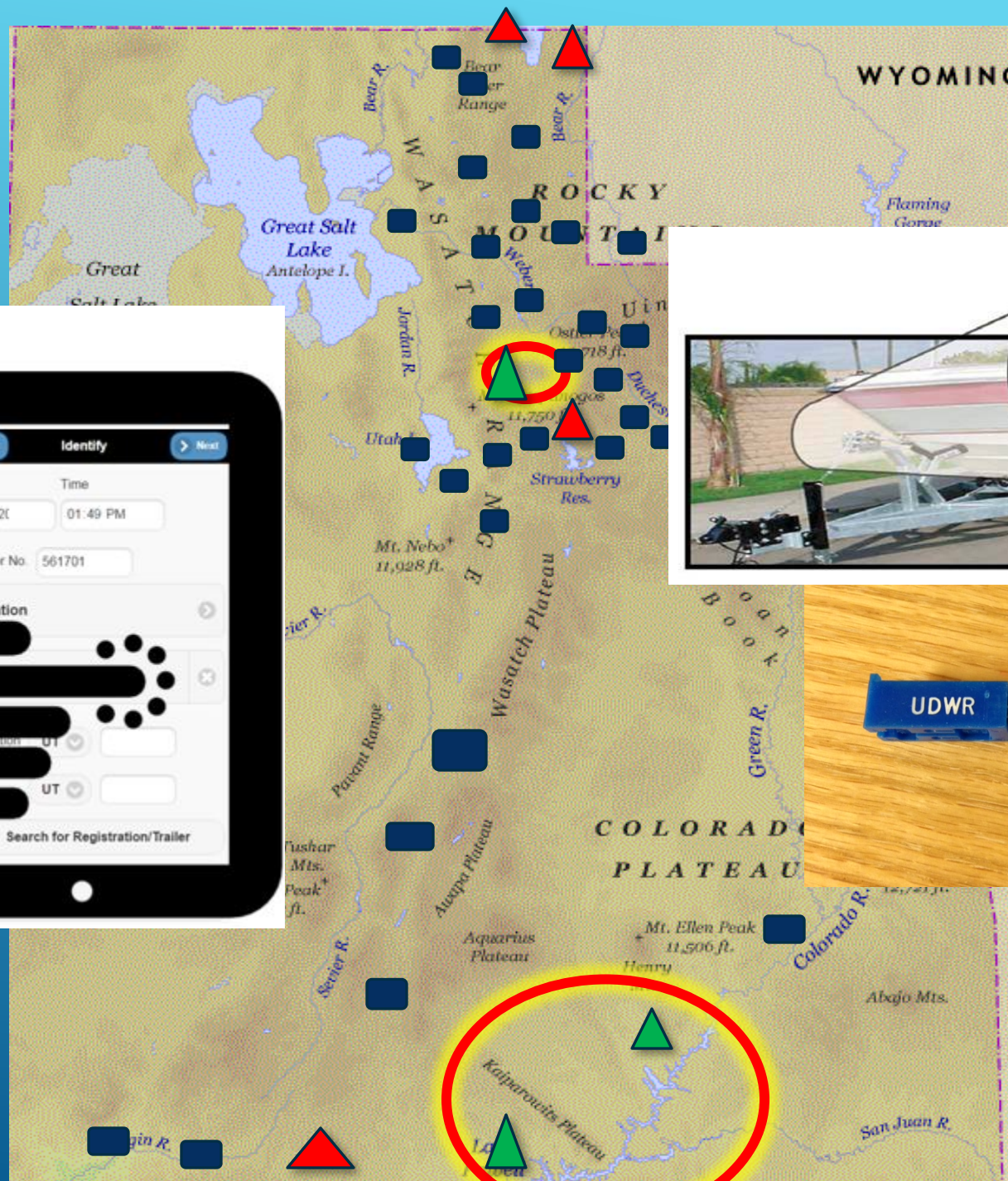
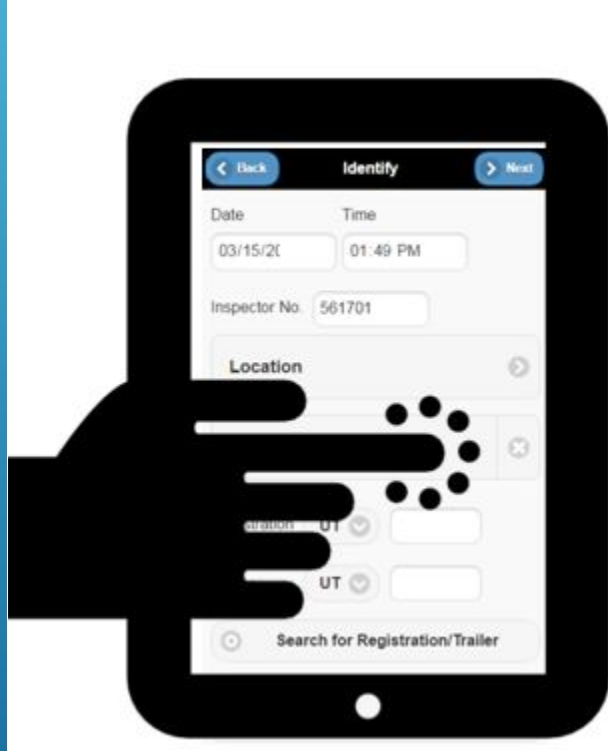


UTAH AIS UPDATES

Nathan Owens

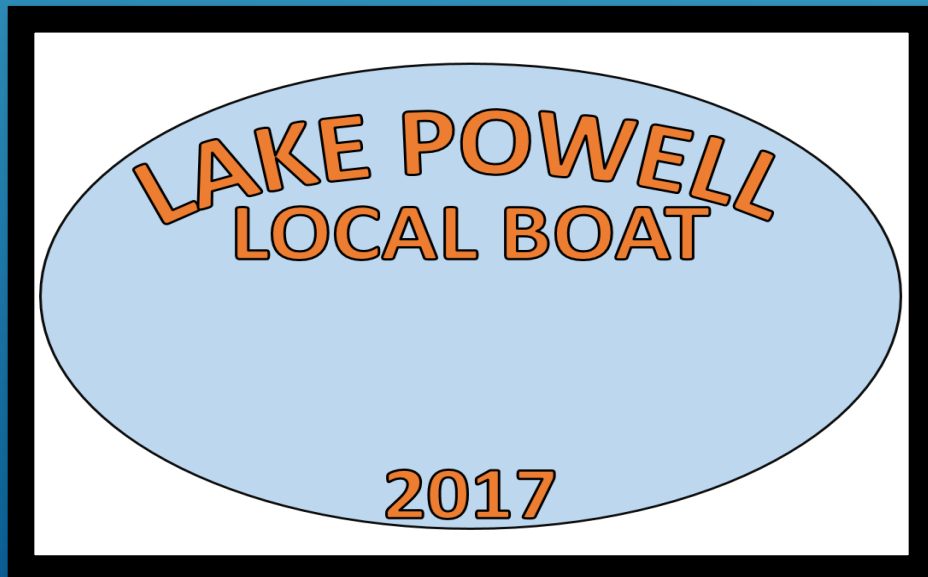
UDWR AIS Coordinator





RECENT TOOLS

- ▶ Lake Powell Local Boater Program
- ▶ COR applications for Rafting Companies
- ▶ Privatization of Decontamination near Lake Powell



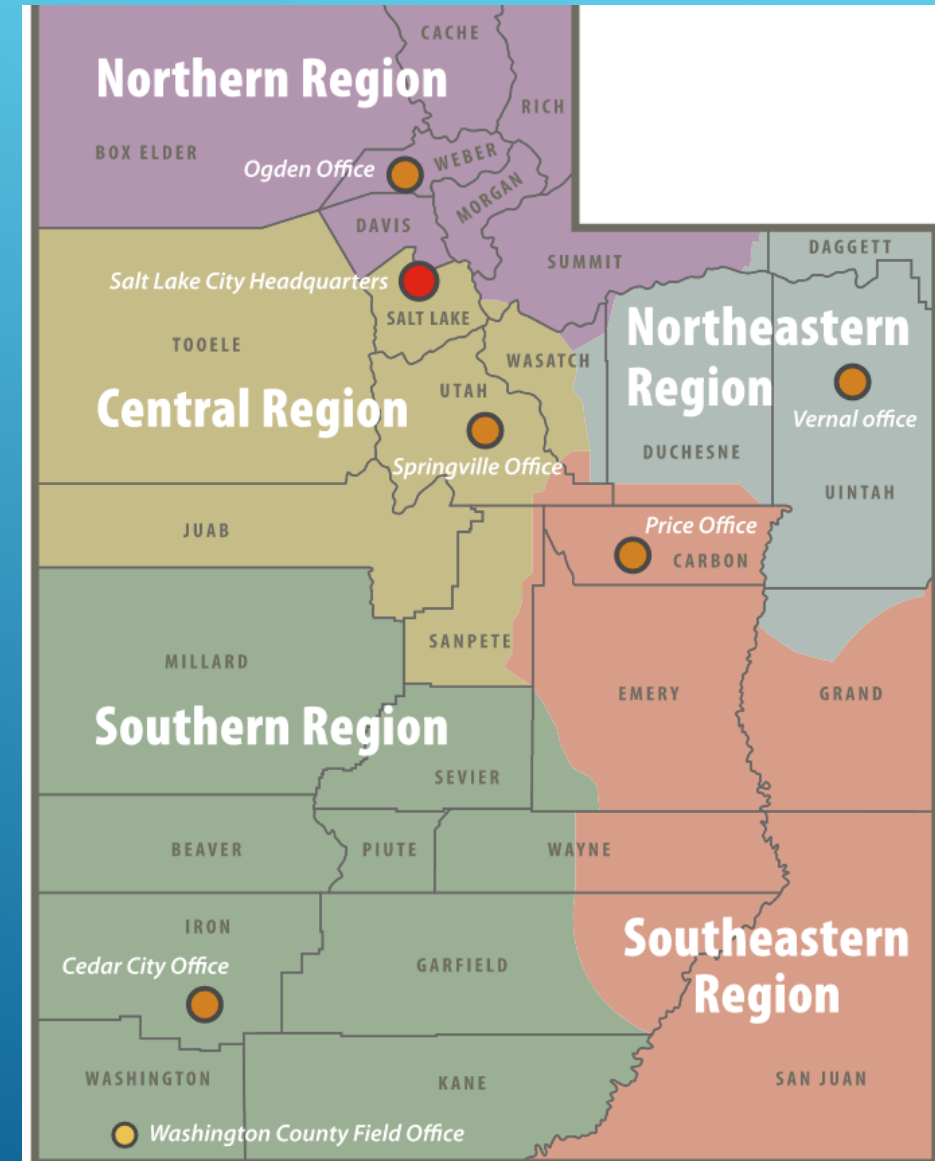
PROGRAM TRANSITION

► Interdiction → LE



► Monitoring/Sampling → Aquatics

► More flexible rapid response strategy



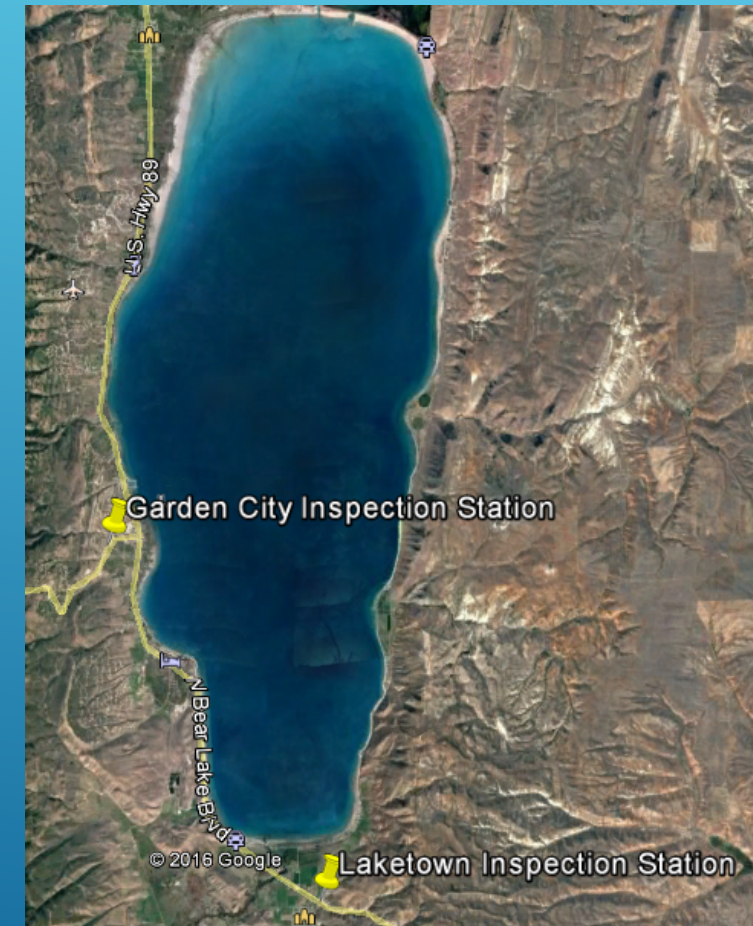
2017 STRATEGY

- ▶ AIS Rule changes
 - ▶ Dry time for mussel boats
 - ▶ Plug rule
- ▶ Decontamination services in Salt Lake City
- ▶ Concentration of resources at high priority waters
- ▶ Deer Creek Local Boater Program



COOPERATIVE EFFORTS AT BEAR LAKE

- ▶ ID/UT redundant inspection stations
- ▶ Involvement of state legislators and Bear Lake Commission
- ▶ → No ID station; ID will pass \$ to Utah to augment existing UT inspection stations



INTERDICTION NUMBERS

Location	Interdictions	Decontaminations
Statewide	51,171*	1,835
Lake Powell	12,675**	1,045
Deer Creek	3,810	377

*** up 78%**

**** almost 3x that of same period in 2016**

INTERDICTION NUMBERS SOUTHERN LAKE POWELL

Year	Interdictions	Decontaminations
2015	4,556	136
2016	9,820	259
2017	8,391	178



INTERDICTION NUMBERS NORTHERN LAKE POWELL

Year	Interdictions	Decontaminations
2015	~11,000	54
2016	14,000	1,400
2017	4,514	850



POWELL DEVELOPMENTS

- ▶ New AIS Interdiction Specialists for both uplake and downlake
- ▶ Closer coordination with NPS
- ▶ More Mussels!
 - ▶ “hydrostatic” mussels
 - ▶ Lots of anchors with mussels
 - ▶ Few day-use boats found with attached mussels
- ▶ Opening of Hite Marina



ADMINISTRATIVE CHECKPOINTS

- ▶ Two Admin. Checkpoints targeting Bullfrog
 - ▶ 408 boats contacted
 - ▶ Compliance of 76%
 - ▶ Of those non-compliant, 63% were from Utah, remaining from Colorado



RESPONSES

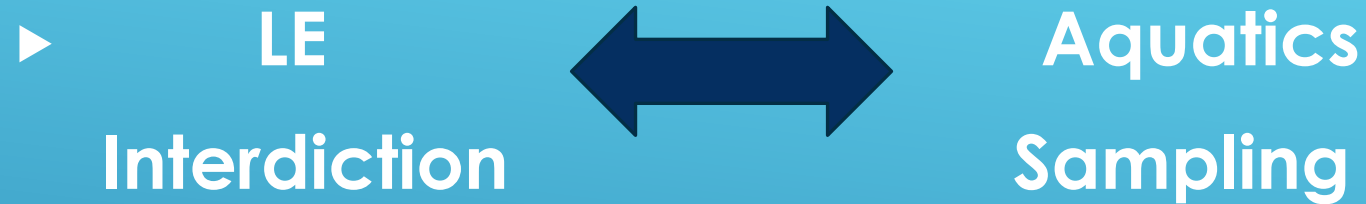
1. Feasibility, Cost/Benefit Analysis of expanded coverage at both downlake Lake Powell and I-15 POE
2. Increased engagement with AZ to provide more coverage at Antelope Point Marina
3. Further work with NPS to ensure advanced notification for commercially-hauled boats retrieved from Powell
4. Brochure development specific to uplake vs. downlake, with incorporation of AZ,CO information
5. Development of uplake Local Boater Program
6. Increased LE coordination with CO and NM

DEER CREEK

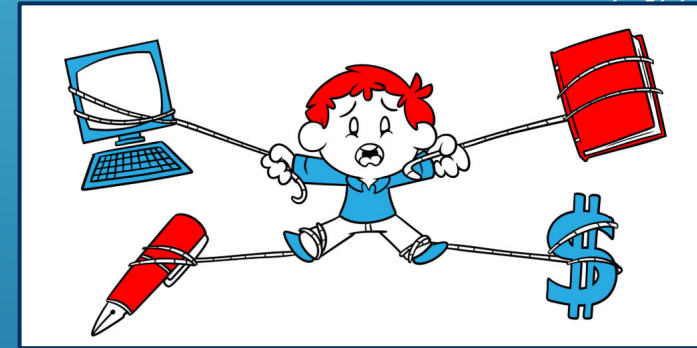
1. “Suspect” listing until January 2018 (pretty please?)
2. Bi-monthly early detection sampling
3. Two dive surveys planned
4. Development of local boater program



SUMMARY



- ▶ Increased focus on early detection and rapid response capability
- ▶ Racing toward recruitment of private industry for decontamination services
- ▶ Never-ending challenges at Powell



THANK YOU

DON'T SPREAD THE
STD OF THE SEA

A graphic featuring the text "DON'T SPREAD THE STD OF THE SEA". The words "DON'T SPREAD THE" are in red, and "STD OF THE SEA" is in a large, bold, blue font. The text is set against a light blue background with a wavy pattern at the bottom, suggesting water. The entire graphic is centered on a dark blue background.