

LCRA Matagorda Bay Monitoring

Bryan Cook
Water Quality Supervisor

January 30, 2013

Lake Buchanan



Lake Buchanan Flood Gates



Lake Travis, Sometimes Islands



LCRA's Matagorda Bay Monitoring Program

- Matagorda and East Matagorda
- 5 Monitoring Stations
- Salinity, Temperature- Continuous, Hourly
- 2 Real-Time Stations

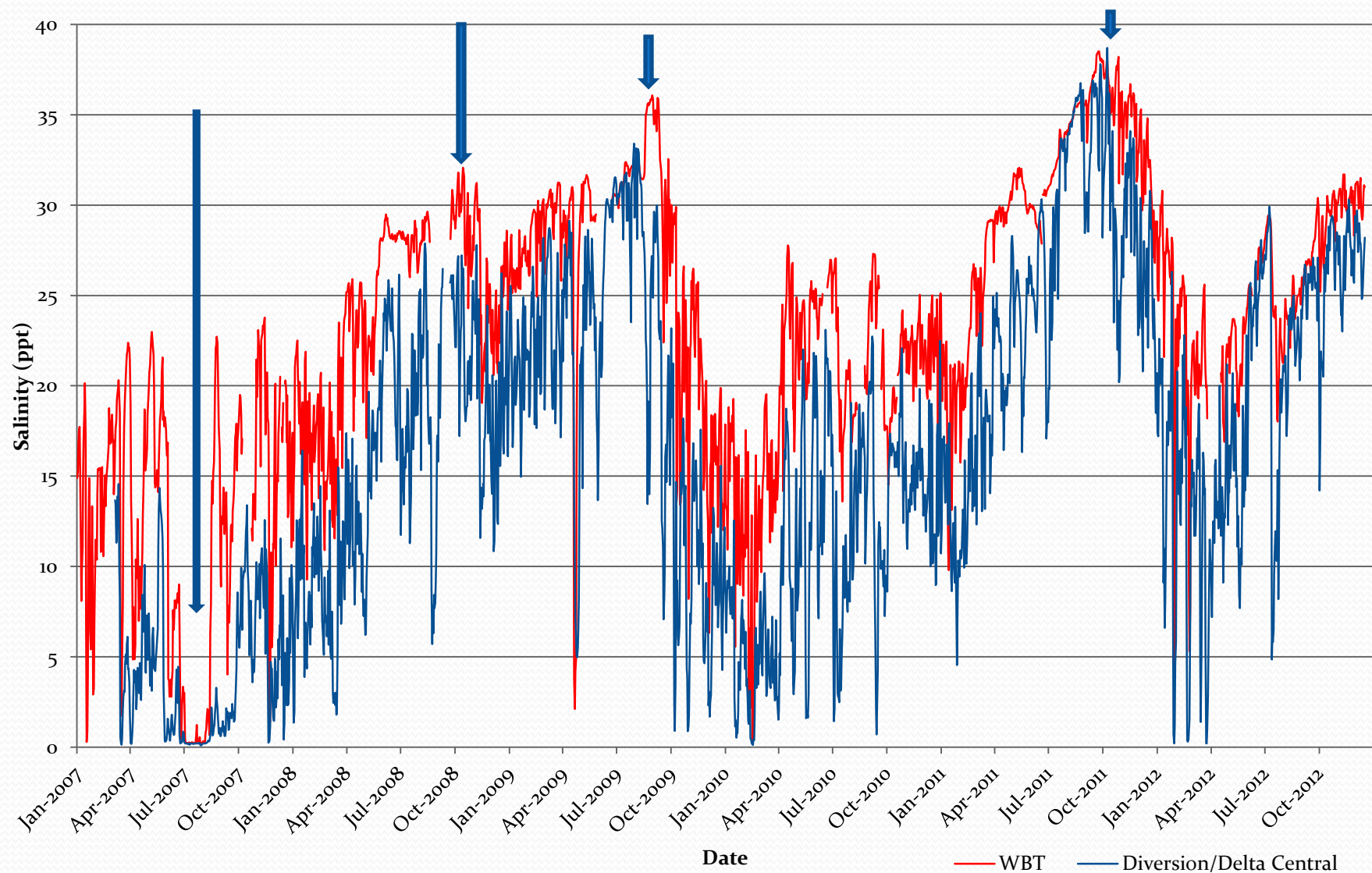


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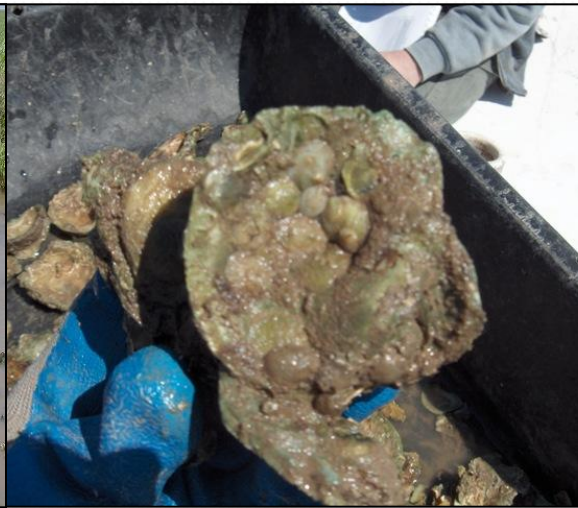
Data SIO, NOAA, U.S. Navy, NGA, GEBCO

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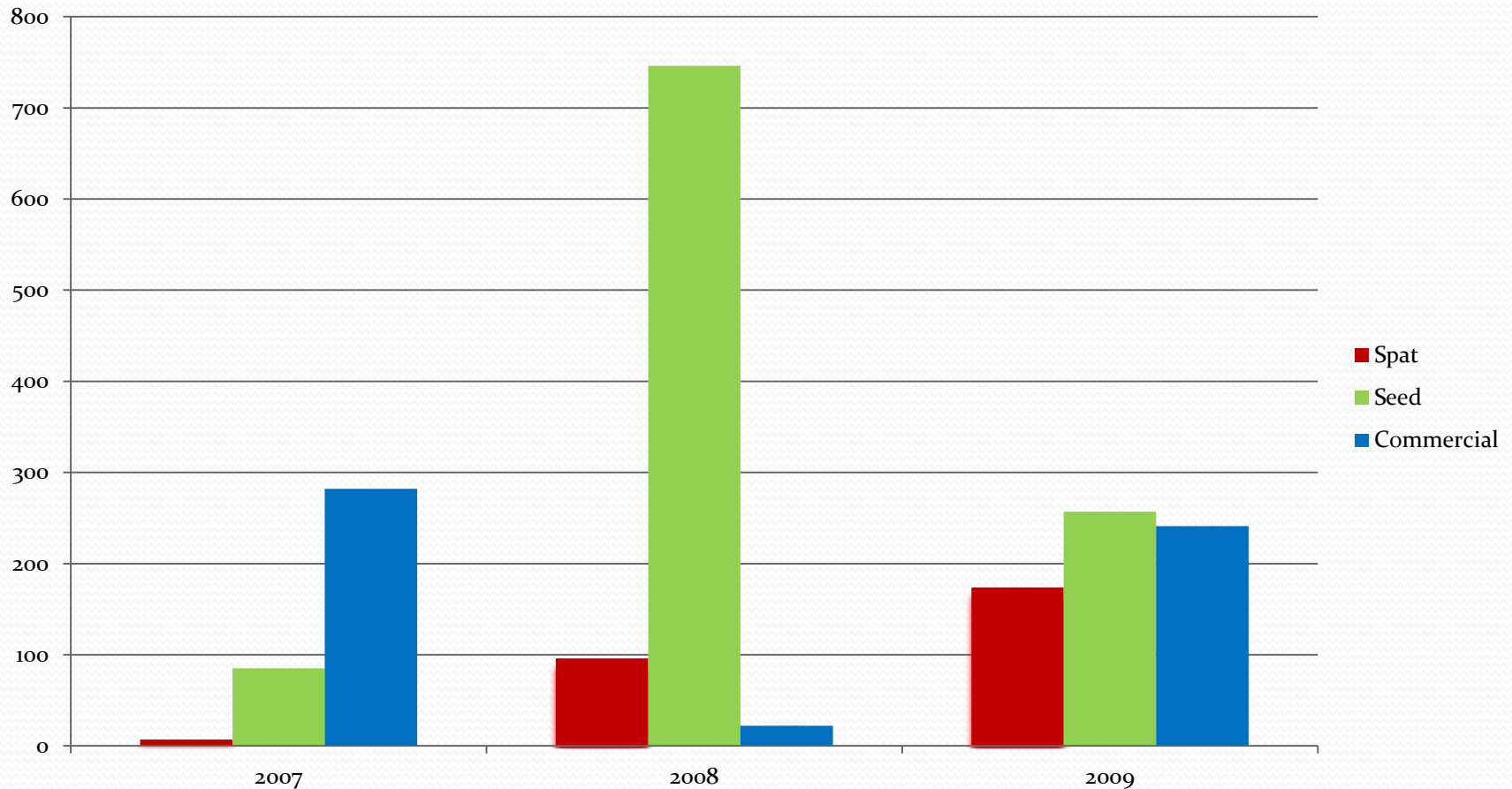
Salinity Colorado River Delta & WBT



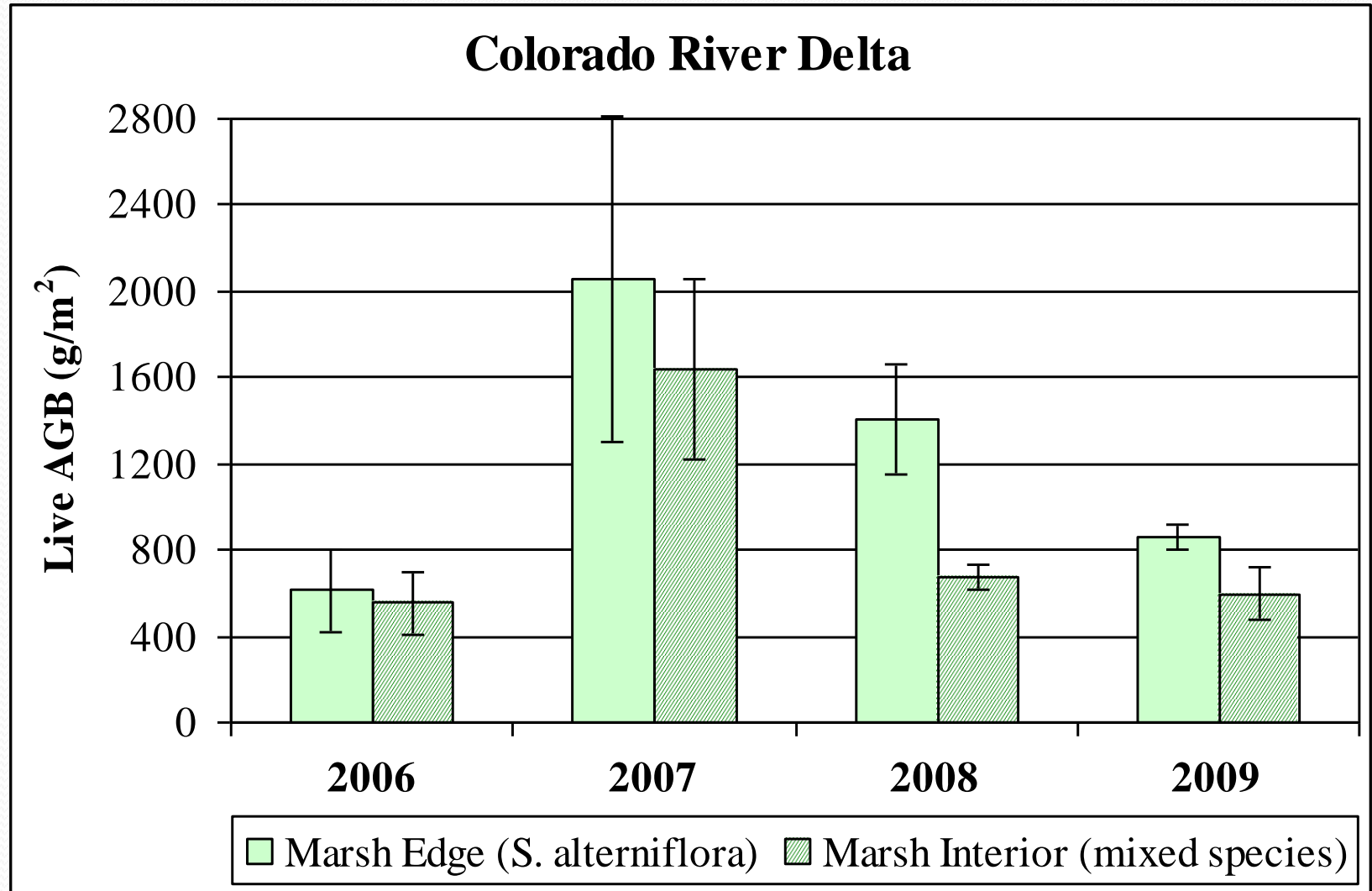
Oyster Sampling



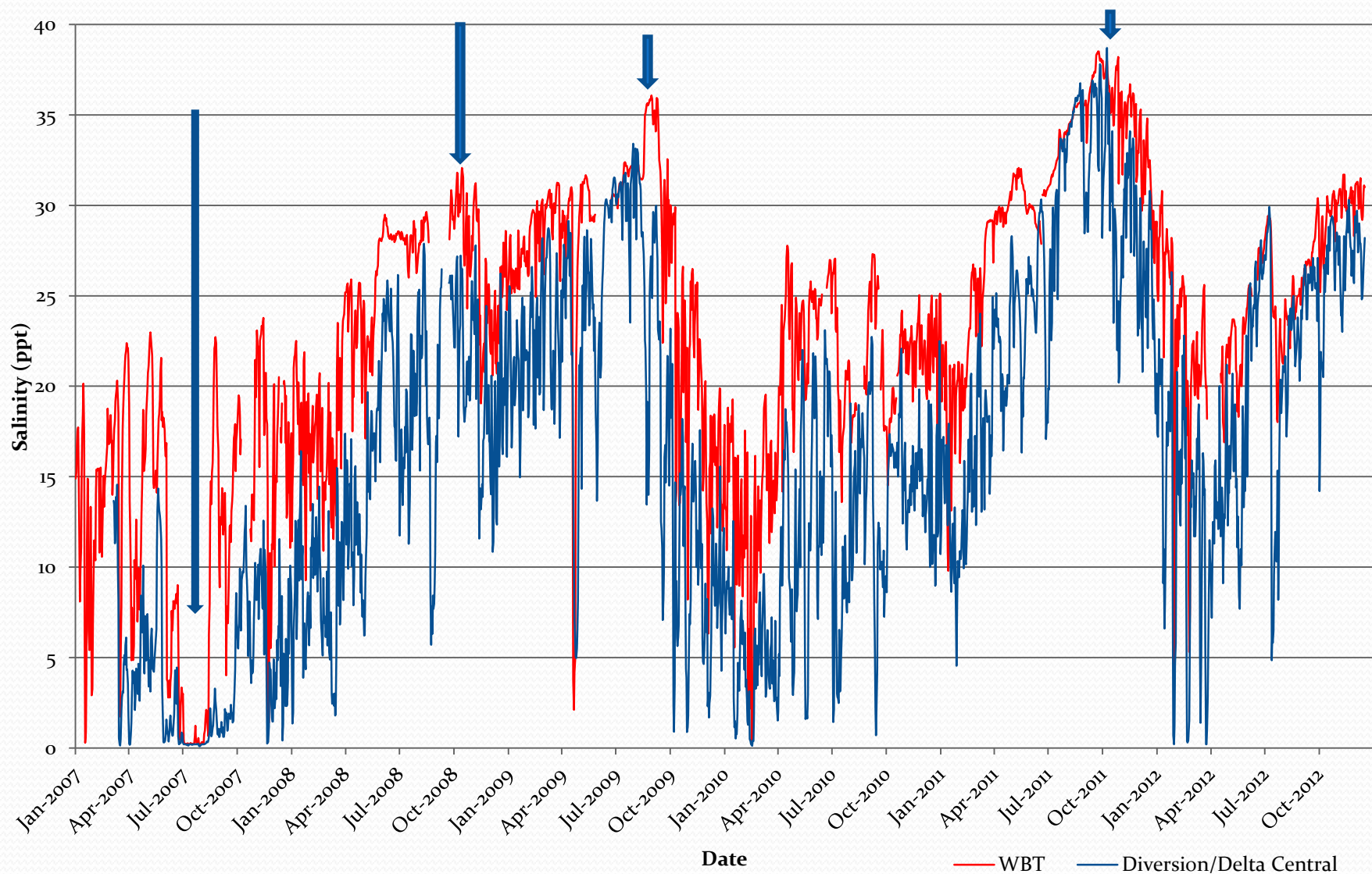
Oysters- Colorado River Delta



Marsh Biomass



Salinity Colorado River Delta & WBT



Summary

- Missed Opportunity in 2011 to collect drought data
- Is Matagorda Bay Impacted?
 - If so, to what extent?
- How will recovery be measured?

Logistics

Upper Coast Group

Moderator: Ed Oborny , BIO-WEST, Inc.

Location: Room A

Middle Coast Group

Moderator: Bryan Cook, LCRA

Location: Room B

Lower Coast Group

Moderator: Cindy Loeffler, TPWD

Location: Room C

During the afternoon break, you will be asked to place stickers next to your five top priority research needs, choosing from those listed on the flip charts created by each group.