



Best Practices & Pre-cruise Planning

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Best Practices

- Developing Marine Technician Best Practices within the fleet to serve as a tool for technicians and to standardize operations and data collection where applicable.

This will:

- Provide help to inexperienced technicians
- Help to capture some of the expertise within the fleet
- Help ensure that the best possible data is being collected



Best Practices Documentation

Some areas under consideration for Best Practices Documentation:

- Multibeam
- ADCP
- Echosounders
- CTD
- Gravimeter
- Magnetometer
- TSG and other underway data systems
- HiSeasNet / FBB
- Met data
- MOCNESS
- Piston Coring
- Box Coring
- Gravity Coring
- Other?





Best Practices

- Best Practices would be collected on a single website
- The documentation is going to be **coordinated through me** but **controlled by those who know it best** (experts within the fleet)
- This is not to be a replacement for training and education but is an addition to
- The Best Practices are there as a tool for the technician, especially new technicians within the fleet.
- How are we going to keep this information current?



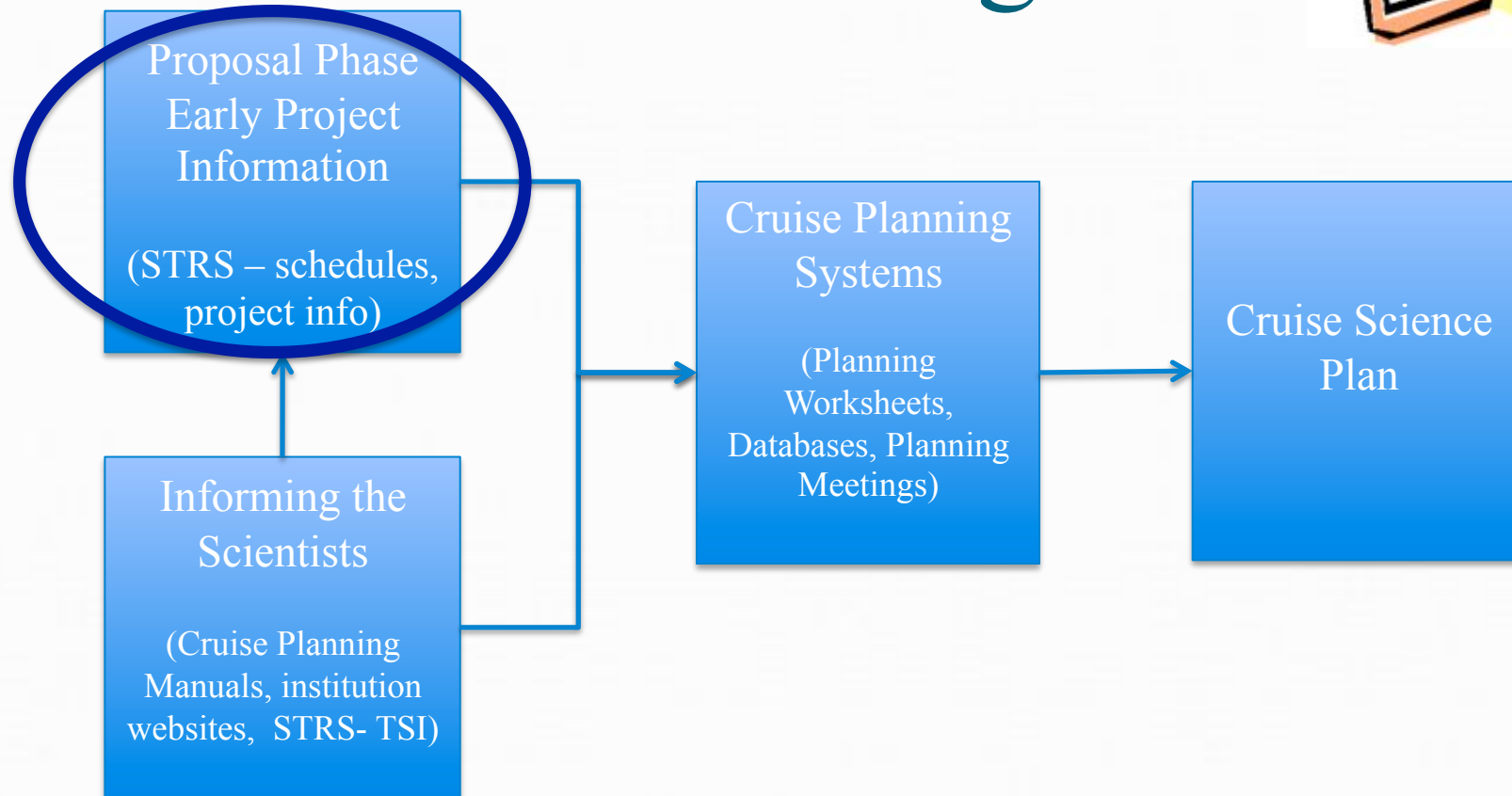
Pre-Cruise Planning

What is my point?

1. Educate about the Ship Time Request System
2. Look for areas to improved the STRS
3. Discuss the Technical Services Information (TSI)
4. Investigate Cruise Planning systems and the potential for further Cruise Planning databases within the fleet



Pre-cruise Planning





Pre-Cruise Planning

STRS Quick Overview

- More than just scheduling information!
 - https://strs.unols.org/Public/diu_login.aspx



University-National Oceanographic Laboratory System

SEARCH PUBLIC RECORDS

LOG IN

[Suggestions/Request Help](#)

[Frequently Asked Questions](#)

Welcome to the UNOLS Ship Time Request & Scheduling System

Log In for Member Activities

User Name:

Password:

Store my credentials so I don't have to login next time (unless I logout)

[Forgot Your User Name Or Password?](#)

New Member?

Login or create account for these activities

• [Facility Requests \(ship time requests\)](#)

Public Information

Login Not Required for these activities

- [Research Vessel & Facility Schedules](#)
- [Research Vessel & Facility Specifications](#)
- [Technical Services Information for Research Cruises](#)
- [Research Project Information](#)
- [Utilization Information](#)
- [Miscellaneous Info & Links](#)
- [UNOLS Web Site Home Page](#)



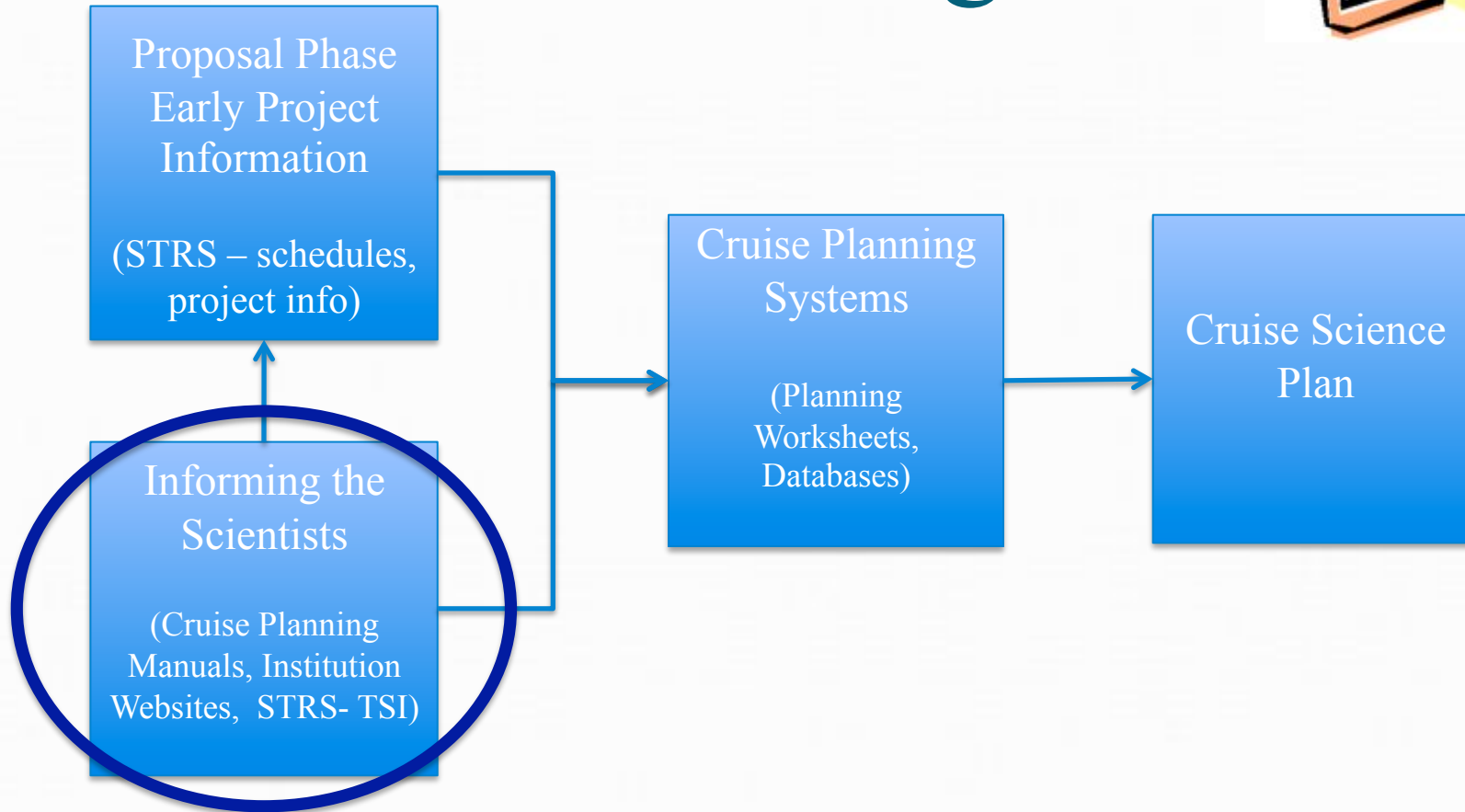
Pre-Cruise Planning

STRS

- Could we make this even more useful?
 - Require more fields –
 - Summary of Field Work
 - Summary of Facility Requirements
 - Streamline some of the Facility Information



Pre-cruise Planning





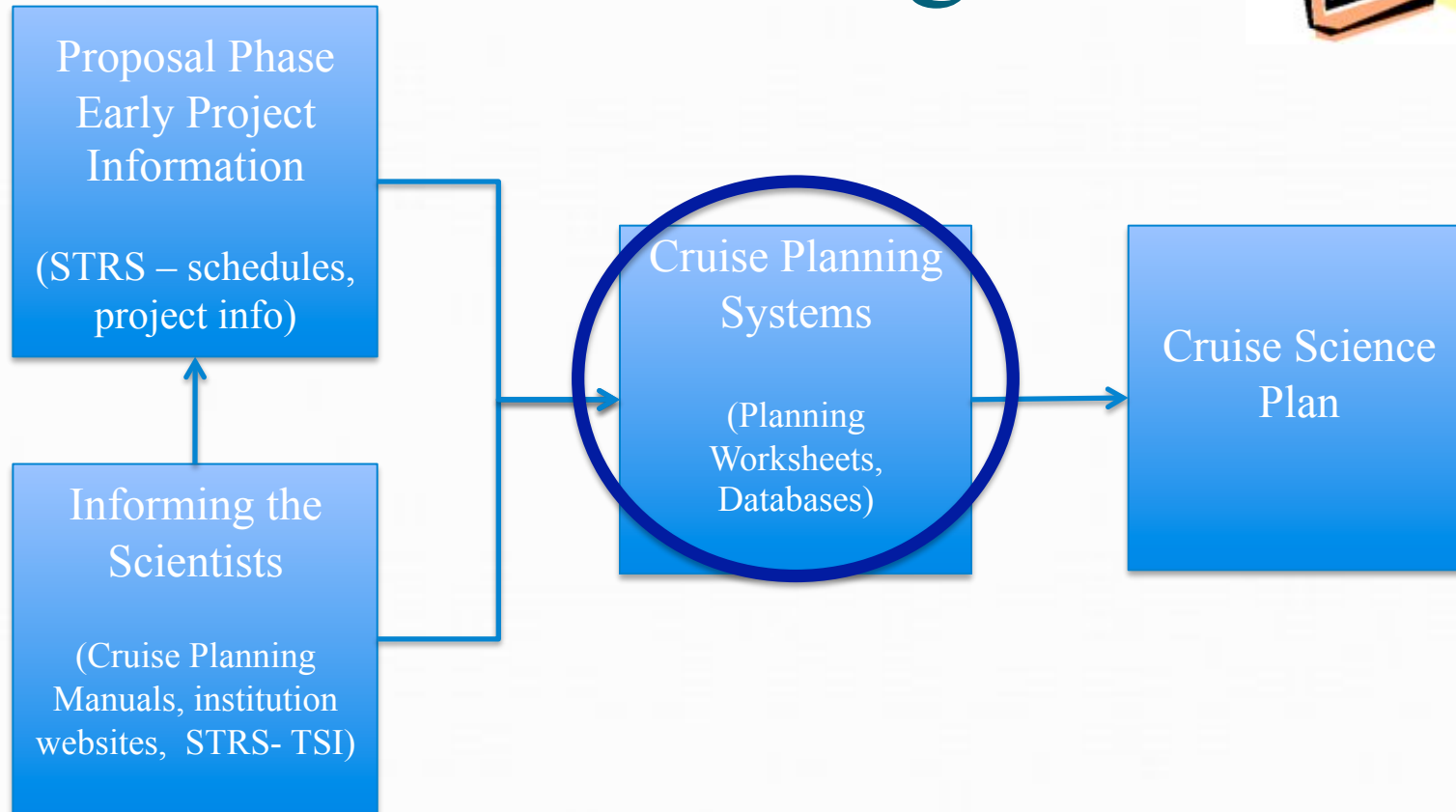
Pre-Cruise Planning

Technical Services Information (TSI)

- History
- Current Entry
 - 5 Ships are published
 - 8 ships have information in the system that is unpublished
 - 8 ships have not entered any information
- How do we proceed?



Pre-cruise Planning





Pre-Cruise Planning

Planning Databases

- Collect all the pre-cruise information under 1 umbrella
- Collect the data in an organized fashion
- The system is dynamic
- Keep everyone informed throughout the process
- Data is consistent (same questions & forms are requested)
- There is a historical record of the support provided



Pre-Cruise Planning

Planning Databases

Examples:

WHOI: <http://www.whoi.edu/cruiseplanning/login.do>

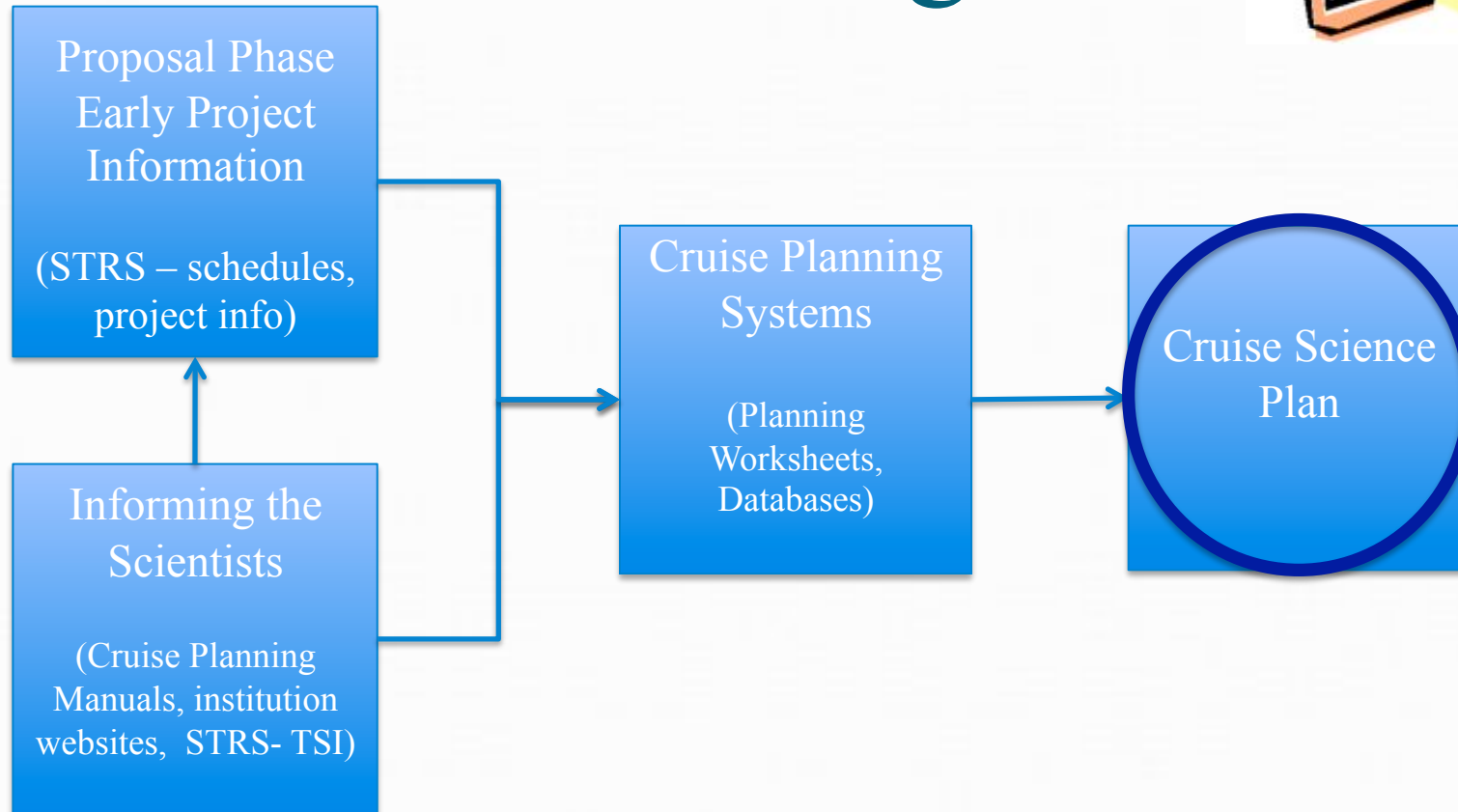
URI: <http://techserv.gso.uri.edu/CruiseQ/QairSplash.asp>

USCG: http://www.icefloe.net/forms_cp.html

Could we develop a common backbone with specifics for different institution? (ie is there interest?)



Pre-cruise Planning





Pre-Cruise Planning

Science Planning Summary

- Outstanding Issues
- Cruise Plan
- Cruise Track
- Major Systems provided & specifics on use
- Participant Information
- Permits
- Computers & IT Support
- Ancillary projects
- Cargo
- And more!



Summary

- Lots of ideas
- Lots of energy to implement
- Always open to Suggestions & Comments

QUESTIONS?

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