



... for a brighter future

AMF2 Build and Operations Overview

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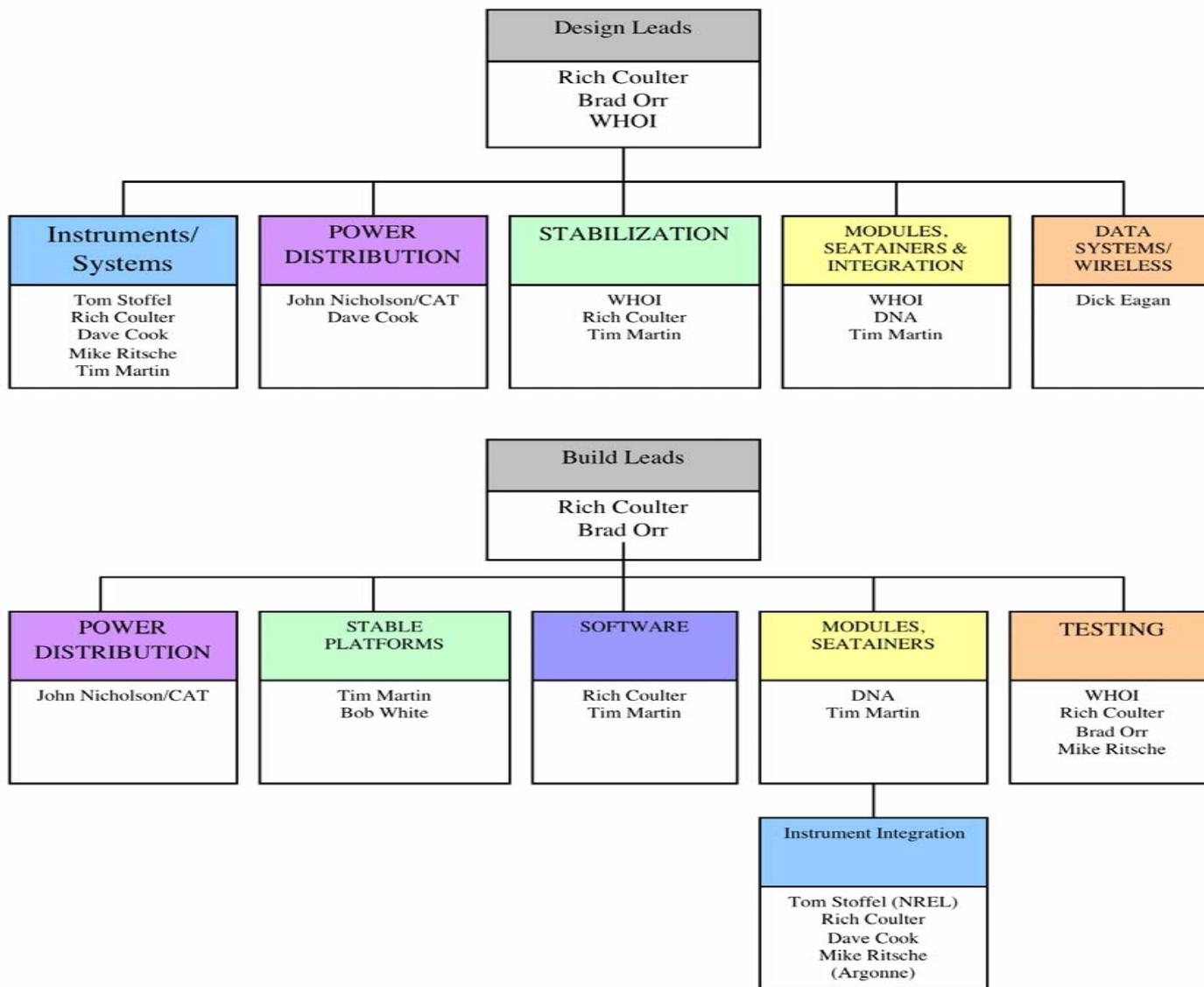
U.S. Department
of Energy

UChicago ►
Argonne_{LLC}

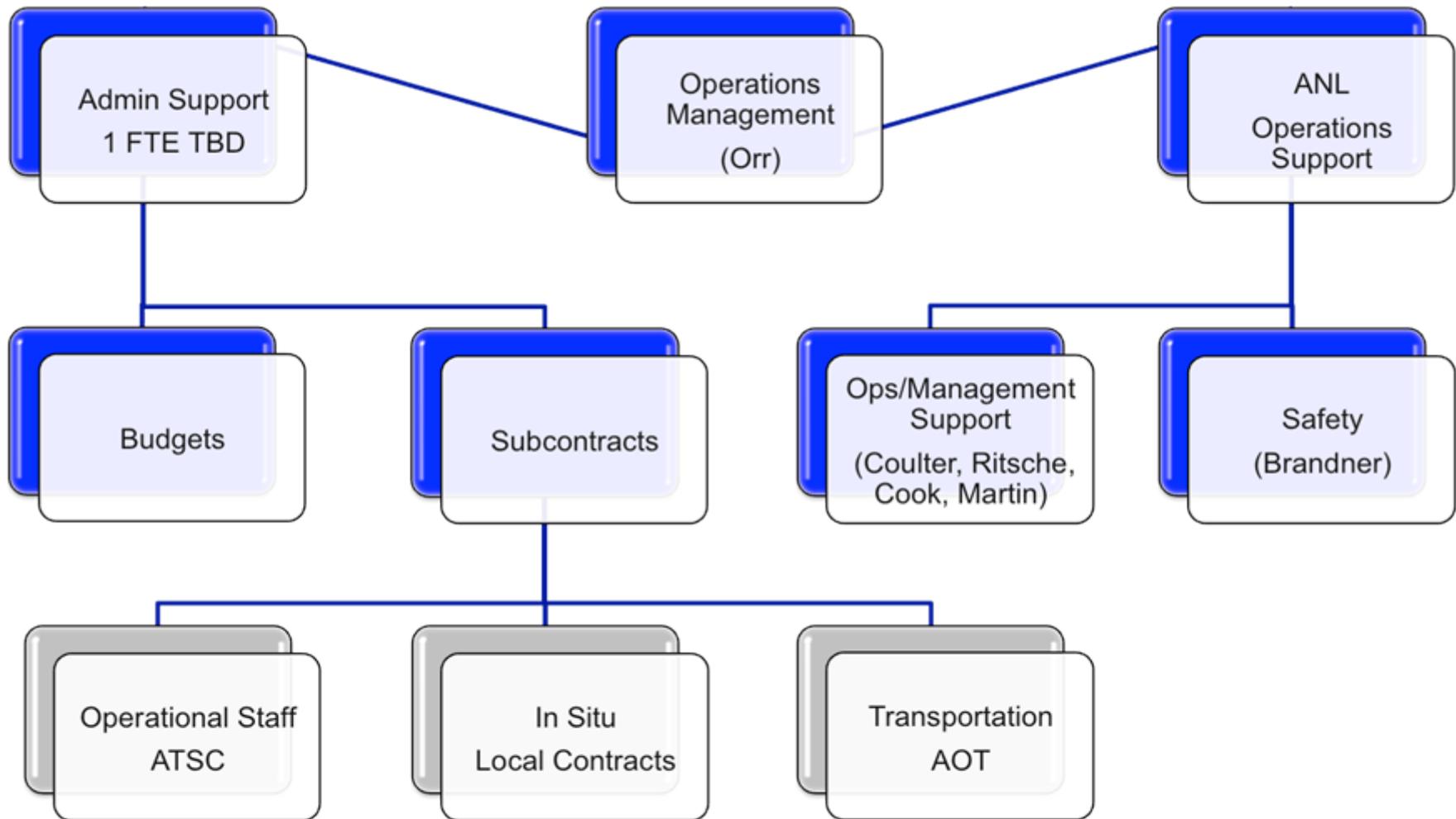
A U.S. Department of Energy laboratory
managed by UChicago Argonne, LLC

Build Management

AMF2 Build Organizational Chart

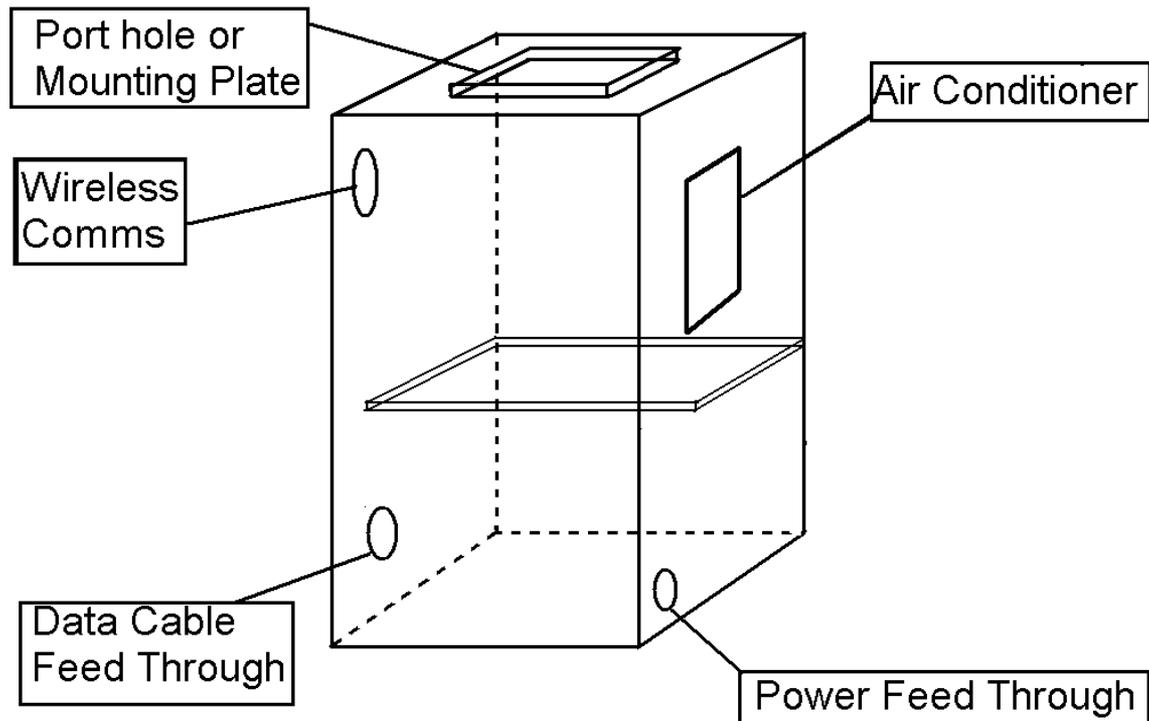


AMF2 Operations Management

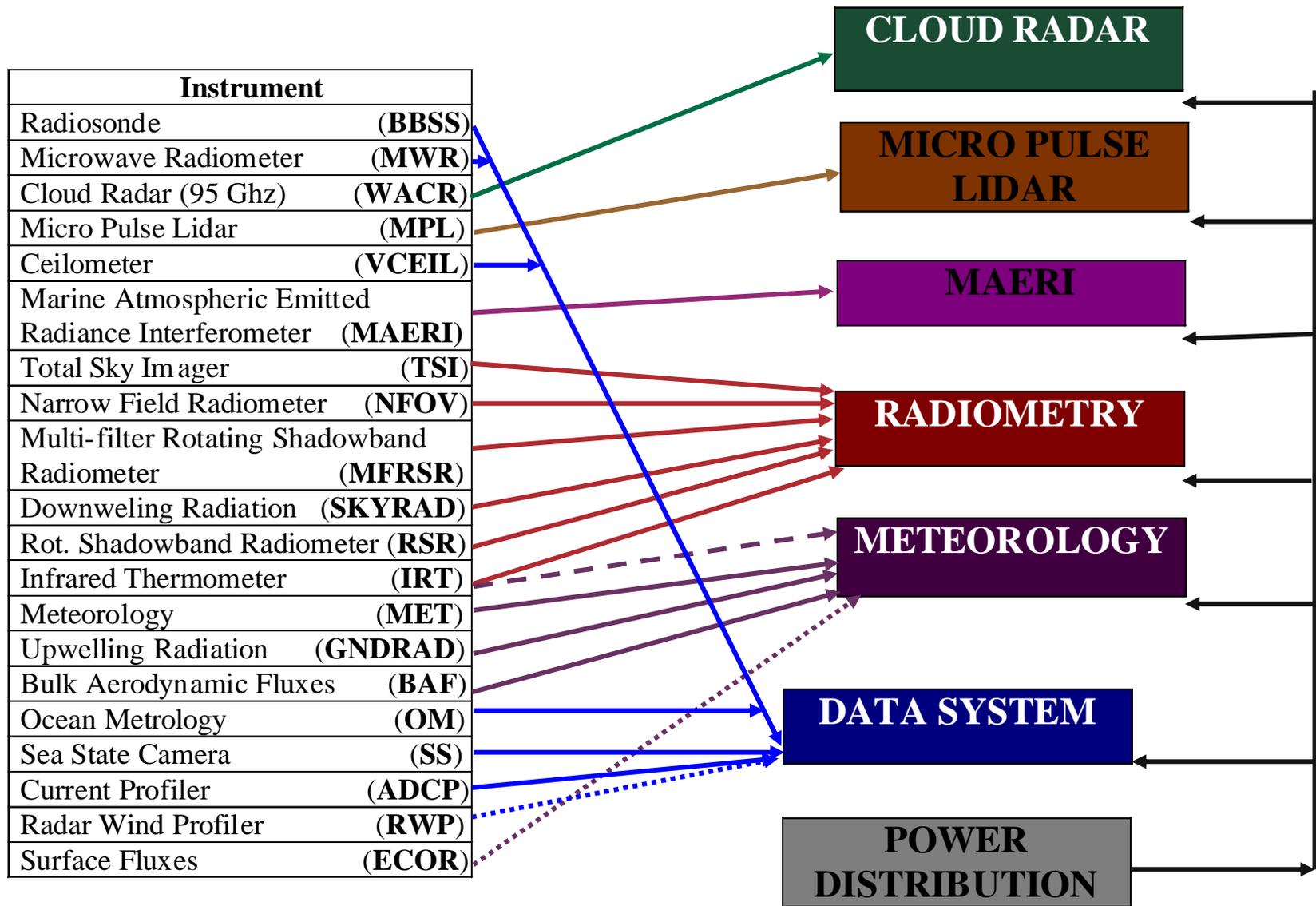


- Capable of ship-board deployment
- Modular Design
- Challenging Climates (arctic, for example, land or ship based)
- Modular design should simplify setup/teardown transition between sites
- Wireless Communications as primary comms
- Single Computer/multiple-systems approach (Virtual Machines)

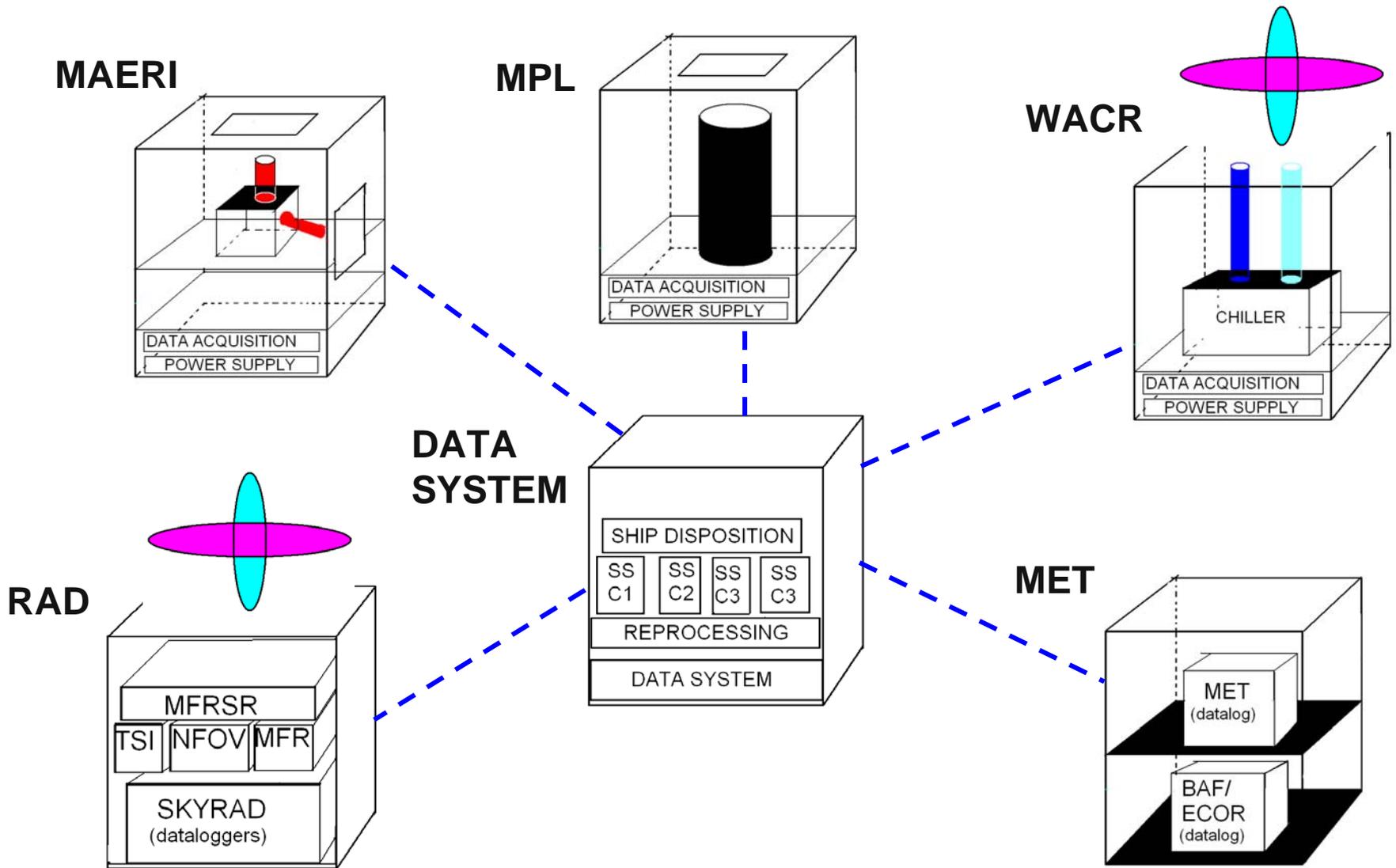
GENERIC MODULE



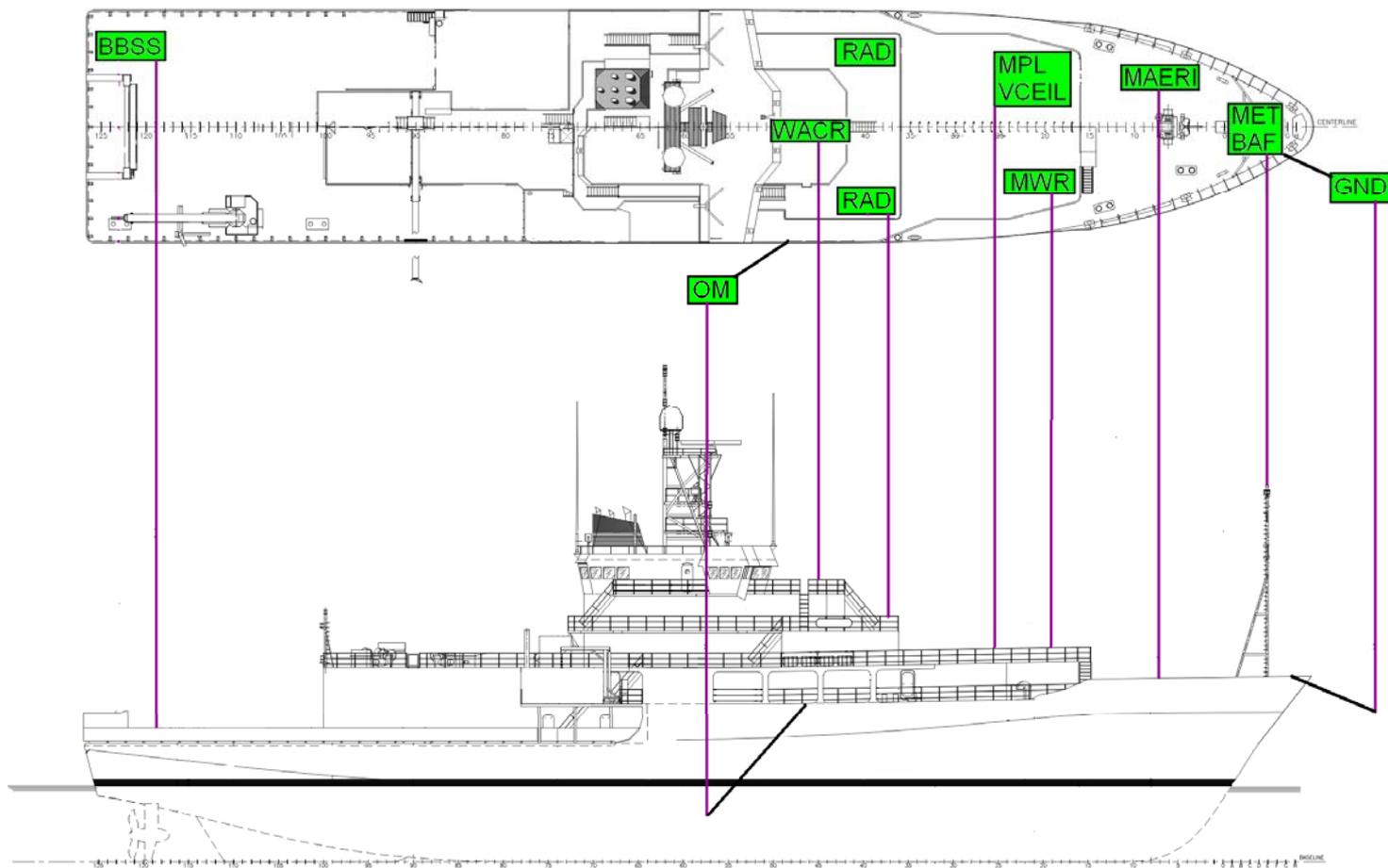
INSTRUMENTS AND MODULES



MODULES

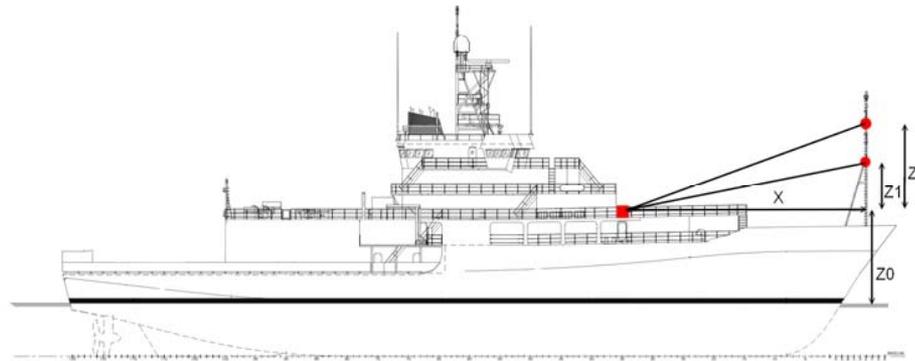


SHIP-BASED MODULE DEPLOYMENT



REPROCESSING

- Ship disposition data stream: ship position and motion variables, date and time, ...
- Will be provided along with all other data streams
- Appropriate variables will be used in reprocessing some data streams (MPL, VCEIL, WACR, MET, BAF)



- **Seatainers:**

- One (A) will be designed to carry modules between sites and will double as command/comm center IF seatainer can be installed at measurement site
- One (B) will carry generators and support hardware
- A third (C) will carry helium for balloon launches
- SWACR?

- **Land Deployment**

- Use ECOR and RWP
- No ship disposition data stream
- Continue to use Modules

StormVEx Deployment

November 1, 2010 - April 30, 2011

Steamboat Springs Ski Resort

Elevation ~ 9,000 ft

Annual snowfall ~ 150-350 inches



StormVEx DEPLOYMENT

