

RVTEC
RF Spectrum
Committee

Steve Hartz
Toby Martin
Annette DeSilva
Richard Perry

directives

- ☀ RF Spectrum Committee is to continue its efforts.
- ☀ Pass on RF Survey results to Otis Brown at The University of Miami (CORF)
- ☀ Look for ways to elicit response from a wider portion of the Oceanographic Community
- ☀ A recent requirement passed on

for 2006 / 2007

- ☀ 26 Types of service were documented
- ☀ Ten original survey respondents with two additional surveys being received after last years meeting

2007

☀ OK - I hope to have something substantial to enter here

Distribution

- ☀ Survey Results went to several places:
 - ☀ Otis Brown Oops! It turns out that Otis is no longer on CORF
 - ☀ We need to establish a distribution list of organizations rather than individuals.
- ☀ UNOLS

What to do?

- ✿ Revise the survey.
- ✿ Find ways to increase response to the survey.
- ✿ For Science use of the RF Spectrum
 - ✿ Shift the burden of obtaining this information directly to the science community.

Survey Revision

- ☼ Simplify the Survey
 - ☼ Drop questions concerning:
 - ☼ Number of days / year of use
 - ☼ Transmit power
- ☼ Create a separate questionnaire for non shipboard users - buoys etc.
 - ☼ Mike Prince suggested this.

Response

- ☀ Provide a hard copy of the survey for key personnel from each of the institutions represented at RVTEC.
- ☀ ??? What other methods can you suggest?

Science User

Directly

- ☀ Have Contacted The Buoy Workshop Committee in an attempt to provide RF Survey as a handout to attendees at their next meeting in March 2008
- ☀ Include a requirement for information concerning RF use earlier in the 'science process'. More on next slide!

from the Science user!

- ☼ Why we should insist on this:
 - ☼ Plain good business!
 - ☼ We can anticipate conflicts and provide workarounds.
 - ☼ Better insurance that we are operating legally!
- ☼ Legally? Yup, looking at violations \$10,000 seems to be the FCC's favorite number. Other countries could be stricter.
 - ☼ The FCC says -
 - ☼ Section 301 of the Communications Act prohibits the "use or operation of any apparatus for the transmission of energy or communications or signal by radio" without a license issued by the Federal Communications Commission. Thus, generally, in order to use or operate a radio station, the Communications Act requires that you first obtain a license by the FCC. There are certain limited exceptions. For example, the Commission has provided blanket authorization to operators of CB radio, radio centre

Further Steps

- ☼ Insist on disclosure of :
 - ☼ Types RF use required
 - ☼ Ask whether or not there exists a requirement for equipment or operator licensees
- ☼ Potential methods for accomplishing this
 - ☼ As part of the proposal process - most painless method for us
 - ☼ As part of the UNOLS ship scheduling process. This might

New directions

- ☀️ Evolve the primitive spreadsheet format into a more suitable format. Open to suggestions!
- ☀️ What are the best methods for eliciting responses to a survey?
- ☀️ Will the results we garner accurately survey RF use over a representative portion of our