

Tri-Agency Listening Sessions Report out to HSRP

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Listening Session Locations Attended by NOAA Navigation Managers

- Anchorage, AK
- New Orleans, LA
- Norfolk, VA
- Honolulu, HI
- Seattle, WA
- New York, NY
- Oakland, CA
- Boston, MA
- Miami, FL
- Port Huron, MI
- Audience: Professional & Recreational Mariners
- Meeting Attendance Ranged from 15-100 participants
- Average Attendance: 30 participants

What was heard at the in person listening sessions

- USCG AIS & Virtual ATON concerns
- Lack of consistency between class A & B AIS vessel transmission (USCG)
- Stakeholders enthusiastic about NOAA ENC first but concerned about chart updates
- Accolades for NOAA RNC WMS feeds that can be viewed in Google Earth & other GIS
- Recreational community concerned that NOAA is still more concerned with Large Shipping
- Suggestion to stream PORTS, NWS alerts, Forecasts via AIS

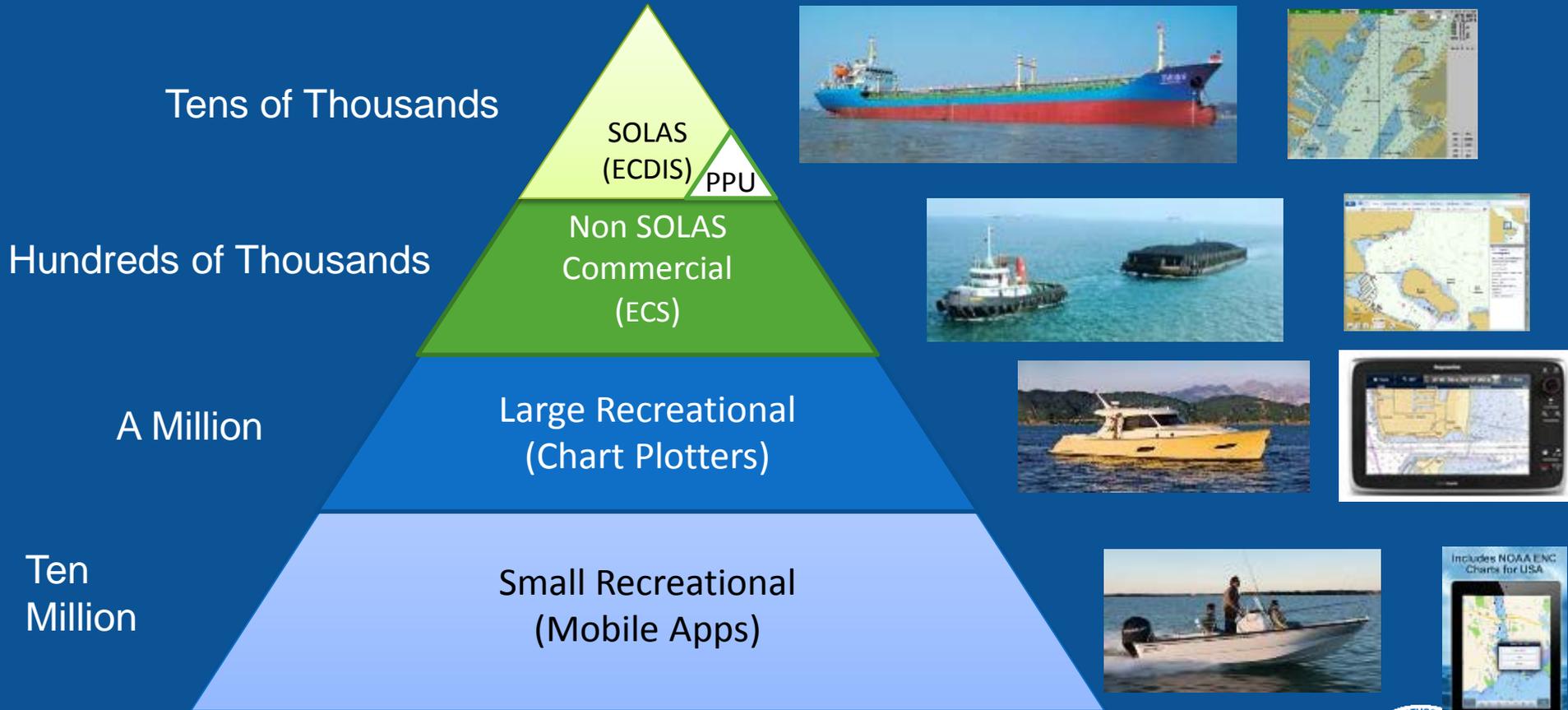
In person feedback Continued

- All mariners asked agencies for better ways to manage updates on their portable devices
- More weather observations for ports and approaching waterways
- Notice to Mariners – not being used in current format, would like to see an upgrade (USCG)
- AIS transmissions require expensive upgrades to electronic systems & old systems can't be retrofitted

Responses from Feedback Forms

- 472 responses on the USCG feedback form
- **65% of responses** were from the **Recreational Boating Community**
- Others reporting included the following:
 - Licensed Mariner (18%)
 - Government (5.5%)
 - Marine Consultant (2.6%)
 - Pilot (2.4%)
 - Military (1.9%)
 - Marine Construction (1.45%)
 - Marine Equipment Manufacturer (1.45%)
 - Port Administration (0.48%)
 - Researcher (0.48%)
 - Commercial Fishing (0.24%)

Focus on ALL the users



How did people hear about the listening sessions and feedback form?

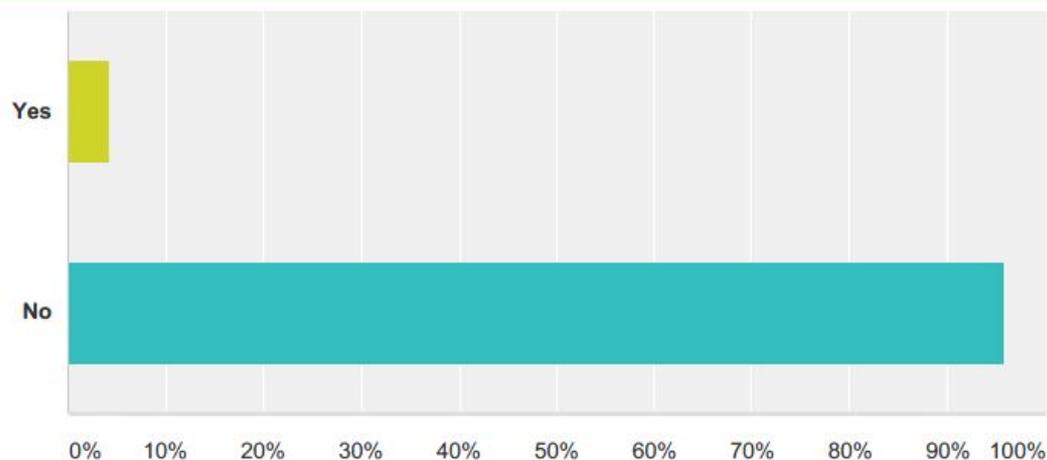
Answer Choices	Responses	
USCG Navigation Center (NAVCEN) website	7.80%	34
USCG Maritime Commons website	3.21%	14
NOAA website	1.15%	5
USACE website	0.69%	3
Other media source	9.86%	43
Facebook	4.82%	21
Twitter	0.00%	0
Other (please specify)	72.48%	316
Total		436



The 'Other' category

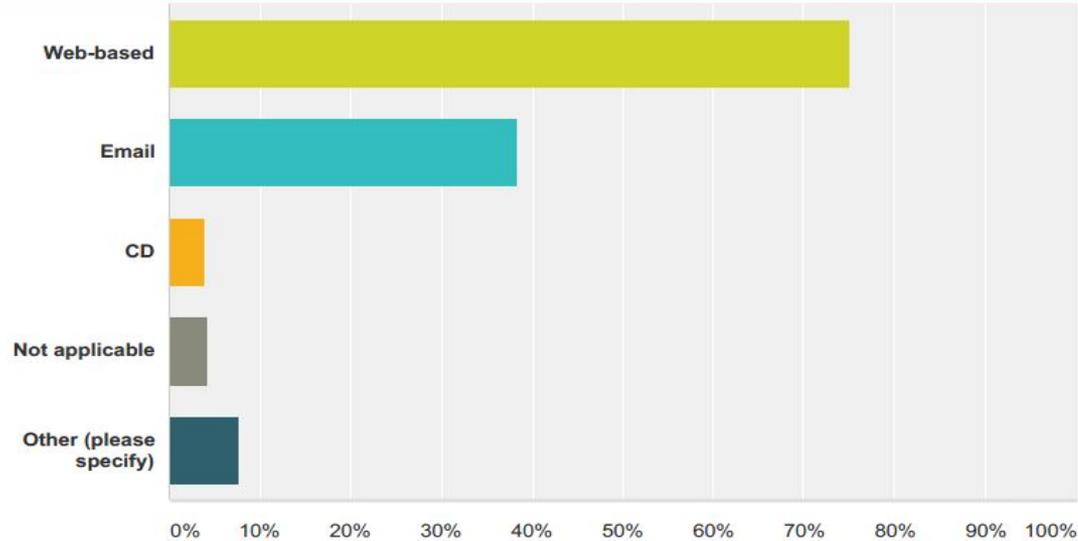
- Yacht Clubs and Associations
- Word of Mouth (i.e. Emails passed along from friends)
- USPS & USCG Aux (meetings/ newsletters)
- Maritime Associations / Websites / Blogs
- Conferences & Maritime Meetings
- LNM & NTM
- Full Service Shipping Logistics Companies

Did you attend a listening session?



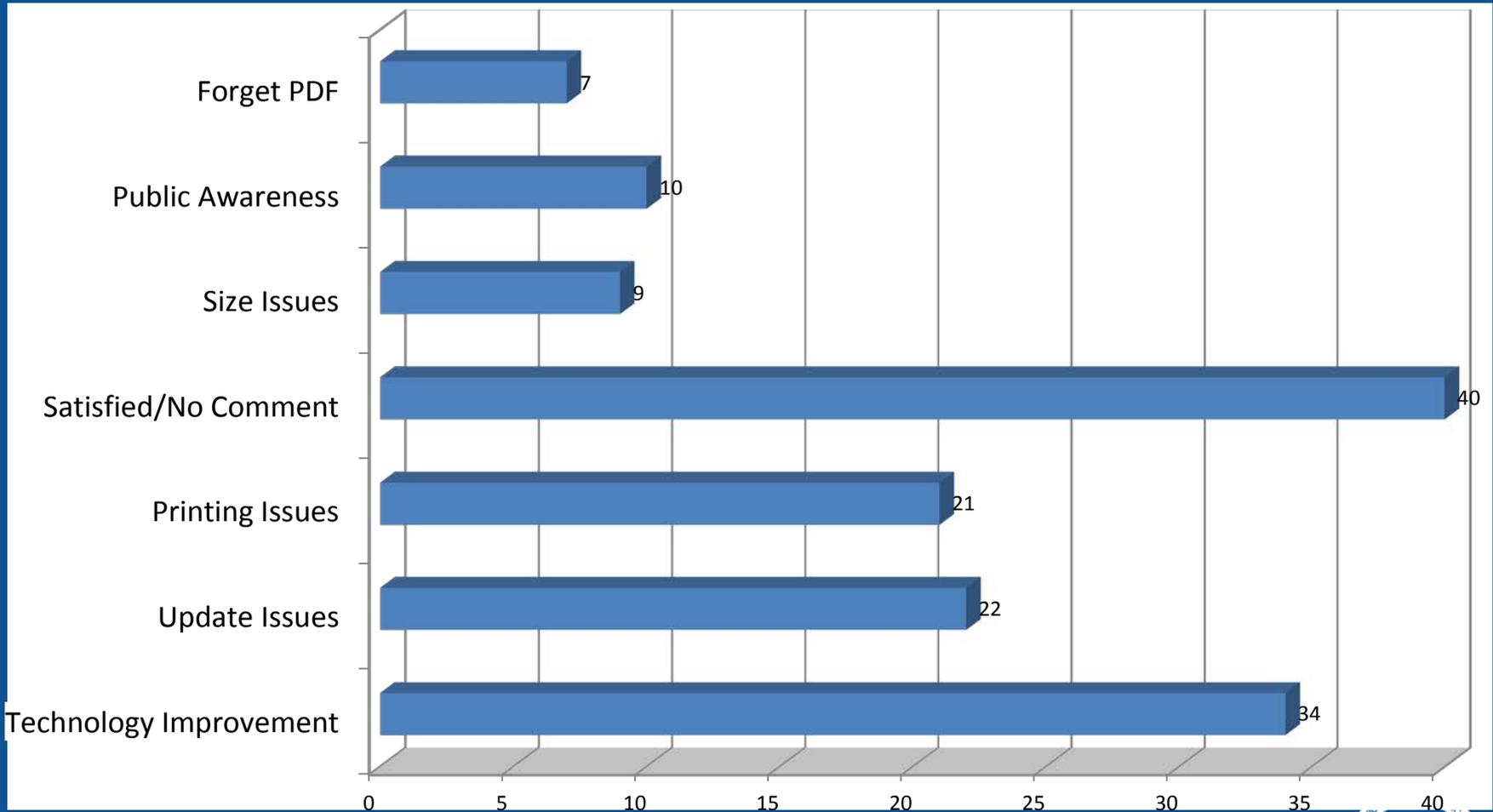
Answer Choices	Responses
Yes	4.10% 18
No	95.90% 421
Total	439

How would you like to access information necessary to regularly update charts/ pubs to latest Notice To Mariner (NTM)?

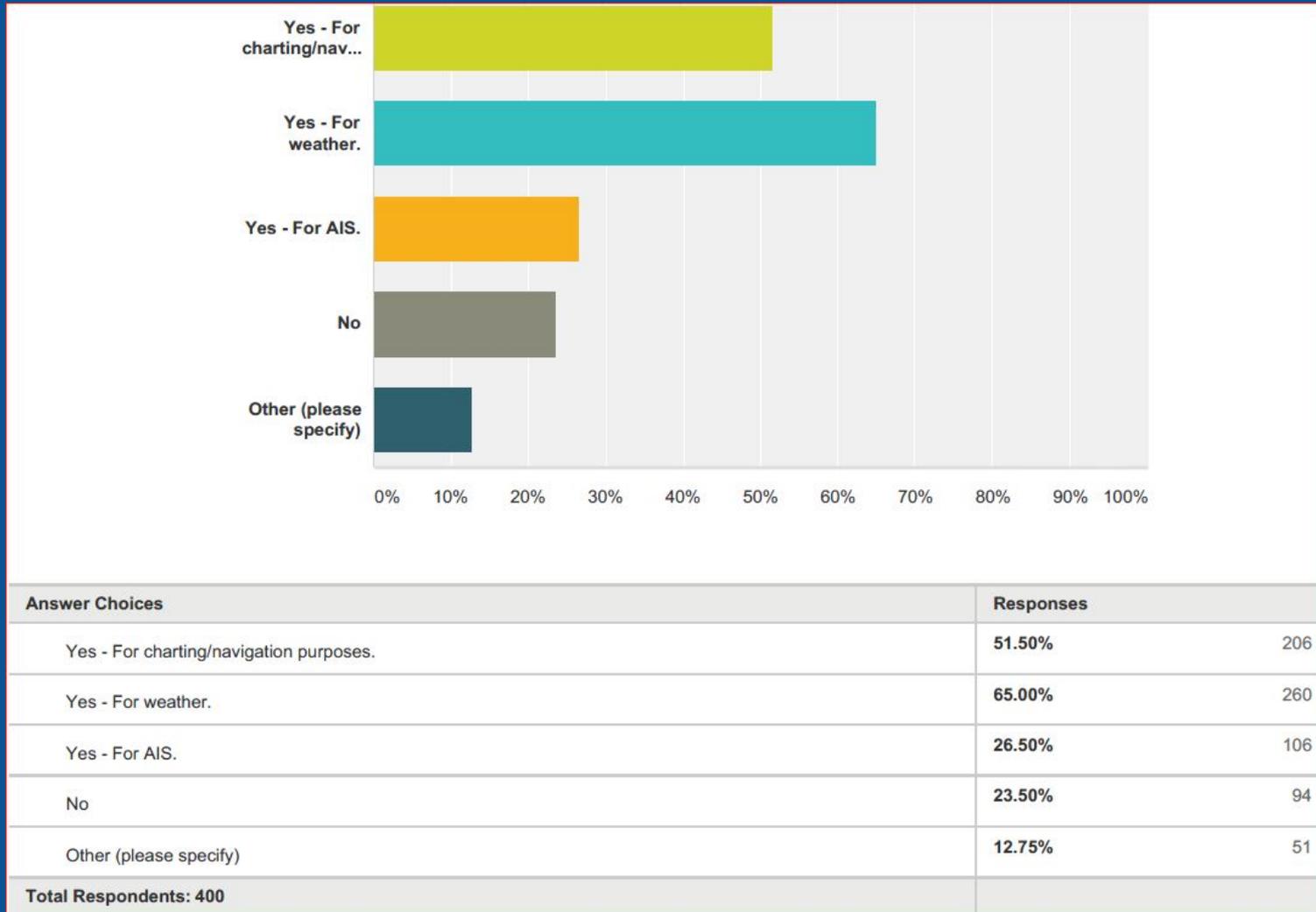


Answer Choices	Responses	
Web-based	74.89%	328
Email	38.36%	168
CD	3.88%	17
Not applicable	4.11%	18
Other (please specify)	7.76%	34
Total Respondents: 438		

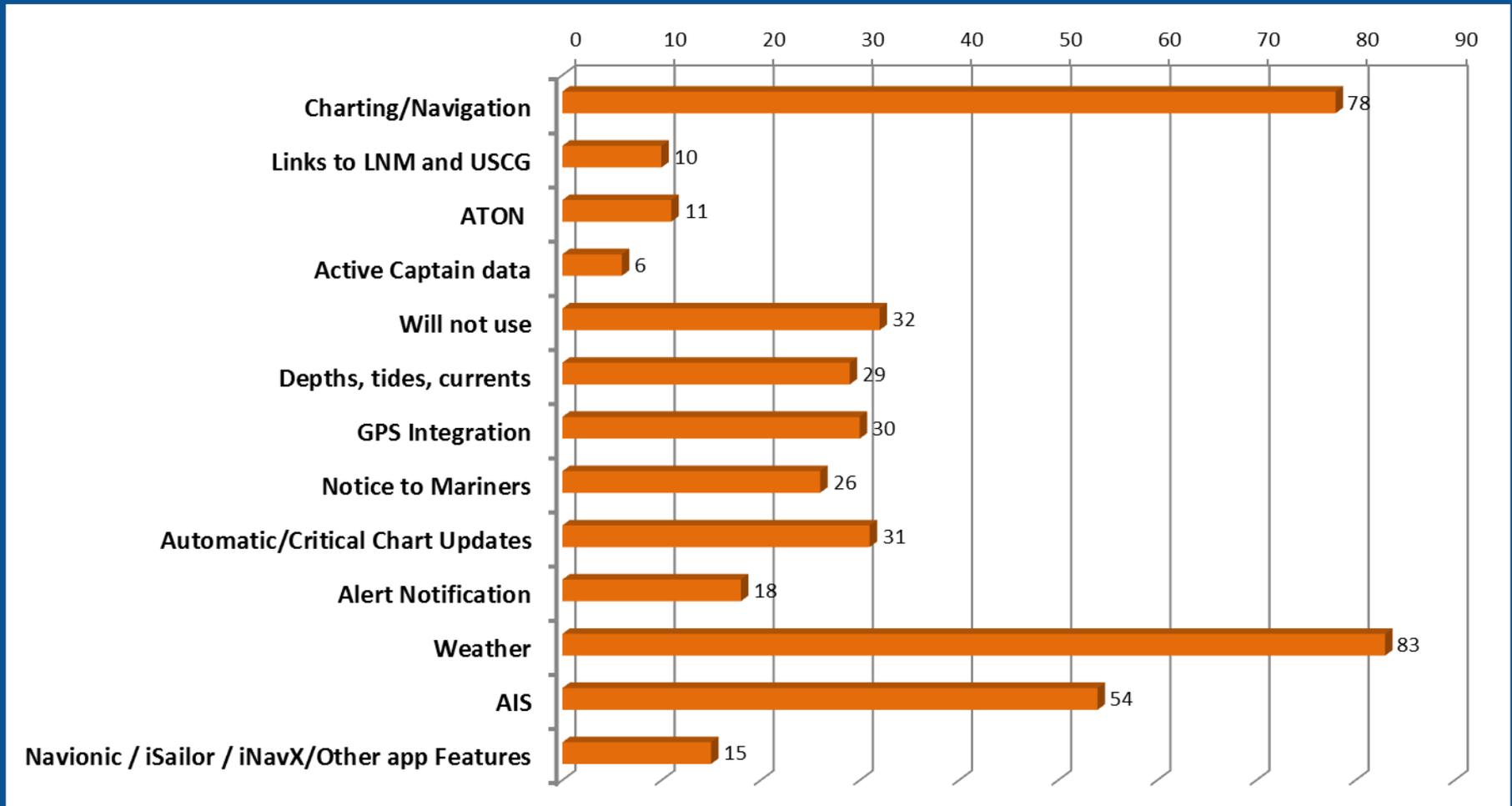
How can NOAA further improve the PDF chart products available online?



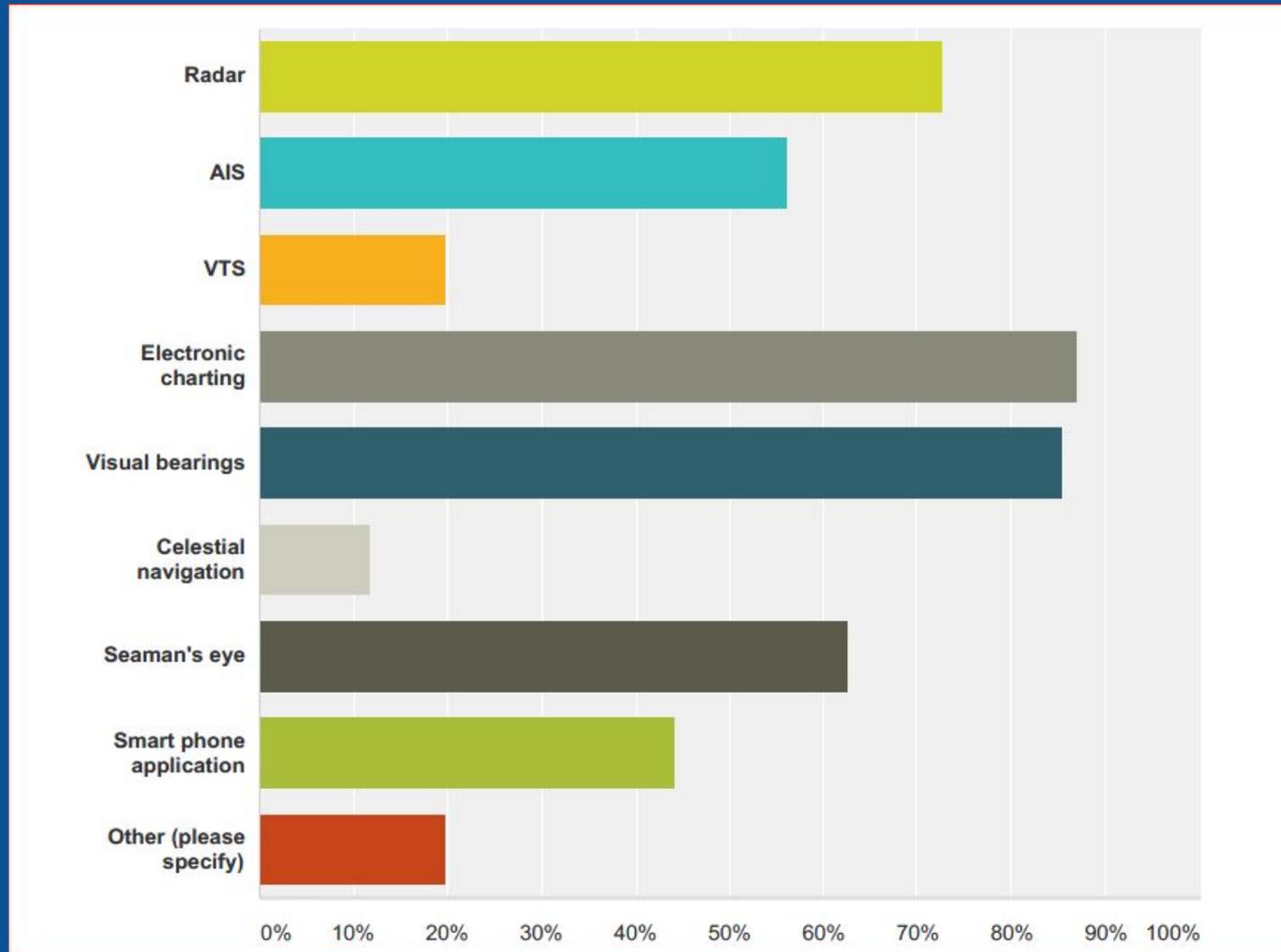
Do you use a mobile device for navigation safety on the water?



If Industry were to develop a mobile App using USCG/NOAA/USCG data, what features & information would you want it to provide?



Additional Services/Tools used for Navigation on the Waterway



Biggest concerns regarding ongoing/upcoming e-Navigation initiatives



	Not concerned	Moderately concerned	Concerned	Extremely concerned	Total	Average Rating
Poor reliability	14.24% 47	27.27% 90	40.91% 135	17.58% 58	330	1.62
Loss of GPS	9.27% 33	13.76% 49	30.06% 107	46.91% 167	356	2.15
Poor regulation of data	17.16% 58	30.18% 102	37.57% 127	15.09% 51	338	1.51
Information security breach	29.59% 100	26.63% 90	27.51% 93	16.27% 55	338	1.30
Reduction of aids to navigation	6.20% 22	13.80% 49	26.48% 94	53.52% 190	355	2.27
Lack of maintenance	5.76% 20	16.71% 58	32.85% 114	44.67% 155	347	2.16



What is NOAA Navigation Services currently doing to address the comments received?

- Electronic Navigation Charts (ENCs) are NOAA's Coast Survey premier product
- Creating a chart tile service for improved mobile chart data
- Hosted NOAA Navigation Services Industry Day to promote variety of data available to software/App developers
- Improving availability and breadth of APIs and WMS feeds of data for better uptake by industry partners
- Helping to educate about virtual aids (via website & one on one conversations)