



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
Know the Earth... Show the Way... Understand the World

NIPWG9 e-Publisher Demonstration

Jason Strom
NIPWG 9
September 2022





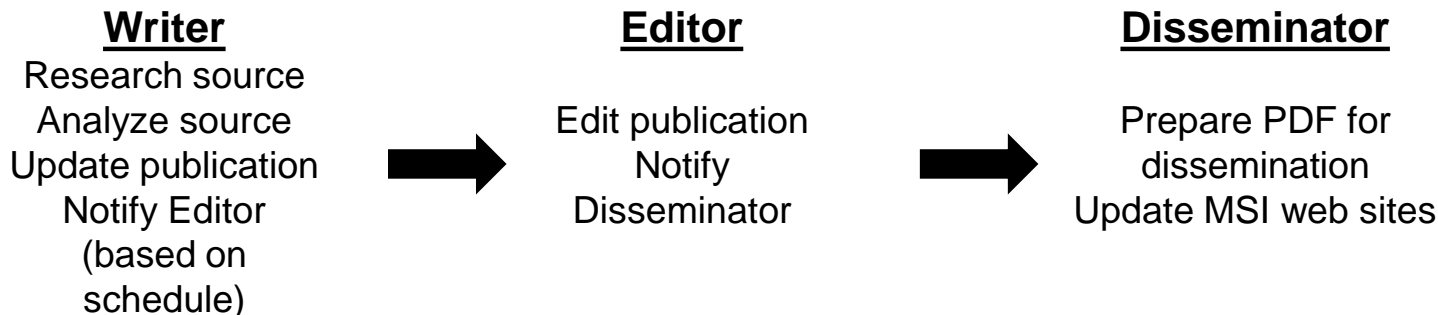
Agenda

- Work Roles—NSS vs. e-Publisher
- How Does e-Publisher Affect Analyst?
- How Does e-Publisher Affect Reviewer/Editor?
- Challenges
- e-Publisher Demonstration
- Summary

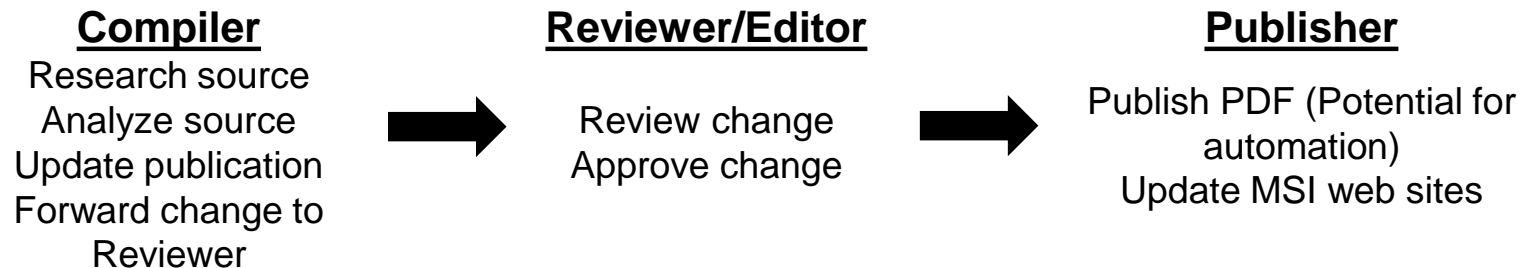


Work Roles—NSS vs. e-Publisher

NSS Process Flow



ePublisher Process Flow





How Does e-Publisher Affect Writer?

NSS	e-Publisher
Source analysis based on fixed schedule.	More flexibility in source analysis.
Table and Image placement done by human eyeball.	Table and image placement assisted by automatic locating.
Analyst must provide a List of Changes to Editor.	List of Changes to Reviewer/Editor not required.
Changes are reviewed/edited based on update cycle.	Changes are reviewed/edited in real time.
Analyst must create a Change Table in the Preface showing Sector-Paragraph location of all changes.	Record of Changes for Sector-Paragraphs created automatically.
Analyst normally physically highlights text changes in red to ensure visibility to the Editor.	Change differences automatically created and displayed.
Currency metrics (3-month and 6-month windows) mandatory.	Currency metrics (3-month and 6-month windows) can be shortened.



How Does e-Publisher Affect Reviewer/Editor?

NSS	e-Publisher
Changes were reviewed/edited based on update cycle.	Changes are reviewed/edited in real time.
Analyst must provide a List of Changes to Editor.	List of Changes to Reviewer/Editor not required.
Analyst created a Change Table in the Preface showing Sector-Paragraph location of all changes.	Record of Changes for Sector-Paragraphs created automatically.
Analyst normally physically highlighted text changes in red to ensure visibility to the Editor.	Change differences automatically created and displayed.
Editor balanced pages by hand to ensure column bottoms aligned with each other.	Use “close enough” balancing. No longer need for column bottoms to align with each other.
Currency metrics (3-month and 6-month windows) mandatory.	Currency metrics (3-month and 6-month windows) can be shortened.
	Updates can be generated based on an assigned cycle (4 weeks/6 weeks/other) or as necessary.



Challenges

- All Analysts and Reviewers/Editors have limited experience working e-Publisher. How steep and long will the learning curve be?
- Migrate Sailing Directions from NSS Structured Framemaker to e-Publisher.
- Develop process to review all newly-input Sailing Directions in e-Publisher to ensure all formatting requirements are met:
 - Who will perform the reviews? Sailing Directions analysts? Other Maritime Safety Office personnel? Contractors?
 - Length of time to review each publication.
 - Number of personnel assigned to the review process.
 - Assuming a 2-week review timeline per publication:
 - One (1) reviewer—21 months.
 - Two (2) reviewer—11 months.
 - Three (3) reviewers—7 months.
- Develop a schedule to minimize impact of e-Publisher review on the continuing analysis, editing, and dissemination of Sailing Directions updates:



Summary

- **Positive:**

- More flexibility in source analysis.
- Maximum time between updates can be reduced.
- Analyst no longer needs to provide Reviewer/Editor with red-highlighted changed text, List of Changes, or Change Tables.
- Reviewer/Editor spends less time relocating Images/Tables and balancing pages.

- **Negative:**

- Analysts may have to adjust work style.
- Harder to add an ad hoc update into analyst schedule.
- New production metrics need to be developed.



UNCLASSIFIED

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

Know the Earth... Show the Way... Understand the World

Questions
Comments
Suggestions



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

Know the Earth... Show the Way... Understand the World