

U.S. Department of Commerce National Oceanic & Atmospheric Administration



Privacy Impact Assessment for the NOAA6702 Office of Response and Restoration Products (ORRPs)

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U.S. Department of Commerce Privacy Impact Assessment

NOAA/NOS/Office of Response & Restoration Products

Unique Project Identifier: NOAA6702

Introduction: System Description

Provide a brief description of the information system.

The National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), Office of Response and Restoration (ORR) is the focal point in NOAA for preventing, planning for, and responding to oil spills, releases of hazardous substances, and hazardous waste sites in coastal environments and restoring affected resources. ORR protects and restores coastal resources through the application of science and technology. On behalf of the public, ORR addresses environmental threats from catastrophic emergencies such as the oil spills of the ship, Exxon Valdez or the oil drilling rig of the Deepwater Horizon; chronic releases from contaminated sediments such as the Hudson River Superfund site; and vessel groundings in sanctuaries such as coral reefs in the Florida Keys. By working in partnerships, ORR empowers communities and decision makers to be coastal stewards by transferring the results of its experience through training, guidance, and decision-making tools that emphasize actions to take to improve coastal health.

ORRPs is comprised of applications developed and published by the divisions within ORR - Assessment and Restoration Division (ARD), the Emergency Response Division (ERD), Disaster Response Center (DRC), Marine Debris Program (MDP) and Business Operations Division (BOD). ORRPs is hosted in the Amazon Web Services (AWS) U.S. East/West FedRAMP cloud. The system is a cloud-based solution operating the Environmental Response Management Application (ERMA®), the Data Integration, Visualization, Exploration, and Reporting (DIVER) application, the Marine Debris website, NOAA Response Asset Directory (NRAD) website, NOAA's Damage Assessment Remediation and Restoration Program (DARRP) website, Response and Restoration website, and the ORR Intranet website.

NOAA6702 has user identification requirements and applications that support assessment and restoration of natural resources, which may require the collection of Personally Identifiable Information (PII) or Business Identifiable Information (BII).

Address the following elements:

(a) Whether it is a general support system, major application, or other type of system

NOAA6702 is a general support system.

(b) System location

NOAA6702 is hosted in the Amazon Web Services (AWS) US-East/West region, with endpoints in the following Availability Zones:

us-west-1 (N. California)
us-west-2 (Oregon)
us-east-1 (N. Virginia)
us-east-2 (Ohio)

(c) Whether it is a standalone system or interconnects with other systems (identifying and describing any other systems to which it interconnects)

NOAA6702 – Interconnects with the following systems:
NOAA6701 – ORR Local Area Network (ORRLAN)
NOAA0100 – NOAA Office of the Chief Information Officer (OCIO)
NOAA0700 – NOAA High Availability Enterprise Services

(d) The way the system operates to achieve the purpose(s) identified in Section 4

NOAA6702 serves applications with a high degree of availability to ensure that ORR staff and others are able to access these critical applications without interruption. Applications are also able to scale according to demand, utilizing the “Elastic” capabilities of the cloud. All applications are accessed via web interfaces using HyperText Transfer Protocol Secure (HTTPS). Some applications also collect data through application to application interfaces.

(e) How information in the system is retrieved by the user

Information is retrieved using Government Furnished Equipment (GFE) to open, review, verify, and securely delete the information for NOAA personnel updating and maintaining the applications in NOAA6702. Public users do not require accounts to access public sites including public outreach, communication, employee/ partner recognition which may include photographs, biographies, and Unmanned Aircraft System (UAS) video recordings. Non-NOAA partners who require access to applications that are not publicly available use username and passwords. All the sites which are hosted utilize Transport Layer Security (TLS) certificates for enhanced security through the user’s browser.

(f) How information is transmitted to and from the system

Information in NOAA6702 is mostly collected through web applications and forms. Any information that is collected through an e-mail link is then collected and maintained by

NOAA6701 in its support role for NOAA6702. Applications such as ERMA in NOAA6702 share data with other state and federal agencies such as the US Coast Guard (USCG), the Department of the Interior (DOI), and the Department of Homeland Security (DHS). Homeland Security Infrastructure Program (HSIP) data comes from a DHS mapped server (mapping system like ERMA). ERMA Receives ship location information from Nationwide Automatic Identification System (NAIS) from the USCG's secure server. Encryption of data in transit is used for system connections.

(g) Any information sharing

NOAA6702 information sharing related to PII/BII is limited and not shared outside of the bureau with the exception of facial images, which may appear on publicly accessible websites. Applications such as ERMA in NOAA6702 share data with other federal and state agencies such as the USCG, DOI, and DHS. HSIP data comes from a DHS mapped server (mapping system similar to ERMA). ERMA Receives ship location information from NAIS from the USCG's secure server. PII is shared with the Department of Commerce and other Federal bureaus in case of security/privacy breach.

(h) The specific programmatic authorities (statutes or Executive Orders) for collecting, maintaining, using, and disseminating the information

Natural Resources Damage Assessments	NOAA	Comprehensive Environmental Response, Compensation & Liability Act (CERCLA)
	Damage Assessment, Remediation and Restoration Program (DARRP)	Federal Water Pollution Control Act Marine Protection, Research and Sanctuaries Act Oil Pollution Act of 1990, P.L. 101-380 15 C.F.R. 990
Biographical Info / Social Networks	COMMERC E/ DEPT-20	5 U.S.C. 15 U.S.C. § 1516 E.O. 11625 Presidential Memorandum to the Heads of Executive Departments and Agencies on Transparency and Open Government, January 21, 2009 OMB Open Government Directive, M-10-06, December 8, 2009 OMB Guidance for Online Use of Web Measurement and Customization Technologies, M-10-22, June 25, 2010
Personnel Actions Including Training	COMMERCE/ DEPT-18	44 U.S.C. 3101
		Executive Orders 12107, 13164, 41 U.S.C. 433(d)

Contact Information for the Public	NOAA-11	5 U.S.C. 301, Departmental Regulations 15 U.S.C. 1512, Powers and duties of Department
System Administration/Audit Data (SAAD)	COMMERCE/ DEPT-25	5 U.S.C. 301 Homeland Security Presidential Directive 12, Policy for a Common Identification Standard for Federal Employees and Contractors Electronic Signatures in Global and National Commerce Act, Public Law 106-229 28 U.S.C. 533-535
Litigation	COMMERCE/ DEPT-14	5 U.S.C. 301 28 U.S.C. 533-535 and 1346(b) 44 U.S.C. 3101 National Marine Sanctuaries Act, 16 U.S.C. 1431 et seq. Marine Debris Act, 33 U.S.C. 1951 et seq. Coast and Geodetic Survey Act, 33 U.S.C. 883a et seq Coastal Zone Management Act, 16 U.S.C. 1451 et seq. Coral Reef Conservation Act, 16 U.S.C. 6401 et seq Ocean Pollution Act, 33 U.S.C. 2701 et seq Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. 9601 et seq Clean Water Act, 33 U.S.C. 1251 47 CFR parts 80, 87, and 95 Office of Management & Budget (OMB) Circular A-130 Magnuson-Stevens Fishery Conservation and Management Act, 16 U.S.C. 1801 et seq High Seas Fishing Compliance Act of 1995, 16 U.S.C. 5501 et seq International Fisheries Regulations: Vessels of the United States Fishing in Colombian Treaty Waters: 50 CFR 300.120 FAA Modernization and Reform Act of 2012 (Pub. L. 112-95) American Fisheries Act, Title II, Public Law 105-277

Atlantic Coastal Fisheries Cooperative Management Act of 1993, 16 U.S.C. 5101-5108, as amended 1996
Tuna Conventions Act of 1950, 16 U.S.C. 951-961
Atlantic Tunas Convention Authorization Act, 16 U.S.C. Chapter 16A
Northern Pacific Halibut Act of 1982, 16 U.S.C. 773 et seq. (Halibut Act)
Antarctic Marine Living Resources Convention Act of 1984, 16 U.S.C. 2431-2444
Marine Mammal Protection Act, 16 U.S.C. 1361

(i) The Federal Information Processing Standards (FIPS) 199 security impact category for the system

NOAA6702 has a security impact categorization of Moderate (M, M, M)

Section 1: Status of the Information System

1.1 Indicate whether the information system is a new or existing system.

_____ This is a new information system.

_____ This is an existing information system with changes that create new privacy risks.
(Check all that apply.)

Changes That Create New Privacy Risks (CTCNPR)					
a. Conversions		d. Significant Merging		g. New Interagency Uses	
b. Anonymous to Non- Anonymous		e. New Public Access		h. Internal Flow or Collection	
c. Significant System Management Changes		f. Commercial Sources		i. Alteration in Character of Data	
j. Other changes that create new privacy risks (specify):					

_____ This is an existing information system in which changes do not create new privacy risks, and there is not a SAOP approved Privacy Impact Assessment.

X This is an existing information system in which changes do not create new privacy risks, and there is a SAOP approved Privacy Impact Assessment.

Section 2: Information in the System

2.1 Indicate what personally identifiable information (PII)/business identifiable information (BII) is collected, maintained, or disseminated. (Check all that apply.)

Identifying Numbers (IN)					
a. Social Security*		f. Driver's License		j. Financial Account	
b. Taxpayer ID		g. Passport		k. Financial Transaction	
c. Employer ID		h. Alien Registration		l. Vehicle Identifier	
d. Employee ID		i. Credit Card		m. Medical Record	
e. File/Case ID	X				
n. Other identifying numbers (specify): In NOAA6702, descriptive fields such as the project's name, phase, location, type (i.e., planning or project), and the activity under which the project is being undertaken are associated with the Project or File/Case ID.					
*Explanation for the business need to collect, maintain, or disseminate the Social Security number, including truncated form:					

General Personal Data (GPD)					
a. Name	X	h. Date of Birth		o. Financial Information	
b. Maiden Name		i. Place of Birth		p. Medical Information	
c. Alias		j. Home Address		q. Military Service	
d. Gender		k. Telephone Number	X	r. Criminal Record	

e. Age		l. Email Address	X	s. Marital Status	
f. Race/Ethnicity		m. Education		t. Mother's Maiden Name	
g. Citizenship		n. Religion			
u. Other general personal data (specify):					

Work-Related Data (WRD)					
a. Occupation		e. Work Email Address	X	i. Business Associates	
b. Job Title		f. Salary		j. Proprietary or Business Information	
c. Work Address		g. Work History		k. Procurement/contracting records	
d. Work Telephone Number	X	h. Employment Performance Ratings or other Performance Information			
l. Other work-related data (specify):					

Distinguishing Features/Biometrics (DFB)					
a. Fingerprints		f. Scars, Marks, Tattoos		k. Signatures	
b. Palm Prints		g. Hair Color		l. Vascular Scans	
c. Voice/Audio Recording		h. Eye Color		m. DNA Sample or Profile	
d. Video Recording	X	i. Height		n. Retina/Iris Scans	
e. Photographs	X	j. Weight		o. Dental Profile	
p. Other distinguishing features/biometrics (specify): NOAA6702 supports ORR public outreach, communication, and employee/partner recognition on our public web sites which may include photos, biographies, and award recognition. Video recordings captured by UAS or GoPro cameras of habitats or spill areas may inadvertently capture bystanders.					

System Administration/Audit Data (SAAD)					
a. User ID	X	c. Date/Time of Access	X	e. ID Files Accessed	
b. IP Address	X	f. Queries Run	X	f. Contents of Files	
g. Other system administration/audit data (specify): User ID is logged in NOAA6702 (ERMA and DIVER) when files are uploaded. Displayed as user name on the screen.					

Other Information (specify)
NOAA6702 ORRs supports Natural Resource Damage Assessment (NRDA) and Restoration cases and projects. ERMA is an online mapping tool designed to aid in spill preparedness and planning, assist in coordinating emergency response efforts and situational awareness for human and natural disasters and support the NRDA process. The case data, when a case is active, may contain BII (oil spill evidence identifying the source of the spill) and PII (contact information for those who collected the information).
The National DIVER Portal is a login website that encompasses the DIVER Data Warehouse, which contains environmental data, activity data, and restoration project data. The case data, when a case is active, may contain BII (evidence identifying the source of the hazardous release; project restoration identifying information) and PII (Contact information for account users, including those who collected the information).
DOI shares data for the DIVER application on restoration projects and funding. The data shared with DOI is publicly available and contains no PII or BII.

2.2 Indicate sources of the PII/BII in the system. *(Check all that apply.)*

Directly from Individual about Whom the Information Pertains					
In Person		Hard Copy: Mail/Fax		Online	X
Telephone		Email	X		
Other (specify):					

Government Sources					
Within the Bureau	X	Other DOC Bureaus		Other Federal Agencies	X
State, Local, Tribal	X	Foreign			
Other (specify): Case data for NRDA activities					

Non-government Sources					
Public Organizations		Private Sector	X	Commercial Data Brokers	
Third Party Website or Application					
Other (specify):					

2.3 Describe how the accuracy of the information in the system is ensured.

Manual review of the data is used to verify data.

2.4 Is the information covered by the Paperwork Reduction Act?

	Yes, the information is covered by the Paperwork Reduction Act. Provide the OMB control number and the agency number for the collection.
X	No, the information is not covered by the Paperwork Reduction Act.

2.5 Indicate the technologies used that contain PII/BII in ways that have not been previously deployed. *(Check all that apply.)*

Technologies Used Containing PII/BII Not Previously Deployed (TUCPBNDP)			
Smart Cards		Biometrics	
Caller-ID		Personal Identity Verification (PIV) Cards	
Other (specify):			
X	There are not any technologies used that contain PII/BII in ways that have not been previously deployed.		

Section 3: System Supported Activities

- 3.1 Indicate IT system supported activities which raise privacy risks/concerns. (*Check all that apply.*)

Activities			
Audio recordings		Building entry readers	
Video surveillance		Electronic purchase transactions	
Other (specify): Video recordings captured by UAS or GoPro cameras of habitats or spill areas may inadvertently capture bystanders.			
There are not any IT system-supported activities which raise privacy risks/concerns.			

Section 4: Purpose of the System

- 4.1 Indicate why the PII/BII in the IT system is being collected, maintained, or disseminated. (*Check all that apply.*)

Purpose			
For a Computer Matching Program		For administering human resources programs	
For administrative matters	X	To promote information sharing initiatives	X
For litigation	X	For criminal law enforcement activities	X
For civil enforcement activities	X	For intelligence activities	
To improve Federal services online	X	For employee or customer satisfaction	X
For web measurement and customization technologies (single-session)	X	For web measurement and customization technologies (multi-session)	X
Other (specify):			

Section 5: Use of the Information

- 5.1 In the context of functional areas (business processes, missions, operations, etc.) supported by the IT system, describe how the PII/BII that is collected, maintained, or disseminated will be used. Indicate if the PII/BII identified in Section 2.1 of this document is in reference to a federal employee/contractor, member of the public, foreign national, visitor or other (specify).

User name, phone number, and work email addresses are collected during the account request process. The username given is the root of the user's email address, and the email address must be a work email account. Email address is used for correspondence about planned system outages, etc., and for password reset requests. This PII is collected from federal and state employees and contractors, and academia (researchers who are participating in data collection and analysis for response and or restoration efforts) users who request an account on the system and are approved for a valid business need.

Administrative information is used to designate the role for access to information and the decision to allow modification to the information based on the role assigned.

Last successful login time is used to gauge automatic account deactivation.

Information sharing is an initiative to provide information, which may include PII/BII, for organizations that need it for litigation actions pursuant a court order. Interagency data flows: USCG and NOAA Homeland Security Program Office (HSPO) among others use DIVER/ERMA for responses to spills and responses.

ORR provides information requested by other agencies from information collected during NRDA in support of their missions. BII may be collected as part of a NRDA requirements and potential case litigation.

ERMA is used by the NOAA HSPO as a tool to provide their Common Operating Picture. HSPO uses the maps and data layer information from ERMA for agency situational awareness and response related to an event impacting NOAA, People, Mission and Infrastructure.

The NOAA6702 system supports ORR in public outreach, communication, and employee/partner recognition on our public web sites which may include photos, biographies, and award recognition.

For web measurement and customization technologies (multi-session) NOAA6702 is required to collect and maintain data on public facing web sites which are required to use Google Analytics, organized by the Office of Management and Budget (OMB), "Guidance for Online Use of Web Measurement and Customization Technologies" (OMB M-10-22). This cookie does not collect personal identifying information and is considered a Tier 2 service in the OMB guidance.

The use of Tier 2 multi-session cookies that are not collecting PII is a requirement by the Federal CIO (https://www.whitehouse.gov/wp-content/uploads/legacy_drupal_files/omb/memoranda/2017/m-17-06.pdf), which states:

"All public facing websites and digital services should be designed around user needs with data- driven analysis influencing management and development decisions. Agencies should use qualitative and quantitative data to determine user goals, needs, and behaviors, and continually test websites and digital services to ensure that user needs are addressed.

A. All agencies must participate in the General Service Administration's (GSA) Digital Analytics Program DAP and deploy the DAP tracking code on all public facing agency websites. The DAP provides agencies with free quantitative analytics to inform website management. Participation in the DAP does not preclude agencies from using other analytics programs.

B. GSA will maintain a public listing of the domains participating in the DAP and track agency compliance on the DotGov Dashboard and

C. Agency use of web measurement and customization technologies must comply with OMB Memorandum M-10-22, Guidance for Online Use of Web Measurement and Customization Technologies".

The Federal CIO provides the mandate to use tier-2 multi-session cookies and/or other technologies for tracking analytics.

- 5.2 Describe any potential threats to privacy, such as insider threat, as a result of the bureau's/operating unit's use of the information, and controls that the bureau/operating unit has put into place to ensure that the information is handled, retained, and disposed appropriately. (For example: mandatory training for system users regarding appropriate handling of information, automatic purging of information in accordance with the retention schedule, etc.)

Potential threats to privacy for NOAA6702 include unintentional disclosure, information system breaches, insider threats, etc. NOAA6702 users are required to take annual IT Security awareness training including protecting PII. ORR has additional PII training for users several times a year. NOAA6702 systems are monitored and audit logs are fed to the NOAA-Computer Incident Response Team (N-CIRT) for monitoring. NOAA6702 is assessed annually by independent assessors to validate the security controls in place to protect the confidentiality, integrity, and availability of the information system.

Section 6: Information Sharing and Access

- 6.1 Indicate with whom the bureau intends to share the PII/BII in the IT system and how the PII/BII will be shared. *(Check all that apply.)*

Recipient	How Information will be Shared		
	Case-by-Case	Bulk Transfer	Direct Access
Within the bureau	X		X
DOC bureaus	X		X
Federal agencies	X		X
State, local, tribal gov't agencies	X		X
Public			X
Private sector	X		
Foreign governments	X		
Foreign entities			
Other (specify):			

	The PII/BII in the system will not be shared.
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- 6.2 Does the DOC bureau/operating unit place a limitation on re-dissemination of PII/BII shared with external agencies/entities?

	Yes, the external agency/entity is required to verify with the DOC bureau/operating unit before re-dissemination of PII/BII.
	No, the external agency/entity is not required to verify with the DOC bureau/operating unit before re-dissemination of PII/BII.
X	No, the bureau/operating unit does not share PII/BII with external agencies/entities.

6.3 Indicate whether the IT system connects with or receives information from any other IT systems authorized to process PII and/or BII.

X	<p>Yes, this IT system connects with or receives information from another IT system(s) authorized to process PII and/or BII.</p> <p>Provide the name of the IT system and describe the technical controls which prevent PII/BII leakage:</p> <p>NOAA Enterprise services (NOAA0100, NOAA0700) interconnects permit the use of various security related and authentication services. The interconnections are restricted to ports and protocols necessary to make use of these services. No user accounts exist that would permit access to PII/BII on NOAA6702 systems.</p> <p>The interconnection with NOAA6701 allows administrators access to AWS-based applications. Access is restricted by 2FA mechanisms, and user rights are restricted through OS level controls, AWS console controls and application-level controls.</p> <p>For active case data that is held locally in ERMA, Access Control, Encryption, Virtual Private Network, Amazon Web Services (AWS) Cloud Environment, HSIP data comes from a DHS mapped server (mapping system similar to ERMA).</p> <p>Receives ship location information from Nationwide Automatic Identification System (NAIS) from the USCG's secure server. Encryption of data in transit is used for system connections (PII/BII information).</p> <p>(Response/ NRDA) Specific: Information sharing is an initiative to provide information, which may include PII/BII, for organizations that need it for litigation actions pursuant a court order. Interagency data flows: USCG and NOAA HSPO among others use DIVER/ERMA for responses hazardous releases and disasters.</p> <p>The NOAA6702 system enables ORR in providing public outreach, communication, and employee/partner recognition on our public web sites which may include photos, biographies, and award recognition.</p> <p>The DIVER application data flow is managed by data managers on a workspace and record level basis</p>
	No, this IT system does not connect with or receive information from another IT system(s) authorized to process PII and/or BII.

6.4 Identify the class of users who will have access to the IT system and the PII/BII. *(Check all that apply.)*

Class of Users			
General Public	X	Government Employees	X
Contractors	X		
Other (specify): General public will only have access to the public outreach, communication, and employee/partner recognition on our public web sites which only contains non-sensitive PII which may include images, photographs, biographies, and award recognition.			

Section 7: Notice and Consent

7.1 Indicate whether individuals will be notified if their PII/BII is collected, maintained, or disseminated by the system. *(Check all that apply.)*

X	Yes, notice is provided pursuant to a system of records notice published in the Federal Register and discussed in Section 9.	
X	Yes, notice is provided by a Privacy Act statement and/or privacy policy. The Privacy Act statement and/or privacy policy can be found at: https://oceanservice.noaa.gov/privacy.html https://response.restoration.noaa.gov/privacy-act-statement https://portal.diver.orr.noaa.gov/web/national/request-user-account https://marinedebris.noaa.gov/privacy-policy https://intranet.orr.noaa.gov/privacy-policy (see Appendix 1 at the end of this document) https://www.darrp.noaa.gov/privacy-policy https://erma.noaa.gov	
X	Yes, notice is provided by other means.	Specify how: Notice is provided on the user account sites.
X	No, notice is not provided.	Specify why not: Individuals inadvertently captured by UAS do not receive notification.

7.2 Indicate whether and how individuals have an opportunity to decline to provide PII/BII.

X	Yes, individuals have an opportunity to decline to provide PII/BII.	Specify how: Individuals can choose to not request an account through online forms, web applications and email. An individual can decline to provide PII, but they will not receive an account. Individuals can decline to provide PII by not providing their images, photographs. Organizations provide BII based on an agreement with the agency in place (ERMA currently has an agreement with USCG).
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X	No, individuals do not have an opportunity to decline to provide PII/BII.	Specify why not: Individuals inadvertently captured by UAS do not have opportunity to decline.
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7.3 Indicate whether and how individuals have an opportunity to consent to particular uses of their PII/BII.

X	Yes, individuals have an opportunity to consent to particular uses of their PII/BII.	Specify how: Email address, phone number, and name are required for account maintenance and communication. Individuals consent to this use of their PII/BII by requesting an account. Individuals have the opportunity to consent to particular uses of their PII by providing written consent to the use of images, photographs, before that information is shared on web sites. The draft USCG agreement for NAIS data does not specify BII, but does say that sensitive information is for official use only and should be protected as such. The NAIS data is restricted from public access which is limited to federal government users. Other BII collected, such as in response to a spill, is done under specific programmatic authority, such as the Oil Pollution Act of 1990, where a responsible party agrees to provide data to the federal government.
X	No, individuals do not have an opportunity to consent to particular uses of their PII/BII.	Specify why not: Individuals inadvertently captured by UAS do not have opportunity to decline.

7.4 Indicate whether and how individuals have an opportunity to review/update PII/BII pertaining to them.

X	Yes, individuals have an opportunity to review/update PII/BII pertaining to them.	Specify how: Users can reach account administrators through the <i>Contact</i> : link in the site footer.
X	No, individuals do not have an opportunity to review/update PII/BII pertaining to them.	Specify why not: Individuals inadvertently captured by UAS do not have opportunity to review/update their PII.

Section 8: Administrative and Technological Controls

8.1 Indicate the administrative and technological controls for the system. *(Check all that apply.)*

	All users signed a confidentiality agreement or non-disclosure agreement.
X	All users are subject to a Code of Conduct that includes the requirement for confidentiality.
X	Staff (employees and contractors) received training on privacy and confidentiality policies and practices.
X	Access to the PII/BII is restricted to authorized personnel only.
X	Access to the PII/BII is being monitored, tracked, or recorded. Explanation: Access is monitored by the applications that store PII/BII. Events of this type are logged. Web applications, web servers and operating systems send log data to an instance of Splunk to consolidate and filter the data for analysis.
X	The information is secured in accordance with the Federal Information Security Modernization Act (FISMA) requirements. Provide date of most recent Assessment and Authorization (A&A): <u>9/17/2024 (date ATO was issued)</u> <input type="checkbox"/> This is a new system. The A&A date will be provided when the A&A package is approved.
X	The Federal Information Processing Standard (FIPS) 199 security impact category for this system is a moderate or higher.
X	NIST Special Publication (SP) 800-122 and NIST SP 800-53 Revision 4 Appendix J recommended security controls for protecting PII/BII are in place and functioning as intended; or have an approved Plan of Action and Milestones (POA&M).
X	A security assessment report has been reviewed for the information system and it has been determined that there are no additional privacy risks.
X	Contractors that have access to the system are subject to information security provisions in their contracts required by DOC policy.
X	Contracts with customers establish DOC ownership rights over data including PII/BII.
	Acceptance of liability for exposure of PII/BII is clearly defined in agreements with customers.
	Other (specify):

8.2 Provide a general description of the technologies used to protect PII/BII on the IT system. *(Include data encryption in transit and/or at rest, if applicable).*

Names of account holders and their respective phone numbers and email addresses are accessible only through a role-based security system where only account administrators of NOAA6702 applications and websites are allowed to view.

The NOAA6702 applications and websites are designed to restrict access to data based on specifically granted permissions. These permissions may be granted at several levels:

- Restricted by source system IP address in combination with an authentication "token"/key.
- Restricted to authenticated users with a specific level of granted access.
- ERMA and DIVER and other applications designate most data with specific sets (datasets) of "contexts", using an event name, privilege level, and visibility level. In order to view a resource, users must be granted access to all three applicable contexts for a resource. For DIVER it's a workspace, privilege level, and sharing status.
- Low-level access to data (the database and related files) is restricted to the core application, and is not accessible from outside of the application, except by system administrators.
- All underlying system files are encrypted, ensuring that drives taken out of service are not accessible.
- Other system resource data are accessible to only ERMA designated system administrators; and System Administrators, Program Administrators, and Data Managers for DIVER.

Section 9: Privacy Act

9.1 Is the PII/BII searchable by a personal identifier (e.g., name or Social Security number)?

X Yes, the PII/BII is searchable by a personal identifier.

 No, the PII/BII is not searchable by a personal identifier.

9.2 Indicate whether a system of records is being created under the Privacy Act, 5 U.S.C. § 552a. *(A new system of records notice (SORN) is required if the system is not covered by an existing SORN).*

As per the Privacy Act of 1974, “the term ‘system of records’ means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual.”

X	Yes, this system is covered by an existing system of records notice (SORN). Provide the SORN name, number, and link. <i>(list all that apply):</i> COMMERCE/DEPT-14 , Litigation, Claims, and Administrative Proceeding Records, COMMERCE/DEPT-18 , Employees Personnel Files not covered by Notices of Other Agencies, COMMERCE/DEPT-20 , Biographical Files and Social Networks, COMMERCE/DEPT-25 , Access Control and Identity Management System, NOAA-11 , Contact Information for Members of the Public Requesting or Providing Information Related to NOAA's Mission.
	Yes, a SORN has been submitted to the Department for approval on <u>(date)</u> .
	No, this system is not a system of records and a SORN is not applicable.

Section 10: Retention of Information

10.1 Indicate whether these records are covered by an approved records control schedule and monitored for compliance. *(Check all that apply.)*

X	<p>There is an approved record control schedule. Provide the name of the record control schedule:</p> <p>The retention period for these records is guided by the General Records Schedules (GRS), which are issued by the National Archives and Records Administration (NARA) to provide disposition authorization for records common to several or all agencies of the federal government. The underlying paper records relating to employees are covered by GRS 2.2, Employee Management Records. In accordance with GRS (Transmittal 31), electronic versions of records scheduled for disposal under other records schedules may be deleted at the expiration of the retention period authorized by the GRS for the equivalent paper copies or when no longer needed, whichever is later. Guidance for these records in the NOAA Records Schedules refers disposition to GRS (Transmittal 31).</p> <p>NOAA Records Schedules Chapter 100 – General Chapter 200 – Administrative and Housekeeping Chapter 1600 – NOS Functional Files describes records created and maintained in the NOS on the ocean and coastal zone management services and information products that support national needs arising from increasing uses and opportunities of the oceans and estuaries. 1605 – Office of Response and Restoration Records relating to the prevention and mitigation of risks to coastal resources and restoration of habitats from oil and hazardous materials; support for the cleanup of spills occurring in U.S. coastal and navigable waters; training and outreach programs; and software for spill responders and planners and coastal management decision making. 1605-01 - Incident Response and Waste Site Financial Records. 1605-02 - Query Manager Databases (QM). 1605-03 - Coastal Resource Coordinator Records. 1605-04 - HAZMAT Response Records. 1605-05 - Electronic Copies-All Offices. 1605-06 - Defunct. 1605-07 – Defunct. 1605-08 – Defunct. 1605-09 - NRDA Administration Record Files - Pre-Settlement. 1605-10 - NRDA Pre-Settlement Case Files. 1605-11 - NRDA Pre-Settlement Working Files. 1605-12 - Infant and Orphan Case Files. 1605-13 - Multi-case Evidence Tracking Records. 1605-14 - Cost Accounting and Documentation Files. 1605-15 - Rulemaking Administrative Record. 1605-16 - Rulemaking Working Files – consolidated into 1605-15.</p> <p>Chapter 2300 General Information Technology Management Records states "This schedule includes records related to developing, operating, and maintaining computer software, systems, and infrastructure improvements; complying with information technology policies and plans; and maintaining data standards"</p>
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	<p>Chapter 2400 Information Systems Security Records states "This schedule covers records created and maintained by Federal agencies related to protecting the security of information technology systems and data, and responding to computer security incidents"</p> <ul style="list-style-type: none"> • U.S. DOC/NOAA NRDA Regulations (OPA) NRDA Regulations 15 C.F.R. 990 • U.S. DOC/NOAA Guidance Documents • Preassessment Phase: Guidance Document for Natural Resource Damage Assessment Under the Oil Pollution Act of 1990, the Damage Assessment Remediation and Restoration Program, NOAA, August 1996. • Injury Assessment: Guidance Document for Natural Resource Damage Assessment Under the Oil Pollution Act of 1990, the Damage Assessment Remediation and Restoration Program, NOAA, August 1996. • Specifications for Use of NRDAM/CME Version 2.4 to Generate Compensation Formulas: Guidance Document for Natural Resource Damage Assessment Under the Oil Pollution Act of 1990, the Damage Assessment Remediation and Restoration Program, NOAA, August 1996. • Primary Restoration: Guidance Document for Natural Resource Damage Assessment Under the Oil Pollution Act of 1990, the Damage Assessment and Restoration Program, NOAA, August 1996. • Restoration Planning: Guidance Document for Natural Resource Damage Assessment Under the Oil Pollution Act of 1990, the Damage Assessment and Restoration Program, NOAA, August 1996. • Other relevant Guidance Documents may be accessed at the NOAA DARRP Website.
	<p>No, there is not an approved record control schedule. Provide the stage in which the project is in developing and submitting a records control schedule:</p>
X	Yes, retention is monitored for compliance to the schedule.
	No, retention is not monitored for compliance to the schedule. Provide explanation:

10.2 Indicate the disposal method of the PII/BII. *(Check all that apply.)*

Disposal			
Shredding		Overwriting	X
Degaussing	X	Deleting	
Other (specify):			

Section 11: NIST Special Publication 800-122 PII Confidentiality Impact Level

11.1 Indicate the potential impact that could result to the subject individuals and/or the organization if PII were inappropriately accessed, used, or disclosed. *(The PII Confidentiality Impact Level is not the same, and does not have to be the same, as the Federal Information Processing Standards (FIPS) 199 security impact category.)*

X	Low – the loss of confidentiality, integrity, or availability could be expected to have a limited adverse effect on organizational operations, organizational assets, or individuals.
	Moderate – the loss of confidentiality, integrity, or availability could be expected to have a serious adverse effect on organizational operations, organizational assets, or individuals.

	High – the loss of confidentiality, integrity, or availability could be expected to have a severe or catastrophic adverse effect on organizational operations, organizational assets, or individuals.
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11.2 Indicate which factors were used to determine the above PII confidentiality impact level.
(Check all that apply.)

X	Identifiability	Provide explanation: Only name, phone number, and work Email are recorded for accounts requiring login access. User images, photographs, video and/or audio recordings may be traceable to an individual.
X	Quantity of PII	Provide explanation: Only name, phone number, and work email are recorded for Government, State, Trustees, Contractors, and Academia accounts requiring login access. These accounts number less than 500.
X	Data Field Sensitivity	Provide explanation: User name, phone number, and email address are provided by the user to obtain an account voluntarily. Primarily used for account management. The information is non-sensitive PII. User images, photographs, video and/or audio recordings are only used with consent
X	Context of Use	Provide explanation: Only name, phone number, and work email are recorded for account user ID. Used to contact user for account set up and notifications for outages. User images, photographs, video and/or audio recordings are only used with consent.
	Obligation to Protect Confidentiality	Provide explanation:
X	Access to and Location of PII	Provide explanation: Only account administrators can access the PII. Concept of least privilege; secure network and database; encrypted storage and transmission. Information is stored in AWS as a FedRAMP approved site.
	Other:	Provide explanation:

Section 12: Analysis

12.1 Identify and evaluate any potential threats to privacy that exist in light of the information collected or the sources from which the information is collected. Also, describe the choices that the bureau/operating unit made with regard to the type or quantity of information collected and the sources providing the information in order to prevent or mitigate threats to privacy. (For example: If a decision was made to collect less data, include a discussion of this decision; if it is necessary to obtain information from sources other than the individual, explain why.)

NOAA6702 ORR has reduced the amount and types of PII that are collected and maintained in the system. No sensitive PII such as SSN, credit card data, etc. is collected within the system. We have business processes to reduce the risk of an unauthorized access, alteration, or disclosure of PII with technical, physical, and administrative safeguards. Administrative safeguards include training personnel on information handling best practices. Physical safeguards include ensuring paper digital records are secured and access controlled physically and logically. Technical controls include the use of encrypted DOC Kiteworks email, encrypting computers and requiring Common Access Cards (MFA) for system access.

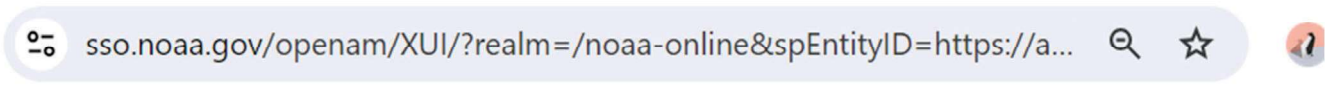
12.2 Indicate whether the conduct of this PIA results in any required business process changes.


	Yes, the conduct of this PIA results in required business process changes. Explanation:
X	No, the conduct of this PIA does not result in any required business process changes.

12.3 Indicate whether the conduct of this PIA results in any required technology changes.

	Yes, the conduct of this PIA results in required technology changes. Explanation:
X	No, the conduct of this PIA does not result in any required technology changes.

Appendix 1: Privacy Notice for intranet.orr.noaa.gov





National Oceanic and Atmospheric Administration
U.S. Department of Commerce

WARNING

You are accessing a U.S. Government information system, which includes:

1. This computer
2. This computer network
3. All Government-furnished computers connected to this network
4. All Government-furnished devices and storage media attached to this network or to a computer on this network

You understand and consent to the following:

- You may access this information system for authorized use only.
- Unauthorized use of the system is prohibited and subject to criminal and civil penalties.
- You have no reasonable expectation of privacy regarding any communication or data transiting or stored on this information system at any time and for any lawful Government purpose.
- The Government may monitor, intercept, audit, and search and seize any communication or data transiting or stored on this information system.
- Any communications or data transiting or stored on this information system may be disclosed or used for any lawful Government purpose.

This information system may contain Controlled Unclassified Information (CUI) that is subject to safeguarding or dissemination controls in accordance with law, regulation, or Government-wide policy. Accessing and using this system indicates your understanding of this warning.

ACCEPT