

**U.S. Department of Commerce
NOAA**



**Privacy Threshold Analysis
for the
Environmental Satellite Processing System**

U.S. Department of Commerce Privacy Threshold Analysis

NOAA5045/Environmental Satellite Processing System

Unique Project Identifier: 006-48-01-16-01-3213-00

Introduction: This Privacy Threshold Analysis (PTA) is a questionnaire to assist with determining if a Privacy Impact Assessment (PIA) is necessary for this IT system. This PTA is primarily based from the Office of Management and Budget (OMB) privacy guidance and the Department of Commerce (DOC) IT security/privacy policy. If questions arise or further guidance is needed in order to complete this PTA, please contact your Bureau Chief Privacy Officer (BCPO).

Description of the information system and its purpose: NESDIS openly supplies environmental satellite data to user's in all governments that request it. This is done without reservation, per international agreement with the World Meteorological Organization. The data processed by the ESPC is used to develop products that are used to analyze environmental conditions and to predict physical and climatological changes. ESPC is NOAA's primary data-processing system for the nation's environmental satellite data.

Questionnaire:

1. What is the status of this information system?

- _____ This is a new information system. *Continue to answer questions and complete certification.*
- _____ This is an existing information system with changes that create new privacy risks. *Complete chart below, continue to answer questions, and complete certification.*

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. *Skip questions and complete certification.*

2. Is the IT system or its information used to support any activity which may raise privacy concerns?

NIST Special Publication 800-53 Revision 4, Appendix J, states "Organizations may also engage in activities that do not involve the collection and use of PII, but may nevertheless raise privacy concerns and associated risk. The privacy controls are equally applicable to those activities and can be used to analyze the privacy risk and mitigate such risk when necessary." Examples include, but are not limited to, audio recordings, video surveillance, building entry readers, and electronic purchase transactions.

☐ Yes. *Please describe the activities which may raise privacy concerns.*

☒ No

3. Does the IT system collect, maintain, or disseminate business identifiable information (BII)?

As per DOC Privacy Policy: "For the purpose of this policy, business identifiable information consists of (a) information that is defined in the Freedom of Information Act (FOIA) as "trade secrets and commercial or financial information obtained from a person [that is] privileged or confidential." (5 U.S.C.552(b)(4)) This information is exempt from automatic release under the (b)(4) FOIA exemption. "Commercial" is not confined to records that reveal basic commercial operations" but includes any records [or information] in which the submitter has a commercial interest" and can include information submitted by a nonprofit entity, or (b) commercial or other information that, although it may not be exempt from release under FOIA, is exempt from disclosure by law (e.g., 13 U.S.C.)."

☐ Yes, the IT system collects, maintains, or disseminates BII about: *(Check all that apply.)*

- ☐ Companies
☐ Other business entities

☒ No, this IT system does not collect any BII.

4. Personally Identifiable Information

- 4a. Does the IT system collect, maintain, or disseminate personally identifiable information (PII)?

As per OMB 07-16, Footnote 1: "The term 'personally identifiable information' refers to information which can be used to distinguish or trace an individual's identity, such as their name, social security number, biometric records, etc... alone, or when combined with other personal or identifying information which is linked or linkable to a specific individual, such as date and place of birth, mother's maiden name, etc..."

☒ Yes, the IT system collects, maintains, or disseminates PII about: *(Check all that apply.)*

- ☐ DOC employees
- ☐ Contractors working on behalf of DOC
- ☒ Members of the public

☐ No, this IT system does not collect any PII.

If the answer is "yes" to question 4a, please respond to the following questions.

4b. Does the IT system collect, maintain, or disseminate PII other than user ID?

☒ Yes, the IT system collects, maintains, or disseminates PII other than user ID.

☐ No, the user ID is the only PII collected, maintained, or disseminated by the IT system.

4c. Will the purpose for which the PII is collected, stored, used, processed, disclosed, or disseminated (context of use) cause the assignment of a higher PII confidentiality impact level?

Examples of context of use include, but are not limited to, law enforcement investigations, administration of benefits, contagious disease treatments, etc.

☐ Yes, the context of use will cause the assignment of a higher PII confidentiality impact level.

☒ No, the context of use will not cause the assignment of a higher PII confidentiality impact level.

If any of the answers to questions 2, 3, 4b, and/or 4c are "Yes," a Privacy Impact Assessment (PIA) must be completed for the IT system. This PIA and the approved PIA must be a part of the IT system's Assessment and Authorization Package.

CERTIFICATION

X I certify the criteria implied by one or more of the questions above **apply** to the ESPC (NOAA4045) and as a consequence of this applicability, I will perform and document a PIA for this IT system.

 I certify the criteria implied by the questions above **do not apply** to the [IT SYSTEM NAME] and as a consequence of this non-applicability, a PIA for this IT system is not necessary.

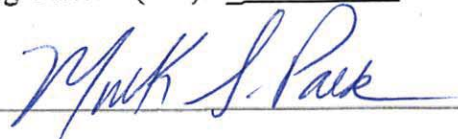
Name of Information System Security Officer (ISSO) or System Owner (SO): Charles Obenschain

Signature of ISSO or SO:  Date: 10/12/2016

Name of Information Technology Security Officer (ITSO): Nancy DeFrancesco DeFrancesco

Signature of ITSO: DEFRANCESCO.NANCY.A.1377370917 Digitally signed by DEFRANCESCO.NANCY.A.1377370917
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=OTHER, cn=DEFRANCESCO.NANCY.A.1377370917
Date: 2016.10.12 16:13:47 -04'00' Date: 10/12/2016

Name of Authorizing Official (AO): Mark Paese

Signature of AO:  Date: 10/12/16

Name of Bureau Chief Privacy Officer (BCPO): Mark Graff

Signature of BCPO: GRAFF.MARK.HYRUM.1514447892 Digitally signed by GRAFF.MARK.HYRUM.1514447892
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=OTHER, cn=GRAFF.MARK.HYRUM.1514447892
Date: 2016.10.17 15:36:06 -04'00' Date:

