

NWSI 10-102 Entry Form

New/Enhanced Product/Service

[*About this Form*](#)

Date:

Brief Description - Note: full details are to be captured in the Product Description Document* (PDD)*

**Product Description Document - PDD (or a Service Description Document - SDD) is required for final approval.*

A draft (or final) version is required for 10-102 review process. The PDD (or SDD) may be uploaded as part of the submission of this request or emailed to nws.products@noaa.gov as soon as possible.

Existing Operational Gaps:

Purpose for this 10-102 request

Development - Approval to include the product/service idea in the database prior to or during development, for cross-NWS awareness of the development effort.

Prototype or Mock-up - Approval to solicit feedback on what the actual solution should be for a new/enhanced product or service, and if appropriate for NWS to pursue.

Experimental or Proposal for Operational Implementation - Approval for posting as an Experimental product/service, or proposal for review/comment and possible transition to operational after end of comment period.

CONTACT INFORMATION

REQUEST ORIGINATOR

Name:	Email:	Phone:
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Office:	Date:
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Point of Contact (SME) if not Originator

Name:	Email:	Phone:
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Office:	Date: 7/27/18
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Local Office/Regional Management Concurrence

Name:	Email:	Phone:
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Office:	Date:
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Service Program/Corporate Project Teams: Select all applicable teams to lead and review.

Aviation Weather SPT	Severe Weather SPT	Winter Weather SPT
Climate Service SPT	Space Weather SPT	Ecological Forecasting CPT
Fire Weather SPT	Tropical Weather SPT	Impacts-Based Decision Support CPT
Marine Weather SPT	Tsunami SPT	IDSS Management System CPT
Public Weather SPT	Water Resources SPT	National Blend of Models CPT

Development Stage:

None (no development needed) Under Development Prototype or Mock-up
Ready for experimental implementation (in development or temporary environment/system)
Ready for experimental implementation (in potential operational environment/system)

Scope of proposed product/service

National Local Regional
If local or regional provide rationale:

Validated NWS requirement that supports the proposed product/service:

If known, enter the valid NWS requirement that this product/service will support.

Consistency of Services/Duplication of Services:

Does this proposed product/service represent a duplication of services?
Does a similar product/service exist or is development of a similar product/service currently taking place?
If yes, identify the duplicate/similar product/service and indicate rationale for this proposal.

No Don't Know Yes (Provide Rationale)

The NWS currently alerts WEA with 90 character messages. These 90 character messages will continue to be sent to wireless customers with less than 4G service, but the more actionable 360 character messages will be sent to customers with 4G and better technology.

Time Sensitivity:

If time sensitive, state when needed to be implemented as an experimental product/service and why.

FCC rules change in May 2019 to allow 360 character WEA messages. The NWS advocated for the expansion of the message length. It would behoove the NWS to take advantage of this change as soon as it is offered. To meet that deadline, MDL has identified January 31, 2019 as the drop dead date for the finalized messages to be passed to them for testing and implementation. This means the 10-102 process, including public survey, must be completed by January 31, 2019

Type

Product	Service	Web Page	Social Media (Twitter, Facebook, Periscope)	
Application	Tool	Data (Model)	Data (Observations)	Data (Forecast)
Data (verification)				

Output Format: Select all applicable formats

Text Graphic Gridded data Multimedia GIS

Dissemination Method: Select all applicable methods

AWIPS SBN Internet/web page Email Other

URL/Headers/Identifiers (if known): Enter applicable Website URL, AWIPS Headers, WMO Headers

Indicate if any *specific* software or special equipment required to receive/display data

Resources:

Indicate if resources for the effort have *already been* secured, if resources are needed or, have not yet been identified. Is the ability to generate the 'final' product already in place, sustainable and supportable?

Will we need to identify a *permanent 'host,' application, or web-site?*

Additional Documents to complete the NWSI 10-102 process:

*Product/Service Description Document (PDD/SDD) **Required for Team Review*

Approval Memo for AFS Director

Signed approval memo for local/regional product

Correspondence Cover Sheet

Draft PNS or SCN

Survey Link available or feedback method identified

Additional Documents:

About This Form

This template is for submitting a product or service for NWSI 10-102 processing. Applicable submissions include the following.

- Request approval and posting as "*Experimental*" (including "Proposal for Operational Implementation" when experimental product cannot be provided) for comment/review to support a decision on operational implementation for:
New Product or Service that supports an existing validated NWS requirement currently not being delivered by NWS.
or
Enhancements or substantial change to an existing operational product or service. (see NWSPD 1-10 for guidelines on what changes are considered substantial).
or
Prototype or mock-up of a new/enhanced product or service to obtain input on what the actual solution should be and if desired/appropriate for NWS.
- Request listing a product as "*Development*" in the catalog. This is applicable for products that are in early development stage, but not ready for comment and review and allows for cross-NWS awareness on the effort, technical feedback, and suggestions.

Once Completed, this document (and PDD/SDD) can be submitted via the [CaRDS website](#) (under SUBMIT NEW REQUEST) by a [Designated Submitter](#). If you are not a designated submitter, please email this document to the appropriate designated submitter for your Region, Office, or applicable Service Area.

Submitted requests proceed with Products and Services Change Management Team review, Service Program Team review, AFSO approval, notification, and posting process.

NOTE: Proposals for products/services not supported by an existing requirement are to be entered as a CaRDS request using the New Mission Need or Requirement Request document.

Please note that the contents herein may be updated during the 10-102 review process.