REQUEST FOR RECORDS DISPOSITION AUTHORITY	LEAVE BLANK (NARA use only) JOB NUMBER N1-563-08-18
To NATIONAL ARCHIVES & RECORDS ADMINISTRATION 8601 ADELPHI ROAD, COLLEGE PARK, MID 20740-6001	Date Received 5/28/2008
1 FROM (Agency or establishment) **Department of Homeland Security**	NOTIFICATION TO AGENCY
2 MAJOR SUB DIVISION **Office of Health Affairs**	In accordance with the provisions of 44 U S C 3303a, the disposition request, including amendments is approved except for items that may be marked "disposition not approved" or "withdrawn" in column 10
3 MINOR SUBDIVISION **Weapons of Mass Destruction (WMD) and Biodefense Division**	
4 NAME OF PERSON WITH WHOM TO CONFER **Kathy Schultz** / 5 TELEPHONE **202-447-5075**	DATE 7/28/09 / ARCHIVIST OF THE UNITED STATES Adrienne Thomas

6 **AGENCY CERTIFICATION**

I hereby certify that I am authorized to act for this agency in matters pertaining to the disposition of its records and that the records proposed for disposal on the attached 2 page(s) are not needed now for the business of this agency or will not be needed after the retention periods specified, and that written concurrence from the General Accounting Office, under the provisions of Title 8 the GAO Manual for Guidance of Federal Agencies,

☒ is not required ☐ is attached, or ☐ has been requested

DATE	SIGNATURE OF AGENCY REPRESENTATIVE	TITLE
5/21/08	Kathleen A. Schultz	**Senior Records Officer**

7 ITEM NO	8 DESCRIPTION OF ITEM AND PROPOSED DISPOSITION	9 GRS OR SUPERSEDED JOB CITATION	10 ACTION TAKEN (NARA USE ONLY)
1	**See attached sheet(s) for:** ~~**National Biosurveillance Integration System (NBIS) 2.0**~~ Biosurveillance Common Operating Network (BCON) **Inputs and Outputs are covered by GRS 20**		

U.S. Department of Homeland Security

Headquarters Systems Schedules

Health Affairs, Office of

Biosurveillance Common Operating Network (BCON) — NARA # N1-563-08-18

Biosurveillance Common Operating Network (BCON) (formerly National Biosurveillance Integration System (NBIS) 2.0) is an information technology (IT) system being developed by the Department of Homeland Security (DHS) Office of Health Affairs (OHA) to serve as the nation's first capability for providing comprehensive, integrated biosurveillance situational awareness as part of a national interagency effort The purpose of BCON is to provide a biosurveillance integration system that enables two-way flow of information to integrate the areas of human, animal, and plant health surveillance, environmental monitoring of air, agriculture, water, and food, and intelligence to accomplish the following DHS objectives

- Early recognition,
- Situational awareness to guide response,
- Real-time integration of biosurveillance data with threat information through partnering with federal agencies,
- Repository for reference databases.

Pursuant to Presidential Directives HSPD-9 and HSPD-10, the DHS initiated the NBIS program to support the administration's bio-defense policy objectives, requiring DHS and other departments and agencies to, among other activities, coordinate national biosurveillance capabilities The BCON system is currently being developed to provide the National Operations Center (NOC) and the Interagency Incident Management Group (IIMG) with a capability for early recognition of a biological attack or biological outbreak NBIS 2 0 will provide coordination with other federal departments and agencies in creating a new biological threat awareness capability to enhance detection and characterization of an attack and may possibly include nuclear, radiological and public health concerns also

BCO will eventually integrate as many as 120 data streams from individual, mostly unrelated systems including open source news feeds and systems managed by partnering federal agencies. NBIS 2 0 will receive frequent data updates from these sources and fuse them to provide a biosurveillance common operating picture (BCOP), and enable members of the National Biosurveillance Group (NBSG) to perform detailed analyses using cutting-edge detection and characterization algorithms The system will also provide a platform for communication and collaboration when potential events are identified and response scenarios are created The system functionality will include the ability to view and manipulate visual analytics snapshots that capture a set of data and visualizations (bar graph, scatter plot, etc) related to a specific analysis performed by the NBIS analyst The system will also incorporate Geographic Information System (GIS) mapping functionality including the ability to create and save meaningful map views of source data along with other appropriate layer data (e g , road networks, water features, etc)

Master File / Data:

Source Report Data

The source reports will be stored in the database open source news feeds containing information on local and global disease outbreaks, information concerning animal and plant diseases pertaining to human health, information tracking wildlife mortality and lab test results, and alerts on global disaster events (hurricanes, floods, volcano eruptions including event impacts (e g number of people affected/dead, depth, path)

Disposition:

TEMPORARY Cut off at the end of the calendar in which entered Destroy 20 years after cutoff, or when superseded, obsolete, or no longer need for the conduct of agency business, which ever is later.

The goal is to integrate the data from many sources and perform analyses to provide situational awareness and early recognition of an outbreak, contamination, or attack Data will be directly accessible for a period of 10 years

Output:

2.

Analysis of Trend Information

Both the system and human users perform analysis to produce system output Humans perform analysis using visual analytics tools, mapping tools, statistical tools, textual querying and analysis tools Machine analysis will consist of peak finding, pattern recognition algorithms, as well as advanced text processing

BCON output will include analysis of trend information which is used to identify biological threats and generate warnings The outputs will be maintained within the system to allow for effortless retrieval

Disposition (Media Neutral):

TEMPORARY Cut off at the end of the calendar in which published Destroy 20 years after cutoff, or when superseded, obsolete, or no longer need for the conduct of agency business, which ever is later