

National Student Loan Data System

Unusual IP Address (SECIP1)

October 19, 2008

1.0 NSLDS Unusual IP Address Extract File Layout (SECIP1)

The *Unusual IP Address Report* (SECIP1) provides ED and the PDPA a list of the organization's online users who logged on from an Internet Protocol (IP) address which may be unfamiliar or unauthorized and should represent a small percentage of their organization's total traffic. For example, if most of the organization's users log onto NSLDS from the same building, the user should specify a small number in the % OF IP TRAFFIC parameter to identify users who log on to NSLDS from other locations. Sort options include User ID, Logon Date, and Last Name/First Name.

This section contains extract file layouts that list the header, details, and trailer records for the extract version of the report. Each online extract request is used to generate one header record, one or more detail records, and one trailer record. Each record layout table contains the position, the data element name, description, field format, and length.

2.0 Unusual IP Address Report Record Layouts

Header Record

Length = 107

Pos FR	Pos TO	Data Element	Description	Field Format	Lth
1	1	Record Type	'0'—Represents Header	Char.	1
2	35	Header Title	Value 'UNUSUAL IP ADDRESS REPORT'	Char.	34
36	41	Report Id	Identifier of report. Value 'SECIP1'	Char.	6
42	49	Org Code	Code for the organization which requested the report.	Char.	8
50	57	Begin Date	Lower end of date range.	Date	8
58	65	End Date	Upper end of date range.	Date	8
66	68	IP Traffic %	Percentage of logons from unusual Internet Protocol addresses. Example 5% would be '005'.	Num.	3
69	85	Filler	Attribute to complete record length.	Char.	17
86	86	Submittal Report Type	'R' = Report 'E' = Extract data file	Char.	1
87	94	Submittal Date	Date which the report request is submitted. Format CCYYMMDD.	Date	8
95	100	Submittal Time	Time which the Report request is submitted. Format HHMMSS.	Time	6
101	107	Filler	Attribute to complete record length.	Char.	7

*Detail Record**Length = 107*

Pos FR	Pos TO	Data Element	Description	Field Format	Lth
1	1	Record Type	'1'–Represents Detail	Char.	1
2	9	User ID	User ID of the user who performed lookups on NSLDS from an unusual IP.	Char.	8
10	17	SAIG Mailbox	The SAIG mailbox (TG number) of the user who performed lookups on NSLDS from an unusual IP.	Char.	8
18	52	Last Name	User's last name	Char.	35
53	64	First Name	User's first name	Char.	12
65	79	IP Address	Internet Protocol address used when online session began	Char.	15
80	87	Date	Date logged on from IP address	Date	8
88	91	Begin Time	Time when online session began. Format HHMM	Time	4
92	107	Filler	Attribute to complete record length.	Char.	16

*Trailer Record**Length = 107*

Pos FR	Pos TO	Data Element	Description	Field Format	Lth
1	1	Record Type	'9'–Represents Trailer Record	Char.	1
2	10	Record Count	Total count of records.	Num.	9
11	107	Filler	Attribute to complete record length.	Char.	97