

# VISUAL CARD TOPOGRAPHY

Information Technology Laboratory

**Computer Security Division**

**NIST**

National Institute of  
Standards and Technology

# Breakdown of comments

- Display of Name
- FIPS 201 and SP 800-104
- FERRO
- Section 508
- Labeling and layout

# Changes incorporated in this version

## Revised Draft specifies:

- *New Requirement: employee affiliation color-coding*
- *New Requirement: large expiration date in the upper right-hand corner of the card*
- *Option: Federal Emergency Response Official designation restricted to the bottom of the card*
- *Option: Country of Citizenship, if implemented located in the bottom of the card*
- *Option: Provision for Section 508*

*SP 800-104 to be withdrawn*

# What is in the name?

- Comments:

- Name Block to extend to include seven primary name fields
- To permit the use of nickname
- Display of middle name
- To permit the use of professional name
- To include prefix and suffix

- Resolution:

- Status quo maintained. In consultation with OMB, the name that appears on the PIV Card must be the same that has been verified through identity source documents

# What is in the name?

- Full name includes Primary Identifier, Secondary Identifier (Zone 2F)

DOE,  
JOHN



- What about Middle name and special symbols?

ERIKSSON,  
ANNA M.



- Suffix and prefix will be part of secondary identifier

- Font 10 – 7, within three lines

BEENELONG WOOLOOMOOLOO W>  
ARRANDYTE WARWARNAMBOOL, D>  
INGO PONTOOROOMOOLOO VAASA



- Pseudonym is covered under PIV Card Issuance requirements

# Consolidating information from SP 800-104

- Comment:
  - Card topography specifications are split between FIPS 201-2 and SP 800-104
- Revised Draft:
  - Resolved by moving information from SP 800-104 to FIPS 201-2 and making Zone 15F and 18F mandatory.
  - To withdraw SP 800-104.

**NIST Special Publication 800-104**

**A Scheme for PIV Visual Card  
Topography***June*

Blue— Foreign National  
White—Government  
Employee  
Green—Contractor

# Consolidating information from SP 800-104

## Mandatory

*Zone 15F—Color-Coding for  
Employee Affiliation*

Blue—Foreign National

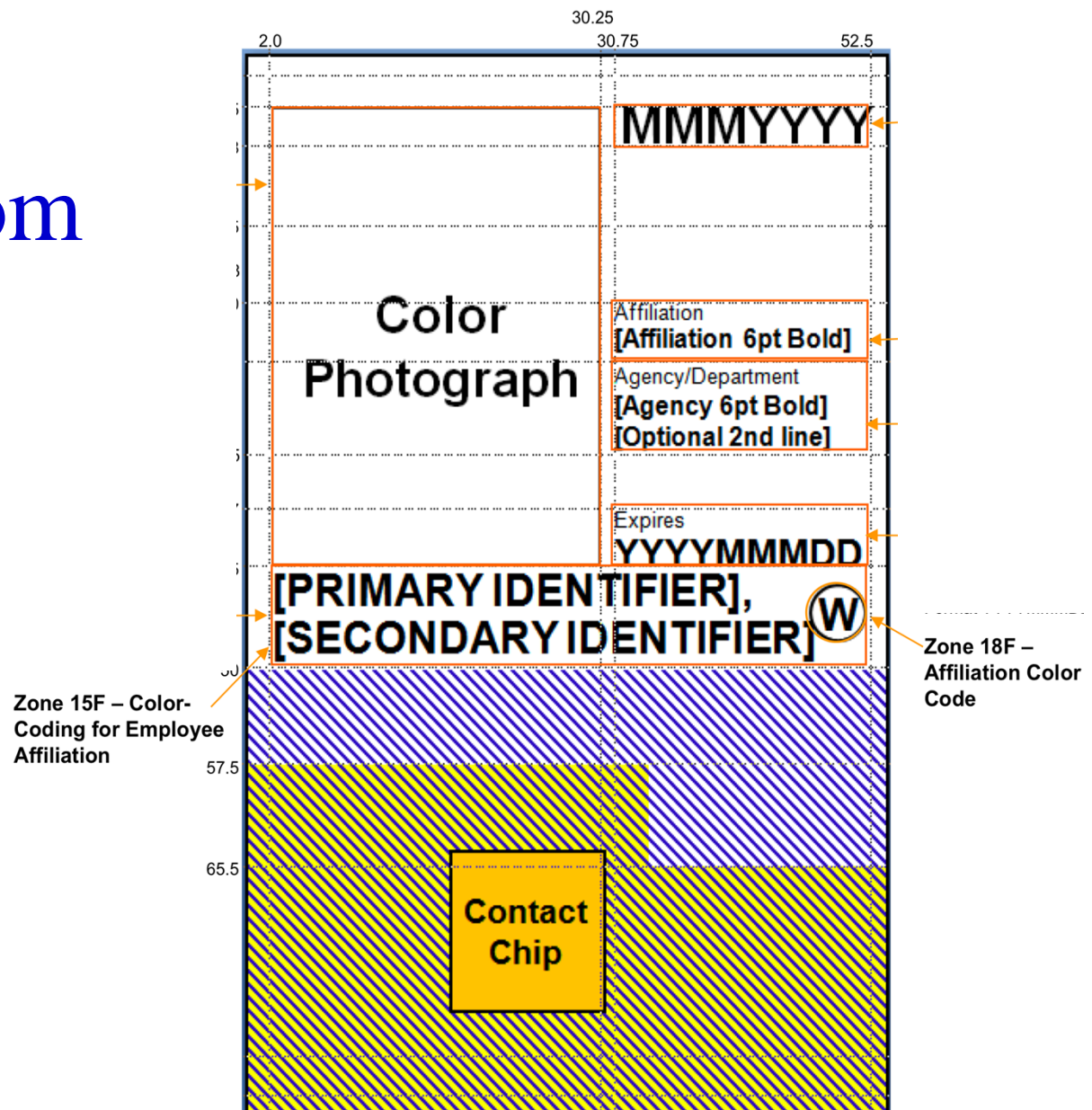
White—Government Employee

Green—Contractor.

*The color “Red” is removed.*

*Zone 18F—Affiliation Color Code*

*Foreign National color-coding has  
precedence over Government  
Employee and Contractor color-  
coding.*





# Federal Emergency Response Official (FERO)

- Comments:
  - Color precedence
  - Placement of FERO indicator
- Revised Draft:
  - Removed "Red" from the list and added "White" color to the list.
  - The footer is the location for the Federal Emergency Response Official identification label.
  - Foreign National color-coding has precedence over Government Employee and Contractor color-coding.



# Federal Emergency Response Official

Zone 9F

Zone 16F

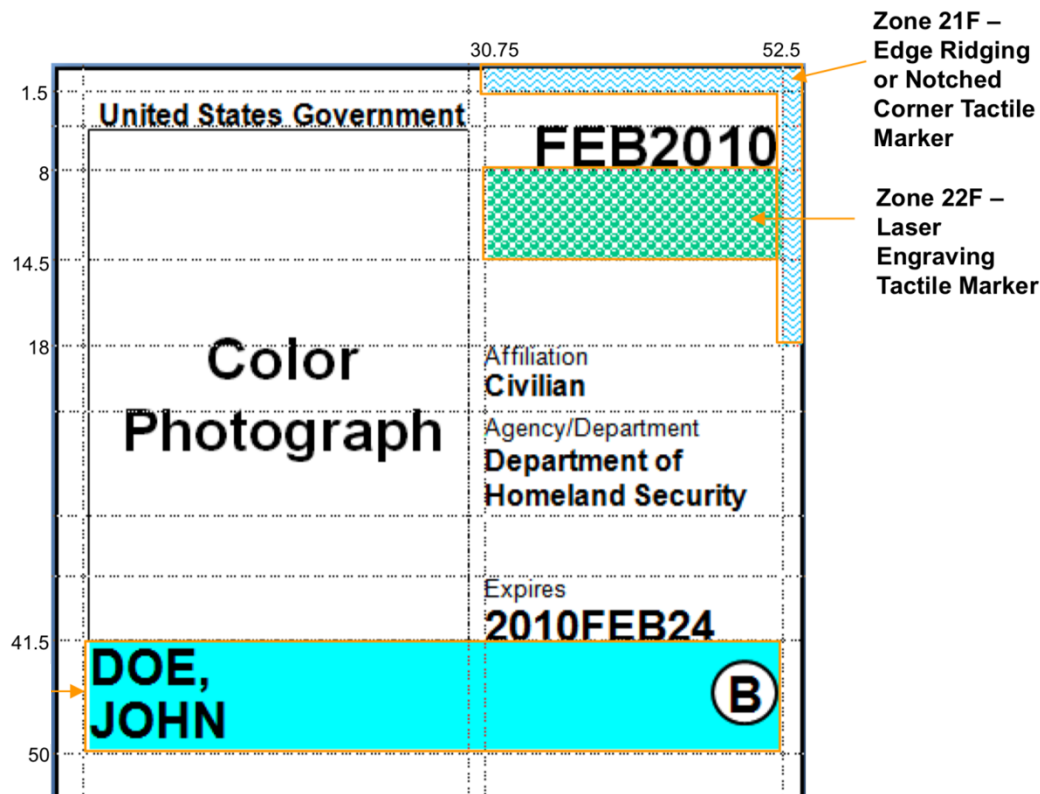
Zone 12F

United States Government		FEB2010
<b>Color Photograph</b>		Affiliation <b>Civilian</b>
		Agency/Department <b>Department of Homeland Security</b>
		Issued <b>2005FEB25</b>
		Expires <b>2010FEB24</b>
<b>DOE, JOHN</b>		<b>G</b>
<i>Signature Panel</i>		
<b>Contact Chip</b>		
<b>Federal Emergency Response Official</b>		

# Section 508

- Comment:
  - Clarification on Section 508 compliance
- Revised Draft coordinated with US Access Board and OMB:
  - Note added to Section 4.1.4.3: If an agency determines that tactilely discernible markers for PIV Cards imposes an undue burden, agencies must implement policies and procedures to accommodate employees and contractors with disabilities in accordance with Sections 501 and 504 of the Rehabilitation Act.“
  - Provide options for card orientation - defines Zones 21F and 22F, where card orientation features may be applied

# Section 508 - Optional



Revised draft coordinated with the US Access Board and OMB :

- In implementing PIV systems and pursuant to Section 508 of the Rehabilitation Act of 1973 (the Act), as amended, agencies have the responsibility to accommodate federal employees and contractors with disabilities to have access to and use of information and data comparable to the access to and use of such information and data by federal employees and contractors who are not individuals with disabilities.

*Zone 21F –Edge Ridging or Notched Corner Tactile Marker.*

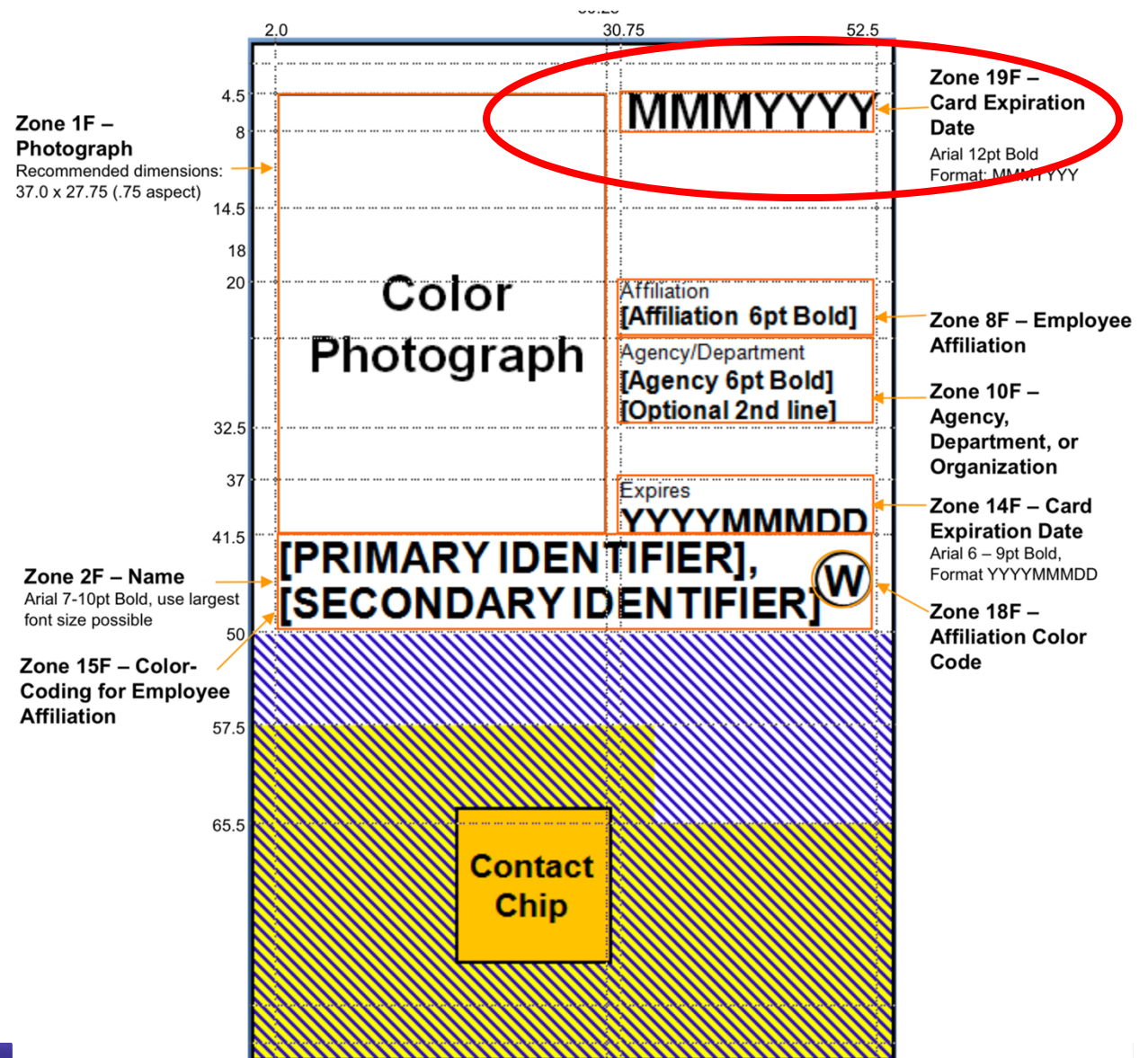
*Zone 22F –Laser Engraving Tactile Marker.*

# New Mandatory Zones (Front)

Zone **15F**—Color-Coding for  
Employee Affiliation.

Zone **18F**—Affiliation Color  
Code.

Zone **19F**—Card  
Expiration Date.



# Questions (?)

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