Computer Audio Recorded Interviewing (CARI): Experience Implementing the New Blaise Capability

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CARI: What and Why

CARI Elements

• Collection
• Management
• Coding

Present in the moment
CARI Impact on Survey Processes – 1

- Direct observation
- Interviewer validation
- Data quality
CARI Impact on Survey Processes – 2

• Editing
• Open-ended responses
• Consent
• Training
CARI Implementation Requirements

- Leverage existing hardware
- Unobtrusive
- Flexible
- Integrate with existing data collection
- Highly usable data
- CONFIDENTIAL
Recording: Past…

- Westat-developed recording capability
  - Overlaid Audit.dll
  - INI file determined details

- Considerations
  - Re-engineer to Blaise releases
  - Issues with navigation
  - No screenshots
Recording: …Present …

Blaise 4.8.2 CARI Specification Tool

- Sound files and screenshots
- “Chance” sampling
- File naming
- Consent
- Logging
- Many other sound file features
Recording: Advantages of Blaise CARI

• Tightly integrated
• Maintenance made easy
• Screenshots
CARI and Field Management: Challenges

• Confidentiality
• Sound file considerations
• Very large files
As CARI data increases…

- Replace networked applications with web-based
- Distribute coding across field staff based on function
- Role-based access
- Paradata is paramount
### Code Audio Recording

<table>
<thead>
<tr>
<th>Code</th>
<th>General Information</th>
<th>Code Audio Recording</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Interviewer ID</td>
<td>ECLK0010</td>
</tr>
<tr>
<td></td>
<td>Count of cases assigned at start of field period</td>
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</tr>
<tr>
<td></td>
<td>Interviewer category</td>
<td>Assessor</td>
</tr>
<tr>
<td></td>
<td># completes in previous week</td>
<td>1</td>
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<tr>
<td></td>
<td># completes in total</td>
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</tr>
<tr>
<td></td>
<td># ever refuse in previous week</td>
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<td># ever refuse in total</td>
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<td>Start Time (including AM/PM)</td>
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<td>Range for interview time (full sample)</td>
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<td>Ever refused disposition (at any time)</td>
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<tr>
<td></td>
<td>Last disposition prior to complete</td>
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</tr>
<tr>
<td></td>
<td>Total # of contacts</td>
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</tr>
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</table>

**Question name:** PLQ020  
**Stage of coding:** Initial Validation Coding  
**Cycle:** 1  
**Coder ID:** ECLK0001

**Question Response:** 2

1. **Record the variation text for the open ended response or the response code that corresponds to the recording:**

   [Recording interface]

2. **How well can you hear the interviewer on this recording?**

   [Rating scale]

3. **How well can you hear the respondent on this recording?**

   [Rating scale]

4. **Did the interviewer change the question when reading it?**

   - [No, read the question as scripted]
   - [Yes, did not read the reference period]
   - [Yes, did not read the text following the question mark]
   - [Yes, did not read the response categories (if a required part of question text)]

5. **How would you rate the interviewer's professionalism?**

   [Rating scale]
CARICode Functions

- Interviewer validation
  - field supervisors, QA staff
- Question assessment
  - designers, methodologists
- Interviewer performance
  - field supervisors
- Survey data capture
  - coders, editors
CARI: Implementation Overview

- Design and specification
  - Items, probabilities, functions
- CARICode configuration
  - Items, coding & verification rates, paradata
- Testing
  - Unit, integration
- Production & Reporting
Questions or comments welcome

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