Data Collection & Entry Errors
Errors are Time-Consuming and Costly

- Data collection and entry can take considerable time for harvesters and dealers.
- Errors increase the amount of time dedicated to data collection.

Dealer Reports

Harvester Reports

Time to Collect Data

- < 15 minutes
- < 1 hour
- > 1 hour

Time for Data Collection

- Over 2 Hours
- 1 Hour
- 30 Minutes
- 15 Minutes
- 2 Hours

Time to Correct Data

- < 15 minutes
- < 1 hour
- > 1 hour
Vessel Trip Report Serial Number

- 8 digit # from the Fishing Vessel Trip Report (Log Book)
- 14 digit # computer generated from eVTR software

**Fishing Vessel Trip Report (ELB)**

<table>
<thead>
<tr>
<th>Haul #</th>
<th>Vessel Name</th>
<th>USCG DOC or STATE REG NO</th>
<th>VESSEL PERMIT NUMBER</th>
<th>TRIP IDENTIFIER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LINDA MARIE</td>
<td>674824</td>
<td>310473</td>
<td>31047314061110</td>
</tr>
</tbody>
</table>
• VTR Serial Number is considered “primary key”

• Most data errors involve this number → hand entry
  – Captains:
    • catch report (multispecies, scallop, herring, mackerel & loligo)
    • trip start & end hails (multispecies)
    • RSA & EFP trip end hail
    • pre-landing notifications (LAGC scallop, herring & mackerel)
    • GOM cod trip limit exemption (common pool multispecies)
    • Monkfish trip limit overage DAS adjustment
  – NEFOP & ASM (electronic reports) or data entry staff (paper reports)
  – Dealers
  – Groundfish Sector Managers

• VTR serial # must be “backfilled” to match VMS/IVR Trip Declaration

• Incorrect trip matching → Imputed trips
Entry Error Examples

– incorrect number of digits
  11775164 reported as 117755164 or 1775164

– incorrect sequence
  12338010 reported as 12338001

– incorrect number used for multiple VTR trips
  11774564 & 11774565 reported as 11774565

– missing first six digits for eVTR trips
  32013914060215 reported as 14060215

– missing number altogether
  12369087 reported as ‘blank’ or 0
Combined Trips

• One dealer record for two or more trips
  o Vessel offloads multiple trips at once

• Vessel lays to overnight inside demarcation line
  o NMFS = 2 day trips vs Industry = 1 multiday trip

• Vessel crosses demarcation line multiple times while fishing
  o NMFS = multiple trips vs Industry = 1 trip
Dealer Reporting

- Support tables not updated often enough
  - vessel does not exist in system

Software capability – slow and unreliable
- Partial entry
- Trips not available to audit

- Entry errors → transcribing from VTR
dealer copy or scap of paper for eVTR trips