

## **APPENDIX B : DATA COLLECTED IN PERFORMANCE ANALYSIS TESTS**

The performance analysis incorporated data gathered from users, the computers and operators at the response centers, and the simulated service providers.

### **Data from User Response Forms**

1. Trial Number
2. Unit ID/Phone Number
3. Date
4. Weather
5. Location
6. Scenario
7. Button Pushed
8. Time Button Pushed
9. Time Confirmation Message Received from CSC XYPOINT Only)
10. Confirmation Button Pushed (XYPOINT Only)
11. Time Call Connected at CSC (Motorola Only)
12. Time Call Answered by Operator (Motorola Only)
13. Whether Call Disconnected (Motorola only)
14. Whether Disconnected Call Reconnected (Motorola only)

(Items 15-17 for Simulated Service Delivery Test Only)

15. Time Service Notified
16. Time Service Dispatched
17. Time Service Arrived

## CSC Operator-entered Data

When the operators conducted trials, they entered data in the “call notes” field. Each record of data was timestamped, so it was possible to know approximately when the operator entered a code in.

**Table BI : Codes Operators Entered in Data**

Test	Code Entered In	Meaning of Code
Partial	VF	Call Verified
Full	FF - (Test Number)	Identifies Test Type and Number
	SN	Service Notified
	SD	Service Dispatched
	SA	Service Arrives
Dropped Carrier	DC	Identifies Test Type
Topographic Interference	TI<<TT?>>	Identifies Test Type
Moving Vehicle	MT	Identifies Test Type
Location Specific	LS - (Trial Number)	Identifies Trial Type and Number
	<<LT?>>	
Seattle to Phoenix	NW - (Trial Number)	Identifies Trial Type and <b>Number</b>

## Data Generated by CSC Computers

The system generated data packet is an important source of data for the operational tests. Tables X and Y list the items included in a system generated data packet for the Motorola and XYPOINT systems.

**Table B2 : Data Generated by Motorola System**

Field	Description
Call ID	A unique ID associated with a call
Call Alarm	Button pushed (Roadside, Travel, or Emer)
Call Date	Date of call
Call Time	Time call first received at CSC
Call Stamp	Date and time update received
Closed	Workstation that closed call
Call Close	Time closed
Vehicle ID	A Unique ID number assigned to the in-vehicle unit
Corrapp	A field generated by Motorola related to the differential correction applied to the raw GPS data
Corrlat	Corrected latitude
Corrlong	Corrected longitude
Corrheight	Corrected height
Heading	The vehicle heading (degrees)
Velocity	The vehicle velocity (miles per hour)
Call Notes	Operator-entered codes
Call Disp	Operator-entered information
SRC Sys	System from which data was gathered
Log Stamp	Date and time recorded added to database

**Table B3 : Data Generated by XYPOINT System**

Field	Description
Call ID	A unique Description of a call
Call Alarm	Button pushed (Roadside, Travel, or Emer),-- only first record of a call has data in this field
Call Date	Date of call
Call Time	Time call first received at CSC
Call Stamp	Date and time update received
Vehicle ID	A unique ID number assigned to the in-vehicle unit
Corrlat	Corrected latitude
Corrlong	Corrected longitude
Corrheight	Corrected height
Call Notes	Entire data stream in one field
Call Disp	Operator-entered information
SRC Sys	System from which data was gathered
Log Stamp	Date and time recorded added to database