



Executive Committee Members:
Jack Hardisty, Bakersfield Development Services, 805/326-3733
Richard Russell, Kern County Assessor's Office, 805/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 805/862-5100
Ron Brummett, Kern Council of Governments, 805/861-2191

Kern GEONET Technical Committee Meeting Summary for June 3, 1996

The first meeting of the Kern GEONET Technical Committee was held on June 3, 1996 at the City of Bakersfield Development Services Building, 2nd Floor Conference Room, starting at 9:30 a.m. The following representatives were in attendance: Mike Smith, Frank Castro, Jim Isbell, Marie Parker, and Randy Worley from the County Assessor /Recorder; Richard Frias and Sharon Schooley from County Fire, Dan McAlister, Bob Mills, and Ursula Barnfield from County Engineering & Surveying; Bob Trammel, Dave Dow, Bruce Deeter, and Paul Sandberg from the City of Bakersfield; Peter Smith and Rob Ball from Kern COG. Several issues were reviewed and discussed, as follows:

1. The committee reviewed committee membership requirements. The requirements outlined how the committee was formed, who committee members are, and how membership may change in the future.
2. The Memorandum of Understanding (MOU) between the city, county and Kern COG was reviewed. This MOU established the basis for the formation of this committee and the development of standards and procedures for sharing GIS data within the region. The MOU also recognized that each governmental entity has the right to be reimbursed equitably for the data they have produced and therefore establishes "ground rules" for how the various entities will use and distribute each others data.

Discussion about the legality of selling data to non-governmental entities was discussed. After some discussion it was determined that this issue is outside the scope of the committee's responsibility. However, it was generally agreed that this issue will have to be further pursued by the city attorney and the Kern County Counsel.

3. A memo was prepared and distributed by Robert Ball, Kern COG, entitled "Executive Committee's Direction." This memo outlined various steps to be considered in developing standards and policies. There was discussion about breaking up into sub-committees to handle the various items outlined. After some consideration, it was determined the best approach was to deal with each item in turn as a large group (at least initially). As we get further into this project, the need may present itself to break up into smaller groups.

An existing condition/needs assessment was distributed to committee members prior to this meeting with the intent to have them filled out before the meeting. This did not happen. After looking over this form and further discussion, it was determined that first we should inventory existing available data before formulating a needs assessment. Another form designed to inventory what we already have was to be distributed. Both forms will be circulated prior to the next meeting.

The committee determined that base map development standards were the first item to be worked out. Some of the issues regarding this matter which were briefly discussed include:

- A. Accuracy and level of correctness.
- B. Consistent layer naming.
- C. Consistent data types.
- D. Data transfer format and procedures

The meeting was adjourned at 10.35 a.m. **The next meeting is scheduled for Monday, July 1, 1996 in the City of Bakersfield Development Services Building, 2nd Floor Conference Room at 9:30 a.m.**



Executive Committee Members:
Jack Hardisty, Bakersfield Development Services, 805/326-3733
Richard Russell, Kern County Assessor's Office, 805/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 805/862-5100
Ron Brummett, Kern Council of Governments, 805/861-2191

Kern GEONET Technical Committee Meeting Summary for July 1st, 1996

The July meeting of the Kern GEONET Technical Committee was held at the City of Bakersfield Development Services Building, 1st Floor Conference Room, starting at 9:30 a.m. The following representatives were in attendance: Jim Isbel, Phil Burcey, and Randy Worley from the County Assessor/Recorder; Richard Frias and Sharon Schooley from County Fire; Dan McAlister, Bob Mills, and Ursula Barnfield from County Engineering & Surveying; Bob Trammel, Dave Dow, and Bruce Deeter from the City of Bakersfield; Peter Smith and Rob Ball from Kern COG; Brett Dawson from the City of Shafter; Bryant Wisheropp from the City of Delano; Steve Stiles and Keri Parrish from the City of Wasco; Paul Hoagland from the Kern High School District; Jim Ellis and Ann Barnhill from County Planning; Sarah Moench from County Elections; Russel Rink from County Waste Management; and Kirt Emery from County DPH. Following are issues that were reviewed and discussed:

1. Roll call was taken. The only Committee member absent was Mike Smith from the County Assessors office.
2. The Summary from the June 3rd meeting was reviewed and approved as submitted.
3. There was discussion about the "Spatial Data Record Form" which was distributed in the agenda packet prior to this meeting. The form was developed by the Southern California chapter of URISA for their spatial data catalog. It has some non-applicable information and omits some important attributes. It was determined we could still make due with this form by leaving the non-applicable sections empty and adding additional comments where needed.

A report will be prepared compiling the data inventory from these forms and proposed future applications (i.e. needs assessment). It was determined that "overlay" applications will be differentiated from base map applications in the report.
4. Base map development was discussed. Determining what attributes should be included in the base map should be done first (i.e. monuments, sections, roads, water, parcels, etc.). The next issue is formulating a strategy for documenting the accuracy (reliability of the data) and it's source. A sub-committee for this purpose was formed consisting of Bob Mills (Chair), Dave Dow, Jim Isbel, Richard Frias, Sharon Schooley, and Rob Ball. A report will be prepared outlining their recommendations and should be available at our next meeting.
5. County wide integration is an issue which will be addressed in the future. Some of the possibilities discussed included a wide area network using existing T1 connections or setting up an internet site.
6. Two officers were elected. The Chair Person will be Rob Ball - KernCOG and the vice-chair will be Dave Dow - City of Bakersfield.
7. Under other business two issues were briefly discussed
 1. Can the Valley Wide GIS project be integrated into our base map?
This issue will be considered by the Base Map sub-committee.
 2. When will we start considering repository structure (i.e. distributed vs. central location) and how it will be maintained? Should the base map be centrally located?

We're not ready to address these issues yet. We should be thinking about how these could be resolved when the time comes.

The meeting was adjourned at 11:00 a.m. **The next meeting is scheduled for Monday, August 5th, 1996 in the City of Bakersfield Development Services Building, 1st Floor Conference Room at 9:00 a.m.**



Executive Committee Members:
Jack Hardisty, Bakersfield Development Services, 805/326-3733
Richard Russell, Kern County Assessor's Office, 805/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 805/862-5100
Ron Brummett, Kern Council of Governments, 805/861-2191

Kern GEONET Technical Committee Meeting Summary for August 5, 1996

The August meeting of the Kern GEONET Technical Committee was held at the City of Bakersfield Development Services Building, 1st Floor Conference Room, starting at 9:00 a.m. The following representatives were in attendance: Jim Isbel, and Randy Worley from the County Assessor/Recorder; Richard Frias and Sharon Schooley from County Fire; Dan McAlister and Bob Mills from County Engineering & Surveying; Bob Trammel and Dave Dow from the City of Bakersfield; Rob Ball and Michelle Bitner from Kern COG; Brett Dawson from the City of Shafter; Russel Rink from County Waste Management; Jesus Garcia, Veronica Vanry, and Ron Basich from Superintendent of Schools. Following are issues that were reviewed and discussed:

1. Roll call was taken. The following Committee members were absent Mike Smith, Ursula Barnfield, Bruce Deeter and Peter Smith.
2. The Summary from the July 1st, 1996 meeting was reviewed and approved as submitted.
3. There was brief discussion about the data inventory report for existing and "desired" information which is yet to be prepared. Several members still need to turn in their survey forms before the data can be compiled into a report.
4. The sub-committee report regarding the development of a county wide base map. The main issues presented were:
 - a. The scope and definition of the base map.
 - b. What features would be included in the base map.
 - c. What coordinate system would be used.
 - d. Development standards for source, accuracy and layering conventions.

The report made recommendations on the first 3 items but recommended further discussion on the development standards issue. After discussion the report was approved. A sub-committee meeting to address the development standards issue was scheduled. A sub-committee report regarding this item will be presented at our next scheduled meeting.

5. There was brief discussion on work remaining. The general consensus on the next issue to work on after the base map is developing a strategy for integrating County and City systems. Bob Trammel provided some insight into what may be necessary for implementing an integration effort.

The meeting was adjourned at 10:00 a.m. **The next meeting is scheduled for Monday, September 9th, 1996 in the City of Bakersfield Development Services Building, 1st Floor Conference Room at 9:00 a.m.**



Executive Committee Members:
Jack Hardisty, Bakersfield Development Services, 805/326-3733
Richard Russell, Kern County Assessor's Office, 805/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 805/862-5100
Ron Brummett, Kern Council of Governments, 805/861-2191

Kern GEONET Technical Committee Meeting Summary for September 9, 1996

The September meeting of the Kern GEONET Technical Committee was held at the City of Bakersfield Development Services Building, 1st Floor Conference Room, starting at 9:00 a.m. Attached is an attendance schedule indicating representatives present. Following are issues that were reviewed and discussed:

1. Roll call was taken. The following Committee members were absent Mike Smith, and Peter Smith.
2. Motion was made to add Veronica VanRy - KCSOS to the technical committee. Rob Ball will present this proposal to the Executive Committee.
3. The Summary from the August 5th, 1996 meeting was reviewed and approved as submitted.
4. The needs assessment and data inventory report still have not been compiled to the committees satisfaction. Several members were concerned that the questionnaire is overly complicated and unclear. Rob Ball and Dave Dow agreed to meet and try to formulate a different approach. We will try to provide a solution at the next meeting.
4. The second sub-committee report regarding the development of a county wide base map was presented. This report provided recommendations for source and accuracy development standards and layering conventions for the base map. A final report showing all of the sub-committees recommendations will be prepared for final review and approval by this committee.
5. An issue regarding address/event mapping (address geocoding) was presented. The committee determined this is an important wide ranging issue and should be part of our overall work program. A sub-committee was formed to examine this issue. The committee consists of Rob Ball, Bob Mills, Richard Frias, Sharon Schooley, Veronica VanRy and Paul Hoagland. A meeting was scheduled on September 23 at 9:00 at KernCOG.
- 6) The year 2000 census is looming around the corner. Task forces are being assembled by the census bureau throughout the country that will help plan the implementation of this census. The committee discussed the issue and determined it would be in our best interest to be involved with this task force.
- 7) Data maintenance, implementation procedures, and system integration are primary remaining issues to be considered in detail. A sub-committee was formed to begin discussing integration procedures consisting of Richard Frias, Sharon Schooley, Bob Trammel, Bob Mills and Dave Dow. A meeting of this group was scheduled for September 16 at 9:00 at County Fire. It was determined that implementation and maintenance will be considered by the committee as a whole.
- 8) The 3rd annual Geo Forum conference is planned. The conference will be at CSUB on December 5th and 6th. Rob Ball can provide further information regarding this important event.

The meeting was adjourned at 10:15 a.m. **The next meeting is scheduled for Monday, October 7th, 1996 in the City of Bakersfield Development Services Building, 1st Floor Conference Room at 9:00 a.m.**



Executive Committee Members:
Jack Hardisty, Bakersfield Development Services, 805/326-3733
Richard Russell, Kern County Assessor's Office, 805/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 805/862-5100
Ron Brummett, Kern Council of Governments, 805/861-2191

Kern GEONET Technical Committee Meeting Summary for October 7th, 1996

The September meeting of the Kern GEONET Technical Committee was held at the City of Bakersfield Development Services Building, 1st Floor Conference Room, starting at 9:00 a.m. Attached is an attendance schedule indicating representatives present. Following are issues that were reviewed and discussed:

1. Roll call was taken. The following Committee members were absent Mike Smith, Sharon Schooley and Peter Smith.
2. Confirmation was made that Veronica VanRy - KCSOS was added to the technical committee.
3. The Summary from the September 9th, 1996 meeting was reviewed and approved as submitted.
4. The Kern GEONET Base Map Standard - Final Report was reviewed. The report was approved with one change. Accuracy rating 5 was changed from "Hand held GPS work" to "Non-survey GPS work."
5. A revised survey form (with explanation) to document existing data sets available from committee members was distributed by Dave Dow. A sample was prepared of the City of Bakersfield's data sets to illustrate how to use the revised form. Committee members were asked to use the survey to document their available data sets and return by the next meeting.
6. A draft overview needs assessment was presented by Rob Ball. It was determined a more focused needs assessment be prepared which takes into account prioritizing the order data sets are built.
7. A memo from Rob Ball to the Technical Committee was distributed which outlined proposed implementation procedures for the "Long Term" base map and "Short Range" high profile applications. There was no specific action taken on this item.
8. The sub-committee on Integration met on September 15th to discuss how various agencies are networked and what plans are for the future. Richard Frias prepared a report diagraming existing and proposed links that are currently being implemented. With the proposed additional links it was determined a fairly complete network will be in place between the City, County, and Superintendent of Schools. The committee feels there is a good possibility future GIS distribution efforts could be "piggy backed" off of this backbone. Another issue discussed was the formation of a central depository for GIS databases. It was recommended further investigation into this possibility be pursued regarding these matters.
9. The address mapping sub-committee met. Rob Ball presented an oral report which informed the technical committee of efforts under way by the census bureau to develop address matching for the year 2000 census. The Superintendent of Schools and County Fire have agreed to coordinate there efforts in developing this application. The committee determined that further action is not necessary at this time.
10. The committee thought it would be useful to compile a draft base map from existing data. This could help determine where "holes" exist and provide a good general reference of who has data available in specific areas. The map will be compiled after existing data surveys are returned and compiled into a useable matrix.

The meeting was adjourned at 10:15 a.m. **The next meeting is scheduled for Monday, November 4th, 1996 in the City of Bakersfield Development Services Building, 1st Floor Conference Room at 9:00 a.m.**



Executive Committee Members:
Jack Hardisty, Bakersfield Development Services, 805/326-3733
Richard Russell, Kern County Assessors Office, 805/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 805/862-5100
Ron Brummett, Kern Council of Governments, 805/861-2191

Kern GEONET Technical Committee Meeting Summary for November 4th, 1996

The November meeting of the Kern GEONET Technical Committee was held at KernCOG Conference Room, starting at 9:00 a.m. Attached is an attendance schedule indicating representatives present. Following are issues that were reviewed and discussed:

1. Roll call was taken. The following Committee members were absent Mike Smith, Veronica VanRy and Peter Smith.
2. The Summary from the October 7th, 1996 meeting was reviewed and approved with one minor revision. The second sentence of item 6 was omitted.
3. The data survey forms, which were passed out during the 10/7/96 meeting, were requested to be turned in as soon as possible. The forms will be compiled into a final survey showing existing data available from participating agencies. A map will be created showing a "spatial" index of where the various data sets are located.
4. Implementation of a base map on a County wide basis was discussed. It is believed that about 70% of the urban areas within the county have been computer mapped in some form or another. It was generally felt that once the data survey is compiled we should be able to prepare a work plan for consolidating the data into one data set and a time line on completing implementation in the unmapped areas.
5. Fliers were passed out for the GeoForum conference on December 5th, 1996.
6. A sub-committee meeting was scheduled for 11/12/95, 9 AM, at County Fire to brainstorm how an address matching application could be created and to discuss a process for updating assessor information in the parcel map coverage.

The meeting was adjourned at 10:15 a.m. **The next meeting is scheduled for Monday, December 2nd, 1996 in the KernCOG Conference Room at 9:00 a.m.**



Executive Committee Members:

Bob Trammell, Bakersfield Information Technology, 661/326-3344
Tony Ansolabehere, Kern County Assessor's Office, 661/861-2311
Chuck Lackey, Kern County Engineering & Surveying, 661/862-5100
Ron Brummett, Kern Council of Governments, 661/861-2191

**December 2nd, 1996 Technical Committee Meeting Minutes
City of Bakersfield, Development Services Building**

Meeting postponed.