



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

January 4, 2001 Technical Committee Meeting Notes City of Bakersfield, Development Services Building

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent Frank Lane and Mark Sabin.
- II. Introduce and nominate new voting members - No comments.
- III. Review and approve minutes from last meeting - Minutes were approved from the December 7th, 2000 meeting as submitted. (Group vote)
- IV. City of Bakersfield First-in-Response Program - Bob Amos (City of Bakersfield – GIS) presented a demonstration using hot linking within ArcView to pull up hazardous material sites and pre-plans that have been scanned. The proposal is to download the ArcView application and associated scanned documents onto laptop computers for use in the field. (Information)
- V. E-911 Master Street File Maintenance Coordination - Chuck Lackey (County ESS) reported priority for 911 maintenance has been brought to the forefront. Resources are budgeted and the recruitment process has begun. An ordinance outlining procedures for addressing has been drafted and will be considered by the County Supervisors in the near future. Bob Trammell (City of Bakersfield MIS) stated the City of Bakersfield is also working on securing resources for 911 maintenance within the metropolitan area. There was discussion about conflict mitigation and coordination between the two agencies. This issue will be further discussed in future meetings. (Information)
- VI. Leveraging Local Government Data using SDS - KernCOG is awaiting a grant from the US Army for creation of an implementation guide for SDS (Spatial Data Standard) within the region. This is an opportunity for us to "impose our will" on the creation of standards within the region (this could have wider ranging impacts at the state or even federal levels). Bob Mills (County ESS) asked if layering standard conventions for Computer Aided Drafting (CAD) have been proposed within SDS yet. The answer to that question was no. That would be one of the issues we could address in our response. (Information)
- VII. Regional Imagery Update Initiative - Rob Ball (KernCOG) reported there is interest from various agencies/jurisdictions to update the imagery on a regular basis. Tentatively the proposal is to update on a two-year cycle. Estimates for updating the Metropolitan Bakersfield area (262-sq. mi.) with one foot pixel resolution is \$95,000 (\$362.50/sq. mi.). We need to be budgeting this year to have the funds available for the spring 2002 "window." (Information)
- VIII. Eighth annual California GIS Conference will be held in Sacramento – February 21-23, 2001. For further information check out WWW.CALGIS.ORG. (Information)
- IX. Work Remaining – Jim Isbel (County Assessors) reported the County is considering using data from the updated Valley Wide Project to supplement construction of their parcel base. The decision for using this approach has not been finalized yet. (Information)
- X. Other Business – No discussion
- X. Next meeting scheduled for February 1, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room.



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**February 1, 2001 Technical Committee Meeting Notes
City of Bakersfield, Development Services Building**

The following agenda items were discussed:

- I. Roll Call: The following voting members were not present: Sharon Schooley & Dave Dow
- II. Richard Murillo of Kern County ESS was nominated as voting member. Richard is doing address range maintenance for E-911.
- III. Meeting notes were approved from the January meeting with the following change.
 - a. Item IX. Work Remaining – Jim Isbel (County Assessor's) reported the County Assessor is considering using data from the updated VW-GIS to supplement construction of their parcel base. The decision for using this approach has not been finalized yet. (Information)
- IV. Bob Amos showed the City of Bakersfield 3D imagery fly through.
- V. Amendment to the imagery distribution License The City of Bakersfield, The County Ag Commissioner and E-Gov Edge are wanting to make imagery available on-line (on web-site). The following changes were approved to the license agreement in accordance with the original intention under which the license agreement was prepared back in September.
 - a. 3.C.1. Copies of a screen shot ...
 - b. 3.C.2. Printed copies of the imagery may be distributed for free or sold for the cost of reproduction only.
- VI. California GIS Conference Announced
- VII. ArcView 3.2 Training announced for May 21-22 at BC
- VIII. Work Remaining Status Reports – no change
- IX. Bob Amos invited all those interested to attend an ESRI demonstration on E-911, Emergency in-vehicle GIS on Feb. 15.
- X. March 1, 2001 – Tour of County Command 5 –Communications/Dispatch Center immediately following meeting.



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**March 1, 2001 Technical Committee Meeting Notes
City of Bakersfield, Development Services Building**

The following agenda items were discussed:

- I. Roll Call: The following voting members were not present: Dave Dow & Frank Lane
- II. Meeting notes were approved from the February meeting.
- III. Bob Amos showed the City of Bakersfield 3D imagery fly through.
- IV. California GIS Conference Report given by Rob Ball
- V. Motion to amend 3.c.1. to delete last sentence of the Imagery License Agreement was approved
- VI. Discussion of Kern COG's new mapping services to member agencies.
- VII. Discussion of Imagery update. No change.
- VIII. ESRI ArcView user group meeting coming up April 19th
- IX. Bob Amos discussed possible imagery fly for day after disaster. The City of Bakersfield will investigate.

**April 5, 2001 Technical Committee Meeting Notes City
of Bakersfield, Development Services Building**

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent Frank Lane and Sharon Scooley.
- II. Introduce and nominate new voting members – Louis Cervantes will vote in Mark Sabin's place.
- III. Review and approve minutes from last meeting - Minutes were approved from the March 1st, 2001 meeting as submitted. (Group vote)
- IV. Tiger 2000 and Census PL94-171 data can be downloaded from the ESRI web site. The Tiger file is in Decimal Degrees. The PL94-171 data can be linked at the block level and includes population broken down by race and ethnicity. (Information)
- V. An amended copy of the Distribution License for imagery was provided. The committee at the 3/01/2001 meeting approved this amendment. (Information)
- VI. The proposed initiative for imagery updating was discussed. Several County agencies expressed concern about the possibility of updating the imagery countywide. The City of Bakersfield expressed interest in updating the imagery (at least for the metropolitan area). (Information)
- VII. ESRI certified training was announced for ArcView. The training is proposed for May 21-22. The cost of registering is \$11. (Information)
- VIII. SDS training is proposed for early June. The goal of the training is to get a better handle on the SDS standard to aid in implementation and design of a standard for CAD related data within the region. (Information)
- IX. Other Business – No discussion
- X. Next meeting scheduled for May 3rd, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room.



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May 3, 2001 Technical Committee Meeting Notes City of Bakersfield, Development Services Building

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent Frank Lane and Sharon Scooley.
- II. Introduce and nominate new voting members – No Comments.
- III. Review and approve minutes from last meeting - Minutes were approved from the April 5th, 2001 meeting as submitted. (Group vote)
- IV. Hiring Freeze – The G.I.S. positions for the County is on hold due to the hiring freeze. Rob Ball recommended the Executive Committee outlining reasons why these positions need to be filled in a draft letter to County CAO. (Group vote, 6-1 in favor to recommend Executive Committee draft a letter to CAO)
- V. The 2002 Regional Imagery project – Most of the support for this project is coming from KernCOG (\$60,000 for 1-meter imagery) and the City of Bakersfield for 1-foot imagery. The balance of the County is not offering support at this time due to budget constraints. (Information)
- VI. A draft RFP for the Kern MEAR (Master Environmental Assessment Report) Phase 1 has been prepared. The first phase of the project is to provide sufficient data for decision support. (Information)
- VII. SDSFIE Training is scheduled for June 6th and 7th at CSU Fresno. Free training is being offered in the use of the SDSFIE software for development of spatial data projects that comply with the SDSFIE Development Standards. In addition the knowledge gained in this training will be used to help design additional standards for CAD related maps and drawings, which subsequently could be worked into specifications for electronic submittal of tracts and parcel maps to applicable jurisdictions. (Information)
- VIII. Other Business – No discussion
- IX. Next meeting scheduled for July 5, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room. (Note: the June meeting was canceled due to the SDSFIE training)



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

**June, 2001 Technical Committee Meeting Minutes
City of Bakersfield, Development Services Building**

Meeting Cancelled due to SDSFIE training.



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**July 5, 2001 Technical Committee Meeting Notes
City of Bakersfield, Development Services Building**

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent Frank Lane and Sharon Scooley.
- II. Introduce and nominate new voting members – 3 members were proposed by Bob Amos from the Bakersfield GIS Div. The motion died for lack of a second. Bob Amos inquired about adding a member to the Executive Committee from Bakersfield GIS or ITS. This item will be brought before the Executive Committee at their next meeting.

In addition, Mr. Amos recommended that all grant opportunities and contracts be discussed at Kern GEONET. Rob Ball mentioned the availability of Kern COG's Local Technical Assistance Grant program for transportation related projects.

- III. Review and approve minutes from last meeting - Minutes were approved from the May 3rd, 2001 meeting as submitted. (Group vote)
- IV. Meeting notes on Kern GEONET Executive Committee were reviewed by Rob Ball.
- V. A Status Report on the Valley GIS Standards project was given by those in attendance.
Dave Dow will begin working on layer naming of AutoCAD using SDS.
SDS extract version from County for all agencies to use.
County ESS receive NACO grant for training and software.
Jonathon Corbridge of ESRI offered to look into technical problems converting E911 streets to ESRI format
- VI. Other Business – No discussion



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August 2, 2001 Technical Committee Meeting Notes City of Bakersfield, Development Services Building

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent Frank Lane, Mark Sabin and Sharon Scooley.
- II. Introduce and nominate new voting members – No Comments.
- III. Review and approve minutes from last meeting - Minutes were approved from the July 5th, 2001 meeting as submitted. (Group vote)
- IV. Status on Executive Committee Meeting/Letter for Funding County G.I.S. Position – A letter was drafted “encouraging” the County to still fund their proposed G.I.S. position. The letter did not need to be sent; the position funding was approved. (Information)
- V. USGS call for partners to complete 10 meter Digital Elevation Model's (DEM) of the State – USGS is hoping to partner to complete the DEM's for Kern County. The estimated cost is \$90,000 for 130 needed DEM's. If partnering is not feasible the work will eventually be done but it will move Kern County way down on the priority list. There was discussion about the usefulness of 10 meter DEM's for participating agencies. The discussion moved into the possibility of completing the work using some other, faster and more accurate/detailed means, such as LIDAR or Radar. There was no consensus on what should be done from here. (Information)
- VI. San Joaquin Valley Regional G.I.S. Standards Project – Back in June some members of this committee attended training for implementing SDSFIE in preparation for development of our own regional standards (that is why the June GeoNET meeting was canceled). The meeting was held at the ISIS center in Fresno. The group met during the training to discuss how to implement the standard within our region. Meeting notes were taken at the meeting. Copies of those notes were distributed and reviewed. (Information)
- VII. G.I.S. Day 2001 – G.I.S. Day is scheduled for November 14, participation is encouraged (Information)
- VIII. ArcView 8.1 Training – Training for the newest version of ArcView is scheduled for January at Bakersfield College. Contact Coleen Mesel at (661) 395-4668.
- IX. Other Business – According to Richard Murillo of County Planning work on the E-911 street update has begun. Jim Isbel of the County Assessors stated work continues on updating parcels using the Valley Wide data as a base to work from. An issue was brought up concerning the City of Bakersfield MIS Department's ability to share new data with the Assessor. Currently there is no network connection between the two departments. This committee recommended that this issue be a subject of future discussion and possible action at a later date.
- X. Next meeting scheduled for September 6, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room.



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**September 6, 2001 Technical Committee Meeting
Notes City of Bakersfield, Development Services
Building**

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent - Sharon Scooley.
- II. Introduce and nominate new voting members – No Comments.
- III. Review and approve minutes from last meeting - Minutes were approved from the August 2nd, 2001 meeting with one change. Item IX refers to Richard Murillo working for County Planning, it should refer to him working for County ESS. (Group vote)
- IV. Statewide GIS Council Report – A meeting report for the Statewide GIS Council was distributed. Rob Ball summarized the report, which covered issues regarding formation of the Council such as representation mix (i.e. Federal, State, Local agency representation), level of representation (i.e. technical vs. program level) and charter review. (Information)
- V. Ten-Meter DEMs update – This was an issue carried over from the previous meeting. Mary Cook of AirPhoto USA has been trying to get estimated costs for development of 1 and 3 meter DEMs, which she has not been able to get yet. There was some discussion on the possibility of sharing cost for the Metro Bakersfield area. If so the updated DEM could be used to provide control for an updated ortho-rectified aerial photo at a later date, which should be more positionally accurate than the current photo. (Information)
- VI. San Joaquin Valley Regional G.I.S. Standards Project – A meeting is scheduled at the ISIS center in Fresno regarding development of this standard. Dave Dow is working on development of a standards report for integrating CADD and GIS environments. Ultimately this will be incorporated into the overall SDSFIE implementation GIS standard for the region. (Information)
- VII. G.I.S. Day 2001 – G.I.S. Day is scheduled for November 14, work continues to prepare for this important event. The event will be hosted at the Centennial Gardens. (Information)
- VIII. Valley GIS Consultants for COGs – Rob Ball gave a verbal description of the proposal. (Information)
- IX. Kern MEAR GIS Environmental Streamlining Project –Rob Ball gave a brief update stating the project is on schedule. (Information)
- X. Annual Report – Call for papers for the next annual report due ASAP. Try to provide paper for the October 4, 2001 meeting. (Information)
- XI. Work Remaining – No comment (Information)
- XII Other Business – No Comment (Information)
- XIII. Next meeting scheduled for October 4th, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room.

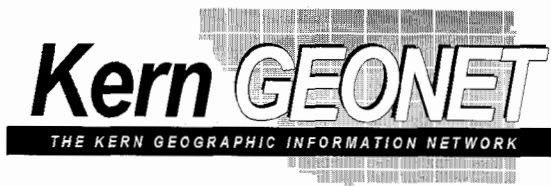


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**October 4, 2001 Technical Committee Meeting Notes
City of Bakersfield, Development Services Building**

The following agenda items were discussed:

- I. Roll Call – The following voting members were absent - Sharon Scooley, Rob Ball, Frank Lane.
- II. Introduce and nominate new voting members – Sharon Schooley no longer works for County Fire. Will Hanna has requested that Joe Appleton represent County Fire in her place. Question was raised about a requirement that voting members must be members of government agencies. Although this is not a written policy, it would reduce eliminate potential conflicts of interest. Voting members are recommended by the Technical Committee to the executive committee for approval.
- III. Review and approve minutes from last meeting - Minutes were approved from the September 6, 2001 meeting with one change. (Group vote)
- IV. Articles for the annual report were submitted by Bruce Deeter, Bob Mills, and Jim Isbell. Articles have not been submitted by Bob Amos, Mark Sabin, or Joe Appleton.
- V. The creation of 10 meter coordinate spaced DEMs was discussed – Currently only 30 meter DEMs exist for all of Kern. USGS will partner with locals to do the remaining 130 Quads in Kern at a cost of approx. \$90k. The process would use existing USGS Quad data which in some areas is more than 40 years old. Mary Cook has made contact with a RADAR surveying firm that will fly the County for roughly \$800/sq.mi. and will do a minimum project of 60 square miles for \$50k with 3 meter coordinate spacing. (Information)
- VI. San Joaquin Valley Regional G.I.S. Standards Project – Dave Dow gave a report on the September meeting of the Standards project. (Information)
- VII. G.I.S. Day 2001 – G.I.S. Day is scheduled for November 14, work continues to prepare for this important event. The event will be hosted at the Centennial Gardens. (Information)
- VIII. Work Remaining – No comment (Information)
- IX Other Business – City of Bakersfield has offered its ArcIMS website for publishing data on the internet. (Information)
- XIII. Next meeting scheduled for November 1, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room.



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**November 1, 2001 Technical Committee Meeting Notes
City of Bakersfield, Development Services Building**

The following agenda items were discussed:

- I. Roll Call
- II. Introduce and nominate new voting members – No Comments.
- III. Review and approve minutes from last meeting - Minutes were approved from the October 4th, 2001 meeting with no changes. (Group vote)
- IV. Articles for Annual Report – Rob encouraged submittal of articles for the annual report as soon as possible. (Information)
- V. Ten-Meter DEMs update – Mary Cook provided an estimate of \$300,000 to construct a 1-meter DEM for all of Kern County. There was discussion on how this might be accomplished as some sort of joint project through the Statewide GIS Council, possibly as a Southern San Joaquin Valley project. The estimate to do the whole state of California is about eight million dollars. (Information)
- VI. Ortho Imagery Update – The City of Bakersfield will be updating their 1-ft. imagery in spring of 2002. The contract is under preparation and should be ratified in January. (Information)
- VII. San Joaquin Valley Regional G.I.S. Standards Project – The CADD Standards project is progressing slowly. There was no additional information to report at this time. (Information)
- VIII. G.I.S. Day 2001 – G.I.S. Day is scheduled for November 14, work continues to prepare for this important event. The event will be hosted at the Centennial Gardens. (Information)
- IX. Work Remaining – No comments. (Information)
- X. Other Business – No Comment, (Information)
- XI. Next meeting scheduled for December 6th, 2001 at 1:30 p.m. in the Development Services 1st Floor Conference Room.



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**December 6th, 2001 Technical Committee Meeting
Notes City of Bakersfield, Development Services
Building**

The following agenda items were discussed:

- I. Roll Call
- II. Introduce and nominate new voting members – No Comments.
- III. Review and approve minutes from last meeting - Minutes were approved from the November 1st, 2001 meeting with no changes. (Group vote)
- IV. Ortho-imagery Update – The City of Bakersfield will be updating their 1-ft. imagery in spring of 2002. The contract is under preparation and should be ratified in January. (Information)
- V. 10 meter DEM – See the next agenda item. (Information)
- VI. Radar Created DEM's – Hugh MacKay of Intermap made a presentation regarding the use of radar technology for the creation of high quality digital elevation models (DEM). The presentation touched on some of the technical, practical and economic implications of such a project. Estimates for "flying" Kern County using this technology is about \$800,000. However, it was pointed out that economies of scale are very applicable to this type of project. Discussion focussed on the possibility of putting together some kind of regional project, to share costs and/or apply for grant(s) from the State or Feds to reduce costs. (Information)
- VII. Work Remaining – The E-911 street file should be available as an update some time in January 2002. (Information)
- VIII. Other Business – No Comment, (Information)
- IX. Next meeting scheduled for January 3rd, 2002 at 1:30 p.m. in the Development Services 1st Floor Conference Room.