

30th Edition Special Issue

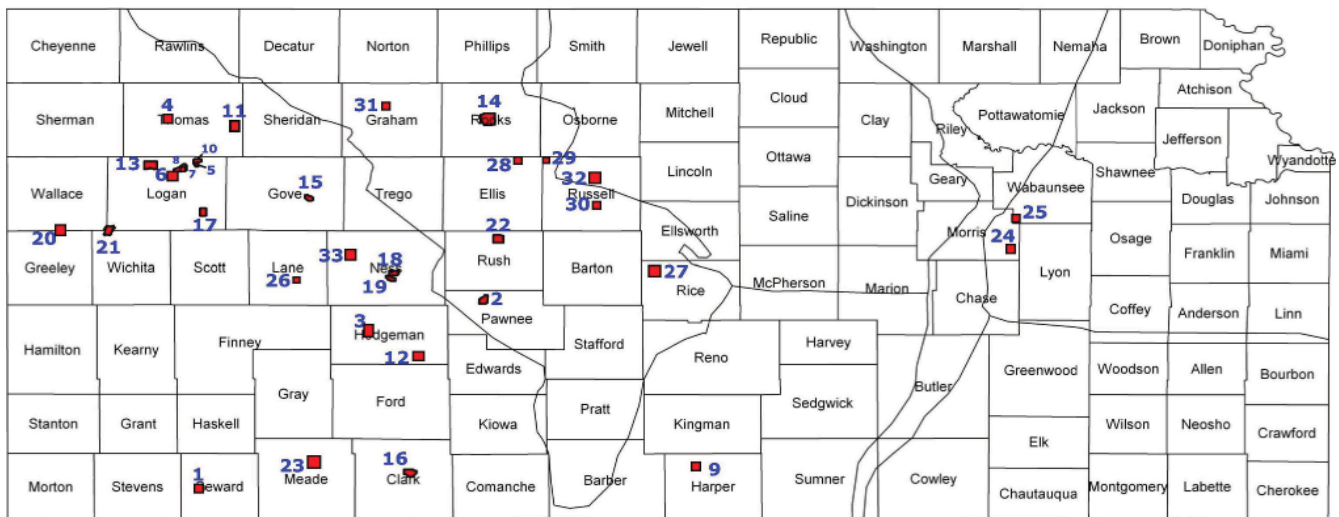
SeisNOTES

A Newsletter From



Vol. 12, Number 2

ECHO's State of Kansas Program Growing Rapidly



By: Steve Gardiner, SeisNotes Editor

ECHO Geophysical Corporation has launched a new 3-D seismic data pool in the State of Kansas. Already our participants have contributed 33 surveys totaling 186 square miles to the State of Kansas Program.

Senior Geophysical Analyst Randy Jackson expects the program to grow quickly, and Senior Geophysicist Rick Steineck agrees. “The Echo data pool programs have been a catalyst to exploration. I’m sure the same will be true for the Kansas Program. It has really been taking off.” Steineck said.

ECHO President John Jancik said, “The State of

Kansas Program has rapidly grown in 2010. We have 33 surveys currently on contract, and I anticipate we will be over the 50 number by year’s end.”

One of the strong points of the program is that it “is the only 3-D data program in Kansas,” Jackson explained. “As always in our data pools, clients will receive high-quality products from ECHO with state-of-the-art processing. Having an updated version of the data is always an asset.”

ECHO had been discussing the possibility of a data pool program in Kansas. In the summer of 2008, Vice President of Operations Janet McGuire worked with Jackson and Steineck to strategize on how

best to meet ECHO’s clients’ Kansas data needs. Using existing client lists, they created a contact database and started making calls.

Because of McGuire’s familiarity with the region and the clients there, she was the best fit to lead the project. McGuire said, “I created a presentation that explained the data pool model and initial phase concept and provided processing examples of some of ECHO’s work in Kansas. By the time the 2008 KIOGA meeting rolled around in August, I had hit the road and managed to drum up some interest in the program.”

Clients interested in participating in the State of

Continued on Page 2

Kansas.....Continued from Page 1

Kansas 3-D Program have several options to access the surveys. They may contribute data into the program, make a financial contribution, or do both to license specific surveys.

Some clients may want all of the surveys in the program, so ECHO offers a lifetime membership which allows clients to receive all current and future data contributed to

the program. Participation also allows clients to access the raw field seismic and additional processing services for a reasonable fee.

“It is easy to understand why Kansas is such a popular area to explore these days,” Jancik said, “given the fact that much of the state is an oil producing region, and the drilling costs are reasonable. Add that to the knowledge that the producing infrastructure is in place and land leasing costs have not gone through the roof, it seems like a logical place for independents to look for modest sized fields.”

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Team HighPoint finds adventure in the Top of the British Isles Expedition

By: Steve Gardiner, SeisNotes Editor

Five countries. Five highpoints. Five adventures.

That’s what Team Highpoint experienced during the Top of the British Isles trip from June 21-July 2 when we climbed the highest mountains in Scotland, England, Wales, Ireland, and Northern Ireland.

ECHO President John Jancik and I arrived in Ft. William, Scotland, on June 22 and took an afternoon walk

at the base of Ben Nevis, the highpoint of Scotland and the entire British Isles. Fittingly, a bagpiper was standing at the trailhead playing traditional Scottish music.

Although the five highpoint peaks are neither high altitude nor difficult, the challenge is climbing a lot of miles, driving a lot of hours, and enduring a long sleep-deprived adventure.

The next morning, we set out on Ben Nevis in heavy fog. We had expected this type of

weather, but our anticipation did not prepare us for how thick and blinding the fog could be. The first two hours were mostly clear, but we could see the heavy clouds hanging above us, and soon we climbed into them. The rocky summit block is a mass of boulders, a nightmare for any climber in fog if it were not for rock cairns the size of a man placed strategically along the pathway. Two very dangerous cliff faces are near the summit, and

British Isles.....Continued from Page 2

straying from the path could be a serious error. We picked our way carefully, but the fog was so thick that at times we could not find one cairn before leaving the last one. Near the summit, we met a couple from Florida who had turned back, concerned about the lack of visibility and the 2,000-foot cliff on the north east face. With such poor visibility, the cliff was a concern for all climbers. We passed the place where they had turned back, and in five more minutes stumbled upon the triangulation point that marks the official summit. The couple had been so close, but with the visibility at 50 feet, they had no idea where the highpoint was.

Even though it was late June, we were wrapped in Gore-Tex jackets against the damp cold and steady drizzle. The fog limited our views and photo opportunities, but we were very excited to have our first British Isles highpoint completed. We hiked back to the valley and drove south into Carlisle, England, for the evening.

Near Carlisle are the remains of Hadrian's Wall, a 15-foot high barrier built by the Romans about 122 AD to protect the northern frontier of the Roman Empire. In ancient Roman times, the 73-mile long wall had 30 forts, and many sections of the wall and fort ruins are still visible today. We visited the fort at



Steve Gardiner crossing one of the many rain created streams found on Slieve Donard; highest point in Northern Ireland.

Birdoswald before driving on to the Lake District in Northern England where we camped near Wastwater Lake at Wasdale Head.

By the time we started up Scafell Pike, the highpoint of England, on the morning of June 25, we were being greeted by dozens of Three Peak Challenge teams who had started at Ben Nevis the afternoon before and were now descending Scafell Pike after driving through the night and making a pre-dawn ascent. Some looked tired, but most were very cheerful and happy to share a moment on the trail and exchange stories. Our hike up was a long series of brief conversations and congratulations that increased our admiration for the people making these hikes for charity.

Their commitment reminded us of our own 50 for Tibet project and how strongly we felt about the work we were doing for The Rowell Fund for Tibet (www.savetibet.org/about-ict/rowell-fund-tibet). We felt validated in our decision to bring that effort, and its accompanying informational brochures, across the Atlantic Ocean.

As we hiked up Scafell Pike, we had good views toward the summit, but as we approached, the clouds moved in and again blocked our visibility at the top. We spent a few minutes on the summit, unfurled the American flag on England's highpoint, and then hiked back down into the valley.

Northern Wales is a land of forested mountains, whitewater rivers and charming villages.

British Isles.....Continued from Page 3

We enjoyed all of those as we traveled to the town of Betws-y-coed, our jumping off point for Snowdon, the Welsh highpoint. Clouds had become our constant companion by now, so we were not surprised that the entire ascent of Snowdon was foggy.

“I must admit when we brought out the American flag on the top of Snowden, which is always a tad awkward on a foreign summit, I would never have guessed that a British woman’s response to the unfurling of the flag would be, ‘It looks like we lost,’” Jancik said.

To set up the fourth peak, we flew across the Irish Sea to Dublin and drove across Ireland in the afternoon to reach Killarney, the town nearest the Irish highpoint of Carrauntoohil (pronounced CARE-un-tool). Traditional Irish music spilling out of the pubs into the streets of Killarney set the mood for our fourth highpoint on June 27. We were the first ones at the trailhead at Cronin’s Yard, and as we packed our gear, another climber asked if he



Steve Gardiner on the foggy and rainy approach to the summit of Ben Nevis; highest point in Scotland

could join us. He was Antonio Ulloa Reinoso, a medical doctor from Spain. We left the trail head and found our way up the lower slopes of the mountain to the most difficult part, a section called the Devil’s Ladder. It is a narrow gully filled with loose rock and boulders. It is steep, and the loose rocks don’t inspire confidence. We scrambled up through the debris and emerged onto the broad saddle above. From there, an hour of hiking through more fog brought us to the summit - crowned by a 16-foot-tall cross that was

placed there in 1950. There were enough gaps in the clouds that we were able to get brief views down into the green valleys around us as Antonio played the song “Vertigo” by the Irish band U2 on his iPod.

The final climb for the Top of the British Isles expedition was Slieve Donard (pronounced Sleeve DON-ard) south of Belfast in Northern Ireland. We parked the car in Newcastle, just 150 yards from the Irish Sea, and hiked in fog as heavy as that on Ben Nevis; however, Slieve Donard added the challenge of high winds. The winds increased to 50 miles per hour as we climbed from the trailhead at the Irish sea, and reached 75 miles per hour on the high ridge and summit.

With the loose footing and force of the wind, we staggered onto the summit and had to brace ourselves to remain standing in one spot. We shot video and still photos of each



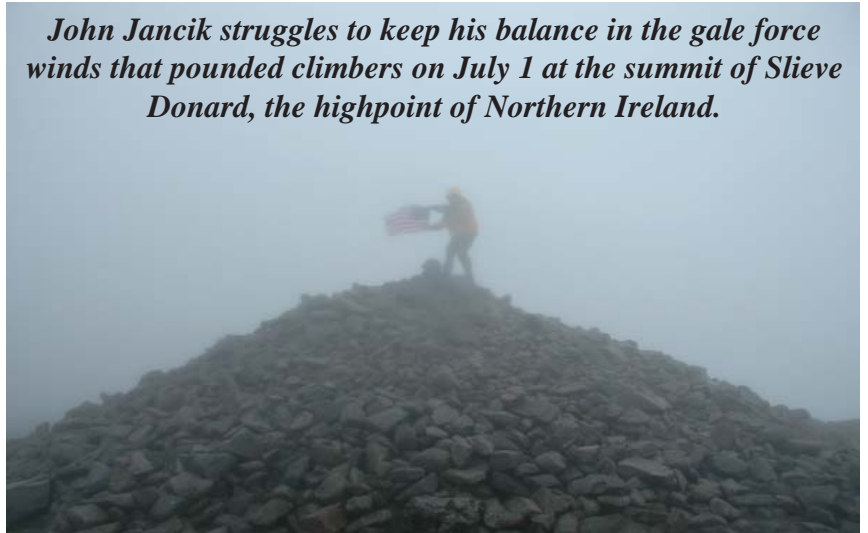
British Isles.....Continued from Page 4

other struggling to hold on to the American flag as the fierce wind tried to rip it from our hands. That wind, combined with the heavy fog, steady rain and poor visibility gave an eerie sense to our final climb. We were happy to drop back down out of the high wind, and by the time we returned to Newcastle, we were bathed in sunshine. We spent the afternoon sitting on the boardwalk, watching the waves, eating fish and chips, and enjoying the satisfaction of reaching all of our goals in the British Isles.

“Without a doubt, my favorite peak was Slieve Donard in Northern Ireland,” Jancik said. “Not because it was the highest, which it isn’t, or had the most dramatic views; which we had virtually none. It was because of the weather on the summit. The hurricane force winds, the rain whipping horizontally and Steve leaning into the gale yelling, ‘Is that all you got?’ was a snapshot in time that will stay with me forever. We were like kids having fun in the most miserable weather conditions.”

While we might have wished for fewer clouds and better views from the summits, the five peaks gave us 16,200 feet of vertical gain/loss in nine calendar days. They left us with a sense of beauty, memories of wonderful people, and a renewed commitment to our highpointing for The Rowell Fund for Tibet.

John Jancik struggles to keep his balance in the gale force winds that pounded climbers on July 1 at the summit of Slieve Donard, the highpoint of Northern Ireland.



Spray painted sheep on the approach to Scafell Pike; highest point in England



Snowden; the highest point in Wales

Love of geology, technology make Cormac Dorsey a perfect fit at ECHO



Manager of Technical Marketing Cormac Dorsey displays a 35-pound King Salmon he caught recently in the Klutina River near the Trans-Alaska Pipeline at Copper Center, Alaska.

By: Steve Gardiner, SeisNotes Editor

Sometimes when one looks back, circumstances seem to have pointed us exactly where we ended up, and things just fell into place.

That would describe the journey Cormac Dorsey has taken on the road to becoming the Manager of Technical Marketing at ECHO Geophysical.

Dorsey's first job after graduating from Loyola Marymount University in Los Angeles was performing legal research for a law firm. Dorsey then switched to wholesale distribution of electrical supplies before

taking charge of a small startup company in California. He built it into a very successful business and ran it for 19 years by emphasizing high customer loyalty, client trust, and technology for both marketing and product design. He was glad to see when he came aboard ECHO that the company had the same beliefs of fostering customer loyalty and trust.

Dorsey's belief in the promise of technology opened another door to him along the way. For nine years, he was a tech support volunteer in public schools. He helped those schools establish their technology programs, locate

and set up the equipment, and rebuild donated computers to help provide students with access to technology.

He also has a strong personal interest in geology. For 20 years, he was an amateur rockhound and spent many vacations driving around New Mexico, Arizona, California, and Nevada looking at rock formations and learning about their history and composition.

"You know how sometimes you ask 'what if' questions?" Dorsey asked. "I sometimes wondered what would have happened if I had pursued geology as a career. Then I came to ECHO, and my love

Dorsey.....Continued from Page 6

of geology and technology met a parallel with my business belief in giving clients the best products and service possible. ECHO has been a great fit for me.”

During his five years at ECHO, Dorsey worked four years processing, helping geophysicists with geometry work, refraction statics and front end QC work. He spent a lot of time working with data from the Permian Basin in Texas and New Mexico and later found himself driving through that area. “Even though I had never driven there before, I found myself thinking, ‘I know where I am, and I know what it looks like underneath me.’”

In his current position as Manager of Technical Marketing, Dorsey works with clients interested in proprietary processing. “Most of the clients are geophysicists,” Dorsey said. “They are working on projects that they are excited about, and when we talk, they often discuss their work with me. They share their knowledge, which is fortunate, because I love talking about geo-sciences. Those moments are so much fun, and I sometimes can’t believe that I’m getting paid to do this. My clients appreciate working with a marketer who has a science background.”

“Cormac has a unique combination of enthusiasm and energy which makes

him a good individual to represent ECHO’s processing capabilities.” ECHO President John Jancik said. “He also has an inquisitive nature about him when it comes to the actual geophysical and geological plays that oil and gas explorationists are involved with.”

***“I came to ECHO,
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fit for me.”
Cormac Dorsey***

In recent months, Dorsey has had two clients move their business to ECHO because they “weren’t getting the consideration they wanted with another service company. At ECHO, we treat every job regardless of size as the most important job. They were finding that at other seismic processing companies, their smaller jobs were getting moved far down the priority queue, and they said, ‘This is why we are doing business with you.’”

“With Cormac traveling around the U.S. showing geophysicists our processing presentation, I believe more

than ever that explorationists are realizing that ECHO has made great strides in becoming more than a proprietary data pool company. We are a top level processing company as well,” Jancik said.

In addition to science, Dorsey has a lifelong love of history. “I especially enjoy reading history books that are over 100 years old, and my wife and I have a large collection of those. That really gives you a different perspective, because the books were written closer to the time of the historical events.”

Dorsey has been married to his wife Cindy, a geophysical technician at ECHO, for 25 years, and for their honeymoon, they took a three-month trip around the world. With his interest in history, one of the highlights was a stop in Katmandu, Nepal, where they discovered a library that had history books that were over 150 years old and were out on the open stacks.

An active outdoorsman, Dorsey loves living in Colorado. “I can get up in the morning, go climb a glacier, stand on a 13,000-foot peak, and be back home in time to do the afternoon chores.” He also likes bicycling and recently took a summer trip salmon fishing with his brother and his son in Alaska.

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50 For Tibet: Adventures in “Low-Pointing”

Attached is a photograph (by Cormac Dorsey) of John Jancik at the lowest point of Badwater Basin, Death Valley, California. The temperature at the time of this picture, taken in August 2010, was a relatively “cool” 111 degrees. At 282 feet below sea level, this spot is the lowest in the western hemisphere and one of the driest. The American flag Jancik is holding (purchased in 1996 before the start of Jancik’s ‘Top of the World Expedition’) has been to 5 of the 7 continents, including 3 of the famed Seven Summits. In addition, it has been to the highpoint of 48 states in United States, the northernmost point of land on Earth, the top of the northernmost mountain on Earth and the summit of the highest peak in the northernmost mountain range on Earth.

The flag has also been to the highpoints of 8 countries around the world.



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