PONCE 2006
XII Campeonato Iberoamericano de Atletismo

May 25th ~ 28th 2006
Francisco Montaner Stadium
Ponce, PR.

Inside this issue:

LYNX AT WORLDWIDE IBEROAMERICAN CHAMPIONSHIPS

The International Track and Field competition at the Francisco "Paquito" Montaner stadium in Ponce, Puerto Rico saw 29 Spanish and Portuguese speaking countries competing in the 12th Iberoamerican Championships. This biennial competition was one of the most significant Athletic events to take place in the Caribbean area this summer and was attended by many senior I.A.A.F. officials and national representatives.

The event lasted four days and featured some stellar performances from the 500 athletes involved; however the performance by the Meet Organizers and the Technical staff was the truly outstanding achievement. Not only was this event the inaugural competition at the stadium, but it was also the first time that the organizing committee had used much of the equipment on display - and there was a full range of products in use: FinishLynx, ReacTime, FieldLynx with integrated LaserLynx, and ResulTV feeding a Video display board.

Victor Lopez, IAAF Technical Representative, with Marcos Oviedo and Nelson Rodríguez of Venezuela.

The competition also saw a major first from a technical perspective. The infrastructure of the Montaner stadium includes a permanently installed detection loop for TrackerLynx underneath the Mondo surface. With full integration of the transponder data into FinishLynx, and a live feed from ResulTV to the scoreboard, competitors in the longer events (800m and up) were able to see their split times on the scoreboard on every lap.

1. **Puerto Rico takes Gold in the 400m Hurdles**
2. **LaserLynx and full video scoreboard running ResulTV**
3. **All distance races had splits and lap counting ~ thanks to TrackerLynx (notice the "chips" on the ankles)**
4. **Wireless ReacTime featured in all the Sprint events**

The closing ceremonies at this highly successful event marked the conclusion of a process that began many months earlier. A process that included design consultations between Lynx personnel and the officials in charge of track construction, a visit to Lynx headquarters for intensive training six months in advance of the event by the technical officials, and on-site support by Lynx at the actual event. The recipe for success? Planning, Preparation, and Execution.

The last few months have been busy from an HR perspective as we have finalized several new hires to fill positions created by the healthy growth rate Lynx has achieved over the past several years.

Paul Krilovich
~ International Sales Director

Paul earned a BBA, Bachelor of Business Administration degree, from the University of Massachusetts and an MBA from Nichols College. He has over 20 years of senior level sales and financial management experience in technology based companies operating in the international environment. During his career Paul has held a number of high visibility positions, including:

- **Director of Business and Channel Development – Asian Pacific Region - Ardence, Inc**
  Ardence is a worldwide provider of embedded and enterprise solutions.

- **Director of Worldwide Sales Operations - Stratus Technologies**
  Stratus is a worldwide supplier of fault tolerant computer hardware and services.

- **Worldwide Sales Operations Controller & Director of Asian Sales - Innoveda** (formerly Viewlogic)
  Innoveda is a worldwide supplier of electronic design automation software (EDA).

- **Director of Corporate Pricing and Business Analysis - Wang Labs**
  Wang was an innovator, and major worldwide supplier, of office automation systems.

It is our expectation that Paul's addition to our team will help us generate an ever increasing, and more effective, presence in the international marketplace.

Wilson Morales
~ Mobile Event and QA Expert

With several years of experience using Lynx equipment at international Athletic events in the Caribbean arena, Wilson combines an impressive understanding of the technology with a real-world grasp of the realities of event management. He has been directly involved with technology at events of the highest level: Championships of NACAC, CAC, Masters, Iberoamerican Games and Central American and Caribbean Games.

Wilson, who has an MA, comes to us from Puerto Rico, where he was working as a Professor of Physical Education. A former Track and Field and Cross Country runner from the University of PR at Bayamón, he competed in cycling and triathlon. With his knowledge of technology and his affection for sports, he will strengthen Lynx's presence in the Iberoamerican countries.

Kaprisky Santiago
~ Clerical Assistant

Kaprisky handles most of the day-to-day Lynx clerical and office duties: data maintenance, report filing, transaction processing, information collection and telecommunications response. In addition, she establishes work procedures and standards to improve efficiency and ensure compliance with established corporate standards.

Kaprisky works with the Marketing department to maintain the accuracy and integrity of our corporate database, and is a key player for the Sales teams by ensuring that all our clients requesting information on our products receive information in a timely fashion.

With a diverse background, Kaprisky is able to communicate with our South American clients and facilitate transactions done in Spanish. She is currently going to school for Business Management .

Alan Bernier
~ Domestic Sales Representative

Alan's primary responsibility will be facilitating sales to the collegiate Track and Field market and working closely with Track Designers, Architects and Scoreboard companies. With a Mechanical Engineering degree along with an MBA, he will be a knowledgeable resource for any of your technical or sales related questions.

Alan has operated Lynx Timing systems while working for Lancer Timing - a service provider based in the Northeastern United States - as well as coached high school track and cross country at Phillips Exeter Academy and Newmarket (NH) High School.

The former Wildcat standout distance runner's athletic achievements include multiple America East Conference, New England, and IC4A individual championships while competing for the University of New Hampshire.

We are certain that Alan's expertise on both sides of the camera will be an invaluable resource when it comes to finding the best solution for a customer's specific requirements.

Please join us in welcoming these newest additions to our team.

COMMENT: BRINGING THE "CUTTING EDGE" TO THE "MAINSTREAM"

Consider Lynx technology in terms of generations and users would easily note a few. Take the Lynx camera: SCSI gave way to the EtherLynx camera. The succession of the 5L100, the 5L200, and now the 5L300 camera show advances in the lineage of FinishLynx camera technology.

Alongside these camera generations have been leaps forward in the goal of "Total Event Management". Think ResulTV, Mobile Meet Management, LaserLynx, ReacTime and LynxPad as just some of the components that afford the user the ability to apply Lynx technology solutions to the needs of the individual sport, venue or event.

Each of these individual products has advanced with new versions, hardware updates and expanded application horizons to improve its place as part of a total solution for the user.

We can see generations in Lynx users as well. Just like with hardware, each generation before has had a direct impact on the next. The earliest adopters of Lynx technology brought the technology into the field, shared their knowledge and enthusiasm with Lynx and with so many others that would follow them into a Lynx solution.

WORLD RECORD TIMED WITH CAMERA FEATURED IN THE HIGH SCHOOL "SILVER PACKAGE"

Lynx Mission Statement

- To bring the technologies currently available at the highest levels of sport to a wider market.
- To overcome the problems often associated with these technologies - low reliability and high cost - via elegant product development.
- To distinguish our products as they mature by assuring superior value and constantly utilizing customer input.
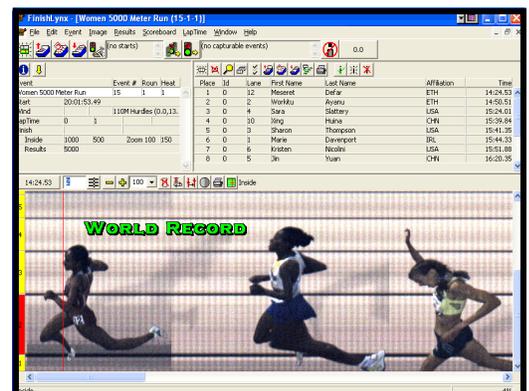
In a stunning example of the philosophy outlined above in the Lynx Mission Statement, Meseret Defar's 2006 World Record in the 5,000 meters was timed with an EtherLynx 2000 camera configuration that was exactly the same as the one included with the Lynx High School Silver Package:

- ★ Color Camera
- ★ 1000 Frames/Second
- ★ 500 pixels
- ★ Motorized Zoom Lens
- ★ Remote Positioner

Defar's World Record mark was recorded at the Reebok New York Games held in the spectacular Icahn Stadium on Randall's Island. - a state of the art facility that is equipped with the full range of Lynx Technology.

Why was the first individual track world record on US soil since 1996 recorded on the backup system? Despite the stellar field in place for the event, the Women's 5,000 meters was scheduled to take place after the "TV window" had ended, and an over-enthusiastic television worker, beginning to pack up after a long day, unplugged a whole slew of cables during the race - including the connection to the EtherLynx PRO primary camera!

Thanks to the layers of redundancy that Flash Results, the meet timers, had in place, it was a simple matter to capture the finish on the backup system and provide the IAAF with the printed proof of performance they needed to ratify Defar's new World Record.

Photograph Courtesy of Victah Sailah ~ PhotoRun

EtherLynx PRO ~ today

EtherLynx 2000 ~ 1996

SCSI Color Prototype ~ 1994

SCSI Monochrome ~ 1992

With the release of version 6.0 of FinishLynx 32, the world-leading Windows-based software moves into its second decade. Prior to the release of version 1.0 of FinishLynx 32 in December of 1996, timing software had either been DOS or Mac based.

Looking back it is hard to remember those early days when an Ethernet card was an option on a computer. The advances in Ethernet technology have come so far that the EtherLynx PRO range of cameras can now be operated wirelessly on an 802.11g network.

One major advance with version 6.0 and the PRO camera range is the dramatic improvement in image quality and the unique-to-Lynx ability to do Phased Light Compensation. PLC will revolutionize image quality from pictures with artificial lighting that is non-optimal.

Although the human eye cannot detect it, the brightness of electric lights connected to an AC supply is constantly changing. In fact, the light gets brighter and dimmer (50 times a second in some parts of the world, and 60 times in others).

Anyone who has taken FinishLynx pictures under artificial light is probably aware of the banding that is visible on the pictures as a result of the variations of light intensity. With the implementation of PLC, these bands can be reduced, or even eliminated thanks to this unique feature. (See the demonstration images below for an example of this.)

A second innovation is the introduction of the Time Trial plug-in for FinishLynx. With this plug-in an operator can assign a unique start time to each competitor - either from an external source, like a start sensor, a photoeye, a tape switch,

or even a FinishLynx camera. Coupled with design features like automatic competitor queuing, the administration - and the accurate timing - of Time Trials just got a lot easier.

There have been a couple of sport-specific enhancements to the software in response to requests from our customers. Obviously the cycling fraternity were key movers in the adoption of the Time Trial plug-in, but they were also integral in the decision to adapt the software so that non-timing cameras can now produce an order of finish in the results area.

The Regatta sports industry welcomed the Time Trial feature for Head Races, and they were also behind the request to do Automatic Lane # overlays.

Some other important new features that have been incorporated into Version 6.0 include the following:

- Print to bitmap (e.g. this will create a bitmap that looks just like the printout, with the timestripe and headings etc.)

- It is now possible to do a capture button override on the Automatic Capture feature.

- Improved integration with the AMB transponder systems, especially in Nike Team National style events. You can resend and clear data, and synchronize based on the image so that the lap time lines on the image "line up."

- FinishLynx 6.0 reports low battery conditions on the latest generation of RadioLynx units.

To get your version of FinishLynx 6.0, visit www.finishlynx.com/finishlynx

WITHOUT PHASED LIGHT COMPENSATION

WITH PHASED LIGHT COMPENSATION

LYNXPAD VERSION 3.1 ~ ADDING POWER TO SIMPLICITY

Many LynxPad Version 2.0 users will quickly discover the new features that are now a part of the program with the release of Version 3.1. Why will they find them so quickly? They asked for them. Customer feedback had a large impact on this release, from prioritizing features for this release, to tailoring functionality.

LynxPad Version 3.1 adds three huge feature sets:

1. Enhanced printing functionality - thanks to the integration of Crystal Reports® LynxPad can now produce reports in a range of formats including MS Word, MS Excel, Adobe PDF, HTML and RTF.

2. Scoreboard capability - that can send field and running event information, as well as team scores, to a huge range of compatible scoreboards.

3. Multi Event scoring - both indoor events and outdoor events: pentathlons, heptathlons and decathlons according to IAAF scoring tables.

As well as the changes in formats, you can also now preview and print a Meet Program from LynxPad. Print features include a multi-column printing in the Meet Program and the result reports. Previous versions of LynxPad only allowed the user to print one event per page and you now have the option to print a continuous report. Reports now have page number and total page information to ensure you are handing off the full report when you print a copy.

Within the reports, the user has options for how they would like the information presented – compiled by heat, publication or event order. The LynxPad user also has a range of choices on the information that can be included in published materials - team scores, show scratches, show no shows, show ReacTime, show Field Series, show Splits. No other Event Management software in this price bracket offers so much.

In response to requests from Meet Directors at some of the most prestigious events in the US and Europe, our engineers added the ability to handle a full range of Multi Events - all the way from the Weight Pentathlon to the Decathlon. Using the internationally accepted IAAF scoring algorithms, LynxPad can custom-define, administer and score all commonly contested events.

The ability to send results and scores to a scoreboard extends to LynxPad the same ability to distribute information as FinishLynx, FieldLynx and ReacTime. Compatible scoreboards range from simple flip-digit models that can show performance marks only, to the sophisticated video display capability that ResulTV provides.

What is more, it is usually possible to create a custom script for a serial-data enabled scoreboard that is not on the current list of compatible models.

Before we released this latest version, we asked our engineers to clear the 'feature request list' that we had created from customer feedback. They didn't disappoint and so the program now has some other new enhancements: customizable cross-country scoring, auto-save to prevent data loss, and the ability to purge a meet, which will enable customers to use existing meets as templates.

Despite the addition of this long list of enhancements, LynxPad has never lost sight of the criteria outlined in the original design document for a "simple, easy to use, event management software that would integrate with all other Lynx products (FinishLynx, FieldLynx, ReacTime and ResulTV) and be available in ANY LANGUAGE."

When this unique ability to handle even character-based languages like Japanese, Chinese, Korean, Arabic, etc., is coupled with the new, extensive feature list, it is easy to see why LynxPad is the new gold-standard in internationally compatible event management software.

> LynxPad has never lost sight of the criteria outlined in the original design document for a "simple, easy to use, Event Management Software that would integrate with all other Lynx products…"

New Features Include:

★ **Sophisticated Report printing**

★ **Configurable Scoreboard Interface for a wide range of boards**

★ **Cross Country Team Scoring**

★ **Decathlon, Heptathlon and Other Multi-Event Capability**

LYNX TRAINING FOR THE IAAF REGIONAL DEVELOPMENT CENTER...

For the fourth time in as many years, it was our pleasure to work with the IAAF RDC San Juan to bring together instructors from Lynx with nearly 50 attendees of the Electronic Time Keeping and Starters Seminar.

The seminar was held over three days, May 10-13, in Santo Domingo, Dominican Republic. Participants were introduced to various pieces of the Lynx technology in a lecture setting. The following day they were given hands-on experience at the track where they were able to break out into specialties.

The final session of the seminar was structured to coincide with the Felix Sanchez Grand Prix Invitational, one of the most important invitational competitions in Latin America and The Caribbean.

A wide range of topics were covered: Attendees who specialize as Starters were able to work with the Wireless ReacTime False Start System as well as the RadioLynx Wireless Start. Those whose primary focus for the seminar was Electronic Time Keeping were able to incorporate the ReacTime False Start, RadioLynx, and displays into the operation of the FinishLynx system. Training on these products was provided in both practice and in an event setting.

Everyone also had the opportunity to work with the Wireless EtherLynx PRO camera that the Lynx instructors brought to the seminar. This latest addition to the Lynx product line wowed the attendees with a picture quality and operational versatility that had never been seen before.

...AROUND THE USA, AND AROUND THE WORLD

Lynx Trainers, Rich MacMullin and Jeff Feeney, traveled to the Dominican Republic for the RDC Seminar, but that May trip was certainly not the only time they were out of the offices during the last year.

International and domestic travel for training and event support has been part of the work routine for these two. Jeff's first trip after coming to work for Lynx last fall was to go to Aruba to work with the Aruba Federation for two days of training and a third day of event supervision. With a newly refurbished facility and additional Lynx technology just added to their current setup, it was a perfect time for the Federation to have someone come in from Lynx to work with the local operators.

The impetus for organizing a session may vary but the reasoning behind it rarely does — maximizing the use of the Lynx technology through a thorough examina-

tion of the hardware and software and hands-on experience for the new operators under the supervision of a Lynx trainer. Such thinking has had Rich and Jeff traveling to High Schools, Universities and facilities in WY, VA, AZ, WV, MI, TX, WA, Egypt, and Canada.

Ideally, these training days will be followed with an event day so that the new Lynx operators could get real life experience with the technology under the guiding hand of the trainer.

Such was the case for training and event supervision at the Monte Plata Games in the Dominican Republic and two staggered training/event supervision trips for a school district in TX where a three day training session one month was followed by two days of event supervision for the regional meet they hosted that next month.

The Lynx-sponsored Dirigo Running Club from Maine placed 5th in the USA Masters Cross Country Competition held at Golden Gate Park in San Francisco, CA on December 9th 2006.

Team members (l-r) Dan Franek, Dan Dearing, Michael Payson, Pete Bottomley, Peter Hall, Todd Coffin, and Tom Ryan

Les Paul:
Ironman Extraordinaire

Convinced there was a better way to run a track meet, Les Paul, with the help and support of many others along the way, made it happen. "I am an assistant coach and my real passion is helping out the youth in our school in athletics. I coach Track, Cross Country and help with a couple of other sports as well. I have four daughters who are all involved in Track and CC and so, being the volunteering kind of parent, I was always available to be a timer or work some other area of the meets."

"You can appreciate that we have some cold springs here in Wisconsin and finding timers can be tough when the weather is bad. And parents get cold hands [so] being accurate with timing watches, staying warm, and remembering what lane that kid wearing the green singlet was in… Well, it was sometimes "not too accurate"."

"[A]ll of us timers were wishing there was an easier way. We host some bigger conference meets and State qualifying meets and I was concerned about this timing issue." A previous spring, they added a hand held video recorder to compliment the work of the hand timers. While helpful in a number of instances, this was not the final result Les wished for the athletes, the track program and the spectators.

Les first set his sights on a finish line clock so that athletes and coaches could be informed and spectators could be more involved. " I realized it would be up to me, with the help of the head coach, to make something really happen."

"So I signed up for Ironman Arizona to do a fund raiser. My goal was to buy a timing clock, but as my research advanced, I realized the FinishLynx was what I really wanted to do. What started to happen was it was becoming a project of my own and yet, it was really about the kids and doing something for all of the kids who are still around and for all of those yet to come.

"I wanted them to have the best system available to make a memorable meet. I started our Rocket TF/CC Booster Club to capture the community and the other parents to get them involved with the youth and the whole idea of running and good health."

A successful race, a successful fundraiser and a successful outdoor season with a top-of-the-line Lynx system were high-notes for Les Paul, the booster club and the team. While Les may have been the driving force, Lynx fever has taken over. Coaches and the school librarian have been trained on the system, parents have seen it first hand and two high school students run the system for the program. Les's objective of total community involvement has clearly been achieved.

Phillips Academy:
100 miles in "the cage"

The impetus behind Phillips Academy's acquisition of a FinishLynx system was Senior high-hurdler, Marty Schnure. As a talented competitor, she had encountered FinishLynx timing every year at her Conference Championship meet and knew that she wanted a system at her high school.

Despite being unable to compete during the indoor season because of a stress fracture, Schnure organized a Run-a-thon with her team to raise funds for the system.

The event was a conducted in the middle of winter as a 100 mile relay indoors in the Andover Academy Field House - a staggering 1,165 laps around the 150 yard track.

Schnure told us: "About 70 people participated. We all pitched in to bring food and drinks for everyone and we kept a tally of the laps on a big easel. We raised $4,300 altogether and then applied for a grant for the rest."

Teammates carry Captain Marty Schnure around the final lap of a 100 mile run-a-thon to raise funds to buy a Lynx system

![Lynx logo]

LYNX
Lynx System Developers, Inc.

Fast ~ Accurate ~ Universal

TIPS AND TRICKS

Tried and true – an old expression that couldn't be more appropriate to these operator tips gathered over the years from Lynx users.

Black Boxes and a White Finish Line

Want to make life even easier for your Lynx operator? Paint a crisp, bright white finish line and distinct black boxes to mark the lanes.

You have seen the finish line images on the Lynx web site, in our newsletter, perhaps even on television. Now get a step closer to having your finish line image look like those you have seen by taking note of the finish line at your venue and making a physical improvement to it that will translate directly to your use of the Lynx. Note that matte black tape or shoe polish can substitute for black paint if need be.

UPS – Uninterruptible Power Supply.

Think of it as an insurance policy to protect your cameras and computers against a blackout, brownout or that person who unplugged your main power cable by mistake. You may start to wonder why you set up a UPS at every meet only to never need it, but don't let that thought deter you. The first time the UPS saves the day, you will be glad that you were always prepared.

Keep Your Finish Line Area Clear

People will naturally gravitate towards the action at the finish line. But well meaning spectators and officials in your timing and finish line area can be a recipe for trouble.

A cable gets pulled, a tripod gets shifted, a camera gets blocked – any one of these things happening during a race and even the newest of Lynx operators can imagine the consequences.

Now think of the excitement level at the finish line during a qualifier for the Regionals or the State Meet. Eliminate these worries by maintaining a clean finish line area from the very first race.

Rope off the appropriate area for your set up with whatever means you have at your disposal – rope, flags, banners, chairs or a combination thereof to ensure a protected environment for your FinishLynx operators and equipment.