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## Celtics prove it against Heat

#### Pierce, Garnett and Rondo keep Miami from avenging April 1 loss

By ASSOCIATED PRESS

A week ago, the Boston Celtics beat the Miami Heat with defense. This time, they did it with offense

Paul Pierce scored 27 points, Kevin Garnett added 24 points BASKETBALL and nine rebounds,

and the Celtics made their first eight shots of the fourth quarter to hold off the Heat 115-107 on

Tuesday night.
Rajon Rondo posted doubledigit assists for the 18th straight game, extending the NBA's longest such streak in 20 years with an 18-point, 15-assist effort. Brandon Bass added 12 points and 10 rebounds, while Avery Bradley scored 11 for the Celtics, who shot a seasonhigh 61 percent and survived two possessions where Miami could have tied the score in the final quarter.

"We talk about it in fighting terms," Celtics coach Doc Rivers said. "We told them today before the game, you're in a boxing match, you expect to get hit. They're going to hit you. They did and we withstood it. I thought that was important for our team."

LeBron James finished with 36 points, seven rebounds and seven assists for Miami, which got 20 from Dwyane Wade and 18 from Mario Chalmers. Chris Bosh finished with 13 on 5-for-13 shooting for Miami, which has gone 5-5 in its last 10 games

The Celtics beat Miami 91-72 in Boston on April 1, a game the Heat called "unacceptable" after establishing season-lows in scoring and shooting.

This one won't sit much better with the reigning Eastern Conference champions, who ousted the Celtics in five games from last year's playoffs and could see them in the second round of the upcoming postseason. No team had shot better than 55 percent against the Heat this season, and Boston's 115 points were two shy of matching a season-high against Miami. "We left Boston feeling

awful at our performance," James said. "I don't feel as bad tonight. Those guys, they were locked in. Not only did they make their open shots, they made their contested shots. ... When you've got it going like that, just tip your hat off. We tip our hat off to them tonight. They won it."

Boston improved to 18-7 since the All-Star break, and dealt Miami a blow in the race for the No. 1 seed in the East. The Heat fell 2½ games behind Chicago, which played later Tuesday at home against the New York Knicks.

"It took a while," Rondo said, "but we're peaking at the right time."

A layup by Wade got Miami within 108-103 with 2:22 left,

before Garnett made a higharcing jumper that dropped softly through the net, his 11th make in 14 shots.

That pretty much described the night. Whenever Miami got close, the Celtics found a way to hold them off.

Everything the Celtics wanted, they got. Boston shot 61 percent in the first quarter, 62 percent in the second. Celtics coach Doc Rivers used eight players, all of them making multiple shots by halftime. Of them, the only one who failed to make at least half his shots was Bass, who more than made up for that with six first-half rebounds.

Here's how well the Celtics were shooting: Miami went into the break shooting 51 percent from the field, 60 percent from 3-point range and 78 percent from the foul line — and Boston was at least 10 percentage points better in every department.

"None of us were expecting that," Heat coach Erik Spoelstra said. "To give up 115 points on our home floor, that's not our style. And we're being made to feel uncomfortable right now. That's really the residual of the last three weeks or so. This is probably the one silver lining out of it, is our group, staff and players, we're getting to know each other now on the level that is needed for us to prepare for the playoffs.

"We all know we have to take a real big step forward as a basketball team," Spoelstra added.

The next chance for that "big step" comes on Thursday, when the Heat visit Chicago.



MIKE EHRMANN/GETTY IMAGES/AFP

Miami's LeBron James shoots over Boston's Paul Pierce during the Celtics' 115-107 victory on Tuesday. Boston improved to 18-7 since the All-Star break.

# Chen makes solid debut for Orioles

By REUTERS in Baltimore

Baltimore Orioles southpaw Chen Wei-yin opened his Major League Baseball career with a solid debut, giving up two earned runs and seven hits to the New York Yankees over five-plus innings in a narrow home defeat

BASEBALL on Tuesday.
The Tai-

wanese rookie with impressive credentials from Japan's Central League was pulled from the game with two outs in the sixth with the Orioles and the defending AL East champions locked at 4-4.

New York went on to win the game 5-4 in 12 innings with Orioles relief pitcher Pedro Strop taking the loss.

"This is a new experience to me," Chen, the first player born in Taiwan to play for the Orioles, said through an interpreter.

"I pitched in Japan before, but this is totally new. The New York Yankees are a real tough lineup and a really good team, but tonight I realized our team is better." Chen, who struck out six

while walking just one, was the victim of a costly error by third baseman Mark Reynolds in the sixth that opened the door for two unearned runs.

He threw 101 pitches, 59 of them strikes before 24,659 at Camden Yards.

"If he pitches like he did tonight, he'll have a lot of success," Orioles manager Buck Showalter said. "His changeup was a good pitch for him tonight. He did a lot of different things with the baseball.

"Once he got the ball down, he makes quality pitches. He'll get people out in America, Japan or Taiwan. He's got a good arm, good arm action on all his pitches. So far, so good."

Up to two million people were expected to watch Chen's debut on television in Taiwan, which was carried live at 7 a.m. on three networks, the Orioles said, adding that 15 members of the media from nine Taiwanese outlets attended the game.

Chen, 26, was rocked early on a chilly night in Baltimore when Yankees lead-off hitter Derek Jeter belted a 3-1 pitch over the center-field wall, the 25th time in his career the 12-time All-Star opened the game with a home run.

Nick Swisher followed Jeter's homer with a double to center but Chen, who also hit Alex Rodriguez with a pitch later in the inning, then settled down.

"To be honest with you guys, this is my first major league outing," Chen conceded to reporters. "I was so nervous. But after the first inning, everything was fine for me."

Over five seasons with the

Central League's Dragons, Chen had a 36-30 record with a 2.59 ERA, and in 2009 posted a league-leading 1.54 earned run average.

In January, the Orioles signed Chen to a three-year contract with a club option for 2015.

Showalter said Chen "pitched well, especially after the way things started".

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### Coastal city drives development with technology

By JU CHUANJIANG and WANG QIAN in Jinan

As the cities of Shandong province gear up to transform their economies through technology, the coastal city of Weihai plans to take the lead using existing advantages and favorable

Statistics show that the output value of the city's high-tech sectors totaled 176.6 billion yuan (\$28 billion) last year, a growth of 37.52 percent over 2010. The city boasted the second highest increasing speed of its output value out of 17 cities in the province.

Weihai was also ranked fourth in terms of the proportion of high-tech sector output to total output, with the sector accounting for 33.64 percent of the city's total value.

Sun Shutao, Party secretary of Weihai, attributed the growth to the city's great efforts to promote technological progress.

"Technological innovation is the lifeblood of industrial restructuring and upgrading. It provides a powerful driving force for continued economic and social development in the city," Sun said.

"We will continue to create a sound environment for technological transformation and independent innovation by setting up a batch of think tanks and more key research centers," he said.

Sun said last year the local government spent a total of 560 million yuan on technological innovation, accounting for 2.8 percent of its expenditures. It also helped local enterprises carry out 1,760 technological upgrades, with a total of 37.6 billion yuan in backing, up 24.6 percent year on year.

"Spending on research will continue to increase substantially in the future," he said.

Currently, Weihai is home to three key State-level laboratories, two engi-

neering technology research institutions, eight scientific research centers operated by enterprises, 13 public service platforms and 158 provincial research centers.

Another 20 scientific research institutions will be established this year to develop key technologies with proprietary intellectual property rights and accelerate the conversion of scientific innovation into real products, according to Gao Tongpu, director of the municipal Science and Technology Bureau.

"We encourage enterprises to develop products with their own brands instead of just serving as a manufacturing facilities for others," Gao said.

"In addition to building their own research centers, we also help enterprises increase cooperation with leading universities and research institutions both from China and abroad," he added.

Gao said a total of 13 research and

development alliances have been co-established by local businesses, world-class universities and research institutions. These have carried out more than 100 technical projects, including seven key national projects.

The alliances further enhance the city's competitiveness in developing high-tech industries, including modern equipment manufacturing, biomedicine, electronic information, new materials and energy conservation.

The city's main technological focus is on new materials, including radial tires, carbon fiber composites, magnesium and aluminum alloys, nanotechnology textiles and wearresistant materials.

The local Tuozhan Fiber Co Ltd and its Russian partners have jointly established a Sino-Russia research and development center for new materials, which was approved by Ministry of Science and Technology as the international Techno-

logical Cooperation Base.

Located in the Shandong Peninsula marine economic zone, Weihai features more than 900 kilometers of coastline and leads the province in the fields of fish farming, seafood processing and shipbuilding.

A national research center on

A national research center on shellfish, the only one of its kind in China, has been established in the city. It has achieved annual sales revenue of 50 million yuan through selling seedlings and providing services for local businesses.

Four research platforms are well under way, covering areas of ship-building, marine engineering and underwater engineering. Thanks to these platforms, three shipbuilding bases and 10 leading shipbuilding businesses have seen robust growth, which raised the city's shipbuilding capacity to 1.44 million deadweight tons last year and increased revenues to 14.5 billion yuan. Those figures are expected to increase to 5 million

deadweight tons and 40 billion yuan, respectively, by 2015.

Meanwhile, the local government has attracted a large amount of talent from home and abroad through a series of preferential policies, including startup funds, human resources support and financial services.

Sun said that those efforts will continue this year. The output value of the high-tech sector is projected to realize a year-on-year increase of 25 percent and contribute 34.6 percent of the city's GDP.

More than 60 projects in the sectors of electronic information, new materials, and biomedicine are top priorities in the innovation initiative.

Ten demonstration bases for new technology are planned and it is expected that 65 projects will be introduced from abroad.

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JU CHUANJIANG / CHINA DAILY

A worker assembles wheel hubs in a facility of Weihai Wanfeng Magnesium S&T development Co Ltd. Built using advanced new materials, the hubs will be featured in automobiles worldwide.

#### Zone strives to cash in on research resources

**By WANG QIAN** in Jinan wangqian2@chinadaily.com.cm

Officials of the Weihai High-Tech Industrial Zone in Shandong province hope to use the power of innovation to develop the area into one of China's top centers for advanced and emerging industries.

<sup>a</sup>The zone will take advantage of its high technologies, talent pool and innovative strength to foster a batch of famous brands and nurture a number of competitive enterprises," said Jiang Yuyi, director of the zone's management committee.

The 120-square-kilometer zone was established in 1991 as one of the first batch of Statelevel advanced industrial bases.

It was also one of China's seven innovative technological parks to be approved by the Ministry of Science and Technology in 2009.

To support innovation-oriented companies, the zone has unveiled a range of favorable polices, including financial services, startup funds, public information services as well as concessions on tax, rent, and the use of water and electricity.

Every year, 8 percent of the total spending of the zone is used to attract high-level professionals and improve its industries and research institutions.

A 260,000-square-meter technological incubation center has been established, with a total of 400 million yuan (\$63.4 million) in backing. The center has fos-

tered more than 230 competitive companies.

The zone is also building a service center for trade in new technologies to help commercialize research results. It has favorable policies for risk investment and marketing to ensure technological advances translate into industrial advantages.

All the efforts have paid off. Last year, the zone's total industrial sales revenue reached 46 billion yuan, 73.8 percent of which was generated by high-tech industries. A total of 49 companies became recognized as high-tech enterprises, accounting for 58 percent of the city's total.

The zone is now home to more than 70 scientific research institutes, including six national inno-

vation centers and 24 provincial ones. They have applied for 4,578 patents and carried out 690 technological achievements in total, with 78 reaching the international leading level.

These research institutes pro-

These research institutes provide a firm foundation for development in electronic information, advanced materials, services outsourcing, high-end manufacturing as well as biomedicine and medical equipment. Last year alone, the local Weigao Holding has invented 21 new products. Because of the extensive use of high technology, 16 of those products have leading positions in the domestic market, and five have reached the international level.

"We are making greater efforts to nurture high-tech industry,"

said Jiang, citing ongoing projects, including a venture capital company and 10 multinational research and development centers.

The zone's industrial sales revenue is projected to have an average annual growth rate of 15 percent and is expected to hit 80 billion yuan by 2015. The output value of the high-tech industry is expected to account for 75 percent of the zone's total industrial output value by that time.

To hit the target, the zone is looking for 100 science and technology leaders who meet both national and international standards. They are expected to hold high degrees and have extensive R&D experience in the service industry and manufacturing.