

## IN THE NEWS

VOLUME 9 ISSUE 18

SEPTEMBER 18, 2016

### World News

North Korea's successful conducted an underwater missile launch test and there are concerns the rogue nation will challenge the US in the near future [1]. Additionally, they fired three ballistic missiles with a 1,000 KM range toward the Sea of Japan [2]. Then, the communist country detonated its fifth nuclear device and claimed to have the technology to miniaturize nuclear warheads [3]. The latest explosion is the largest yet, estimated to equal 10 kilotons of TNT [4].

Meanwhile, China continues to challenge the Philippines over contested islands. Case in point, China is reported to have increased the number of ships operating in the Scarborough Shoal to include barges [5]. Some of the Chinese ships are thought to be dredges used for land reclamation [6]. What's more, Japan announced plans to join US patrols in the South China Sea [7].

Technology is the great enabler for military success. One technology of particular interest is scramjets, capable of air fueled hypersonic flight. India successfully tested a rocket assist version; however only the US and China have tested free-flying vehicles [8]. This comes after news emerged of China's DF-DZ hypersonic glide vehicle and the commitment to missile warfare with the US [9]. Additionally China successfully launched its second space station [10]. Moreover, China is militarizing their technology at a rapid pace. Case in point, Chinese General Ma Xiaotian indicated a new bomber is in development (referred to as the H-6K with an expected range of 6,000KM) [11].

1. Drew, James, Aviation Week and Space Technology, *Menacing Moves*, August 29, 2016.
2. Griffiths, James and Kwon, K.J., CNN, *North Korea fires three ballistic missiles; China opposes THAAD*, September 5, 2016.

(Continued on page 2)

### Security

The Romanian hacker known as Guccifer, was sentenced to 54 months in US prison [1]. However, he was on loan from Romania and that country wants him returned [2].

Once again the race to fix vulnerabilities continues. For instance, Google issued patches to fix 57 Android vulnerabilities [3]. Then, Microsoft released patches to fix 60 vulnerabilities [4]. Meanwhile, Adobe released

patches to fix 29 flash vulnerabilities [5].

One concern remains the insider threat. For example Wells Fargo was fined \$185 million following discovery of insiders creating unwanted accounts in customer's names [6].

1. Weiner, Rachel, and Hsu, Spencer S., Washington Post, *Hacker known as Guccifer sentenced to 52 months in prison*, Sep-

tember 1, 2016.

2. Herridge, Catherine, and Browne, Pamela K., Fox News, *Return to Sender: Hacker who exposed Clinton email sentenced; Romania wants him back*, September 2, 2016.
3. Davis, Jeremy Seth, SC Magazine, *Google patches 57 Android vulnerabilities, attempts to resolve Mediaserver attacks*,

(Continued on page 2)

#### Inside this issue:

Terrorism	3
Economy	4

#### Special points of interest:

- North Lorea detonates fifth nuclear device
- Terrorism in NJ and NY

## Security

(Continued from page 1)

September 7, 2016.

4. Olenick, Doug, SC Magazine, *Patch Tuesday: Microsoft rolls out 14 bulletins, prepares new updating system for October*, September 13, 2016.
5. Olenick, Doug, SC Magazine, *Patch Tuesday: Adobe issues fixes for 29 Flash Player vulnerabilities*, September 13, 2016.
6. Olenick, Doug, SC Magazine, *Wells Fargo Bank fined \$185M, fires 5,300 staffers over fake account scam*, September 8, 2016.

---

*As nations can not be rewarded or punished in the next world they must be in this—George Mason*

---

## World News

(Continued from page 1)

3. Fifield, Anna, Washington Post, *North Korea conducts fifth nuclear test, claims it has made warheads with 'high strike power'*, September 9, 2016.
4. Sang-Hun, Choe, and Perlez, Jane, New York Times, *North Korea Tests a Mightier Nuclear Bomb, Raising Tension*, September 8, 2016.
5. Mogato, Manuel, Reuters, *Philippines worried, says more Chinese boats spotted at disputed shoal*, September 4, 2016.
6. Perlez, Jane, New York Times, *New Chinese Vessels Seen Near Disputed Reef in South China Sea*, September 5, 2016.
7. Jozuka, Emiko, CNN, *Japan to join US in South China Sea patrols*, September 16, 2016.
8. Warwick, Graham, Aviation Week & Space Technology, *Hypersonic Ambitions*, September 12, 2016.
9. Gertz, Bill, Asia Times, *China gears up for missile warfare with US*, August 24, 2016.
10. BBC News, *China launches second trial space station*, September 15, 2016.
11. Perrett, Bradley, Aviation Week & Space Technology, *Sino-Bomber*, September 12, 2016.

## Terrorism

Once again, terrorism found its way to the United States. In New York City, a dumpster explosion injured 29 people [1]. Later a second device found several block away that was described as a pressure cooker with wires and a cell phone attached [2]. Earlier in the day (September 17), a Marine Corps charity was cancelled following a pipe bomb that exploded in a garbage can [3]. The charity run was initially delayed and consequently, the area was vacant of people [4]. Had the race been not had a 30 minute delay, the explosion would have been at the 0.7 mile mark from the start and finish line, at a time when many people would be at risk [5]. As we reflect on the events in New York and New Jersey, consider that many of the war torn areas around the world started with small number of terrorist attacks. Unfortunately, those locations never improved. For instance, in the

Syrian war zone, a series of bomb blasts killed at least 43 people [6].

Meanwhile terrorist organizations continue to expand. For example, the Taliban continue to expand their influence. In Afghanistan, Taliban terrorists used bombs in Kabul to kill nearly two dozen people [7]. Moreover, a Taliban splinter group claimed responsibility for a suicide bomb attack in Pakistan that killed at least 16 people [8].

1. Haddad, Rim, AFP, *String of bomb blasts across Syria, at least 43 killed*, September 5, 2016.
2. Popalzai, Ehsan, CNN, *Third bomb strikes Kabul, Afghanistan*, September 5, 2016.
3. Shah, Zahir, et. al., CNN, *Pakistan mosque: Suicide attack leaves 16 dead*, September 16, 2016.
4. Celona, Larry, et. al., New York Post, *Dumpster bomb rocks Chelsea, injuring*

29; second device found nearby, September 17, 2016.

5. Funk, Larry, Fox 5 News, *Dozens hurt in Manhattan explosion; 2nd device found*, September 18, 2016.
6. Prokupecz, Shimon, et. al., CNN, *Bomb explodes near Marine Corps race in New Jersey*, September 17, 2016.
7. CBS New York/AP, *FBI Takes Over Investigation Into Seaside Park Blast*, September 17, 2016.
8. Ingram, David, Reuters, *Pipe bombing at New Jersey race probed as possible terrorism*, September 17, 2016.

---

*Great is the guilt of an  
unnecessary war—John  
Adams*

---

# Economy

In another example of unfair trade, the Chinese government provides direct funding to develop its industry. For instance, China's state owned Aero-Engine Group received funds to develop aircraft engines in order to compete globally [1].

On the jobs front, Walmart plans to cut 7,000 jobs [2]. Then Ford announced plans to move all small car production to Mexico [3].

For the week ending August 27, the number of first time unemployment claims reported by the Labor Department was 263,000 [4]. Then for the following week, the number was 259,000 [5]. Finally, for the week ending September 10, the number reported was 260,000 [6].

1. BBC News, *China launches own aircraft engine-maker to rival the West*, August

29, 2016.

- 2. Wahba, Phil, *Fortune*, *Why Walmart Is Cutting 7,000 Jobs at Its Stores*, September 1, 2016.
- 3. Reuters/CNBC, *Ford to move all small-car production to Mexico from US: CEO*, September 15, 2016.
- 4. Laya, Patricia, *Bloomberg*, *Jobless Claims in U.S. Increased Less Than Forecast Last Week*, September 1, 2016.
- 5. CNBC/Reuters, *US weekly jobless claims total 259,000 vs 265,000 estimate*, September 8, 2016,
- 6. Leubsdorf, Ben, *Wall Street Journal*, *U.S. Jobless Claims Ticked Up Slightly*, September 15, 2016.

---

*Always mystify, mislead  
and surprise the enemy if  
possible—Stonewall Jackson*

---