

# Novel Coronavirus Webinar Outline

## **1. What is the Novel Coronavirus 2019?**

- a. The virus
- b. Transmission
- c. Prevention

## **2. Why is the response different for this Novel Coronavirus 2019?**

## **3. How to Establish Basic FACTS**

## **4. Recommended Practices**

- a. Recommended changes to operations
- b. Considerations / recommendations if an employee or customer is suspected of having the Novel Coronavirus 2019
- c. Specific Information / recommendations for those that may be asked to operate repatriation operations

## **5. Communication Considerations**

- a. Internal
- b. External

## **6. What to Expect from Governments**

# What is nCoV?

1. December 2019 a cluster of pneumonia cases in China
2. Investigation found it was caused by previously unknown virus – now named 2019 Novel Coronavirus
3. Large group of Viruses - generic material, surrounded by an envelope with protein spikes, hence the name Corona (Latin for crown)
4. Different types - Respiratory to Gastrointestinal;
  - a. Respiratory range from Common Cold to Pneumonia
  - b. Most are mild
  - c. Severe
    - i. SARS CoV first in China in 2003 – Civet Cates
    - ii. MERS CoV first in Saudi Arabia 2012 – Camels
    - iii. nCov first in China 2019 – Unknown

# Why is the response different for this Novel Coronavirus 2019?

1. Virus is spreading much more readily than other coronaviruses that have jumped from animals to people
2. No known pre-existing immunity (Older people may have had some immunity to H1N1 from exposure to earlier similar virus)
3. Infection rate - FLU infection spread was 1 sick person would infect 1.5; for this virus some reports have it at 2 to 4 people
4. Stopping the spread requires identifying and isolating those who are infected
  - a. People might be infectious with only mild symptoms