DEFENCE AND SPACE
Intelligence

Catching Drug Traffickers using a Combination of Satellite and Aircraft

Case Study

Challenge

To identify suspected boat and confirm illegal activity.

Solution and Results

Efficient daily monitoring of suspected boat using maritime patrol aircraft and satellites to analyse route and optimise prediction.

Benefits

Budget optimisation: the combination of aircraft and satellites reduce mission budget to one third of cost.

AIRBUS

Challenge

To identify suspected boat and confirm illegal activity.

Solution and Results

Daily monitoring of suspected boat using maritime patrol aircraft and satellites.

Detection and Classification

November 19, 12h59 UTC

- 24 boats detected
- 2 boats fit the description

Identification

November 22, 12h00 UTC
Validation of the hypothesis

Analysis

- Abnormal behaviour of boats in trailer mode
- Cap, course, speed analysed to predict next position

Monitoring

November 23, 13h16 UTC
Boats changing cap

Analysis

- Abnormal activity confirmed
- Cap, course, speed analysed to predict next position

Interception

November 24, 13h08 UTC

Analysis

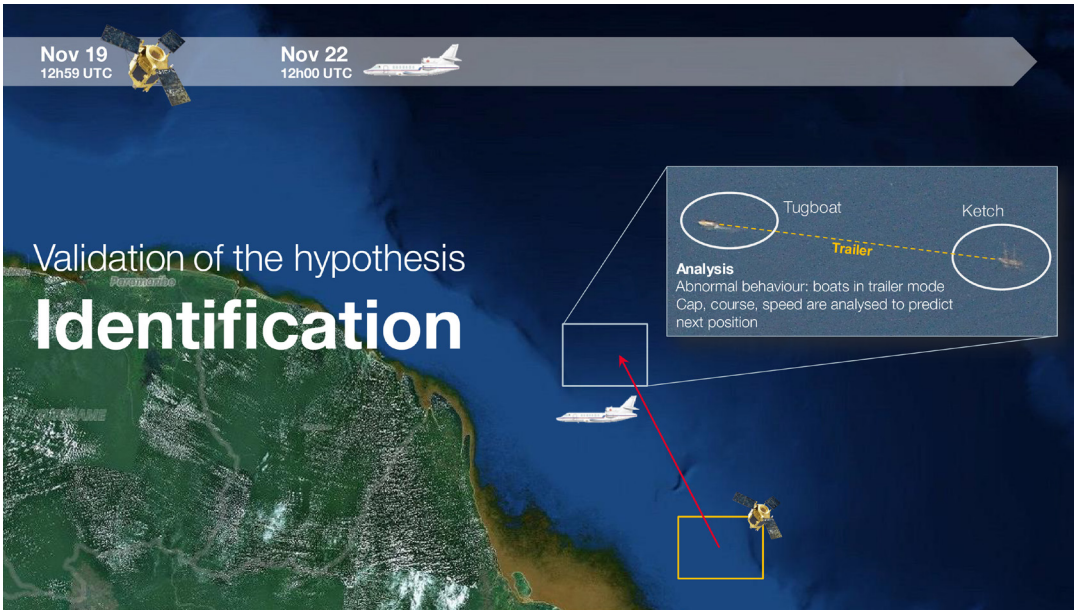
- Cap, course, speed analysed
- Cap ahs changed, critical time to launch the arrest

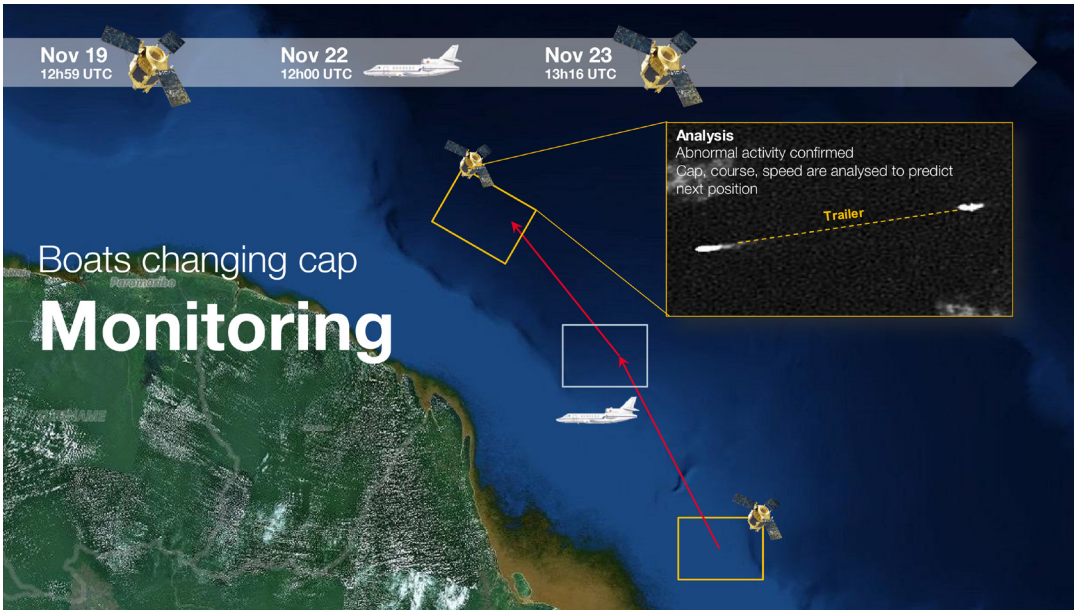
Outcome

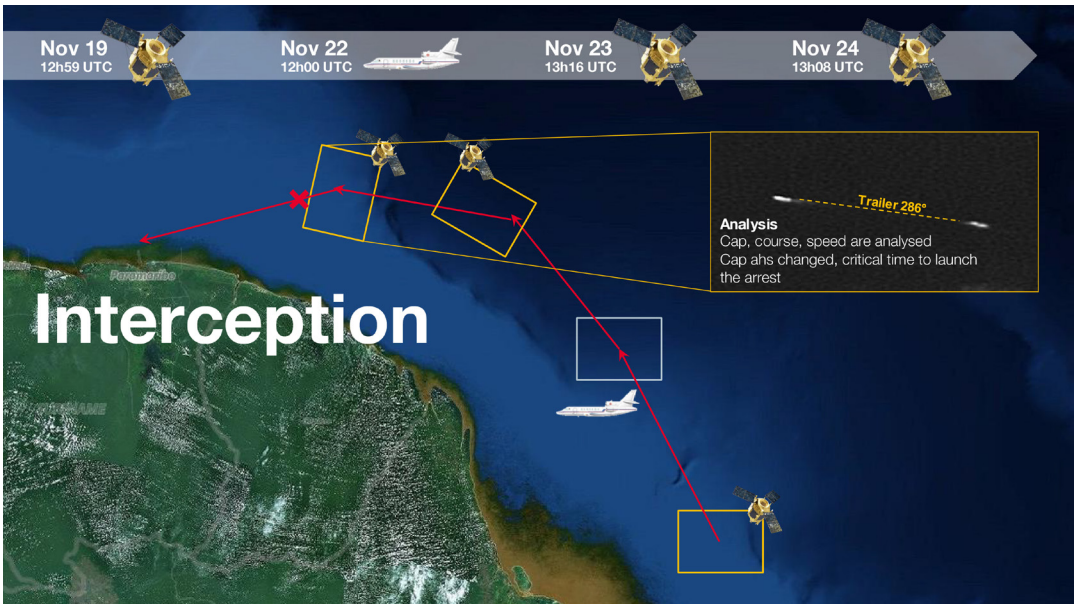
Surinam, French customs seize 552kg of cocaine on a sailboat. This illustrates the importance of international cooperation in the fight against drug trafficking.

Benefits

Combined use of aircraft and satellites reduces mission budget to one third of the cost.







Airbus
Australia, Brazil, China, Finland, France, Germany, Hungary, Singapore, Spain, United Kingdom, United States

@AirbusSpace
www.intelligence-airbusds.com

This document is not contractual.
Subject to change without notice.
© JordiStock, iStock
© 2017 Airbus DS.
All rights reserved.

AIRBUS