

Satellite Sentinel Project

CONVOY: EVIDENCE OF HEAVY MILITARY ACTIVITY IN KADUGLI, SOUTH KORDOFAN

HUMAN SECURITY ALERT: APPARENT SAF TROOP MOVEMENT

PREPARED BY



Harvard
Humanitarian
Initiative

6 JULY 2011

Satellite Sentinel Project (SSP) has identified through analysis of DigitalGlobe satellite imagery captured on 4 July 2011 an apparent Sudan Armed Forces (SAF) convoy travelling through Kadugli town consistent with an at least regiment-sized unit, which is equal to approximately 1000 troops. The convoy is at least 2km in length, and could be potentially longer. There are at least 80 vehicles visible in the apparent convoy, including 49 light vehicles, cargo trucks, a vehicle consistent with a fuel or water tanker, heavy transports and towed artillery. The convoy is of significant size and appears to be heading to the north, though its origin, destination and total length remains unknown.

Additionally, a heavy transport plane consistent with an Ilyushin 76 (Il-76) is visible on 4 July at the Kadugli airstrip with a mass of people and/or material gathered near the plane. Two helicopters consistent with Hind Mi-24 helicopter gunships and a plane consistent with an Antonov 24/26 are visible as well. To the west of Kadugli, a known SAF installation has apparently been recently fortified and multiple occupied and unoccupied artillery firing positions are visible.

The recent improved fortifications and significant movement of troops, vehicles, and aircraft are occurring as fighting between the SAF and the Sudan People's Liberation Army (SPLA) has been reported in the vicinity of Kadugli in the past week. Battles have reportedly occurred between the two forces west of Kadugli at Kahliat, southeast of Kadugli at Al Hamra, and elsewhere in the vicinity since 30 June.

ABOUT THE PROJECT

Satellite Sentinel Project conducts regular, intensive monitoring of Sudan to assess the current human security situation and identify potential threats to civilians.

Analysis prepared by Harvard Humanitarian Initiative.
Imagery and additional analysis provided by DigitalGlobe.



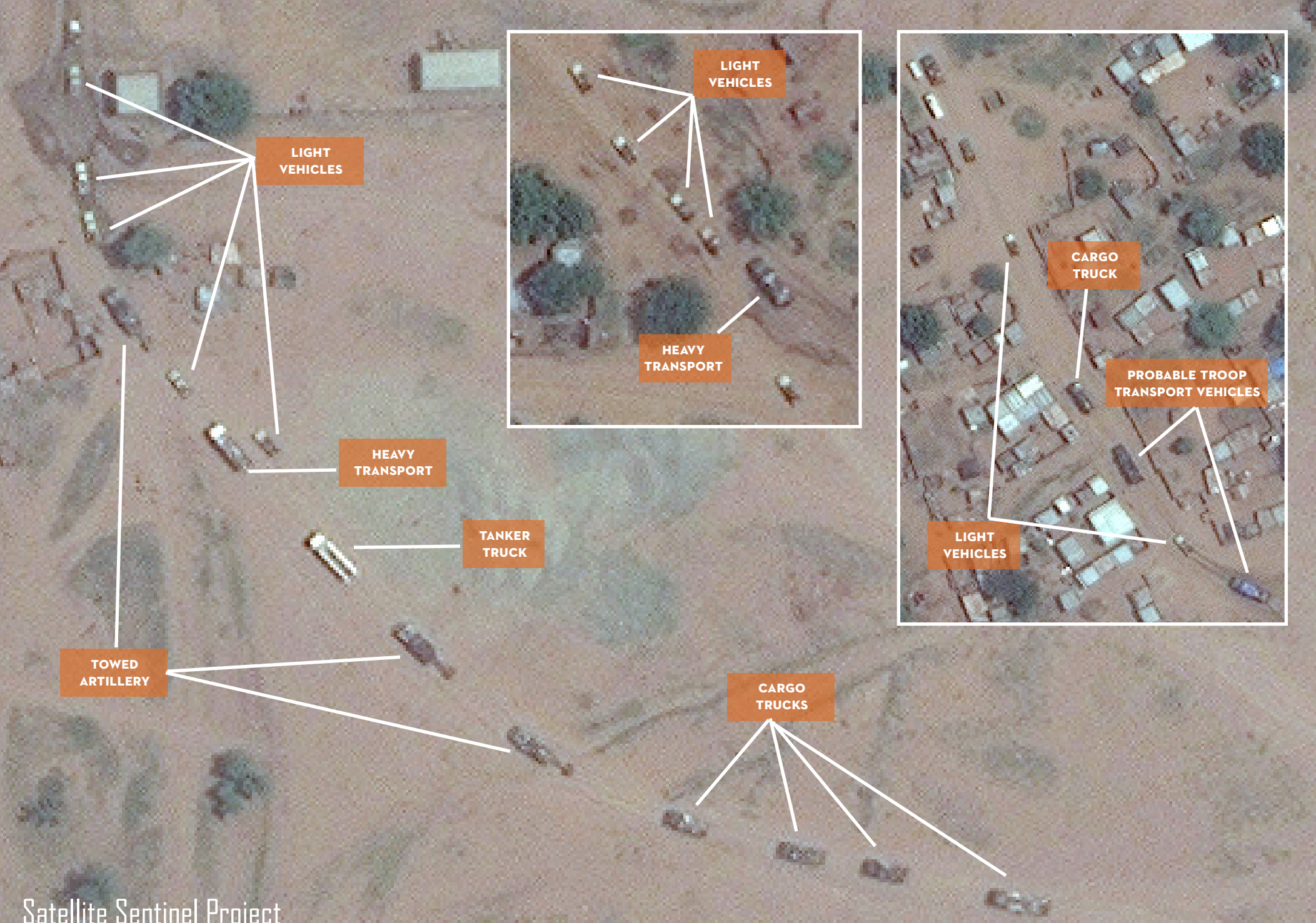
32 LIGHT VEHICLES
CONSISTENT WITH
APPROXIMATELY 1
BATTALION-SIZED FORCE

CARGO TRUCKS,
TOWED ARTILLERY

17 LIGHT VEHICLES VISIBLE

APPARENT SAF CONVOY STRETCHES OVER 2 KILOMETERS

A vehicle formation stretching at least two (2) kilometers, consistent with an at-least regiment-sized convoy, was seen moving north through Kadugli town on 4 July 2011. Vehicles seen include 49 light vehicles (32 at the fore, 17 toward the rear), cargo trucks, heavy transports and towed artillery. In total, this convoy's size and composition appears consistent with at least a regiment of SAF forces, or roughly 1,000 troops.



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4 JULY 2011 | FIG 2
TOWED ARTILLERY, TRANSPORT VEHICLES | KADUGLI, SOUTH KORDOFAN

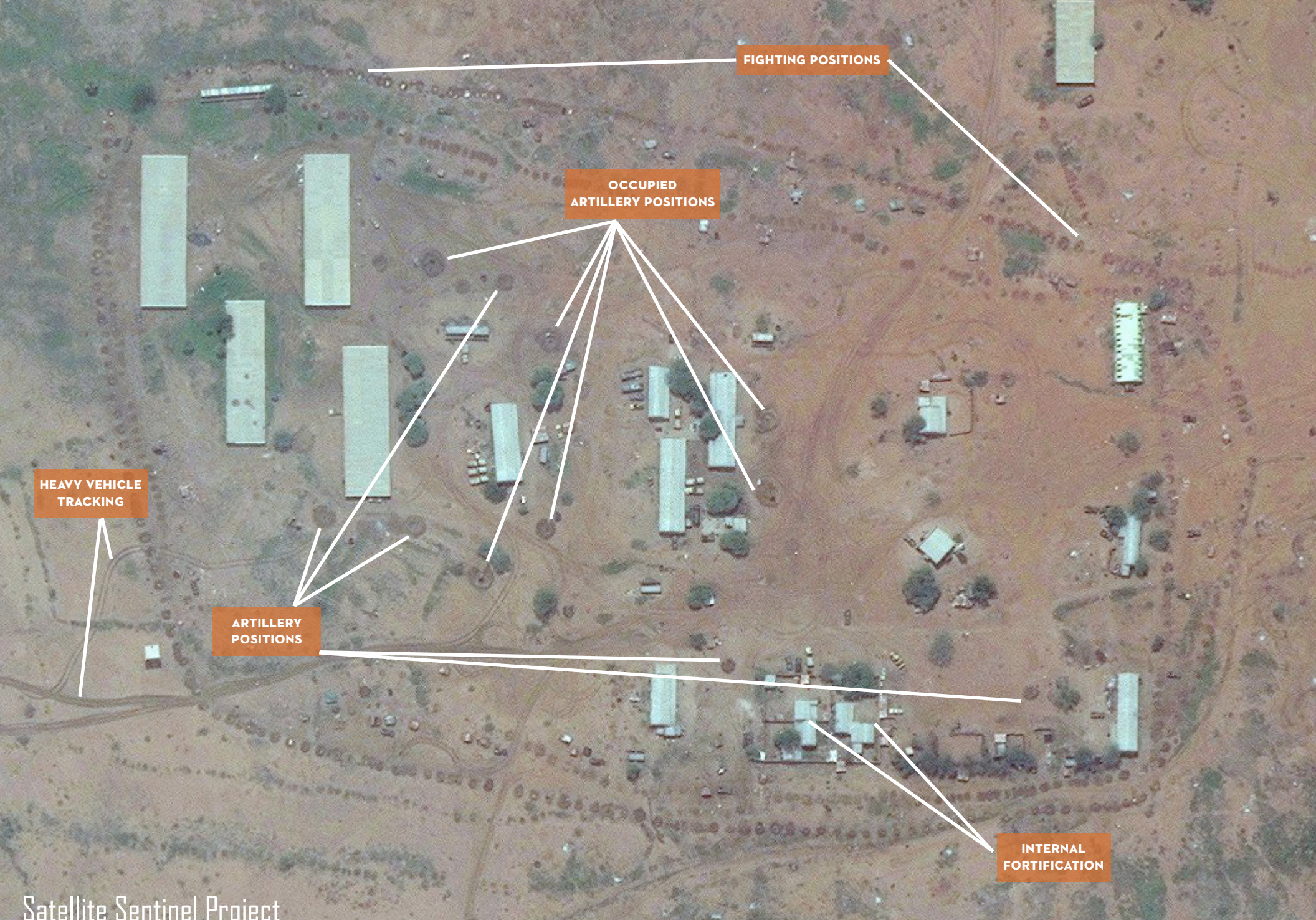


PLANE
CONSISTENT WITH
ANTONOV AN-24/26

HELICOPTERS
CONSISTENT WITH
MI-24 HIND

MASS OF PEOPLE AND/OR
MATERIAL LOADING OR
UNLOADING FROM PLANE

CARGO PLANE
CONSISTENT WITH
ILYUSHIN IL-76



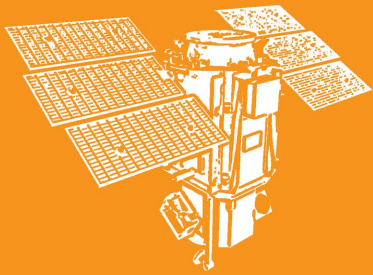
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4 JULY 2011 | FIG 4
SAF RECENTLY FORTIFIED, ARMED COMPOUND WEST OF KADUGLI | KADUGLI, SOUTH KORDOFAN



Satellite Sentinel Project

ABOUT THE PROJECT AND THE PARTNERS

THE WORLD IS WATCHING BECAUSE YOU ARE WATCHING.

The Satellite Sentinel Project – conceived by George Clooney – combines satellite imagery analysis and field reports with Google's Map Maker technology to deter the resumption of war between North and South Sudan. The project provides an early warning system to deter mass atrocities by focusing world attention and generating rapid responses on human rights and human security concerns.

This project is the result of an unprecedented collaboration between Not On Our Watch, the Enough Project, Google, DigitalGlobe, the Harvard Humanitarian Initiative, and Trellon, LLC.

The project works like this: Commercial satellites passing over the border of northern and southern Sudan are able to capture possible threats to civilians, observe the movement of displaced people, detect bombed and razed villages, or note other evidence of pending mass violence.

Google and Trellon design the web platform for the public to easily access the images and reports. Harvard Humanitarian Initiative provides system-wide research and leads the collection, human rights analysis, and corroboration of on-the-ground reports that contextualizes the satellite imagery. The Enough Project contributes field reports, provides policy analysis, and, together with Not On Our Watch, and our Sudan Now partners, puts pressure on policymakers by urging the public to act. DigitalGlobe provides satellite imagery and additional analysis.

The Satellite Sentinel Project marks the first sustained, public effort to systematically monitor and report on potential hotspots and threats to security along a border, in near real-time (within 24-36 hours), with the aim of heading off humanitarian disaster and human rights crimes before they occur.

Not On Our Watch – co-founded by Don Cheadle, George Clooney, Matt Damon, Brad Pitt, David Pressman, and Jerry Weintraub – has provided seed money to launch the project. To support the Satellite Sentinel Project, donate at www.satsentinel.org.

Press Inquiries: Contact Jonathan Hutson at jhutson@enoughproject.org | 202.386.1618



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