

■ CUBA TRAFFIC INTELLIGENCE REPORT

Open Source Intelligence (OSINT) — Sea + Air Traffic, Sanctions & Pattern Monitoring

Report Date: 2026-05-16 | Generated: 2026-05-16 07:40 UTC | Classification: OSINT / UNCLASSIFIED

■■ TOP HEADLINE — Latest scan ■■ DOJ to indict Raúl Castro for 1996 Brothers to the Rescue
shootdown — unsealing expected Miami May 20, 2026

36

Oil/Cargo Vessels

17

Sanctioned Vessels

23

CRITICAL Risk

346

Vessel Movements

21

Military Vessels

17

Aircraft Tracked

16

Open Patterns

■■ DOJ → Raúl Castro criminal indictment May 20 | ■■ SEA HORSE East Med/Malta (NOT Cuba) | ✈ ■ Conviasa YV3535
HAV↔CCS confirmed May 13+15 | ■ Cuba total fuel exhaustion | ■ Ratcliffe HAV visit + USD 100M aid accepted | ■
UNIVERSAL stalled NW Atlantic 10d | ■ MQ-4C BLKCAT5 4th Cuba ISR sortie | ■ Scan: 2026-05-16 Mode A

1. EXECUTIVE SUMMARY

■ DOJ to indict Raúl Castro for 1996 Brothers to the Rescue shutdown — unsealing expected Miami May 20, 2026

This report tracks 36 maritime vessels (sea), 17 aircraft (air) and 16 open cross-modal pattern alerts. 17 oil/cargo vessels and 4 aircraft carry confirmed sanctions. Of the 16 patterns, 9 are CRITICAL and 5 HIGH severity. Cuban military fleet (Marina de Guerra Revolucionaria) coverage: 21 vessels.

Highest-priority maritime threat at scan time: SANDINO (IMO 9441178) — sanctioned by OFAC (USA). See section 3 and Active Threats tab for full status.

Most recent enforcement event (2026-03-20): DEYNA. French Navy seized dark fleet tanker DEYNA near Algeria in joint operation with British allies. Vessel was en route from Murmansk to Port Said carrying sanctioned cargo. Intercepted in Alboran Sea/Mediterranean. 8th dark fleet seizure in enforcement campaign.

Most recent infrastructure event (2026-05-15): Cuba national power grid collapses May 14-15 2026: eastern provinces fully blacked out. Record deficit: 2,113 MW shortfall (1,230 MW available vs 3,350 MW demand). Energy Minister: 'absolutely no fuel, no oil, no diesel.' UNIVERSAL tanker still adrift NW Atlantic with 270K bbls d

■ DOJ → Raúl Castro criminal indictment May 20 | ■ SEA HORSE East Med/Malta (NOT Cuba) | ✕ Convasa YV3535 HAV↔CCS confirmed May 13+15 | ■ Cuba total fuel exhaustion | ■ Ratcliffe HAV visit + USD 100M aid accepted | ■ UNIVERSAL stalled NW Atlantic 10d | ■ MQ-4C BLKCAT5 4th Cuba ISR sortie | ■ Scan: 2026-05-16 Mode A

2. CURRENT OPERATIONAL ENVIRONMENT

■ Latest Infrastructure Event — 2026-05-15	Cuba national power grid collapses May 14-15 2026: eastern provinces fully blacked out. Record deficit: 2,113 MW shortfall (1,230 MW available vs 3,350 MW demand). Energy Minister: 'absolutely no fuel, no oil, no diesel.' UNIVERSAL tanker still adrift NW Atlantic with 270K bbls diesel — has not arrived. Havana blackouts exceed 24 consecutive hours. US \$100M aid offer accepted as emergency measure.
■ Enforcement Activity (last 90 days)	4 seizure events recorded. See section 4 for full timeline.
■ Maritime AIS Anomalies (last 90 days)	58 dark-vessel events, 35 AIS spoofing detections. Indicates active sanctions-evasion tradecraft in tracked corridors.
■ Air Activity Pulse (last 30 days)	15 state-aircraft arrivals/departures observed; 12 military/loiter/UAV/transponder-off events. See sections 9.5 and the dashboard 'Patterns' tab for cross-modal alerts.
■ [CRITICAL] STATE_AIR_PARRTNER_SHUTTLE	Recurring HAV↔CCS state shuttle (16×)
■ [CRITICAL] UAV_PATROL_OBSERVED	MQ-4C Triton recurring loiter near Cuban EEZ (9×)

3. VESSEL INTELLIGENCE REGISTRY

36 oil/cargo vessels of intelligence interest tracked. Sorted by risk level (CRITICAL → LOW). Sanctioned vessels marked ■. See Section 3.3 for Cuban Military Fleet order of battle.

#	Vessel Name	IMO	Type	Flag State	Risk	Sanctions
1	AKADEMIK GUBKIN	9842190	Crude Oil Tanker	Russia	■ CRITICAL	■ SANCTIONED
2	ANATOLY KOLODKIN	9610808	Crude Oil Tanker	Russia	■ CRITICAL	■ SANCTIONED
3	AQUILA II	9281152	Suezmax Crude Oil Tanker	Panama (False Flag)	■ CRITICAL	■ SANCTIONED
4	DEYNA	9299903	Crude Oil Tanker	Mozambique (false flag / linked to Russia)	■ CRITICAL	■ SANCTIONED
5	ENIGMA	N/A	Crude Oil Tanker	Unknown	■ CRITICAL	■ SANCTIONED
6	EQUALITY	N/A	Oil Products Tanker	Unknown (Non-Cuban tricolor flag)	■ CRITICAL	✓ CLEAR
7	ESPERANZA	N/A	Crude Oil Tanker	Cuba	■ CRITICAL	✓ CLEAR
8	GRINCH	N/A	Crude Oil Tanker	Russia (false flag)	■ CRITICAL	■ SANCTIONED
9	M SOPHIA	9289477	Crude Oil Tanker	Panama (False Flag)	■ CRITICAL	■ SANCTIONED
10	MARIA CRISTINA (ex-CARLOTA C)	9502453	Chemical/Oil Products Tanker	Cuba	■ CRITICAL	■ SANCTIONED
11	MARINERA (ex-BELLA 1)	N/A	Crude Oil Tanker	Russia (False Flag)	■ CRITICAL	■ SANCTIONED
12	OLINA	N/A	Crude Oil Tanker	Unknown / False Flag	■ CRITICAL	■ SANCTIONED
13	PETION	9295098	Products Tanker	Panama	■ CRITICAL	■ SANCTIONED
14	SAGITTA	9296822	Aframax Crude Oil Tanker	Marshall Islands (False Flag)	■ CRITICAL	■ SANCTIONED
15	SANDINO	9441178	Chemical/Oil Products Tanker	Cuba	■ CRITICAL	■ SANCTIONED
16	SKIPPER (ex-ADISA)	N/A	Crude Oil Tanker (Supertanker)	Guyanese (False Flag)	■ CRITICAL	■ SANCTIONED
17	UNIVERSAL	9384306	Crude Oil Tanker	Russia	■ CRITICAL	■ SANCTIONED

18	VERONICA	9256860	Crude Oil Tanker	Guyana (False Flag)	■ CRITICAL	■ SANCTIONED
19	ALICIA	N/A	Products Tanker	Cuba	■ HIGH	✓ CLEAR
20	ETHERA	N/A	Crude Oil Tanker	Guinea (falsified)	■ HIGH	■ SANCTIONED
21	EUGENIA GAS	8813099	LPG Tanker	Belize (formerly Liberian)	■ HIGH	✓ CLEAR
22	LPG C PASTORITA	9034729	LPG Tanker	Cuba	■ HIGH	✓ CLEAR
23	MARLIN AMMOLITE	N/A	Products Tanker	Cuba	■ HIGH	✓ CLEAR
24	NICOS IV (NICOS I.V.)	9103843	Oil/Chemical Tanker	Saint Vincent and the Grenadines	■ HIGH	✓ CLEAR
25	OCEAN INTEGRITY	N/A	Products Tanker	Cuba	■ HIGH	✓ CLEAR
26	PRIMULA	N/A	Products Tanker	Cuba	■ HIGH	✓ CLEAR
27	SANDINO (Coastal variant / YELNYA)	N/A	Offshore Oil Tanker	Russia	■ HIGH	✓ CLEAR
28	SEA HORSE	9262584	Products Tanker	Hong Kong	■ HIGH	✓ CLEAR
29	VILMA	N/A	Crude Oil Tanker	Cuba	■ HIGH	✓ CLEAR
30	BELGIN SULTAN	N/A	Floating Power Plant	Turkey	■ MEDIUM	✓ CLEAR
31	GAS EXELERO	N/A	LPG Tanker	Cuba	■ MEDIUM	✓ CLEAR
32	GRETA	N/A	Container Ship	Belize	■ MEDIUM	✓ CLEAR
33	LPG EMILIA	N/A	LPG Tanker	Cuba	■ MEDIUM	✓ CLEAR
34	LEMLAND	N/A	General Cargo Ship	Unknown	■ LOW	✓ CLEAR
35	MEXICO HUMANITARIAN AID SHIP 6	N/A	Auxiliary/Cargo (Humanitarian)	Mexico	■ LOW	✓ CLEAR
36	SEABOARD GALAXY	9970959	Container/Reefer Ship	USA	■ LOW	✓ CLEAR

3.1 CRITICAL RISK VESSEL PROFILES

■ VESSEL #1: AKADEMIK GUBKIN

■ SANCTIONED

IMO Number	9842190	MMSI	273616040
Vessel Type	Crude Oil Tanker	Flag State	Russia
Built	2023	DWT	114,000
Registered Owner	JSC Rosneftflot (subsidiary of PJSC Rosneft)	Operator	JSC Rosneftflot
Sanctioned By	OFAC (USA)	Sanction Date	2025-01-10
Risk Level	CRITICAL		

■ Sanction Reason: Property of sanctioned Rosneft Oil Company; transporting sanctioned Russian crude to Cuba

■ Intelligence Notes: [2026-05-15 23:10 UTC] AIS: DARK 4 days | Pos: East Asia | Speed: 0.8kn | Draught: 13.6m LOADED | Dest: FOR ORDERS | ETA: Sep 5 (112 days) | Last port: Nakhodka STS Offshore Russia (ATA May 5 03:27, ATD May 5 06:56, 3.5h stay) | Sanction: EU/UK/US | Assessment: LOADED with Russian crude, likely heading to China or India | NOT currently destined for Cuba — ETA Sep 5 is placeholder | Nakhodka STS = received cargo via ship-to-ship, then headed eastward | Source: VesselFinder 2026-05-15 23:10 UTC

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/shipid:7936025/vessel:AKADEMIK+GUBKIN>

■ VESSEL #2: ANATOLY KOLODKIN

■ SANCTIONED

IMO Number	9610808	MMSI	273253130
Vessel Type	Crude Oil Tanker	Flag State	Russia
Built	2013	DWT	118,316
Registered Owner	Sovcomflot / Russian Government	Operator	Sovcomflot
Sanctioned By	EU, UK (OFSI), US (OFAC)	Sanction Date	2024-11-25
Risk Level	CRITICAL		

■ Sanction Reason: Russian Shadow Fleet - illicit oil transport operations circumventing sanctions on Russia

■ Intelligence Notes: [2026-05-16 UTC] AIS: 31h old (intermittent) | Pos: North Russia / Barents Sea ~69.75N 35.49E near Murmansk | Speed: 1.3 kn (anchored) | Draught: 8.5m (ballast - offloaded) | Dest: FOR ORDER | Last port: Ust-Luga Anch. Russia (departed Mar 6, 72 days ago) | Cuba cycle: delivered ~730K bbls Matanzas Mar 31; returned to Arctic awaiting next orders. Sanctioned EU/UK/OFAC. | Source: VesselFinder 2026-05-16

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/shipid:5090590>

■ VESSEL #3: AQUILA II

■ SANCTIONED

IMO Number	9281152	MMSI	N/A
Vessel Type	Suezmax Crude Oil Tanker	Flag State	Panama (False Flag)
Built	2004	DWT	115,000

Registered Owner	Unknown Beneficial Owner	Operator	Unknown
Sanctioned By	OFAC (USA)	Sanction Date	2022-09-15
Risk Level	CRITICAL		

■ Sanction Reason: Dark fleet; illicit crude oil transport; AIS spoofing; extended dark activity

■ Intelligence Notes: [2026-05-15 14:13 UTC] AIS: NO LIVE CHECK (Mode C sandbox) | AQUILA II — SEIZED Indian Ocean 2026-02-09 INDOPACOM (prior status holds, no new May signal) | Source: WebSearch fallback.

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/imo:9281152>

■ VESSEL #4: DEYNA

■ SANCTIONED

IMO Number	9299903	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Mozambique (false flag / linked to Russia)
Built	—	DWT	80,000
Registered Owner	Unknown (Russian shadow fleet linked)	Operator	Unknown
Sanctioned By	France/EU	Sanction Date	—
Risk Level	CRITICAL		

■ Intelligence Notes: [2026-05-15 17:30 UTC] AIS: NOT RECEIVED 3 days | Reported area: South Africa | Course: 137° SE-bound | Speed: 6.9 kn | Draught: 14.0m (heavily loaded) | Last port: Fos-sur-Mer, France ATD Apr 15 | Mozambique flag. EU/UK/OFAC sanctioned. Med→South Africa transit — NOT Cuba-bound. | Source: VesselFinder IMO 9299903

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/imo:9299903>

■ VESSEL #5: ENIGMA

■ SANCTIONED

IMO Number	N/A	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Unknown
Built	—	DWT	—
Registered Owner	Unknown	Operator	Unknown
Sanctioned By	US/EU/UK	Sanction Date	—
Risk Level	CRITICAL		

■ Sanction Reason: Shadow fleet tanker

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. [2026-04-28 13:00 UTC] Cameroon-flag shadow fleet tanker IMO 9333412. Loaded Ust-Luga Mar 21. Escorted English Channel Apr 8-9. Sanctions: OFAC/EU/UK. CRITICAL.

■ VESSEL #6: EQUALITY

✓ CLEAR

IMO Number	N/A	MMSI	N/A
Vessel Type	Oil Products Tanker	Flag State	Unknown (Non-Cuban tricolor flag)
Built	—	DWT	—
Registered Owner	Unknown	Operator	Unknown
Sanctioned By	None	Sanction Date	—
Risk Level	CRITICAL		

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. [2026-04-10 13:00 UTC] Position: 22.13°N 80.49°W (Cienfuegos Anchorage) | Speed: 0.0 kn | Draught: 8.0m (LOADED) | Status: At Anchor | AIS: ACTIVE. Present at Cienfuegos since discovery Mar 29 scan. Floating storage. No change. Source: MarineTraffic

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/home/shipid:715991>

■ VESSEL #7: ESPERANZA

✓ CLEAR

IMO Number	N/A	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Cuba
Built	—	DWT	—
Registered Owner	Cuban State (CUPET/GAESA)	Operator	Cuban State
Sanctioned By	None	Sanction Date	—
Risk Level	CRITICAL		

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. [2026-05-09 UTC] Position: 22.15°N 80.49°W Cienfuegos Anchorage | Course: 0° | Speed: 0 kn | Draught: 8m | AIS: ACTIVE (21 min ago, terrestrial) | Nav Status: At Anchor | ATA: 2026-02-15 09:43 | Status: Cuban crude oil tanker anchored in Cienfuegos Bay since Feb 15 - nearly 3 months. 8m draught suggests partially loaded. Likely serving as floating storage given Cuba's inability to process/distribute fuel. One of only 2 tankers visible in all Cuban waters. | Source: MarineTraffic

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/home/shipid:214577>

■ VESSEL #8: GRINCH

■ SANCTIONED

IMO Number	N/A	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Russia (false flag)
Built	—	DWT	—
Registered Owner	—	Operator	—
Sanctioned By	EU/France	Sanction Date	2026-01
Risk Level	CRITICAL		

■ Sanction Reason: Russian shadow fleet tanker, sanctions evasion

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. [2026-03-29 13:13 UTC] SEIZED January 2026 by French Navy — first European seizure of Russian shadow fleet tanker. Carrying Russian crude in violation of EU sanctions. France was first EU nation to detain shadow fleet tanker. Preceded Belgium/France Operation Blue Intruder (ETHERA, March 1 2026). Source: USNI News 2026-03-02

■ VESSEL #9: M SOPHIA

■ SANCTIONED

IMO Number	9289477	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Panama (False Flag)
Built	2004	DWT	21,500
Registered Owner	Unknown Shell Company	Operator	Unknown
Sanctioned By	OFAC (USA)	Sanction Date	2023-01-15
Risk Level	CRITICAL		

■ Sanction Reason: Dark fleet operations; transporting sanctioned Venezuelan crude to Cuba

■ Intelligence Notes: [2026-05-15 14:13 UTC] AIS: NO LIVE CHECK (Mode C sandbox) | M SOPHIA — SEIZED 2026-01-07 (Operation Southern Spear, stateless dark fleet); status unchanged | Source: WebSearch fallback.

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/imo:9289477>

■ VESSEL #10: MARIA CRISTINA (ex-CARLOTA C)

■ SANCTIONED

IMO Number	9502453	MMSI	323149000
Vessel Type	Chemical/Oil Products Tanker	Flag State	Cuba
Built	2011	DWT	12,000
Registered Owner	Caroil Transport Marine Ltd.	Operator	GAESA / Caroil Transport Marine Ltd.
Sanctioned By	OFAC (USA)	Sanction Date	2019-07-03
Risk Level	CRITICAL		

■ Sanction Reason: Delivering Venezuelan petroleum products (gasoline) to Cuba; linked to PdVSA/Cubametales scheme

■ Intelligence Notes: [2026-05-15 17:30 UTC] AIS: NOT RECEIVED 121 DAYS (effectively DARK) | Reported area: North-West Atlantic Ocean (last fix) | Speed: 0.0 kn | Course: 273° | Draught: 5.4m (ballast/light) | Last port: La Habana, Cuba ATD Dec 4, 21:27 UTC (162 days ago) | Cuban-state MARIA CRISTINA (ex-CARLOTA C, Caroil/GAESA network) has been AIS-dark for 4 months since departing Havana ballast. Sanctioned OFAC. Possible long-term lay-up or covert ops. | Source: VesselFinder IMO 9502453

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/shipid:554321/vessel:MARIA+CRISTINA>

■ VESSEL #11: MARINERA (ex-BELLA 1)

■ SANCTIONED

IMO Number	N/A	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Russia (False Flag)

Built	2006	DWT	43,000
Registered Owner	Rosneft / Russian State Entity	Operator	Unknown
Sanctioned By	OFAC (USA)	Sanction Date	2023-02-24
Risk Level	CRITICAL		

■ Sanction Reason: Dark fleet Russian oil tanker; illicit crude transport; sanctions evasion via name/flag change

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. MAR 26 SCAN (SECONDARY RUN): SEIZED Jan 7, 2026. Russian flag. In US custody. Part of Operation Southern Spear.

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/home/centerx:-79.5/centery:21.4/zoom:7>

■ VESSEL #12: OLINA

■ SANCTIONED

IMO Number	N/A	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Unknown / False Flag
Built	2003	DWT	35,000
Registered Owner	Unknown Shell Company	Operator	Unknown
Sanctioned By	OFAC (USA)	Sanction Date	2022-10-01
Risk Level	CRITICAL		

■ Sanction Reason: Dark fleet; Venezuelan crude oil transport to sanctioned destinations

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. MAR 26 SCAN (SECONDARY RUN): SEIZED Jan 15, 2026. Venezuelan shadow fleet. In US custody.

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/home/centerx:-79.5/centery:21.4/zoom:7>

■ VESSEL #13: PETION

■ SANCTIONED

IMO Number	9295098	MMSI	N/A
Vessel Type	Products Tanker	Flag State	Panama
Built	2004	DWT	9,800
Registered Owner	Trocana World Inc.	Operator	Caroil Transport Marine Ltd.
Sanctioned By	OFAC (USA)	Sanction Date	2019-07-03
Risk Level	CRITICAL		

■ Sanction Reason: Loading crude oil for Cubametales/PDVSA, transporting to Cuba in violation of sanctions. Operated by Caroil Transport Marine Ltd. (Cyprus).

■ Intelligence Notes: [2026-05-15 17:30 UTC] AIS: NOT RECEIVED 82 DAYS (effectively DARK) | Reported area: Caribbean Sea (last fix) | Speed: 0.0 kn | Draught: 11.2m (LOADED) | Dest field: CUCFGOS (Cienfuegos), ETA Aug 9 — clearly stale | Cuban-state PETION (Caroil/GAESA) loaded with petroleum sitting AIS-dark in Caribbean for 82 days. Possible floating storage / STS hub. Sanctioned OFAC. | Source: VesselFinder IMO 9295098

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/shipid:370785/vessel:PETION>

■ VESSEL #14: SAGITTA

■ SANCTIONED

IMO Number	9296822	MMSI	N/A
Vessel Type	Aframax Crude Oil Tanker	Flag State	Marshall Islands (False Flag)
Built	2005	DWT	73,000
Registered Owner	Hong Kong-based shell company	Operator	Unknown
Sanctioned By	OFAC (USA), EU, UK HMT	Sanction Date	2022-04-06
Risk Level	CRITICAL		

■ Sanction Reason: Sanctioned following 2022 Russian invasion of Ukraine; illicit Russian oil transport

■ Intelligence Notes: [2026-05-15 14:13 UTC] AIS: NO LIVE CHECK (Mode C sandbox) | SAGITTA — SEIZED Caribbean 2026-01-20 USSOUTHCOM; status unchanged | Source: WebSearch fallback.

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/imo:9296822>

■ VESSEL #15: SANDINO

■ SANCTIONED

IMO Number	9441178	MMSI	323148000
Vessel Type	Chemical/Oil Products Tanker	Flag State	Cuba
Built	2009	DWT	30,000
Registered Owner	Caroil Transport Marine Ltd.	Operator	Caroil Transport Marine Ltd.
Sanctioned By	OFAC (USA)	Sanction Date	2019-07-03
Risk Level	CRITICAL		

■ Sanction Reason: Operating in Venezuelan oil sector, transporting crude to Cuba in violation of E.O. 13850

■ Intelligence Notes: [2026-05-16 UTC] AIS: 17 days dark (last received ~Apr 29-30) | Last known: Caribbean Sea 10.0 kn 8.3m draught (ballast) | Last port: Cienfuegos Cuba arrived Apr 19 13:21 UTC (no departure shown) | Pattern: intra-Cuba fuel redistribution (Matanzas/Cienfuegos/Nipe shuttle + Mexico/Pajaritos pickup). OFAC sanctioned. AIS dark consistent with Cuban waters deactivation. | Source: VesselFinder 2026-05-16

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/shipid:434978/vessel:SANDINO>

■ VESSEL #16: SKIPPER (ex-ADISA)

■ SANCTIONED

IMO Number	N/A	MMSI	N/A
Vessel Type	Crude Oil Tanker (Supertanker)	Flag State	Guyanese (False Flag)
Built	2005	DWT	300,000
Registered Owner	Unknown Shell Company	Operator	Unknown / PdVSA-affiliated

Sanctioned By	OFAC (USA) - Previously under name ADISA	Sanction Date	2022-11-03
Risk Level	CRITICAL		

■ Sanction Reason: Moving illicit oil; in 2024 delivered 3M bbls Iranian oil to Syria; in 2025 hauling 1.8M bbls PdVSA crude to Cubametales

■ Intelligence Notes: [2026-05-12 03:05 UTC] AIS: NO LIVE CHECK (Mode C — no live map sweep) | No fresh May-2026 OSINT signal this scan. Status unchanged from prior log. Source: WebSearch fallback. MAR 26 SCAN (SECONDARY RUN): SEIZED Dec 10, 2025 in waters between Grenada and Trinidad. 1.8M barrels Venezuelan crude. US Navy custody. Part of Operation Southern Spear.

■ MarineTraffic AIS Profile: <https://www.marinetraffic.com/en/ais/details/ships/vessel:SKIPPER>

■ VESSEL #17: UNIVERSAL

■ SANCTIONED

IMO Number	9384306	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Russia
Built	—	DWT	—
Registered Owner	Sovcomflot	Operator	Sovcomflot
Sanctioned By	US/UK/EU	Sanction Date	—
Risk Level	CRITICAL		

■ Sanction Reason: Russian shadow fleet tanker, Sovcomflot-owned, sanctions evasion

■ Intelligence Notes: [2026-05-16 UTC] AIS: 10 days dark | Pos: NW Atlantic ~33.7N 48.2W | Speed: 1.4 kn (drifting/anchored) | Draught: 10.0m (partial load ~270K bbls) | Dest: FOR ORDER | Last port: Suez Anch. Egypt (departed Mar 5, 72 days ago) | Status: STALLED mid-Atlantic. EO 14404 secondary sanctions blocking port access. Sat AIS 47 min ago. Sanctioned EU/UK/OFAC. | Source: VesselFinder 2026-05-16

■ VESSEL #18: VERONICA

■ SANCTIONED

IMO Number	9256860	MMSI	N/A
Vessel Type	Crude Oil Tanker	Flag State	Guyana (False Flag)
Built	—	DWT	—
Registered Owner	—	Operator	—
Sanctioned By	OFAC (E.O. 13224 / PSB Lizing)	Sanction Date	2022-02-22
Risk Level	CRITICAL		

■ Sanction Reason: Owned by PSB Lizing OOO, leasing subsidiary of sanctioned Russian Promsvyazbank (PSB). Designated for operating in Russia defense/financial sectors.

■ Intelligence Notes: [2026-05-15 14:13 UTC] AIS: NO LIVE CHECK (Mode C sandbox) | VERONICA — SEIZED off Venezuela 2026-01-15; status unchanged | Source: WebSearch fallback.

3.3 CUBAN MILITARY FLEET — MARINA DE GUERRA REVOLUCIONARIA (MGR)

21 military vessels tracked. Includes surface combatants, submarines, SIGINT/intelligence collection vessels, patrol craft, coast guard, and logistics units. Sources: Jane's Fighting Ships, USNI, GlobalSecurity.org, MarineTraffic OSINT.

#	Vessel Name	MMSI	Role	Type	Risk	Intelligence Notes
1	ADMIRAL GRIGOROVICH	—	Frigate	Frigate	■ CRITICAL	[2026-05-12 03:06 UTC] AIS: NO LIVE CHECK (sandbox Mode C) Russian frigate, possible Caribbean transit pattern carried...
2	CAIMÁN	323011000	Submarine	Submarine (Foxtrot-class)	■ CRITICAL	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
3	CAMILO CIENFUEGOS	323040000	Intelligence/SIGINT	Intelligence Collection Vessel	■ CRITICAL	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
4	DELFIN	323010000	Submarine	Submarine (Foxtrot-class)	■ CRITICAL	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
5	VILLA CLARA	323041000	Intelligence/SIGINT	Intelligence Collection Vessel	■ CRITICAL	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
6	ANTONIO MACEO	323001000	Frigate	Frigate	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
7	BAHIA DE NIPE	323060000	Logistics/Support	Naval Replenishment Vessel	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
8	CNS SILK ROAD ARK	—	Logistics/Support	Hospital Ship	■ HIGH	[2026-05-12 03:06 UTC] AIS: NO LIVE CHECK (sandbox Mode C) PLAN hospital ship 'Mission Harmony 2025/2026' Caribbean to...
9	GRANMA	323030000	Fast Attack Craft	Fast Attack Craft (Osa-II)	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
10	JOSE MARTI	323002000	Frigate	Frigate	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
11	OCCIDENTE	323021000	Patrol Vessel	Patrol Vessel (Pauk-class)	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...

1 2	ORIENTE	323020000	Patrol Vessel	Patrol Vessel (Pauk-class)	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
1 3	RFS SOOBRAZITELNY	—	Frigate	Steregushchiy-class Corvette	■ HIGH	[2026-05-12 03:06 UTC] AIS: NO LIVE CHECK (sandbox Mode C) Russian Steregushchiy-class, watch for Caribbean transit ...
1 4	SIERRA MAESTRA	323031000	Fast Attack Craft	Fast Attack Craft (Osa-II)	■ HIGH	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
1 5	GUANTANAMO	323050000	Coast Guard	Coast Guard Cutter	■ MEDIUM	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
1 6	HABANA	323052000	Coast Guard	Coast Guard Cutter	■ MEDIUM	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
1 7	ISLA DE LA JUVENTUD	323061000	Logistics/Support	Naval Transport	■ MEDIUM	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
1 8	PINAR DEL RIO	323051000	Coast Guard	Coast Guard Cutter	■ MEDIUM	[2026-05-15 17:30 UTC] AIS: NOT BROADCAST on public commercial trackers (VesselFinder MMSI 404; MarineTraffic MMSI page ...
1 9	USAV WILSON WHARF	—	Logistics/Support	Landing Craft Utility (LCU-2011)	■ MEDIUM	[2026-05-12 03:05 UTC] No fresh OSINT signal. Source: WebSearch fallback. [2026-04-28 13:00 UTC] USAV logistics. Operat...
2 0	USS WICHITA (LCS-13)	—	Patrol Vessel	Littoral Combat Ship	■ MEDIUM	[2026-05-12 03:06 UTC] AIS: NO LIVE CHECK (sandbox Mode C) Per 4thFleet/Navy.mil: completed 6-mo deployment, returned ...
2 1	USNS LARAMIE (T-AO-203)	—	Logistics/Support	Fleet Oiler	■ LOW	[2026-05-12 03:06 UTC] AIS: NO LIVE CHECK (sandbox Mode C) MSC fleet replenishment oiler — Operation Southern Spear su...

3.3.1 MILITARY VESSEL RECORDED ACTIVITY

Vessel	Activity	Location	Date	AIS	Sanctions Flag	Notes
USNS LARAMIE (T-AO-203)	PATROL	Florida Straits	2026-04-28	✓ ACTIVE	—	At-sea replenishment operations Florida Straits. Part of FLEX2026 deployment.
USS WICHITA (LCS-13)	PATROL	Key West	2026-04-25	✓ ACTIVE	—	Freedom-class LCS maintaining active patrol in Florida Straits. Entered Key West
USNS LARAMIE (T-AO-203)	PATROL	Florida East Coast	2026-04-25	✓ ACTIVE	—	MSC replenishment oiler heading south off east coast of Florida at 7.7 kn. Part

USS WICHITA (LCS-13)	PATROL	Key West / Florida Straits	2026-04-24	✓ ACTIVE	—	FLEX2026 exercises Apr 24-30. Testing detect/track/intercept with USVs and AI. O
USS WICHITA (LCS-13)	PATROL	Key West / Florida Straits	2026-04-22	✓ ACTIVE	—	Entered Key West mid-April. Active patrol Florida Straits. Part of increased US
USS WICHITA (LCS-13)	PATROL	Florida Straits	2026-04-21	✓ ACTIVE	—	Freedom-class LCS operating in Florida Straits near Key West/Cuba Apr 18-20. Str
ADMIRAL GRIGOROVICH	ESCORT	English Channel	2026-04-09	✓ ACTIVE	—	Russian Black Sea Fleet frigate. Escorted UNIVERSAL + ENIGMA through English Cha
ADMIRAL GRIGOROVICH	ESCORT	English Channel	2026-04-08	✓ ACTIVE	—	Escorted UNIVERSAL+ENIGMA through English Channel. Shadowed by RFA Tideforce.
ADMIRAL GRIGOROVICH	ESCORT	English Channel / North Atlantic	2026-04-08	✓ ACTIVE	—	Russian frigate escorted UNIVERSAL + ENIGMA through English Channel Apr 8. Shado
ORIENTE	PATROL	Northern Cuba / Villa Clara Province	2026-03-28	✓ ACTIVE	—	AIS DARK — No Florida Straits transmissions detected during March 28 scan. MGR p
OCCIDENTE	DARK	Northern Cuba / Florida Straits	2026-03-28	✓ ACTIVE	—	AIS DARK during March 28 scan. No transmissions detected. Joint patrol with ORIE
USAV WILSON WHARF	TRANSIT	North Cuba coast (21°11.340N / 75°10.590W)	2026-03-28	✓ ACTIVE	—	March 28, 2026 01:14 — USAV Wilson Wharf (LCU-2011) departed Guantanamo Bay Nava
CAMILO CIENFUEGOS	DARK	Unknown — SIGINT patrol area (Florida Straits / GTMO perimeter)	2026-03-26	✓ ACTIVE	—	CAMILO CIENFUEGOS AIS dark as of Mar 26 live MMSI check (323040000 — no position
HABANA	ESCORT	Havana	2026-03-24	✓ ACTIVE	—	HABANA likely provided coast guard escort for Nuestra América humanitarian aid c
CAMILO CIENFUEGOS	PATROL	Florida Straits / GTMO perimeter	2026-03-24	✓ ACTIVE	—	CAMILO CIENFUEGOS (SIGINT vessel) on active intelligence-gathering patrol. Mar 2
CAMILO CIENFUEGOS	ARRIVAL	Havana Naval Base	2026-03-01	✓ ACTIVE	—	Returned to Havana Naval Base after extended patrol. Resupply and crew rotation
HABANA	INTERCEPT	Cayo Falcones	2026-02-25	✓ ACTIVE	—	ENGAGEMENT: Cuban Border Guard Troops patrol vessel intercepted Florida-register
BAHIA DE NIPE	STS	Cuban EEZ — South Coast	2026-02-22	✓ ACTIVE	—	Underway replenishment with ORIENTE and OCCIDENTE. Transferred fuel and stores.
ORIENTE	PATROL	Cuban EEZ — North Coast	2026-02-20	✓ ACTIVE	—	Routine EEZ patrol. Intercepted and escorted 3 unauthorized vessels.
SIERRA MAESTRA	EXERCISE	Gulf of Batabanó	2026-02-14	✓ ACTIVE	—	Live-fire exercise. Fired 2x SS-N-2C Styx anti-ship missiles at target drone. Ex

4. RECENT ENFORCEMENT TIMELINE

2026-05-16

Source: Cuba Ministry of Foreign Affairs

[MILITARY_ACTIVITY] Cuba

Cuban envoy warns Cuba preparing for possible US invasion amid stalled negotiations. Cuba rejects removal of Diaz-Canel as negotiating condition. US demands: prisoner release, Starlink access, compensation for confiscated assets. Cuba demands: end EO 14404 energy blockade. US-Cuba talks described as very preliminary.

2026-05-16

Source: —

[FOREIGN_MILITARY_VISIT] Air China CA865 (B787-9) — NEW MAD↔HAV state-carrier link

Air China CA865 MAD→HAV Boeing 787-9 scheduled 2026-05-16 18:50 local (FR24 HAV arrivals board). First Chinese flag-carrier widebody link to HAV in this registry. Madrid is likely tag-stop / 5th-freedom. Significant against backdrop of Chinese solar financing for Cuba (CNN 2026-05-13) and CNS Silk Road Ark Caribbean deployment. China-Cuba deepening across maritime + air + energ

2026-05-15

Source: DOJ

[DESIGNATION] Raul Castro Ruz

US DOJ seeking criminal indictment of former Cuban President/Defense Minister Raul Castro Ruz (94) for the 1996 shootdown of two Brothers to the Rescue civilian aircraft over Florida Straits, killing four men (Costa, Alejandro, de la Pena, Morales). Indictment expected unsealed Miami May 20 2026. Context: Ratcliffe HAV visit (May 14), USD 100M aid negotiations, total fuel crisi

2026-05-15

Source: —

[MILITARY_ACTIVITY] Marina de Guerra Revolucionaria / Ministry of Interior

Cuba social militarization escalating: 1,133 protests in April 2026 (+29.5% vs Apr 2025). Police violently suppressed protesters in Havana Playa district, 14+ arrests May 13. US Embassy warns of security risks in Cuba amid blackouts and protests. Regime shifted to 'operational phase of direct control over civilian spaces' per analysts — 31 security/defense/repression events in

2026-05-15

Source: —

[INFRASTRUCTURE_FAILURE] Cuba National Grid

Cuba national power grid collapses May 14-15 2026: eastern provinces fully blacked out. Record deficit: 2,113 MW shortfall (1,230 MW available vs 3,350 MW demand). Energy Minister: 'absolutely no fuel, no oil, no diesel.' UNIVERSAL tanker still adrift NW Atlantic with 270K bbls diesel — has not arrived. Havana blackouts exceed 24 consecutive hours. US \$100M aid offer accepted a

2026-05-15

Source: US State Dept

[POLICY_CHANGE] Cuba Government

Cuba's Díaz-Canel accepts US \$100M humanitarian aid offer (May 14-15 2026): fuel, food, medicine via Catholic Church. CIA Dir Ratcliffe HAV visit May 14 linked — first US humanitarian deal since 2026 Cuban energy crisis peak. Cuba conditions: 'universally recognized humanitarian practices' with no demand for regime reform. Unprecedented US-Cuba diplomatic engagement concurrent

2026-05-15

Source: OFAC (US) / OFSI (UK) / EU

[DELIVERY] UNIVERSAL

UNIVERSAL (IMO 9384306, Sovcomflot, EU/UK/US sanctioned) confirmed AIS-dark in NW Atlantic with 10.0m loaded draught (~270K bbls diesel). ETA May 20 FOR ORDER. Cuba declared "absolutely no fuel" May 14. OFAC GL134a bars Russian oil to Cuba but vessel expected to attempt delivery under sanctions evasion. Russian frigate Admiral Grigorovich escorted vessel through English Channel

2026-05-15

Source: US Department of State

[FOREIGN_MILITARY_VISIT] SAM554 C-40B Clipper (USAF 89AW) — CIA Director Ratcliffe HAV mission

CIA Director John Ratcliffe arrived Havana 14-May aboard USAF SAM554 (C-40B Clipper, 89th Airlift Wing) from Joint Base Andrews. Met top Cuban officials including Raúl Castro's grandson, delivered Trump message on engagement preconditions. Only the second confirmed CIA director visit to Cuba since the 1959 revolution. Cuban regime publicly disclosed the meeting 14-May. Simultan

2026-05-15

Source: US Navy NAS Jacksonville

[MILITARY_ACTIVITY] MQ-4C Triton BLKCAT6 Cuba ISR sortie

MQ-4C Triton BLKCAT6 (reg 169806, hex AE7817) caught live on ADS-B Exchange at 27.075°N -85.094°W FL469 SW-bound in Gulf of Mexico — second BLKCAT6 Cuba ISR sortie observed within the day. Sustained US-Navy high-altitude ISR loiter pattern continues the ≥25-sortie-since-Feb-4 tempo reported by CNN.

2026-05-15

Source: US Department of State

[POLICY_CHANGE] US humanitarian aid \$100M offer to Cuba

Secretary Rubio publicly disclosed 8-May that the US offered Cuba \$100M in humanitarian aid; Cuban FM Bruno Rodríguez initially denied receipt (12-May), then Cuban president Díaz-Canel called the offer 'inconsistent and paradoxical' (14-May) and said Cuba would consider it only if 'free of political maneuvering', urging sanctions relief instead. Aid offer is contemporaneous wit

2026-05-15

Source: US Joint Task Force Southern Spear

[CRIME_EVENT] Operation Southern Spear narco-vessel strike (May 5)

USSOUTHCOM/Joint Task Force Southern Spear executed a lethal kinetic strike against a drug-trafficking vessel in Caribbean waters on 5-May 2026, killing two suspected narco-traffickers. Carried out under Gen. Francis L. Donovan's command. Cumulative campaign tally as of 8-May: at least 58 strikes on 59 vessels, 194 killed.

2026-05-15

Source: Cuba Ministry of Energy and Mines

[INFRASTRUCTURE_FAILURE] Antonio Guiteras Thermoelectric Plant

Antonio Guiteras 9th malfunction of 2026: disconnected from National Electric System at 04:58 UTC 14-May after a boiler water leak. Plant trip cascaded into partial grid collapse at 06:09, cutting power to central and eastern Cuba (Ciego de Ávila→Guantánamo). Repair estimate 3–4 days; only ~5 days since prior reconnection on May 9 after 90-hour repair. Plant has not had compreh

2026-05-15

Source: —

[FOREIGN_MILITARY_VISIT] Conviasa V03492 (A340-600 YV3535) HAV arrival LIVE on FR24

Conviasa V03492 CCS→HAV A340-600 YV3535 scheduled HAV arrival 2026-05-15 15:30 local (FR24 HAV arrivals board live). Same-day return V03493 17:30. 3rd round-trip in 7 days within a confirmed 5-rotation-in-14-day sanctioned shuttle (8/13/15/20/22 May). OFAC SDN operator. Live: flightradar24.com/data/flights/v03492.

2026-05-15

Source: —

[FOREIGN_MILITARY_VISIT] US Navy MQ-4C Triton BLKCAT6 (reg 169806) — Cuba ISR sortie LIVE

MQ-4C Triton BLKCAT6 (US Navy reg 169806, hex AE7817) caught LIVE on ADS-B Exchange 2026-05-15 14:40 UTC at 27.827°N -83.711°W (Gulf of Mexico ~80nm W of Tampa), FL470, GS 250 kt, track 234° SW toward Cuba/Yucatán Channel, squawk 1200. Departed NAS Jacksonville/Mayport. Direct evidence the CNN-documented 25-since-Feb ISR tempo is sustained today. Live: globe.adsbexchange.com/?i

2026-05-15

Source: —

[POLICY_CHANGE] Cuba Ministry of Finance and Prices

Cuba's Ministry of Finance and Prices deregulated foreign-currency fuel prices effective 2026-05-15. Service stations may now set their own prices based on supplier, shipping, route, insurance, and global-market costs. Pre-deregulation official dollarized cap was just over \$1/L with a 20L/person ration. Informal market price surged from 700-1,500 CUP (Jan) to ~6,000 CUP/L (\$12/

5. SANCTIONS EVASION TACTICS & INDICATORS

■ AIS Spoofing / False Position Broadcasting	Vessels transmit false GPS coordinates or fake destinations to disguise true track. Common patterns: broadcasting a destination unrelated to the actual port call, or transmitting "NUC" (not under command) while actively discharging cargo. Detection: cross-reference AIS with satellite imagery (Kpler, TankerTrackers).
■ AIS Blackouts / Signal Suppression	Vessels turn AIS transponders off entirely to disappear from tracking. Multi-month dark gaps are typical for sanctioned tankers and are frequently combined with name or flag changes during the blackout window. Detection: gap analysis in AIS history, satellite SAR imagery.
■ False Flag Operations	Vessels register under flags-of-convenience to avoid scrutiny. Common flags rotated through in the Cuba dark fleet: Panama, Cameroon, Guyana, Timor-Leste, Marshall Islands. Detection: cross-check IMO against flag-registry databases; flag changes within 30 days are a strong indicator (see pattern_alerts FLAG_HOPPING).
→ ■ Vessel Name / Identity Changes	Complete identity changes to remove vessel from sanctions tracking, typically combined with new flag registration and shell-company ownership changes. Detection: track IMO numbers (permanent) rather than vessel names. The IMO survives any rebrand.
■ Ship-to-Ship (STS) Transfers	Cargo transferred between vessels at sea to obscure origin. Known floating-storage locations include the Gulf of Batabanó STS zone south of Cuba. Detection: satellite imagery of anchorage areas, anomalous speed patterns, AIS-dark rendezvous in pattern_alerts (AIS_DARK_RENDEZVOUS).
■ Shell Company Networks	Beneficial ownership concealed through layered shells. Typical structure: Vessel → Marshall Islands LLC → Cyprus/HK management → state-linked beneficial owner. See Section 6 for the current sanctioned-entity registry. Detection: beneficial-ownership databases, Panama/Pandora Papers analysis.
■ Circumvention Routes	Recurring maritime corridors: Venezuela → Caribbean → Cuba; Russia (Primorsk/Ust-Luga) → Atlantic → Cuba/Venezuela; STS transfers staged near Canary Islands or Cyprus. Recurring air corridors: HAV ↔ Caracas, HAV ↔ Moscow, HAV ↔ Tehran. See the dashboard map "Traffic Corridors" layer for the live set.
✈ ■ ADS-B Spoofing / Transponder Drops (air dimension)	Aircraft turn off Mode-S transponders or broadcast false callsigns/registrations. Sanctioned-operator aircraft often switch callsign mid-flight or drop ADS-B on approach to Cuban airspace. Detection: ADS-B Exchange, OpenSky historical replay; see pattern_alerts (MIL_AIR_TRANSPONDER_DROP, STATE_AIR_PARTNER_SHUTTLE).

6. SANCTIONED ENTITIES & GHOST COMPANY NETWORK

Entity	Type	Designation Date	Authority	Intelligence Summary
Caroil Transport Marine Ltd.	COMPANY · Cyprus	2019-07-03	OFAC (USA)	Facilitating Venezuelan oil transfers to Cuba. Operating in Venezuelan oil sector per E.O. 13850.
Cubametales	GOVERNMENT · Cuba	2019-07-03	OFAC (USA)	Operating in Venezuelan oil sector. Cuba's state-run oil import/export company. E.O. 13850.
GAESA (Grupo de Administración Empresarial S.A.)	GOVERNMENT · Cuba	2017-11-08	OFAC (USA)	Military conglomerate of Cuban Armed Forces. Controls majority of Cuban economy including ports, hotels, tourism, trade. E.O. 13757.
JSC Rosnefteflot	COMPANY · Russia	2025-01-10	OFAC (USA)	Subsidiary of sanctioned PJSC Rosneft. Operates crude oil tankers delivering Russian oil to Cuba and other sanctioned destinations.
PdVSA (Petróleos de Venezuela, S.A.)	GOVERNMENT · Venezuela	2019-01-28	OFAC (USA)	State oil company of sanctioned Venezuelan government. Supplying crude oil to Cuba via shadow fleet tankers.
Aviacon Zitotrans (JSC) — IATA ZR / ICAO AZS	COMPANY · Russia	2022-01-01	OFAC (USA), Canada, Ukraine	Supporting Russia's defense sector — transporting military materiel
Empresa de Navegación Mambisa	GOVERNMENT · Cuba	2004-04-01	OFAC (USA) - Historical	Cuban state shipping company. Historical OFAC designation. Connected to GAESA operations.

6.5. CUBAN REGIME PERSONNEL — DOSSIER

Catalog of 57 tracked persons across the Cuban regime apparatus: 11 Tier-1 (top political/military leadership), 9 Castro family members (living and deceased), 5 carrying active sanctions, 2 flagged as human-rights violators by primary sources, 3 deceased. All entries are sourced OSINT, citation-backed, and updated by the persons-subsystem daily scan modules (scan_sanctions_persons, scan_press_official, cache_person_photos).

6.5.a — Top Political & Military Leadership (Tier 1)

Name	Position	DOB	Sanctioned	Last Public Appearance
Bruno Eduardo Rodríguez Parrilla	Minister of Foreign Affairs (MINREX); Politburo member	1958-01-26	—	—
Esteban Lazo Hernández	President of the National Assembly of People's Power; member of the Politburo	1944-02-26	—	—
Fidel Alejandro Castro Ruz †	Founder of the Cuban Communist regime; deceased 25 November 2016	1926-08-13	—	—
Lázaro Alberto Álvarez Casas	Minister of the Interior (MININT)	—	■ YES	2026-05-15
Manuel Marrero Cruz	Prime Minister of Cuba; Politburo member	1963-07-11	—	—
Miguel Mario Díaz-Canel Bermúdez	First Secretary of the Communist Party of Cuba; President of the Republic	1960-04-20	—	—
Ramiro Valdés Menéndez	Vice President of the Council of Ministers; Comandante de la Revolución	1932-04-28	—	—
Raúl Modesto Castro Ruz	Retired General; former First Secretary of the PCC; member of the Politburo	1931-06-03	■ YES	2026-05-15
Roberto Tomás Morales Ojeda	PCC Politburo, Secretary of Organization	1967-12-19	—	—
Salvador Antonio Valdés Mesa	Vice President of Cuba; Politburo member	1945-08-13	—	—
Álvaro López Miera	Minister of the Revolutionary Armed Forces (MINFAR); General de Cuerpo de Ejército	1943-12-15	■ YES	—

6.5.b — Castro Family Watch (dynastic continuity, companies, offshore activity)

Name	Relationship / Role	Status	DOB / Death
Fidel Alejandro Castro Ruz	Founder of the Cuban Communist regime; deceased 25 November 2016	† Deceased 2016-11-25	1926-08-13 / †2016-11-25
Raúl Modesto Castro Ruz	Retired General; former First Secretary of the PCC; member of the Politburo	Reported to be in declining health (publicly documented sinc	1931-06-03
Alejandro Castro Espín	Colonel; reportedly senior figure in regime intelligence and security coordination	alive	1965-01-01
Vilma Lucila Espín Guillois	Founding President of the FMC; deceased 18 June 2007. Wife of Raúl Castro.	† Deceased 2007-06-18	1930-04-07 / †2007-06-18

Deborah Castro Espín	Daughter of Raúl Castro; widow of Luis Alberto Rodríguez López-Callejas (GAESA)	alive	—
Luis Alberto Rodríguez López-Callejas	Former CEO, GAESA (Grupo de Administración Empresarial S.A.) — deceased July 1, 2022	† Deceased 2022-07-01	1960-08-01 / †2022-07-01
Mariela Castro Espín	Director of CENESEX (National Center for Sex Education); deputy in the National Assembly	alive	1962-07-27
Raúl Guillermo Rodríguez Castro	Colonel; reportedly head of Raúl Castro's personal security detail	alive	—
Antonio Castro Soto del Valle	Orthopedic surgeon; Vice President of the Cuban Baseball Federation	alive	1969-08-23

6.5.c — Active Sanctions on Cuban Officials

Person	Authority	List / Program	Date Added	Reason
Álvaro López Miera	OFAC	SDN · GLOMAG	—	DOB 26 Dec 1943; POB Havana, Cuba; nationality Cuba; Gender Male.
Leopoldo Cintras Frías	OFAC	SDN · CUBA	—	Designated by US Treasury OFAC. See source URL for the full designation record.
Luis Alberto Rodríguez López-Callejas	OFAC	SDN · CUBA	—	Designated by US Treasury OFAC. See source URL for the full designation record.

6.5.d — Human Rights Violators (Justicia 11J + primary sources)

Person	Tier	Position	Sanctioned
Lázaro Alberto Álvarez Casas	T1	Minister of the Interior (MININT)	■ YES
Álvaro López Miera	T1	Minister of the Revolutionary Armed Forces (MINFAR); General de Cuerpo de Ejército	■ YES

7. CUBA PORT INTELLIGENCE

Port Name	Code	Coordinates	Intelligence Summary
PORT OF MATANZAS	CUMAT	23.04°N, 81.56°W	Primary oil terminal. Main destination for dark-fleet crude deliveries. Operated by CUPET (Cuba Petroleum). Capacity: ~1M bbl storage. Pipeline connections to Havana. Regular tanker traffic when supply available.
PORT OF CIENFUEGOS	CUCFG	22.14°N, 80.44°W	Major oil + refinery port (Camilo Cienfuegos refinery), co-located with MGR naval base. 5 piers + 3 buoy moorings. ~100 vessels/year. Handles Venezuelan crude for refining. Refinery capacity significantly below design due to feedstock shortages.
PORT OF HAVANA	CUHAV	23.14°N, 82.35°W	Cuba's main commercial port. ~270,000 TEU annually. 400+ vessel calls/year. Handles container, general cargo, and passenger traffic. Under heavy GAESA commercial influence through Almacenes Universales S.A.
PORT OF MARIEL	CUMAR	22.99°N, 82.76°W	Cuba's premier container terminal. Handles food imports (primary source post-2015). Neopanamax-capable since 2023 expansion. Chinese investment (COSCO connection). Co-located naval facility. ~100 vessels/year. Key GAESA-controlled terminal.
PORT OF SANTIAGO DE CUBA	CUSCU	19.99°N, 75.83°W	Second-largest port; eastern Cuba commercial gateway. Sees periodic state-aircraft and foreign-government delegations via co-located SCU airport. Bulk + general cargo.
GULF OF BATABANO	ANCHORAGE	22.7°N, 82.1°W	Unofficial anchorage area south of Cuba. Recurring STS-transfer activity by dark-fleet vessels. Poor AIS coverage allows covert operations. Pairs with the dashboard "STS Transfer Zone" overlay.

8. VESSEL MOVEMENTS LOG

Vessel	Type	Port	Arrival	Cargo	Bbls	AIS Spoof	Notes
SEA HORSE	TRANSIT	East Mediterranean	2026-05-15 23:22:54	—	—	✓ NO	AIS ACTIVE 3min ago, 11.0m draught loaded, speed 10.0kn, ETA Valletta May 16 11:
UNIVERSAL	DARK	North West Atlantic	2026-05-15 19:58:02	Petroleum products / diesel	270,000	✓ NO	9-day AIS dark in NW Atlantic; 10.0m draught (loaded ~270K bbls diesel); ETA May
NICOS IV (NICOS I.V.)	TRANSIT	—	2026-05-15 16:54:10	Petroleum products	—	✓ NO	Cuba-domestic Matanzas→Mariel petroleum redistribution. ETA Mariel May 15 19:00
SEA HORSE	TRANSIT	—	2026-05-15 16:54:10	Oil products	—	✓ NO	LIVE-AIS routing correction: SEA HORSE underway East Med ETA Valletta May 16 11:
ANATOLY KOLODKIN	TRANSIT	Mona Passage approach	2026-05-12	CRUDE (post-discharge ballast)	—	✓ NO	[2026-05-12 02:02 UTC] Speed 2.1 kn at last fix; sustained low-speed loiter / dr
UNIVERSAL	DARK	Mid-Atlantic loiter	2026-05-12	DIESEL (Russian-origin)	270,000	■ YES	[2026-05-12 02:02 UTC] ~1,000 mi east of Cuba; stalled mid-Apr; AIS destination
SEA HORSE	TRANSIT	West Africa / Trinidad-Tema corridor	2026-05-12	DIESEL (Russian-origin)	195,000	✓ NO	[2026-05-12 02:02 UTC] Hong Kong-flag tanker continues westward/southerly route
SEA HORSE	TRANSIT	West Africa (off Guinea coast)	2026-05-11	Oil Products	—	✓ NO	MAJOR ROUTE CHANGE: Heading to Gibraltar from Port-Kamsar Guinea. Draught 11.0m
DEYNA	TRANSIT	West Africa	2026-05-11	Crude Oil	—	✓ NO	Triple-sanctioned. Heading SE from Fos-sur-Mer France. Draught 14.0m (HEAVILY LO
ANATOLY KOLODKIN	ANCHORE D	North Russia (near Ust-Luga)	2026-05-11	Crude Oil	—	✓ NO	AIS active. Loitering North Russia coast at 3.3kn heading 84.9°E. Draught 8.5m.
AKADEMIK GUBKIN	TRANSIT	East Asia (Russian Far East)	2026-05-11	Crude Oil	—	✓ NO	Departed Nakhodka STS Offshore May 5. Draught 13.6m (HEAVILY LOADED). Course 158
EUGENIA GAS	ANCHORE D	Gulf of Mexico	2026-05-11	LPG	—	✓ NO	Stationary in Gulf of Mexico. Dest Altamira Mexico. Draught 6.9m. Last port Coat

MEXICO HUMANITARIAN AID SHIP 6	TRANSIT	Cuba (port TBD)	2026-05-11	Humanitarian (food, medicine, hygiene, solar panels)	—	✓ NO	Mexico 6th humanitarian aid ship to Cuba in 2026 — announced 2026-05-11; cumulat
ANATOLY KOLODKIN	TRANSIT	—	2026-05-10	Ballast	—	✓ NO	Return transit complete — vessel reported back in North Russian waters after Mat
SEA HORSE	TRANSIT	West Africa (off Guinea coast)	2026-05-09	Oil Products	—	✓ NO	Course 52° speed 10kn. Draught 11m (loaded). ETA Gibraltar May 12. AIS active 6
MARIA CRISTINA (ex-CARLOTA C)	DARK	NW Atlantic Ocean (last known)	2026-05-09	—	—	✓ NO	AIS DARK 115 days (since ~Jan 15 2026). Last position NW Atlantic, speed 0, drau
ESPERANZA	ANCHORED	Cienfuegos Anchorage	2026-05-09	Crude Oil	—	✓ NO	At anchor since Feb 15. Draught 8m. AIS active (21 min). Serving as floating sto
VILMA	ANCHORED	Cienfuegos Anchorage	2026-05-09	Crude Oil	—	✓ NO	Arrived Cienfuegos anchorage Apr 29. Draught 7.2m. AIS active (5h ago). Second o
LPG EMILIA	ANCHORED	Havana Harbor	2026-05-09	LPG	—	✓ NO	Cuban LPG vessel in Havana. Destination FOR ORDERS - awaiting instructions. Cuba
ANATOLY KOLODKIN	TRANSIT	Ust-Luga Anchorage	2026-05-08	CRUDE OIL (EMPTY/BALLAST)	—	✓ NO	North Russia near Ust-Luga. Ballast (8.5m draught). Returned after Mar 31 Matanz

9. INTELLIGENCE ASSESSMENT & RECOMMENDATIONS

■ HIGH-CONFIDENCE ASSESSMENT

[CRITICAL] STATE_AIR_PARTNER_SHUTTLE: Recurring HAV↔CCS state shuttle Conviasa YV3535 (A346, OFAC sanctioned) confirmed CCS→HAV: May 13 (landed 4:56PM) and May 15 (landed 4:55PM). Operating ~2-3x/week. Pattern has exceeded CRITICAL threshold of 5 round-trips/14 days. FR24 confirmed data. Tracked: 36 vessels, 17 aircraft, 16 open patterns (9 CRITICAL).

■ TOP OPEN PATTERN ALERTS

• [CRITICAL] STATE_AIR_PARTNER_SHUTTLE — Recurring HAV↔CCS state shuttle (16×) • [CRITICAL] INFRASTRUCTURE_INCIDENT — Cuba grid Guiteras outage cycle — 9th 2026 outage (May 14 boiler water leak) (12×) • [CRITICAL] UAV_PATROL_OBSERVED — MQ-4C Triton recurring loiter near Cuban EEZ (9×) • [CRITICAL] US_DIPLOMATIC_AIR_OUTREACH — CIA Director SAM554 mission + F-5N overflight to Havana — coordinated US air outreach/pressure (4×) • [CRITICAL] INFRASTRUCTURE_INCIDENT — Mexico formalises no-oil stance — Cuba energy isolation tightens (2×)

■ SANCTIONS COMPLIANCE ALERT

17 oil/cargo vessels and 4 aircraft in scope carry confirmed sanctions. Risk indicators to flag during compliance review: AIS / ADS-B gaps, recent flag or registration changes, opaque beneficial ownership, routing through Cuba, Venezuela, Russia or Iran, transponder drops near naval/airbase zones.

■ RECOMMENDED ACTIONS

1. Maintain continuous AIS + ADS-B coverage on every CRITICAL vessel and aircraft in registry. 2. Screen all vessels and aircraft calling Cuba against OFAC SDN list and IMO/ICAO databases. 3. Track STS transfer activity in Gulf of Batabanó and identified threat zones. 4. Monitor state-aircraft shuttle patterns (HAV↔CCS, HAV↔SVO, HAV↔THR) for sanctions touchpoints. 5. Watch foreign-mil overflights and transponder drops within 200nm of Cuban airspace. 6. Cross-reference any new dark-vessel + dark-aircraft event in the same 6-hour window as potential cross-modal handoff.

9.5 AIR TRAFFIC & PATTERN ALERTS

Tracked aircraft: 17 total — 9 military, 6 state, 4 sanctioned operator, 3 critical-risk.

Callsign	ICAO24	Type	Operator	Cat	Risk
AZS-RA78765	—	Ilyushin Il-76TD	Aviacon Zitotrans	CARGO	CRITIC
CMU8888	71BC44	Y-9 / KJ-500	PLAN/PLAAF	MILIT	CRITIC
RFF7777	424B17	Tu-160 Blackjack	Russian Aerospace Forc	MILIT	CRITIC
CA865	—	Boeing 787-9 Dream	Air China (Chinese fla	STATE	HIGH
V03492 / V0349	—	Airbus A340-600	Conviasa (Venezuela st	STATE	HIGH
RA-96005	424A12	Il-96-300PU	Russia Special Flight	STATE	HIGH
BLKCAT6	AE7817	MQ-4C Triton (Nort	US Navy (NAS Jacksonvi	MILIT	HIGH
YV3001	0D08F7	B737-300	Conviasa	STATE	HIGH
RC135V-USAF-CU	—	RC-135V Rivet Join	USAF	MILIT	HIGH
MQ4C-USN-CUBA-	—	MQ-4C Triton	US Navy	MILIT	HIGH
PLN001	AC8B23	Il-96-300	Cubana de Aviación	STATE	MEDIUM
5R2233	—	Boeing 737-300	Rutaca Airlines	CIVIL	MEDIUM
P8A-USN-CUBA-I	—	P-8A Poseidon	US Navy	MILIT	MEDIUM
E2D-USN-CUBA-A	—	E-2D Advanced Hawk	US Navy	MILIT	MEDIUM
SAM554	AE0440	Boeing C-40B Clipp	USAF — Special Air Mis	STATE	MEDIUM
F5N-USN-CUBA-F	—	F-5N Tiger II	US Navy (TOPGUN/NSAWC	MILIT	MEDIUM
RCH842	AE001F	C-17 Globemaster I	USAF	MILIT	LOW

Open pattern alerts (cross-modal anomalies):

[CRITICAL] STATE_AIR_PARTNER_SHUTTLE — Recurring HAV↔CCS state shuttle

Conviasa YV3535 (A346, OFAC sanctioned) confirmed CCS→HAV: May 13 (landed 4:56PM) and May 15 (landed 4:55PM). Operating ~2-3x/week. Pattern has exceeded CRITICAL threshold of 5 round-trips/14 days. FR24 confirmed data.

[CRITICAL] UAV_PATROL_OBSERVED — MQ-4C Triton recurring loiter near Cuban EEZ

MQ-4C Triton "BLKCAT6" (US Navy reg 169806, hex AE7817) caught LIVE on ADS-B Exchange at 27.827°N -83.711°W (Gulf of Mexico ~80nm W of Tampa), FL470, GS 250 kt, track 234° SW toward Cuba/Yucatán Channel, squawk 1200 (VFR). Track history this sortie: KNIP departure → south FL east

[CRITICAL] INFRASTRUCTURE_INCIDENT — Cuba grid Guiteras outage cycle — 9th 2026 outage (May 14 boiler water leak)

Cuba national grid collapsed May 14-15 2026: record 2,113 MW deficit, eastern provinces fully blacked out, Havana 24h+ outages. Energy Minister: 'absolutely no fuel.' UNIVERSAL tanker with 270K bbls diesel still adrift NW Atlantic (not arrived). Cuba accepted US \$100M humanitarian

[CRITICAL] US_DIPLOMATIC_AIR_OUTREACH — CIA Director SAM554 mission + F-5N overflight to Havana — coordinated US air outreach/pressure

SAM554 (C-40B) landed HAV May 14 carrying CIA Dir Ratcliffe — first US intel chief Cuba visit on record. Met MININT Brig. Gen. Ramón 'Raulito' Romero Curbelo (grandson of Raúl Castro). Topics: SSOT list, political prisoners, intel cooperation.

Outcome: Cuba accepted US \$100M huma

[CRITICAL] REGIME_PERSON_SANCTIONED — DOJ Seeks Criminal Indictment of Raul Castro for 1996 Shootdown

US DOJ pursuing criminal indictment against former Cuban President/Defense Minister Raul Castro Ruz (94) for ordering the Feb 24, 1996 shootdown of two Brothers to the Rescue aircraft over Florida Straits, killing 4 Cuban-Americans. Indictment expected unsealed Miami May 20, 2026

[CRITICAL] INFRASTRUCTURE_INCIDENT — Cuba declares total fuel exhaustion 2026-05-14 — protests sweep Havana

Cuba's 14-May total-fuel-exhaustion declaration triggers nationwide blackouts and rare pots-and-pans protests in 7+ Havana neighborhoods; 65% of country in simultaneous blackout 12-May; generation 636 MW vs 2,420 MW demand. Trump \$100M humanitarian aid offer (Rubio 8-May) initial

[CRITICAL] INFRASTRUCTURE_INCIDENT — Mexico formalises no-oil stance — Cuba energy isolation tightens

Cuba energy isolation deepens. Russian-donated crude exhausted early May; UNIVERSAL (Sovcomflot, 270K bbls diesel) drifting mid-Atlantic. Mexico's 6th 2026 aid ship explicitly NO OIL. On 2026-05-14 Energy Minister Vicente de la O Levy declared Cuba "absolutely no fuel, oil or die

[CRITICAL] VESSEL_AIR_HANDOFF — Russian bomber inbound HAV coincides with Russian tanker reacquisition

Tu-160 strategic bomber inbound HAV (no flight plan) within 4h of ANATOLY KOLODKIN reacquiring AIS in Mona Passage. Strong indicator of coordinated diplomatic/logistical event. Both observed in the same scan window.

[CRITICAL] MIL_AIR TRANSPONDER_DROP — Foreign mil aircraft loitered with transponder off

Suspected Chinese KJ-500 dropped transponder 320nm NE of Cuba and loitered for >45 min before reappearing northbound.

[HIGH] SHADOW_FLEET_ROUTING_CORRECTION — Live AIS overrides press: SEA HORSE is in West Med heading Malta — not Caribbean

SEA HORSE (IMO 9262584) confirmed East Mediterranean heading Valletta Malta ETA May16 11:00 UTC. Speed 10.7kn, draught 11.0m (loaded), AIS ACTIVE 0 min ago per VesselFinder. NOT Cuba-bound.

Recent air movements:

Type	Callsign	Airport	Route	Trans.	Time
DEPARTURE	CA865	MAD	PEK → HAV	ACTIVE	2026-05-16T14:45
ARRIVAL	CA865	HAV	MAD (M → HAV	ACTIVE	2026-05-16 18:50
DIVERSION	CU471	HAV	MAD → HAV	—	2026-05-15 19:55
DEPARTURE	5R2233	HAV	HAV → VLN	ACTIVE	2026-05-15 18:00
DEPARTURE	V03493	HAV	HAV → CCS (C	ACTIVE	2026-05-15 17:30
UAV_PATROL	BLKCAT6	—	NAS Ja → Gulf o	ACTIVE	2026-05-15 16:54
ARRIVAL	V03492	HAV	CCS (C → HAV	ACTIVE	2026-05-15 15:30
LOITER	BLKCAT6	—	KNIP (→ Cuba E	ACTIVE	2026-05-15 14:40
MIL_OVERFLIGHT	F5N-USN-CU	—	— → —	ACTIVE	2026-05-14 13:30
STATE_VISIT	SAM554	HAV	KADW (→ HAV	ACTIVE	2026-05-14 13:00
DEPARTURE	V03493	HAV	HAV → CCS	ACTIVE	2026-05-14 01:22
ARRIVAL	CA865	HAV	MAD → HAV	ACTIVE	2026-05-13 22:26

ARRIVAL	V03492	HAV	CCS → HAV	ACTIVE	2026-05-13 20:56
UAV_PATROL	MQ4C-USN-C	—	KNIP/M → Cuba E	ACTIVE	2026-05-13 12:00
TRANSIT	V03727	NLU	NLU → CCS	ACTIVE	2026-05-13 07:53
TRANSIT	V03726	NLU	CCS → NLU	ACTIVE	2026-05-12 21:23
TRANSIT	YV3001	HAV	CCS Ma → HAV	ACTIVE	2026-05-12 02:02
MIL_OVERFLIGHT	RFF7777	—	UWSG → MUHA(?)	ACTIVE	2026-05-11 22:22
DEPARTURE	VOC4502	HAV	MUHA → SVMI	ACTIVE	2026-05-11 22:22
ARRIVAL	CUB0011	HAV	SVMI → MUHA	ACTIVE	2026-05-11 22:22

10. SOURCES & METHODOLOGY

OSINT SOURCES CONSULTED: MarineTraffic ([marinetraffic.com](https://www.marinetraffic.com)) — AIS vessel tracking, historical movements, vessel profiles. Live Cuba region feed: <https://www.marinetraffic.com/en/ais/home/centerx:-79.5/centery:21.4/zoom:7> VesselFinder ([vesselfinder.com](https://www.vesselfinder.com)) — AIS tracking, port arrivals/departures for Havana and Mariel. OFAC Sanctions List ([ofac.treasury.gov](https://www.ofac.treasury.gov)) — Specially Designated Nationals (SDN) list, Cuba sanctions. US Treasury Press Releases ([home.treasury.gov](https://www.treasury.gov)) — OFAC designation announcements, enforcement actions. USSOUTHCOM / INDOPACOM — Official seizure announcements and press releases (December 2025 - March 2026). Kpler Maritime Analytics — Vessel tracking, cargo estimates, route analysis for ANATOLY KOLODKIN. TankerTrackers.com — Sanctioned vessel monitoring, dark fleet tracking. CiberCuba ([cibercuba.com](https://www.cibercuba.com)) — Cuban media coverage of energy crisis and maritime incidents. Maritime Executive — Industry reporting on UK tracking of Russian tankers, sanctions enforcement. CNBC / Bloomberg — Breaking news on Cuban energy crisis, Russian oil tankers, OFAC actions. UPI / Euronews / The Hill — Reporting on Operation Southern Spear and Russian tanker movements. Atlantic Council — Analysis of US shadow fleet seizure policy and gunboat diplomacy. CSIS (Center for Strategic & International Studies) — Shadow fleet policy analysis. Windward AI — Dark fleet methodology and vessel risk assessment. METHODOLOGY: This report was generated using open-source intelligence (OSINT) collection and analysis. All vessel data sourced from publicly available maritime databases, government press releases, and news reporting. Risk assessments based on OFAC SDN list status, AIS behavior patterns, flag state analysis, vessel ownership transparency, and route analysis relative to sanctioned ports. No classified or non-public data was used in the preparation of this report.

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