Towards an enhanced maritime piracy information network

Space-based capabilities to monitor shipbreaking

Smarter Waste Regulation & Pollution Crime Enforcement conference
13 November 2019 – Brussels
Introducing CLS
OUR VISION
CLS, a global company sharing a common passion: to design and deploy space-based solutions to understand, protect and manage Earth’s resources sustainably.

For Earth, from Space

720 employees
25 locations
Introducing CLS
Shareholders & sectors of activities
CLS’ day to day mission
Operations and data center

Receiving, processing, monitoring, distributing and archiving multi-sources satellite data

24/7 hotline on-call service
SLA
Satellite data to support shipbreaking monitoring
Former name: HMNZS ENDEAVOUR
New name: MV ENDEAVOUR
Former MMSI: 512000400
New MMSI: 542405110
Former Call Sign: ZMRZ
New Call Sign: E6NS2
Former flag: New Zealand
New flag: NIUE.

Departure to India: 2018-03-20 at 0000 UTC.
The ship arrived to India on 2018-04-17 at 1818 UTC (first mooring area). Departure to the deconstruction site on 2018-04-25 at 0900 UTC.

Beaching 2018-04-27 0900 UTC.
Ship ELLE at anchor near Chittagong.

Last position
2018-06-14 at 05:04 UTC

Ship ELLE beached
Planet courtesy (optical) 2018-06-20

Mooring
2018-06-06 to 2018-06-14

© Planet
**HIGHLIGHTS**

The ship stopped twice probably for technical issues.

First stop in French EEZ: 2017-08-28 1000 UTC – 1540 UTC
Second stop: in Greece EEZ: 2017-10-03 1600 UTC – 1800 UTC

**Former name:** City of Antwerp  
**New name:** Yong Chang  
**Former MMSI:** 356459000  
**New MMSI:** 341176000  
**Former call sign:** 3FRY8  
**New call sign:** V4RE3  
**Former flag:** Panama  
**New flag:** St Kitts Nevis
Localization on the ship YONG CHANG (ex CITY OF ANTWERP) in the port of Antwerp.

Planet image: CHONG YANG docked.

From 2017-09-15 to 2017-10-02 the ship is located in a Turkish shipyard. From 2017-09-26 to 2017-09-27 the ship is located into a refitting.

Optical image: detection of the exit of refitting.
The ship arrived to India on 2017-12-21 at 0647 UTC (first mooring area).

Departure to the deconstruction site on 2017-12-21 at 1030 UTC.

Beaching 2017-12-23 0100 UTC.
Visualization of the deconstruction of the ship EKTA.

The ship arrived on the site on October 6, 2017.

At the beginning of November 2017, the demolition of the ship is advanced.

At the end of November 2017, one third of the ship is deconstructed.

At the end of December 2017, the ship is half deconstructed.

At the end of May 2018, the ship is almost completely deconstructed.
YETAGUN FSO

MMSI: 308985000
IMO: 7714959

Call Sign: -
Flag: Bahamas
AIS Vessel Type: Floating Storage
Gross Tonnage: 51556 t
Deadweight: 86750 t
Length x Breadth Extreme: 245m × 42m
Year Built: 1979
Status: decommissioned

Sentinel 2 2018-05-06
YETAGUN FSO

MMSI: 308985000
IMO: 7714959

Call Sign: -
Flag: Bahamas
AIS Vessel Type: Floating Storage
Gross Tonnage: 51556 t
Deadweight: 86750 t
Length x Breadth Extreme: 245m × 42m
Year Built: 1979
Status: decommissioned
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MMSI: 308985000
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Call Sign: -
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AIS Vessel Type: Floating Storage
Gross Tonnage: 51556 t
Deadweight: 86750 t
Length x Breadth Extreme: 245m x 42m
Year Built: 1979
Status: decommissioned
Analysis:
The tug RESOLVE MONARCH arrived on the zone on September 3rd. The tug will then tow the YETAGUN to Alang.
Both ships left on September 5th at 07:00 UTC.
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Path from PT.ASL Shipyard Indonesia to Alang Bay
September 5 – October 2

10/02/2018 03:56:17 20.39942°, 71.02803° 51.8° 4.2 kt
09/30/2018 09:12:04 17.48311°, 70.3936° 344.2° 4.4 kt
09/25/2018 21:04:44 11.38016°, 74.15534° 328.8° 4.8 kt
09/19/2018 00:39:09 5.52571°, 82.81302° 259.8° 4.2 kt
09/10/2018 23:07:38 6.26088°, 95.56491° 283.7° 5.4 kt
09/23/2018 11:51:34 7.63543°, 76.60251° 307.5° 5 kt
09/14/2018 20:59:20 5.98474°, 88.92063° 278.6° 3.4 kt
09/05/2018 09:34:10 1.14539°, 103.90786° 11.8° 3.4 kt
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Arrival in the Alang region
October 2 – October 3
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IMO: 7714959

Call Sign: -
Flag: Bahamas
AIS Vessel Type: Floating Storage
Gross Tonnage: 51556 t
Deadweight: 86750 t
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Year Built: 1979
Status: decommissioned

Waiting before dismantling
October 3 – November 4

Analysis: the AIS of the ship is definitely stopped on November 4 at 18:01 UTC.
YETAGUN FSO
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IMO: 7714959

Call Sign: -
Flag: Bahamas
AIS Vessel Type: Floating Storage
Gross Tonnage: 51556 t
Deadweight: 86750 t
Length \times Breadth Extreme: 245m \times 42m
Year Built: 1979
Status: decommissioned
YETAGUN FSO
MMSI: 308985000
IMO: 7714959

Call Sign: -
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AIS Vessel Type: Floating Storage
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Analysis:
the ship was beached between November 4 and November 9.
YETAGUN FSO

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January 23, 2019: L: ~170 m
February 02, 2019: L: ~125 m
February 22, 2019: L: ~90 m
March 09, 2019: L: ~65 m
March 19, 2019: L: ~45 m
March 24, 2019: L: ~30 m
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YETAGUN FSO is no longer visible on the site from April 8 2019.
Thank you!

Questions?

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