

IMSC



Vigilance

Surveillance

Assurance

International Maritime Security Construct
Vigilance, Surveillance, Assurance

ALB AUS BAH KSA UAE UK US Additional Countries Welcome



THE WHY...

- The region contains some of the most important choke points in the world - 17,000 ships each year transit through the Bab el-Mandeb Strait. One-sixth of global oil production and one-third of the world's liquified natural gas transit the Strait of Hormuz.
- An increase in malign activity during 2019 threatened freedom of navigation through these critical waterways. A disruption of seaborne trade in the Middle East will send ripples throughout the world economy.

THE WHAT.... The International Maritime Security Construct will:
Maintain freedom of navigation, international law, and free flow of commerce to support regional stability and security of the maritime commons.

THE HOW... OPERATION SENTINEL

International solution to an international problem. Six nations (as of Oct. 19) have joined the International Maritime Security Construct to demonstrate their commitment to the international rules-based system. IMSC is complementary to other international maritime missions and existing reporting systems in the region, that promote maritime security.

Reassurance to the global merchant community. We are committed to ensuring legitimate mariners have unrestricted use of international waterways. We will maintain contact with the merchant vessel community and partner nations through regular maritime VHF safety calls, and by sharing of Maritime Domain Awareness information.

Credible deterrence of malign activity. We will maintain a persistent presence and vigilance in the area of operations. Large naval vessels (Sentinels) such as frigates and destroyers are providing overwatch of critical choke points; smaller naval vessels (Sentries) such as patrol craft and corvettes are patrolling between them; and airborne surveillance is monitoring the flow of traffic through the highest risk areas. This is underpinned by an international HQ and supporting infrastructure in Bahrain.



**Lt Sam Yee
 Royal Navy**

*IMSC
 Maritime Trade Operations
 Lead*

International Maritime Security Construct

Vigilance, Surveillance, Assurance



Why?

Who?

What?

The region is one of the most important in the world - 17,000 ships each year transit through the Bab el Mandeb, one-sixth of global oil and one-third of the world's liquefied natural gas transit the Strait of Hormuz. The region's security during 2019 threatened freedom of navigation through these critical waterways. A disruption in the Middle East will send ripples throughout the world economy.

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How?



Where?

Lt Sam Yee
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IMSC
Maritime Trade Operations
Lead



Who?



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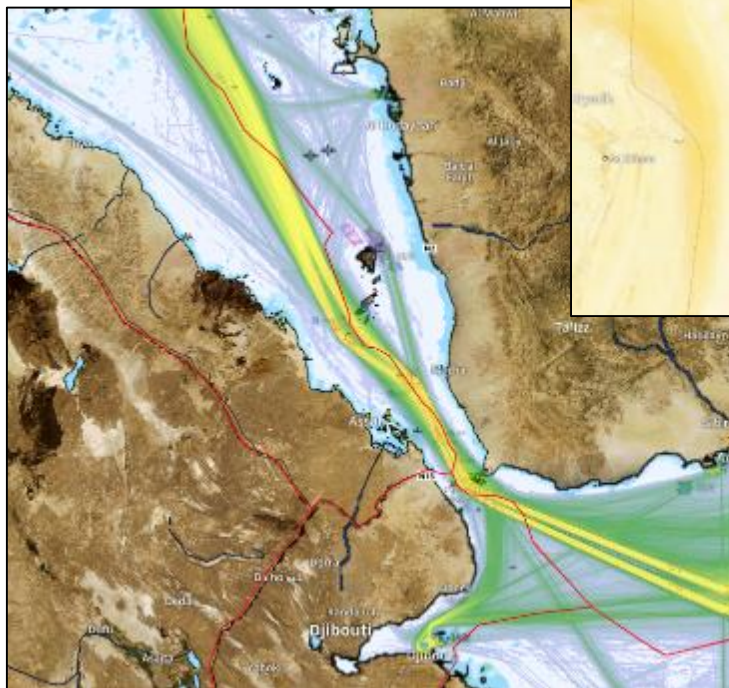
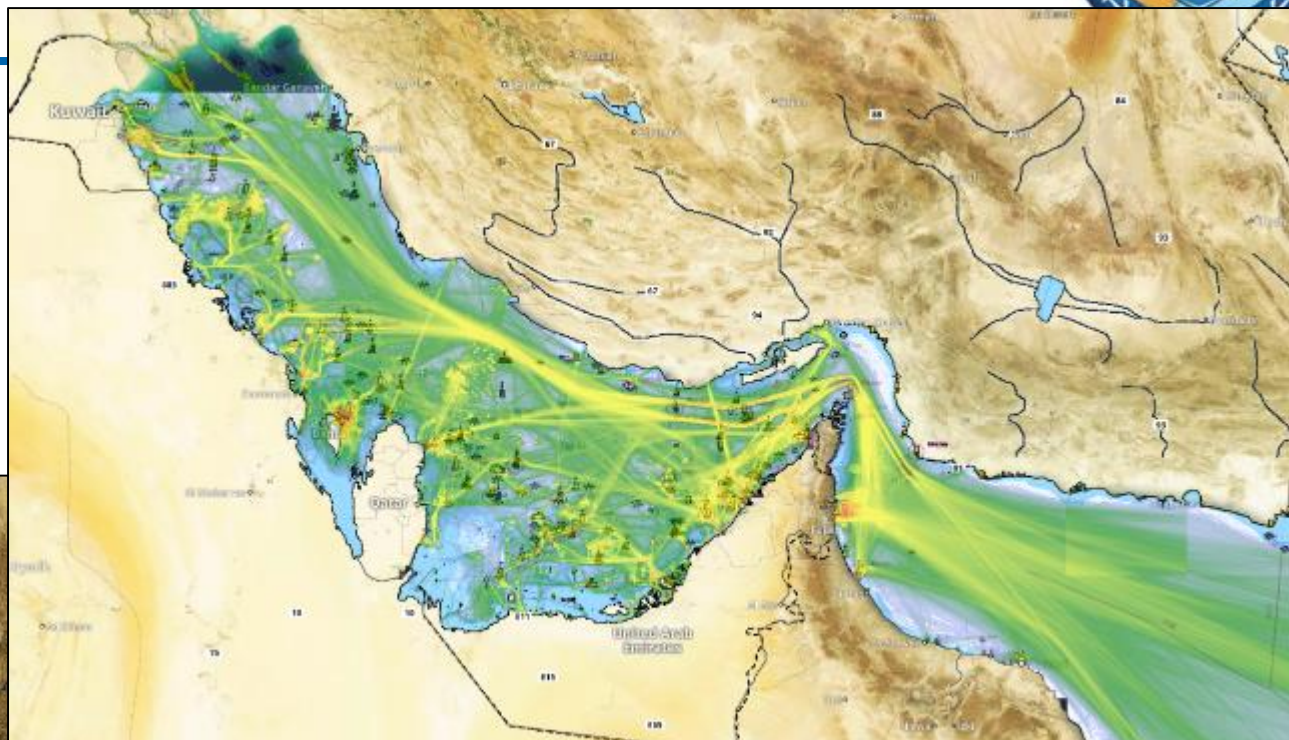
As of Nov. 4, 2019

- **Aug 19**
 - US / UK
- **Sep 19 - 6 countries**
 - Australia
 - Bahrain
 - Kingdom of Saudi Arabia
 - United Arab Emirates
- **Initial Operating Capability - 7 Nov 19**
 - 6 plus Albania (1 Nov 19)
- **6 + Countries expressing an interest = political decision**



Global Maritime Trade

Why?



- Strategically vital chokepoints
- **17000** ships transit Suez Canal, into the region each year
- Over **9000** vessels operate in region each day
- **One sixth** of global oil production / **one third** of world's Liquefied Natural Gas transit Strait of Hormuz



Why?

Commercial Shipping is Multinational

SHIPS TRANSITING STRAIT OF HORMUZ JUNE 2019



BY FLAG

BY OWNER

FLAG **OWNER** **MANAGER** **MORTGAGE** **CHARTERER**

INSURANCE **CREW** **CARGO**

RE-INSURANCE



IMSC – Shipping Update

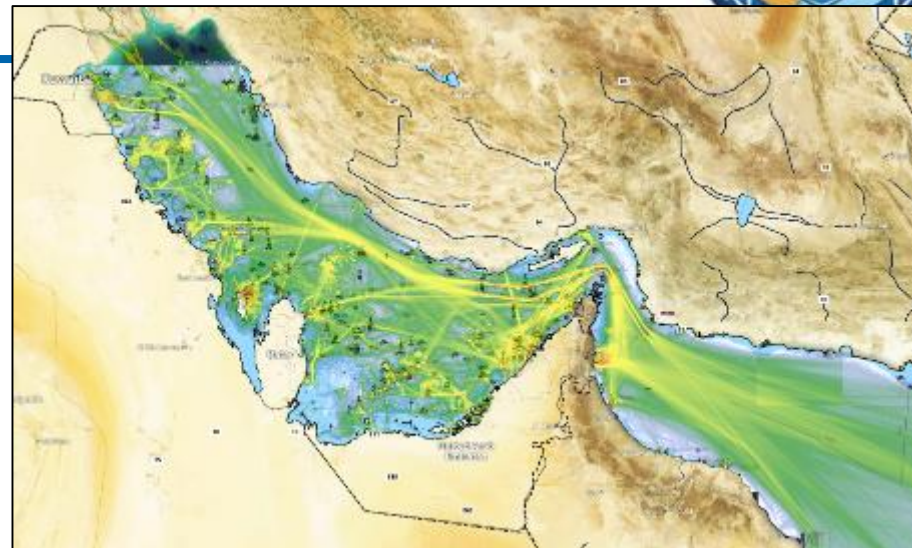
Why?

STRAIT OF HORMUZ – 2 month period Jul/Aug 19

Total number Tankers (3,100) 6,172

- U.S. Flag 32
- U.S. Owned / Other Flag 82
- UK/Red Ensign Group (REG) 64
- Bahrain Flag 12
- Australia Flag 0

Daily Average (117 total, 59 tankers)



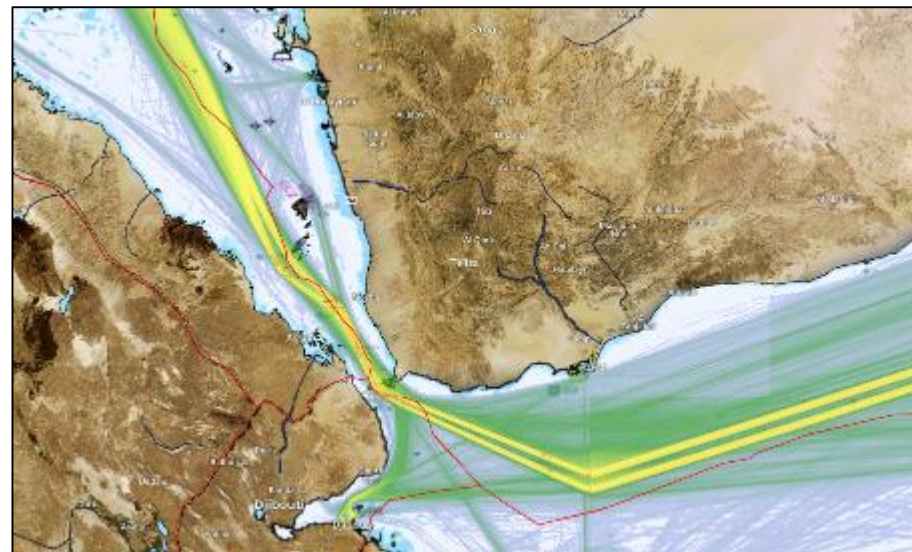
BAB AL MENDEB – 2 month period Jul/Aug 19

Total number Tankers (705) 2,343

- U.S. Flag 23
- U.S. Owned / Other Flag 65
- UK/Red Ensign Group (REG) 82
- Bahrain Flag 0
- Australia Flag 0

Daily Average (44 total, 13 tankers)

Note: Numbers based on AIS polling.





IMSC Nations Ship Counts



Count from AIS Live

Country	Total ships	Cargo vessels	Tankers
Albania	0	0	0
Australia	0	0	0
Bahrain	213	6	1
Saudi Arabia	200	3	46
United Arab Emirates	485	6	7
United States	29	16	0
United Kingdom	45	8	6
Red Ensign Group (w/UK)	113	16	35
Total:	1085	49	95

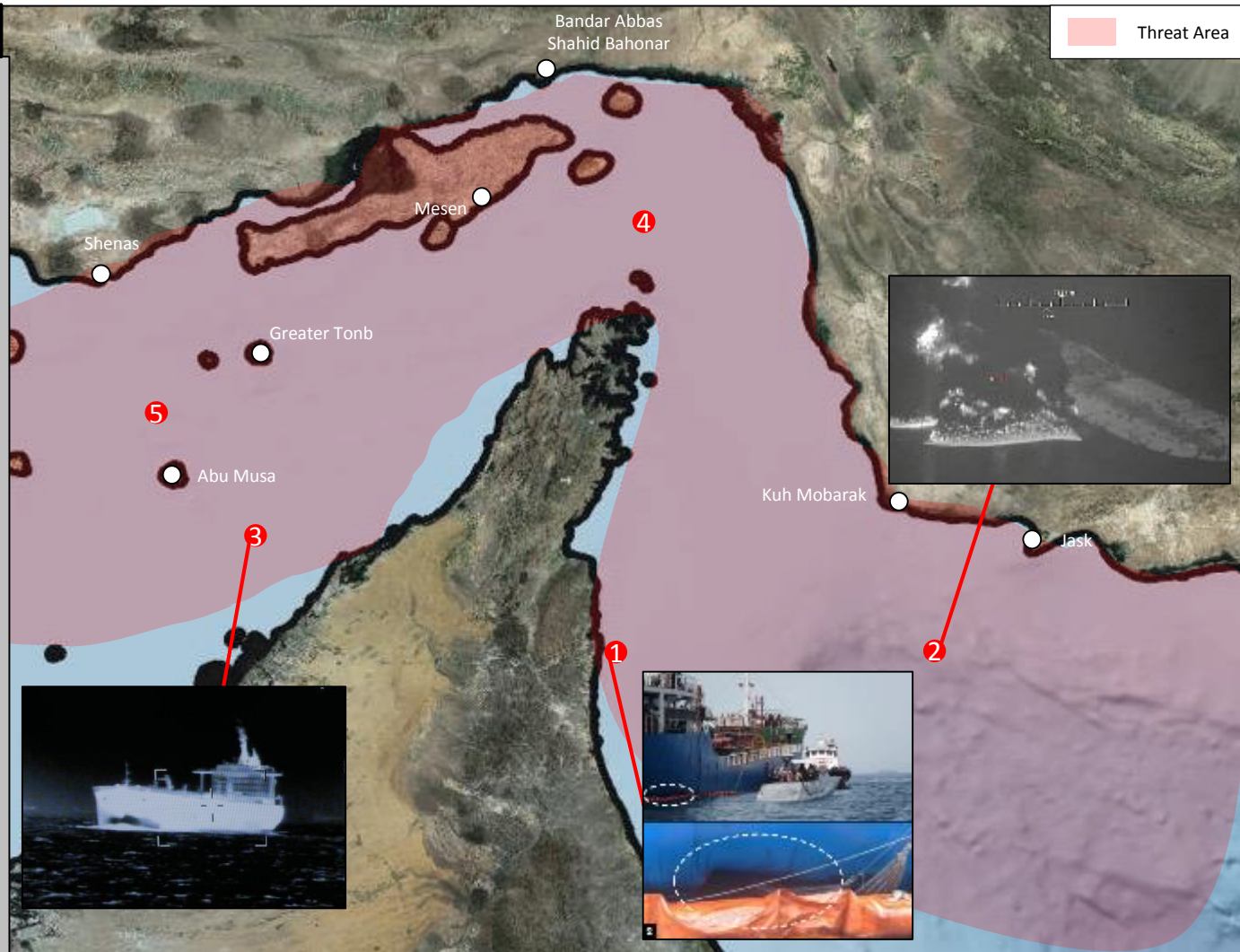
Snapshot –Middle East 1100z 17 Nov 19

Why?

State-Sponsored Malign Activity

Malign Activity Summer 19

- 1 **12 MAY:** Four Saudi, Emirati, and Norwegian vessels at anchor damaged by limpet mines.
 - 2 **13 JUN:** The MV KOKUKA COURAGEOUS and MV FRONT ALTAIR were attacked by limpet mines.
 - 3 **10 JUL:** Attempted seizure of UK vessel MV BRITISH HERITAGE
 - 4 **19 JUL:** The British flagged M/V STENA IMPERO seized – released 25 Sep
 - 5 **19 JUL:** Liberian flagged M/V MESDAR seized in and subsequently released.
- **14 SEP:** Saudi oil refinery attacked



The threat to merchant traffic from state-sponsored malign activity remains elevated = global impact

What?

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COMMANDER'S INTENT

The International Maritime Security Construct will:

Assure merchant vessels; deter and expose malign activity and threats to shipping, in order to maintain Freedom of Navigation, international law, and free flow of commerce to support regional stability and security of the maritime commons



How?

THE HOW... OPERATION SENTINEL

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International solution to an international problem
Assurance of the global merchant community
Credible deterrence of malign activity

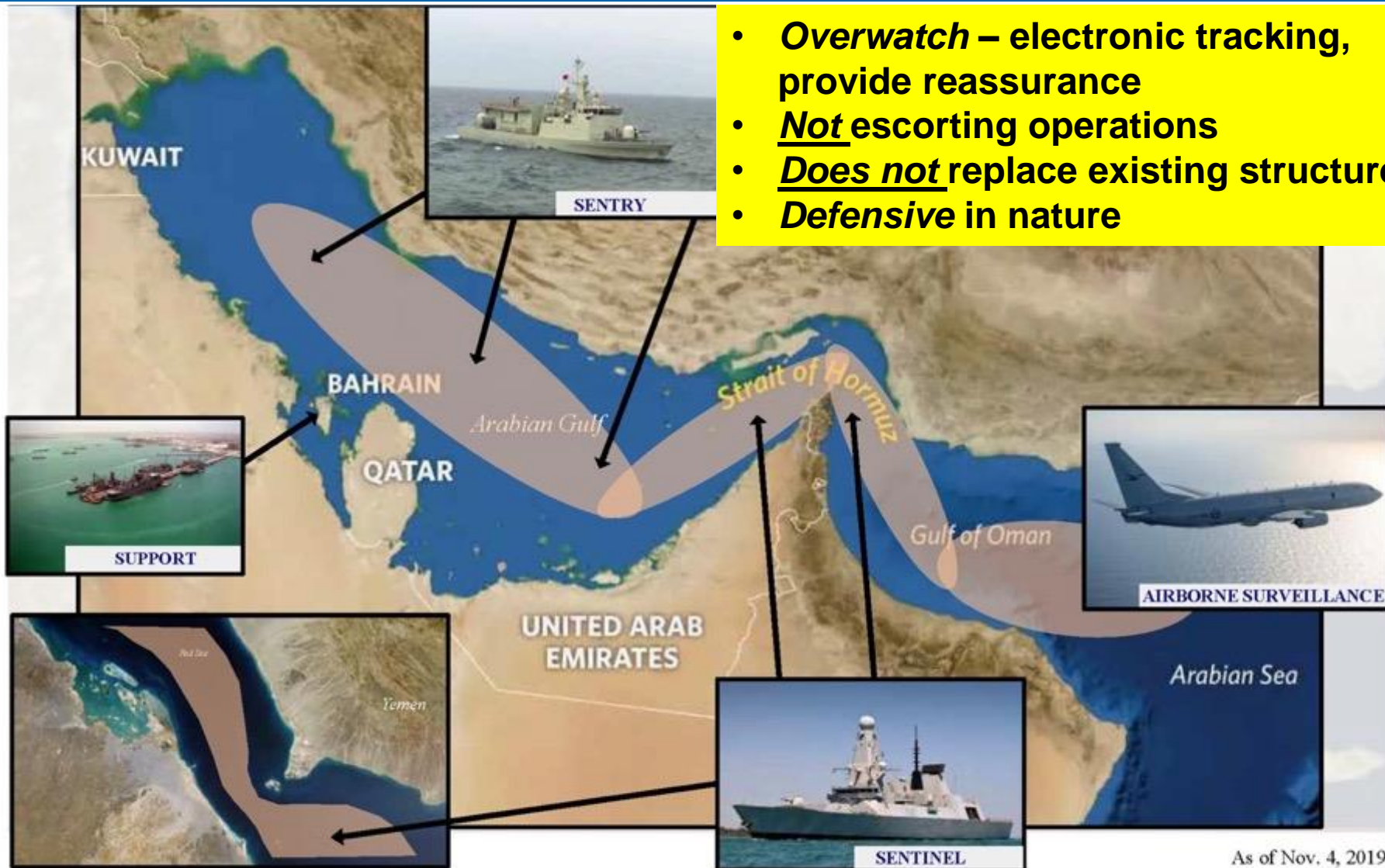
How?

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International Military Force

- *Overwatch* – electronic tracking, provide reassurance
- Not escorting operations
- Does not replace existing structures
- *Defensive* in nature

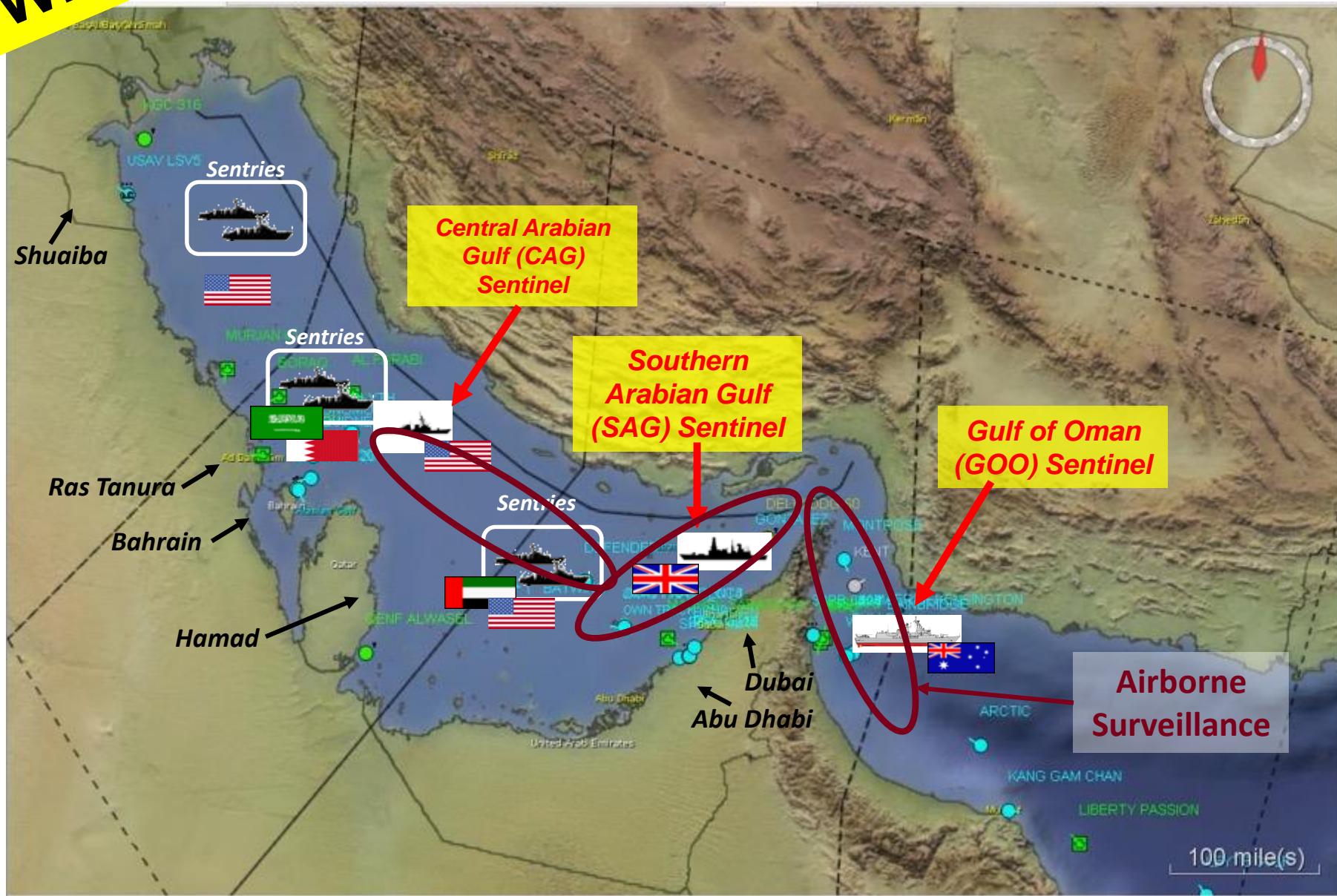


As of Nov. 4, 2019

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Where?

IMSC Operations today - representative





How?

Maritime Trade Operations

SUBSOUT TRANSITS

NEXT 24 HOURS
- NIL

NEXT 48 HOURS
- NIL

NEXT 72 HOURS
- NIL

NEXT 96 HOURS
- NIL

OUTSIDE 96 HOURS

27. MAERSK KENSINGTON / CONT
USA / USA / USA / USA CST
UW / ARR SAL 101430ZSEP19
SOH-O / 150900ZSEP19 18.5 KTS

- 22 US-FLAG VESSELS OF ALL SIZES IN NAVCENT AOR
- 99 US-OWNED BUT NOT US-FLAG MERCHANT VESSELS OF ALL SIZES IN NAVCENT AOR
- 121 TOTAL US-OWNED AND/OR US-FLAG MERCHANT VESSELS OF ALL SIZES IN NAVCENT AOR

- 5 LARGE US-FLAG MERCHANT VESSELS IN THE AG/GOO
- 27 LARGE US-OWNED BUT NOT US-FLAG MERCHANT VESSELS IN THE AG/GOO
- 32 LARGE US-OWNED AND/OR US-FLAG MERCHANT VESSELS IN THE AG/GOO



57 LARGE US-OWNED AND/OR US-FLAG MERCHANT VESSELS IN NAVCENT AOR

IN THEATER (22)

	IN	OUT
Tanker	1	1
Dry Cargo	4	7
Tug	0	2
Sailing	2	0
Dredging	2	0
Other	1	0
Private	0	2
Totals	10	12

NOTES:

- (27) MAERSK KENSINGTON
- (27) MAERSK KENSINGTON

TRADING INTERNAL TO AG

1. MAERSK SARATOGA / CONT
USA / USA / USA / USA
UW / ARR KWT 110800ZSEP19
TRADING INTERNAL TO AG 14.5 KTS

2. APL GULF EXPRESS / CONT
USA / USA / USA / USA
IPT / DEP BAH 101300ZSEP19
TRADING INTERNAL TO AG

20. LIBERTY PRIDE / RORO
USA / USA / USA / USA CST
COI + 3 WK SHIPYARD BAH
SOH-O / 220900ZSEP19

LARGE CARGO VESSELS

- TANKER
- DRY CARGO

LEGEND:

VESSEL NAME / VESSEL TYPE
FLAG / OWNER / CREW / CARGO OWNER SECURITY TEAM
STATUS / NEXT PORT ARR / DEP DTG
CHOKE POINT XSIT / ETA TSS DTG SPEED OF ADVANCE

SOH - IN TRANSITS

NEXT 24 HOURS
- NIL

NEXT 48 HOURS
- NIL

NEXT 72 HOURS

27. MAERSK KENSINGTON / CONT
USA / USA / USA / USA CST
UW / ARR SAL 101700ZSEP19
SOH-I / 131600ZSEP19 18.5 KTS

NEXT 96 HOURS
- NIL

OUTSIDE 96 HOURS

MAERSK MICHIGAN / TANK
USA / USA / USA / USA CST
XSIT IAW CTF53 SOM
MSC TIME CHARTER

24. SLNC YORK / CONT
USA / USA / USA / USA CST
UW / ARR SING 220100ZSEP19
DEPARTING GOO 14 KTS

Each IMSC partner produces Maritime Trade product, according to national procedures



Maritime Trade Operations

From 09 Jul: 88 vessels / 6,616,836 tonnes of shipping protected
 From 23 July: 55 vessels accompanied

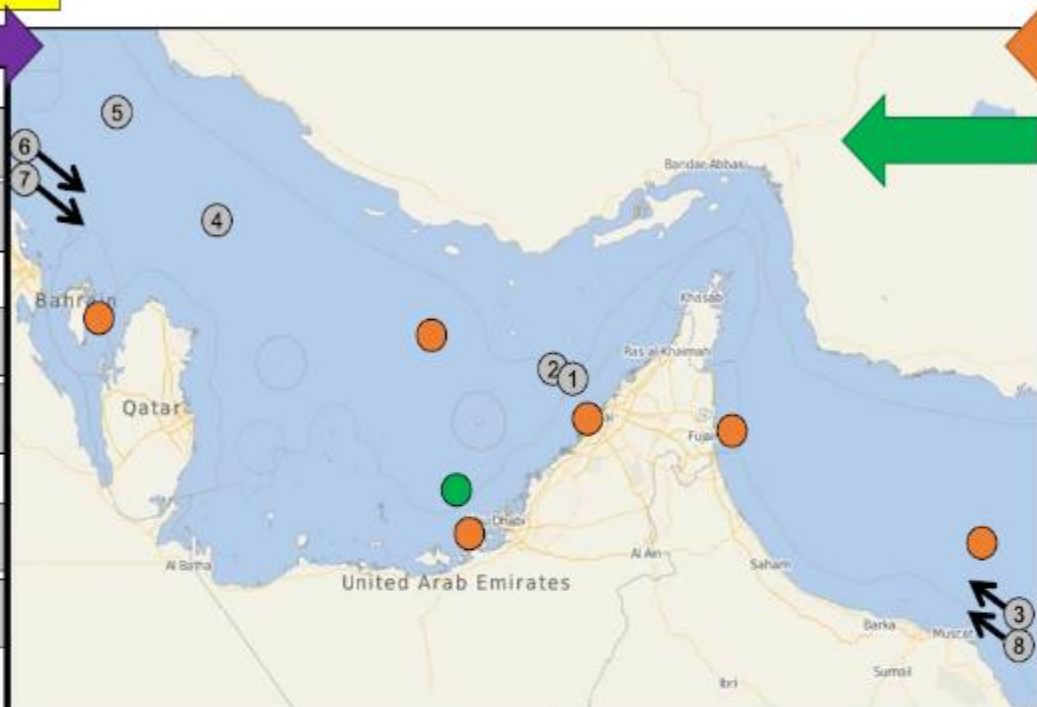
OFFICIAL - REL US

AS OF 100130ZSEP19

Red Ensign Group Vessels Transiting SOH

EASTBOUND / OUT

WESTBOUND / IN



- PLANNED: IN PROGRESS**
- 1. XIAMEN / CONTAINER VESSEL
9318151 / UK / UK / 0 / 24 / 10 AM SEP19
 - 2. STOLT CALLUNA / TANKER
9744893 / UK / NL / 0 / 12.5 / 10 AM SEP19
- PLANNED: 12 PM SEP19**
- 4. NORDIC POLLUX / TANKER
9239848 / CJ / BD / 0 / 15 / 12 PM SEP19
- PLANNING: 14 PM SEP 19 (TBC)**
- 6. STAR PLOEG / TANKER
9749790 / CJ / NO / 3 / 12 / 14 SEP PM
 - 7. BW GALLIUM / TANKER
9740782 / IM / SN / 0 / 14 / 14 SEP PM

- PLANNED: 11 AM SEP19**
- 3. DREGGEN / TANKER
9416070 / CJ / NO / 0 / 14 / 11 AM SEP19
- SPARE: 13 SEP PM**
- SPARE TRANSIT 13 SEP PM**
- PLANNED: 15 PM SEP19**
- 8. KAMILLA KOSAN / LPG TANKER
9368194 / IM / DA / 0 / 16 / 15 PM SEP19

Vessels transiting with UK POB:
 AL REKAYYAT
Other UK BEN vessels transiting:
 AL DAAYEN / ALSACE / HARBOUR
 SPLENDOR / MAERSK KAMPALA /
 VISION SPIRIT
UK REG in AG expected to transit:
 LEONORA KOSAN / STOLT LERK /
 INDIAN EXPRESS /
UK REG in Jebel Ali:
 IBERIAN EXPRESS / INDIAN
 EXPRESS / VENUS BAY
 Total vessels transiting that report to
 UKMTO: 27

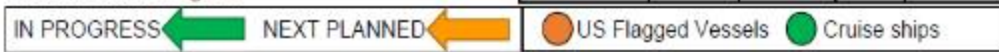
LEGEND:
 X. VESSEL NAME / TYPE
 IMO / FLAG / BEN / UK POB / SOA (kts)
 Date of requested transit

NOTES: Tugs / Gulf Runners which remain in the Arabian Gulf are not shown, but are included in overall figures

No. of Vessels - Inc. Red Ensign Group (REG)

	BAM	AG	GOO	JOA
UK Flag	3	24	0	30
Other REG	12	28	1	54
UK POB	36	63	5	135

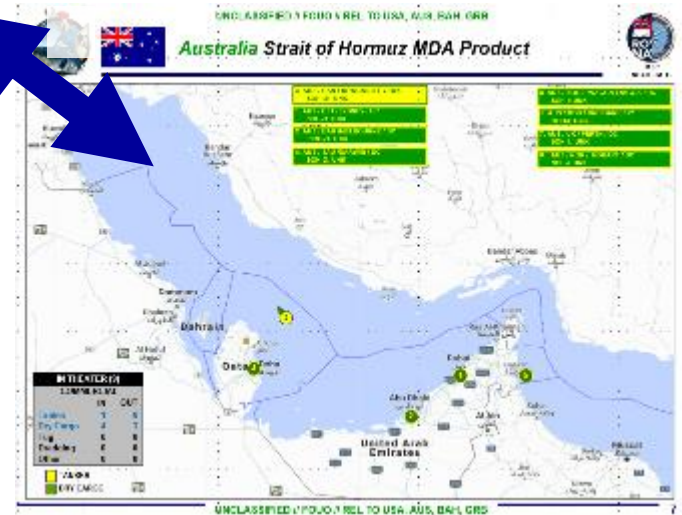
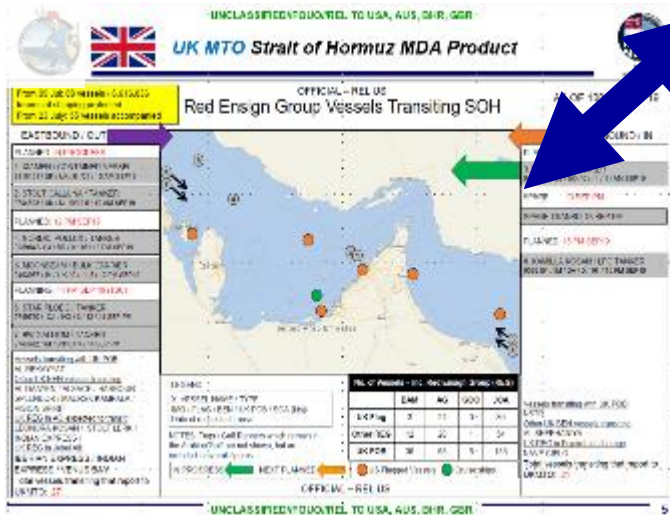
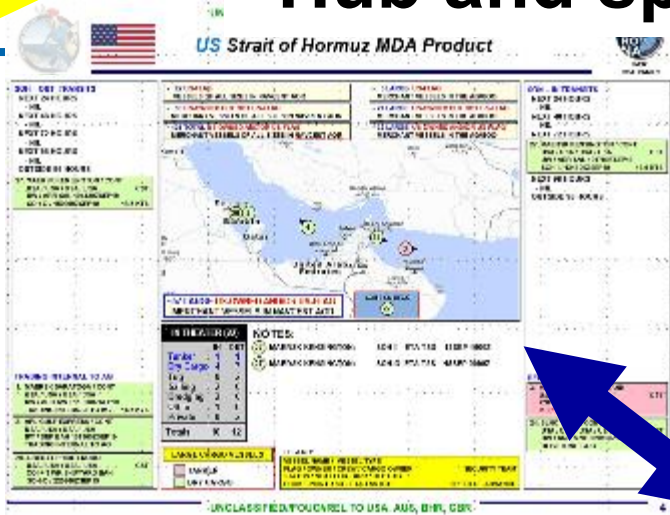
Vessels transiting with UK POB:
 NSTR
Other UK BEN vessels transiting:
 AL SHEEHANIYA
UK REG in Fujairah anchorage:
 NAVE CIELO
 Total vessels transiting that report to
 UKMTO: 21





How?

Maritime Domain Awareness 'Hub and spoke' information flow





How?

IMSC Tank and Cargo Vessels Inside AG/GOO (16)

SOH - OUT TRANSITS

NEXT 24 HOURS
AB. UK / UK / BAHRI BULK / BULK SOH-O: 17 NOV AM
AC. UK / UK / BRIGHTON / CONT SOH-O: 17 NOV AM
AE. UK / UK / AL MAHBOOBAH / TANK SOH-O: 17 NOV PM
AG. UK / UK / STENA IMMORTAL / TANK SOH-O: 18 NOV AM
NEXT 48 HOURS
-NIL
NEXT 72 HOURS
AD. USA / USA / LIBERTY PEACE / RORO SOH-O: 20 NOV AM
NEXT >96 HOURS
AH. SA / SA / BAHRI TRADER / BULK SOH-O: TBD
AP. USA / USA / GREEN LAKE / RORO SOH-O: TBD



SOH - IN TRANSITS

NEXT 24 HOURS
AA. UK / UK / LEONORA KOSAN / TANK SOH-I: In Progress
AF. UK / UK / DHT RAVEN / TANK SOH-I: 18 NOV AM
AH. SA / SA / BAHRI TRADER / BULK SOH-I: 18 NOV AM
AI. SA / SA / HILWAH / TANK SOH-I: 18 NOV AM
AJ. SA / SA / KHAFJI / TANK SOH-I: 18 NOV AM
NEXT 48 HOURS
AK. UK / UK / EVER SMILE / TANK SOH-I: 19 NOV AM
NEXT 72 HOURS
-NIL
NEXT >96 HOURS
AQ. USA / USA / MAERSK SENTOSA / RORO SOH-I: 22 NOV PM
AR. USA / USA / SAFMARINE NGAMI / RORO SOH-I: 25 NOV PM

NOTES:

AA	LEONORA KOSAN	SOH-I	ETA TSS	IN PROGRESS
AB	BAHRI BULK	SOH-O	ETA TSS	17 NOV AM
AC	BRIGHTON	SOH-O	ETA TSS	17 NOV AM
AE	AL MAHBOOBAH	SOH-O	ETA TSS	17 NOV PM
AG	STENA IMMORTAL	SOH-O	ETA TSS	18 NOV AM
AF	DHT RAVEN	SOH-I	ETA TSS	18 NOV AM
AH	BAHRI TRADER	SOH-I	ETA TSS	18 NOV AM
AI	HILWAH	SOH-I	ETA TSS	18 NOV AM
AJ	KHAFJI	SOH-I	ETA TSS	18 NOV AM
AD	LIBERTY PEACE	SOH-O	ETA TSS	20 NOV AM

TRADING INTERNAL TO AG

AL. USA / USA / M. SARATOGA / CONT TRADING INTERNAL TO AG
AM. USA / USA / GULF EXPRESS / CONT TRADING INTERNAL TO AG
AN. UAE / UAE / AL SALMY 5 / RORO TRADING INTERNAL TO AG
AO. BHR / BHR / FATIMA-2 / BULK TRADING INTERNAL TO AG

LEGEND:

LARGE CARGO VESSELS

TANKER

DRY CARGO

FLAG / BEN / NAME / TYPE

CHOKE POINT ETA

DEPARTING GOO

How?

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IMSC Tank and Cargo Vessels Outside AG/GOO (10)

BAM – SOUTH TRANSITS

NEXT 24 HOURS

-NIL

NEXT 48 HOURS

AX. UK / UK / BRITISH RESTRAINT/ TANK

BAM-S: 19 NOV AM



AW. UK / UK / MID FALCON/ TANK

BAM-S: 19 NOV AM



BA. SAU / SAU / NCC HUDA / TANK

BAM-N: 19 NOV AM



BB. UK / UK / BW MERCURY/ TANK

BAM-S: 19 NOV AM



NEXT 72 HOURS

-NIL

NEXT >=96 HOURS

AT. USA / USA / ALLIANCE ST LOUIS / RORO

BAM-S: 21 NOV AM



AS. USA / USA / LIBERTY GRACE / BULK

BAM-S: 01 DEC AM



BAM – NORTH TRANSITS

NEXT 24 HOURS

-NIL

NEXT 48 HOURS

-NIL

NEXT 72 HOURS

BC. GBR / GBR / BRITISH MENTOR / TANK

BAM-N: 19 NOV AM



AU. USA/USA/ OCEAN GLORY / HVY

BAM-N: 20 NOV PM



NEXT >=96 HOURS

AV. USA/USA/ MAERSK COLUMBUS /CONT

BAM-N: 23 NOV PM



NOTES:

(AX)	BRITISH RESTRAINT	BAM-S	ETA TSS	19 NOV AM
(AW)	MID FALCON	BAM-S	ETA TSS	19 NOV AM
(AU)	OCEAN GLORY	BAM-N	ETA TSS	20 NOV AM
(AT)	ALLIANCE ST. LOUIS	BAM-S	ETA TSS	21 NOV AM
(AV)	MAERSK COLUMBUS	BAM-N	ETA TSS	23 NOV PM
(AS)	LIBERTY GRACE	BAM-S	ETA TSS	01 DEC AM
(BC)	BRITISH MENTOR	BAM-N	ETA TSS	19 NOV AM

LEGEND:

LARGE CARGO VESSELS

TANKER

DRY CARGO

FLAG / BEN / NAME / TYPE
CHOKE POINT ETA

AQ. USA / USA / MAERSK SENTOSA / RORO
SOH-I: 22 NOV PM



AR. USA / USA / SAFMARINE NGAMI / CONT
SOH-I: 25 NOV PM



AZ. USA/USA / OCEAN GRAND / HVY
TBD



DEPARTING AO

AH. USA/USA / NORFOLK / CONT
DEPARTING AO



170600ZNOV19

UNCLASSIFIED

How?

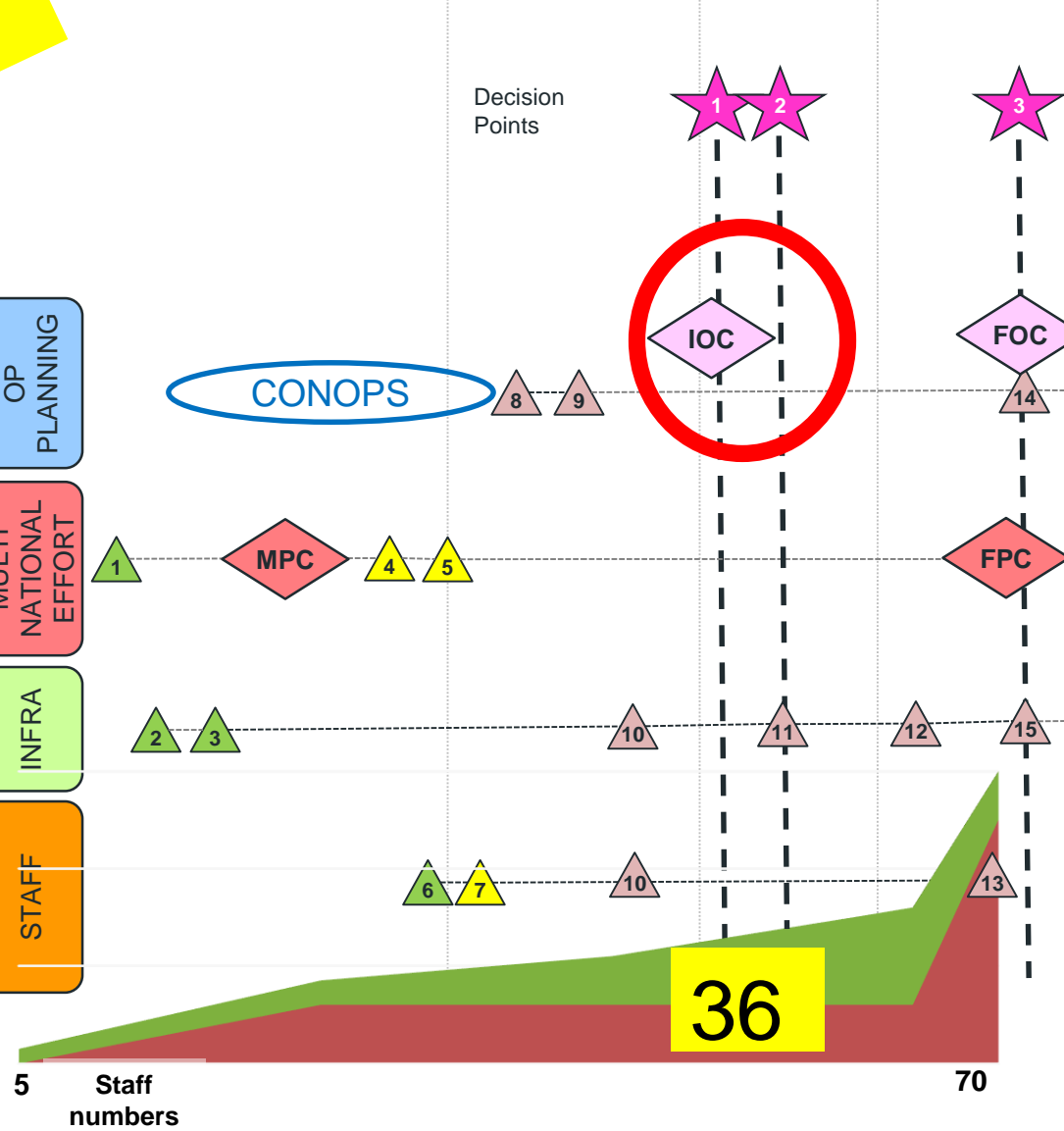


SEP	OCT	NOV	DEC	JAN
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Intent:

Support delivery of IMSC CTF

- OP PLANNING
- MULTI NATIONAL EFFORT
- INFRA
- STAFF



Objectives:

IOC

- Functioning HQ

FOC

- HQ functioning / manned with partner nations, Force Flow sufficient

End State:

A coalition CTF delivering IMSC objectives

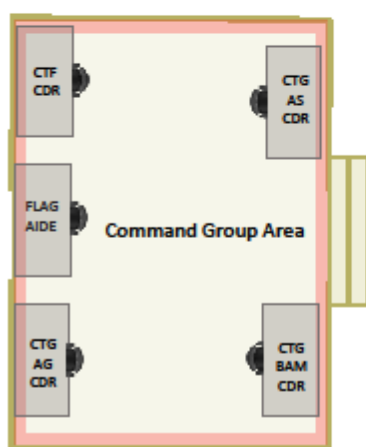
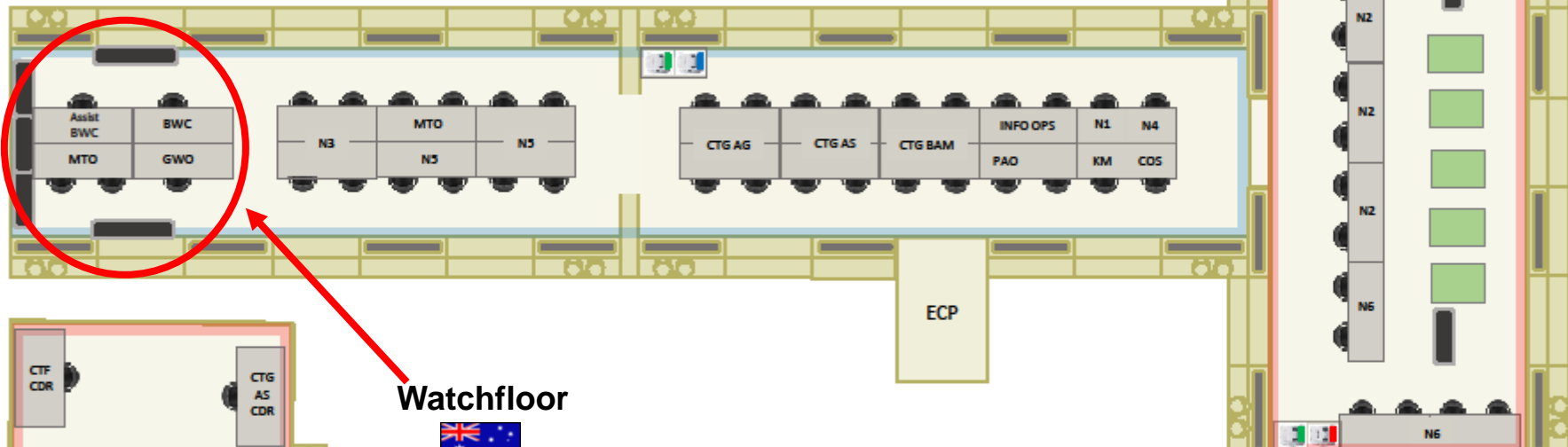
DELIVERING IMSC

■ International

■ US

How?

IMSC Headquarters - Bahrain



Watchfloor





NEWS / IRAN

US-led coalition launches operation to protect Gulf waters

Naval coalition aims to ward off perceived Iran threat to the world's oil supply following string of attacks on tankers.

7 Nov 2019



Vice Adm Malloy addressing the audience



How? Initial Operating Capability 7 Nov 19



The operational center of the International Maritime Security Construct (IMSC) following its opening at the US 5th Fleet Command in Bahrain. (AFP)



Cake-cutting to mark the launch of Operation Sentinel

International Maritime Security Construct

Vigilance, Surveillance, Assurance



Why?

Who?

What?

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regional stability and security of the maritime community.

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Where?

Lt Sam Yee
Royal Navy

IMSC
Maritime Trade Operations
Lead

IMSC



Vigilance

Surveillance

Assurance