



## **BLUEMASSMED OPERATIONAL SCENARIO 4.**

### **ILLEGAL TRAFFICKING OF NARCOTICS**

**Developed by PT PN.**

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## 1. Introduction.

The purpose of this document is to define the operational scenarios to be used in order to test the operational effectiveness of the Blue Mass Med network.

The operational scenarios provide the background required in order to promote the validation of all BMM System Services and the Information Exchange Requirements (basic and non basic) between the nodes of the network, and therefore, the scenarios describe the tasks and activities, operational elements, and information exchanges required to accomplish the mission.

This document has to be read in conjunction with the latest edition of the BMM Demonstration Plan.

In the following sections a detail description of one operational scenario. All the information provided is fictional and the only purpose is to help to test the network and the services. The basic / non basic information which is intended to be exchanged between BMM partners is fictional, and therefore the issue of whether the information is unclassified / sensitive or classified is not applicable in the context of this document.

This operational scenario promotes the exchange of information based on an existing Shared Basic Common Maritime Picture (SBCMP) and they are designed to use all the services available, both core services and common services. In this regard, the scenario should provide opportunities to create new tracks, to update existing tracks, to assign or modified track numbers, or the deletion of an existing track. They also provide opportunities to exchange track historic data among the authorised nodes, to communicate among the nodes (via internet type e-mail, chats, IP phoning, etc...), to exchange imagery products (static media files, streaming media file, including satellite imagery) or to exchange mapping information.

### NOTE

- This operational scenario has been developed with the most current technical information available and it will be adapted to the services and information exchange requirements implemented by each node.
- It is imperative that the individual nodes with active involvement in this scenario check the feasibility to perform the tasks specified. In any case will inform the designated PN responsible person the availability of its node to conduct the operational demonstration

## 2. General description of the Scenario.

This BMM Operational Scenario has an initial description in which it is explained in general terms the initial situation and the surrounding circumstances. Starting from the initial situation the scenario is developed with different actions occurring upon which the BMM partners take measures to prevent the dangerous situation from occurring or to mitigate the effects.

Following the description there is a graphical map of the scenario, and a list of injections and the information exchange occurring amongst BMM partners.

The exact format of the information exchange will be established during the trials in accordance with the services developed by each node.

Finally a list of the partners involved in each scenario is shown.

### Illegal trafficking of narcotics.

#### Description

EUROPOL has sent a warning notice about a motor vessel that left a port of the Caribbean Sea with a cargo of coffee beans to Piraeus, which disguise a large shipment of cocaine. EUROPOL calls to the BMM members to coordinate screening activities and support law enforcement agency operations.

EUROPOL intelligence report confirms the intent of a drug cartel to transfer the drug cargo into trawlers in several locations along the Mediterranean Sea. The mother ship is going to be disguised with different color scheme and structural layout.

During MV GN route, Greek customs report an ongoing investigation involving MV GN, giving notice to community of interest of the ship's intentions along the route.

The mother ship approaches the Strait of Gibraltar from a position South of Madeira Island following the regular commercial route. In the middle of the leg she changes her basic features to make difficult the identification while in the Strait.

After the crossing, the mother ship sails towards a position close to the port of Almeria where she makes the first cocaine transfer to a trawler. The next two legs lead the mother ship to hug the Algerian coast up to a location South of Sardinia Island where a new trawler pick up more of the cocaine cargo. In the course of the forth leg the vessels changes again her aspect.

The fifth leg ends up in a position between Sicily and Malta islands where cocaine

cargo is transferred to two fast boats, and from there, and after a last change of features to return to the original ones, the vessel sails to Piraeus port where the final transfer is carried out to a pleasure boat.

### Map.



### Injections and Information Exchange.

MAOC N informs PT on MV Good Nose heading for the Mediterranean to unload her cocaine cargo. MAOC N suggests PT to use BMM network to track, identify MV Good Nose (GN) and to help law enforcement authorities to interdict the vessel once enough evidence is gathered.

**T1:** PT (PN) request information services on MV GN

**T2:** IT (Drugs) locates MV thru LRIT and feeds it into SCBMP.

PT authorities send an aircraft (PAF) for visual identification. Location, unsuccessful.

GR sends an alert on MV GN, to Customs and Police Community of interest, reporting that this ship is under a criminal investigation, related to trafficking of drugs. National and International Judiciary authorities involved

**T3:** PT (PN) request IT (PN) Wide Area Suspect vessel Detection Service (satellite image) IT (PN) provides Satellite image, inserted into SCBMP image includes one

ships, MV GN.

SP (DAVA) sends an aircraft for visual identification of suspect contact.

**T4:** SP (DAVA) inserts information on the vessel, including track and pictures.

**T5:** SP (GC) updates information on suspect vessel conducting illegal activities off the coast of Almeria. Provides evidence of the mother ship GN unloading part of the cargo on a fishing vessel (correlates VMS information).

**T6:** FR (PN) provides information of MV GN transiting towards Sardinia and Sicily, under different paint scheme and name.

**T7:** IT (PN) sends an alert to new MV identification.

IT authorities coordinate surveillance while MV GN unloads cargo off the coast of Sicily..

**T8:** IT (PN) provides video streaming of illegal activities.

MV GN proceeds to her last rendez vous point where it makes its final drug delivery to a pleasure boat.

TO BE COMPLETED

**Expected results.**

**TO BE COMPLETED**

**Partners Involved.**

BMM:

France – Customs.

Italy – Customs, Drugs, Coast Guard.

Spain – DAVA, Guardia Civil.

Portugal – Defence, FAP, SEF.

Greece - Customs

Others

MAOCN, INTERPOL.

TO BE COMPLETED

**Comments.**

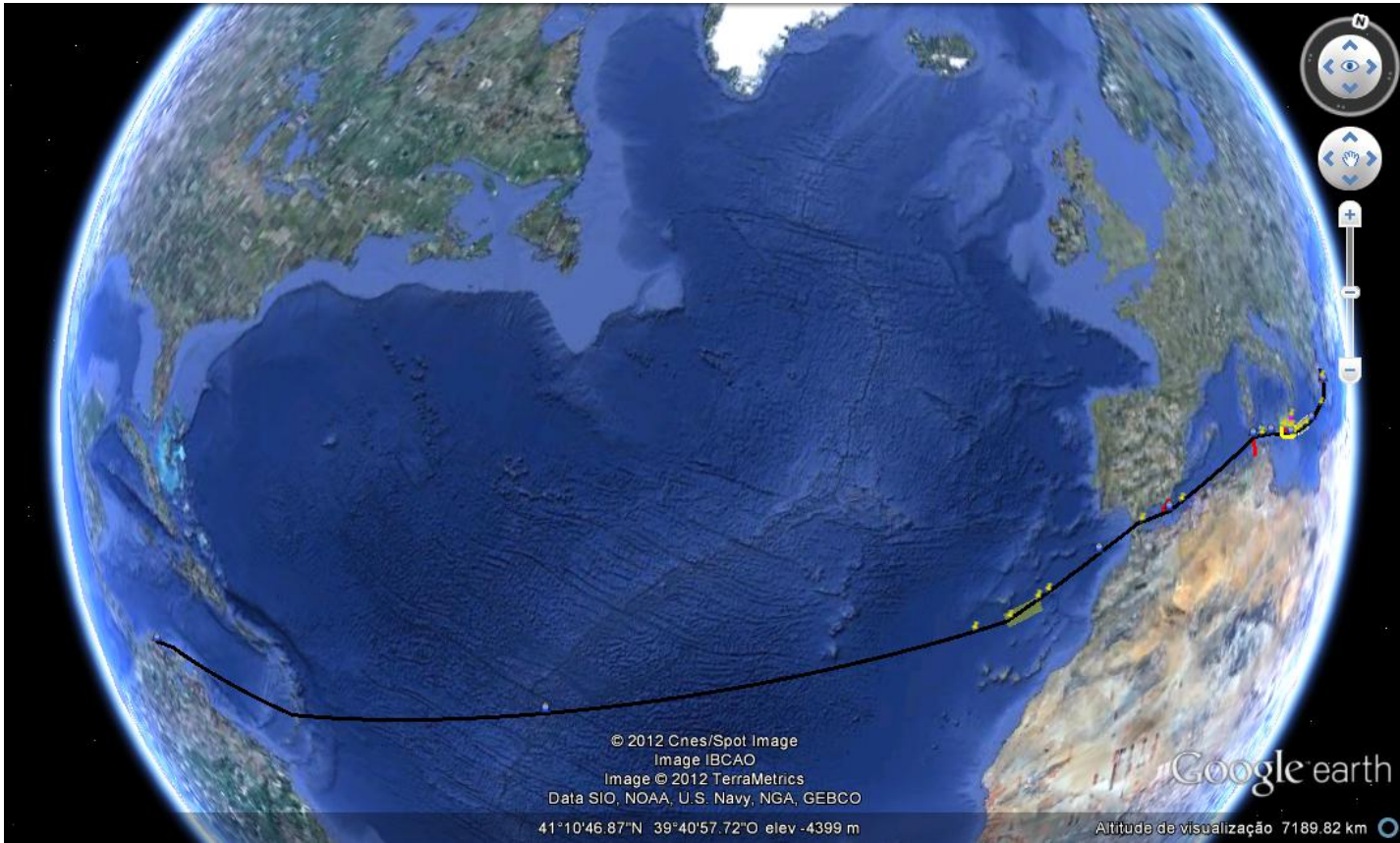
### 3. General Animation Plan.

#### 3.1. Ship's Track Information.

TRACK NUMBER 1				
NAME	FLAG	SPEED	LAST PORT OF CALL	DESTINATION
MV GOOD NOSE	GREEK	14	BARRIO NORTE (COLOMBIA)	PIRAEUS (GREECE)

	P1	P2	P3	P4	P5	P6	P7	P8
POSITION	BARRIO NORTE 11°15'3.10"N 74°13'6.56"W	34°44'13.08"N 9°19'23.73"W	36° 5'29.51"N 2°29'50.70"W	38° 4'31.37"N 8°42'31.85"E	37°31'39.62"N 11°25'47.76"E	36°20'52.33"N 14°41'29.59"E	35°44'9.81"N 19° 8'35.20"E	36°51'59.96"N 23°43'38.90"E
TIME	010000	130405	141747	160947	162147	171147	180800	190652
EVENT	DEP	WP1/Changes her basic features	WP2/1st Delivery	WP3/2 <sup>nd</sup> Delivery	WP4/Changes her basic features	WP5/3 <sup>rd</sup> and 4 <sup>th</sup> delivery	WP6/Changes her basic features	WP7/5 <sup>th</sup> delivery





### 3.2. General Animation Plan.

Nº VIGNETTE/ INJECTION	TIME REFERENCE (Date & Time)	KEY EVENT (Description)	SERVICE REQUESTED / PUBLICATION. (Note 1)	INFO EXCHANGE REQUESTED / PUBLICATION. (Note 2)	SOURCE OF INFORMATION. (Asset providing info)	BMM NODES INVOLVED. (Note 3)	SHIPS POSITION
	010000	MV Good Nose (GN) departs from the Porto of Barrio Norte (Col) with 4.2 Tons of Cocaine, disguised in the middle of a bulk cargo of 25.000 Tons of Sugar					BARRIO NORTE 11°15'3.10"N 74°13'6.56"W
	041000	MAOC N informs PT on MV Good Nose heading for the Mediterranean to unload her cocaine cargo. MAOC N suggests PT to use BMM network to track, identify MV Good Nose (GN) and to help law enforcement authorities to interdict the vessel once					



		enough evidence is gathered					
	050900	T1: PT (PN) request information services on MV GN					
	060600	T2: IT (Drugs) locates MV thru LRIT and feeds it into SCBMP					22°57'24.87"N 45°10'23.36"W 078°/14
	110500	PT authorities sends an aircraft (PAF) for visual identification					
	110700	PT airplane departs from LPBJ					
	110715	LRIT information is lost					31° 5'31.80"N 19° 5'26.40"W
	111700	PT airplane returns. Location of MV GN unsuccessful					
	111715	GR sends an alert on MV GN, requesting to monitor but not to interfere					

	111720	GR sends an alert on MV GN, to Customs and Police Community of interest, reporting that this ship is under a criminal investigation, related to trafficking of drugs. National and International Judiciary authorities involved					
	111800	T3: PT (PN) request IT (PN) Wide Area Suspect vessel Detection Service (satellite image)					31°37'17.07"N 16°33'41.31"W
	120500	IT (PN) provides Satellite image, inserted into SCBMP image includes one ships, MV GN					32°35'33.32"N 14°27'36.20"W
	120800	MV GN starts changing its basic features, including masts, painting, naming, exhaust pipe, etc.					32°56'27.71"N 13°40'16.89"W
	130405	MV GN reaches WP1, where she completes changes to its basic					34°44'13.08"N 9°19'23.73"W

		features					
	131735	MV GN crosses the Strait of Gibraltar					35°58'9.82"N 5°25'1.79"W
	141031	Trawler 1 (T1)Departs from the port of Almeria					ALMERIA 36°49'57.57"N 2°29'6.39"W
	141300	SP (DAVA) sends an aircraft for visual identification of suspect contact					
	141530	SP Aircraft departs					
	141747	T1 reaches rendez-vous point with MV GN (WP2). Drugs (0.8 Tons of cocaine starts being transfered)					36° 5'29.51"N 2°29'50.70"W
	141810	SP Aircraft locates and idenfies MV GN. Video fotage is taken					
	141815	SP GC (SIVE) correlates radar with visual identification					

		provided by aircraft. Track is inserted into SCBMP, including new AIS					
	141847	Drug transference completed. MV GN proceed to the next point, T1 goes fishing					
	141950	SP Aircraft lands. Location successfull					
	142000	T4: SP (DAVA) inserts information on the vessel, including track and pictures					
	142010	T5: SP (GC) updates information on suspect vessel conducting illegal activities off the coast of Almeria. Provides evidence of the mother ship GN unloading part of the cargo on a fishing vessel (correlates VMS information) - (comunity of interest)					

	142345	RADAR track is lost by SIVE						Last position 36°22'28.65"N 1°15'38.28"W 078/14
	150647	T1 reaches fishing harbour in Almeria, off-loading 2.7 Tons of Sardines and Mackerel						
	150647	SP Guardia Civil monitor crew movements in Almeria harbour, including cargo and drugs						
	152008	Trawler 2 (T2) starts its journey from the Port of El Kala (Algeria)						EL KALA 36°53'54.68"N 8°26'37.97"E
	160947	MV GN reaches WP3 where she stops (one hour)						38° 4'31.37"N 8°42'31.85"E
	160950	T2 reaches rendezvous point						
	160950	MV GN starts tranfering 0.5 Tons of Cocaine to T2						

	161047	MV GN resumes her journey, heading to WP4					
	161047	T2 returns to the El Kala Harbour					
	1611509	FR Navy ship enroute to eastmed, locates and identifies MV GN. Position, course and speed are inserted into SCBMP					37°51'53.64"N 9°48'41.84"E 110/14
	161510	T6: FR (PN) provides information of MV GN transiting towards Sicily, under different paint scheme and name					
	161945	MV GN is detected by VTS/AIS Pantelleria and inserted into SCBMP					
	162147	MV GN reaches WP4 where she completes its second basic feature change, switching off AIS. Proceeds to WP5					37°31'39.62"N 11°25'47.76"E



	162150	IT authorities send an alert when they realise AIS is switched off					
		IT authorities decide to put an airplane on call					
	170027	T2 reaches the Port of El Kala					
	171000	RIB1 departs from the Port of Scoglitti					SCOGLITTI 36°53'29.05"N 14°25'35.20"E
	171147	MV GN reaches WP5 where she stops for 2 hours					36°20'52.33"N 14°41'29.59"E
	171150	IT airplane is sent to film MV GN					

	171200	RIB2 departs from the Port of Pozallo					POZZALLO 36°43'18.61"N 14°49'4.22"E
	171200	RIB1 receives 0,8 Tons of cocaine					
	171214	ATR 42 reaches WP 5 and makes video of drug exchange					
	171220	RIB1 returns ashore					
	171220	ATR 42 follows RIB 1					
	171235	ATR 42 returns to WP 5					
	171250	ATR 42 reaches WP 5					
	171255	RIB2 reaches WP5 and starts receiving 1.2 Tons of Cocaine. ATR 42 makes video					

171325	RIB2 returns ashore						
171347	MV GN proceeds to WP6. ATR 42 follows						
171355	T7: IT (PN) sends an alert to new MV identification						
171545	T9: IT (PN) provides video streaming of illegal activities						
171630	RADAR (VTS) signal is lost						
171650	ATR 42 returns to home base - Catania						
171900	IT PN decide to use Wide Area Suspect Vessel Detection Service						36° 8'33.46"N 16°20'20.72"E 112/14
172315	RIB1 reaches the beach of Giardinaccio. Movements are controled by Guardia de						GIARDINACCIO 37°10'36.01"N 13°42'10.86"E

		Finnanza					
	180200	Satellite picture taken					35°57'28.44"N 17°40'28.96"E 112/14
	180230	IT (PN) provides Satellite image, inserted into SCBMP image includes one ships, MV GN					
	180255	RIB2 reaches the beach of Heraclea Minoa. Movements are controled by Carabinieri					HERACLEA MINOA 37°21'40.99"N 13°19'49.65"E
	180800	MV GN reaches WP6 changing again its basic features to its original ones and switching back on its AIS					35°44'9.81"N 19° 8'35.20"E 085/14
	181950	MV GN AIS detected by GR Authorities. Alert is sent					35°54'38.83"N 21°40'21.18"E 085/14

	190252	Pleasure Boat (PB) starts from the Port o Ermioni						ERMIONI 37°23'9.65"N 23°14'57.68"E
	190652	MV GN reaches WP7 and reduces speed						36°51'59.96"N 23°43'38.90"E
	190655	0,4 Tons of cocaine are transfered to PB						
	190725	PB returns to home port						
	190752	MV GN resumes normal speed, proceeding to the next port of call						
	191347	MV GN reaches the Port of Pireus, where she off loads 25.000 Tons of bulk shugar						
	191355	PB reaches home port						

Note 1: System Services to be checked in accordance with annex II of the BMM Demonstration Plan and the latest version of the BMM System View. Identification of the Node requesting /providing the service is compulsory.

Note 2: Information Exchange Requirements in accordance with annex II of the BMM Demonstration Plan and the latest version of the BMM Operational View. Identification of the Node requesting / providing the Information is compulsory.

Note 3: Identification of the Nodes involved and their role.

Note 4: All Partners involved in the Scenarios check technical feasibility of the service and information exchange requested.

### 3.3. BMM Nodes Involvement.

The following chart depicts the different nodes and their involvement in this operational scenario.

BMM NODE	Nº VIGNETTE/ INJECTION	TIME REFERENCE	SHIP POSITION	SERVICE REQUESTED / PUBLICATION.  (Note 5)	INFO EXCHANGE REQUESTED / PUBLICATION.  (Note 5)
	Information to be inserted	Information to be inserted	Information to be inserted	Information to be inserted	Information to be inserted

Note 5: All Partners involved in the Scenarios check technical feasibility of the service and information exchange requested.