



ROYAUME DU MAROC
MINISTÈRE DE L'AGRICULTURE ET DE LA PÊCHE MARITIME

DÉPARTEMENT DE LA PÊCHE MARITIME

**Workshop on the Implementation of a Vessel Monitoring System
(VMS) in The Mediterranean and the Black Sea**
Zagreb, Croatia
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Moroccan VMS



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VMS – Contexte

Objectifs attendus

- Protect the fishery resource
- Monitoring of fishing vessels operating in Moroccan waters, whether Moroccan or foreign
- Ensure the safety of fishermen

Description synthétique

1 Volet spatial

- ✓ Equipment of 400 fishing vessels by the VMS
- ✓ Equipment of 4 FMC
- ✓ Equipment of 15 Patrol by mobile control centers

2 Volet Terrestre

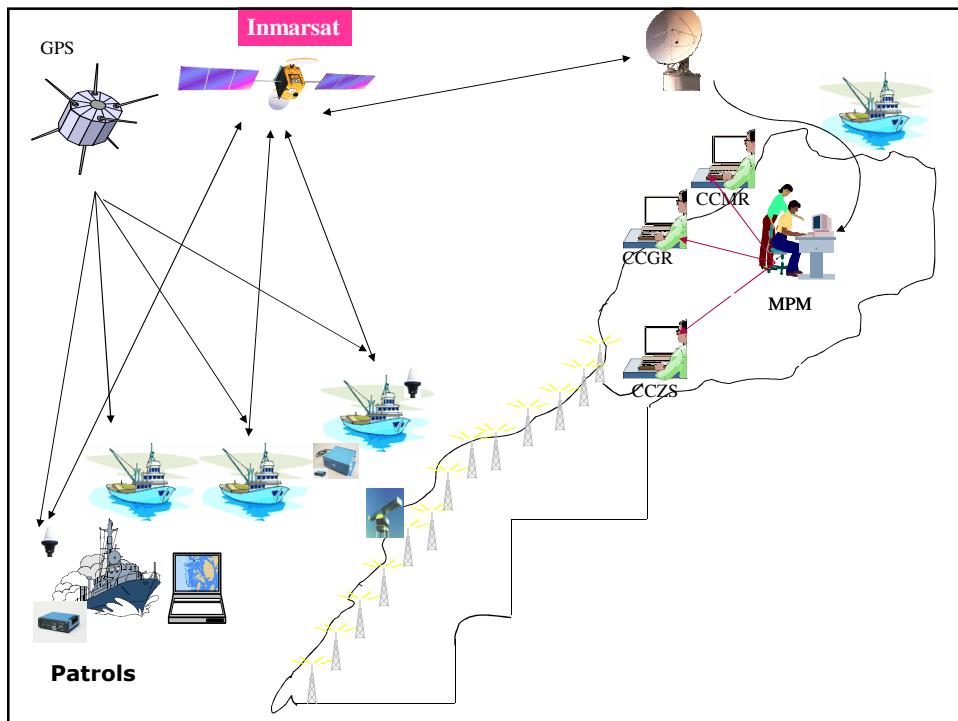
- ✓ Establishment of a backbone for the transmission of radar echoes of the Royal Navy to the center of Agadir

3 Corrélation

- ✓ Correlation of radar and satellite data

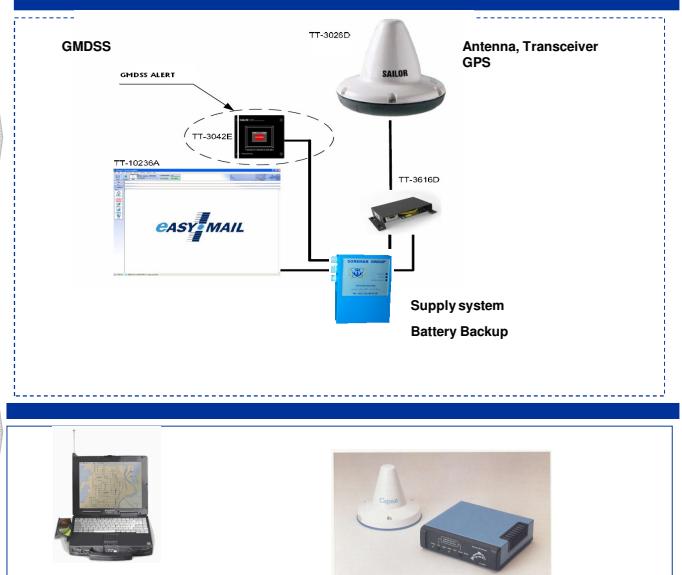
VMS – Progress

Deployment phases of VMS	
Legal Framework	
<ul style="list-style-type: none"> • August 1999: Law including VMS 	
<ul style="list-style-type: none"> March 2010: Implementing Decree April 2011: Order of application October 2011: Entry into force 	Original Project 1997 - 2002 <ul style="list-style-type: none"> ✓ Équipement de 400 navires de pêche ✓ Équipement de 4 centres de contrôle: 3 à Rabat et un à Agadir ✓ Équipement de 15 patrouilleurs ✓ Chaîne hertzienne pour le suivi des données radars ✓ Corrélation données radar et données satellites
<ul style="list-style-type: none"> March 2010: Implementing Decree April 2011: Order of application October 2011: Entry into force 	Upgrade 2006 - 2009 <ul style="list-style-type: none"> ✓ 400 navires de pêche : 3 à Rabat et un à Agadir ✓ Équipement de 4 centres de contrôle ✓ Équipement de 15 patrouilleurs
<ul style="list-style-type: none"> March 2010: Implementing Decree April 2011: Order of application October 2011: Entry into force 	Extension 2010 - 2012 <ul style="list-style-type: none"> ✓ Extension to the essential of the fleet (1500)
At present is operating at 1296 fishing vessels	



VMS – Equipment of Vessels and Patrols

Equipment for fishing vessels



Equipment of the patrol navy



VMS – Fishing fleet

Active fishing fleet

Type	Mediterranean	Atlantic	Total
Offshore Fleet	-	339	339
Coastal Fleet	310	1 553	1 863
Artisanal Fleet	2 393	11 661	14 054
Total	2 703	13 543	

Type of fishing vessels in the Mediterranean

Port	Longline	Trawler	Seiner	Total
Nador	40	60	47	147
Al Hoceima	37	25	32	94
Jebha	4	1	10	15
M'diq	11	12	31	54
Total	92	98	120	310

VMS – Fishing fleet equipped by VMS

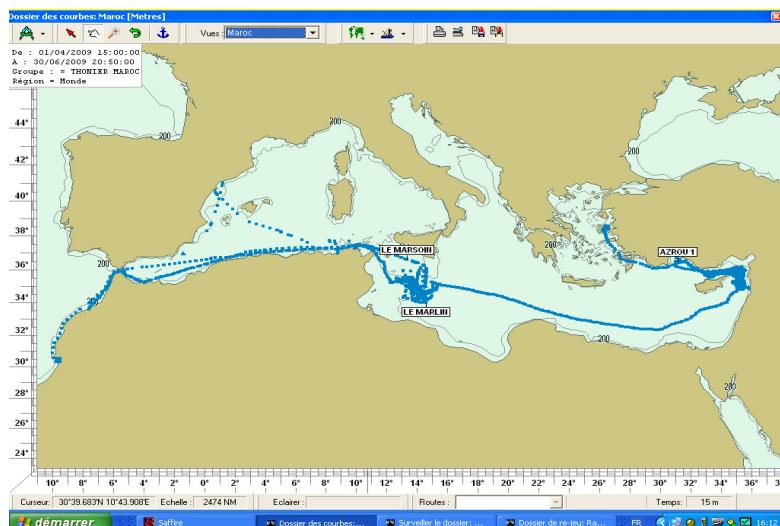
Fishing fleet equipped by VMS

Fishing fleet equipped by VMS in the Mediterranean

Type	Mediterranean	Atlantic	Total
Flotte hauturière	-	339	339
Flotte côtière	27	930	957
Flotte artisanale	-	-	-
Total	27	1269	1296

Port	Longline	Trawler	Seiner	Total
Nador	-	-	-	-
Al Hoceima	-	-	-	-
Jebha	-	-	-	-
M'diq	3	7	17	27
Total	3	7	17	27

VMS – Sharing information with ICCAT



VMS – Sharing information with fishermen

