

	Expected output	Deadline	Steps	Responsible	Planned expenditure 2011	OK or Delayed 2011
CONTRACTS						
Contract type I	Weekly report of services and incidences	Weekly.	Weekly elaboration and dissemination reports to isanzz@aemet.es and ecabrera@wmo.int	Consultant type I	45.000	
	Manual about web site structure	October 2011	Manual: linking at the web site http://afrimet.org/marinemet/ and sending an e-mail to the focal points in Senegal, The Gambia, Cape Verde and Mauritania	Consultant type I		
	Manual of remote sensing images products guide	April 2011	Manual: linking at the web site http://afrimet.org/marinemet/ and sending an e-mail to the focal points in Senegal, The Gambia, Cape Verde and Mauritania	Consultant type I		OK
	Manual of remote sensing products: theoretical basis of product derivation	April 2011	Manual: linking at the web site http://afrimet.org/marinemet/ and sending an e-mail to the focal points in Senegal, The Gambia, Cape Verde and Mauritania	Consultant type I		OK
	Software and scripts updates	Continuously	Software and scripts updates related to procures changes, improvements and software updates	Consultant type I		
	Migration IDL procedures to R-cran	1 July 2011	Avoid the use of IDL or any commercial tools and migrate to free tools	Consultant type I		
	Migration to kubuntu operating system	31 August 2011	Change from mandriva linux to kubuntu linux to use the same operating system of SAPOs developments	Consultant type I		
	Delivery products	Continuously	Delivery a daily remote sensing real-time service: daily real time remote sensing maps of Sea Surface Temperature, Chlorophyll-a concentration and Thermal fronts for four windows: MARINEMET project window, Cape Vert, Mauritania and Senegal-Gambia. Addressed to general users	Consultant type I		
	Annual internal report in Spanish, English and in French	20 October 2011	Before October, 20 elaboration and dissemination annual internal report: AEMET and WMO	Consultant type I		
		24 October 2011	Internal report: checking and approval	AEMET		
		28 October 2011	Internal report: checking and approval	WMO		
		30 October 2011	Internal report is added at the Annual Report of the MARINEMET Pilot Project 2011	Consultant type I		
	Renewal for 2012	1st November 2011-31st December 2011	WMO: 45 days are needed for the processing of renewal. From 1st November to 31st December there are 61 days to get the 2012 contracts are signed in January 2012 without delays (12 payments)	WMO		
Contract type II	No longer exists	Finished 2010			0	-----

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Contract type III	Bathymetries for the ports of Nouakchott, Dakar and Mindelo in a regular grid with a minimum resolution of 200m	15 june 2011	Implementation of the bathymetries and interpolation in regular grids using the vectorized charts given by the company PROES.	Consultant Type III	42.000	
	3 SAPOs systems ready to be implemented at African equipments	15 june 2011	Reception of boundary/wind conditions from WAM Africa	AEMET		
		20 October 2011	Run SWAN model of the 3 SAPOs for test cases	Consultant Type III		
	Wave maps and html tables of the three SAPOs for the web	20 October 2011	Preparation of the wave modelling outputs	Consultant Type III		
	Validation document	30 November 2011	Preparation of tools to do the validation	Consultant Type III		
		30 November 2011	Validation of the SWAN output for the test cases	Consultant Type III		
		15 December 2011	Preparation the document about the validation	Consultant Type III		
	Annual internal report in English and an abstract in French	20 October 2011	Before October, 20 elaboration and dissemination annual internal report: AEMET and WMO	Consultant Type III		
		24 October 2011	Internal report: checking and approval	AEMET		
		28 October 2011	Internal report: checking and approval	WMO		
		30 October 2011	Internal report is added at the Annual Report of the MARINEMET Pilot Project 2011	Consultant type III		
	Renewal for 2012	1st November 2011-31st December 2011	WMO: 45 days are needed for the processing of renewal. From 1st November to 31st December there are 61 days to get the 2012 contracts are signed in January 2012 without delays (12 payments)	WMO		
Contract type IV	No longer exists	Finished 2010			0	-----
Pay per view L-band antenna	No loger exists	Finished 2010			0	-----

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EQUIPMENT						
Tide Gauges (TG)	Miros radar station in:	29th March 2011	TheToR for the supply of Tide Gauges is sent to 17 potential suppliers	WMO	325.000	OK
	Dakar	24th April 2011 - 24th May 2011	24th May: deadline for the reception offers. Assessment of the offers 24th May 2011: Adjudication the tide gauges acquisition	WMO		
	Mindelo					
	Standard stations:					
	Nouadhibou					
	Praia	Second half 2011- First half 2012	Tide Gauges installation and management and maintenance in-situ course	Supplier		
	St. Louis					
	Banjul					
Spare parts						
Automatic Weather Stations	2 Senegal	1st April 2011	Sending an e-mail to Senegal, The Gambia, Mauritania and Cape Verde asking about the emplacements selected for the AWS	AEMET	333.000	OK
	3 Mauritania	15th April 2011	Deadline for the reception emplacements	The Gambia Senegal Mauritania Cape Verde		OK
	3 Cape Verde	1st April 2011 - 1st May 2011	Elaboration of AWS Terms Of Reference	WMO		
	1 The Gambia	1st May 2011 - 15th June 2011	Sending offers for the potential suppliers	Potential suppliers		
	Spare parts	15th June 2011 - 15th July 2011	Offers assessment and contract adjudication	WMO		
		16th July 2011-31st December 2011	AWS installation	Supplier		

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EQUIPMENT						
PCs for SAPOs	1 PC in Senegal (Dakar)	1st February 2012	Elaboration of the PCs Terms Of Reference for direct acquisition	Consultant type III		-----
	1 PC in Mauritania (Nouakchott)	1st March 2012	Processing the PCs' acquisition: direct acquisition	WMO		
	1 PC in Cape Verde (Mindelo)	1st June 2012	Reception equipment (6 PCs) in Madrid. Information transference and application in the PCs. Establishment communications for the BC's and wind fields. Start of operational activity	Consultant type III		
	3 PCs replicas in Madrid	Second half 2012	Sending the PCs to Dakar, Nouakchott and Mindelo	Consultant type III		
		Second half 2012	Administrative proceedings to install the PCs in Africa	WMO		
Navigational charts digitalization	Navigational charts digitalized for Dakar, Nouakchott and Mindelo	February 2011	Search for the navigational charts and the company to digitalized them	Consultant type III	2.020	OK
			Contract preparation for the navigational charts digitalization	WMO		
PCs for satellite products	1 PC in Dakar	1st June 2012	Reception 1 PCs in Las Palmas de Gran Canaria	Consultant type I		-----
		June 2012	Implementation software	Consultant type I		
		Second half 2012	Sending the PC to Dakar	Consultant type I		

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OTHERS						
Deep sea water modeling	Deep sea water modeling development	March 2009	Setting up the local area sea wave forecast system	AEMET		OK
		April 2009	Adaptation for using BCs and forcings from ECMWF	AEMET		OK
		March 2010	Solving issues after ECMWF spectral resolution upgrade	AEMET		OK
		September 2010	Validation against bouys data	AEMET		OK
		20th January 2011	Post-processing outputs to match SAPO requirements	AEMET		OK
		15th February 2011	Automation of sending data to website	AEMET		OK
		20th May 2011	Automation of sending data to SAPOs	AEMET		
		20th June 2011	Exploring an alternative for ECMWF boundary conditions	AEMET		
Web site	Web site development	Continuously	Reorganize web site front-end	Consultant type I		
	Development of procedures to automate remote sensing product ingestion in web site	15th April 2011	Development	Consultant type I		OK
		29th April 2011	Test	Consultant type I		OK
		21st May 2011	Operational	Consultant type I		OK
	Development of web site to ingest ocean modelling products	29th April 2011	Development	Consultant type I		OK
		13rd May 2011	Approval	Consultant type I		
		21st May 2011	Operational	Consultant type I		
	Data products archive	29th Sep 2011	Searching utilities for remote sensing and ocean modeling products	Consultant type I		OK
	Development of web site to ingest SAPOs products	20th April 2011	Sending examples to adapt the web site	Consultant type III		OK
		31st Oct 2011	Development	Consultant type I		
		18th Nov 2011	Approval	Consultant type I		
		30th Nov 2011	Operational	Consultant type I		
Validation activities	Development of sapos validation	31st March 2013	Development of tools for the validation of sapos againts satellite data	Consultant type III		-----
		30th June 2013	Compilation of satellite data in african north west coast	Consultant type III		-----
		30th June 2013	Validation of SAPOs aplication againts satellite data	Consultant Type III		-----

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TRAINING ACTIVITIES						
Training to build capacities in the general curricula adopted by WMO-Toulouse	Senegal	2009	On time	AEMET-WMO		OK
	Cape Verde					
	Mauritania					
Training to build capacities in the general curricula adopted by WMO-Met Office	The Gambia	2010	On time	AEMET-WMO		OK
Short term course for meteorologist	In Las Palmas de Gran Canaria	June 2012	Maritime meteorology course	AEMET		----
On job training fellowship under AEMET's call conditions and schedule	Out of the MARINEMET Pilot Project	When the fellowship is open	Oceanography, remote sensing, in-situ observation, wave modeling and others issues	AEMET		----
Specific courses for in-situ instrument maintenance and management	SAPOs: Senegal, Cape Verde and Muritania	When the equipment is installed. Second half 2012	Management and maintenance in-situ course	Consultant type III		----
	TG: Senegal, Mauritania, The Gambia and Cape Verde	When the equipment is installed. First half 2012	Management and maintenance in-situ course	Supplier		----
	AWS: Senegal, Mauritania, Cape Verde and The Gambia	When the equipment is installed. First half 2012	Management and maintenance in-situ course	Supplier		----
Users' formation courses	In Senegal, Mauritania, Cape Verde and The Gambia	First half 2013	Final users training course in-situ	NMHSs		----
Ad-hoc technology transfer	Senegal, Mauritania, Cape Verde and The Gambia	Continuously		AEMET		----
TECHNICAL MEETINGS						
Technical meeting	Participants (Coordination committee):	June-July 2011	Technical meeting will held in Dakar when the milestones have been reached: - wave ocean modeling finished - Adjudication of tide gauges procurement - Beginning automatic weather stations procurements	AEMET-WMO		
	Senegal (without cost)					
	The Gambia					
	Mauritania					
	Cape Verde					
	OMM					
	Consultant type I					
	Consultant type III					
	E. Barrera-AEMET					
	AEMET					

Type I consultant commitments	WMO commitments	NMHSs (Senegal, Mauritania, Cape Verde and The Gambia) commitments
Type III consultant commitments	AEMET commitments	Supplier commitments