

# Format for the Periodic Review of the SPAMIs

**SPAMI Name : PLEMMIRIO MARINE PROTECTED AREA**

## SECTION I: CRITERIA WHICH ARE MANDATORY FOR THE INCLUSION OF AN AREA IN THE SPAMI LIST

*(Art. 8.2. of the Protocol and General Principles and C and D of Annex I)*

*In each question, crossed references to the Annotated Format (AF) are given.*

### 1. CONSERVATION STATUS

**1.1. Does the SPAMI fulfill one of the criteria related to Mediterranean interest as presented in Protocol's (Annex I section B para. 2), strictly maintain the status of populations of its protected species (those in Annex II to the Protocol), the status of its habitats and no adverse significant changes in the functioning of its ecosystems? (Article 8.2.)**  
*(See 3.4. and 4 in the AF)*

**YES**

**1.2 If "yes", are the objectives, set out in the original SPAMI application for designation, actively pursued?**

**YES**

See Attachments 1 - 11

### 2. LEGAL STATUS

**2.1. Does the area maintains or has improved its legal protection status from the date of the previous report? (A-e and C-2, Annex I).**  
*See 7.1.2 in the AF*

**YES**

See Attachments 12 and 13

**2.2. Does the legal declaration of this area consider the conservation of natural values as the primary objective? (A-a and D1 in Annex I).**  
*See 7.1.3 in the AF*

**YES**

- Attachment "allegato 13" - Art. 3 punto a) del Decreto istitutivo dell'A.M.P. Plemmirio

**2.3. Are competencies and responsibilities clearly defined in the texts governing the area? (D4 Annex I). See 7.4.3 in the AF**

**YES**

- Attachment 13 - Decreto di istituzione dell'A.M.P.  
- Attachment 15 - Decreto Ministeriale 26 gennaio 2009 pubblicato su G.U. n. 36 del 13.02.2009 di approvazione del Regolamento di esecuzione ed organizzazione dell'A.M.P. Plemmirio

**2.4. Are external influences/threats been taken into account in the legal framework of the SPAMI? Does the legal text clearly establish coordination means between land and sea authorities? (D4 Annex I, Art.7.4. in the Protocol).**

**YES**

- Attachment "All. 28" and "28" Protocollo di gestione standardizzata ISEA con diagramma di sintesi delle minacce dirette ed indirette  
- Attachment "All. 19" Decreto istitutivo del SIC MARINO ITA 090030 "Fondali del Plemmirio"  
- Attachment "All. 20" and "20" Decreto istitutivo del SIC TERRESTRE ITA 090008 "Capo Murro di Porco-Penisola Maddalena"  
- Attachment "All. 21" Piano Paesistico

**3. MANAGEMENT METHODS (General principles D Annex 1)**

**3.1. Does the area have the same or an improved management body/authority as when the SPAMI was established and/or last evaluated?**

Existence of a management body with sufficient powers (Art. 7.2.d, 7.2.f).  
*D6 - Annex I: "To be included in the SPAMI List, a protected area must have a management body, endowed with sufficient powers as well as means and human resources to prevent and/or control activities likely to be contrary to the aims of the protected area". See 8.1. in the AF*

**YES**

- Attachment 12 Statuto e protocollo di intesa in materia di personale  
- Attachment 14 Incarico di Direttore e Responsabile della AMP dott.ssa Rosaria Rizza  
- Attachment 22 Convenzione con Cooperativa Alfeo per esternalizzazione servizi  
- Attachment 23 Convenzione con ARPA per monitoraggio AMP

### 3.2. Is the management plan in force?

Has the management plan been officially adopted? (*D7 Annex I*). See 8.2.1, 8.2.2. in the AF

**YES**

Il Piano di gestione viene approvato e finanziato dal Ministero dell'ambiente e della tutela del territorio e del mare annualmente sul modello di gestione standardizzato ISEA

### 3.3. Does the management plan address the requirements set out in article 7 of the Protocol and Section 8.2.3 of the Annotated Format?

**YES**

	Existing in MP	Degree of application			
Detailed management objectives	YES	0	1	2	<b>3</b>
Zoning	YES	0	1	2	<b>3</b>
Regulations for each zone	YES	0	1	2	<b>3</b>
Governing body(ies)	YES	0	1	2	<b>3</b>
Management programmes as:					
Administration	YES	0	1	2	<b>3</b>
Protection	YES	0	1	2	<b>3</b>
Natural resource management	YES	0	1	2	<b>3</b>
Tourism and Visitation	YES	0	1	2	<b>3</b>
Education and Training	YES	0	1	2	<b>3</b>
Research and Monitoring	YES	0	1	2	<b>3</b>
Services and Concessions	YES	0	1	2	<b>3</b>
Fund raising activities	YES	0	1	2	<b>3</b>
Periodic revisions of the MP	YES	0	1	2	<b>3</b>

## 4. AVAILABILITY OF RESOURCES AND INFORMATION

### 4.1. Is there basic equipment, human and financial resources ensured to the management body?

(*Art. 7.2.d, 7.2.f. D6 in Annex I: "To be included in the SPAMI List, a protected area must have a management body, endowed with sufficient powers as well as means and human resources to prevent and/or control activities likely to be contrary to the aims of the protected area"*). See 9.1, 9.2. in the AF

**YES**

#### AVAILABLE STAFF:

1 general manager + 8 full-time staff + 6 short-term contract staff with the following responsibilities: 1 Servizio tecnico logistico e sicurezza; 1 informazione promozione educazione Educazione; 1 direzione amministrativa, 1 servizio scientifico ed attività a mare; 1 servizio contabilità e finanza, 1 risorse umane contratti e patrimonio; 1 ufficio sportello utenti; 1 ufficio supporto informatico. Moreover, according to the agreement with Municipality of Siracusa (attachment 27) 12 local policemen are involved in the surveillance of the area, 4 of them acting also at the sea.

#### PERMANENT FIELD STAFF

	YES/NO	NUMBER Permanent/Part-time	ADEQUACY OF TRAINING LEVEL
General Manager	YES	1 permanent	0 1 2 3
<b>Field Experts (scientific monitoring)</b>	YES	1 permanent	0 1 2 3
Field Technicians (maintenance, etc)	YES	3 part-time	0 1 2 3
Wardens	YES	12 permanent	0 1 2 3
Of which marine wardens	YES	4 permanent	0 1 2 3
Guides	NO	0	
Other	NO	0	

- Attachment 17 e 17a - Organigramma con incarichi di responsabili di servizio
- Attachment 25 - Incarico di responsabile sicurezza e salute
- Attachment 26 - Incarico di amministratore di Sistema
- Attachment 27 - Protocollo di intesa Polizia Locale addetta alla vigilanza dell'A.M.P.

#### 4.2. Does the area have a monitoring program?

(D8 - Annex I: "The program should include the identification and monitoring of a certain number of significant parameters for the area in question, in order to allow the assessment of the state and evolution of the area, as well as the effectiveness of protection and management measures implemented, so that they may be adapted if need be"). See 9.3.3. in the AF

**YES**

- Attachment 23 - Protocollo ARPA
- Attachments 4 and 5 - Dati di visual census
- Attachments 5-6-7-8-11 - Allegati dati su studi pregressi per monitoraggi biodiversità

#### 4.3 Is there a feedback mechanism that establishes an explicit link between the monitoring results and the management objectives, and which allows adaptation of protection and management measures?

**YES**

Attachment 14 - Proposte avanzate al Ministero dall'Ente gestore per apportare modifiche al Regolamento (allegare le note in PDF)

**SECTION II: FEATURES PROVIDING A VALUE-ADDED TO THE AREA**  
(Section B4 of the Annex I, and other obligatory for a SPA (Art. 6 and 7 of the Protocol))

**5. THREATS AND SURROUNDING CONTEXT**

**5.1 Assess the level of threats within the site to the ecological, biological, aesthetic and cultural values of the area (B4.a Annex I).**  
See 5.1. consider also 3.5.2.b, 6.3 & 6.4. in the AF

**In particular:**

Unregulated exploitation of natural resources  
(e.g. sand mining, water, timber, living resources) See 5.1.1. in the AF  
**(SCORE: 0 means “very serious threats”; 3 means “no threats”)**

2

- Attachment 1 and 5 - Dati di monitoraggio della subacquea
- Attachments 2, 5 and 9 - Dati di studio impatto pesca ricreativa e professionale

Serious threats to habitats and species (e.g. disturbance, desiccation, pollution, poaching, introduced alien species ....) See 5.1.2. in the AF  
**(SCORE: 0 means “very serious threats”; 3 means “no threats”)**

2

- Attachment 6 - Dati sul monitoraggio delle specie aliene

Increase of human presence (e.g. tourism, boats, building, immigration...) See 5.1.3. in AF  
**(SCORE: 0 means “very serious threats”; 3 means “no threats”)**

2

- Attachment 32 - Dati di monitoraggio dei flussi turistici

Historic and current conflicts between users or user groups See 5.1.4., 6.2. in the AF  
**(SCORE: 0 means “very serious threats”; 3 means “no threats”):**

3

Please include a prescriptive list of threats that are of concern and are evaluated individually

Coastal development - tourist infrastructures

Attachment 18

- Note di convocazione ai tavoli di progettazione/pianificazione territoriale
- Note di trasmissione di richieste pareri su interventi/progetti in AMP
- Progetti condivisi con altri enti territoriali riguardanti argomenti di gestione integrata fascia costiera

**5.2 Assess the level of external threats to the ecological, biological, aesthetic and cultural values of the area (B4.a of the Annex I). See 5.2. in the AF**

**In particular:**

Pollution problems from external sources including solid waste and those affecting waters up-current. See 5.2.1. in the AF  
(SCORE: 0 means “very serious threats”; 3 means “no threats”)

2

Significant impacts on landscapes and on cultural values. See 5.2.2  
(SCORE: 0 means “very serious threats”; 3 means “no threats”)

3

Expected development of threats upon the surrounding area See 6.1. in the AF  
(SCORE: 0 means “very serious threats”; 3 means “no threats”)

2

Please include a prescriptive list of external threats that are of concern and are evaluated individually.

Coastal development - tourist infrastructures

- Attachment 32 – Dati relativi al traffico turistico allo sviluppo demografico e allo sviluppo economico

**5.3. Is there an integrated coastal management plan or land-use laws in the area limiting or surrounding the SPAMI? (B4.e Annex I). See 5.2.3.**

(SCORE : 0 = No / 1 = Yes)

0

**5.4. Does the management plan for the SPAMI have influence over the governance of the surrounding area? (D5-d Annex I). See 7.4.4. in the AF**

(SCORE : 0 = No / 1 = Yes)

1

## 6. REGULATIONS

### 6.1. Assess the degree of legal regulations See 7.4.2. in the AF

Attachment 15 - Regolamento dell'A.M.P. approvato dal MATTM e adottato dall'ente gestore

#### **In particular, within the national framework:**

Regulations concerning the strengthening of the application of the other Protocols to the Barcelona Convention, particularly dumping, passage of ships and modification of the soil (*Art. 6b, 6c, 6e in the Protocol, D5-a Annex I*)

**(SCORE : 0 = No / 1 = Yes)**

1

Regulations on the introduction of any species not indigenous to the specially protected area in question, or of any genetically modified species, (*Art. 6 d in the Protocol, D5-b Annex I*)

**(SCORE : 0 = No / 1 = Yes)**

1

Regulations concerning the Environmental Impact Assessment for the activities and projects that could significantly affect the protected areas (*Art. 17 in the Protocol*)

**(SCORE : 0 = No / 1 = Yes)**

1

#### **In particular, within the SPAMI framework:**

Regulations for fishing, hunting, taking of animals and harvesting of plants or their destruction, as well as trade with animals, parts of animals, plants, parts of plants, which originate in the area (*Art. 6 g in the Protocol, D5-c Annex I*)

**(SCORE : 0 = No / 1 = Yes)**

1

## 7. MANAGEMENT

### 7.1. Assess the degree of detail of the management plan

(e.g. zoning, regulations for each zone, competencies and responsibilities, governing bodies, management programs as protection, natural resource management, tourism, public use, education, research, monitoring, maintenance, services and concessions....) See 8.2.3. in the AF

(SCORE: 0= No Management Plan / 1= Weak / 2= Adequate / 3= Excellent) **3**

	Existing in MP	Degree of application			
Detailed management objectives	YES	0	1	2	<b>3</b>
Zoning	YES	0	1	2	<b>3</b>
Regulations for each zone	YES	0	1	2	<b>3</b>
Governing body(ies)	YES	0	1	2	<b>3</b>
Management programmes as:					
Administration	YES	0	1	2	<b>3</b>
Protection	YES	0	1	2	<b>3</b>
Natural resource management	YES	0	1	2	<b>3</b>
Tourism and Visitation	YES	0	1	2	<b>3</b>
Education and Training	YES	0	1	2	<b>3</b>
Research and Monitoring	YES	0	1	2	<b>3</b>
Services and Concessions	YES	0	1	2	<b>3</b>
Fund raising activities	YES	0	1	2	<b>3</b>
Periodic revisions of the MP	YES	0	1	2	<b>3</b>

### 7.2. Assess to what extent land ownership is well determined

(Undetermined land tenure regimes and registrations are a common source of conflicts in most protected areas world-wide)

See 7.3. in the AF

(SCORE: 0= Undetermined / 1= Weak / 2= Adequate / 3= Excellent) **1**

- Attachment 21 - Progetto relativo al Parco della Maddalena

### 7.3. Is there a body representing the public, professional and non-governmental sector and the scientific community linked to the management body? (B4b, B4c of the Annex I). See 8.1.2. & 8.1.3

(SCORE : 0 = No / 1 = Yes) **1**

- Attachment 30 - Commissione di riserva

- Attachment 24 - protocollo con l'ufficio scolastico territoriale

### 7.4. Assess the quality of the involvement by the public, and particularly of local communities, in the planning and management of the area (B4.b of the Annex I)

(e.g. adequate planning involves local stakeholders and accommodates within appropriate management regimes a spectrum of possible multiple uses and regulated human activities, within the primary objective of conservation of marine and coastal environments) See 8.1.4. in the AF

(SCORE: 0= No involvement / 1= Low / 2= Adequate / 3= Excellent) **2**

### 7.5. Is the management plan binding for other national/local administrations with competencies in the area? See 8.2.2 in the AF

(SCORE : 0 = No / 1 = Yes) **0**



## 8. PROTECTION MEASURES

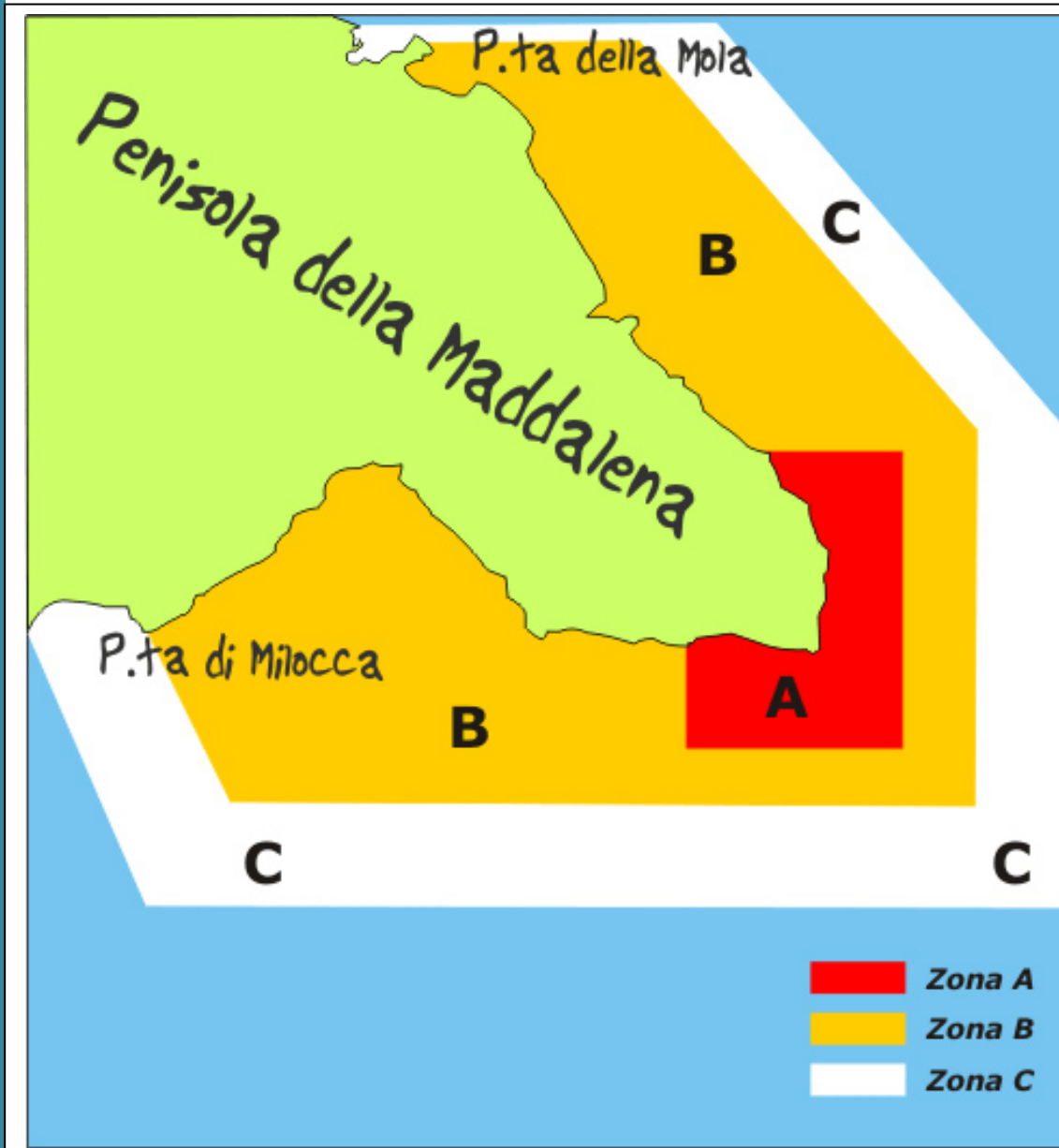
### 8.1. Assess the degree of enforcement of the protection measures

#### In particular:

Are the area boundaries adequately marked on land and, if applicable, adequately marked on the sea? See 8.3.1. in the AF

(SCORE : 0 = No / 1 = Yes)

1



Total surface : 2500 hectares

ZONA A : 80 hectares

ZONA B : 1470 hectares

ZONA C : 950 hectares

Is there any collaboration from other authorities in the protection and surveillance of the area and, if applicable, is there a coastguard service contributing to the marine protection? See 8.3.2. 8.3.3. in AF

**(SCORE : 0 = No / 1 = Yes)**

1

- Attachment 27 - Protocollo polizia

See the section "news" - [www.plemmirio.it](http://www.plemmirio.it) to consult the press review on police intervention carried out in the MPA

Are third party agencies also empowered to enforce regulations relating to the SPAMI protective measures ?

**(SCORE : 0 = No / 1 = Yes)**

1

Are there adequate penalties and powers for effective enforcement of regulations and is the field staff empowered to impose sanctions? See 8.3.4. in the AF

**(SCORE : 0 = No / 1 = Yes)**

1

- Attachment 29 - copie delle ingiunzioni di pagamento

Has the area established a contingency plan to face accidental pollution or other serious emergencies? (*Art. 7.3. in the Protocol, Recom. 13<sup>th</sup> Parties Meeting*)

**(SCORE : 0 = No / 1 = Yes)**

1

- Attachment 31 - Unit staff are specially trained - Corsi di formazione previsti per le emergenze e il materiale a disposizione dell'ente gestore

## 9. HUMAN RESOURCES

**9.1. Adequacy of the human resources available to the management body** (*Art.7.2-f in the Protocol, D6 in Annex I*) (e.g. enough number of employees to ensure adequate management and protection of the area)  
See 9.1.1. in the AF

Is there a permanent field administrator of the area?

See 9.1.2. in the AF

**(SCORE : 0 = No / 1 = Yes)**

1

Are there other permanent staffs in the field?  
 (e.g. technicians, wardens, guides, ...) See 9.1.2. in the AF  
 (SCORE : 0 = No / 1 = Yes)

1

PERMANENT FIELD STAFF

	YES/NO	NUMBER Permanent/Part-time	ADEQUACY OF TRAINING LEVEL
General manager	YES	1 permanent	0 1 2 <b>3</b>
<b>Field Experts (scientific Monitoring)</b>	YES	1 permanent	0 1 2 <b>3</b>
Field Technicians (maintenance, etc)	YES	3 part-time	0 1 2 <b>3</b>
Wardens	YES	12 permanent	0 1 2 <b>3</b>
Of which marine wardens	YES	4 permanent	0 1 2 <b>3</b>
Guides	NO	0	
Other	NO	0	

**9.2. Asses the adequacy of the training level of available staff**  
 (Art.7.2-f in the Protocol, D6 in Annex I) (e.g. enough training level to ensure protection of the area). See 9.1.2. in the AF  
 (SCORE: 0= Very Insufficient / 1= Low / 2= Adequate / 3= Excellent)

3

**10. FINANCIAL AND MATERIAL MEANS**

**10.1. Assess the degree of adequacy of the financial means**  
 Sufficient resources for the development and implementation of the management plan, including e.g. interpretation, education, training, research, surveillance and enforcement of regulations. See 9.2.1. in the AF  
 (SCORE: 0= Very Insufficient / 1= Low / 2= Adequate / 3= Excellent)

1

**10.2. Assess the basic infrastructure (Art.7.2-f in the Protocol)**  
 Administrative premises in the site, visitors' facilities (reception centre, trails, signs...), specific information, education and awareness materials  
 (SCORE: 0= Very Insufficient / 1= Low / 2= Adequate / 3= Excellent)

2

### 10.3. Assess the equipment.

Guard posts and signs on the main accesses, means to respond to emergencies, marine and terrestrial vehicles, radio and communications equipment. See 9.2.3. in the AF

**(SCORE: 0= Very Insufficient / 1= Low / 2= Adequate / 3= Excellent) 3**

#### 9.2.3. Basic infrastructure and equipment

	YES/NO	ADEQUACY			
Office and/or laboratory in the field	YES	0	1	2	<b>3</b>
Signs on the main accesses	YES	0	1	2	<b>3</b>
Guard posts on the main accesses	YES	0	1	2	<b>3</b>
Visitors information centre	YES	0	1	<b>2</b>	3
Self guided trails with signs	YES	0	1	2	<b>3</b>
Terrestrial vehicles	YES	0	1	2	<b>3</b>
Marine vehicles	YES	0	1	2	<b>3</b>
Radio and communications	YES	0	1	2	<b>3</b>
Environmental awareness materials	YES	0	1	2	<b>3</b>
Capacity to respond to emergencies	YES	0	1	2	<b>3</b>

## 11. INFORMATION AND KNOWLEDGE

**11.1. Assess the extent of knowledge about the area and its surrounding zones.** (D3 - Annex I: Considering at least specific maps, habitat distribution, species inventories, and socio-economical factors)

See 9.3.1. in the AF

**(SCORE: 0= Very Insufficient / 1= Low / 2= Adequate / 3= Excellent) 3**

See the Attachment 8a

**11.2. Assess the adequacy of the program for data collection and the monitoring program.**

See 9.3.2. in the AF

**(SCORE: 0= Inexistent / 1= Insufficient / 2= Adequate / 3= Excellent) 2**

## 12. COOPÉRATION AND NETWORKING

**12.1. Are other national or international organizations collaborating with human or financial resources?** (e.g. researchers, experts, volunteers..).

See 9.1.3. in the AF

**(SCORE: 0= No / 1= Weakly / 2= Satisfactory / 3= Excellent) 3**

**12.2. Assess the level of cooperation and exchange with other SPAMIs** (especially in other nations) (Art. 8, Art. 21.1, Art. 22.1., Art. 22.3, A.d in Annex I)

**(SCORE: 0= No / 1= Insufficient / 2= Adequate / 3= Excellent) 1**

## **COMMENTS by the Technical Advisory Commission**

The Management Body presented to the TAC the activities carried out in the MPA in order to reach the conservation and management goals and fulfil the SPAMI criteria.

The TAC gave advice on specific statements of single sections of the Format for the Periodic Review, especially concerning the evaluation of the management and the available staff, as well as on cooperation and networking.

A positive judgement is given on the overall infrastructures of the area including the control system, based on the use of automatic cameras. The TAC notes however the potential difficulty to intervene in the field in case of detection of infringement of the rules.

## **CONCLUSION**

The TAC changed slightly (sometime increasing) the values given by the Management Body and share the opinion that the Plemmirio MPA fully meet the SPAMI criteria set up in the SPA & BD Protocol.

## RECOMMENDATIONS

The TAC appreciated the efforts and the actual results obtained and presented by the Management body.

In order to further improve the efficiency of the management of the area the TAC suggests:

- to enhance the monitoring of the catches of professional and leisure fishing;
- to further improve the possibility of intervention in case of infringement of the rules, especially concerning the poaching.

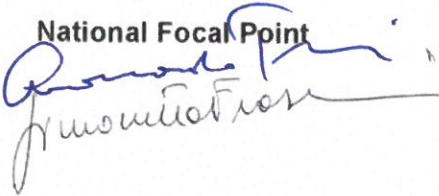
It would be important that the management plan of the SPAMI is considered for the governance of the surrounding area stressing the importance of an integrated coastal management.

The TAC recommends to the RAC / SPA to improve the collaboration among SPAMIs to facilitate the exchange of experiences at basin level.

Siracusa, 10 February 2015

## SIGNATURES

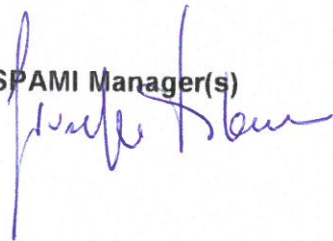
National Focal Point



Independent Experts



SPAMI Manager(s)



(ADDITIONAL PAGES MAY BE ADDED FOR EACH MEMBER'S COMMENTS)

## SPAMI VALUE-ADDED

Questions		Score obtained	Maximum
5	Threats and surrounding context	16	23
6	Regulations	4	4
7	Management	7	11
8	Protection measures	5	5
9	Human resources	5	5
10	Financial and material means	6	9
11	Information and knowledge	5	6
12	Cooperation and networkings	4	6
<b>TOTAL</b>		<b>52</b>	<b>69</b>