# Record of the review of documentary evidence

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| **Record no.** | AQR/ENDEMICA/EV/2026/01 |
| **Date and place** | 16 November 2026, Cosenza (Italy) |
| **Drawn up by** | Aquarius di Angelo Lo Celso & C. S.a.s., lead partner of the ENDEMICA consortium |
| **Subject** | Review of the documents and digital traces showing that the pre-validated technology and the ENDEMICA platform existed before the proposal was submitted |

**Summary.** This record lists the documents and digital traces showing that the pre-validated Totem M7 technology and the ENDEMICA platform existed before the proposal was submitted on 27 May 2026. (1) The installation and test report of the Totem M7, no. AQR/M7/TRL5-BIV/2026/01, dated 14 May 2026 and co-signed by the Regional Marine Parks Authority of Calabria, has been published on the platform since 20 May 2026; the file online today is identical to the one uploaded on that day. (2) The platform, at the address given on page 8 of the proposal, was in operation before submission: code, static files and data are dated between 19 and 26 May 2026. (3) Seven letters of support dated 20 and 21 May 2026 were published on 21 and 22 May 2026. The record documents facts that pre-date submission: it does not modify the proposal or add information to it.

## 1. Background

- The ENDEMICA proposal (Annex 2A v1.1) was submitted on the F6S platform on **27 May 2026 at 15:06**.
- The proposal states that feasibility is ensured by pre-validated technology (§ 2.2, p. 6), declares a starting TRL of 5 (§ 3.1.1, p. 10) and gives the address of the ENDEMICA DSS platform (§ 2.3.2, p. 8): https://m067.aquariuspa.it/endemica/.
- **Purpose of this record:** to establish, with date and file fingerprint, which documents existed before 27 May 2026 and where they can be consulted. The record does not modify the proposal or add information to it.

## 2. Checks carried out

| No. | Date | Check | Result |
|---|---|---|---|
| 1 | 12 Nov 2026 | Publication dates of the documents on the platform page “Consulta Infografica”, read from the production database | 10 documents, published between 20 and 22 May 2026 |
| 2 | 13 Nov 2026, 09:47 | Integrity check on the platform's AWS S3 storage: the ETag recorded by S3 compared with the MD5 fingerprint of the downloaded file | 10 documents out of 10 match |
| 3 | 13 Nov 2026, 12:35 | Read-only extraction of the creation dates of the data (production database) and of the dates of the static files (production code repository) | Data and files pre-date 27 May 2026, 15:06 |
| 4 | 13 Nov 2026 | TLS certificate of m067.aquariuspa.it read | Valid from 5 Jan 2026 to 3 Feb 2027 |
| 5 | 16 Nov 2026 | MD5 fingerprint recalculated on the PDF files of sections 3 and 4 and compared with the ETags of check 2. For the file of the Municipality of Pizzo, uploaded in three parts, the ETag was recalculated with 8 MB parts | 8 files out of 8 match |
| 6 | 16 Nov 2026 | Public page opened at the address given on p. 8 of the proposal | The page opens without login; title “Atlante Digitale Cloud - ENDEMICA DSS” |

## 3. Evidence on the pre-validated technology and on the platform

### 3.1 Installation and test report of the Totem M7

| | |
|---|---|
| **Document** | Installation and test report (Verbale di installazione e collaudo) no. **AQR/M7/TRL5-BIV/2026/01**, 7 pages, in Italian |
| **Date** | **14 May 2026**, Bivona (Vibo Valentia) |

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|---|---|
| **Test site** | Former Tonnara di Bivona, operational seat of the Ente Parchi Marini Regionali della Calabria (Regional Marine Parks Authority of Calabria), “Costa degli Dei” Marine Park |
| **Signatures** | For Aquarius: Angelo Lo Celso and Gabriele Rosa (engineer). For the Marine Parks Authority: Raffaele Greco, Director General, and Antonino Mancuso, technical and scientific contact |
| **Content** | One device installed. Eight functional tests, all passed: mounting and sun exposure, solar power supply, dynamic QR code on iOS and on Android, NFC reading, BLE beacon, readability in sunlight, content update via NFC |
| **Device identifier** | NFC tag ISO 15693, serial number 48:7E:C2:58:63:58:02:E0 (reading screenshots on p. 7 of the report). Device data sheet on p. 6 |
| **Scope of the test** | One device installed ashore and its proximity functions. One-day test |
| **Where to consult it** | https://m067.aquariuspa.it/endemica/poi/12/ (point of interest “Tonnara di Bivona”) |

## 3.2 Proof of the date of the report

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|---|---|
| **File** | Verbale_Installazione_Collaudo_M7_Bivona.pdf, **997,056 bytes** |
| **PDF created** | 15 May 2026, 09:03 (date stored inside the file) |
| **Uploaded to AWS S3** | **20 May 2026, 10:23:01** (Italian time). The file has not been overwritten since the upload |
| **Published on the platform** | 20 May 2026, 10:23:00, page “Consulta Infografica”, document no. 1 |
| **Fingerprint** | S3 ETag = MD5 = **4d1fb330403d02779a66cb578fbff7f8**. Checked on 13 Nov 2026 and recalculated on 16 Nov 2026: it matches |
| **Time before submission** | The file has been online since 7 days before the proposal was submitted (27 May 2026) |
| **Note** | Check carried out by Aquarius on its own systems; date and fingerprint are those recorded by AWS S3 |

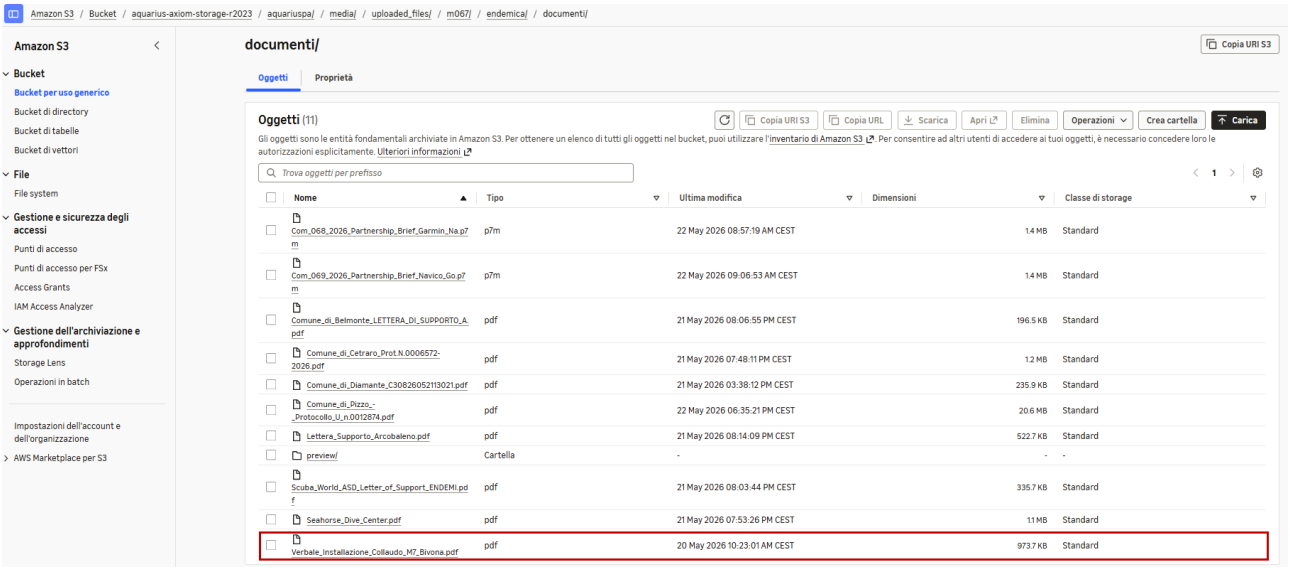
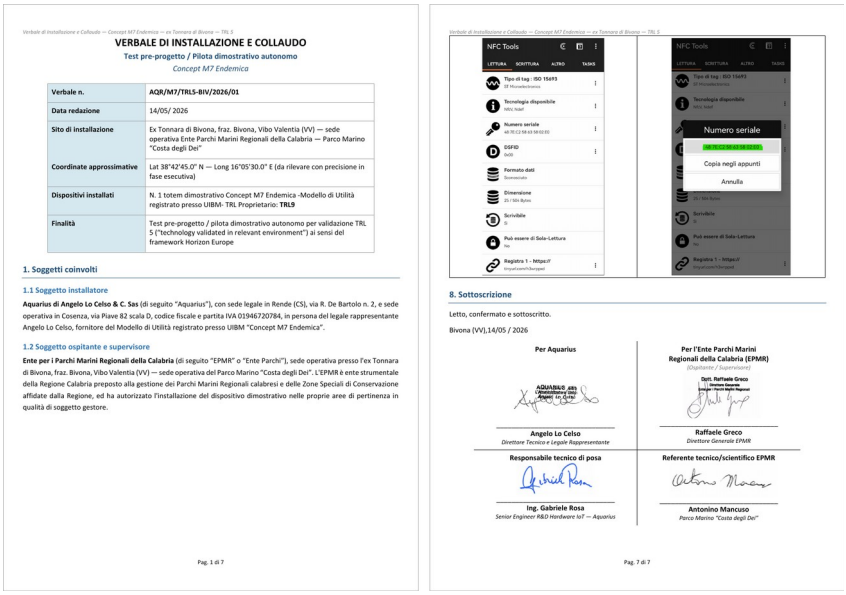



*Figure 1 · AWS S3 console, folder of the documents of the ENDEMICA platform, with upload date and time of each file. Screenshot cropped to remove the browser bars only; the red box on the report has been added.*



VERBALE DI INSTALLAZIONE E COLLAUDO

Test pre-progetto / Pilota dimostrativo autonomo

*Concept M7 Endemica*

| | |
|---|---|
| Verbale n. | AQR/M7/TRL5-BIV/2026/01 |
| Data redazione | 14/05/ 2026 |
| Sito di installazione | Ex Tonnara di Bivona, fraz. Bivona, Vibo Valentia (VV) — sede operativa Ente Parchi Marini Regionali della Calabria — Parco Marino "Costa degli Dei" |
| Coordinate approssimative | Lat 38°42'45.0" N — Long 16°05'30.0" E (da rilevare con precisione in fase esecutiva) |
| Dispositivi installati | N. 1 totem dimostrativo Concept M7 Endemica -Modello di Utilità registrato presso UIBM- TRL Proprietario: **TRL9** |
| Finalità | Test pre-progetto / pilota dimostrativo autonomo per validazione TRL 5 ("technology validated in relevant environment") ai sensi del framework Horizon Europe |

1. Soggetti coinvolti

1.1 Soggetto installatore

**Aquarius di Angelo Lo Celso & C. Sas** (di seguito "Aquarius"), con sede legale in Rende (CS), via R. De Bartolo n. 2, e sede operativa in Cosenza, via Piave 82 scala D, codice fiscale e partita IVA 01946720784, in persona del legale rappresentante Angelo Lo Celso, fornitore del Modello di Utilità registrato presso UIBM "Concept M7 Endemica".

1.2 Soggetto ospitante e supervisore

**Ente per i Parchi Marini Regionali della Calabria** (di seguito "EPMR" o "Ente Parchi"), sede operativa presso l'ex Tonnara di Bivona, fraz. Bivona, Vibo Valentia (VV) — sede operativa del Parco Marino "Costa degli Dei". L'EPMR è ente strumentale della Regione Calabria preposto alla gestione dei Parchi Marini Regionali calabresi e delle Zone Speciali di Conservazione affidate dalla Regione, ed ha autorizzato l'installazione del dispositivo dimostrativo nelle proprie aree di pertinenza in qualità di soggetto gestore.

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8. Sottoscrizione

Letto, confermato e sottoscritto.

Bivona (VV), 14/05 / 2026

| Per Aquarius | Per l'Ente Parchi Marini Regionali della Calabria (EPMR) |
|---|---|
| Angelo Lo Celso<br>*Direttore Tecnico e Legale Rappresentante* | Dott. Raffaele Greco<br>*Direttore Generale EPMR* |
| **Responsabile tecnico di posa** | **Referente tecnico/scientifico EPMR** |
| Ing. Gabriele Rosa<br>*Senior Engineer R&D Hardware IoT — Aquarius* | Antonino Mancuso<br>*Parco Marino "Costa degli Dei"* |

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*Figure 2 · Report no. AQR/M7/TRL5-BIV/2026/01 of 14 May 2026: page 1 and page 7, with the four signatures.*

### 3.3 ENDEMICA platform: evidence pre-dating submission

| Item | Finding | Source |
|---|---|---|
| Address | https://m067.aquariuspa.it/endemica/, given on p. 8 of the proposal. On 16 Nov 2026 the page opens without login | Annex 2A, p. 8; check 6 |
| HTTPS site | Certificate valid from 5 Jan 2026 | Check 4 |
| Code | 16 commits on the platform from 19 May 2026, 11:27 (e852991) to 26 May 2026, 11:39 (0272e8f) | Production code repository |
| Static files | 41 files. Last commit before submission: 26 May 2026, 11:19:33 (898ab91). On 13 Nov 2026, for all 41 files the MD5 of the file online equals that of the commit | Check 3 |
| Data | 13 Special Areas of Conservation and 6 marine parks loaded or updated on 19 May 2026; 16 points of interest, 15 published, the last one created on 22 May 2026 at 18:27; 3 user reports created between 20 and 22 May 2026; 1 seagrass meadow | Check 3 |

**Reading note.** In November 2026 some descriptive texts of the platform were aligned with the submitted proposal. The code, data and documents cited in this record pre-date submission.

## 4. Letters of support published before submission

Seven letters of support, dated 20 and 21 May 2026 and published on the platform on 21 and 22 May 2026 (page "Consulta Infografica"). For each file the fingerprint recalculated on 16 Nov 2026 matches the S3 ETag.

| No. | Sender and signatory | Date and reference | Uploaded to S3 | Bytes | MD5 = S3 ETag |
|---|---|---|---|---|---|
| 1 | Municipality of Diamante, Mayor Achille Ordine | Prot. 0011411 of 21 May 2026 | 21 May 2026, 15:38:12 | 241,586 | `b970102e8df1480947f93edb7f5ac479` |
| 2 | Municipality of Cetraro, Mayor Giuseppe Aieta | Prot. no. 0006572/2026 of 21 May 2026 | 21 May 2026, 19:48:11 | 1,222,095 | `7d5f5ad47dbf8d0460b7474d39b735b0` |
| 3 | Seahorse Dive Center, Tortora, Antonio Gallico | 20 May 2026 | 21 May 2026, 19:53:26 | 1,124,300 | `3e50331b0edaca57d7f28fbe7faab76d` |

| No. | Sender and signatory | Date and reference | Uploaded to S3 | Bytes | MD5 = S3 ETag |
|---|---|---|---|---|---|
| 4 | Scuba World ASD, Vibo Valentia, Domenico Barbuto | 20 May 2026 | 21 May 2026, 20:03:44 | 343,790 | `140de965efff52be7a796925990ccd7d` |
| 5 | Municipality of Belmonte Calabro, Mayor Roberto Veltri | Prot. no. 3698 of 21 May 2026 | 21 May 2026, 20:06:55 | 201,171 | `c451d314313cbe86e31faeb5ad9466c6` |
| 6 | Cooperativa Pescatori Arcobaleno (fishers' cooperative), Vibo Marina, Nicola De Leonardo | 20 May 2026 | Original: 21 May 2026, 20:14<br>Rev02: 13 Nov 2026, 09:18:55 | Original: 535,249<br>Rev02: 351,305 | `Original: 9513e4281f92100eceb26d457cec2c31`<br>`Rev02: ef7dce1202292a04f8bc78a01876bf8d` |
| 7 | Municipality of Pizzo, Mayor Sergio Pititto | Prot. (U) no. 0012874/2026 of 21 May 2026 | 22 May 2026, 18:35:21 | 21,592,083 | `MD5: 72c314c6a41819e5473f02cdccdf9f2e`<br>`S3 ETag (file in 3 parts): 04be12b5b83cb0f23400577240469670-3` |

Letter no. 6: the file uploaded before submission is the original of 21 May 2026, kept on S3. Since 13 Nov 2026 the platform has published the Rev02 file.

## 5. Existing infrastructure cited in the proposal

The proposal refers to the eco-friendly mooring fields already present in the pilot sites (§ 3.3.1, p. 12) and to the sustainable mooring infrastructure of the Marine Parks Authority under PNRR and ERDF funding (§ 4.3, p. 22). Public sources, in Italian:

- Ente Parchi Marini Regionali della Calabria, mooring fields: https://www.parchimarinicalabria.it/campi-ormeggio-epmr
- Regione Calabria, tender “Campi Ormeggio per la tutela di habitat sensibili nelle aree protette” (mooring fields for the protection of sensitive habitats in protected areas), managed by the Marine Parks Authority, PNRR funds: decree no. 3429 of 11 March 2025; award decree no. 6909 of 13 May 2025

## 6. Findings

It is recorded that:

- the installation and test report of the Totem M7 no. AQR/M7/TRL5-BIV/2026/01, dated 14 May 2026 and co-signed by the Marine Parks Authority, has been published on the ENDEMICA platform since **20 May 2026**, seven days before the proposal was submitted, and the file online today is identical to the one uploaded on that day;
- the ENDEMICA platform, at the address given on p. 8 of the proposal, was in operation before 27 May 2026, with code, files and data dated between 19 and 26 May 2026;
- the seven letters of support are dated 20 and 21 May 2026 and the published files are intact. Six have been online since 21–22 May 2026; for letter no. 6 the published file was replaced on 13 Nov 2026.

The record documents facts that pre-date submission. It does not modify the proposal or add information to it.

The reports of checks 1, 2 and 3 (publication dates, integrity check, traceability extractions) are kept on file by Aquarius and are available on request.

## 7. Signature

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| Read, confirmed and signed.<br>Cosenza, 16 November 2026 | **For Aquarius**<br><br>**Angelo Lo Celso**<br>Technical Director and Legal Representative |