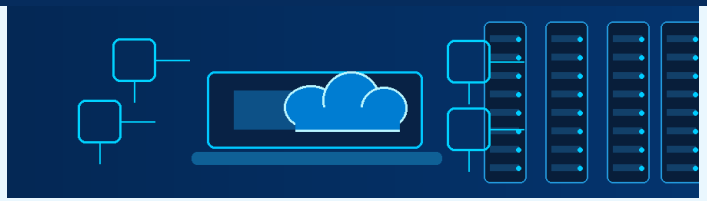
TTPA IT REPORT

AUGUST 2026

PEOPLE | TECHNOLOGY | SAFER SEAS



AT A GLANCE

Key IT activities and progress for August 2026



WEBSITE & DIGITAL

- Domain migrated to ttpilots.com
- Website and brand enhancement in progress
- Ongoing website and app maintenance



SECURITY & BACKUPS

- ESET Protect antivirus deployment
- Migration from iBackup to Veeam Backup & Replication
- Daily/monthly backup verification



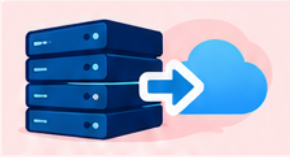
PPU UPDATE

- Trenz PPUs received and testing with Pilotpro app



FORCE TECHNOLOGY VRSIM

- Setup completed at Savonetta
- Ready for training and operations



SERVER MIGRATION

- Carded for 2 October 2026
- Migrate servers to new environment
- Minimal downtime planned



APPLICATIONS & SYSTEMS

- Revisit iOS app for update and new GUI
- Web app maintenance: payslip, billing, tides
- TIDALIS project ongoing



END USER SUPPORT

- Responsive support for all staff
- Hardware and software issues
- Account access and permissions



ROUTINE MAINTENANCE

- Roster/Sumac website and app updates
- TTPA website maintenance
- Group Policy and server backup checks

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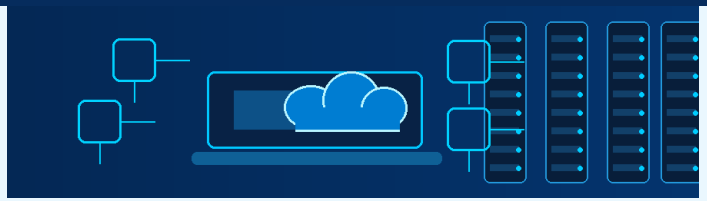


AUGUST HIGHLIGHTS & SERVICE CONTINUITY

AUGUST HIGHLIGHTS

- ESET Protect deployed across servers and end users.
- VRSIM setup at Savonetta completed and ready.
- Website rebranding to ttpilots.com progressed.
- Trenz PPUs and 2 United units under testing.
- Backup preparation for Veeam migration.

SERVICE CONTINUITY

- Core business systems operational.
- Email services stable; domain migration planned.
- Website, Roster/Sumac, Payslip, Billing and Tides operational.
- Daily backups completed successfully.
- No major incidents or downtime in August 2026.



FORWARD PLAN

- Complete server migration on 2 October 2026.
- Continue TIDALIS project and integration activities.
- Release updated iOS app in October 2026.
- Enhance reporting and analytics.
- Continue security improvements and monitoring.
- Ongoing user support, training and engagement.
- Evaluate and progress purchase of the BathyCat USV Survey Catamaran in November 2026.
  Planned use: portable bathymetric surveys from shore.

KEY MILESTONES

Aug 2026	ESET Protect deployed
Aug 2026	VRSIM setup completed
Aug 2026	PPU testing ongoing
2 Oct 2026	Server migration
Oct 2026	iOS app update
Nov 2026	BathyCat USV acquisition - planned
Q4 2026	TIDALIS progress

Proposed purchase subject to internal approval and procurement.

ONGOING COMMITMENT

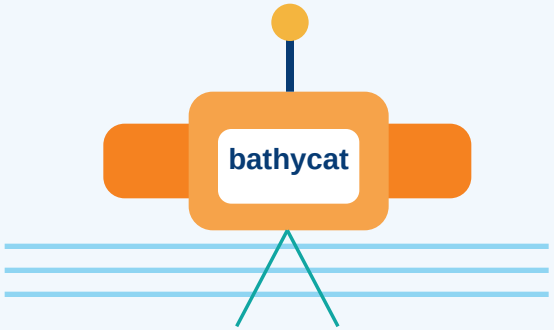
- Maintain reliable and secure IT services.
- Support TTPA operational and safety objectives.
- Continuous improvement and innovation.
- Provide timely support and training for all users.
- Deliver projects on time with minimal disruption.

Technology enabling safer navigation.

BATHYCAT USV - SUPPLEMENTAL REVIEW

Proposed November 2026 acquisition | Bathymetric survey capability

What is the BathyCat?



Single-beam bathymetric survey

A portable unmanned surface vessel (USV) designed to carry a single-beam echo sounder and survey electronics. It allows depth data to be collected from shore, reducing the need to launch a crewed survey boat for smaller or difficult-to-access areas.

Potential value to TTPA

- Rapid shallow-water depth checks around berths, channels and near-shore areas.
- Survey access where launching a conventional boat is impractical or inefficient.
- Reduced personnel exposure by operating the platform from shore.
- Portable platform that can support recurring verification and targeted surveys.
- Expandable to autonomous survey lines with the optional BathyNav autopilot.

Core platform specifications

Length	1010 mm / 40 in
Width	609 mm / 24 in
Payload	11.33 kg / 25 lb
Battery endurance	Up to 4 hrs each
Speed	8-10 knots
RC range	Up to 4 km
Hull	HDPE
Deployment	No assembly required

Proposed survey configuration

- ✓ **BathyCat USV**
  Base remote-control survey vessel.
- ✓ **Echo sounder**
  BL200 or BL700 single-beam sonar purchased separately.
- ✓ **Positioning**
  GPS / data collector mounted to the platform.
- ✓ **Autonomy**
  Optional BathyNav autopilot for planned survey lines.
- ✓ **Data workflow**
  Depth + position captured for bathymetric mapping and analysis.

November 2026 procurement

Base price: US$3,799*

- Confirm required survey package: USV only vs. USV + echo sounder + GPS/data collector.
- Request international shipping quotation to Trinidad and Tobago and confirm lead time.
- Evaluate BL200 (up to 100 m) versus BL700 shallow-water option based on operational needs.
- Assess BathyNav autopilot if repeatable survey lines and autonomous missions are required.
- Plan operator familiarization, field testing, data workflow, storage and maintenance support.
- Prepare total cost of ownership including accessories, freight, batteries, spares and software.

Recommendation: Proceed to vendor quotation and technical fit assessment during November 2026.

*Base price shown on Bathylogger product page; echo sounder, autopilot, freight and other options are additional. Product specifications subject to vendor confirmation.