CAUSE NO. 202448085

ATLANTIC WAVE HOLDINGS, LLC and SECURE COMMUNITY, LLC, *Plaintiff, Judgment-Creditor,*	§	IN THE DISTRICT COURT
v.	§	129TH JUDICIAL COURT
CYBERLUX CORPORATION and MARK D. SCHMIDT, individually *Defendant, Judgment-Debtor.*	§	IN AND FOR HARRIS COUNTY, TEXAS

Exhibit 9- Advanced Navigation and Positioning Corporation

Cause No. 202448085 styled *Atlantic Wave Holdings, LLC et al. v. Cyberlux Corporation et al*, in the 129th District Court in and For Harris County, Texas

STATE OF NORTH CAROLINA

COUNTY OF DURHAM

IN THE GENERAL COURT OF JUSTICE
SUPERIOR COURT DIVISION
25-CVS-_____

Advanced Navigation & Positioning Corporation Plaintiff, -v- Cyberlux Corporation Defendant.	)	VERIFIED COMPLAINT

Plaintiff, complaining of the Defendant, alleges:

PARTIES

1. The Plaintiff Advanced Navigation & Positioning Corporation, ("**Plaintiff**" or "**ANPC**") is a Delaware corporation in good standing with a legal existence and the capacity to sue, with its principal place of business located at 489 North 8th Street, Suite 203, Hood River, Oregon, 97031.

2. Upon information and belief, Cyberlux Corporation ("**Defendant**" or "**Cyberlux**") is a Nevada corporation with its principal place of business in Durham County located at 800 Park Offices Drive, Suite 3209 Research Triangle, North Carolina, 27709 and can be served with process upon its registered agent, CT Corporation System, located at 160 Mine Lake Ct Ste 200, Raleigh, North Carolina 27615.

3. This Court has jurisdiction over the parties to this action pursuant to N.C. General Statute §1-75.4 and other applicable bases for jurisdiction.

4. Venue is proper pursuant to N.C. General Statute §1-82 and other applicable bases for venue.

Electronically Filed Date: 6/5/2025 4:37 PM Durham Superior Court County Clerk of Superior Court

BACKGROUND

5. ANPC is a supplier of precision approach guidance and area surveillance solutions.

6. On or around October 11, 2024, Cyberlux and ANPC entered into a purchase agreement (the "**Purchase Agreement**") in which ANPC agreed to provide and Cyberlux agreed to purchase two Transportable Transponder Landing Systems with two guidance transmitter units, one applicable trailer, documentation, and spare parts (the "**Goods**"), along with installation services, training services, and assisted operations support (the "**Services**")

7. The parties agreed that ANPC was to invoice Cyberlux for the Goods and Services according to five milestones set out in the Purchase Agreement (each of the five milestones referred to individually as a "**Milestone**" and together as "**Milestones**").

8. ANPC performed under the Purchase Agreement, providing the Goods and Services in accordance with the terms of the Purchase Agreement.

9. ANPC invoiced Cyberlux for its performance through the first three Milestones set out in the Purchase Agreement.

10. Cyberlux paid ANPC the corresponding amount invoiced for the first three Milestones.

11. On December 20, 2024, ANPC invoiced Cyberlux a final invoice in the amount of $2,830,050 (the "**Final Invoice**"). A true and accurate copy of the Final Invoice is attached hereto and incorporated herein by reference as **Exhibit A**.

12. Cyberlux did not communicate to ANPC any issues with the Final Invoice.

13. Cyberlux has not disputed that ANPC performed under the Purchase Agreement, that ANPC provided the Goods and Services, or that the amount set out in the Final Invoice is due to ANPC.

14. Pursuant to the Purchase Agreement, Cyberlux was required to pay the Final Invoice within ten days business days of Cyberlux's receipt of payment from Cyberlux's customer.

15. Upon information and belief, Cyberlux had received payment from Cyberlux's customer as of December 20, 2024 sufficient to pay the Final Invoice by December 30, 2024.

16. Cyberlux breached the Purchase Agreement when it failed to make a payment on the Final Invoice on or before December 30, 2024.

17. According to the Purchase Agreement, all disputes arising under the Purchase Agreement must be initially referred to the parties' senior management for resolution. The parties agreed to wait fourteen calendar days following referral to senior management before bringing to court any action arising out of or related to the Purchase Agreement.

18. Upon Cyberlux's failure to pay the Final Invoice in a timely manner, ANPC, by and through its attorney, gave notice to the Buyer's CEO of Cyberlux's failure to make timely payments on May 15, 2025 (the "**Payment Dispute Letter**").

19. The Payment Dispute Letter was sent to Cyberlux's CEO via Federal Express and email.

20. As of the date of this Verified Complaint, Cyberlux has not responded to the Payment Dispute Letter.

21. It has been more than fourteen days since ANPC sent the Payment Dispute Letter to Cyberlux.

CLAIM FOR RELIEF

(Breach of Contract—Purchase Agreement)

22. ANPC incorporates the prior allegations of the Complaint by reference.

23. The Purchase Agreement is a valid and enforceable contract.

24. ANPC has performed all of its obligations under the Purchase Agreement.

25. Cyberlux has materially breached the Purchase Agreement by failing to pay the Final Invoice as and when due.

26. ANPC has been damaged by Cyberlux's failure to pay the Final Invoice, which represents amounts owed under the Agreement for ANPC's performance.

27. As of the date of this Verified Complaint, ANPC is entitled to prejudgment interest at the rate of eight percent (8%) per annum for failure to pay the invoice by December 30, 2024.

28. ANPC is entitled to post-judgment interest accruing after the date of this Complaint through the date of judgment.

29. ANPC is entitled to a judgment against Cyberlux on the Purchase Agreement in the amount of **$2,926,814.39**, which includes: (1) $2,830,050.00 for the Final Invoice and (2) interest in the amount of $96,764.39, representing interest accruing from the date of breach through the date of this Complaint.

WHEREFORE, ANPC respectfully prays that the Court:

A. Enter judgment in favor of ANPC and against Cyberlux in the amount of **$2,926,814.39**, which includes: (1) $2,830,050.00 for the Final Invoice and (2) interest in the amount of $96,764.39.

B. Grant ANPC post-judgment interest as allowed by law.

C. Tax the costs of this action against Cyberlux.

D. Grant ANPC such other and further relief as the Court deems just and proper.

This the 5th day of June, 2025.

/s/ Catherine G. Clodfelter
Catherine G. Clodfelter
N.C. State Bar No. 47653
Charles E. Raynal IV
N.C. State Bar No. 32310
PARKER POE ADAMS & BERNSTEIN LLP

301 Fayetteville Street, Suite 1400
P.O. Box 389 (27602-0389)
Raleigh, North Carolina 27601
Telephone: (919) 835-4036
Facsimile: (919) 834-4564
Email: catherineclodfelter@parkerpoe.com
charlesraynal@parkerpoe.com
Counsel for Plaintiff ANPC

VERIFICATION

Tim Arbogast, being first duly sworn, deposes and says that he is the CFO of Advanced Navigation and Positioning Corporation, a Delaware corporation, and, as such, he is authorized to make this oath; that he has read the foregoing and attached Verified Complaint, and that the same is true of his own personal knowledge except those matters stated upon information and belief, which he believes to be true.

Advanced Navigation and Positioning Corporation

By: Tim Arbogast
_____, CFO

STATE OF Oregon
COUNTY OF Hood River

Personally appeared before me, Tim Arbogast, either being personally known to me ~~or proven by satisfactory evidence (said evidence being _____)~~; and acknowledged that he signed the foregoing document.

This the 5 day of June, 2025.

_____
Notary Public Emily Joyce
(Type or Print Name)

My commission expires: May 13, 2029
(Notary Seal)

OFFICIAL STAMP
Emily Joyce
NOTARY PUBLIC - OREGON
COMMISSION NO. 1058184
MY COMMISSION EXPIRES MAY 13, 2029

OFFICIAL STAMP
Emily Joyce
NOTARY PUBLIC - OREGON

Exhibit A

Invoice

Advanced Navigation & Positioning Corporation
489 N 8th Street Suite 203
Hood River, OR 97031
(800) 228-1857

Invoice Number: 0000696-IN
Invoice Date: 12/20/2024

Order Number: 0000261
Order Date: 10/8/2024
Salesperson: FRMB
Customer Number: 14-CYB001

Sold To:
Cyberlux Corporation
800 Park Offices Drive, Suite 3209
Research Triangle Park
Durham, NC 27709
Confirm To:

Ship To:
Cyberlux Corporation
800 Park Offices Drive, Suite 3209
Research Triangle Park
Durham, NC 27709

Customer P.O.	Ship VIA	F.O.B.	Terms
CCC Agreement 106703.105			Prepaid

Item Code	Unit	Ordered	Shipped	Back Ordered	Price	Amount
/4000-14	EACH	1.00	1.00	0.00	2,830,050.00	2,830,050.00
Revenue-International						
Milestone 4: 20% of contract due upon SAT						

Net Invoice:	2,830,050.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Invoice Total:	2,830,050.00

Prepared by:

Tim Arbogast
2024.12.20
07:16:42-08'00'

Robert Berleth

From: Steve Naito <steve.naito@tnslaw.net>
Sent: Friday, June 6, 2025 9:49 AM
To: Robert Berleth
Cc: Tim Arbogast; Jeff Mains; Ashley Arnett
Subject: Atlantic Wave Holdings LLC Receivership CAUSE NO. 202448085
Attachments: 2025.06.05 Complaint(filed) NC.pdf

Robert, attached is a copy of the complaint filed by Advanced Navigation and Positioning Corporation (ANPC) against Cyberlux Corporation in North Carolina seeking $2,926,814.39 in damages. Please consider this ANPC's claim as to Cyberlux assets subject to the referenced receivership.

I would appreciate it if you would acknowledge receipt of this email.

Thank you.

Steve Naito
Tarlow Naito & Summers
2014 NE Broadway
Portland Oregon 97232
503 968-9000
503-913 4242 (cell)
steve.naito@tnslaw.net

Invoice

Advanced Navigation & Positioning Corporation
489 N 8th Street Suite 203
Hood River, OR 97031
(800) 228-1857

Invoice Number: 0000696-IN
Invoice Date: 12/20/2024

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Item Code	Unit	Ordered	Shipped	Back Ordered	Price	Amount
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Revenue-International						
Milestone 4: 20% of contract due upon SAT						

Net Invoice:	2,830,050.00
Less Discount:	0.00
Freight:	0.00
Sales Tax:	0.00
Invoice Total:	2,830,050.00

Prepared by:

Tim Arbogast
2024.12.20
07:16:42-08'00'

ANNEX I – FORM OF GOODS DELIVERY CONFIRMATION CERTIFICATE
(this "**Certificate**")

TO: ROCK NETWORKS INC.

RE: Confirmation Goods delivered to the Goods Delivery Location pursuant to and in accordance with the Purchase Agreement Number 106703.105 between the Canadian Commercial Corporation and ROCK Networks Inc. (the "**Agreement**")

Instructions and terms:

1. As of the date of the Supplier's signature below, Supplier hereby confirms and certifies that Goods listed below were delivered to the Goods Delivery Location in accordance with the requirements of the Agreement.
2. This document must be completed by the Supplier and accompany the shipment of the Goods.
3. This document forms part of the documentation for payment and payment of the applicable invoice milestone as set out at Annex K shall not be made without submission of a fully completed Annex I. Any comments and reservations made on this document may result in non-payment until the comments/reservations are successfully addressed in the view of BUYER.
4. Capitalized terms not defined herein have the meaning respectively given to such in the Agreement.
5. This Certificate may be signed electronically in multiple counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same document. The exchange of a fully signed Certificate (in counterparts or otherwise) by electronic mail shall be sufficient to bind Supplier.

Item #	Qty	Model # / Part # / Supplier Ref #	Description of Goods
1	1		Site Acceptance Test (SAT) Site 1 Report (TLS-2030)

Submitted by: Advanced Navigation & Positioning Corporation

Authorised Representative:

Name:……..Jeff Adams……..……

Jeff Adams
Signer ID: DJ4FGXBU12...

Signature:……..……..

Date:……..…12/19/2024……....

TRANSPORTABLE TRANSPONDER LANDING SYSTEM (TTLS)

Site Acceptance Test Procedure (SAT)
and
Test Result Register (TRR)
Book

COMPLETED FOR DUBNO AIR BASE TT-ILS

DECEMBER 16, 2024

DOCUMENT #300-00048 Rev D

Originator: Karl Winner

489 N. Eighth Street, Suite 203
Hood River, OR 97031

NOTICE

Advanced Navigation and Positioning Corporation has attempted to describe in this manual all areas of possible danger to personnel in connection with the use of this equipment. This document refers to United States government and professional technical standards: Consult government standards prevailing in the region of installation to assure compliance with local requirements.

Personnel should use caution when checking, operating, and servicing this equipment, especially when power is on. Like all electronic equipment, care should be taken to avoid electrical shock in all circuits where substantial currents or voltages may be present, through design or short circuit. Caution should be observed also in lifting and hoisting equipment especially regarding large structures during installation.

Advanced Navigation and Positioning Corporation is specifically not liable for any damage or injury arising out of a worker's failure to follow the instructions contained in this manual, or failure to exercise care and caution in the operation, checkout, and service of this equipment

Recommendations or errors discovered in this manual may be addressed by sending change recommendations and comments to:

ANPC
489 N. Eighth Street, Suite 203
Hood River, OR 97031
Attn: Customer Support
Fax to: (541) 386-2124
Email AnpcSupport@anpc.com
Ph (541) 386-1747

ENGINEERING CHANGE ORDER RECORD
Supplement –TTLS SAT and TRR

DOCUMENT #300-00048 Rev D

Revision Level	Issue Date	Revision Description	ECN #
A	2012Mar09	Initial Release	1888
B	2018Oct23	Added key performance parameters for GTU's 2, 3 and 4, eliminated some results as N/A	02088
C	2021Sep12	Adjust to be generic again with field for site name and location	ECA-00281
D	2024 Oct 1	Make compatible with 020-00103	TBD

TABLE OF CONTENTS

LIST OF FIGURES

SECTION 1: INTRODUCTION

1.1 Purpose

This document is a Test Result Register (TRR) and Site Acceptance Test (SAT) record of completing the installation of the Transportable Transponder Landing System (TTLS).

1.1.1 TTLS Register Reference Documents

The following reference documents contain the test procedures referred to in Section 2 and are required to complete the SAT and TRR procedures.

- ANPC document *#020-00103 Transponder Landing System (TLS) Field Service Manual*

SECTION 2: TTLS TEST RESULT REGISTER

2.1 TTLS Test Result Register

The TTLS Test Result Register (TRR) provides a record of the validation tests performed and the data to be recorded.

2.2 SAT Instructions

2.2.1 General: Copy, Complete, and Save

Use the Data Sheets in this document to record the completion of all installation procedures and to record the data and observations. This documentation is the record of system Site Acceptance Test (SAT).

Make two copies of the SAT tables from this section and complete them with the customer representative. One copy shall be retained by the customer, and one copy by ANPC.

.

Table 2-1 Installation Inspection (Document #020-00103)

Description
Site location and serial number: TLS2030
Contract number: #106703.105-CYBERLUX-ANPC

Para	Manual Subheading	Description	Y/N
2	Antenna Component Siting	Theodolite back-site stake same as Interrogator offset from runway	Y
3.3	Shelter Setup	Shelter components properly installed	Y
4.1	Uplink Tower Assembly	Uplink tower properly installed	Y
4.1	Glide Slope Transmit Antenna Installation	Glide slope antenna properly installed	Y
4.1	Localizer Transmit Antenna Installation	Localizer antenna properly installed	Y
4.3	Cal/BIT Assembly	Cal/BIT structure properly installed per *Cal/BIT Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.3	Cal/BIT Assembly	Cal/BIT transmitter properly installed per *Cal/BIT Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.3	Cal/BIT Assembly	Cal/BIT antenna properly installed per *Cal/BIT Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.2	ASA Assembly	ASA structure properly installed per *ASA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y

ANPC Initials KW

Para	Manual Subheading	Description	Y/N
4.2	ASA Assembly	ASA antennas properly installed per *ASA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.2	ASA Assembly	ASA electronics properly installed per *ASA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.4	ATA Assembly	ATA structure properly installed per *ATA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.4	ATA Assembly	ATA antennas properly installed per *ATA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	ESA Tower Assembly	ESA tower properly installed per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	Raise ESA Tower	ESA guy wire tension per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	ESA Tower Assembly	ESA antennas properly installed per ESA/Uplink Checklists outlined in 020-00098 System Install/Calibration Checklist	Y
4.5	Tilt Sensor Installation	ESA tilt sensors properly installed per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	ESA Sensor Electronics Installation	ESA electronics properly installed per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y

ANPC Initials KW

Para	Manual Subheading	Description	Y/N
4.1	Suppressor and Interrogator Antenna Installation	Interrogator antenna structure properly installed per *Interrogator Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.1	Suppressor and Interrogator Antenna Installation	Final Alignment of Interrogation Antennas complete per *Interrogator Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.1	Suppressor and Interrogator Antenna Installation	Interrogator antenna(s) properly installed per *Interrogator Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.6	RCU Wireless Ethernet Setup	RCU Option properly Installed Option (fiber, RF modem)	Y
4.6	Remote Control Unit	RCU connections and surge suppression properly installed	Y
5	General Information	Safety inspection complete	Y
5	System Configuration Procedures	Successful system configuration Audit Inspection	Y

Notes:

ANPC Initials KW

Table 2-2 Precision Equipment Survey (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.1	TLS Equipment Survey	**ASA equipment precision survey**		
		Reference Azimuth	194, 56’17”	deg, min, sec
		Reference Range	865.8	feet
		Elevation	0, 5’46”	deg, min, sec
		ATA Equipment Precision Survey		
		Azimuth	201, 39’1”	deg, min, sec
		Range	750.5	feet
		Elevation	0, 1’0”	deg, min, sec
		Cal/BIT equipment precision survey		
		Azimuth	202, 32’26”	deg, min, sec
		Range	577.7	feet
		Elevation	N/A	deg, min, sec
		Interrogation antenna precision survey		
		Azimuth	211,2’53”	deg, min, sec
		Range	1039.1	feet
		Elevation	N/A	deg, min, sec

ANPC Initials KW

Para	Manual Subheading	Description	Measured	Units
5.1	TLS Equipment Survey	**ESA equipment precision survey**		
		Azimuth	208, 55’56”	deg, min, sec
		Range	955.8	feet
		Elevation	0, 8’37”	deg, min, sec
5.1	FTM Theodolite Position Survey	Calculated FTM theodolite distance from threshold, *dz*=0	139.63	feet
5.1	FTM Theodolite Position Survey	Runway Offset (os)	0 (on centerline)	feet
5.1	FTM Theodolite Position Survey	FTM theodolite location marked	206.6	meters

Notes:

Table 2-3 Precision Equipment Survey: ESA (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
4.5	Measure ESA Antennas	ESA tower base separation from Reference antenna phase center	16.00	Inches
		ESA antenna separations		
		Reference to Low	88.00	Inches
		Reference to Med	193.50	Inches
		Reference to High	279.50	Inches

Notes:

ANPC Initials KW

Table 2-4 Mask Angle Text (Document # 020-00103)

Para	Manual Subheading	Mask Angle Test	Azimuth Angles	Elevation Angle	Units
5.1	Mask Angle Measurement	P1/P3 mask angle with theodolite zeroed on approach angle	0° 00'		Deg
5.1	Mask Angle Measurement	P1/P3 mask angles ± 45 ° at 5° or peak increments	315°	1.5	Deg
			320°	1.5	Deg
			325°	1.5	Deg
			330°	2.0	Deg
			335°	1.0	Deg
			340°	0.8	Deg
			345°	0.5	Deg
			350°	0.5	Deg
			355°	0.5	Deg
			360° / 0°	0.5	Deg
			05°	0.5	Deg
			10°	0.5	Deg
			15°	0.5	Deg
			20°	0.6	Deg
			25°	0.8	Deg
			30°	0.9	Deg
			35°	1.0	Deg
			40°	1.0	Deg
			45°	1.0	Deg

Notes: Trees left and right of centerline add 0.25 to 0.5 degrees to mask angle

Table 2-5 Azimuth Space Test (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.1	Mask Angle Measurement	Clear Azimuth Space	+/- 20	-Deg/+Deg

Notes: Lowest coverage elevation at 10 nm +/- 20 degrees (0.5 deg elevation) equals 550 feet

ANPC Initials KW

Table 2-6 System Power Check (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
N/A	--	Valid calibration status of theodolite equipment	Y
5.2	Rack Electronics Power On	UPS Status light ON. No alarms indicated.	Y
5.2	Sensor, Cal/BIT and RCU Power On	Sensor power ON and obstruction lights illuminated	Y
5.2	Sensor, Cal/BIT and RCU Power On	Cal/BIT obstruction lights illuminated	Y
7.5	UPS Battery Check Procedure	UPS battery self-test complete	Y
5.2	Sensor, Cal/BIT and RCU Power On	RCU link to base OK	Y
5.3	System CPU Clock Synchronization	Base CPU clocks synchronized	Y
5.3	Initial System Startup	System software started successfully	Y
N/A	--	TTLS Software version	7.1.1

Notes:

ANPC Initials KW

Table 2-7 Tilt Sensor Setup, Initial TOA, Overlap Tests (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.5	Input Survey Data	Precision survey data entered	Y	**Check Box**
N/A	--	Tilt sensor serial numbers, locations and data match installed units	Y	**Check Box**
5.7	Tilt Sensor Configuration	Perpendicular tilt with cable disconnected	Y	**Check Box**

Para	Manual Subheading	Description	Min	Measured	Max	Units
5.7	Tilt Sensor Configuration	Parallel Tilt Average	- 0.2	0.10	+0.2	Deg
		Perpendicular Tilt Average	- 0.2	0.15	+0.2	Deg

Para	Manual Subheading	Description		Units
5.6	ASA, ATA, ESA, Interrogator and Uplink Monitor Values	ASA TOA	6573	Nsec
		ATA TOA	6905	Nsec
		ESA TOA	6899	Nsec
		System F1 delay - no overlap	5.05	µSec

Notes:

ANPC Initials KW

Table 2-8 Cal/BIT Amplitude and TOA Nominal Settings (Document # 020-00103)

Para	Manual Subheading	Description	Min	Measured	Max	Units
Cal/BIT Amplitude Setting						
5.6	Cal/BIT Power Settings	Attenuation inserted in Cal/BIT output (if needed)		6dB		dB
		Final ESA Cal/BIT amplitudes				
		Low	1000	1601	1950	mV
		Med	1000	1460	1950	mV
		High	1000	1268	1950	mV
		Reference	1000	1571	1950	mV
		Final ASA Cal/BIT amplitudes				
		Low	1000	1812	1950	mV
		High	1000	1789	1950	mV
		Reference	1000	1788	1950	mV
		Final ATA Cal/BIT amplitudes Medium	1000	1891	1950	mV
TOA Nominal Tuning						
5.6	TOA F1 Tuning	Optimized F1 delay			µSec	

Notes:

Table 2-9 Computer Security Setup (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
5.2	Rack Electronics Power On	MIU password enabled	Y
5.2	Sensor, Cal/BIT and RCU Power On	RCU password enabled (optional)	Y
5.9	Pressure Sensor Verification	Pressure Sensor is operating	Y
5.9	Pressure Sensor Verification	Surveillance is operating	Y

Notes:

ANPC Initials 

Table 2-10 Calibration and Validation, FTM Link Validation (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
Calibration and Validation			
6.1	FTM Assembly and Setup	FTM link operational validation	Y

Notes:

Table 2-11 Calibration Profiles (Document # 020-00103)

Para	Manual Subheading	Successful Calibration Profiles	Raw File Name	Notes
6.2	Calibration Procedures & Calibration Profiles	Drone cal profile at 0.5nm	D1211_02	Drone W/ Theodolite Rack B
		Drone on glide slope from 0.5 nm	D1211_09_1	Drone W/ Theodolite Rack B
		Drone on glide slope from 0.5 nm	D1211_00_1	Drone W/ Theodolite Rack A
		Drone arc at 0.5 nm	D1211_10_1	Drone W/O SkyRF result = 5 deg

Notes:

Table 2-12 Flight Test Completion (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
6.2	Calibration File Generation & Validation Profile Approach	Verify flights complete	Y
6.2	Calibration Validation Verification (Look Tool)	Valid Cal.dat created from flight data	Y

Notes:

ANPC Initials KW

Table 2-13 Signal Performance Verification (Document # 020-00103)

Para	Manual Subheading	Successful Validation Profiles	Raw File Name	Notes
Signal Performance Verification				
6.3	Flight Inspection Support LOCALIZER ARCS AND ADDITIOANL GLIDE SLOPE CROSSINGS IN THIS SECTION NOT APLICABLE AS WAS FLIGHT INSPECTION BEYOND GLIDE SLOPE ALIGNMENT AND LOCALIZER ALIGNMENT ARE NOT PART OF THE PROJECT	Localizer arc (left to right)	N/A	
		Localizer arc (right to left)	N/A	
		Localizer standard approach	D1213_01_2	
		Glide slope crossing	N/A	Completed by drone
		Glide slope standard approach #1	D1213_02_2	
		Glide slope standard approach #2	D1213_03_2	
		Glide slope below path approach	N/A	

Notes: F16's conducted approaches during an air alert on Friday 13, 2024. File names are as follows:

D1213_00_2
D1213_01_2
D1213_02_2
D1213_03_2

Table 2-14 Final BIT Nominals Rack A (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.8	ASA, ATA, ESA, Interrogator and Uplink Monitor Values	**Final Bit Nominals**		
		ESA Nominals		
		ESA High Phase	108	Cnts
		ESA Medium Phase	137	Cnts
		ESA Low Phase	145	Cnts
		ESA Average Power High	1268	mV
		ESA Average Power Medium	1460	mV
		ESA Average Power Low	1601	mV
		ESA Average Power Reference	1571	mV
		ESA TOA Bias Near	6899	ns
		ESA Perpendicular Tilt	-0.735	deg
		ESA Parallel Tilt	-0.017	deg
		ASA Nominals		
		ASA High Phase	30	Cnts
		ASA Low Phase	121	Cnts
		ASA Average Power High	1789	mV
		ASA Average Power Low	1812	mV
		ASA Average Power ATA	1891	mV
		ASA Average Power Reference	1788	mV
		ASA TOA Bias Near ATA	6573	ns
		ASA TOA Bias Near	6565	ns
		GTU1		
		DSA setting	18	dB
		Localizer Carrier Sample Power	1850	mV
		Localizer Reflected Power	550	mV
		DSA setting	17	db
		Glide slope Carrier Sample Power	1800	mV
		Glide slope Reflected Power	500	mV
		Interrogation Transmitter Nominals		
		P1/P3 Nominal Amplitude	1022	mV

Notes:

ANPC Initials KW

Table 2-15: Final BIT Nominals Rack B (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.8	ASA, ATA, ESA, Interrogator and Uplink Monitor Values	**Final Bit Nominals**		
		ESA Nominals		
		ESA High Phase	108	Cnts
		ESA Medium Phase	137	Cnts
		ESA Low Phase	145	Cnts
		ESA Average Power High	1268	mV
		ESA Average Power Medium	1460	mV
		ESA Average Power Low	1601	mV
		ESA Average Power Reference	1571	mV
		ESA TOA Bias Near	6904	ns
		ESA Perpendicular Tilt	-0.15	deg
		ESA Parallel Tilt	-0.10	deg
		ASA Nominals		
		ASA High Phase	30	Cnts
		ASA Low Phase	121	Cnts
		ASA Average Power High	1789	mV
		ASA Average Power Low	1812	mV
		ASA Average Power ATA	1891	mV
		ASA Average Power Reference	1788	mV
		ASA TOA Bias Near ATA	6573	ns
		ASA TOA Bias Near	6565	ns
		GTU1		
		DSA setting	18	dB
		Localizer Carrier Sample Power	1850	mV
		Localizer Reflected Power	550	mV
		DSA setting	17	db
		Glide slope Carrier Sample Power	1800	mV
		Glide slope Reflected Power	500	mV
		Interrogation Transmitter Nominals		
		P1/P3 Nominal Amplitude	1022	mV

Notes:

ANPC Initials KW

APPENDIX A. ANPC SITE DATA VERIFICATION SIGN-OFF

Test Result Register

NOTES / Remarks:

Released by: Dec 15, 2024

Karl Winner
Subject Matter Expert TT-ILS
ANPC Representative

ANNEX I – FORM OF GOODS DELIVERY CONFIRMATION CERTIFICATE
(this "**Certificate**")

TO: ROCK NETWORKS INC.

RE: Confirmation Goods delivered to the Goods Delivery Location pursuant to and in accordance with the Purchase Agreement Number 106703.105 between the Canadian Commercial Corporation and ROCK Networks Inc. (the "**Agreement**")

Instructions and terms:

1. As of the date of the Supplier's signature below, Supplier hereby confirms and certifies that Goods listed below were delivered to the Goods Delivery Location in accordance with the requirements of the Agreement.
2. This document must be completed by the Supplier and accompany the shipment of the Goods.
3. This document forms part of the documentation for payment and payment of the applicable invoice milestone as set out at Annex K shall not be made without submission of a fully completed Annex I. Any comments and reservations made on this document may result in non-payment until the comments/reservations are successfully addressed in the view of BUYER.
4. Capitalized terms not defined herein have the meaning respectively given to such in the Agreement.
5. This Certificate may be signed electronically in multiple counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same document. The exchange of a fully signed Certificate (in counterparts or otherwise) by electronic mail shall be sufficient to bind Supplier.

Item #	Qty	Model # / Part # / Supplier Ref #	Description of Goods
1	1		Site Acceptance Test (SAT) Site 2 Report TLS-2038

Submitted by: Advanced Navigation & Positioning Corporation

Authorised Representative:

Name:……..Jeff Adams……..……

Jeff Adams
Signer ID: DJ4FGXBU12...

Signature:……..……..

Date:……..…12/19/2024……....

TRANSPORTABLE TRANSPONDER LANDING SYSTEM (TTLS)

Site Acceptance Test Procedure (SAT)
and
Test Result Register (TRR)
Book

COMPLETED FOR VASYLKIV AIR BASE TT-ILS

DECEMBER 18, 2024

DOCUMENT #300-00048 Rev D

Originator: Karl Winner

489 N. Eighth Street, Suite 203
Hood River, OR 97031

NOTICE

Advanced Navigation and Positioning Corporation has attempted to describe in this manual all areas of possible danger to personnel in connection with the use of this equipment. This document refers to United States government and professional technical standards: Consult government standards prevailing in the region of installation to assure compliance with local requirements.

Personnel should use caution when checking, operating, and servicing this equipment, especially when power is on. Like all electronic equipment, care should be taken to avoid electrical shock in all circuits where substantial currents or voltages may be present, through design or short circuit. Caution should be observed also in lifting and hoisting equipment especially regarding large structures during installation.

Advanced Navigation and Positioning Corporation is specifically not liable for any damage or injury arising out of a worker's failure to follow the instructions contained in this manual, or failure to exercise care and caution in the operation, checkout, and service of this equipment

Recommendations or errors discovered in this manual may be addressed by sending change recommendations and comments to:

ANPC
489 N. Eighth Street, Suite 203
Hood River, OR 97031
Attn: Customer Support
Fax to: (541) 386-2124
Email AnpcSupport@anpc.com
Ph (541) 386-1747

ENGINEERING CHANGE ORDER RECORD
Supplement –TTLS SAT and TRR

DOCUMENT #300-00048 Rev D

Revision Level	Issue Date	Revision Description	ECN #
A	2012Mar09	Initial Release	1888
B	2018Oct23	Added key performance parameters for GTU's 2, 3 and 4, eliminated some results as N/A	02088
C	2021Sep12	Adjust to be generic again with field for site name and location	ECA-00281
D	2024 Oct 1	Make compatible with 020-00103	TBD

TABLE OF CONTENTS

LIST OF FIGURES

SECTION 1: INTRODUCTION

1.1 Purpose

This document is a Test Result Register (TRR) and Site Acceptance Test (SAT) record of completing the installation of the Transportable Transponder Landing System (TTLS).

1.1.1 TTLS Register Reference Documents

The following reference documents contain the test procedures referred to in Section 2 and are required to complete the SAT and TRR procedures.

- ANPC document *#020-00103 Transponder Landing System (TLS) Field Service Manual*

SECTION 2: TTLS TEST RESULT REGISTER

2.1 TTLS Test Result Register

The TTLS Test Result Register (TRR) provides a record of the validation tests performed and the data to be recorded.

2.2 SAT Instructions

2.2.1 General: Copy, Complete, and Save

Use the Data Sheets in this document to record the completion of all installation procedures and to record the data and observations. This documentation is the record of system Site Acceptance Test (SAT).

Make two copies of the SAT tables from this section and complete them with the customer representative. One copy shall be retained by the customer, and one copy by ANPC.

.

Table 2-1 Installation Inspection (Document #020-00103)

Description
Site location and serial number: TLS2038
Contract number: #106703.105-CYBERLUX-ANPC

Para	Manual Subheading	Description	Y/N
2	Antenna Component Siting	Theodolite back-site stake same as Interrogator offset from runway	Y
3.3	Shelter Setup	Shelter components properly installed	Y
4.1	Uplink Tower Assembly	Uplink tower properly installed	Y
4.1	Glide Slope Transmit Antenna Installation	Glide slope antenna properly installed	Y
4.1	Localizer Transmit Antenna Installation	Localizer antenna properly installed	Y
4.3	Cal/BIT Assembly	Cal/BIT structure properly installed per *Cal/BIT Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.3	Cal/BIT Assembly	Cal/BIT transmitter properly installed per *Cal/BIT Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.3	Cal/BIT Assembly	Cal/BIT antenna properly installed per *Cal/BIT Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.2	ASA Assembly	ASA structure properly installed per *ASA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y

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Para	Manual Subheading	Description	Y/N
4.2	ASA Assembly	ASA antennas properly installed per *ASA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.2	ASA Assembly	ASA electronics properly installed per *ASA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.4	ATA Assembly	ATA structure properly installed per *ATA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.4	ATA Assembly	ATA antennas properly installed per *ATA Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	ESA Tower Assembly	ESA tower properly installed per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	Raise ESA Tower	ESA guy wire tension per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	ESA Tower Assembly	ESA antennas properly installed per ESA/Uplink Checklists outlined in 020-00098 System Install/Calibration Checklist	Y
4.5	Tilt Sensor Installation	ESA tilt sensors properly installed per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.5	ESA Sensor Electronics Installation	ESA electronics properly installed per *ESA/Uplink Checklists* outlined in Section 4 Installation Procedures of the TI Manual	Y

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Para	Manual Subheading	Description	Y/N
4.1	Suppressor and Interrogator Antenna Installation	Interrogator antenna structure properly installed per *Interrogator Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.1	Suppressor and Interrogator Antenna Installation	Final Alignment of Interrogation Antennas complete per *Interrogator Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.1	Suppressor and Interrogator Antenna Installation	Interrogator antenna(s) properly installed per *Interrogator Checklist* outlined in Section 4 Installation Procedures of the TI Manual	Y
4.6	RCU Wireless Ethernet Setup	RCU Option properly Installed Option (fiber, RF modem)	Y
4.6	Remote Control Unit	RCU connections and surge suppression properly installed	Y
5	General Information	Safety inspection complete	Y
5	System Configuration Procedures	Successful system configuration Audit Inspection	Y

Notes:

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Table 2-2 Precision Equipment Survey (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.1	TLS Equipment Survey	**ASA equipment precision survey**		
		Reference Azimuth	167° 56’ 17”	deg, min, sec
		Reference Range	849.3	Feet
		Elevation	0, 1’14”	deg, min, sec
		ATA Equipment Precision Survey		
		Azimuth	152° 45’ 44”	deg, min, sec
		Range	706.8	Feet
		Elevation	0, 2’ 35”	deg, min, sec
		Cal/BIT equipment precision survey		
		Azimuth	160° 17’ 6”	deg, min, sec
		Range	531.2	Feet
		Interrogation antenna precision survey		
		Azimuth	150° 30’ 50”	deg, min, sec
		Range	966.7	Feet
		Elevation	N/A	deg, min, sec

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Para	Manual Subheading	Description	Measured	Units
5.1	TLS Equipment Survey	**ESA equipment precision survey**		
		Azimuth	151° 49’ 2”	deg, min, sec
		Range	939.7	feet
		Elevation	0, 3’ 48”	deg, min, sec
5.1	FTM Theodolite Position Survey	Calculated FTM theodolite distance from threshold, *dz*=0	206.6 for 12.5m TCH	meters
5.1	FTM Theodolite Position Survey	Runway Offset (os)	0 (on centerline)	feet
5.1	FTM Theodolite Position Survey	FTM theodolite location marked	207	meters

Notes: Theodolite placed for 12.5 m Threshold Crossing Height (TCH) with 3.0 glide slope; approach.dat waypoint 1 corresponds to this same glide slope setting.

Table 2-3 Precision Equipment Survey: ESA (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
4.5	Measure ESA Antennas	ESA tower base separation from Reference antenna phase center	16.00	Inches
		ESA antenna separations		
		Reference to Low	88.00	Inches
		Reference to Med	193.50	Inches
		Reference to High	279.50	Inches

Notes:

Table 2-4 Mask Angle Text (Document # 020-00103)

Para	Manual Subheading	Mask Angle Test	Azimuth Angles	Elevation Angle	Units
5.1	Mask Angle Measurement	P1/P3 mask angle with theodolite zeroed on approach angle	0° 00'		Deg
5.1	Mask Angle Measurement	P1/P3 mask angles ± 45 ° at 5° or peak increments	315°	1.0	Deg
			320°	1.0	Deg
			325°	1.0	Deg
			330°	2.0 tree	Deg
			335°	1.0	Deg
			340°	0.6	Deg
			345°	0.4	Deg
			350°	0.4	Deg
			355°	0.4	Deg
			360° / 0°	0.4	Deg
			05°	0.4	Deg
			10°	0.3	Deg
			15°	0.3	Deg
			20°	0.3	Deg
			25°	0.4	Deg
			30°	0.4	Deg
			35°	1.0	Deg
			40°	1.5 tree	Deg
			45°	1.0	Deg

Notes: Trees left and right of centerline add 0.25 to 0.4 degrees to mask angle

Table 2-5 Azimuth Space Test (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.1	Mask Angle Measurement	Clear Azimuth Space	+/- 35	-Deg/+Deg

Notes: Lowest coverage elevation at 10 nm +/- 35 degrees (0.4 deg elevation) equals 500 feet

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Table 2-6 System Power Check (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
N/A	--	Valid calibration status of theodolite equipment	Y
5.2	Rack Electronics Power On	UPS Status light ON. No alarms indicated.	Y
5.2	Sensor, Cal/BIT and RCU Power On	Sensor power ON and obstruction lights illuminated	Y
5.2	Sensor, Cal/BIT and RCU Power On	Cal/BIT obstruction lights illuminated	Y
7.5	UPS Battery Check Procedure	UPS battery self-test complete	Y
5.2	Sensor, Cal/BIT and RCU Power On	RCU link to base OK	Y
5.3	System CPU Clock Synchronization	Base CPU clocks synchronized	Y
5.3	Initial System Startup	System software started successfully	Y
N/A	--	TTLS Software version	7.1.1

Notes:

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Table 2-7 Tilt Sensor Setup, Initial TOA, Overlap Tests (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.5	Input Survey Data	Precision survey data entered	Y	**Check Box**
N/A	--	Tilt sensor serial numbers, locations and data match installed units	Y	**Check Box**
5.7	Tilt Sensor Configuration	Perpendicular tilt with cable disconnected	Y	**Check Box**

Para	Manual Subheading	Description	Min	Measured	Max	Units
5.7	Tilt Sensor Configuration	Parallel Tilt Average	- 0.2	0.05	+0.2	Deg
		Perpendicular Tilt Average	- 0.2	-0.07	+0.2	Deg

Para	Manual Subheading	Description		Units
5.6	ASA, ATA, ESA, Interrogator and Uplink Monitor Values	ASA TOA	6573	Nsec
		ATA TOA	6905	Nsec
		ESA TOA	6897	Nsec
		System F1 delay - no overlap	5.00	µSec

Notes:

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Table 2-8 Cal/BIT Amplitude and TOA Nominal Settings (Document # 020-00103)

Para	Manual Subheading	Description	Min	Measured	Max	Units
Cal/BIT Amplitude Setting						
5.6	Cal/BIT Power Settings	Attenuation inserted in Cal/BIT output (if needed)		6dB		dB
		Final ESA Cal/BIT amplitudes				
		Low	1000	1804	1950	mV
		Med	1000	1640	1950	mV
		High	1000	1601	1950	mV
		Reference	1000	1662	1950	mV
		Final ASA Cal/BIT amplitudes				
		Low	1000	1812	1950	mV
		High	1000	1789	1950	mV
		Reference	1000	1788	1950	mV
		Final ATA Cal/BIT amplitudes Medium	1000	1891	1950	mV
TOA Nominal Tuning						
5.6	TOA F1 Tuning	Optimized F1 delay			µSec	

Notes:

Table 2-9 Computer Security Setup (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
5.2	Rack Electronics Power On	MIU password enabled	Y
5.2	Sensor, Cal/BIT and RCU Power On	RCU password enabled (optional)	Y
5.9	Pressure Sensor Verification	Pressure Sensor is operating	Y
5.9	Pressure Sensor Verification	Surveillance is operating	Y

Notes:

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Table 2-10 Calibration and Validation, FTM Link Validation (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
Calibration and Validation			
6.1	FTM Assembly and Setup	FTM link operational validation	Y

Notes:

Table 2-11 Calibration Profiles (Document # 020-00103)

Para	Manual Subheading	Successful Calibration Profiles	Raw File Name	Notes
6.2	Calibration Procedures & Calibration Profiles	Drone cal profile at 0.5nm	D1211_02	Drone W/ Theodolite Rack B
		Drone on glide slope from 0.5 nm	D1211_09_1	Drone W/ Theodolite Rack B
		Drone on glide slope from 0.5 nm	D1211_00_1	Drone W/ Theodolite Rack A
		Drone arc at 0.5 nm	D1211_10_1	Drone W/O SkyRF result = 5 deg

Notes: Drone calibration and approach verification is contained in the following files

- V1218_00 cal profile from test mode, transponder code entered on test mode screen
- V1218_01 cal profile again
- V1218_02 cal profile again
- V1218_02_2 Verification approach, transponder code entered on RCU 2; Drone flew the approach at 2.5 degrees so the waypoints were changed to fly the approach again
- V1218_02_2
- V1218_04_2 Good verification with drone within 0.05 degrees of 3.0 degrees, glide slope was adjusted just 0.1 degrees based on this approach. No adjustment to localizer needed

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Table 2-12 Flight Test Completion (Document # 020-00103)

Para	Manual Subheading	Description	Check Box
6.2	Calibration File Generation & Validation Profile Approach	Verify flights complete	Y
6.2	Calibration Validation Verification (Look Tool)	Valid Cal.dat created from flight data	Y

Notes: Glide slope angle measured as 3.0 using drone and theodolite. Localizer alignement measured as centerline using drone and theodolite

ANPC Initials_____

Table 2-13 Signal Performance Verification (Document # 020-00103)

Para	Manual Subheading	Successful Validation Profiles	Raw File Name	Notes
Signal Performance Verification				
6.3	Flight Inspection Support LOCALIZER ARCS AND ADDITIOANL GLIDE SLOPE CROSSINGS IN THIS SECTION NOT APLICABLE AS WAS FLIGHT INSPECTION BEYOND GLIDE SLOPE ALIGNMENT AND LOCALIZER ALIGNMENT ARE NOT PART OF THE PROJECT	Localizer arc (left to right)	NOT MEASURED	
		Localizer arc (right to left)	NOT MEASURED	
		Localizer standard approach	V1218_07_1	
		Glide slope crossing		
		Glide slope standard approach #1	V1218_08_1	
		Glide slope standard approach #2	V1218_09_1	
		Glide slope below path approach	NOT MEASURED	

Notes: F16's conducted seven standard approaches on Wednesday December 18, 2024. File names are as follows.

- File names are encoded with first letter of site name, month, day of month and then a number that increments for each approach completed, followed by the designator of the RCU where the transponder code was entered
- RCU 1 was used for all approaches

V1218_00_1
V1218_01_1
V1218_02_1
V1218_06_1
V1218_07_1
V1218_08_1
V1218_09_1

Sample recording screen captures are included at the end of the document

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Table 2-14 Final BIT Nominals Rack A (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.8	ASA, ATA, ESA, Interrogator and Uplink Monitor Values	**Final Bit Nominals**		
		ESA Nominals		
		ESA High Phase	154	Cnts
		ESA Medium Phase	116	Cnts
		ESA Low Phase	140	Cnts
		ESA Average Power High	1601	mV
		ESA Average Power Medium	1640	mV
		ESA Average Power Low	1804	mV
		ESA Average Power Reference	1662	mV
		ESA TOA Bias Near	6897	ns
		ESA Perpendicular Tilt	-0.07	deg
		ESA Parallel Tilt	0.05	deg
		ASA Nominals		
		ASA High Phase	60	Cnts
		ASA Low Phase	184	Cnts
		ASA Average Power High	1860	mV
		ASA Average Power Low	1860	mV
		ASA Average Power ATA	1900	mV
		ASA Average Power Reference	1860	mV
		ASA TOA Bias Near ATA	6857	ns
		ASA TOA Bias Near	6537	ns
		GTU1		
		DSA setting	18	dB
		Localizer Carrier Sample Power	1500	mV
		Localizer Reflected Power	300	mV
		DSA setting	17	db
		Glide slope Carrier Sample Power	1500	mV
		Glide slope Reflected Power	300	mV
		Interrogation Transmitter Nominals		
		P1/P3 Nominal Amplitude	1022	mV

Notes:

ANPC Initials KW

Table 2-15: Final BIT Nominals Rack B (Document # 020-00103)

Para	Manual Subheading	Description	Measured	Units
5.8	ASA, ATA, ESA, Interrogator and Uplink Monitor Values	**Final Bit Nominals**		
		ESA Nominals		
		ESA High Phase	154	Cnts
		ESA Medium Phase	116	Cnts
		ESA Low Phase	140	Cnts
		ESA Average Power High	1601	mV
		ESA Average Power Medium	1640	mV
		ESA Average Power Low	1804	mV
		ESA Average Power Reference	1662	mV
		ESA TOA Bias Near	6897	ns
		ESA Perpendicular Tilt	0.05	deg
		ESA Parallel Tilt	-0.07	deg
		ASA Nominals		
		ASA High Phase	60	Cnts
		ASA Low Phase	184	Cnts
		ASA Average Power High	1860	mV
		ASA Average Power Low	1860	mV
		ASA Average Power ATA	1900	mV
		ASA Average Power Reference	1860	mV
		ASA TOA Bias Near ATA	6857	ns
		ASA TOA Bias Near	6537	ns
		GTU1		
		DSA setting	18	dB
		Localizer Carrier Sample Power	1500	mV
		Localizer Reflected Power	300	mV
		DSA setting	17	db
		Glide slope Carrier Sample Power	1500	mV
		Glide slope Reflected Power	300	mV
		Interrogation Transmitter Nominals		
		P1/P3 Nominal Amplitude	1022	mV

Notes:

ANPC Initials 

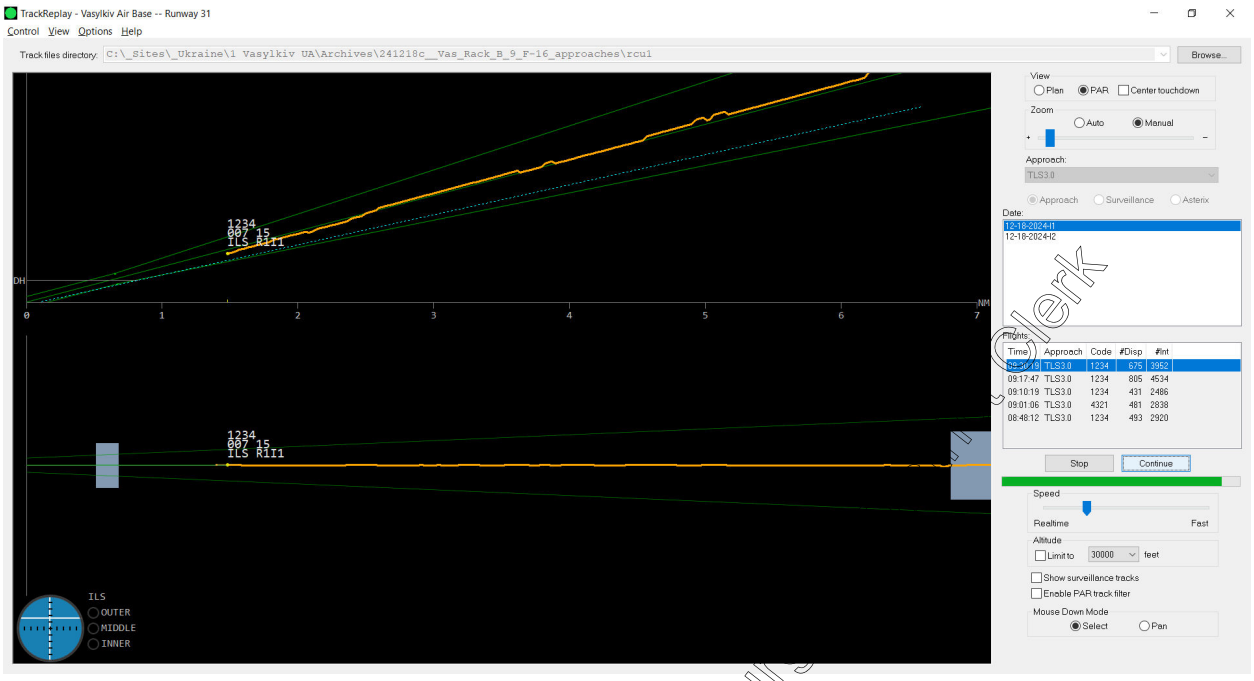
APPENDIX A. ANPC SITE DATA VERIFICATION SIGN-OFF

Test Result Register

NOTES / Remarks:

Released by: Dec 18, 2024

Karl Winner
Subject Matter Expert TT-ILS
ANPC Representative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Auto Manual
Approach:
TLS3.0
Approach Surveillance Asterix
Date:
12-18-2024-I1
12-18-2024-I2
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09:17:47 TLS3.0 1234 805 4534
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08:48:12 TLS3.0 1234 493 2920
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Continue
Speed
Realtime Fast
Altitude
Limit to 30000 feet
Show surveillance tracks
Enable PAR track filter
Mouse Down Mode
Select Pan
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DH
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1
2
3
4
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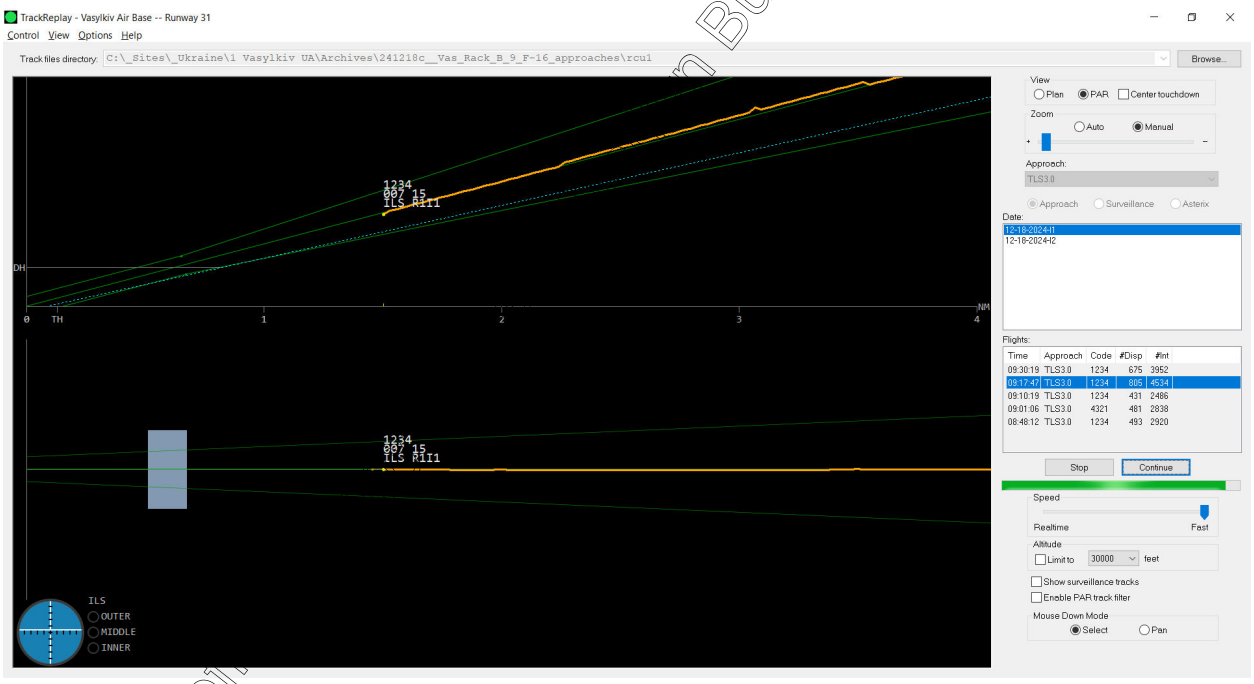
6
7
NM
ILS
OUTER
MIDDLE
INNER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Control View Options Help
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View
Plan PAR Center touchdown
Zoom
Auto Manual
Approach:
TLS3.0
Approach Surveillance Asterix
Date:
12-18-2024-I1
12-18-2024-I2
Flights:
Time Approach Code #Disp #Int
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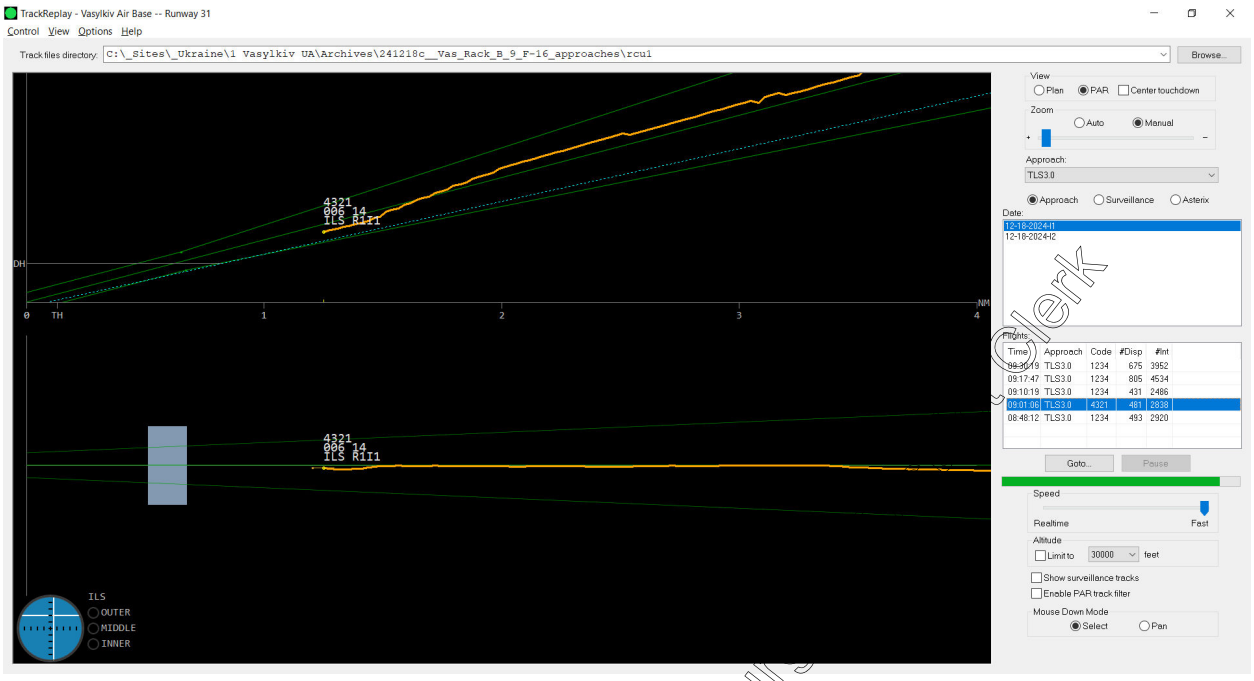
09:17:47 TLS3.0 1234 805 4534
09:10:19 TLS3.0 1234 431 2486
09:01:06 TLS3.0 4321 481 2838
08:48:12 TLS3.0 1234 493 2920
Stop
Continue
Speed
Realtime Fast
Altitude
Limit to 30000 feet
Show surveillance tracks
Enable PAR track filter
Mouse Down Mode
Select Pan
1234
007 15
ILS RII1
DH
TH
0
1
2
3
4
NM
ILS
OUTER
MIDDLE
INNER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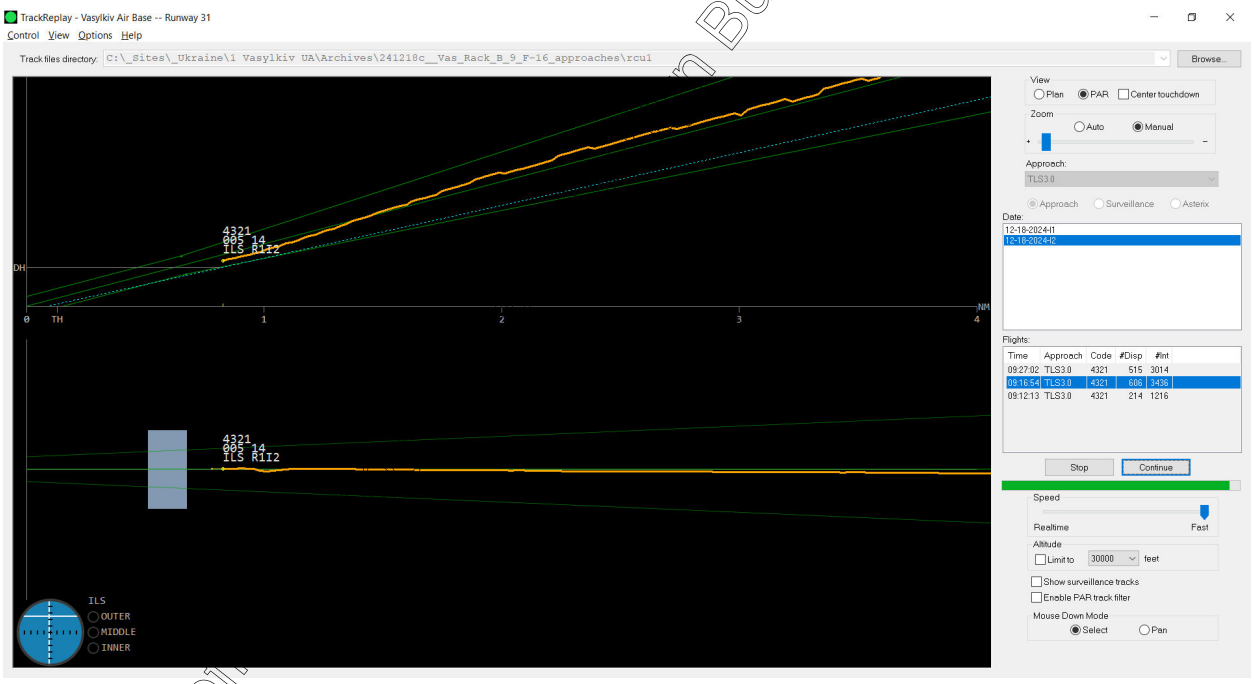
Track files directory: C:_Sites_Ukraine\1 Vasylkiv UA\Archives\241210c__Vas_Rack_B_9_F-16_approaches\rcu1
Browse...
4321
006 14
ILS RII1
DH
0 TH
1
2
3
4 NM
ILS
OUTER
MIDDLE
INNER
View
Plan
PAR
Center touchdown
Zoom
Auto
Manual
Approach:
TLS3.0
Approach
Surveillance
Asterix
Date:
12-18-2024-I1
12-18-2024-I2
Flights:
Time Approach Code #Disp #Int
09:30:19 TLS3.0 1234 675 3952
09:17:47 TLS3.0 1234 805 4534
09:10:19 TLS3.0 1234 431 2486
09:01:06 TLS3.0 4321 481 2838
08:46:12 TLS3.0 1234 493 2920
Goto...
Pause
Speed
Realtime
Fast
Altitude
Limit to
30000
feet
Show surveillance tracks
Enable PAR track filter
Mouse Down Mode
Select
Pan


TrackReplay - Vasylkiv Air Base -- Runway 31
Control View Options Help
Track files directory: C:_Sites_Ukraine\1 Vasylkiv UA\Archives\241210c__Vas_Rack_B_9_F-16_approaches\rcu1
Browse...
4321
006 14
ILS RII2
DH
0 TH
1
2
3
4 NM
ILS
OUTER
MIDDLE
INNER
View
Plan
PAR
Center touchdown
Zoom
Auto
Manual
Approach:
TLS3.0
Approach
Surveillance
Asterix
Date:
12-18-2024-I1
12-18-2024-I2
Flights:
Time Approach Code #Disp #Int
09:27:02 TLS3.0 4321 515 3014
09:16:54 TLS3.0 4321 606 3436
09:12:13 TLS3.0 4321 214 1216
Stop
Continue
Speed
Realtime
Fast
Altitude
Limit to
30000
feet
Show surveillance tracks
Enable PAR track filter
Mouse Down Mode
Select
Pan

ANNEX I – FORM OF GOODS DELIVERY CONFIRMATION CERTIFICATE
(this "**Certificate**")

TO: ROCK NETWORKS INC.

RE: Confirmation Goods delivered to the Goods Delivery Location pursuant to and in accordance with the Purchase Agreement Number 106703.105 between the Canadian Commercial Corporation and ROCK Networks Inc. (the "**Agreement**")

Instructions and terms:

1. As of the date of the Supplier's signature below, Supplier hereby confirms and certifies that Goods listed below were delivered to the Goods Delivery Location in accordance with the requirements of the Agreement.
2. This document must be completed by the Supplier and accompany the shipment of the Goods.
3. This document forms part of the documentation for payment and payment of the applicable invoice milestone as set out at Annex K shall not be made without submission of a fully completed Annex I. Any comments and reservations made on this document may result in non-payment until the comments/reservations are successfully addressed in the view of BUYER.
4. Capitalized terms not defined herein have the meaning respectively given to such in the Agreement.
5. This Certificate may be signed electronically in multiple counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same document. The exchange of a fully signed Certificate (in counterparts or otherwise) by electronic mail shall be sufficient to bind Supplier.

Item #	Qty	Model # / Part # / Supplier Ref #	Description of Goods
1	1	950-00485-104 SN: TTLS-2030	Transportable Transponder Landing System (TTLS) with two Guidance Transmitter Units (GTU)
2	1	950-00485-104 SN: TTLS-2038	Transportable Transponder Landing System (TTLS) with two Guidance Transmitter Units (GTU)
3	2	920-01021	TTLS Conex Container Trailer

Item #	Qty	Model # / Part # / Supplier Ref #	Description of Goods
System Spare Parts			
4	1	280-00642-103	ESA Ob Light
5	1	280-00661-100	Power Fiber Cable ESA
6	1	280-00661-101	Power Fiber Cable ASA
7	1	280-00661-102	Power Fiber Cable Cal/BIT
8	1	920-00852-108	Power Fiber Cable ATA

9	1	920-00400-108	Sensor 4 Channel 100 NM Range
10	1	920-00408	Rack Switch
11	1	920-00563	Cal/Bit
12	1	920-00574-104	LNA

Item #	Qty	Model # / Part # / Supplier Ref #	Description of Goods
Depot Spare Parts			
13	2	920-00400-108	ASA/ESA Sensor
14	2	920-00586-103	Interrogator
15	2	920-00563	CAL BIT
16	2	920-00275-100	Base 1 Computer QNX
17	2	920-00863	Base 2 Computer Win 10
18	2	920-00856	MIU Computer Win 10
19	2	920-00408	Rack Switch
20	2	920-00402-100	Guidance Transmitter
21	2	920-00574-104	Low Noise Amplifier (LNA)
22	2	800-00001	Tilt Sensor
23	1	920-00636-101	Theodolite for survey and calibration
24	2	920-00421	Flight Test Monitor Kit
25	2	280-00661-100	Fiber Power Cable Assembly 50m
26	2	280-00661-101	Fiber Power Cable Assembly 100m
27	2	280-00661-102	Fiber Power Cable Assembly 150m
28	2	920-00852-108	Power Cable ATA 107 m
29	1	920-01037-100	Localizer Antenna
30	1	920-00754	Glide Slope Antenna
31	1	C790-00047	Antenna standard gain omni 610
32	1	C790-00018	Antenna standard gain directional 610
33	1	C790-00066	Antenna high gain omni 5100
34	1	C790-00010	Antenna high gain directional 5100
35	1	920-00705-107	Rack Cable Kit Four GTU

Agreement Number: #106703.105-CYBERLUX-ANPC

Submitted by: Advanced Navigation & Positioning Corporation

Authorised Representative:

Name:……Jeff Adams……

Signature:……

Date:……12/13/2024……...

1 Nadawca (nazwisko lub nazwa, adres, kraj)
Sender (name, address, country)
Advanced Navigation & Positioning Corp.
489 N 8th street suite 203
Hood River, CR, 97031 USA

(CMR) № Sp.24374TC

Niniejszy przewóz podlega postanowieniom konwencji o umowie międzynarodowej przewozu drogowego towarów (CMR) bez względu na jakąkolwiek przeciwną klauzulę.

This carriage is subject, notwithstanding any clause to the contrary, to the Convention on the Contract for the International Carriage of goods by road (CMR)

2 Odbiorca (nazwisko lub nazwa, adres, kraj)
Consignee (name, address, country)
Arned Forces Ukraine C/O Canadian Armed Forces
Jasionka 942, 36-002
Poland

16 Przewoźnik (nazwisko lub nazwa, adres, kraj)
Carrier (name, address, country)
MPM Grupa Sp. Z O. O. Grzybowska 87 00-844 Warszawa
STRZELCZAK Piotr, ID DFU231989 , tel. 691867326
WSE3TW5 / PNTLS78

3 Miejsce przeznaczenia (miejscowość, kraj)
Place of delivery of the goods (place, country)
Rzeszów Jasionka, Polska

17 Kolejni przewoźnicy (nazwisko lub nazwa, adres, kraj)
Successive carriers (name, address, country)

4 Miejsce i data załadowania (miejscowość, kraj, data)
Place and date of taking over the goods (place, country, date)
Baltic Hub Gdansk, 04.12.2024

18 Zastrzeżenia i uwagi przewoźnika
Carrier's reservations and observations

5 Załączam dokumenty
Documents attached
Invoice, Permit to deploy
NATO FORM 302 / IA D 82583

Rubryki obwiedzione tłustymi liniami wypełnia przewoźnik.
The spaces framed with heavy lines must be filled in by the carrier.

19+21+22

6 Cechy i numery / Marks and Nos	7 Ilość sztuk / Number of packages	8 Sposób opakowania / Method of packing	9 Rodzaj towaru / Nature of the goods	10 Nr statystyczny / Statistical number	11 Waga brutto w kg / Gross weight in kg	12 Objętość w m³ / Volume in m³
1 x 20' CPMU2017410					7484,00 kg	

Przenośny transponder systemu lądowania CONEX (TTLS 2030)
URZĄDZENIE POMOCY RADIONAWIGACYJNEJ DO STOSOWANIA W SAMOLOTACH CYWILNYCH

1 x CONEX TRANSPORTABLE TRANSPONDER LANDING SYSTEM (TTLS 2030)
RADIO NAVIGATIONAL AID APPARATUS FOR USE IN CIVIL AIRCRAFT

UN3163 GAZ SKROPLONY, I.N.O. 3 (C/E)
UN3163, LIQUIFIED GAS, N.O.S. (PENTAFLUOROETHANE, DIFLUOROMETHANE)
CLASS 2.2
PACKING TYPE: 1 CYLINDERS
GROSS WEIGHT: 27.665 KG
NET WEIGHT: 1.81 KG

Plomba:

1-15 włącznie oraz including and

Klasa / Class 2.2 — Nr UN / Number 3163 — (ADR*) — 7484,00 kg

*W przypadku przewozu towarów niebezpiecznych, oprócz ewentualnego posiadania zaświadczenia, należy podać w ostatnim wierszu: klasę, liczbę oraz w danym przypadku literę.
*In case of dangerous goods mention, besides the possible certification, on the last line of the column the particulars of the class, the UN number and the packing group, if needed.

Do wypełnienia pod odpowiedzialnością nadawcy
To be completed on sender's responsibility

13 Instrukcje nadawcy
Sender's instructions
MOVING UNDER SPECIAL PROVISION 188.5
MOVING UNDER SPECIAL PROVISION 238.1

19 Postanowienia specjalne
Special agreements

Postanowienia odnośnie przewoźnego
Instruction as to payement carriage
Przewoźne zapłacone/Carriage paid
Przewoźne nieopłacone/Carriage forward

20 Do zapłacenia / To be paid by	Nadawca / Sender	Waluta / Currency		Odbiorca / Consignee
Przewoźne / Carriage				
Bonifikaty / Deductions				
Saldo / Balance				
Dopłaty / Supplem. charges				
Koszty dodatkowe / Miscellaneous +				
Razem / Total to be paid				

21 Wystawiono w / Established in: Gdańsk — dnia / on: 04.12.2024

15 Zapłata/Cash on delivery

22 POL-MARE Sp. z o.o. Sp.k.
ul. Kadłubowców 2, 81-336 Gdynia
tel. 58 6247990, fax 58 6247999
NIP 5862281181, REGON 221831451
Podpis i stempel nadawcy
Signature and stamp of the sender

23 Podpis i stempel przewoźnika
Signature and stamp of the carrier

24 Przesyłkę otrzymano
Goods received
Miejscowość / Place: POLLOGHUB
dnia: '1KRL NO
04 12 2024
Podpis i stempel odbiorcy
Signature and stamp of the consignee

DECLARATION POUR LA DOUANE RELATIVE A MARCHANDISES APPARTENANT / DESTINEES AUX MILITAIRES CANADIENS
EIN / AUSFUHR-ANMELDUNG DIE ZOLLBEHÖRDE (FÜR WAREN, DIE DEN MILITÄR KANADISCHEN STREITKRÄFTEN GEHÖREN ODER FÜR SIE BESTIMMT SIND)
DOUANEVERKLARANG BETREFFENDE GOEDEN TOEBEHOERENDE AAN / BESTEMD VOOR DE CANADESE MILITAIRE STRIJDKRACHTEN
IMPORT / EXPORT CUSTOMS DECLARATION (FOR GOODS WHICH ARE THE PROPERTY OF, OR DESTINED TO BE the PROPERTY OF the CANADIAN MILITARY FORCES)

(Für den Zoll in Deutschland - For customs in Germany)

Copie N° / Exemplar Nr. / Exemplaar Nr. / Copy No.: 3 — Original / Ausfertigung (Original) / Originele / Original

Numéro / Nummer / Nummer / Serial No.: IA D 81033

Mode de transport / Beförderungsmittel / wijze van vervoer / Mode of transport: AIR

N° de l'enregistrement des véhicules, péniches, bateaux, wagons de chemin de fer, etc... / Registrierungs-Nr. Kraftfahrzeuge, Eisenbahnwagen, usw. oder Name und Registrierart des Schiffes / Registratienummer van de voertuigen, de schepen, de spoorwegen enz... / Registration number of vehicles, barges, railway cars, etc.

Nom et adresse du transporteur / Name und Anschrift des Transportunternehmers / Naam en adres van de vervoerder / Name and address of transporter: D.T GRUELLE COMPANY -for- CANADIAN FORCES OPERATION SUPPORT HUB ILEA
FLUGHAFENSTRASSE 1, 51147 COLOGNE, GERMANY

Numéro de référence / Bezug-Nr. / Referentienummer / Reference N°: 172 8088 4112

Ce document sera sans valeur après le / Dieses Papier wird ungültig mit Ablauf des / Deze documenten zal ongeldig zijn na / This document will be invalid after: 07 JANUARY 2025 (date/Datum/Date)

Nom et adresse de l'expéditeur / Name und Anschrift des Absenders / Naam en adres van de afzender / Name and address of consignor: Canadian Commercial Corporation, 350 Albert Street, 7th Floor
OTTAWA, ON K1A 0S6, CANADA

Nom et adresse du destinataire / Name und Anschrift des Empfängers / naam en adres van de geadresseerde / name and address of consignee: Armed Forces of Ukraine
6 Povitroflotshyi Avenue KYIV, UKRAINE

Destination/Bestimmungsland und -ort / Bestemming/Destination: FINAL DESTINATION: KYIV, UKRAINE C/O CANADIAN ARMED FORCES

Plombé/non-plombé (*): Si l'envoi a été plombé, indiquer dans la colonne (e) ci-dessous l'espèce, numéro et nombre des plombs et l'autorité qui les a apposés / Plombiert/nicht plombiert (*): Wenn plombiert, Zahl, Art und Nr. der Plomben sowie Dienststelle, die sie angelegt hat, unten in Spalte (e) angeben / Verzegeld/niet verzegeld (*): Indien verzegeld, in kolom (e) hieronder soort en nummers en aantal van de loodjes vermelden, alsmede de instantie die zulks heeft aangebracht heeft. / Sealed/not sealed (*): When sealed: seal numbers, quantity and sealing authority will be shown in columns (e) below.

(a) Nombre (en chiffres et en lettres) et description des colis; Anzahl (in Ziffern und Worten) und Art des packstücke; Aantaal (in cijfers en in woorden) en aard der cuil; Number (in figures and words) and discription of packages	(b) Marques et numéros / Zeichen und Nummer der Packstücke / Merken en nummers / Marks and numbers	(c) Désignations des marchandises / Bezeichnung der Waren / Omschrijving van de goederen / Description of goods	(d) Poids en chiffres et en lettres; Gewicht in Ziffern uund Worten; Gewicht in cijfers en in woorden; Weight in figures and words. Brut/Net (*) Roh/Reingewicht (*) Brutto/Netto (*) (kg)	(e) Observations / Bemerkungen / Opmerkingen / Remarks Nos des plombs / Nr. der Plomben / Loodjes / Seal numbers
1 (ONE)	TF 24 01424 FEDE	NEX. TRANSPORTABLE LANDING SYSTEM	7484.0 KGS	
	AS PER ATTACHED	AS PER ATATCHED	NOTHING TO FOLLOW	

Je soussigné(e) / Ich, / Ik, / I: P. HOEFFKES MR

(Nom et prénoms) certifie que l'envoi décrit ci-dessous est transporté avec l'autorisation des Forces militaires canadiennes et (Vor- und Zuname) bestätige hiermit, dass die oben beschriebene Sendung im Auftrage der Streitkräfte der kanadischen Militär (Naam en Voornamen) bevestig dat bovengenoemde zending vervoerd wordt met de toelating van de canadese militaire (name in full) certify that the shipment described herein is transported under the authority of the canadian military Forces

qu'il contient uniquement des marchandises pour leur usage, befördert wird und nur Waren für den Gebrauch enthält, Goederen, en alleen goederen bevat die voor deze Strijdkrachten bestemd zijn.

Signature de l'officier qui a établi la déclaration / Unterschrift des ausstellenden Offiziers / Handtekening van de officier die de vaktuig heeft opgesteld / Signature of issuing officer: CANADIAN FORCES SUPPORT HUB

Adresse/Anschrift / Adres/Adress: FLUGHAFENSTRASSE 1, 51147 COLOGNE, GERMANY

Qualité et Unité / Dienstgrad und Einheit / Rang en Eenheid / Rank and Unit: ILEA SUPERVISOR

Date/Datum / Datum/Date: 07 DECEMBER 2024

CERTIFICAT DE RÉCEPTION / EMPFANGSBESTÄTIGUNG / ONTVANGSBEWIJS / CERTIFICATE OF RECEIPT

Je soussigné(e) / Ich, / Ik, / I: [illegible]

(Nom et prénoms) certifie que les marchandises indiquées ci-dessus ont été reçus ou elles étaient conformes. (Vor- und Zuname) bestätige hiermit, dass ich die oben beschriebene Waren vollständig erhalten habe. (Naam en Voornamen bevestig dat bovengenoemde goederen ontvangen worden en dat ze stemmende werden bevonden. (name in full) certify that the goods listed above have been received as described.

Signature/Unterschrift / Handtekening/Signature: [illegible]

Adresse/Anschrift / Adres/Address: MIESSOWOS)

Qualité et Unité / Dienstgrad und Einheit / Rang en Eenheid / Rank and Unit: JEDNOSTKA [illegible]

Date/Datum / Datum/Date: DATA 13 Dec 2024

Le présent est un document comptable, servant d'autorisation officielle d'importation et exportation, et de déclaration en douane.
Dies ist ein rechenschaftspflichtiges Dokument und dient als amtliche Ein- und Ausfuhrgenehmigung und als Zollinhaltserklärung.
Dit is een rekenplichtig document, welke voor beide officieën toelating van invoer en uitvoer, en douane verklaring dient.
This is an accountable document which constitutes both an official certificate of import/export authorization and a customs declaration.

(*) Biffer la mention inutile / Nichtzutreffendes streichen / Het overbodige doorhalen / Delete as applicable

Voir au verso les instructions pour l'utilisation de ce document / Gebrauchsanweisung für dieses Papier siehe Rückseite / Zie op keerzijde de instructies voor het gebruik van dit document / Instructions for the use of this document are on reverse of this page

(Pour la douane belge-luxembourgeoise - Voor de Belgisch-Luxemburgse douane - For belgian-luxemburg customs)

(Pour la douane française - For french customs)

AD FORM 302

INTERNATIONAL CONSIGNEMENT NOTE

(CMR) № Sp.24319TC-2

Niniejszy przewóz podlega postanowieniom konwencji o umowie międzynarodowej przewozu drogowego towarów (CMR) bez względu na jakąkolwiek przeciwną klauzulę

This carriage is subject, notwithstanding any clause to the contrary, to the Convention on the Contract for the international Carriage of goods by road (CMR)

1 Nadawca (nazwisko lub nazwa, adres, kraj) / Sender (name, address, country)

Advanced Navigation & Positioning Corp.
489 N 8th street suite 203
Hood River, CR, 97031 USA

2 Odbiorca (nazwisko lub nazwa, adres, kraj) / Consignee (name, address, country)

Arned Forces Ukraine C/O Canadian Armed Forces
Jasionka 942, 36-002
Poland

3 Miejsce przeznaczenia (miejscowość, kraj) / Place of delivery of the goods (place, country)

Rzeszów Jasionka, Polska

4 Miejsce i data załadowania (miejscowość, kraj, data) / Place and date of taking over the goods (place, country, date)

Baltic Hub, 26.11.2024

5 Załączam dokumenty / Documents attached

Invoice, Packing List,
T1

16 Przewoźnik (nazwisko lub nazwa, adres, kraj) / Carrier (name, address, country)

POL-MARE TRANSPORT
KRZYSZTOF NAKONIECZNY
G0 PMT10 + GDA 0036P

17 Kolejni przewoźnicy (nazwisko lub nazwa, adres, kraj) / Successive carriers (name, address, country)

18 Zastrzeżenia i uwagi przewoźnika / Carrier's reservations and observations

6 Cechy i numery / Marks and Nos	7 Ilość sztuk / Number of packages	8 Sposób opakowania / Method of packing	9 Rodzaj towaru / Nature of the goods	10 Nr statystyczny / Statistical number	11 Waga brutto w kg / Gross weight in kg	12 Objętość w m³ / Volume in m³
1 x Naczepa Nesoi					6 803,00 kg	
					6 803,00 kg	

Klasa / Class | Nr UN / Number | (ADR*)

Rubryki obwiedzione tłustymi liniami wypełnia przewoźnik / The spaces framed with heavy lines must be filled in by the carrier

19+21+22

1-15 włącznie oraz / including and

Do wypełnienia pod odpowiedzialnością nadawcy / To be completed on sender's responsibility

*W przypadku przewozu towarów niebezpiecznych, oprócz ewentualnego posiadania zaświadczenia, należy podać w ostatniej wierszu: klasę, liczbę oraz w danym przypadku literę. *In case of dangerous goods mention, besides the possible certification, on the last line of the column the particulars of the class, the UN number and the packing group, if needed.

13 Instrukcje nadawcy / Sender's instructions

19 Postanowienia specjalne / Special agreements

20 Do zapłacenia / To be paid by	Nadawca / Sender	Waluta / Currency		Odbiorca / Consignee
Przewoźne / Carriage				
Bonifikaty / Deductions				
Saldo / Balance				
Dopłaty / Supplem. charges				
Koszty dodatkowe / Miscellaneous +				
Razem / Total to be paid				

Postanowienia odnośnie przewoźnego / Instruction as to payement carriage
Przewoźne zapłacone/Carriage paid
Przewoźne niezapłacone/Carriage forward

15 Zapłata/Cash on delivery

21 Wystawiono w / Established in Gdańsk dnia / on 26.11.2024

22 POL-MARE Sp. z o.o. Sp.k. ul. Kadłubowców 2, 81-336 Gdynia tel. 58 6247990 fax 58 6247991 NIP 5862281181 REGON 221831454
Podpis i stempel nadawcy / Signature and stamp of the sender

23 POL-MARE TRANSPORT Sp. z o. Kadłubowców 2, 81-336 Gdynia Krzysztof Nakonieczny Kierowca
Podpis i stempel przewoźnika / Signature and stamp of the carrier

24 Przesyłkę otrzymano / Goods received
PL LLOGHUB
Miejscowość / Place UKRL NO dnia / on 27 11 2024
Podpis i stempel odbiorcy / Signature and stamp of the consignee

Wzór CMR/IRU/Polska z 1976 dla międzynarodowych przewozów drogowych odpowiada ustaleniom, które zostały dokonane przez Międzynarodową Unię Transportu Drogowego/IRU/

Copy for sender

MIĘDZYNARODOWY SAMOCHODOWY LIST PRZEWOZOWY
INTERNATIONAL CONSIGNEMENT NOTE

CMR **№ Sp.24319TC-3**

Niniejszy przewóz podlega postanowieniom konwencji o umowie międzynarodowej przewozu drogowego towarów (CMR) bez względu na jakąkolwiek przeciwną klauzulę.
This carriage is subject, notwithstanding any clause to the contrary, to the Convention on the Contract for the International Carriage of goods by road (CMR)

1 Nadawca (nazwisko lub nazwa, adres, kraj)
Sender (name, address, country)

Advanced Navigation & Positioning Corp.
489 N 8th street suite 203
Hood River, CR, 97031 USA

16 Przewoźnik (nazwisko lub nazwa, adres, kraj)
Carrier (name, address, country)

POL-MARE TRANSPORT
MARCIN CHRZANOWSKI
G0 PMT12 + GDA 0032P

2 Odbiorca (nazwisko lub nazwa, adres, kraj)
Consignee (name, address, country)

Arned Forces Ukraine C/O Canadian Armed Forces
Jasionka 942, 36-002
Poland

17 Kolejni przewoźnicy (nazwisko lub nazwa, adres, kraj)
Succesive carriers (name, address, country)

3 Miejsce przeznaczenia (miejscowość, kraj)
Place of delivery of the goods (place, country)

Rzeszów Jasionka, Polska

4 Miejsce i data załadowania (miejscowość, kraj, data)
Place and date of taking over the goods (place, country, date)

Baltic Hub, 26.11.2024

18 Zastrzeżenia i uwagi przewoźnika
Carrier's reservations and observations

5 Załączam dokumenty
Documents attached

Invoice, Packing List,
T1

6 Cechy i numery Marks and Nos	7 Ilość sztuk Number of packages	8 Sposób opakowania Method of packing	9 Rodzaj towaru Nature of the goods	10 Nr statystyczny Statistical number	11 Waga brutto w kg Gross weight in kg	12 Objętość w m^3 Volume in m^3
1 x Naczepa Nesol					6 803,00 kg	
					6 803,00 kg	

Klasa / Class — Nr UN / Number — (ADR*)

13 Instrukcje nadawcy
Sender's instructions

19 Postanowienia specjalne
Special agreements

20 Do zapłacenia To be paid by	Nadawca Sender	Waluta Currency		Odbiorca Consignee
Przewoźne Carriage				
Bonifikaty Deductions				
Saldo Balance				
Dopłaty Supplem. charges				
Koszty dodatkowe Miscellaneous +				
Razem Total to be paid				

Postanowienia odnośnie przewoźnego
Instruction as to payement carriage

Przewoźne zapłacone/Carriage paid

Przewoźne nieopłacone/Carriage forward

21 Wystawiono w / Established in: Gdańsk
dnia / on: 26.11.2024

15 Zapłata/Cash on delivery

22 **POL-MARE Sp. z o.o. Sp.k.**
ul. Kadłubowców 2, 81-336 Gdynia
tel. 58 624799 0, fax 58 624799
NIP 5862281[illegible] REGON 2[illegible]

Podpis i stempel nadawcy
Signature and stamp of the sender

23 **POL-MARE TRANSPORT Sp. z o.o.**
ul. Kadłubowców 2, 81-336 Gdynia
Marcin Chrzanowski
Kierowca

Podpis i stempel przewoźnika
Signature and stamp of the carrier

24 Przesyłkę otrzymano
Goods received
Miejscowość / Place: BALTIC HUB
Data / on: 26 · 11 · 2024

Podpis i stempel odbiorcy
Signature and stamp of the consignee

Do wypełnienia pod odpowiedzialnością nadawcy
To be completed on sender's responsibility

1-15 włącznie oraz
including and

19+21+22

Rubryki obwiedzione tłustymi liniami wypełnia przewoźnik
The spaces framed with heavy lines must filled in by the carrier

*W przypadku przewozu towarów niebezpiecznych, oprócz ewentualnego pozwolenia zaświadczenia, należy podać w ostatnim wierszu klasę, liczbę oraz w danym przypadku literę grupy pakowania.
*In case of dangerous goods mention, besides the possible certification, on the last line of the column the particulars of the class, the UN number and the packing group, if needed

1 Nadawca (nazwisko lub nazwa, adres, kraj) / Sender (name, address, country)

Advanced Navigation & Positioning Corp.
489 N 8th street suite 203
Hood River, CR, 97031 USA

MIĘDZYNARODOWY SAMOCHODOWY LIST PRZEWOZOWY
INTERNATIONAL CONSIGNEMENT NOTE

CMR **№ Sp.24319TC-1**

Niniejszy przewóz podlega postanowieniom konwencji o umowie międzynarodowej przewozu drogowego towarów (CMR) bez względu na jakąkolwiek przeciwną klauzulę.

This carriage is subject, notwithstanding any clause to the contrary, to the Convention on the Contract for the International Carriage of goods by road (CMR).

2 Odbiorca (nazwisko lub nazwa, adres, kraj) / Consignee (name, address, country)

Arned Forces Ukraine C/O Canadian Armed Forces
Jasionka 942, 36-002
Poland

16 Przewoźnik (nazwisko lub nazwa, adres, kraj) / Carrier (name, address, country)

POL-MARE TRANSPORT
MRIUSZ DROZDOWSKI
G0PMT02 / GA93006

POL-MARE TRANSPORT Sp. z o.o.
ul. Kadlubowców 2, 81-336 Gdynia
Mariusz Drozdowski
Kierowca

3 Miejsce przeznaczenia (miejscowość, kraj) / Place of delivery of the goods (place, country)

Rzeszów Jasionka, Polska

17 Kolejni przewoźnicy (nazwisko lub nazwa, adres, kraj) / Successive carriers (name, address, country)

4 Miejsce i data załadowania (miejscowość, kraj, data) / Place and date of taking over the goods (place, country, date)

Baltic Hub, 26.11.2024

18 Zastrzeżenia i uwagi przewoźnika / Carrier's reservations and observations

5 Załączone dokumenty / Documents attached

Invoice, Packing List,
T1

6 Cechy i numery / Marks and Nos	7 Ilość sztuk / Number of packages	8 Sposób opakowania / Method of packing	9 Rodzaj towaru / Nature of the goods	10 Nr statystyczny / Statistical number	11 Waga brutto w kg / Gross weight in kg	12 Objętość w m³ / Volume in m³
1 x 20' MRKU9043706 Przenośny transporter systemów lądowania CONEX + części zamienne Ilość: 7 Skrzyń					1 139,00 kg	
Plomba: 040861						
Klasa / Class	Nr UN / Number		(ADR*)		1 139,00 kg	

13 Instrukcje nadawcy / Sender's instructions

19 Postanowienia specjalne / Special agreements

Postanowienia odnośnie przewoźnego / instruction as to payement carriage
Przewoźne zapłacone/Carriage paid
Przewoźne nieopłacone/Carriage forward

20 Do zapłacenia / To be paid by	Nadawca / Sender	Waluta / Currency		Odbiorca / Consignee
Przewoźne / Carriage				
Bonifikaty / Deductions				
Saldo / Balance				
Dopłaty / Supplem. charges				
Koszty dodatkowe / Miscellaneous +				
Razem / Total to be paid				

21 Wystawiono w / Established in: Gdańsk dnia / on: 26.11.2024

15 Zapłata/Cash on delivery

22
POL-MARE Sp. z o.o. Sp.k.
ul. Kadlubowców 2, 81-336 Gdynia
tel. 58 6247990, fax 58 6247991

23
POL-MARE TRANSPORT Sp. z o.o.
ul. Kadlubowców 2, 81-336 Gdynia
Mariusz Drozdowski
Kierowca

24 Przesyłkę otrzymano / Goods received
Miejscowość / Place: LOGHUB RL
dnia / on: 27 NO 11 2024
Podpis i stempel odbiorcy

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