



7579 (OPT-1)  
V. 23-07-2024

**Autoridad del Canal de Panamá**  
Admeasurement Unit  
Non-Portable Unit and ACP-Pilot Portable Unit Antenna  
Location (NPU / ACP-PPU Certificate)



GENERAL INFORMATION OF THE VESSEL	NON PORTABLE UNIT (NPU)
SIN (PANAMA CANAL NUMBER)	Length Offset (m / ft) (LOS)
VESSEL 'S NAME	*Beam Offset (m / ft) (BOS)
MMSI NUMBER	Heading Offset    0°    90°    180°    270° (HDG)
IMO NUMBER	SSID
LENGTH OVERALL To be filled out by ACP (m / ft)	PASSWORD
EXTREME BEAM To be filled out by ACP (m / ft)	CERTIFICATE SHALL BE SIGNED ON THE SECOND PAGE FOR THE COMMISSIONING OF THE EQUIPMENT.

**Information for ACP-PPU-RTK (red / green section) shall be used if NPU is inoperative**

**RTK ANTENNA POSITION**  
To be filled out by ACP

**PORT SIDE**

Length Offset  
(m / ft)

Beam Offset  
(m / ft)

Heading Offset    0°    90°    180°    270°

**RTK ANTENNA POSITION**  
To be filled out by ACP

**STARBOARD SIDE**

Length Offset  
(m / ft)

Beam Offset  
(m / ft)

Heading Offset    0°    90°    180°    270°

ANTENNA LOCATION

CENTER LINE

ACP Official PPU certification :

Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

*Certificate shall be presented on every arrival to the Panama Canal Pilot and Inspector on the navigational bridge*

## DEFINITIONS AND CERTIFICATION

Length Offset (**LOS**): Distance parallel to the vessel's centerline from the bow to the position antenna.

Beam Offset (**BOS**): Distance perpendicular to the vessel's centerline from midship to the position antenna. / (-) PORT / (+) STARBOARD. Heading Offset

(**HDG**): Relative position of the heading antenna as per convention follows:

HDG antenna FWD	of POS antenna	0° offset
HDG antenna STB	of POS antenna	90° offset
HDG antenna AFT	of POS antenna	180° offset
HDG antenna PORT	of POS antenna	270° offset

\* Beam offset shall be (-) negative for port side and (+) positive for starboard side

All dimensions in meters and feet should contain 2 decimals / ACP conversion factor 1m : 3.28084ft

I certify that the information of the NPU certificate is, to the best of my knowledge, correct and will report any changes, including the repositioning of the antennas or changes of MMSI number.

Any deviation from this original certificate shall be reported to the local agents in Panama and to [arqueadores@pancanal.com](mailto:arqueadores@pancanal.com) as part of the vessel's unit commissioning.

SIGNATURE \_\_\_\_\_

NAME \_\_\_\_\_

RANK \_\_\_\_\_

