



[www.tellusmeridian.id](http://www.tellusmeridian.id)

# COMPANY PROFILE 2023

PT Tellus Meridian Survey

Office:  
Komplek DPRD/Baitussalam no.58B,  
Ciwastra. Bandung – Indonesia

Topographic survey  
GNSS survey  
Onshore/nearshore geophysical survey  
Shallow water (nearshore) geophysical survey  
3D laser scanning and modelling



More Than  
Just a Best,  
We Build  
Great Partnership

## About Us

*PT Tellus Meridian Survey*

**PT Tellus Meridian Survey** (hereinafter referred to as **TMS**) is one of independent surveying company offering wide range of Onshore and Nearshore area including Topographic, GNSS observation, Onshore/Nearshore Geophysical Survey. We dedicated to performing our services using the highest standards in practice of surveying with emphasis on quality, costs, and time.

We are promising consistently in delivering the highest quality products and services to give our clients more detail information they need in order to improve their decision.

The company was founded in Bandung in 2014 by experienced and successful of professional team in land and offshore industry.

# Vision & Mission

*PT Tellus Meridian Survey*



## Our Vision

We aim to be recognized as one of national leading in mapping, surveying, and geospatial industry to deliver proper outputs to our client with high quality services, timely performance, efficient and safe operation.



## Our Mission

- Strive to be preferred partner of our clients by safely and consistently in delivering high quality services together with our teams.
- Create a positive working environment in which our teams are encouraged to always think and act creatively along with ethically continuously.

# Core Values

PT Tellus Meridian Survey

*In managing the company, we adhere to commitment and principles which are implemented into the values as follows:*



## Quality

TMS prides itself on producing high quality work and time efficiently.



## Competence

Our dedicated team of highly qualified surveyors are able to provide professional and reliable services to our wide range clients.



## Responsibility

TMS accept full responsibility and accountability for our business choices and actions.



## Honest & Trust

Honesty and trust are our most valued guiding principles



## Delivery Focused

We focus on delivering solutions that meet or even exceed expectations, maintaining accuracy, reliability and quality in every project we undertake.



## People Development

We understand that our people are our main asset. We invest in the development of our team's professionalism, skills and well-being.

# Expertises

PT Tellus Meridian Survey

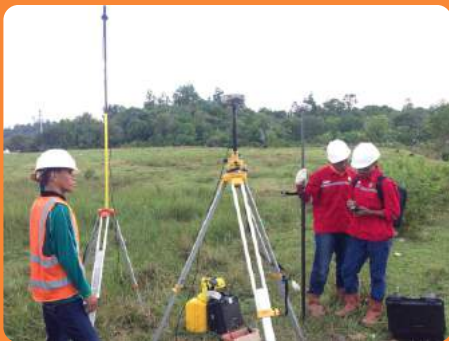
## 1. TOPOGRAPHIC SURVEY

This type of survey is used to determine location of physical objects on the land including buildings, the slope or contours of the land, pathways, easements, water boundaries, vegetation, fences and formed tracks which could be used as a right of way or access road on a multi lot subdivision etc. Our services are included but not limit to:

- Topographic detail survey using Electronic Total Station or Real Time Kinematic GNSS
- Horizontal and vertical control point measurement
- Mine survey
- Aerial photography ground control survey

Final topographical survey drawings can be supplied in a number of different formats depending on Client requirements, such as hard copies on paper, or soft copies on DVD, all at standard scales. Digital information can be provided in either 2D or 3D in file formats and most other system formats.

It is our aim to provide products with high quality standard that is exactly what Client want and can work with.



# Expertises

PT Tellus Meridian Survey

## 2. GNSS SURVEY

GNSS surveys can provide solution for many aspects of topographical survey requirements with applications including:

- High order control networks
- River cross sections
- Route surveys
- Borehole location
- Height control
- Setting out

Post processing is required for high order control networks with precise results computed with commercial Trimble Business Center (TBC), a dedicated high standard GNSS survey software. Our surveyors on site can work independently from each other, allowing for greater productivity.



# Expertises

PT Tellus Meridian Survey

## 3. ONSHORE GEOPHYSICAL SURVEY

From strong experiences key personnel, TMS team are ready to support Onshore Geophysical Survey works, including:

- Soil resistivity survey using Geo-electrical equipment
- Underground survey using Ground Penetrating Radar

## 4. SHALLOW WATER (NEARSHORE) GEOPHYSICAL SURVEY

TMS offers wide range of shallow water Geophysical survey, including :

- Bathymetric survey within Riverside area and Nearshore area using Echosounder equipment
- Tidal observation in order to produce harmonic constants
- Seabed clearance survey using Side Scan Sonar
- Shallow seismic using Sub-bottom profiler equipment such as Boomer, Pinger
- Marine Magnetic survey

Geophysical data can be used for engineering purposes such as cable lay, pipelay, hazard survey, etc. It can be used for other purposes i.e identifying the shipwreck, etc.

## 5. 3D LASER SCANNING AND MODELLING

TMS provides 3D Laser Scanning survey and 3D Modelling for various survey as required by Client. Laser Scanning Survey is widely used in Oil and Gas industry and Construction Industry in Indonesia.

Laser Scanning Systems could capture 3D data in point cloud in over 1 million points/sec. Those capture data could be processed to generate 3D models representing real world structures with high accuracy.

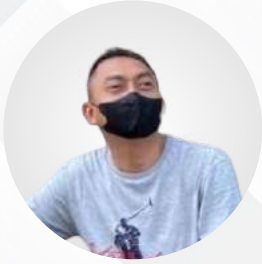
# Key Personnel

PT Tellus Meridian Survey



## **BARKEN ADIKA CANDRA, ST. MT.**

Barken graduated from Institut Teknologi Bandung major in Geodetic Engineering Department. In 2002, he continued his study for Master degree at Institut Teknologi Bandung majoring in Applied Geophysics. With more than 15 years experiences, he has wide range of expertise either in Surveying and Geophysical discipline for both Offshore and Onshore.



## **CAHYO KURNIADI, ST.**

Cahyo has a lot of experiences in Oil and Gas industry specialized in Land survey and GNSS survey. He graduated from Geodetic Engineer of Institut Teknologi Bandung in 2002. He is now involved with topographic and engineering surveys in TMS.



## **DIPTYO S., ST.**

More than ten (10) years involving in offshore and nearshore survey services, Diptyo has recognized as a person who is familiar with various survey method including geophysical survey, meteorology - oceanographic survey, also dredging and reclamation monitoring.



## **HERI KOSWARA A.Md**

With more than 15 years involving in Land and Nearshore survey services, Heri has been recognized as a person who is familiar with various survey method including Topographic survey, Aerial Photography survey, and also Bathymetry survey.



## **IMAM Satria YUDHA, ST. MT**

Yudha works as Project Manager at TMS. Graduating from Geomatic Engineering of Institut Teknologi Sepuluh November (ITS) and has master's degree in year of 2022. He has capabilities to supervise and QC for both Topographic and Bathymetric survey data including to process, charting and reporting.



## **WIRYO FEBDILA, S.KOM.**

Graduated from Informatics Engineering of Institut Teknologi Sepuluh Nopember, Wiryo has the capability to supervise and Organise of Project. He has been involved in projects such as Cadastral, Topographic, UAV, and ETC. With TMS, his responsibilities include project management, field supervision, and analysis support.



# Supporting Equipment

## PT Tellus Meridian Survey

- One (1) Magellan Japan System RT-PPP GNSS Positioning System (cm precision positioning solution)
- One (1) Unit of Unmanned Aerial Vehicle (UAV) Nimbus 1800 with Vertical Take-Off Landing (VTOL) capability
- DJI Drone Matrice 350 with Dji Zenmuse L1 LiDar sensor
- DJI Drone Mavic 3 Enterprise with GNSS RTK sensor
- Five (5) units of GNSS Trimble R4 Dual Frequency
- Ten (10) units Real Time Kinematic GNSS Dual Frequency from various brands.
- Four (4) units of Electronic Total Station, one Trimble M1, one Sokkia Set02N and two Leica TC803
- One (1) unit Multibeam Echo Sounder WASSP S3
- One (1) unit EIVA Navi Suite Kuda dongle
- One (1) unit Single beam Echo Sounder Teledyne Odom Echotrac E20
- One (1) unit Valeport Tide Master
- One (1) unit of Automatic Level Sokkia B40
- Four (4) units GNSS Handheld Garmin GPSmap 64s



# Experience

## *PT Tellus Meridian Survey*

- Topographic survey using LiDAR on site PT. Indocement Tunggul Perkasa Tarjun, Client: PT SGS Indonesia August – September 2023
- LiDAR survey in Batam for Relocation facilities Project, Batam Island, August 2023.
- Bathymetric survey KINE-WP7 proposed mooring area at Merak, Client : PT Kreasi Handal Selaras, August 2023
- Bathymetri Jumbang using SBES and SBP, Client : PT Arutmin Indonesia, June 2023
- Onshore Project Location in Cilegon, Client : PT Bintang Subsea Indonesia,
- Survei GPS/GNSS dan Inspeksi Shell Gresik, Lokasi : Shell Gresik, Jawa Timur, Client : PT Cipta Revorma Bersama
- Topographic Survey and Photogrammetric Survey work at the Sancang Windfarm Project, Client: PT SGS Indonesia, 19 Desember-22 Januari 2023
- Service Personnel & Survey Equipment at Kabupaten Sumedang, Pekalongan dan Kotawaringin Barat Tahun 2022, Client PT Mahakarya Geo Survey, August 2022 – February 2023.
- Topography survey work, Tuban, East Jawa, Client PT Teknotama Lingkungan Internusa, September 2022.
- Topographic survey within BMH Jakarta Landing for Bifrost Inshore Cable Route Survey, Manado, North Sulawesi, Client PT. Bintang Subsea Indonesia, May 2022
- Pekerjaan pengukuran Foto Udara, Video Drone dan LiDAR pada Paket 4 pembangunan Jalan Tol Ruas Pematang Siantar – Parapat, Client: PT Yodya Karya, Januari – Maret 2022.
- Topographic survey within BMH Jakarta Landing for Bifrost Inshore Cable Route Survey, Pantai Mutiara, Jakarta, Client PT. Bintang Subsea Indonesia, December 2021
- Bathymetric Survey using Multibeam Echosounder (MBES) in supporting Pre-dredging work for PT Indonesia Timur Raya, Batu Ampar Port – Batam, November 2021.
- Topographic survey within PT Petrotec Guna Perkasa site, Buru Island – Maluku, September to October 2021.
- Onshore and Tide Zone Geophysical Survey within Onshore Receiving Facilities (ORF)
- Petronas at Kawasan Industri Maspion Gresik for PT Offshore Works Indonesia – Petronas Carigali Ketapang II Ltd., August to September 2021.
- Bathymetric Survey within KUD Void within PT Arutmin Indonesia Site, June 2021.
- Topographic survey within PT Petrotec Guna Perkasa site, Bitung – North Sulawesi, May to June 2021.
- Topographic Survey within IUP of PT Gamindra Mitra Kesuma in Pasaman – West Sumatra, March 2021.
- Pengukuran, Pemetaan dan Informasi Bidang Tanah Pendaftaran Tanah Sistematis Lengkap Kabupaten Konawe Selatan Tahun 2020, Kantor Pertanahan (BPN) Konawe Selatan, March to August 2020.

# Experience

## *PT Tellus Meridian Survey*

- Pengukuran, Pemetaan dan Informasi Bidang Tanah Pendaftaran Tanah Sistematis Lengkap Kabupaten Gorontalo Utara (Paket II) Tahun 2020, Kantor Pertanahan (BPN) Gorontalo Utara, February to August 2020.
- Pengukuran, Pemetaan dan Informasi Bidang Tanah Pendaftaran Tanah Sistematis Lengkap Kabupaten Bandung Barat (Paket II) Tahun 2020, Kantor Pertanahan (BPN) Kabupaten Bandung Barat, January to August 2020.
- Pengukuran, Pemetaan dan Informasi Bidang Tanah Pendaftaran Tanah Sistematis Lengkap Kabupaten Kapuas Hulu Tahun 2020, Kantor Pertanahan (BPN) Kapuas Hulu, Januari to May 2020.
- Pekerjaan pemetaan ruas Jalan menggunakan Unmanned Aerial Vehicle (UAV) di Sulawesi Tenggara (Subkontraktor), Ditjen Kereta Api, Desember 2019.
- Jasa Pekerjaan Survey Topografi, LiDAR, UAV dan Monitoring Reklamasi di PT Lotte Chemical Indonesia, Cilegon, PT Seven Gates Indonesia, November to December 2019.
- Pekerjaan Survei Ground Control Point (GCP) di Sumatra Selatan, PT Baratim Info Bumi - Badan Informasi Geospasial, August to October 2019.
- Survei Batimetri Sebagai Rangkaian Pra-Survei Seismik Zona Transisi di Blok Gebang, Energy Megah Persada (Gebang) Ltd., August to September 2019.
- Pengukuran, Pemetaan dan Informasi Bidang Tanah Pendaftaran Tanah Sistematis Lengkap Kota Jakarta Selatan (Paket I) Tahun 2019, Kantor Pertanahan (BPN) Kota Jakarta Selatan, Mei to November 2019.
- Marine Cable Route Survey, Sistem Komunikasi Kabel Laut - Ibukota Kabupaten (SKKL - IKK) Tarjun to Stagen, Kotabaru - South Kalimantan, PT Tri Mitra Resources
- PT Telkom Infra - PT Telkom Indonesia, November to December 2018.
- Pelatihan Akuisisi Data Multibeam, Badan Informasi Geospasial, November 2018.
- Pembuatan Peta Koridor Perbatasan RI-RDTL, Badan Informasi Geospasial, June to September 2018.
- Pemetaan dan Pengukuran Bidang Tanah Sistematis Lengkap Paket I Kota Tangerang Selatan, Kantor Pertanahan (BPN), April to October 2018.
- Survei Hidrografi dan Survei Garis Pantai Konektivitas Malahayati, Belawan, Jambi dan Palembang, Badan Informasi Geospasial, March to November 2018.
- Gyro Calibration and DGPS Verification on Nostag 10 Barge - Ambon, PT Maritel Bahtera Abadi - TAGU Offshore, Februari 2018.
- Survei topografi Jalan Akses Bandara Kertajati, Majalengka - Jawa Barat, Ditjen Bina Marga, November 2017.
- Pendaftaran Tanah Sistematis Lengkap Kabupaten Dhamasraya, Sumatra Barat, PT Baratim Info Bumi, Oktober 2017.
- JAYABAYA submarine cable network, Tanjung Pakis, Cirebon, Kendal and Banyu Urip, Man Power Supply, August to September 2017.

# Experience

## *PT Tellus Meridian Survey*

- PALAPA Ring Timur submarine cable network, East Indonesian Region, Man Power Supply, April to July 2017.
- Ground Control Point (GCP) Survey in Bangka for Land Registration Basemap, PT Baratim Info Bumi - BPN Dhamasraya, October 2016.
- Bathymetry Survey for Reclamation work in Makassar, PT Hydrocore - PT Boskalis International Indonesia, April 2016.
- Onshore Mapping Service and Soil Investigation for Bunyu OPF, Bunyu Oil Terminal, and Onshore Proposed Pipeline Route, Bunyu - North Kalimantan, PT Offshore Works Indonesia - PT Pertamina Hulu Energi Nunukan Company (PHENC), April to August 2016.
- Onshore Survey Service for Proposed Lengo WHP to ORF Pipeline route second campaign, Kawasan Industri Tuban, Tanjung Awar-awar - Tuban, PT Offshore Works Indonesia - Kris Energy (Satria) Ltd., November 2015 to January 2016.
- Onshore Survey Service for Proposed Lengo WHP to ORF Pipeline route first campaign, Kawasan Industri Tuban, Tanjung Awar-awar - Tuban, PT Offshore Works Indonesia - Kris Energy (Satria) Ltd., May to July 2015.
- Topography Survey within Proposed Electrical Transmission Line along Ulubelu Unit 3 and 4 Geothermal Power Plan, Ulubelu - Lampung, PT Jaya Cipta Kencana - PT Siemens Indonesia, March 2015.





## Our Clients






*Committed to superior  
quality and results.*

## **Contact Information** *PT Tellus Meridian Survey*

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