

Technical Cooperation Project for Development Support of Electronic Navigational Charts in Solomon Islands

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Aero Asahi Corporation

- **ODA and JICA**
 - Japanese Government Policy
 - JICA scheme
 - Technical Cooperation
- **ENC Project in Solomon Islands**
 - Schedule
 - Project Areas
 - Input by JICA
 - Preliminary Result





- **The Ninth Pacific Islands Leaders Meeting (PALM9) in 2021 Leaders Declaration**
- **Joint Action Plan for Strengthening Pacific Bonds and for Mutual Prosperity**
- **Japan will support with training in Japan to build capacity for developing marine charts.**

<https://www.mofa.go.jp/mofaj/files/100208113.pdf>



- **Free and Open Indo-Pacific**

- **Free and Open Indo-Pacific** A key for stability and prosperity of the international community is dynamism that is created by combining
- “Two Continents” : Asia that is rapidly growing and Africa that possess huge potential of growth; and
- “Two Oceans” : Free and open **Pacific Ocean** and Indian Ocean

⇒ broaden the horizon of Japanese foreign policy by envisioning the above as an overarching, comprehensive concept



What is JICA?

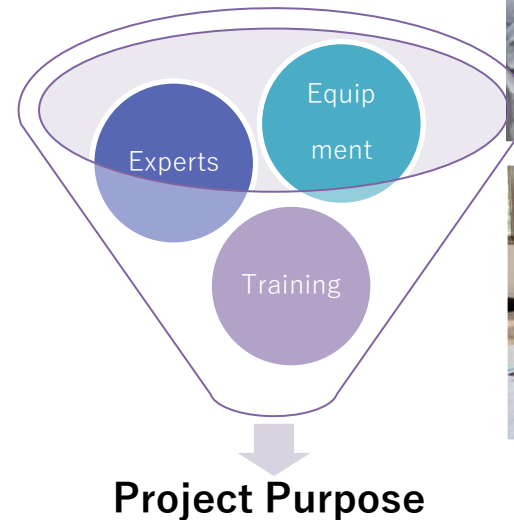
- ***JICA (Japan International Cooperation Agency)*** is in charge of administering all ODA, except for contributions to international organizations.
- ***Mission :***
JICA, in accordance with the Development Cooperation Charter, will work on human security and quality growth.



Type of Cooperation

● Technical Cooperation (T/C)

For human resources development and the formulation of administrative systems, T/C involves the dispatch of experts, the provision of necessary equipment and the training in Japan and other countries.



● Finance and Investment

ODA Loans

Sovereign-based lending with concessional conditions, used for large-scale infrastructure and other development that require substantial funds.

Private Sector Investment Finance

Lending and/or equity investment to private sector entities.

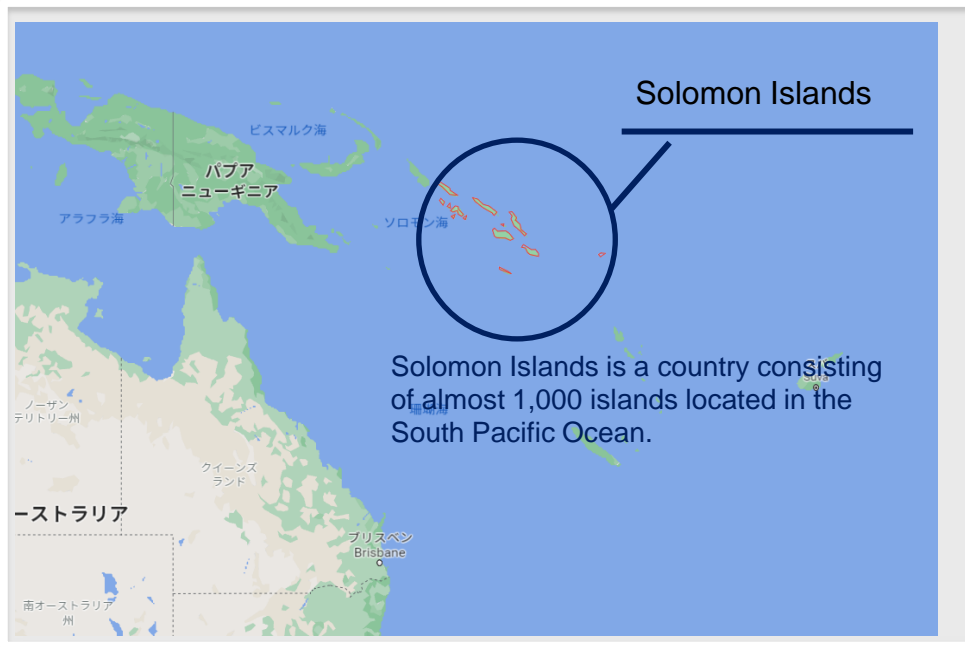
● Grants

Cooperation in the form of grants with no repayment obligation to provide the basic infrastructure, equipment and services necessary for economic and social development.



ENC Projects in Solomon Islands

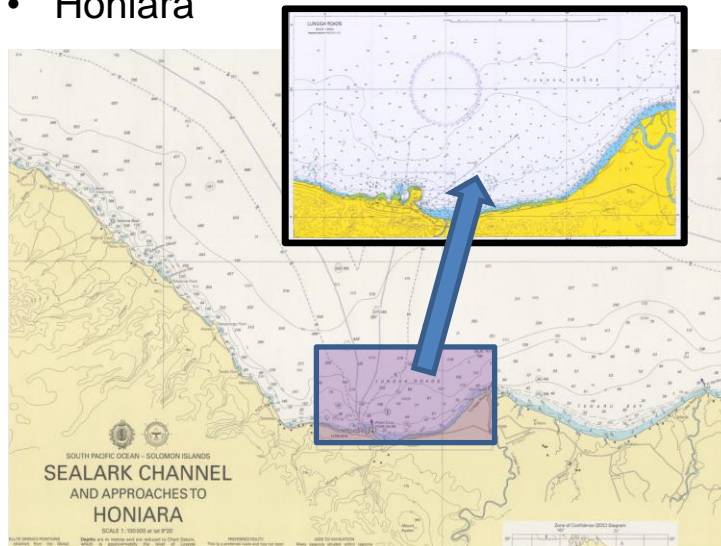
◆ The Project for Improvement of Honiara Port Facilities (Solomon)



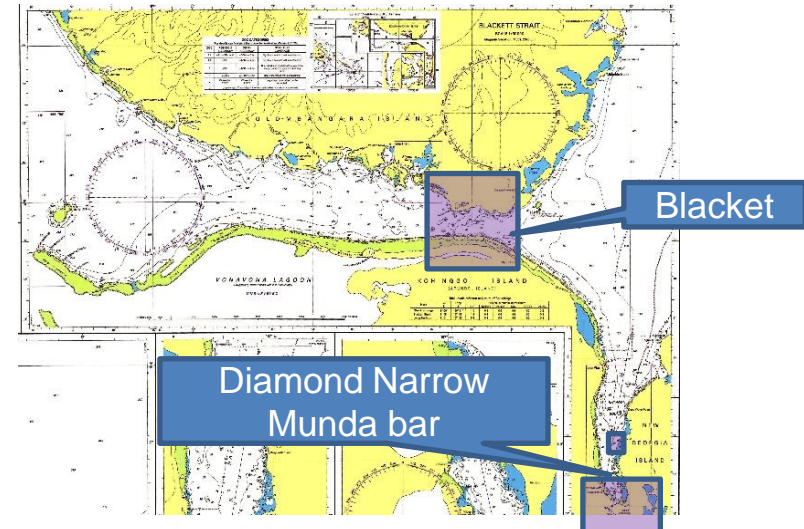
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Project Areas

- Honiara



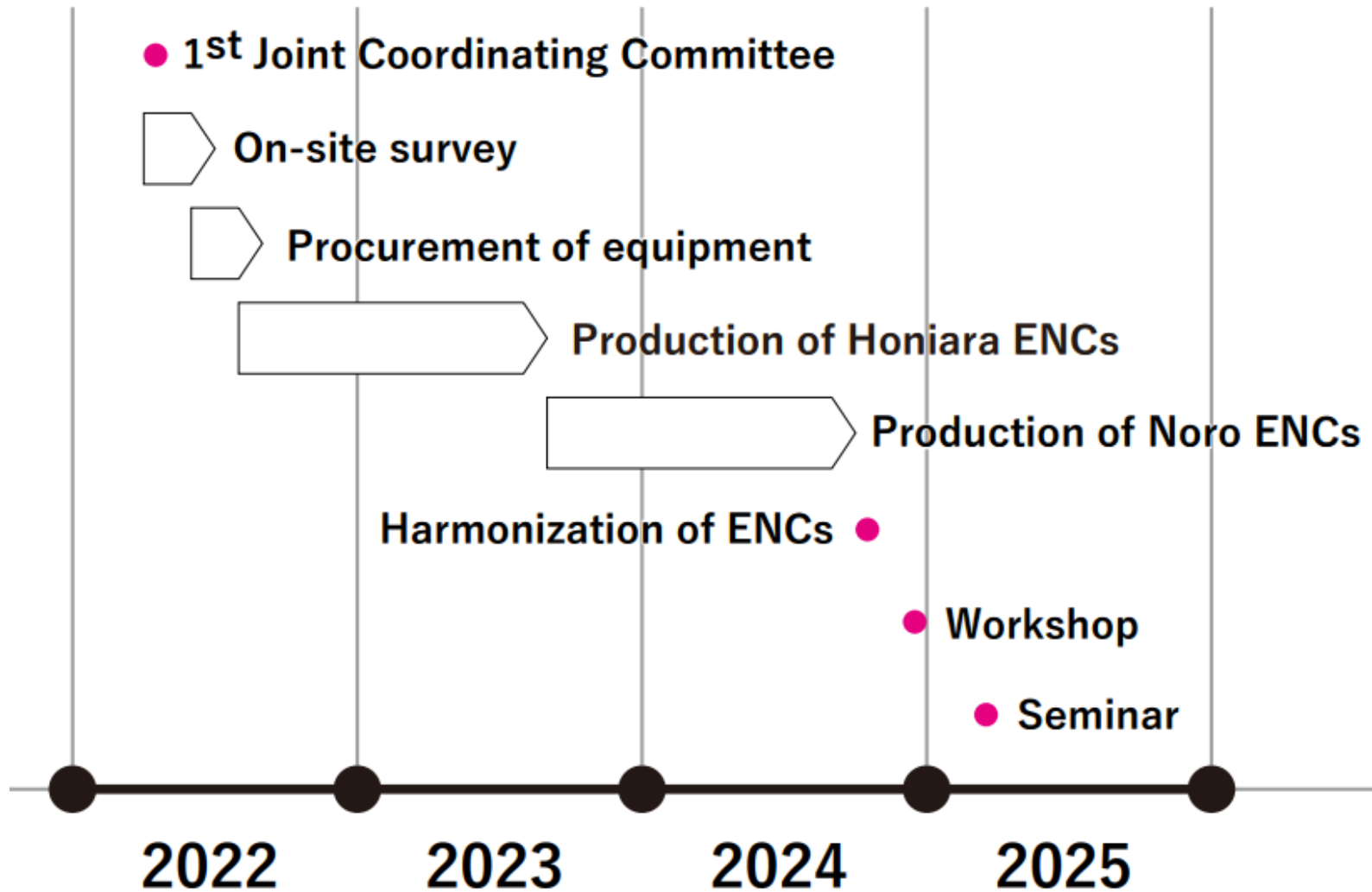
- Noro



Place	Types	Area
Honiara	ENC	Harbour area
	Paper Chart	1/5,000 and 1/20,000
Noro	ENC	Harbour area, Blacket strait Diamond narrows and Munda bar
	Paper Chart	1/5,000, 1/20,000 and 1/50,000

ENC Projects in Solomon Islands

Schedule



ENC Projects in Solomon Islands

Input by JICA

- **Dispatch of Experts: 12 experts**

- Leader & Sub leader / Technology Transfer Planning
- Control point survey and leveling
- Topographic survey
- Oceanographic observation (tide and tidal current)
- Survey ship guidance
- Digital hydrographic survey × 2
- Data processing
- ENC and paper chart production
- Equipment Procurement/Coordinator/Training planning × 2

- **Counterpart training**

- JICA will organize training courses in Japan and in a third country such as Australia during the Project.

The following equipment will be supplied by JICA in the Project,

- **Positioning/Navigation**

- GNSS receiver with RTK/static survey capability
- GNSS base station for RTK
- GNSS data processing software
- Laptop PC for vessel navigation and control

- **Depth sounding system**

- Single beam echo sounder
- Underwater sound velocity profiler
- Laptop PC for data acquisition
- HYPACK
- Bar check bar
- Desktop PC and hard disk drive

- **Seabed Imaging/oceanographic measurement**

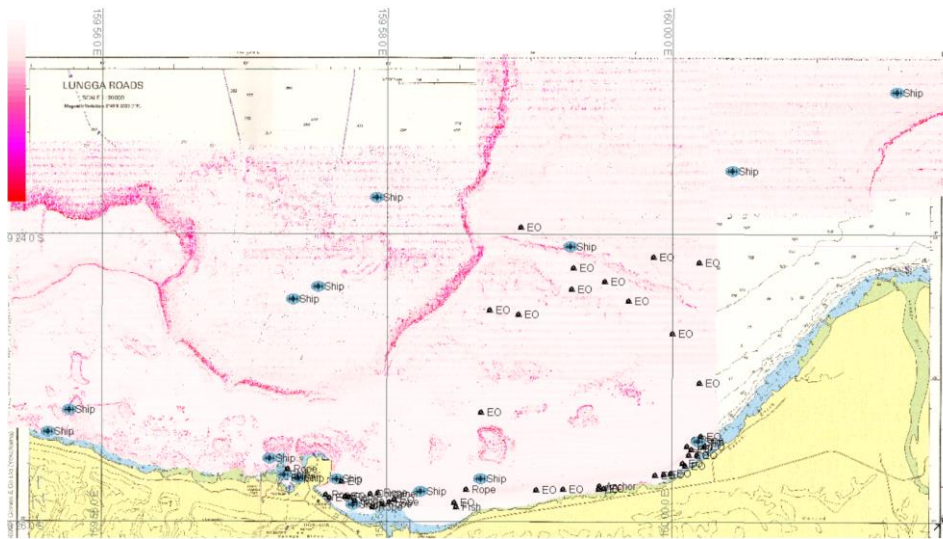
- Side Scan Sonar
- Tide sensor

- **ENC/paper chart production**

- Software for ENC/paper chart production
- Desktop PC
- CAD software
- A0 plotter
- UPS

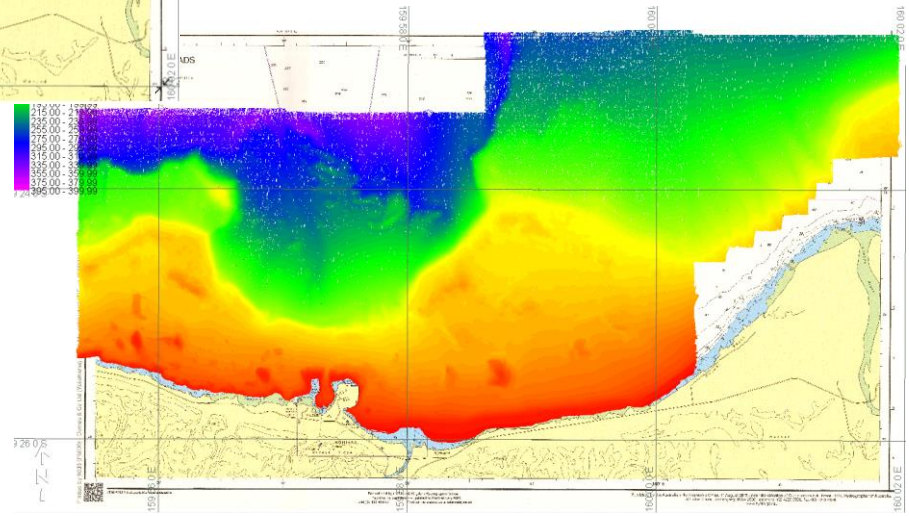
ENC Projects in Solomon Islands

Preliminary Result



**A number of wrecks were found!
According to preliminary analysis,
15 possible wrecks, 13 newly found!**

Honiara Port



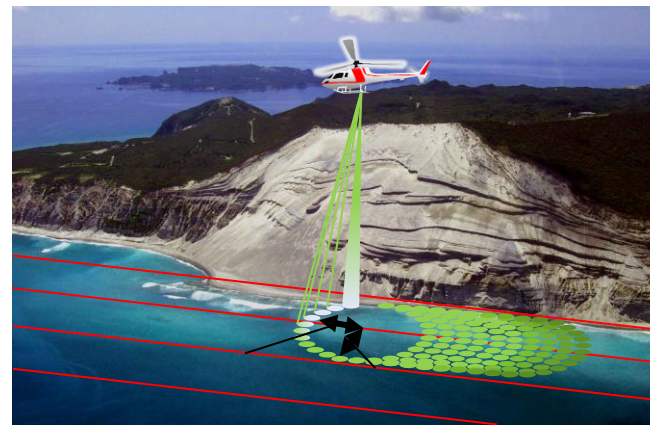
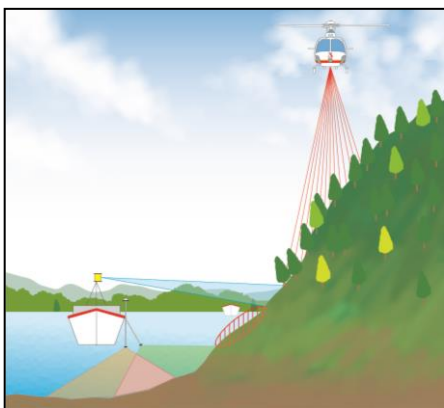
High-quality sea bottom topography by MBES

Japanese Assistance

**Japan is prepared to assist with charting
in the Pacific.
If you are interested, please contact us.**

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**Thank you
for your attention.**

