Plates

Plate 1. JGSDF Coastal Surveillance Unit 301, Wakkanai, (7-element CDAA for HF/VHF interception and DF), 16 August 2010

Source: Imagery © Google, DigitalGlobe, dated 16 August 2010

Plate 2. JGSDF Coastal Surveillance Unit 301, Maruyama, September 2011

Source: Desmond Ball Collection

Plate 3. JGSDF Coastal Surveillance Unit 301, Rebun, 7 September 2005

Source: Desmond Ball Collection

Plate 4. JGSDF Coastal Surveillance Unit 302, Shibetsu (Inset: Kawakita), 7 September 2011

Source: Desmond Ball Collection

Plate 5. Detachment of the JGSDF 302 Coastal Surveillance Unit, Rausu, Hokkaido, 10 September 2005

Source: Desmond Ball Collection

Plate 6. JGSDF Coastal Surveillance Unit 302, radome and antenna towers at Nemuro, 7 September 2011

Source: Desmond Ball Collection

Plate 7. JGSDF Coastal Surveillance Unit 302, Nemuro, (7-element CDAA for HF/VHF interception and DF), 3 September 2010

Source: Imagery © Google, DigitalGlobe, dated 3 September 2010

Plate 8. JMSDF Coastal Surveillance Station, Notsuke Peninsula, Shibetsu, Hokkaido, 6 September 2011

Source: Desmond Ball Collection

Plate 9. JMSDF ELINT/undersea surveillance station, Matsumae Shirakami, 11 September 2011

Source: Desmond Ball Collection

Plate 10. JMSDF Coastal Defence Station, Matsumae, 11 September 2011

Source: Desmond Ball Collection

Plate 11. JMSDF ELINT/undersea surveillance station, Tappi Zaki, 20 August 1982

Source: Desmond Ball Collection

Plate 12. JMSDF ELINT/undersea surveillance station, Kii, 2008

Source: Desmond Ball Collection

Plate 13. JMSDF ELINT/undersea surveillance station, Kii, 16 August 2006

Source: Kim Keukmi

Plate 14. JMSDF ESM radome at Kii, 16 August 2006

Source: Kim Keukmi

Plate 15. JMSDF ELINT station, Mutsure-jima, 7 October 2010

Source: Desmond Ball Collection

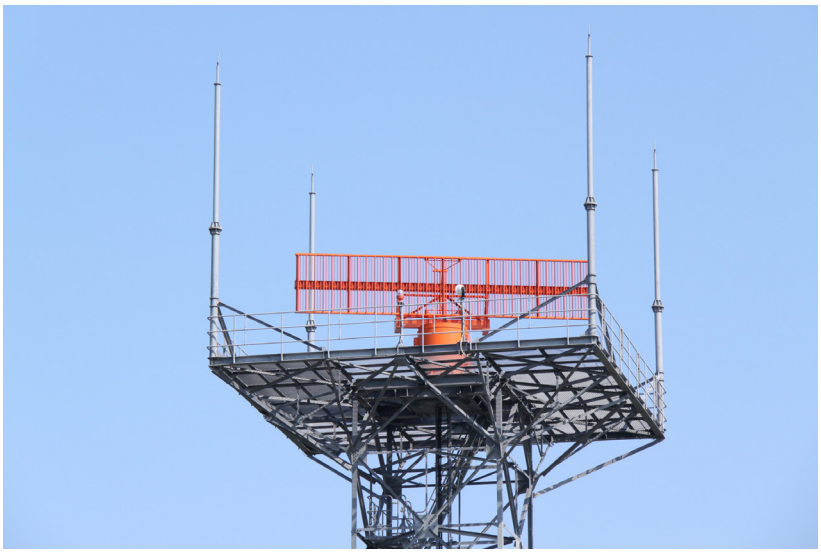

Plate 16. JMSDF ELINT station, Mutsure-jima, 7 October 2010

Source: Desmond Ball Collection

Plate 17. JMSDF ELINT station, Oura, Kami-tsushima, Tushima Islands, 17 February 2010

Source: Desmond Ball Collection

Plate 18. JMSDF ELINT station, Agami, Shimo-tsushima, 16 February 2010

Source: Desmond Ball Collection

Plate 19. JMSDF ELINT station, Agami, Shimo-tsushima, 16 February 2010

Source: Desmond Ball Collection

Plate 20. JMSDF ESM system, Tsutsu, Shimo-tsushima, Tushima Islands, 18 February 2010

Source: Desmond Ball Collection

Plate 21. JMSDF ELINT station, Wakamiya, Iki Island

Source: Desmond Ball Collection

Plate 22. JMSDF Coastal Defense Station, Kogozaki, Sasebo, 16 March 2012

Source: Desmond Ball Collection

Plate 23. JCG 7-element HF DF station, Ishigaki, 4 July 2010

Source: Imagery © Google, DigitalGlobe, dated 4 July 2010

Plate 24. JCG 7-element HF DF station, Ishigaki, December 2013

Source: Desmond Ball Collection

This text taken from *The Tools of Owatatsumi: Japan's ocean surveillance and coastal defence capabilities*, by Desmond Ball and Richard Tanter, published 2015 by ANU Press, The Australian National University, Canberra, Australia.