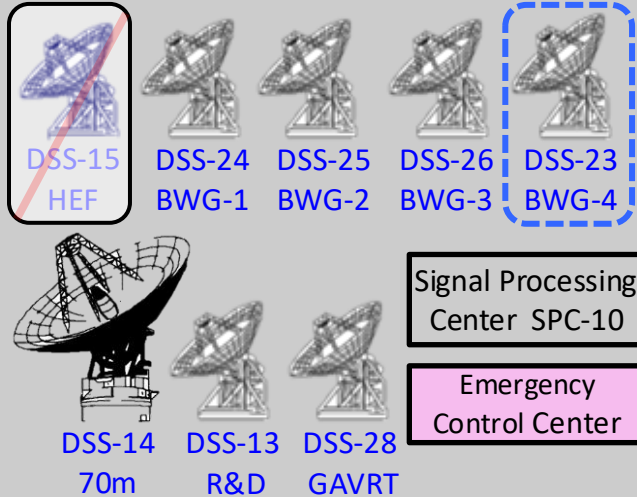


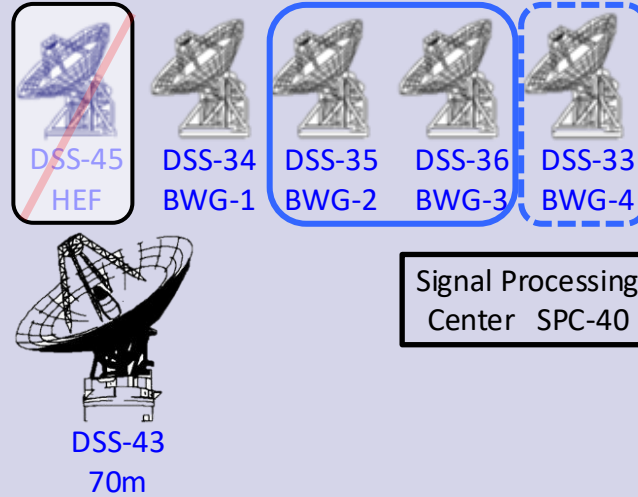
# DSN Assets and Capabilities

## June 2026

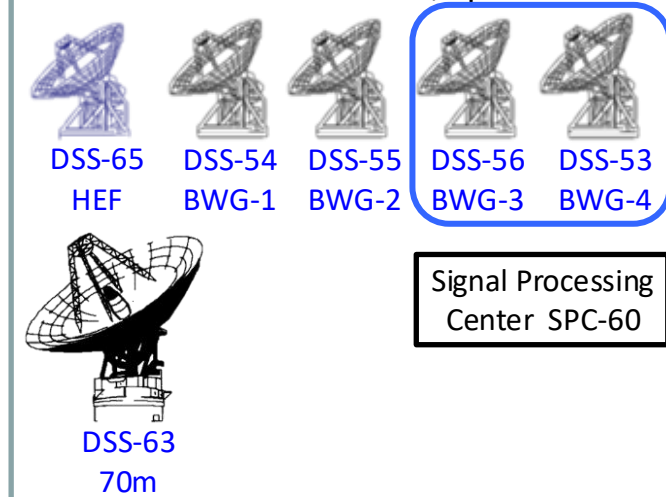
### GDSCC - Goldstone, CA



### CDSCC - Canberra, Australia



### MDSCC - Madrid, Spain



### Other Assets

DSN Project Office  
Pasadena, CA

Deep Space  
Operations Center  
(DSOC) Pasadena, CA

Remote Observation  
Center (ROC)  
Monrovia, CA

DTF-21 Monrovia, CA  
CTT-22 Mobile  
MIL-71 KSC, FL

| Freq. Band | S Up       | S Down   | X Up       | X Down   | K/Ka Up     | K/Ka Down   |
|------------|------------|----------|------------|----------|-------------|-------------|
| Deep Space | 2.11-2.12  | 2.29-2.3 | 7.145-7.19 | 8.4-8.45 | 34.2 - 34.7 | 31.8-32.3   |
| Near Earth | 2.025-2.11 | 2.2-2.29 | 7.19-7.235 | 8.45-8.5 | 22.55-23.15 | 25.5 - 27.0 |

### Legend

~~Decommissioned~~

Future DAEP

Delivered DAEP

Grey - Decommissioned

20kW now - Will be upgraded to 80kW

400W - Future delivery

• - Deep space band only, \* - near earth only

♦ - Future DAEP/DLEU/DSN deliveries

■ - By Permission only for deep space level

| Antenna           | Sub-Net            | S-Band          |              | X-Band          |              |       | Near Earth K-Band |      | Deep Space Ka-Band |      | Optical 1550nm | Est. Deliv. Dates |
|-------------------|--------------------|-----------------|--------------|-----------------|--------------|-------|-------------------|------|--------------------|------|----------------|-------------------|
|                   |                    | Up              | Down         | Up              | Down         | Radar | Up                | Down | Up                 | Down | Down           |                   |
| DSS-14            | 70m                | 20kW•           | ✓            | 20kW            | ✓            | 500kW |                   |      |                    |      |                | 05/2028           |
| <del>DSS-15</del> | <del>34m HEF</del> | <del>250W</del> | <del>✓</del> | <del>20kW</del> | <del>✓</del> |       |                   |      |                    |      |                |                   |
| DSS-23            | 34m BWG            | 400W*           | ♦            | 20kW            | ♦            |       |                   |      |                    | ♦    |                | 08/2026           |
| DSS-24            | 34m BWG            | 20kW            | ✓            | 20kW            | ✓            |       | 250W              | ✓    |                    | ♦    |                | TBD               |
| DSS-25            | 34m BWG            | 400W*           | ♦            | 20kW            | ✓            |       |                   |      | 400W               | ✓    |                | 05/2027           |
| DSS-26            | 34m BWG            | 400W*           | ✓            | 80kW            | ✓            |       | 250W              | ✓    |                    | ✓    |                |                   |
| DSS-33            | 34m BWG            |                 |              | 80kW            | ♦            |       |                   |      |                    | ♦    |                | 10/2029           |
| DSS-34            | 34m BWG            | 20kW            | ✓            | 20kW            | ✓            |       | 250W              | ✓    |                    | ✓    |                |                   |
| DSS-35            | 34m BWG            | 400W*           | ♦            | 20kW            | ✓            |       |                   |      | 400W               | ✓    |                | 07/2026           |
| DSS-36            | 34m BWG            | 400W*           | ✓            | 20kW            | ✓            |       | 250W              | ✓    |                    | ✓    |                |                   |
| DSS-43            | 70m                | 100kW•<br>400W* | ✓            | 80kW•           | ✓            |       |                   |      |                    |      |                |                   |
| <del>DSS-45</del> | <del>34m HEF</del> | <del>250W</del> | <del>✓</del> | <del>20kW</del> | <del>✓</del> |       |                   |      |                    |      |                |                   |
| DSS-53            | 34m BWG            | 400W*           | ✓            | 20kW            | ✓            |       | 250W              | ✓    |                    | ✓    |                |                   |
| DSS-54            | 34m BWG            | 20kW            | ✓            | 20kW            | ✓            |       |                   | ✓    |                    | ✓    |                |                   |
| DSS-55            | 34m BWG            | 400W*           | ♦            | 20kW            | ✓            |       |                   |      | 400W               | ✓    |                | 03/2027           |
| DSS-56            | 34m BWG            | 400W*           | ✓            | 20kW            | ✓            |       | 250W              | ✓    |                    | ✓    |                |                   |
| DSS-63            | 70m                | 20kW            | ✓            | 20kW•           | ✓            |       |                   |      |                    |      |                | TBD               |
| DSS-65            | 34m HEF            | 400W*           | ✓            | 20kW•           | ✓            |       |                   |      |                    |      |                |                   |