

AIDS TO NAVIGATION SCHEDULE AN272-01

PINE ISLET LIGHT - QLD

(Est.1934, Solar conversion 13/4/87)

IALA AVAILABILITY CATEGORY: 2

POSITION: Latitude: 21° 39.4246' S
Longitude: 150° 13.0425' E
Datum : WGS84

CHARTS: AUS 822, 367

BA LIST OF LIGHTS: K 3020

DAYMARK: White GRP tower, 6 metres high.

CHARACTER: Flashing 10.0 secs
Flash: 0.2 sec
Eclipse: 9.8 sec

COLOUR OF LIGHT: White

ARC OF VISIBILITY: 318° - 218° (260°)
TRUE BEARING
FROM SEAWARD

BEACON: Vega VRB-25

LENS SPEED: 1 revolution every 60 seconds (1 RPM)

LIGHT SOURCE: Lamp: 12V 35W C8 Halogen LP PR30s
Lampchanger: VLC-153
Flasher Calc-20
Daylight Control Switch: Vega

POWER SOURCE: Solar panels: 6 x Solarex MSX60
(Inclined 35° to horiz)
Regulator: 6 x Solarex SR8
Diodes: Schottky Barrier 8A, 45PRV
80SQ045
6 for solar panels,
12 for battery modules
Battery: 12V, 960Ah (6 x 160Ah modules)
12 x Yuasa EN160-6, 6V, 160Ah

STRUCTURE: Size 3 GRP TF1 tower and helipad.

INTENSITY: 63,155 cd

ELEVATION: 67 metres

RANGE: Nominal: 18 nmiles
Geographical: 21 nmiles