



Attachment 1: North Reef Lighthouse General Condition

Attachment 1 shows a general overview of the types of defects found and subsequent repairs required. Note the photos were taken in 2007-08 and the amount of damage and deterioration will be greater.



General



Aerial View of North Reef



North Reef Lighthouse



Lantern Room



Lantern Room



External corrosion and paint system



External catwalk



Glazing's



Sealing



Sealing interface between tower and quarters roof



Balcony sealing interface between lantern room and soffit



Re-roofing



Flat sheet quarters roof



Re-cladding



External asbestos corrugated cladding



General Repairs



External windows



External doors



Quarter's room



Quarters internal wall sheeting



Foundation erosion / stabilisation



Erosion / corrosion around caisson / foundation





Internal / External paint system



Condition of tower paint system – test showing adhesion



Condition of tower paint system



Condition of internal paint system



Condition of internal paint system



Condition of dome paint system – test showing adhesion