

## **OPERATIONAL NAVIGATION CHART (ONC) SCALE 1:1 000 000**

**PURPOSE:** ONC are designed to satisfy the enroute visual and radar requirements of Pilots/Navigators flying at medium and low altitudes or low altitude - high speed operations. The ONC may also be used for operational planning, intelligence briefings and preparation of cockpit visual display graphics. This series is the equivalent to ICAO World Aeronautical Charts (WAC's).

**PROJECTION:** Lambert Conformal Conic, based on two standard parallels within each 8 degree latitude band.

**SIZE:** 1460mm x 1057mm (57.5" x 41.6")

### **BASE DETAIL SHOWN.**

**CULTURE:** Extensive cities and towns, High Tension (HT) power transmission lines, principal roads, detailed railway networks, and miscellaneous outstanding cultural features.

**HYDROGRAPHY:** Detailed drainage with open water tints.

**RELIEF:** Basic contour interval is 1000 feet with 250, 500 or 2000 feet intermediate contours in moderately level areas. Spot elevations throughout the various elevation levels and maximum elevation data. Three dimensional relief shading, layer tints and land forms significant to low altitude radar missions are also shown.

**VEGETATION:** Distinctive vegetation types (ie. mangrove and pine) shall be shown.

**AERONAUTICAL OVERPRINT:** Aerodromes, radio facilities, aeronautical lights, obstructions, maximum terrain elevations or maximum elevation figures, isogonals, marine lights and airspace reservations.

**GEOGRAPHIC GRID:** WGS 84

**GRID OVERPRINT:** Universal Transverse Mercator and GEOREF system.

1:1 000 000

# OPERATIONAL NAVIGATION CHART

ONC

80°E

100°E

120°E

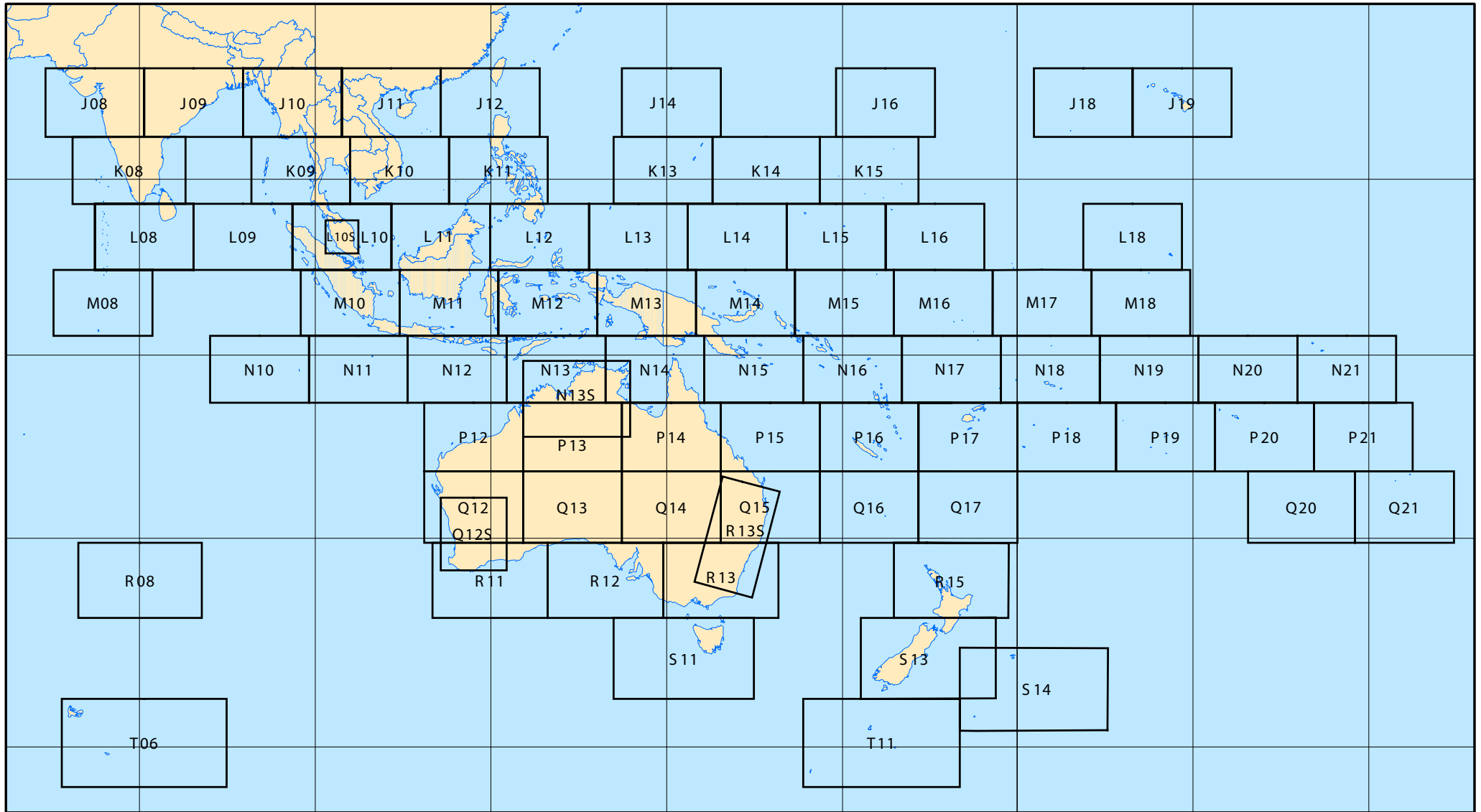
140°E

160°E

180°

160°W

140°W



# ONC SERIES

## EDITIONS AVAILABLE

Chart No.	Ed	Date	Country	Notes	Chart No.	Ed	Date	Country	Notes	Chart No.	Ed	Date	Country	Notes
J-8	7	4-84	USA		M-17	1	6-76	GBR		R-8	2	11-89	GBR	ss
J-9	6	9-89	USA	ss	M-18	2	4-86	GBR		R-11	4	8-83	AUS	
J-10	11	2-89	USA	ss						R-12	4	11-84	AUS	
J-11	13	3-88	USA	ss	N-10	1	9-72	AUS		R-13	6	4-99	AUS	
J-12	8	7-88	USA	ss	N-11	1	9-72	AUS		R-13S	2	2-87	AUS	
J-14	2	1-83	USA		N-12	6	8-91	AUS		R-15	2	3-92	USA	
J-16	2	6-83	USA	ss	N-13	6	3-00	AUS						
J-18	1	2-75	USA		N-13S	2	5-97	AUS		S-11	4	6-88	AUS	
J-19	5	4-91	USA	ss	N-14	5	6-00	AUS		S-13	2	4-91	USA	
					N-15	5	6-98	AUS		S-14	1	7-79	USA	ss
K-8	5	8-85	USA		N-16	3	2-99	AUS						
K-9	8	12-87	USA		N-17	2	7-82	GBR		T-6	2	11-89	GBR	ss
K-10	11	9-88	USA		N-18	2	11-85	USA		T-11	1	6-79	USA	ss
K-11	7	5-88	USA		N-19	2	11-89	USA	ss					
K-13	4	5-91	USA	ss	N-20	2	5-86	GBR	ss					
K-14	1	1-76	USA	ss	N-21	2	1-86	USA	ss					
K-15	4	5-89	USA	ss										
					P-12	3	3-83	AUS						
L-8	3	9-81	USA		P-13	3	5-80	AUS						
L-9	2	9-85	AUS		P-14	5	7-88	AUS						
L-10	7	3-90	GBR		P-15	5	2-95	AUS						
L-10S	1	9-82	AUS		P-16	3	12-82	AUS						
L-11	7	4-94	AUS		P-17	3	9-86	USA						
L-12	4	9-84	USA		P-18	2	11-83	USA						
L-13	2	5-89	USA		P-19	1	3-74	USA						
L-14	2	11-85	USA	ss	P-20	2	12-83	USA						
L-15	1	4-79	USA		P-21	2	6-89	USA						
L-16	2	3-84	GBR	ss										
L-18	1	9-75	GBR		Q-12	3	11-73	AUS						
					Q-12S	4	9-98	AUS						
M-8	4	3-88	USA	ss	Q-13	5	9-79	AUS						
M-10	5	4-90	AUS		Q-14	3	9-80	AUS						
M-11	4	4-78	AUS		Q-15	5	2-95	AUS						
M-12	3	8-97	AUS		Q-16	2	9-80	AUS						
M-13	6	1-82	AUS		Q-17	1	4-79	USA	ss					
M-14	7	4-99	AUS		Q-20	1	5-76	GBR	ss					
M-15	2	11-96	AUS		Q-21	1	5-76	GBR						
M-16	2	1-90	USA	ss										

ss - Small stocks only.