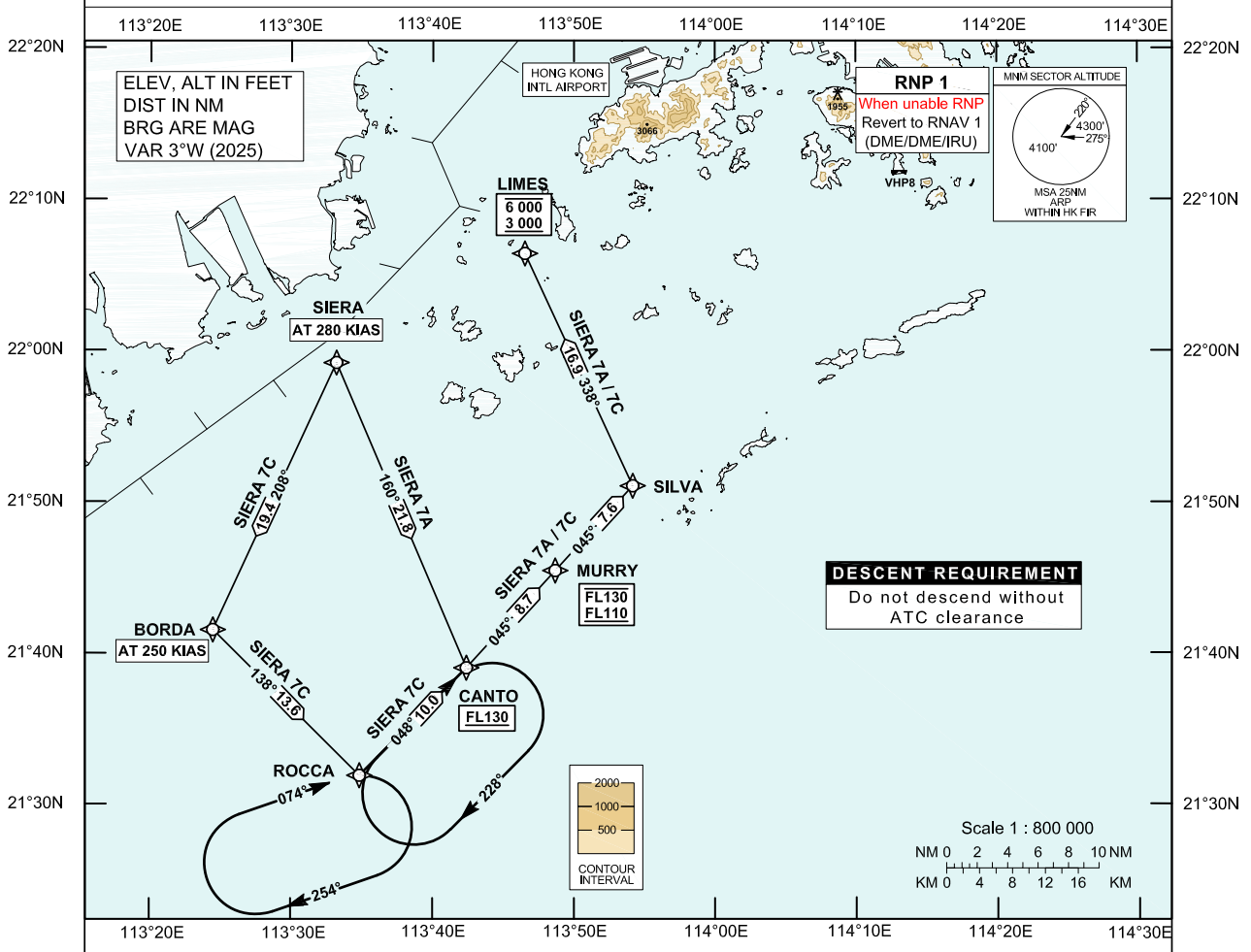
STANDARD ARRIVAL CHART-INSTRUMENT (STAR) - ICAO

Transition Altitude 9 000 ft
HONG KONG RADAR 127.55

HONG KONG / Intl (VHHH)
RNAV SIERA 7A / 7C STAR
RWY 07L/07C/07R

1. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. See VHHH AD 2.22 para 7.1.3.1 for contingency procedures.



SIERA 7A STAR RWY 07L/07C/07R	SIERA 7C STAR RWY 07L/07C/07R
Expect ILS approach. Descend as directed by ATC. **SPEED CONTROL** Aircraft shall fly at 280 KIAS by SIERA.	Expect ILS approach. Descend as directed by ATC. **SPEED CONTROL** Aircraft shall fly at 280 KIAS by SIERA and 250 KIAS by BORDA.

DESCENT REQUIREMENT
Cross CANTO FL130 or above. Cross MURRY between FL130 and FL110.
DO NOT DESCEND WITHOUT ATC CLEARANCE.

HOLDING
The holding pattern for SIERA STARs is established at CANTO / ROCCA. If holding is required, each flight will be instructed individually.

ALTERNATIVE HOLDING
In order to provide traffic management flexibility during peak periods of arrivals or adverse weather situation in Hong Kong TMA, traffic may be instructed to hold at BETTY, GAMBA or other terminal holdings (see ENR 3.6) as directed by ATC.

LOSS OF COMMUNICATION
In the event of a loss of communication aircraft shall comply with the descent requirement and the STAR track above. Maintain FL130 to LIMES. Join LIMES holding pattern and descend to 4 500 ft in the hold, then carry out the appropriate ILS approach procedure.

UNABLE RNP OR LOSS OF GNSS PROCEDURE
- Revert to RNAV 1 (DME/DME/IRU) and inform ATC
- Continue on assigned STAR
- Critical DME: TD required

CHANGE: Magnetic variation version and editorial change.

AD 2-VHHH-STAR-SIERA-AC_V09_260702km

FMC Database Coding Reference for Hong Kong RNAV STARs

TABULAR DESCRIPTION: SIERA 7A Runway 07L / Runway 07C / Runway 07R

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	IF	SIERA	-	-	+3.0	-	-	-	@280	RNP 1/ RNAV 1
02	TF	CANTO	-	160 (157)	+3.0	21.8	-	+FL130	-	RNP 1/ RNAV 1
03	TF	MURRY	-	045 (042)	+3.0	8.7	-	-FL130 +FL110	-	RNP 1/ RNAV 1
04	TF	SILVA	-	045 (042)	+3.0	7.6	-	-	-	RNP 1/ RNAV 1
05	TF	LIMES	-	338 (335)	+3.0	16.9	-	-6000 +3000	-	RNP 1/ RNAV 1

TABULAR DESCRIPTION: SIERA 7C Runway 07L / Runway 07C / Runway 07R

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	IF	SIERA	-	-	+3.0	-	-	-	@280	RNP 1/ RNAV 1
02	TF	BORDA	-	208 (205)	+3.0	19.4	-	-	@250	RNP 1/ RNAV 1
03	TF	ROCCA	-	138 (135)	+3.0	13.6	-	-	-	RNP 1/ RNAV 1
04	TF	CANTO	-	048 (045)	+3.0	10.0	-	+FL130	-	RNP 1/ RNAV 1
05	TF	MURRY	-	045 (042)	+3.0	8.7	-	-FL130 +FL110	-	RNP 1/ RNAV 1
06	TF	SILVA	-	045 (042)	+3.0	7.6	-	-	-	RNP 1/ RNAV 1
07	TF	LIMES	-	338 (335)	+3.0	16.9	-	-6000 +3000	-	RNP 1/ RNAV 1

WAYPOINT LIST

Waypoint Identifier	Coordinates (WGS-84)	
SIERA	21 59 12.00N	113 33 12.00E
BORDA	21 41 32.37N	113 24 29.01E
ROCCA	21 31 55.42N	113 34 51.44E
CANTO	21 39 02.63N	113 42 25.09E
MURRY	21 45 28.37N	113 48 41.97E
SILVA	21 51 04.50N	113 54 10.88E
LIMES	22 06 25.60N	113 46 32.60E