Chart 13229 (Page B, Inset 2) NM 12/00

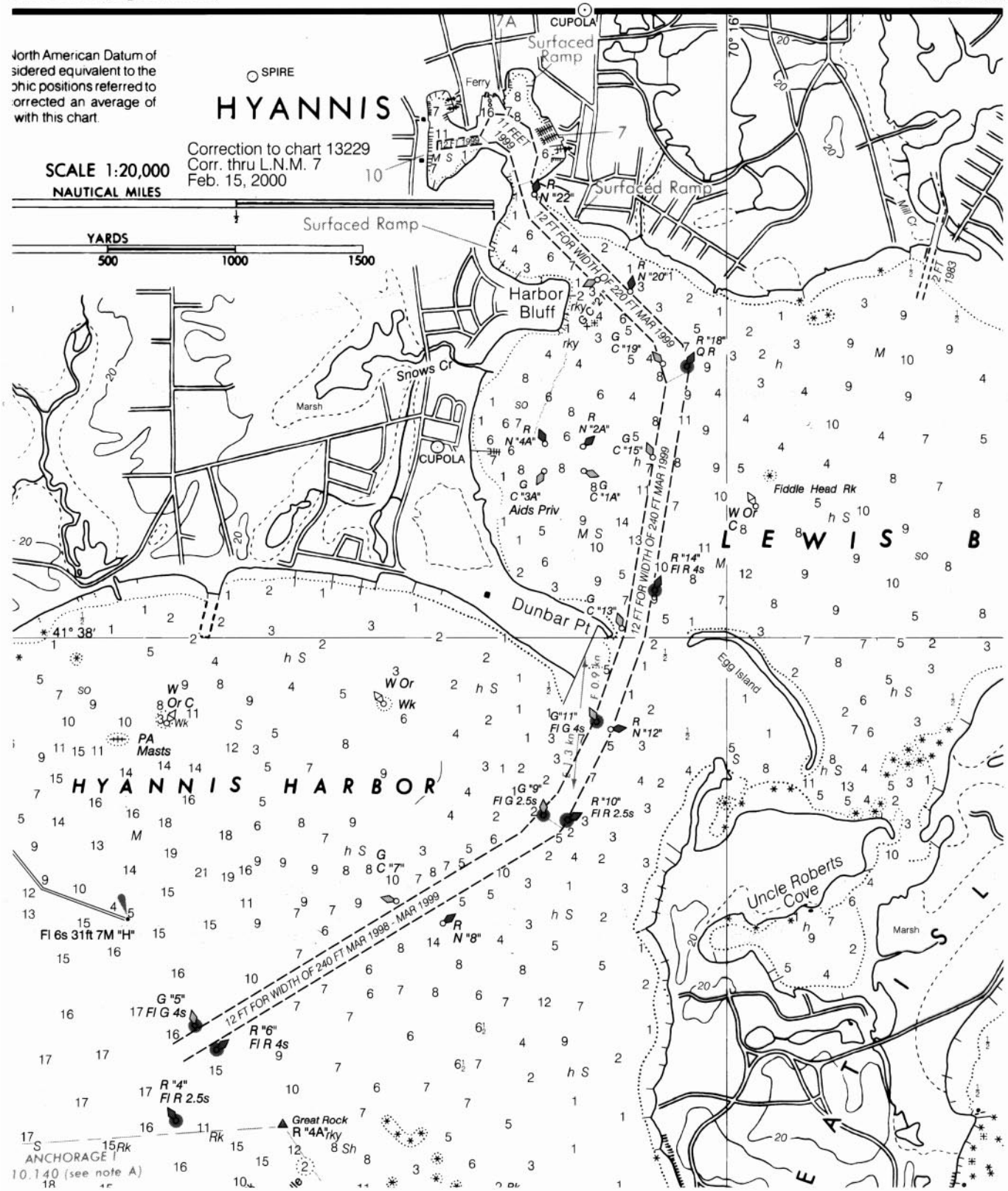
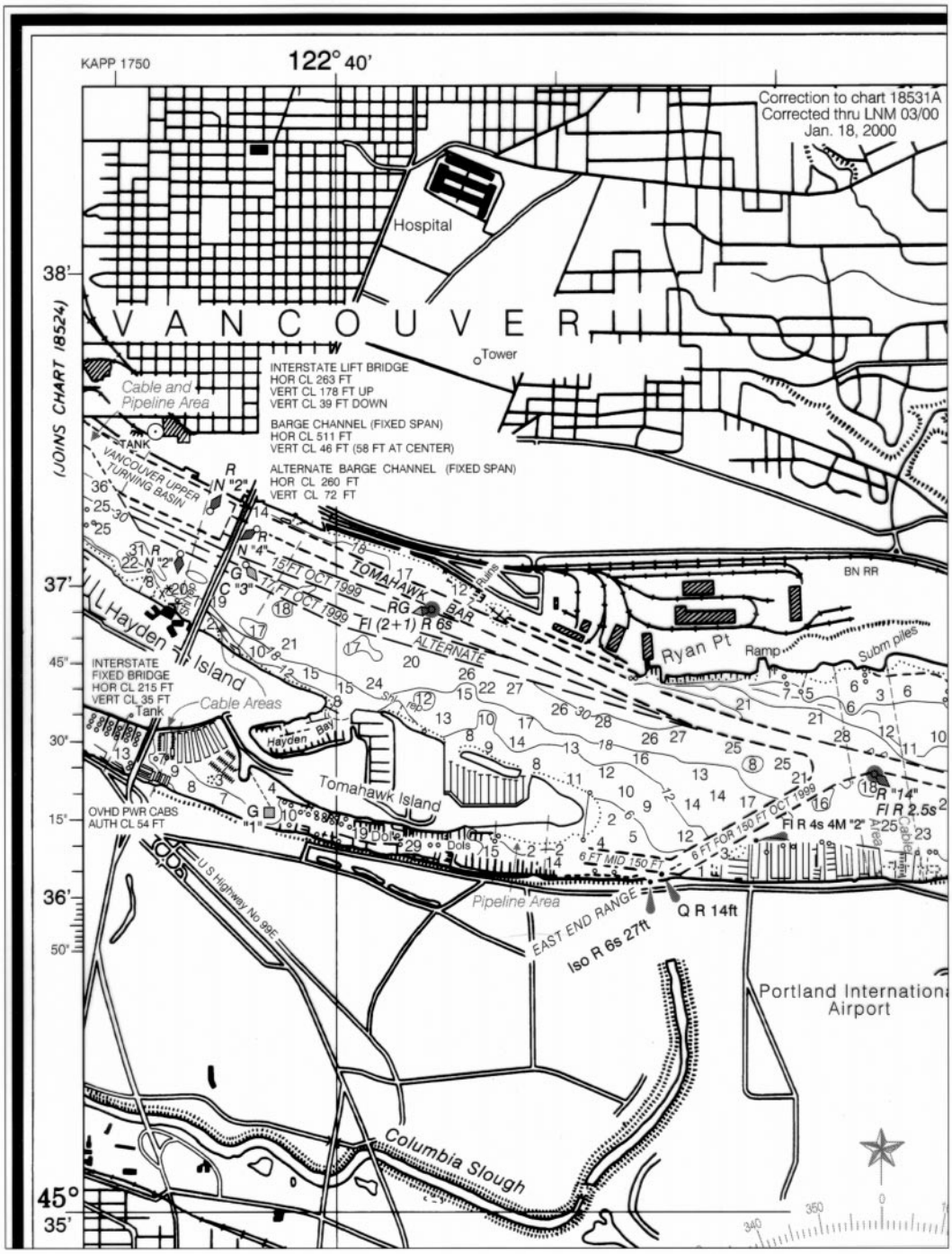


Chart 18531 (Side A) NM 12/00



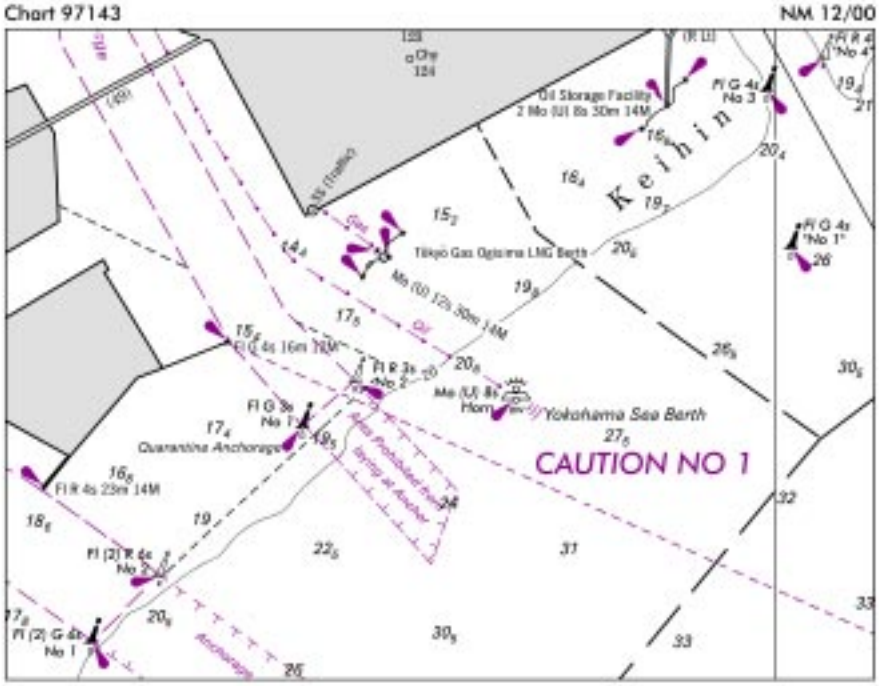
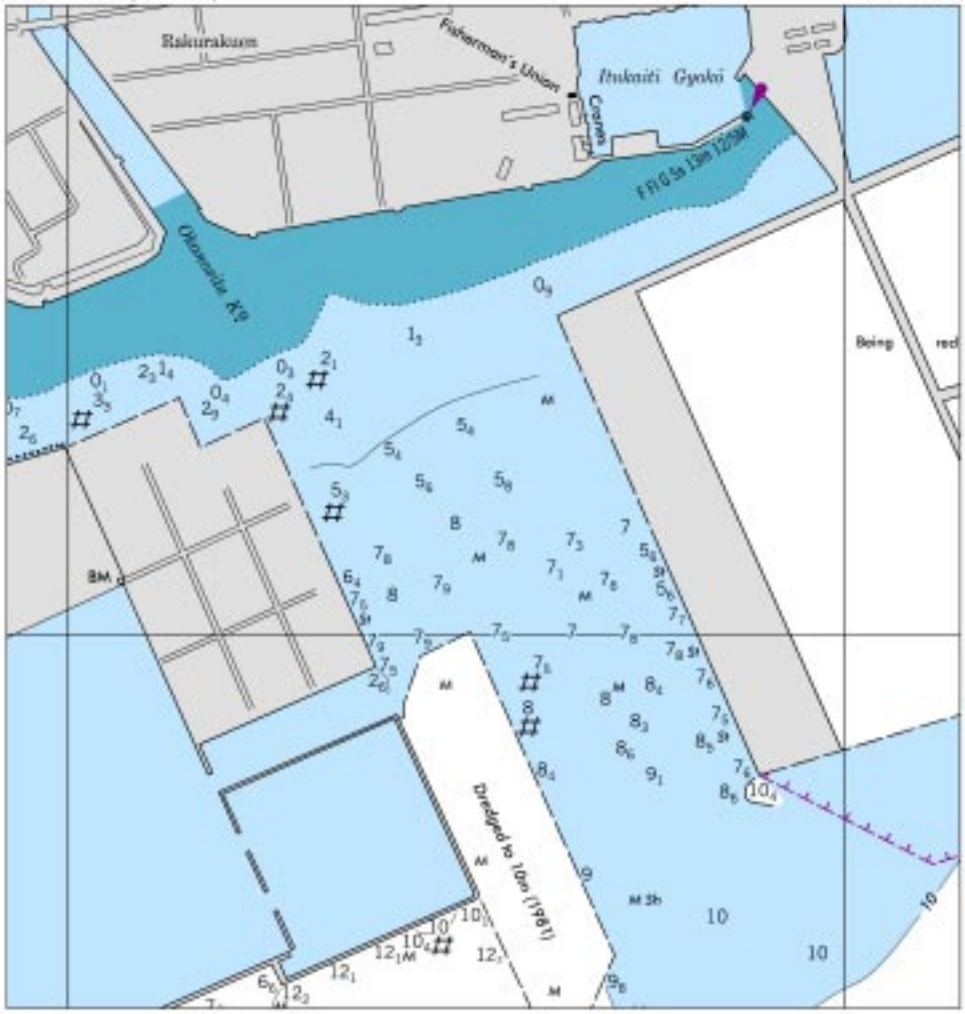


Chart 97143
NM 12/00
Keihin
Oil Storage Facility
2 Mo (U) 8s 30m 14M
Fl G 4s
No 3
Fl R 4
"No 4"
Fl G 4s
"No 1"
Tokyo Gas Ogishima LNG Berth
Mo (U) 12s 30m 14M
Gas
Oil
Fl G 4s 16m 14M
Fl R 3s
No 2
Mo (U) 8s
Horn
Yokohama Sea Berth
CAUTION NO 1
Fl G 3s
No 1
Quarantine Anchorage
Fl R 4s 23m 14M
Fl (2) R 4s
No 2
Fl (2) G 4s
No 1
Anchorage

Chart 97269 (Panel A) NM 12/00



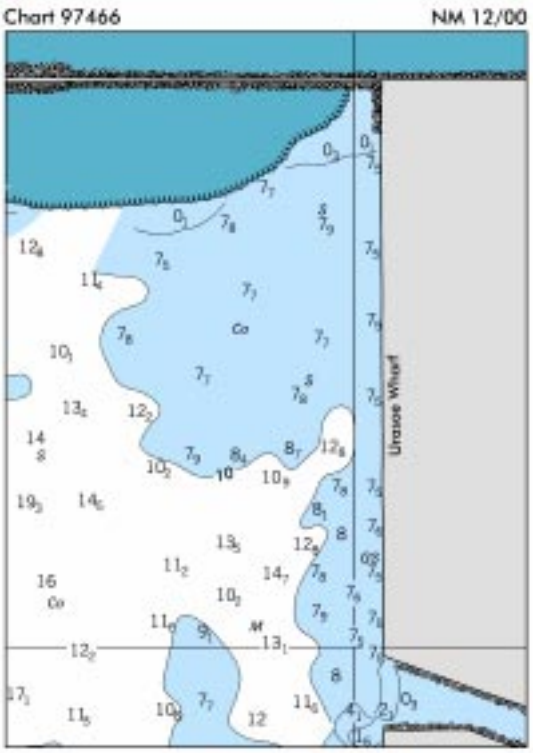


Chart 97466
NM 12/00
Urasoe Wharf

CHART 18587 NM 12/00

COOS BAY AND ISTHMUS SLOUGH CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 1999

CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE RANGE	40	40	39	9,10-99	---	1.9	47-37
ENTRANCE RANGE AND TURN	38	45	33	9-99	300-1050	0.6	37
INSIDE RANGE	33	39	34	9-99	300	0.6	37
COOS BAY RANGE	33	38	35	9-99	300	1.6	37
EMPIRE RANGE	36	37	37	9-99	300	1.3	37
LOWER JARVIS RANGE	38	37	36	9-99	300	0.8	37
JARVIS TURN	37	38	34	9-99	300	0.5	37
UPPER JARVIS RANGE	35	35	34	8,9;11-99	300	1.9	
NORTH BEND LOWER RANGE	37	38	37	11-99	400	0.7	37
NORTH BEND RANGE	38	38	37	5-99	400	0.9	37
NORTH BEND UPPER RANGE	36	37	36	5-99	400	0.6	37
LOWER TURNING BASIN	37	37	32	10-99	400-800	0.3	37
FERNDALE LOWER RANGE	36	37	37	11-99	400	0.4	37
FERNDALE TURN	35	39	37	11-99	400	0.2	37
FERNDALE UPPER RANGE	36	38	38	9,10,11-99	400	0.7	37
MARSHFIELD RANGE	38	38	37	9,10,11-99	400	0.4	37
MARSHFIELD RANGE TO ISTHMUS SLOUGH	38	38	36	10-99	150-750	0.9	37
ISTHMUS SLOUGH	19	20	19	4-85	150	2.0	22

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 97228 NM 12/00

CAUTIONS

1. Depths of up to 3 meters less than charted may exist in the area.
2. Depths of up to 1 meter less than charted may exist in the area.
3. Depths of up to 2 meters less than charted may exist in the area.
4. Depths of up to 4 meters less than charted may exist in the area.
5. Depths of up to 13 meters less than charted may exist in the area.