

# KSFO

San Francisco International

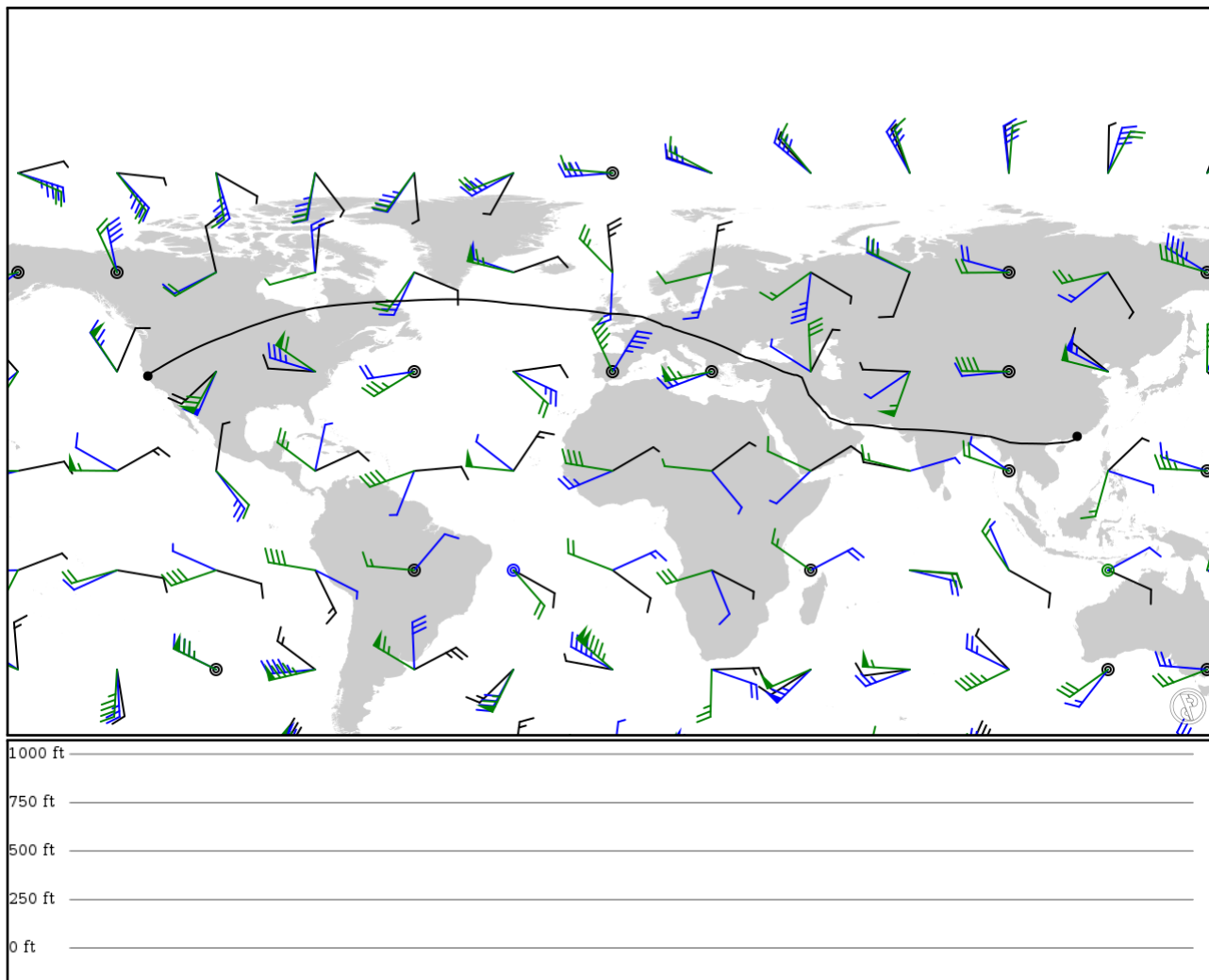
# VHHH

Hong Kong Intl

2024/05/29 0342Z

KSFO ORRCA FMG TWF MOT YRL CHARN 5600N07000W YDP CUDDY 5700N05000W 5700N04000W 5600N03000W  
5500N02000W VENER KOKIB LIFFY **UL975** WAL **M16** DOLAS **L603** LAMSO EVELI PODIP TESGA BOREP EXITI DEXIT  
PESAT TEGRI ARTAT **UP975** EZS **UG8** OTKEP **UM688** RATVO SISIN **UM688** SIDAD RABAP **M677** VUTEB IVURO **M677**  
LALDO **A791** LAKIV **N894** TELEM CEA **B465** CTG HHO **V13** TCL NAH SIKOU **V571** CANTO VHHH

11118.41 nm / 20591.30 km



## Notes

Requested: KSFO SNTNA2 ORRCA FMG TWF MOT YRL CHARN 5600N/07000W YDP CUDDY 5700N/05000W 5700N/04000W 5600N/03000W  
Unmatched points: SNTNA2 EGVAL SESRU GETI1G CANT3A

## Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KSFO	-	37.61850	0 ft	-	San Francisco International
APT	-	-122.37500	0 m		
ORRCA	-	38.44370	0 ft	63	-
FIX	-	-121.55200	0 m		
FMG	-	39.53130	0 ft	109	MUSTANG (RENO)
VOR	-	-119.65600	0 m		
TWF	-	42.47990	0 ft	293	TWIN FALLS
VOR	-	-114.48900	0 m		
MOT	-	48.26030	0 ft	654	MINOT
VOR	-	-101.28700	0 m		
YRL	-	51.07160	0 ft	337	RED LAKE
VOR	-	-93.76200	0 m		
CHARN	-	54.88970	0 ft	546	-
FIX	-	-80.00000	0 m		
5600N07000W	-	56.00000	0 ft	346	-
LATLON	-	-70.00000	0 m		
YDP	-	56.53380	0 ft	278	NAIN
NDB	-	-61.69180	0 m		
CUDDY	-	56.70000	0 ft	155	-
FIX	-	-57.00000	0 m		
5700N05000W	-	57.00000	0 ft	230	-
LATLON	-	-50.00000	0 m		
5700N04000W	-	57.00000	0 ft	326	-
LATLON	-	-40.00000	0 m		
5600N03000W	-	56.00000	0 ft	336	-
LATLON	-	-30.00000	0 m		
5500N02000W	-	55.00000	0 ft	345	-
LATLON	-	-20.00000	0 m		
VENER	-	54.50000	0 ft	175	-
FIX	-	-15.00000	0 m		
KOKIB	-	54.50000	0 ft	34	-
FIX	-	-14.00000	0 m		
LIFFY	-	53.48010	0 ft	306	-
FIX	-	-5.50000	0 m		
IDEXA	UL975	53.47060	0 ft	12	-
FIX	AWY-HI	-5.16417	0 m		
GINIS	UL975	53.46080	0 ft	10	-
FIX	AWY-HI	-4.85806	0 m		
NATKO	UL975	53.45330	0 ft	7	-
FIX	AWY-HI	-4.63528	0 m		
LYNAS	UL975	53.44250	0 ft	10	-
FIX	AWY-HI	-4.33333	0 m		
ROLEX	UL975	53.42830	0 ft	13	-
FIX	AWY-HI	-3.96778	0 m		
MALUD	UL975	53.41330	0 ft	12	-
FIX	AWY-HI	-3.60833	0 m		
WAL	UL975	53.39190	0 ft	17	WALLASEY
VOR	AWY-HI	-3.13446	0 m		
MCT	M16	53.35700	0 ft	31	MANCHESTER
VOR	AWY-HI	-2.26229	0 m		
XAPOS	M16	53.29140	0 ft	22	-
FIX	AWY-HI	-1.63083	0 m		
NAPEX	M16	53.20640	0 ft	28	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-0.86111	0 m		
DOLAS	M16	52.97860	0 ft 68	-	
FIX	AWY-HI	1.00083	0 m		
ENITO	L603	52.80140	0 ft 54	-	
FIX	AWY-HI	2.46750	0 m		
DIBAL	L603	52.79720	0 ft 1	-	
FIX	AWY-HI	2.50000	0 m		
BUKUT	L603	52.75830	0 ft 11	-	
FIX	AWY-HI	2.80056	0 m		
LAMSO	L603	52.73290	0 ft 7	-	
FIX	AWY-LO	2.99436	0 m		
EVELI	-	52.64040	0 ft 15	-	
FIX	-	3.38700	0 m		
PODIP	-	50.94270	0 ft 193	-	
FIX	-	7.81946	0 m		
TESGA	-	50.44490	0 ft 42	-	
FIX	-	8.61887	0 m		
BOREP	-	49.96580	0 ft 82	-	
FIX	-	10.62780	0 m		
EXITI	-	49.56250	0 ft 38	-	
FIX	-	11.40720	0 m		
DEXIT	-	48.76280	0 ft 102	-	
FIX	-	13.70920	0 m		
PESAT	-	47.71490	0 ft 147	-	
FIX	-	17.05320	0 m		
TEGRI	-	46.26280	0 ft 187	-	
FIX	-	21.10450	0 m		
ARTAT	-	42.36390	0 ft 434	-	
FIX	-	29.62420	0 m		
ERMUP	UP975	42.00060	0 ft 65	-	
FIX	AWY-HI	31.02280	0 m		
ROKVA	UP975	41.82920	0 ft 30	-	
FIX	AWY-HI	31.65720	0 m		
UNVUS	UP975	41.69500	0 ft 23	-	
FIX	AWY-HI	32.14140	0 m		
ASMOB	UP975	41.66940	0 ft 4	-	
FIX	AWY-HI	32.23280	0 m		
RELTU	UP975	41.64420	0 ft 4	-	
FIX	AWY-HI	32.32330	0 m		
APTOX	UP975	41.59310	0 ft 8	-	
FIX	AWY-HI	32.50420	0 m		
TEPKI	UP975	41.45330	0 ft 23	-	
FIX	AWY-HI	32.99280	0 m		
PIPUR	UP975	41.35110	0 ft 12	-	
FIX	AWY-HI	33.23890	0 m		
ORMAN	UP975	41.29190	0 ft 7	-	
FIX	AWY-HI	33.38590	0 m		
ERGUN	UP975	40.74640	0 ft 69	-	
FIX	AWY-HI	34.73890	0 m		
SIV	UP975	39.78970	0 ft 114	SIVAS	
VOR	AWY-HI	36.89340	0 m		
NUNTU	UP975	39.57970	0 ft 24	-	
FIX	AWY-HI	37.35970	0 m		
VEVEN	UP975	39.45280	0 ft 14	-	
FIX	AWY-HI	37.63830	0 m		
ARPUT	UP975	38.84220	0 ft 70	-	

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	38.94190	0 m		
EZS	UP975	38.70830	0 ft	15	ELAZIG
VOR	AWY-HI	39.22410	0 m		
SORAR	UG8	38.62420	0 ft	14	-
FIX	AWY-HI	39.51250	0 m		
TAMER	UG8	38.24060	0 ft	65	-
FIX	AWY-HI	40.81640	0 m		
ULSAB	UG8	38.14250	0 ft	15	-
FIX	AWY-HI	41.13140	0 m		
ABKAL	UG8	38.01940	0 ft	20	-
FIX	AWY-HI	41.53190	0 m		
SRT	UG8	37.91070	0 ft	17	SIIRT
VOR	AWY-HI	41.88200	0 m		
VAKUL	UG8	37.89420	0 ft	12	-
FIX	AWY-HI	42.14170	0 m		
OTKEP	UG8	37.85920	0 ft	24	-
FIX	AWY-HI	42.66000	0 m		
RATVO	UM688	37.24060	0 ft	71	-
FIX	AWY-HI	43.93440	0 m		
SISIN	-	32.83500	0 ft	278	-
FIX	-	45.68690	0 m		
PEBAD	UM688	30.83970	0 ft	151	-
FIX	AWY-HI	47.49940	0 m		
SIDAD	UM688	29.87530	0 ft	77	-
FIX	AWY-HI	48.49560	0 m		
RABAP	-	28.60700	0 ft	91	-
FIX	-	49.45610	0 m		
PASAK	M677	28.41660	0 ft	22	-
FIX	AWY-LO	49.81300	0 m		
GOGMA	M677	28.23920	0 ft	12	-
FIX	AWY-LO	49.93670	0 m		
IVIVI	M677	27.62610	0 ft	44	-
FIX	AWY-LO	50.41030	0 m		
VEDOR	M677	27.14860	0 ft	34	-
FIX	AWY-LO	50.77500	0 m		
TOSDA	M677	27.00140	0 ft	12	-
FIX	AWY-LO	50.94150	0 m		
TORBO	M677	26.87300	0 ft	14	-
FIX	AWY-LO	51.17340	0 m		
SOGAN	M677	26.65420	0 ft	41	-
FIX	AWY-LO	51.90220	0 m		
DEGSO	M677	26.18170	0 ft	81	-
FIX	AWY-LO	53.32940	0 m		
OBNET	M677	26.00890	0 ft	25	-
FIX	AWY-HI	53.75390	0 m		
LUDAM	M677	25.91890	0 ft	13	-
FIX	AWY-HI	53.98310	0 m		
ITBUL	M677	25.81940	0 ft	13	-
FIX	AWY-HI	54.20750	0 m		
GIRGU	M677	25.69750	0 ft	22	-
FIX	AWY-HI	54.59920	0 m		
VUTEB	M677	25.61250	0 ft	15	-
FIX	AWY-HI	54.86360	0 m		
IVURO	-	25.32780	0 ft	72	-
FIX	-	56.15420	0 m		
KUSEN	M677	25.30780	0 ft	13	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	56.39440	0 m		
LALDO	M677	25.30170	0 ft	11	-
FIX	AWY-HI	56.60000	0 m		
GIDIL	A791	25.29500	0 ft	12	-
FIX	AWY-HI	56.82290	0 m		
IMLOT	A791	25.28560	0 ft	16	-
FIX	AWY-HI	57.13440	0 m		
KATUS	A791	25.26670	0 ft	35	-
FIX	AWY-HI	57.78330	0 m		
PEDEX	A791	25.20310	0 ft	85	-
FIX	AWY-HI	59.35860	0 m		
KINOX	A791	25.16250	0 ft	43	-
FIX	AWY-HI	60.16170	0 m		
EGPIC	A791	25.13640	0 ft	25	-
FIX	AWY-HI	60.62500	0 m		
EGRON	A791	25.07890	0 ft	50	-
FIX	AWY-HI	61.54580	0 m		
JI	A791	25.06380	0 ft	13	JIWANI
VOR	AWY-HI	61.79540	0 m		
LAKIV	A791	24.52890	0 ft	168	-
FIX	AWY-HI	64.82890	0 m		
DALDA	N894	24.31640	0 ft	119	-
FIX	AWY-HI	66.99860	0 m		
TELEM	N894	24.11720	0 ft	97	-
FIX	AWY-HI	68.76670	0 m		
CEA	-	22.64520	0 ft	1087	KOLKATA VOR-DME
DME	-	88.45290	0 m		
SUMAG	B465	22.59420	0 ft	27	-
FIX	AWY-HI	88.94060	0 m		
DAKID	B465	22.30920	0 ft	136	-
FIX	AWY-HI	91.38060	0 m		
CTG	B465	22.25770	0 ft	25	CHATTOGRAM
VOR	AWY-HI	91.82750	0 m		
HHO	-	20.74800	0 ft	291	HEHO
VOR	-	96.78990	0 m		
MS	V13	20.51700	0 ft	139	MONG-HSAT
NDB	AWY-HI	99.25710	0 m		
TCL	V13	20.48360	0 ft	38	TACHILEIK
VOR	AWY-HI	99.93550	0 m		
NAH	-	20.38720	0 ft	347	NAMHA (HANOI)
VOR	-	106.11800	0 m		
SIKOU	-	20.84330	0 ft	303	-
FIX	-	111.50000	0 m		
GAMBA	V571	21.31890	0 ft	84	-
FIX	AWY-HI	112.92700	0 m		
MAPLE	V571	21.37410	0 ft	9	-
FIX	AWY-HI	113.09500	0 m		
COMBI	V571	21.49360	0 ft	21	-
FIX	AWY-HI	113.46200	0 m		
ROCCA	V571	21.53210	0 ft	7	-
FIX	AWY-HI	113.58100	0 m		
CANTO	V571	21.65070	0 ft	10	-
FIX	AWY-HI	113.70700	0 m		
VHHH	-	22.30890	0 ft	41	Hong Kong Intl
APT	-	113.91500	0 m		

## KSFO

Region: UNITED STATES  
Timezone: AMERICA/LOS\_ANGELES  
Runways: 4

Elevation: 13 ft / 4 m  
Location: 37.618500 -122.375000  
Magnetic Var: 12.838 E

## METAR

KSFO 290256Z 28021G27KT 10SM FEW030 FEW200 16/08 A3006 RMK A02 PK WND 29027/0256 SLP178 T01610083 56006

## TAF

KSFO 290236Z 2903/3006 27015KT P6SM FEW026 FEW200 FM290900 27015KT P6SM BKN015 FM291700 27012KT P6SM SCT015 FM292

## Frequencies

REC - 113.70 MHz - D-ATIS	REC - 115.80 MHz - D-ATIS
REC - 118.85 MHz - D-ATIS	COM - 122.95 MHz - UNICOM
CLD - 118.20 MHz -	GND - 121.80 MHz - SAN FRANCISCO GROUND
SAN FRANCISCO CLEARANCE DELIVERY	APP - 134.50 MHz - NORCAL APPROACH
TWR - 120.50 MHz - SAN FRANCISCO TOWER	APP - 128.57 MHz - NORCAL APPROACH
APP - 128.32 MHz - NORCAL APPROACH	DEP - 120.90 MHz - NORCAL DEPARTURE
APP - 133.95 MHz - NORCAL APPROACH	
DEP - 135.10 MHz - NORCAL DEPARTURE	

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10L	200 ft	11,859 ft	117.90	ASPHALT	0 ft	876 ft
	61 m	3,615 m	105.06		0 m	267 m
28R	200 ft	11,859 ft	297.92	ASPHALT	302 ft	318 ft
	61 m	3,615 m	285.08		92 m	97 m
10R	200 ft	11,371 ft	117.90	ASPHALT	0 ft	748 ft
	61 m	3,466 m	105.06		0 m	228 m
28L	200 ft	11,371 ft	297.92	ASPHALT	305 ft	322 ft
	61 m	3,466 m	285.08		93 m	98 m
01R	200 ft	8,665 ft	27.71	ASPHALT	564 ft	404 ft
	61 m	2,641 m	14.87		172 m	123 m
19L	200 ft	8,665 ft	207.72	ASPHALT	0 ft	443 ft
	61 m	2,641 m	194.88		0 m	135 m
01L	200 ft	7,664 ft	27.71	ASPHALT	643 ft	469 ft
	61 m	2,336 m	14.87		196 m	143 m
19R	200 ft	7,664 ft	207.72	ASPHALT	0 ft	446 ft
	61 m	2,336 m	194.88		0 m	136 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	DME	ISIA	108.90 MHz	18 nm	-	-	24 ft
				33 km	-		24 m
28L	DME	ISFO	109.55 MHz	18 nm	-	-	22 ft
				33 km	-		22 m
28R	DME	IGWQ	111.70 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28R	DME	IFNP	110.75 MHz	18 nm	-	-	13 ft
				33 km	-		13 m
19L	LOC-ILS	ISIA	108.90 MHz	18 nm	207.72	-	13 ft
				33 km	194.88		13 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
28L	LOC-ILS	ISFO	109.55 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
28R	LOC-ILS	IGWQ	111.70 MHz	18 nm	297.91	-	13 ft
				33 km	285.07		13 m
19L	GS	ISIA	108.90 MHz	10 nm	207.72	3.00	13 ft
				19 km	194.88		13 m
28L	GS	ISFO	109.55 MHz	10 nm	297.91	2.85	13 ft
				19 km	285.07		13 m
28R	GS	IGWQ	111.70 MHz	10 nm	297.91	3.00	13 ft
				19 km	285.07		13 m

## VHHH

Region: HONG KONG  
Timezone: UNKNOWN  
Runways: 2

Elevation: 27 ft / 8 m  
Location: 22.308900 113.915000  
Magnetic Var: 3.241 W

## METAR

VHHH 290330Z 08017KT 9999 FEW025 SCT035 27/18 Q1006 NOSIG

## TAF

TAF VHHH 290200Z 2903/3009 10015KT 9999 FEW020 SCT030 TX30/2906Z TX30/3006Z TN26/2922Z

## Frequencies

REC - 128.20 MHz - D-ATIS	REC - 127.05 MHz - D-ATIS
GND - 121.60 MHz - HONG KONG GROUND	GND - 122.55 MHz - HONG KONG GROUND
GND - 121.87 MHz - HONG KONG GROUND	TWR - 118.20 MHz - HONG KONG TOWER
TWR - 118.40 MHz - HONG KONG TOWER	TWR - 118.70 MHz - HONG KONG TOWER
CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY	CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY
DEP - 122.00 MHz - HONG KONG DEPARTURE	DEP - 123.80 MHz - HONG KONG DEPARTURE
DEP - 124.05 MHz - HONG KONG DEPARTURE	APP - 119.10 MHz - HONG KONG APPROACH
APP - 119.35 MHz - HONG KONG APPROACH	APP - 119.55 MHz - HONG KONG DIRECT

## Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
07L	197 ft	12,462 ft	70.77	ASPHALT	554 ft	974 ft
	60 m	3,799 m	74.01		169 m	297 m
25R	197 ft	12,462 ft	250.79	ASPHALT	571 ft	978 ft
	60 m	3,799 m	254.03		174 m	298 m
07R	197 ft	12,463 ft	70.79	ASPHALT	518 ft	886 ft
	60 m	3,799 m	74.03		158 m	270 m
25L	197 ft	12,463 ft	250.80	ASPHALT	0 ft	981 ft
	60 m	3,799 m	254.04		0 m	299 m

## Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07L	DME	IZSL	111.10 MHz	18 nm	-	-	18 ft
				33 km	-		18 m
07R	DME	ISR	109.30 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25L	DME	IFL	108.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
25R	DME	ITFR	110.90 MHz	18 nm	-	-	19 ft
				33 km	-		19 m
07L	LOC-ILS	IZSL	111.10 MHz	18 nm	70.78	-	27 ft
				33 km	74.02		27 m
07R	LOC-ILS	ISR	109.30 MHz	18 nm	70.79	-	27 ft
				33 km	74.03		27 m
25L	LOC-ILS	IFL	108.90 MHz	18 nm	250.79	-	27 ft
				33 km	254.03		27 m
25R	LOC-ILS	ITFR	110.90 MHz	18 nm	250.78	-	27 ft
				33 km	254.02		27 m
07L	GS	IZSL	111.10 MHz	10 nm	70.78	3.00	27 ft
				19 km	74.02		27 m



Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
07R	GS	ISR	109.30 MHz	10 nm	70.79	3.00	27 ft
				19 km	74.03		27 m
25L	GS	IFL	108.90 MHz	10 nm	250.79	3.00	27 ft
				19 km	254.03		27 m
25R	GS	ITFR	110.90 MHz	10 nm	250.78	3.00	27 ft
				19 km	254.02		27 m