

ATS FREQUENCIES HF

MIDDLE EAST

| | MID 1 | | | MID 2 | | | | | |
|-----------------|-------|---|---|-------|---|---|----------------------------------|---|---|
| USB | | | | | | | REGIONAL FREQUENCIES AND REMARKS | | |
| C CONTINUOUS | | | | | | | | | |
| D DAY | 2 | 5 | 8 | 1 | 3 | 5 | | 0 | 3 |
| N NIGHT | 9 | 6 | 9 | 3 | 4 | 6 | | 0 | 2 |
| R ON REQUEST | 9 | 6 | 1 | 1 | 6 | 5 | | 1 | 8 |
| S SERVICE HOURS | 2 | 7 | 8 | 2 | 7 | 8 | | 8 | 8 |
| ADEN | | | C | | C | | | 11300C 5100C 5115C 7595C | |
| BAGHDAD | C | C | C | | | | | | |
| BAHRAIN | C | C | C | C | | C | | C | |
| BAKU | | | | | | | | 8918C | |
| DELHI | | | | | C | C | C | C | |
| JEDDAH | | | | | | | | 2872C 5580C 5601C 8948C 8906 | |
| KABUL | | | | | | | | 5658C 11300C | |
| KARACHI | | | | | C | C | C | C | |
| KATHMANDU | | | | | | | | 2923C 5601C | |
| KUWAIT | C | C | C | C | | C | C | C | |
| LAHORE | | | | | C | C | C | | |
| MALE | | | | | | | | 5601C | |
| MUMBAI | | | | | C | C | C | C | |
| MUSCAT | | | | | | | | 11285C 3470C 5670C 13318C 17907C | |
| RIYAN | | | C | | | | | 4657C 3476C 3443C 4675C 5601C 5634C 6661C | |
| SANAA | | | | | | N | D | D | |
| TBILISI | | | | | | | | 8879C 10084C 3467C 5658C 11300C 13288C | |
| TEHERAN | | | C | C | C | | | 4712C | |
| YEVRAN | | | | | C | C | C | 6925C 8091C | |
| | | | | | | | | 4712D | |

FAR EAST

| | SEA 1/3 | | | SEA 2 | | | CWP 1/2 | | | | NP 1 | | | | SP 6/7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---------|---|---|-------|---|---|---------|---|---|---|------|---|---|---|--------|---|---|---|---|---|----------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--------------------|----------------------|------------|
| USB | | | | | | | | | | | | | | | | | | | | | REGIONAL FREQUENCIES AND REMARKS | | | | | | | | | | | | | | | | | | | | |
| C CONTINUOUS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D DAY | 3 | 5 | 6 | 0 | 1 | 1 | 1 | 1 | 3 | 7 | 3 | 5 | 8 | 1 | 3 | 2 | 3 | 4 | 6 | 6 | | 8 | 0 | 1 | 1 | 3 | 7 | 2 | 5 | 0 | 3 | 7 | 1 | 2 | 3 | 5 | 8 | 3 | 7 | | |
| N NIGHT | 4 | 6 | 5 | 0 | 2 | 3 | 3 | 9 | 4 | 6 | 9 | 3 | 3 | 9 | 4 | 6 | 5 | 6 | 5 | 9 | | 0 | 3 | 3 | 9 | 9 | 9 | 6 | 0 | 2 | 9 | 9 | 9 | 4 | 6 | 8 | 2 | 9 | | | |
| R ON REQUEST | 7 | 7 | 5 | 6 | 8 | 9 | 1 | 0 | 8 | 5 | 4 | 9 | 0 | 9 | 5 | 6 | 3 | 6 | 0 | 8 | | 8 | 0 | 0 | 3 | 2 | 4 | 7 | 4 | 2 | 6 | 4 | 6 | 6 | 6 | 0 | | | | | |
| S SERVICE HOURS | 0 | 0 | 6 | 6 | 5 | 6 | 8 | 7 | 5 | 5 | 2 | 6 | 9 | 8 | 5 | 6 | 2 | 2 | 3 | 1 | | 4 | 0 | 4 | 2 | 8 | 8 | 3 | 6 | 5 | 7 | 3 | 7 | 1 | 4 | | | | | | |
| CHENNAI | C | C | | | C | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2872C 6583C 6655C | |
| COLOMBO | C | C | | | C | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8861C 8909C 10036C | | |
| DHAKA | C | | C | C | | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8879C 13306C | | |
| HANOI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2947C 3491C | |
| HO CHI MINH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11297C | |
| HONG KONG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JAKARTA | C | | C | C | | | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3416C 5631C 6595C | |
| KATHMANDOU | | | D | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8957C 11309C 11366C | |
| KOLKATA | | | C | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2923D 5580C | |
| KINABALU | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2872C 2923S 2947C | |
| KUALA LUMPUR | C | C | C | | C | | C | C | | | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | | | | 3491C 5484S 5580C | |
| MALE | C | C | | | C | | C | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6536C 6583C 8861C | |
| MANILA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8906C 8948S | |
| MEDAN | C | C | | | C | C | C | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6825C | |
| PYONGYANG | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5664 10039 |
| SANYA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5649N | |
| SEOUL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3004C 13303C 4687C | |
| SINGAPORE | | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10072C 13333C 17916C | |
| TAIPEI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11297C | |
| TOKIO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6655C 8951C 11330C | |
| TRIVANDRUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17946C 21925C 5667C | |
| UJUNG PADANG | C | | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8918C 11309C 2956C | | |
| VIENTIANE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5550C 6544C | |
| YANGON | C | | C | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2945C 5226C 6589C | | |

PEOPLE'S REPUBLIC OF CHINA

| | EA 1 | | |
|-----------------|------|---|---------------------------------------|
| USB | | | REGIONAL FREQUENCIES AND REMARKS |
| C CONTINUOUS | | | |
| D DAY | 3 | 8 | |
| N NIGHT | 0 | 8 | |
| R ON REQUEST | 1 | 9 | |
| S SERVICE HOURS | 6 | 7 | |
| BAIHUA | | | 10066D 6556C 3491N |
| BEIJING | N | D | 6571C |
| CHANGSHA | N | D | 6571C |
| CHENGDU | N | D | 6571C |
| DALIAN | N | D | 6571C |
| GUANGZHOU | | | 10066D 6556C 3491N |
| GUIYANG | | | 10066D 6556C 3491N |
| GUILIN | | | 10066D 6556C 3491N |
| HAILAR | N | D | 6571C |
| HARBIN | N | D | 6571C |
| HEFEI | N | D | 6571S |
| HONG KONG | | | 11396C |
| JINAN | N | D | 6571S |
| KUNMING | | | 10066D 6556C 3491N |
| LANZHOU | N | D | 6571C |
| NANCHANG | N | D | 6571C |
| NANNING | | | 10066D 6556C 3491N |
| QINGDAO | N | D | 6571C |
| SANYA | | | 3485N 5649N 8942D 11396D 13309C 5655C |
| SHANGHAI | N | D | 6571S |
| SHENYANG | N | D | 6571S |
| TAIYUAN | N | D | 6571S |
| URUMQI | | | 10018D 5658D 3467N |
| WUHAN | N | D | 6571S |
| XIAMEN | N | D | 6571C |
| XIAN | N | D | 6571C |
| ZHENGZHOU | N | D | 6571C |

INDIAN OCEAN

| | INO 1 | | | | | |
|-----------------|-------|---|---|---|---|----------------------------------|
| USB | | | | | | REGIONAL FREQUENCIES AND REMARKS |
| C CONTINUOUS | | | | | | |
| D DAY | 3 | 5 | 8 | 3 | 7 | |
| N NIGHT | 4 | 6 | 8 | 3 | 9 | |
| R ON REQUEST | 7 | 3 | 7 | 0 | 6 | |
| S SERVICE HOURS | 6 | 4 | 9 | 6 | 1 | |
| BRISBANE | C | C | C | C | C | |
| COLOMBO | | | | | | |
| JOHANNESBOURG | C | C | C | C | C | |
| MALE | | | | | | |
| MUMBAI | C | C | C | | | |

WEATHER BROADCAST HF

LIST ARRANGED PER AERODROME

| WEATHER FOR | BCST TIME | HOURS GMT | FREQ | BROADCAST BY | WEATHER FOR | BCST TIME | HOURS GMT | FREQ | BROADCAST BY | WEATHER FOR | BCST TIME | HOURS GMT | FREQ | BROADCAST BY |
|-------------|----------------|-------------------------------------|--|------------------------|----------------|-----------|------------------------|-------------------------------|--------------|--------------|-----------|------------------------|-------------------------------|--------------|
| AHMEDABAD | 25-55 | | 2965 6676 11387 | MUMBAI | HONG KONG | 15-45 | | 6679 8828 13282 | HONG KONG | OSAKA | 10-40 | | 2863 6679 8828 13282 | TOKYO |
| BANDAR SERI | 20-50 | 1230-2230 2230-1230 | 6676 11387 | SINGAPORE | HUALIEN | 7 | | 2880 5010 12400 | TAIWAN | PENANG | 20-50 | 1230-2230 2230-1230 | 6676 11387 | BANGKOK |
| BANGKOK | 10-40 | | 2965 6676 11387 | BANGKOK | ISLAMABAD | 15-45 | 1500-0130 | 2965 6676 11387 | KARACHI | SAPORO | 10-40 | | 2863 6679 8828 13282 | TOKYO |
| BEIJING | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING | JAKARTA | 20-50 | 1230-2230 2230-1230 | 6676 11387 | SINGAPORE | SEOUL | 10-40 | | 2863 6679 8828 13282 | TOKYO |
| CHENGDU | 10-40 | 0000-0800 0800-2400 | 13825 8849 5673 3458 | GUANGZHOU | KAOHSIUNG | 15-45 | | 6679 8828 13282 | HONG KONG | SHANGHAI | 20-50 | 0000-1600 | 13825 8849 5673 3458 | BEIJING |
| CHENNAI | 25-55 | 1300-0300 0300-1300 | 2965 6676 11387 | MUMBAI | KARACHI | 25-55 | 1300-0300 | 2965 6676 11387 | MUMBAI | SHENYANG | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING |
| CHIANG MAI | 10-40 | | 2965 6676 11387 | BANGKOK | | 15-45 | 0300-1300 1500-0130 | 2965 6676 11387 | KARACHI | SINGAPORE | 20-50 | 1230-2230 2230-1230 | 6676 11387 | SINGAPORE |
| CHIAYI | 7 | | 2880 5010 12400 | TAIWAN | KATHMANDU | 05-35 | 1300-0300 | 2965 6676 11387 | KOLKATA | TAICHUNG | 7 | | 2880 5010 12400 | TAIWAN |
| COLOMBO | 25-55 | 1300-0300 0300-1300 | 2965 6676 11387 | MUMBAI | KOTA KINABALU | 20-50 | 1230-2230 2230-1230 | 6676 11387 | SINGAPORE | TAINAN | 7 | | 2880 5010 12400 | TAIWAN |
| DALIAN | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING | KUALA LUMPUR | 10-40 | | 2965 6676 11387 | BANGKOK | TAIPEI | 15-45 | | 6679 8828 13282 | HONG KONG |
| DELHI | 05-35 | 1300-0300 0300-1300 1500-0130 | 2965 6676 11387 2965 6676 11387 | KOLKATA KARACHI | KUALA LUMPUR S | 20-50 | 1230-2230 2230-1230 | 6676 11387 | SINGAPORE | | 7 | | 2880 5010 12400 | TAIWAN |
| DENPASAR | 20-50 | 1230-2230 2230-1230 | 6676 11387 | SINGAPORE | KUNMING | 10-40 | 0000-0800 0800-2400 | 13825 8849 5673 3458 | GUANGZHOU | TAITUNG | 7 | | 2880 5010 12400 | TAIWAN |
| DHAKA | 05-35 10-40 | 1300-0300 0300-1300 | 2965 6676 11387 2965 6676 11387 | KOLKATA BANGKOK | LAHORE | 15-45 | 1500-0130 0130-1500 | 2965 6676 11387 | KARACHI | TAIYUAN | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING |
| FUKUOKA | 10-40 | | 2863 6679 8828 13282 | TOKYO | LANZHOU | 25-55 | 0000-1600 | 13825 8849 5673 3458 | BEIJING | TIANJIN | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING |
| GUANGZHOU | 05-35 15-45 | 0000-0800 0800-2400 | 13825 8849 5673 3458 6679 8828 13282 | GUANGZHOU HONG KONG | LAPU LAPU | 15-45 | | 6679 8828 13282 | HONG KONG | TOKYO HANEDA | 10-40 | | 2863 6679 8828 13282 | TOKYO |
| HANGZHOU | 20-50 | 0000-1600 | 13825 8849 5673 3458 | BEIJING | MAKUNG | 7 | | 2880 5010 12400 | TAIWAN | TOKYO NARITA | 10-40 | | 2863 6679 8828 13282 | TOKYO |
| HANOI | 10-40 | | 2965 6676 11387 | BANGKOK | MALE | 25-55 | 1300-0300 0300-1300 | 2965 6676 11387 | MUMBAI | URUMQI | 20-55 | 0000-1600 | 13825 8849 5673 3458 | BEIJING |
| HARBIN | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING | MANILA | 15-45 | | 6679 8828 13282 | HONG KONG | U-TAPHAO | 10-40 | | 2965 6676 11387 | BANGKOK |
| HENGCHUN | 7 | | 2880 5010 12400 | TAIWAN | MUMBAI | 25-55 | 1300-0300 | 2965 6676 11387 | MUMBAI | WUHAN | 10-40 | 0000-0800 | 13825 8849 5673 3458 | GUANGZHOU |
| HO CHI MINH | 05-35 | 1300-0300 0300-1300 | 2965 6676 11387 | KOLKATA | | 15-45 | 1500-0130 | 2965 6676 11387 | KARACHI | | | 0800-2400 | 13825 8849 5673 3458 | GUANGZHOU |
| HOHHOT | 15-45 | 0000-1600 | 13825 8849 5673 3458 | BEIJING | NAGOYA | 10-40 | | 2863 6679 8828 13282 | TOKYO | XIAMEN | 00-30 | 0000-0800 | 13825 8849 5673 3458 | GUANGZHOU |
| | | | | | NAHA | 15-45 | | 6679 8828 13282 | HONG KONG | XIAN | 20-55 | 0000-1600 | 13825 8849 5673 3458 | BEIJING |
| | | | | | NANNING | 05-35 | 0000-0800 | 13825 8849 5673 3458 | GUANGZHOU | YANGON | 10-40 | | 2965 6676 11387 | BANGKOK |
| | | | | | NAWABSHAH | 15-45 | 1500-0130 0130-1500 | 2965 6676 11387 | KARACHI | | | 1300-0300 0300-1300 | 2965 6676 11387 | KOLKATA |

WEATHER BROADCAST HF

LIST ARRANGED PER BROADCAST STATION

| BROADCAST BY | FREQ | HOURS GMT | WEATHER FOR | BROADCAST BY | FREQ | HOURS GMT | WEATHER FOR |
|--------------|-------------------------------|------------------------|--|--------------|-------------------------------|------------------------|--|
| BANGKOK | 2965 6676 11387 | | BANGKOK, DHAKA, YANGON, HANOIKUALA LUMPUR, CHIANG, MAI, U-TAPHAO, PHUKET | KOLKATA | 2965 6676 11387 | 1300-0300 0300-1300 | KOLKATA, DELHI, DHAKA, YANGON KATHMANDU, HO CHI MING |
| BEIJING | 13825 8849 5673 3458 | 0000-1600 | BEIJING, DALIAN, HARBIN, HOHNOT, SHENYANG TAIYUAN, TIANJIN, SHANGHAI, HANGZHOU, XIAN LANZHOU, URUMQI | MUMBAI | 2965 6676 11387 | 1300-0300 1300-1300 | MUMBAI, COLOMBO, CHENNAI, KARACHI MALE, AHMEDABAD |
| GUANGZHOU | 13825 8849 5673 3458 | 0000-0800 0800-2400 | SANYA, XIAMEN, GUANGZHOU, NANNING CHENGDU, CHANGSHA, KUNMING, WUHAN | SINGAPORE | 6676 11387 | 1230-2230 2230-1230 | SINGAPORE, KUALA LUMPUR, JAKARTA, KUCHING BANDAR, KOTA KINABALU, DENPASAR, PENANG |
| HONG KONG | 6679 8828 13282 | | HONG KONG, GUANGZHOU, NAHA, TAIPEI KAOHSIUNG, MANILA, LAPU | TAIWAN | 2880 5010 12400 | | CHIAVI, HENGCHUN, HUALIEN, KAOHSIUNG MAKUNG, TAICHUNG, TAINAN, TAIPEI, TAITUNG |
| KARACHI | 2965 6676 11387 | 15-0130 0130-1500 | KARACHI, NAWABSHAH, LAHORE ISLAMABAD, DELHI, MUMBAI, SINGAPORE | TOKYO | 2863 6679 8828 13282 | | TOKYO, OSAKA, NAGOYA, SEOUL, SAPPORO FUKOKA |

COMPANY HF/SSB LONG RANGE COMMUNICATIONS

| AZ-SN BERNA | IB IBERIA OPS MADRID | AF-SN STOCKHOLM | SN OSTEND RADIO | ARINC PACIFIC GUAM |
|----------------|----------------------------|--------------------|-----------------------|--------------------------|
| 4654 C | 5529 19-07 | 3494 N | 5529N | 3494C |
| 6643 C | 10027 C | 5541 C | 13351 | 6640C |
| 10069 C | 13327 07-19 | 8930 C | 17940 | 8933C |
| 13205 C | 17940 C | 11345 C | 23692 | 11342C |
| 18023 C | | 13342 C | | 13348C |
| 21988 04-22 | | 17916 C | | 17925C |
| 23285 04-22 | | 23210 D | | 21964C |
| 3010 | | | | |
| 8936 | | | | |
| 15046 | | | | |
| 25500 | | | | |