

H. Loran-C Transmitting Station Compliance Requirements

All U.S. and Canadian controlled Loran-C chains must meet the following Specifications:

- Pulse Leading Edge (Chapter 2A1)
- Group Repetition Interval (Chapter 2B1)
- Timing of Master Pulse Group (Chapter 2B2)
- Timing of Secondary Pulse Groups (Chapter 2B3)
- Pulse Group Phase Coding (Chapter 2B4)
- Blink (Chapter 2C)
- Dual Rate Blanking (Chapter 2E)
- Signal Availability (Chapter 2F)
- Spectrum (Chapter 2G)

Due to differing equipment capabilities and local idiosyncrasies, the following specifications allow for Category 1 or Category 2 compliance:

- Pulse Trailing Edge (Chapter 2A2)
- Pulse Zero Crossings (Chapter 2A3)
- Uniformity of Pulses (Chapter 2B5)

Table 8 is a station-by-station listing of the compliance requirements for these particular specifications.

			Compliance Requirements Categories				
Station	(Ant) XMTR	Rate	Pulse Trailing Edge (2.A.2)	Pulse Zero Crossings (2.A.3)	Uniformity of Pulses (2.B.5)		
					Amplitude (2.B.5.a)	ECD (2.B.5.b)	Timing (2.B.5.c)
ST PAUL, AK	(625) 42/44**	9990	2	2/1	2/1	2/1	2/1
ATTU, AK	(625) 44	9990/5980	2	1	1	1	1
PORT CLARENCE, AK (1350)	42/44**	9990/7980	1	2/1	2/1	2/1	2/1
KODIAK, AK	(625) 44	9990/7980	2	2	1	2	1
TOK, AK	(SLT) 44	7980	1	1	1	1	1
SHOAL COVE, AK	(SLT) 44	7980/5990	1	1	1	1	1
WILLIAMS LAKE, BC	(625) 44	5990/8290	2	1	1	1	1
GEORGE, WA	(SLT) 45	5990/9940	1	1	1	2	1
PORT HARDY, BC	(625) 64	5990	1	1	1	1	1
FALLON, NV	(625) 44	9940	2	1	1	1	1
MIDDLETOWN, CA	(625) 44	9940	2	1	1	1	1
SEARCHLIGHT, NV	(SLT) 44	9940/9810	1	1	1	1	1
MALONE, FL	(700) 64	8970/7980	1	1	1	1	1
GRANGEVILLE, LA	(700) 64	7980/9810	1	1	1	1	1
RAYMONDVILLE, TX	(700) 64	7980/9810	1	1	1	1	1
JUPITER, FL	(625) 64	7980	1	1	1	1	1
CAROLINA BEACH, NC	(TIP) 64	9960/7980	1	1	1	1	1
SENECA, NY	(700) 64	9960/8970	1	1	1	1	1
CARIBOU, ME	(SLT) 64	9960/5930	1	1	1	1	1
NANTUCKET, MA	(625) 64	9960/5930	1	1	1	1	1
DANA, IN	(625) 44	9960/8970	2	2	1	2	1
BAUDETTE, MN	(720) 64	8970/8290	1	1	1	1	1
CAPE RACE, NFLND	(850) 64	5930/7270	1	1	1	1	1
FOX HARBOUR, LABR	(700) 64	5930/7270	2	1	1	1	1
BOISE CITY, OK	(700) 64	8970/9810	1	1	1	1	1
GILLETTE, WY	(700) 64	8290/9810	1	1	1	1	1
LAS CRUCES, NM	(700) 64	9810	1	1	1	1	1
HAVRE, MT	(700) 64	8290	1	1	1	1	1
COMFORT COVE, NFLND*	(625) 64	7270	1	1	1	1	1

* Station under development

** Station scheduled for transmitter upgrade

TABLE 8 STATION COMPLIANCE REQUIREMENTS. THE CITATION IN TABLE HEADINGS REFERS TO PARAGRAPHS IN THE TEXT WHERE THE SPECIFIC COMPLIANCE REQUIREMENTS ARE DEFINED.