

Few words about

This scenery is an imitation of LORAN transmitters, HF stations and Weather ships which were widely used for navigation for many years in last century.

It is based on default NDB-beacons and does not work as real hyperbolic navigation systems. All you have to do is tune your ADF-reciever to desired frequency.

Limitations

It is the first version of scenery with NDB range limited (130 – 150 NM) due to limitations of Prepar3d and FSX. I'm looking for the ways how to solve this proplem.

Plans

Version 1.2 will include visual objects: ship models, LORAN and HF antennas.

LORAN, HF Stations and Weather Ships scenery v. 1.0

How to install:

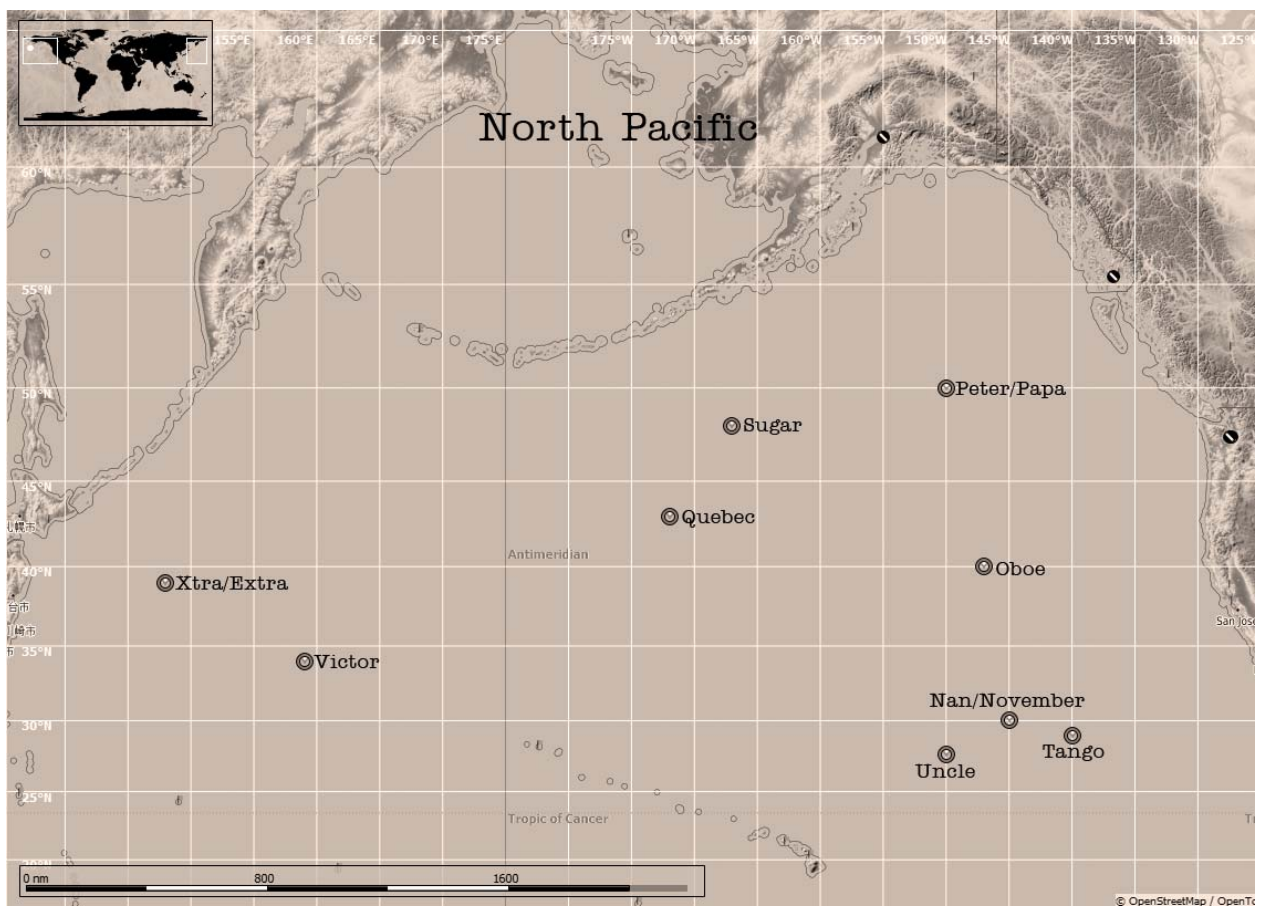
- 1) unzip the archive to %YOUR SIM FOLDER%\Addon Scenery
- 2) Add Area in your P3D -> Scenery (or refer to [FULL Installation Guide.pdf](#))



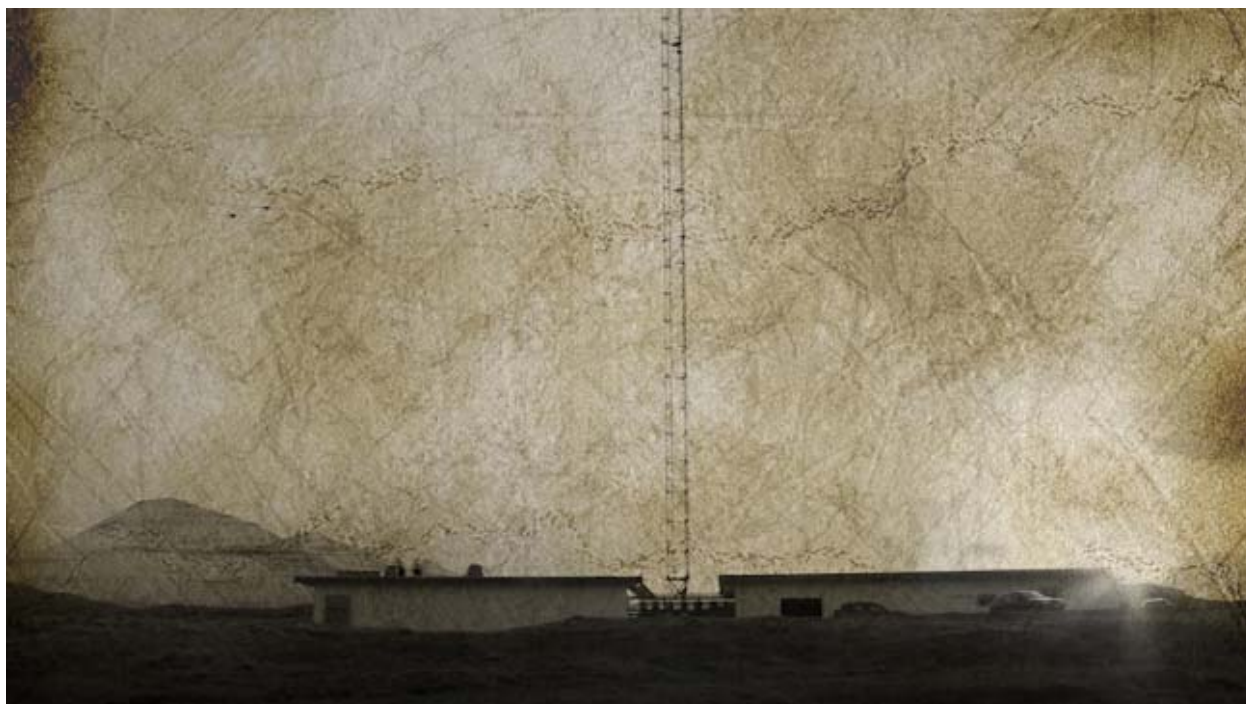
Weatherships



ATLANTIC				
Name	Frq, kHz	Lat	Lon	Morse Ident
Able/Alpha	348,00	62,00	-33,00	WSALP
Baker/Bravo	350,00	56,30	-51,00	WSBRA
Charlie	351,00	52,45	-35,30	WSCHA
Dog/Delta	353,00	44,00	-41,00	WSDEL
Easy/Echo	355,00	35,00	-48,00	WSECH
Fox	356,00	35,00	-40,00	WSFOX
George	358,00	46,00	-29,00	WSGEO
Hotel	360,00	38,00	-71,00	WSHOT
India	362,00	59,00	-19,00	WSIND
Juliet/Juliett	363,00	52,30	-20,00	WSJUL
Kilo	365,00	45,00	-16,00	WSKIL
Lima	366,00	57,00	-20,00	WSLIM
Mike	368,00	66,00	2,00	WSMIK
Romeo	374,00	47,00	-17,00	WSROM
PACIFIC				
Name	Frq, kHz	Lat	Lon	Morse Ident
Nan/November	369,00	30,00	-140,00	WSNOV
Oboe	371,00	40,00	-142,00	WSOBO
Peter/Papa	372,00	50,00	-145,00	WSPAP
Quebec	373,00	43,00	-167,00	WSQUE
Sugar	377,00	48,00	-162,00	WSSUG
Tango	378,00	29,00	-135,00	WSTAN
Uncle	381,00	27,40	-145,00	WSUNC
Victor	382,00	34,00	164,00	WSVIC
Xtra	384,00	39,00	153,00	WSEXT
	Decimal coordinates			



HF stations and LORAN transmitters



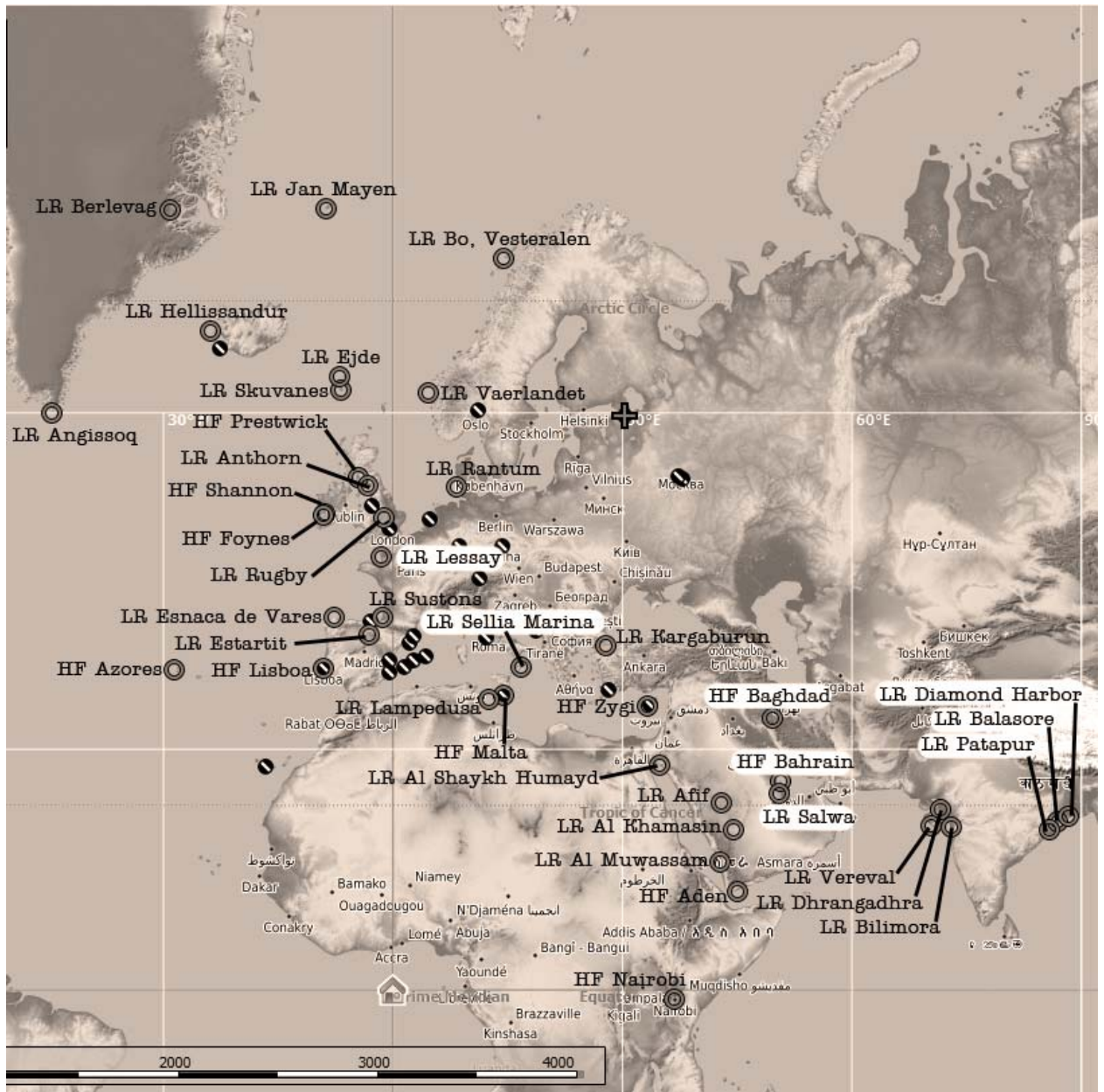
Name	Frq. kHz	Lat	Lon	Morse Ident
HF Bermuda	403,00	32,36439896	-64,69039917	HFBRM
HF Prestwick	408,00	55,51739883	-4,58659983	HFPWK
HF Shannon	390,00	52,70209885	-8,91810036	HFSHN
HF Foynes	393,00	52,61309814	-9,1093998	HFYYS
HF Gander	396,00	48,9510994	-54,52510071	HFGDR
HF New York	399,00	40,78369904	-73,86849976	HFNYK
HF Lisboa	401,00	38,76390076	-9,1388998	HFLSB
HF Azores	389,00	38,5196991	-28,6201992	HFAZR
HF Alameda	405,00	37,78329849	-122,3167038	HFALM
HF Anchorage	413,00	61,15679932	-150,0406952	HFANC
HF Honolulu	406,00	21,29190063	-157,8609009	HFHNL
HF Midway	409,00	28,21610069	-177,3766022	HFMDW
HF Wake Island	412,00	19,27589989	166,6448975	HFWAK
HF Guam	415,00	13,47819996	144,7940064	HFGUA
HF Manila	411,00	14,50769997	121,0236969	HFMNL
HF Zygi	349,00	34,73490143	33,33670044	HFZYG
HF Aden	352,00	12,83329964	45,03329849	HFADN
HF Nairobi	354,00	-1,28330004	36,84999847	HFNRB
HF Malta	357,00	35,84999847	14,48330021	HFMLT
HF Bahrain	359,00	33,38330078	49,56669998	HFBHD
HF Baghdad	361,00	26,26689911	50,63100052	HFBHR
LORAN Bonavista	410,00	48,70098114	-53,08583069	LRBVS
LORAN Battle Harbor	407,00	52,24890137	-55,60889816	LRBHB
LORAN Skuvanes	402,00	61,45000076	-6,81669998	LRSKU
LORAN Yap	584,00	9,54570007	138,1647949	LRYAP

LORAN Xuancheng	583,00	31,06889915	118,8856964	LRXUA
LORAN Williams Lake	582,00	51,96630096	-122,3669968	LRWIL
LORAN Veraval	581,00	20,95249939	70,33650208	LRVER
LORAN Vaerlandet	580,00	61,29700089	4,69640017	LRVAE
LORAN Upolo Point	579,00	20,24749947	-155,8845062	LRUPO
LORAN Tokachibuto	578,00	42,74359894	143,7194977	LRTIB
LORAN Tok	577,00	63,32849884	-142,8087006	LRTOK
LORAN Soustons	576,00	43,73970032	-1,38039994	LRSOU
LORAN Shoal Cove	575,00	55,43909836	-131,2552948	LRSHC
LORAN Seneca	574,00	42,7140007	-76,82589722	LRSEN
LORAN Sellia Marina	573,00	38,87239838	16,71839905	LRSEM
LORAN Searchlight	572,00	35,32170105	-114,8046036	LRLST
LORAN Salwa	571,00	24,83370018	50,57009888	LRSWA
LORAN Saint Paul	570,00	57,15998459	-170,2331848	LRSTP
LORAN Rugby	569,00	52,36600113	-1,19089997	LRRBY
LORAN Rongcheng	568,00	37,06430054	122,3237991	LRRCH
LORAN Raoping	567,00	23,72380066	116,8956986	LRRAO
LORAN Raymondville	566,00	26,53190041	-97,83319855	LRRAY
LORAN Rantum	565,00	54,80830002	8,29349995	LRRNT
LORAN Port Hardy	564,00	50,60820007	-127,3579025	LRPHD
LORAN Port Clarence	563,00	65,24449921	-166,8865967	LRPCL
LORAN Pohang	562,00	36,18479919	129,3408966	LRPOH
LORAN Patapur	561,00	20,44729996	85,82740021	LRPPR
LORAN Niijima	560,00	34,40330124	139,2720032	LRNJM
LORAN Narrow Cape	559,00	57,43899918	-152,3695068	LRNCA
LORAN Nantucket	558,00	41,2533989	-69,97740173	LRNAN
LORAN Minami-Torishima	557,00	24,28569984	153,9810944	LRMIT
LORAN Middletown	556,00	38,78250122	-122,4954987	LRMDT
LORAN Malone	555,00	30,99410057	-85,16899872	LRMLN
LORAN Lessay	554,00	49,14860153	-1,50469995	LRLSS
LORAN Las Cruces	553,00	32,07160187	-106,8677979	LRLCR
LORAN Lampedusa	552,00	35,52280045	12,52519989	LRLPS
LORAN Kwan Ju	551,00	35,03990173	126,540802	LRKWJ
LORAN Kargaburun	550,00	40,97230148	27,86709976	LRKBR
LORAN Jupiter	549,00	27,03289986	-80,11460114	LRJUP
LORAN Johnston Island	548,00	16,74550056	-169,5084992	LRJIS
LORAN Jan Mayen	547,00	70,91419983	-8,7322998	LRMAY
LORAN Iwo Jima	546,00	24,80719948	141,326294	LRIJI
LORAN Hexian	545,00	23,96750069	111,7192993	LRHEX
LORAN Helong	544,00	42,71969986	129,1074982	LRHEL
LORAN Hellissandur	543,00	64,90409851	-23,91320038	LRHUR
LORAN Havre	542,00	48,74399948	-109,9813995	LRHVE
LORAN Gillette	540,00	44,00310135	-105,6232987	LRGLT
LORAN Grangeville	541,00	30,72590065	-90,06150055	LRGGE
LORAN Gesashi	539,00	26,60689926	128,1490936	LRGSH
LORAN George	538,00	47,06330109	-119,7441025	LRGRG
LORAN Fox Harbour	537,00	52,37639999	-55,707901	LRFOX
LORAN Fallon	536,00	39,55179977	-118,8320999	LRFLL
LORAN Estartit	535,00	42,06010056	-3,20440006	LREIT
LORAN Estaca de Vares	534,00	43,78630066	-7,6789999	LREST
LORAN Ejde	533,00	62,29990005	-7,07377005	LREJD
LORAN Diamond Harbor	532,00	22,17230034	88,20429993	LRDHR
LORAN Dhrangadhra	531,00	23,00449944	71,52709961	LRDHG
LORAN Dana	530,00	39,85210037	-87,48629761	LRDAN

LORAN Comfort Cove	529,00	49,33150101	-54,86199951	LRCOM
LORAN Chongzuo	528,00	22,54319954	107,2219009	LRCHG
LORAN Carolina Beach	527,00	34,06280136	-77,91280365	LRCBH
LORAN Caribou	526,00	46,80749893	-67,92690277	LRCBU
LORAN Cape Race	525,00	46,77569962	-53,17459869	LRCAR
LORAN Cambridge Bay	524,00	69,11460114	-105,0155029	LRCBB
LORAN Bo Vesteralen	523,00	68,63500214	14,46310043	LRVES
LORAN Boise City	522,00	36,50569916	-102,8998032	LRBCI
LORAN Bilimora	521,00	20,76160049	73,03730011	LRBLM
LORAN Berlevag	520,00	70,84519958	-29,20439911	LRBRV
LORAN Baudette	519,00	48,61380005	-94,55490112	LRBAU
LORAN Barrigada	518,00	13,46389961	144,8258972	LRBGD
LORAN Balasore	517,00	21,48629951	86,91929626	LRBLS
LORAN Attu Island	516,00	52,8288002	173,1804047	LRATI
LORAN Ash Shaykh Humayd	515,00	28,15439987	34,76139832	LRASH
LORAN Anthorn	514,00	54,91159821	-3,27839994	LRAHN
LORAN Angissoq	404,00	60,00540161	-44,66270065	LRASQ
LORAN Al Muwassam	512,00	16,43239975	42,80170059	LRAMU
LORAN Al Khamasin	511,00	20,46730042	44,58100128	LRAKH
LORAN Afif	510,00	23,81010056	42,85499954	LRAFF

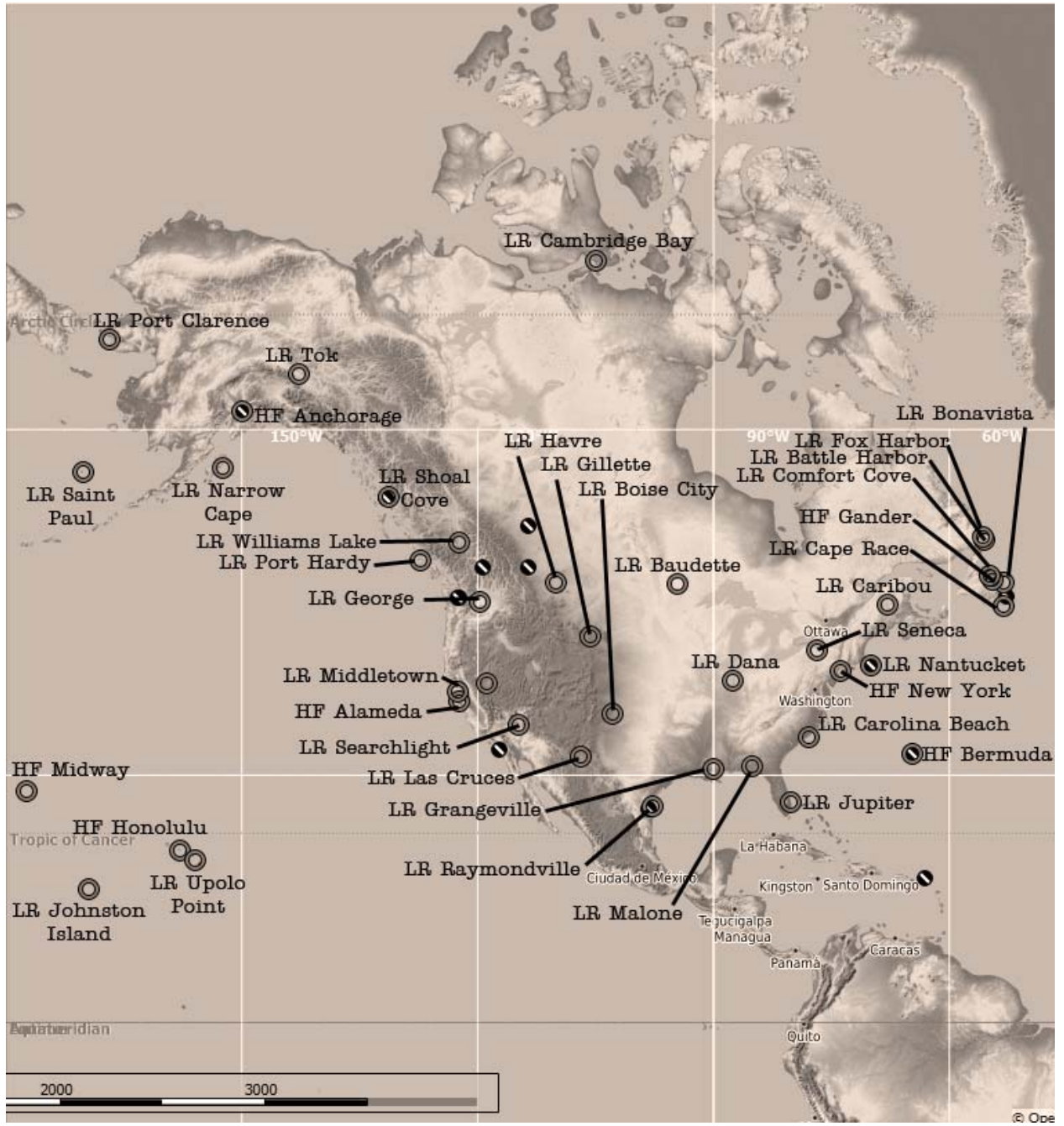
HF stations and LORAN transmitters

Map 1



HF stations and LORAN transmitters

Map 2



HF stations and LORAN transmitters

Map 3

