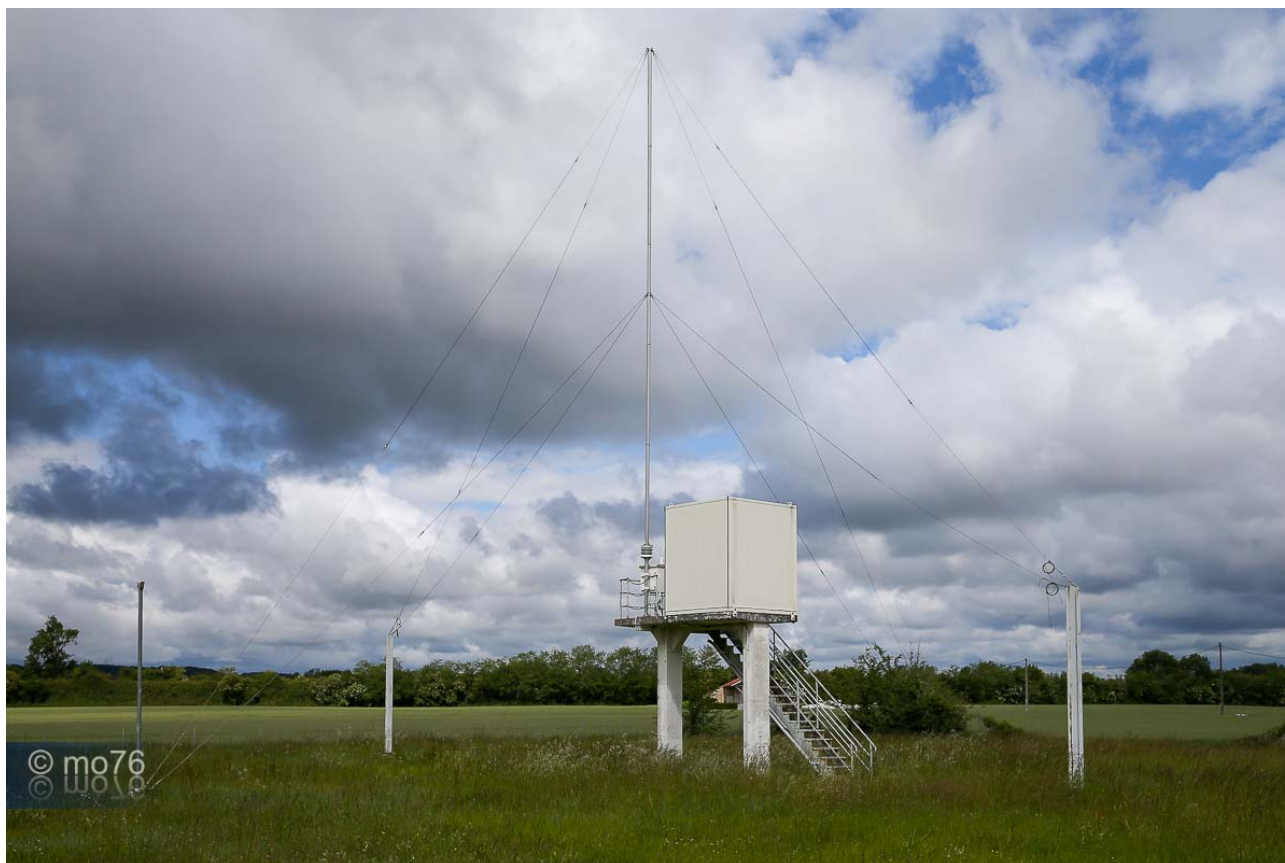


The Global NDB Handbook CD / 2021 Edition

The European NDB Handbook / 2021 Edition  
The European NDB Handbook CD / 2021 Edition

The North American NDB Handbook / 2021 Edition  
The North American NDB Handbook CD / 2021 Edition



With the availability of literally hundreds of online worldwide web SDRs, the **GND BH 2021** will give you all the NDB information you need, regardless where you're listening from. The Global NDB handbook contains a wealth of data, giving you the details of more than **17000 NDBs worldwide**. Due to the large number of NDBs listed, this version of the handbook comes in the CD and / or download version **only**.

The **ENDBH 2021** will provide you with the most up to date NDB information available on 150+ spiral-bound pages in A4 format. It contains data of more than **8200 NDBs** located throughout Europe, the Northern African countries, and the Near and Middle East. Many of the more frequently heard transatlantic NDBs have been included, as well as NDBs operating from offshore installations such as oil platforms. Moreover the handbook lists widely reported unidentified beacons and irregular call signs which result from so-called "negative keying". Many a NDB mystery may be solved with this kind of information on hand.

The **NANDBH 2021** with its 110+ pages is aimed at DXers located in North and South America, respectively, and contains data of more than **5900 NDBs** located throughout North, Central and South America, the Caribbean and the Pacific.

The **layout** of the NDB handbooks is arranged for ease of use: **part 1** (the reference list) shows the entries sorted by alphabetical order of the call sign and lists the carrier frequency, the modulation frequency, the authority or company taking care of the NDB, name and location of the NDB, country in ITU code, geographical coordinates, distance, Great Circle bearing and Maidenhead grid locator. **Part 2** of the handbook is sorted in frequency order, **part 3** in country order, and **part 4** gives details of decommissioned NDBs.

The **downloadable CD version** of the respective handbook contains all chapters of the printed version in PDF file format. Having the NDB data available on your PC will allow you to easily search for specific entries. And if you would still like a printed version of the handbook, you can print it on your own now. The CD contains some additional "bonus tracks" which I hope you'll enjoy. This includes over **400 NDB pictures** and more than **320 NDB sound clips**. The CD also contains **a Google Earth compatible waypoint file** so that you can easily "visit" NDB locations around the globe. To run the CD you'll need a standard PC with CD-ROM drive and Microsoft Windows operating system.

As a special benefit to the users of my NDB handbooks, **the distances and Great Circle bearings are computed for the individual listener's location**. Please don't forget to **specify the geographic coordinates of your listening post when ordering** (recommended format to be used: degrees/minutes/seconds). Please let me know whether you prefer the distances shown either in **kilometers** or in **miles**.

### Where to order

To get your copy please send your order and advance payment to the following address:

**Michael Oexner, Hainfelder Str. 1, D-76835 Roschbach, Germany.**

**michael.oexner@web.de**

### Prices & delivery time

The prices for the handbooks and CDs are shown in the table below. When using **PayPal** for payment **please add the indicated amount** to cover PayPal fees.

All handbooks and CDs will be produced individually, so a production time of 2 weeks should be expected. Mail delivery to the US can add another 8 to 10 days. Since all copies are custom made the user can be sure that his/her copy will have been **updated right to production time**. Delivery of the **CDs** will be **via download**. Should you need a physical copy of the CD please indicate this when ordering.

ENDBH or NANDBH	Europe	North America Airmail
<b>CD via download</b>	€25 / £23	US-\$ 31
<b>CD physical copy</b>	€30 / £28	US-\$ 37
<b>Printed handbook</b>	€35 / £32	US-\$ 43
<b>GNDBH</b>		
<b>CD via download</b>	€40 / £37	US-\$ 49
<b>CD physical copy</b>	€45 / £41	US-\$ 55
<b>PayPal</b>	add €1 / £1	add US-\$ 2

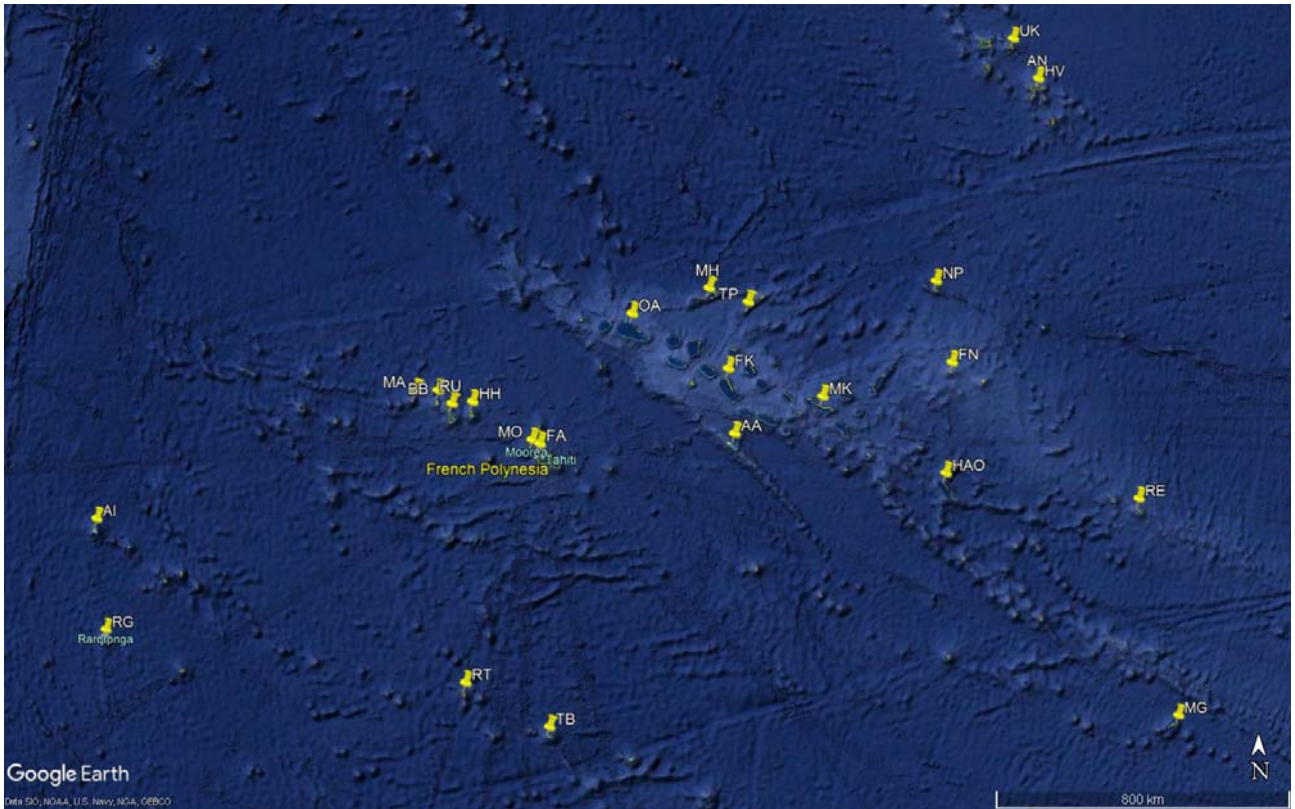
### How to pay

**Preferred method of payment:** please use **PayPal** to securely send your payments.

**US or Canadian customers please note:** personal checks, cashier's checks, or postal money orders made out in US-\$ are **no longer possible**.

## Other methods of payment:

- #1: European customers via bank transfer using BIC and IBAN codes (please contact me for the details).
- #2: You can send your payment in the form of bank notes (Euro, British Pound, US Dollar). If you are using this method though do be sure to take the usual precautions of concealing them well inside your letter.



Call	kHz	Hz	T	Station	S/P	ITU	Lat.	Long.	km	°	Grid
MKL	394.0	1020	civ	Jackson/Mersy	TN	USA	N35 30 57	W088 57 25	7202	296	EM55MM
MKO	401.0	400	civ	Mikonos		GRC	N37 26 25	E025 20 42	2299	126	KM27QK
MKT	350.0		mil	Meiktila		BRM	N20 56 04	E095 54 47	8325	75	NL70VWV
ML	263.0		civ	Mouilla/Ville		GAB	S01 49 37	E011 02 48	5973	171	J158ME
ML	285.0		mil	Millerovo		RUS	N48 56 00	E040 25 00	2573	83	LN08FW
ML	311.5	1020	mil	Cewice		POL	N54 25 38	E017 50 27	962	67	JO84WK
ML	330.0	870	joi	Kraljevo/Morava		SRB	N43 47 08	E020 37 35	1513	119	KN03HS
ML	340.0			Alor/Mali		INS	S08 07 52	E124 35 59	12782	70	PI21HU
ML	342.0		mil	Malang/Abdulrachman Saleh		INS	S07 56 02	E112 42 43	11972	80	OI62IB
ML	343.0	1020	mil	Minami Torishima		J	N24 17 27	E153 58 59	11083	28	QL64XG
ML	357.0	1020	civ	Mangalore		IND	N12 57 47	E074 53 32	7561	97	MK72KX
ML	392.0	400	civ	Charlevoix	QC	CAN	N47 37 24	W070 19 28	5157	296	FN47UO
ML	392.0	1020	civ	Monroe/Sabar	LA	USA	N32 27 15	W092 06 16	7649	296	EM32WK
ML	446.0		civ	Nanyang		CHN	N32 55 07	E112 32 56	8332	56	OM62GW
ML	478.5			UNID		?					
ML	525.0	1020	civ	Ulan-Ude/Vostochny		RUS	N51 51 30	E107 49 00	6489	45	OO31VU
ML	740.0	400*	enr	Chapayev		RUS	N56 13 33	E073 55 46	4405	55	MO66XF
MLE	385.5	400	iw	Miller/BP		IW	N58 43 18	E001 24 01	795	348	JO08QR
MLI	434.0	400	iw	Martin Linge/Equinor		IW	N60 30 27	E000 43 07	998	349	JP00IM
MLK	373.0			Malakal		SDN	N09 31 00	E031 39 00	5308	142	KJ59TM
MLO	378.0	400	civ	Milos		GRC	N36 41 54	E024 28 22	2315	128	KM26FQ
MLQ	400.0	1020		UNID		?					
MLRT9	410.0	400	iw	MV Geoholm/DOF UK		IW					
MLT	395.0	900	civ	Malta		MLT	N35 48 56	E014 31 45	1953	151	JM75GT
MLX	371.0	0	civ	Morlaix/Ploujean		F	N48 38 48	W003 45 46	663	242	IN88CP
MLZT9	410.0		iw	Geoholm/DOF Subsea		IW					
MM	264.0		joi	Kermanshah/Shahid Ashrafi Esfahani		IRN	N34 19 42	E047 11 42	3927	102	LM34OH
MM	290.0	400	civ	Mafikeng		AFR	S23 52 37	E025 30 39	8849	161	KG24SC
MM	330.0			Mawlamyine		BRM	N16 16 36	E097 39 28	8826	77	NK86TK
MM	338.0			Parsabade Mogha		IRN	N39 36 45	E047 51 17	3597	95	LM39WO
MM	380.0		joi	Tehran/Mehrabad		IRN	N35 40 48	E051 20 48	4110	97	LM55QQ
MM	388.0	400		Fort McMurray	AB	CAN	N56 25 11	W111 20 10	6623	325	DO46HP
MM	388.0		civ	Parsabade/Mogha		IRN	N39 36 45	E047 51 17	3597	95	LM39WO
MMI	242.0	1020	civ	Athens/Comino C		GR	N35 23 41	W084 33 42	6935	293	EM75RJ
MMK	514.0	1000	mil	Constanta/Mihail Kogalniceanu		ROU	N44 20 03	E028 29 26	1980	105	KN44FI
MMP	425.0	1020	civ	Milano/Malpensa		I	N45 38 22	E008 44 07	758	152	JN45IP
MMY	267.0	0		Maromamy		MDG	S18 48 21	E049 01 54	8947	137	LH41ME
MN	216.0			Manaung		BRM	N18 50 40	E093 41 10	8353	78	NK68UU
MN	285.0		civ	Mbandaka		ZAI	S00 02 50	E018 16 59	5892	162	J199DW
MN	314.0			Mohe		CHN	N52 54 00	E122 27 00	7061	37	PO12FV
MN	315.0		civ	Moundou		TCD	N08 37 04	E016 04 21	4905	163	JJ88AO
MN	344.0	1020	civ	Minorca		E	N39 50 11	E004 12 48	1324	180	JM29CU
MN	348.0		civ	Muna/Sugimanuru		INS	S04 45 37	E122 33 58	12348	70	PI15GF
MN	350.0		civ	Maun		BOT	S19 58 42	E023 25 45	8164	161	KH10RA
MN	350.0		civ	Minna		NIG	N09 40 09	E006 28 46	4671	177	JJ39FQ
MN	353.0			UNID - near Moscow		?					
MN	366.0	400		UNID		?					
MN	382.0	1020	civ	Mynes		ISL	N65 18 08	W014 22 48	1841	332	IP25TH
MN	392.0			Mbuji Mayi		ZAI	S06 06 20	E023 33 53	6672	158	KI13SV
MN	462.7	830		UNID		?					
MN	939.0	400*		Sasovo		RUS	N54 21 30	E041 59 18	2522	68	LO04XI
MN	940.0	400*	civ	Mendelejevo		RUS	N58 10 01	E054 58 36	3250	57	LO78LE
MNB	331.0		iw	Mariner B/Statoil		IW					
MNE	369.0	1020	civ	München		D	N48 21 19	E011 40 34	657	122	JN58UI
MNI	381.0	1020	civ	Manning	SC	USA	N33 35 16	W080 12 22	6797	289	EM93VO
MNI	440.0	1020	mil	Amasya/Merzifon		TUR	N40 49 17	E035 30 47	2676	105	KN70ST
MNK	340.0	400	iw	GSF Monarch		IW					
MNL	524.0	1030	civ	Valdez/Mineral Creek	AK	USA	N61 07 27	W146 21 08	7218	345	BP61TC
MNP	350.0	400		UNID		?					
MNT	205.0	1020		Manta		EQA	S00 55 59	W080 39 36	9732	266	EI99QB
MNW	338.0	400	civ	München		D	N48 22 27	E011 54 51	670	121	JN58WI
MO	220.0			Momeik		BRM	N23 05 33	E096 38 59	8191	73	NL83HC
MO	224.0	400	civ	Moosonee	ON	CAN	N51 16 56	W080 37 40	5535	305	EO91QG
MO	249.0		civ	Muko Muko		INS	S02 32 30	E101 05 18	10707	86	OI07NK
MO	274.0			Melo		URG	S32 20 24	W054 13 26	10915	227	GF27VP
MO	329.0		civ	Maputo		MOZ	S25 50 13	E032 37 33	9034	154	KG64HD

GNCBH 2021  
Sample Page

## Comments from users

Really pleased with your excellent list, so much more data than I ever thought. It must take you many hours of research and I must congratulate you on it.

(JM / UK / Jan 2021)

Impressive amount of data you presented. I have my doubts I can tick them off my list...hi.

(MD / Netherlands / Jan 2021)

I want to inform you that your NDB book for me arrived today, in the morning post. Everything is perfect and exact. Thank you again for your service and wishing you well and good health.

(FOC / Ireland / Nov 2020)

The book arrived here today. I am very impressed by it's thoroughness, content & format! Thank you so much for your efforts here!

(DH / USA / Nov 2020)

Thank you very much for your time and assistance in getting this ready for us. It looks just fine and will be very useful in our monitoring efforts. I will be doing a write up on it in the Winter Global Radio Guide and a mention in the Spectrum Monitor magazine. Again sincerely appreciate all your efforts.

(LVH / USA / Oct 2020)

Yes, the download link was received the next day and worked as it should. Have spent a little time getting acquainted with it and so far I'm impressed with amount of data. The bearing and distances are very helpful.

(CG / USA / Oct 2020)

Heute ist Dein ENDBH eingetroffen und ich bin mehr als zufrieden. Dafür sind 35,00€ gut und gerne angelegt. Tipps, vier Sortierungen, dazu alles auf meinem QTH zugeschnitten, einfach Spitze. Wichtig auch die Liste (leider) abgeschalteter NDB's, denn Dank älterer Perseus-Aufnahmen, kann vielleicht noch manches Schätzchen „ausgegraben“ werden. Einziger Nachteil meinerseits, ich hätte das ENDBH schon früher bestellen sollen. Also – tolles Nachschlagewerk, bin sehr zufrieden!!

(HOS / Germany / Apr 2020)

Gestern kam die CD von Dir an. Vielen Dank dafür! Mein erster Eindruck ist sehr gut! Es ist genau das, was ich suchte.

(KR / Germany / Mar 2020)

Die Liste ist in tadellosem Zustand heute angekommen. Sicher eine tolle Fleißarbeit und eine Investition, die man nicht bereut.

(DW / Germany / Feb 2020)

I downloaded the CD, everything ok as always. You have been accompanying me in my hobby for many years and your work is always of great help to me.

(GB / Italy / Feb 2020)

I had time now to check the handbook. My last printed copy of the European NDB handbook was about 10 years old so I was pleased to see all the regular sections were still present with my new updated edition. Very useful to have separate sections for call signs/freq order/country order along with listed decommissioned NDBs which has unfortunately expanded. A very useful publication to have next to the radio when beacon hunting. I really can't add much more to all the positive reviews I have read about your publications!

(LR / UK / Feb 2020)

Die CD ist heute bei mir eingetroffen. Vielen Dank für die schnelle Bearbeitung! Vom ersten Eindruck her kann ich sagen, daß Du mit dem Projekt ENDBH eine tolle Sache erstellt hast. Für alle NDB-Freaks eine hervorragende Ergänzung der im www frei zugänglichen Info´s zum Hobby. Mögen uns die NDB´s und deine Arbeit noch lange erhalten bleiben.

(DR / Germany / Feb 2020)

Works as well as previous edition. For us "PskovNDB passport hunters" GNDBH is absolute must have :)  
(JS / Finland / Feb 2020)

Worked like a charm...so far anyway. DL'd to my Late model MacBook Pro and all is fine. KMZ/L file works beautifully in Google Earth Pro. I am an Earth Scientist/Geographer by trade (retired) ...!. The maps are important to me, and a big selling point.  
(TW / USA / Feb 2020)

Hat alles geklappt. Danke für die Daten und Liste... Gute Arbeit.  
(HJW / Germany / Dec 2019)

CD 2019 received via download - starts instantly - easy load and very fast on my laptop. I will spend many hours enjoying the CD - thank you for a very complete and useful accessory for my NDB hunting.  
(MP / Canada / Dec 2019)

Thank you, downloaded with no issues. An AWESOME product! I am very pleased with the purchase.  
(DJ / USA / Oct 2019)

I received my handbook yesterday and it is fabulous. How you have created this and personalised this for my location makes it very special, so thank you very much. This is sure to make the hobby even more addictive. Thanks again.  
(WG / UK / Sep 2019)

The NANDBH arrived today Saturday, March 30th in excellent condition. It has everything I need in the sections. Much to my chagrin the Decommissioned NDB's section seemed to be getting a lot larger..... What is it going to look like in a couple of years..... Thanks.  
(DP / USA / Mar 2019)

I downloaded it and have it on my main shack computer and a laptop I use in the field when I get a chance to visit quieter locations. It's working well for me and I thank you and appreciate your efforts for the hobby.  
(AE / USA / Mar 2019)

Received just fine and thank you so much. It is a valuable resource! Thanks again.  
(CB / USA / Mar 2019)

Hi Michael, I've downloaded the CD and am very pleased with the vast amount of high quality data it contains. It must take a great deal of your time to collect and to keep up-to-date. All your efforts are very much appreciated.  
(BM / UK / Mar 2019)

Ciao Michael, no problem with download, the CD is already installed and operative. Will be my preferred support for another year :-)  
(GB / Italy / Mar 2019)

Thanks again to you. It all looks good. You have a lot of very useful information and functions in the files. I particularly like the Google Earth location data.  
(SM / Canada / Mar 2019)

Hi again, I received my new Handbook today was impressed with it as always!  
(DC / USA / Feb 2019)

Everything works fine! Thank you very much, extremely excellent documents once again!  
(TM / Finland / Dec 2018)

Everything on the disk is ok and will come in handy this winter and also this summer.  
(RB / USA / Dec 2018)

Congratulations: you have done a very impressive work of research to list so many beacons. For me, after first try, all seems ok.  
(PP / France / Nov 2018)