Vay

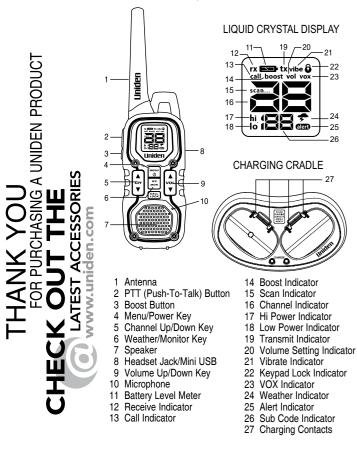
radios

# GMR4040-2CKHS **GMR4099-2CKHS**

٠	NiMH battery pack
•	Battery Charger
٠	Mini USB Charging Port
•	10 Hours Battery Life
•	Battery Level Meter
٠	Channel Monitor
•	Channel Scan
•	NOAA Emergency /
	Weather Channels with
	ALERT
•	Camo Pattern
	(GMR4099-2CKHS only)
٠	Weather Resistant (JIS2)
	• • • • •

- Power Boost PTT
- 2 Belt Clips
- · 2 Carabiner Clips (GMR4099-2CKHS only

## \*Range may vary depending on environmental and/or topographical conditions GMR4040-2CKHS, GMR4099-2CKHS RADIO



Congratulations on your purchase of a Uniden GMRS (General Mobile Radio Service) radio. These lightweight, palm-sized radios are state-ofthe-art devices. Both have many top features. The GMR4040-2CKHS and GMR4099-2CKHS include two headset boom mics. JIS2 compliant. Use them at outdoor and sporting events, to contact family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication.

# PACKAGE CONTENTS

Your package contains two radios, two rechargeable NiMH battery packs, one charging cradle, two headset boom mics, two belt clips, two Carabiner Clips (GMR4099-2CKHS only), and this reference guide. A NiMH battery pack or 3 AAA alkaline batteries (not included) power each unit. To order the following optional accessories, visit our web site at www. uniden.com or call 1-800-554-3988 during regular business hours. Use only Uniden accessories. NiMH Battery Pack - #BT-1029 or BP-1029

- Charging Cradle #RC-1288
- Headset Boom Mic #ZA-133 or ZA-160
- AC Adapter #AD-0001
- Mini USB Cable #BWZG1666001
- Carabiner Clip #TSTD0720002

# GMRS LICENSE

The radio operates on the General Mobile Radio Service (GMRS) frequencies when using Channels 1-7 and channels 15-22. You must have a GMRS license issued by the Federal Communications Commission to legally use these channels. For licensing information and application forms, visit the FCC online at: www. fcc.gov/wtb/uls or call the FCC hotline at 1-800-418-3676. If you have any questions, you can contact the FCC direct at 1-888-225-5322. No license is required for operation on channels 8-14 or operation on any channel in Canada.

# **INSTALL THE BATTERY**

Each radio uses a supplied NiMH battery pack or 3 AAA alkaline batteries (not included). To install the NiMH battery pack:

#### 1) Make sure your radio is OFF.

- 2) Press the tab at the bottom of the battery compartment door to remove the cover.
- 3) Install the NiMH battery pack into the battery compartment. Be certain to follow the instructions written on the label on the battery pack. Installing the battery pack incorrectly will prevent the unit from operating.
- 4) Replace the battery compartment door.

## BATTERY LEVEL AND LOW BATTERY ALERT

This unit has a battery level meter on the display to indicate the status of the batteries. When the battery in the unit is low, the battery level meter icon icon flashes. Recharge the NiMH battery pack immediately or if you are using alkaline batteries, you must replace the alkaline batteries in order to continue using the radio.

Warning! To avoid the risk of personal injury or property damage from fire or electrical shock, only use the Uniden accessories specifically designated for this product.

## CHARGING THE RADIO

If you use the rechargeable NiMH battery pack, two radios can be charged directly or by using the supplied charging cradle.

## USING THE RADIO

life remaining.

charging.

external power.

1) Connect an optional Mini USB cable

(#BWZG1666001) to the radio Mini USB port and the other end to a computer or to an AC or DC adapter that provides USB charging power (NOT to a USB hub).

2) Charge the battery pack for 16 hours until the battery indicator stops flashing.

## USING THE CHARGING CRADLE

- 1) Connect the AC adapter (#AD-0001) to DC 9V iack and to a standard 120V AC wall outlet. Set the charging cradle on the desk or tabletop.
- and place the radio in the charging cradle with the keypad facing forward. 3) Make sure that the LED illuminates. Charge the battery pack for 16 hours and remove the radio

Do not recharge alkaline batteries. Doing so can

create a safety hazard or damage the radio.

For fastest charging, turn off the radio before

The battery must be installed for the unit to

operate, even if the unit is also connected to

If battery power is low, you cannot operate the

radio even using external power. Allow the

transmit while power is low, the radio will

batteries to charge before using. If you try to

from the charging cradle after charging.

# To choose a channel:

With the radio in "Normal" operating mode, press the  $CH \land / CH \lor$  key to increase or decrease the channel number displayed.

**USING A HEADSET** 

You can use a headset (#ZA-133 or ZA-160) for

more private communications. To use a headset.

lift the rubber cover from over the headset jack,

**Important:** Your radio is not weather resistant

place to restore its weather resistant capability.

when using a headset jack. When you remove the

headset, be sure to fully press the lack cover into

USING THE RADIO

In order to get the most out of your new radio, read

1) Press and hold **MENU**/ to turn the radio ON.

VOL ▲. To decrease the volume, press

ADJUSTING THE SOUND (KEY BEEPS)

and increase the speaker volume by pressing

2) Press and hold **MENU**/ () again to turn the radio

Your radio emits a beep each time one of the keys

(except for the PTT and CALL/LOCK) is pressed.

To turn this sound OFF, press and hold CALL/

LOCK while turning ON the radio. Repeat this step

this reference guide completely before attempting to

then plug in the headset.

operate the unit.

VOL V.

to turn the sound ON.

channel and Sub code.

CHOOSING A CHANNEL

OFF.

TURNING THE RADIO ON AND

ADJUSTING THE VOLUME

Note: Channels 1-7 have a typical range of up to 40 miles. Channels 8-14 have a typical range of up to 5 miles. Channels 15-22 have a typical range of up to 40 miles. You can see which GMRS or FRS channel is active by the icon. The hi icon is displayed while scanning GMRS channels, and the lo icon is displayed while scanning FRS channels.

## TALKING ON YOUR BADIO

#### To talk to others using the radio:

1) Press and hold the PTT button and speak in a clear, normal voice about 2-3 inches away from the microphone. While you are transmitting, the tx icon appears on the display. To avoid cutting off the first part of your transmission, pause slightly after pressing the PTT button before you start talking.

2) When you have finished speaking, release the PTT button. You can now receive incoming calls. While receiving. rx displays.

### MONITOR MODE FEATURE

Your radio allows you to listen for weak signals on the current channel at the press of a key.

To turn ON Monitor mode:

 Press and hold WX/MON for 2 seconds until two beeps sound. The receiver circuit stays open. and both noise and weak signals can be heard.

To turn OFF Monitor mode:

 Press and hold WX/MON for 2 seconds to return to "Normal" mode: the rx icon stops blinking and disappears.

#### ADVANCED FUNCTIONS (MENUS)

Use MENU/ to access your radio's advanced functions.

Normal	}
$- \pm \pm \pm \pm \pm$	_
OFF, 1-121 ON/OFF ON/OFF OFF, 1-5	)

#### Press MENU/ to enter the menus.

- 2) Additional presses of **MENU**/ () advance you through the menus until exiting to "Normal" operating mode.
- 3) Other methods of exiting the Menu function are:
- a. Press and hold MENU/ C again.

# b. Press any key except CH ▲ / CH ▼ or VOL ▲

/ VOL 
and wait 10 seconds until the unit Your radio has 22 channels and 121 Sub codes you returns to "Normal" mode. can use to talk to others. In order to speak to someone, each of you must be set to the same

## Sub Code

Each of the channels 1-22 may have any one of the codes, OFF, or 1-121 selected, Code oF (OFF) indicates no Sub code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

- 1) Press **MENU**/ to enter Menu mode. The subcode indicator flashes.
- 2) Press CH ▲ / CH ▼ key to increase or decrease the code number displayed. You can also select oF (OFF) at this stage.
- 3) Press MENU/ to exit Menu mode.
- 4) Press any key other than CH ▲ / CH ▼ or VOL ▲ / VOL ▼ and the radio returns to Idle mode in 10 seconds.

#### Scan

Your radio has a channel scan feature that allows you to easily scan all 22 channels. When an active channel is detected, the radio pauses on that channel until the channel is clear. Then, after a 2 second delay, the radio continues scanning. Pressing the PTT button while the scan is paused on a channel allows you to transmit on that channel.

Note: Use the optional Mini USB cable #BWZG166600 accessorv from Uniden to connect to an AC or DC adapter that provides USB charging power (NOT to a USB hub). Use only the supplied battery and AC adapter or approved accessories from Uniden. Charge time may vary depending on the battery

#### 7 Weather 121 Sub ( (CTCSS<sup>-</sup> Up to 40 I

15 GMRS

Internal V

10 Selecta

Backlit LC

Headset

2 headset

Vibrate Ca

Roger Be



To turn ON channel scan:

- 1) Press MENU/ trepeatedly until the scan... icon and oF blink.
- 2. Press CH ▲ / CH ▼ to select Scan mode and press MENU/ to start it.

To turn OFF channel scan:

- 1) Press MENU/ the scan setting of oF.
- Press any key other than CH ▲ / CH ▼ or **VOL**  $\wedge$  / **VOL**  $\vee$  to turn channel scan off in 10 seconds.

## Voice Operated Transmission

Your radio is equipped with a user selectable Voice Operated Transmitter (VOX) that can be used for automatic voice transmissions. The VOX feature is designed to be used with a headset with a microphone. Transmission is initiated by speaking into the microphone instead of pressing PTT.

To select VOX level:

- 1) Press MENU/ c repeatedly until the vox icon and the VOX sensitivity level (OFF. 1-5) blink.
- 2) Press CH ▲ / CH ▼ to change the VOX sensitivity levels. Use level 1 for increased sensitivity to voice in normally quiet environments, and use a higher level to reduce undesired activation in very noisy environments.

## Call Tone

Your radio is equipped with 10 selectable call tones that are transmitted when CALL/LOCK is pressed.

To select a call tone:

- 1) Press MENU/ C repeatedly until the CALL icon and Call Tone start to blink on the display.
- 2) Press  $CH \blacktriangle / CH \lor$  to move through the available call tones. Each tone will be heard through the speaker but will not be transmitted. Cycle through these tones and stay on the tone you want to select.
- 3) Exit Call Tone to set the selected tone.

## Setting Silent Mode

When you turn on the silent mode, all incoming calls are muted: the radio flashes the display backlight, the channel indicator, vibe and call to alert you to an incoming call. If you do not respond to the call within 15 seconds, the backlight turns off. The radio will also vibrate to remind you that you missed a call. Silent mode is disabled for 15 seconds when you transmit, receive, or press any other button.

Press **MENU**/ <sup>(†)</sup> repeatedly until the **vibe** icon and the current setting start to blink on the display.

To turn ON the silent mode:

- 1) Press CH ▲ to display on.
- 2) To exit the Menu, press the MENU/ O key advance you through the Menu until exiting to "Normal" mode. vibe appears.

To turn OFF the silent mode:

- 1) PressCH ▼ to display oF.
- 2) To exit the Menu, press the **MENU**/ they advance you through the Menu until exiting to "Normal" mode. vibe disappears.

Note: To prevent unwanted silent alerts, be sure to use a Privacy code whenever you use the Silent mode feature. You can hear the received voice when you turn on channel scan and an active channel is detected even during silent mode.

# Missed Call Alerts

If you receive an incoming call while silent mode is on and do not respond, the radio will turn on the Missed Call icon.

The radio will additionally remind you of a missed call by vibrating every minute after the call for 3 minutes.

# KEY LOCK

To lock the keypad:

1) Press and hold CALL/LOCK; a displays.

These functions are not affected by Key Lock:

- Volume adjust
- Call tone transmission
- Enter monitor mode
- PTT transmission
- Power off

To unlock the keypad:

Press and hold CALL/LOCK again; a disappears.

# AUTOMATIC POWER SAVE

Your radio has a circuit designed to dramatically extend the life of the batteries. If there is no transmission or an incoming call within 3 seconds, your radio switches to Power Save mode. The radio is still able to receive transmissions in this mode.

# LCD BACKLIGHT

The LCD Backlight automatically turns ON when any key (except the PTT button) is pressed. The LCD display illuminates for 10 seconds before turning OFF.

# ROGER BEEP

Roger Beep is a BEEP that is sent to notify the end of transmission (both PTT and VOX transmission). Roger Beep can be heard through the speaker when both Roger Beep and Key Beep are set to ON. When Roger Beep is set to ON and Key Beep is set to OFF. Roger Beep will not be heard from the speaker but it will be transmitted to your party. When Roger Beep is set to OFF, Roger Beep will neither be heard nor transmitted.

To change Roger Beep setting:

Press and hold **VOL** A while turning the radio on and off. If Roger Beep is ON, it will be turned off; if it is OFF, it will be turned on.

#### USING THE WEATHER RADIO

Your radio can receive weather broadcasts from the NOAA National Weather Service. When in the Weather Radio Alert mode, the system functions as it does in standard mode but also monitors the selected weather channel for alerts when not communicating. While using the Weather Radio, you are not able to receive GMRS communications.

- 1) To turn on the Weather Radio Broadcast mode. press WX/MON. The 🜩 icon appears.
- 2) Press  $CH \blacktriangle / CH \lor$  to increase or decrease the number to the desired Weather Channel.
- 3) To exit the Weather Radio Broadcast mode, press *WX/MON*. The <del>\*</del> icon disappears.

#### Choosing an Emergency/Weather Channel

There are 7 NOAA channel frequencies available and these frequencies are common between the US and Canada. You need to know what frequency is being transmitted in your location.

- Press MENU/ O repeatedly until the alert icon and the current setting start to blink on the display.
- To turn ON Weather Alert:
- 1) Press CH ▲ to display on.
- 2) To exit the Menu, press the **MENU**/  $\odot$  key advance you through the Menu until exiting to "Normal" mode, alert icon appears.
- 3) When the unit receives a warning signal, it beeps for 5 seconds. alert and channel indicator flash.
- To turn OFF Weather Alert: 1) Press CH ▼ to display oF.
- 2) To exit the Menu, press the MENU/ two advance
- you through the Menu until exiting to "Normal" mode. alert icon disappears.
- When Weather Alert is activated, the highest priority is given to this function. It checks the weather alert signals every 7 seconds. When the unit finds a warning signal, it switches to the warning receive mode automatically.
- Weather Alert is activated even if Beep Tone is turned off.

#### NOAA Weather Radio Frequency List:

Channel 1 162.550 MHz	Channel 5 162.450 MHz
Channel 2 162.400 MHz	Channel 6 162.500 MHz
Channel 3 162.475 MHz	Channel 7 162.525 MHz
Channel 4 162.425 MHz	

# SPECIFICATIONS

Channels	15 GMRS/7 FRS/7 Weather
Sub Codes	38 Sub-Audible Tones
	83 DCS Codes
Operating Frequency	
GMRS/FRS:	462.5500 - 467.7125 MHz
WX:	162.4000 - 162.5500 MHz
Power Source	NiMH Battery Pack (BT-1029
	or BP-1029) or

Range				Channel Channel miles	1-7 up to 8-14 up 15-22 up	o 40 miles to 5 miles p to 40
Batter	y Life			10 Hours Battery F (5/5/90 d	Pack	
Frequ	ency	Chart				
2 462 3 462 4 462 5 462 6 462 7 462 7 462 8 467 9 467 10 467	.5625 .5875 .6125 .6375 .6625 .6875 .7125 .5625 .5875	Cross F FRS & G FRS & FRS 8 FRS 9 FRS 10 FRS 11	MRS 1 MRS 2 MRS 3 MRS 4 MRS 5 MRS 5 MRS 6	12 13 14 15 16 17 18 19 20	467.6875 467.7125 462.5500 462.5750 462.6000 462.6250 462.6250 462.6750 462.6750	FRS 14 GMRS 11 GMRS 8 GMRS 12 GMRS 9 GMRS 13 GMRS 10
CTCS Code oF 1 2 3 4 5 6 7 8	Fr 0 67 71 74 77 82 85	art (Hz) req. FF 7.0 1.9 1.4 7.0 9.7 2.5 5.4 8.5		Cod 20 21 22 23 24 25 26 27 28	13 13( 14 14 15( 15( 16)	1.8 6.5 1.3 6.2 1.4 6.7 2.2 7.9
9 10 11 12 13 14 15 16 17 18 19	94 97 10 10 11 11 11 12 12	1.5 1.8 7.4 00.0 03.5 07.2 0.9 14.8 18.8 23.0 27.3		29 30 31 32 33 34 35 36 37 38	179 18( 192 203 21( 21) 221 233 24 25(	2.8 3.5 0.7 8.1 5.7 3.6 1.8
DCS C Tone No. 39		tal de	Tone No. 54	e Octal Code 115	Ton No 70	. Code
40 41 42 43 44 45 46 47 48 49 50	02 03 03 04 04 05 05 05 05 07 07	25 26 31 32 33 37 31 34 35 37 1 22	55 56 57 58 59 60 61 62 63 64 65 66	116 125 131 132 134 143 152 155 156 162 165 172	71 72 73 74 75 76 77 78 79 80 81 82	243 244 245 245 251 263 265 265 265 271 306 311 315
51 52 53	07 07 11	4	67 68	172 174 205	83 84 85	343 346

223

69

85

351

3 AAA Alkaline Batteries

1	Tone	Octal	Tone	Octal	Tone	Octal
	No.	Code	No.	Code	No.	Code
	86	364	98	466	110	632
	87	365	99	503	111	654
	88	371	100	506	112	662
	89	411	101	516	113	664
	90	412	102	532	114	703
	91	413	103	546	115	712
	92	423	104	565	116	723
	93	431	105	606	117	731
	94	432	106	612	118	732
	95	445	107	624	119	734
	96	464	108	627	120	743
	97	465	109	631	121	754

## RBRC INFORMATION

As part of our commitment to protect the environment and conserve natural resources, Uniden voluntarily participates in an RBRC<sup>®</sup> industry program to collect and recycle used Ni-MH batteries within the US.

Please call 1-800-8-BATTERY for information on Ni-MH battery recycling in your area. (RBRC<sup>®</sup> is a registered trademark of the Rechargeable Battery Recycling Corporation.)

# REGULATORY INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received, including interference that may cause undesired operation.

**Important:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device. Your radio is set up to transmit a regulated signal on an assigned frequency. It is against the law to alter or adjust the settings inside the radio to exceed those limitations. Any adjustments to your radio must be made by gualified technicians.

#### To be safe and sure:

- · Never open your radio's case.
- Never change or replace anything in your radio except the batteries.

Your radio might cause TV or radio interference even when it is operating properly. To determine whether your radio is causing the interference, turn it off. If the interference goes away, your radio is causing it. Try to eliminate the interference by moving your radio away from the receiver. If you cannot eliminate the interference, the FCC requires that you stop using the radio.

Hazardous Environments: Do not operate the radio in hazardous environments. Explosion or fire may

result. Do not operate the radio near unshielded electrical blasting caps. Under certain conditions, radios can interfere with blasting operations and may cause an explosion. Turn your radio OFF to prevent accidental transmission when in a blasting area or in areas posted: "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

Care and Safety: To clean the radio, use a soft cloth dampened with water. Do not use cleaners or solvents because they can harm the body of the unit and leak inside, causing permanent damage. Use a dry, lint-free cloth to clean the battery contacts. Do not submerge the unit in water. If the unit gets wet, turn it off and remove the batteries immediately.

Dry the battery compartment with a soft cloth to minimize potential water damage. Leave the battery compartment cover off overnight to ensure complete drving. Do not use the radio until the unit is completely dry.

## RF EXPOSURE INFORMATION

WARNING! Read this information before using the radio. In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters.

Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of the radio complies with the FCC guidelines and these international standards.

Never allow children to operate the radio without adult supervision and the knowledge of the following guidelines.

WARNING! It is up to the user to properly operate this radio transmitter to insure safe operation.

Please adhere to the following: Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the radio, or result in violation of FCC regulations. Do not use the radio with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for a replacement antenna.

#### Hand-held Operation (Held-to-Face)

This device was evaluated for typical hand-held (held-to-face) operations with a 1 inch spacing from the front of the radio. For hand-held operation, the

radio should be held 1 inch from the user's face in order to comply with FCC RF exposure requirements.

#### Body-worn Operation

exclusions set out below

This device was evaluated for body-worn operations with the supplied belt-clip accessory. (All necessary accessories are included in the package; any additional or optional accessories are not required for compliance with the guidelines.) Third party accessories (unless approved by the manufacturer) should be avoided as these might not comply with FCC RF exposure guidelines. For more information about RF exposure, please

visit the FCC web site at www.fcc.gov. THREE YEAR LIMITED WARRANTY

## Important: Evidence of original purchase is required for warranty service. WARRANTOR: UNIDEN AMERICA CORPORATION ("Uniden") ELEMENTS OF WARRANTY: Uniden warrants. for three years, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 36 months after the date of original retail sale. The warranty is invalid if the Product is: (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, sub-assemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the owner's manual for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will either, at its option, repair or replace the defective unit and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. Warrantor, at its option, may replace the unit with a new or refurbished unit. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES



OF ANY NATURE WHATSOEVER. WHETHER EXPRESS. IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OVERPAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you. LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America and Canada.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the owner's manual you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Disconnect the battery from the Product and separately secure the battery in its own separate packaging within the shipping carton. The Product should include all parts and accessories originally packaged with the Product. Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, to warrantor at:

Uniden America Service 4700 Amon Carter Blvd. Fort Worth. TX 76155 (800) 297-1023 during regular business hours (CST) (See www.uniden.com for current hours of operation.)



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