Please do not upload this copyright pdf document to any other website. Breach of copyright may result in a criminal conviction.

This Acrobat document was generated by me, Colin Hinson, from a document held by me. I requested permission to publish this from Texas Instruments (twice) but received no reply. It is presented here (for free) and this pdf version of the document is my copyright in much the same way as a photograph would be. If you believe the document to be under other copyright, please contact me.

The document should have been downloaded from my website https://blunham.com/Radar, or any mirror site named on that site. If you downloaded it from elsewhere, please let me know (particularly if you were charged for it). You can contact me via my Genuki email page: https://www.genuki.org.uk/big/eng/YKS/various?recipient=colin

You may not copy the file for onward transmission of the data nor attempt to make monetary gain by the use of these files. If you want someone else to have a copy of the file, point them at the website. (https://blunham.com/Radar). **Please do not point them at the file itself as it may move or the site may be updated.**

It should be noted that most of the pages are identifiable as having been processed by me.

I put a lot of time into producing these files which is why you are met with this page when you open the file.

In order to generate this file, I need to scan the pages, split the double pages and remove any edge marks such as punch holes, clean up the pages, set the relevant pages to be all the same size and alignment. I then run Omnipage (OCR) to generate the searchable text and then generate the pdf file.

Hopefully after all that, I end up with a presentable file. If you find missing pages, pages in the wrong order, anything else wrong with the file or simply want to make a comment, please drop me a line (see above).

It is my hope that you find the file of use to you personally – I know that I would have liked to have found some of these files years ago – they would have saved me a lot of time !

Colin Hinson
In the village of Blunham, Bedfordshire.

TEXAS INSTRUMENTS
HOME COMPUTER

MOON MINE

ARCADE ENTERTAINMENT

SOLID STATE CARTRIDGE

This cartridge is designed to be used only with the Texas Instruments TI-99/4A Home Computer. Optional Solid State Speech ™ Synthesizer must be attached to the computer to activate speech capabilities.

You are captain of the U.S.S. Recovery and your mission is to capture treasures stolen from Earth. Battle against the mighty Zygonaut and his menacing creatures to save the world's most valuable treasures!

Moon Mine

This Solid State Cartridge is designed to be used only with the Texas Instruments TI-4A Home Computer. The optional *Solid State Speech* ™ Synthesizer (sold separately) must be attached to the computer to activate the speech capabilities of the cartridge.

Designed by: Robert F. Hendren

Programmed by: John Phillips

Voices by: Aubreé Anderson
Jose Fernandez
Mary Margaret Shelkey

Book developed and written by:
Staff members of Texas Instruments Instructional Communications.

Copyright © 1983 by Texas Instruments Incorporated. Solid State Cartridge program and data base contents copyright © 1983 by Texas Instruments Incorporated.

See important warranty information at back of book.

The evil Zygonaut, legendary ruler of the moon's center, has raided the Earth and stolen all its precious treasures. The Zygonaut has hidden the treasures in a mine shaft deep in the center of the moon. As captain of the U.S.S. Recovery, you must pass through the mine shaft to reach the center of the moon and retrieve the Earth's treasures.

Ten horrible creatures appear on the screen to fight for the stolen treasures. But beware—the black ones are deadly! If a black monster strikes the U.S.S. Recovery, one of your crew members can be lost and your vehicle severely damaged. The other creatures are Zygonaut scouts and bypass your ship if they are not destroyed. Use your four lasers to conquer the Zygonaut's creatures before they destroy your ship!

The Moon Mine Solid State Cartridge offers an adventurous space journey loaded with danger and thrills! Moon Mine's features include:

- exciting attacks from ten devastating creatures;
- increased difficulty levels that provide a continuous challenge;
- synthesized speech in English and Spanish that provides continuous feedback;
- suspenseful attempts to replenish water supplies;
- challenging attempts to retrieve stolen treasures.

Moon Mine can be played by one or several players to test skills in strategic planning and quick thinking. Movement of the lasers may be controlled by the arrow keys on the computer keyboard or by the Wired Remote Controllers.

Moon Mine is designed to work with or without the Texas Instruments *Solid State Speech*™ Synthesizer (sold separately). However, the Speech Synthesizer must be attached to activate the voice of the computer.

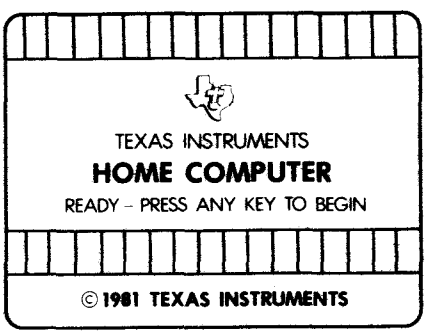
Inserting a cartridge is easy. If you have any problem inserting the cartridge, or if it is accidentally removed from the slot while in use, please see "In Case of Difficulty" on page 7.

Inserting the Cartridge

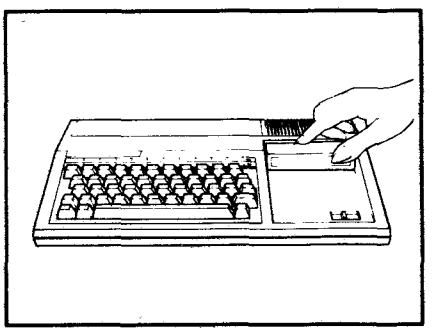
An automatic reset feature is built into the computer. When a cartridge is inserted into the console, the computer returns to the master title screen. All data or program material you have entered is erased.

Note: Be sure the cartridge is free of static electricity before inserting it into the computer (see page 7).

1. Turn the computer ON, and wait for the master title screen to appear.



2. Then, slide the cartridge into the slot on the console.



3. Press any key to make the master selection list appear. Then, press the appropriate number key for your selection.

Removing the Cartridge

1. To remove the cartridge at the end of play, press **QUIT** to return to the master title screen.

2. Then, remove the cartridge from the slot.

After you select a language version of Moon Mine by pressing the corresponding number, the title screen appears. When the message "PRESS ANY KEY TO BEGIN" **appears on the screen, press any key to start the game.**

Next, the screen displays the U.S.S. Recovery moving down the mine shaft which was left behind by the Zygonaut. When this screen appears, the game is underway. You begin the game with a total of five loyal crew members.

Located directly beneath the mine shaft scene is the vehicle console on which status gauges are located. The temperature gauge is represented by a red color bar, and your water level is represented by a cyan color bar. The number of crew members, the level of play, and a record of your highest score are also included on the bottom of the screen.

Controlling Your Lasers

Red cones on four sides of the screen represent the four lasers. To control your vertical lasers, use the ← **S** and **D** → arrow keys. The vertical lasers have limited mobility and an unlimited firing range. Press either the **Q**, **Y**, **V**, or (.) key to fire the lasers. To control your horizontal lasers, use the ↑ **E** and the **X** ↓ arrow keys. The horizontal lasers have unlimited mobility and a limited firing range.

The lasers are water cooled devices. Thus, it is necessary to replenish your water supply periodically. To replenish your water supply, you must retrieve pools of water that occasionally appear on the shaft floor. When the message "WATER AHEAD" appears on the screen, you must eject one of your crew members into the mine shaft to retrieve the water for cooling your lasers. The crew member is equipped with a hand-held laser which can fire only twelve shots against the menacing monsters. To eject a crew member into the shaft, press the **SPACE BAR**. Then, position your crew member directly on top of the pool of water and press the **FIRE** key. If the water is retrieved, your crew member changes to the color blue. If the water is recovered successfully and all monsters are destroyed, you may return your crew member to the U.S.S. Recovery by pressing the **SPACE BAR**.

If you are using the Wired Remote Controllers, move the lever right or left to maneuver the lasers horizontally on the screen, and move the lever forward (toward the **FIRE** button) or backward (away from the **FIRE** button) to maneuver the lasers vertically on the screen. Press the **FIRE** button to activate the lasers.

When the game screen appears, the Zygonaut's evil creatures have already begun their attack on the U.S.S. Recovery. Ten different creatures appear which you must disintegrate with your lasers.

Carefully aim either the vertical or horizontal lasers at a monster and press the **FIRE** button. Do not overheat your lasers by holding down the **FIRE** button for long periods of time. If you do overheat your lasers, the U.S.S. Recovery is damaged and a crew member is lost.

As you destroy the horrible creatures, the Zygonaut sends more monsters to join in the battle. They are faster and can withstand several laser hits before they are destroyed. Also, as you travel deeper into the moon's center, your lasers overheat more easily, and your water supply is depleted more rapidly.

Points are awarded based upon the size of a creature when it is destroyed. Each monster appears on the screen as a small dot and increases eight times in size while getting closer to the U.S.S. Recovery. You receive the highest amount of points when you hit a creature as it first appears on the screen.

Recovering Treasures

To recover the Earth's stolen treasures, you must send a crew member into the mine shaft to retrieve the valuables. The stolen treasures include silver, jade, and amethyst. When the message "DETECTING UNKNOWN OBJECT" appears on the screen, the U.S.S. Recovery is approaching one of the treasures and it is now accessible.

To eject a crew member into the mine shaft, press the **SPACE BAR**. Use the arrow keys to maneuver your man directly above a treasure. Then, press the **FIRE** key to retrieve the treasure. If you capture a treasure, your crew member changes to the color of the treasure (your crew member can only return to the U.S.S. Recovery if the treasure is recovered). To bring your crew member back to the spaceship, press the **SPACE BAR** again.

Stopping the Game

If you wish to stop the action at any time, press either the **P** or **T** keys to pause. The screen action stops until you are ready to resume play. Press any key (other than the **P** or **T** keys) to continue the game.

Advancing to Different Levels

There are sixty levels of difficulty in Moon Mine. A different screen color represents moving to a higher level of game play. In easy levels (levels 1-20), creatures are destroyed after one laser hit. In intermediate levels (levels 21-40), monsters are destroyed after two laser hits. In advanced levels (levels 41-60), creatures are destroyed after three laser hits.

Scoring

Points for hitting monsters are based upon their size when destroyed. The point values, from highest to lowest, are 100, 90, 80, 70, 60, 50, 40, and 30. If you destroy a creature when it first appears on the screen, you receive 100 points. If you hit a creature when it is at its largest size, you receive 30 points.

You are awarded an extra crew member when you reach 5,000 points, and thereafter, you receive one extra crew member every 10,000 points.

Note: Only five crew members can be seen on the screen at one time.

Bonus Points

You earn 2,000 points for retrieving a pool of water and returning safely to the U.S.S. Recovery. Capturing stolen treasures, such as silver, jade, and amethyst earns you 1,000 points.

Advancing to new levels automatically gives you 1,000 points.

Monsters	Treasures	Water
Papillon	Silver	
Zip Zap Bat	Jade	
Moon Demon	Amethyst	
Skullman		
Moon Ghost		
Pegasus		
Triped		
Two-Headed Hydra		
Robynth		
Moon Crab		

Caring for the Cartridge

These cartridges are durable devices, but they should be handled with the same care you would give any other piece of electronic equipment. Keep the cartridge clean and dry, and do not touch the recessed contacts.

CAUTION:

The contents of the Solid State Cartridge can be damaged by static electricity discharges.

Static electricity build-ups are more likely to occur when the natural humidity of the air is low (during winter or in areas with dry climates). To avoid damaging the cartridge, just touch any metal object (a doorknob, a desklamp, etc.) before handling the cartridge.

If static electricity is a problem where you live, you may want to buy a special carpet treatment that reduces static build-up. These commercial preparations are usually available from local hardware and office supply stores.

In Case of Difficulty

If the cartridge activities do not appear to be operating properly, return to the master title screen by pressing **QUIT**. Withdraw the cartridge, align it with the cartridge opening, and reinsert it carefully. Then press any key to make the master selection list appear. (**Note:** In some instances, it may be necessary to turn the computer off, wait several seconds, and then turn it on again.)

If the cartridge is accidentally removed from the slot while the cartridge contents are being used, the computer may behave erratically. To restore the computer to normal operation, turn the computer console off, and wait a few seconds. Then reinsert the cartridge and turn the computer on again.

If you have any difficulty with your computer or cartridge, contact the dealer from whom you purchased the unit and/or cartridge for service directions.

Additional information concerning use and service can be found in your *User's Reference Guide*.