

CAPTAIN

ZOO

#1

NOV 2010



**MENACE
OF THE
MOTOR
CONTROL
MAGGOTS!**





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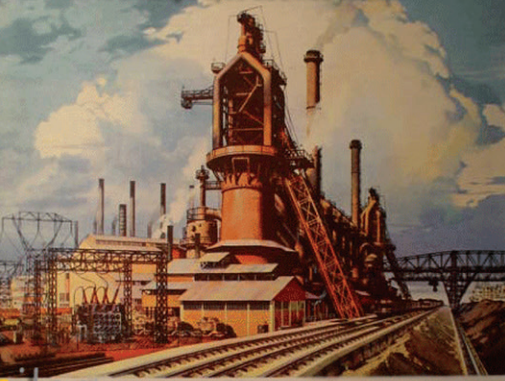


Clare's CPC7232 8-Channel High-voltage switch IC

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Clare

Zilog's Z16FMC Series Flash Microcontroller A 16-bit Single-Cycle CISC MCU Solution



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Motor Control



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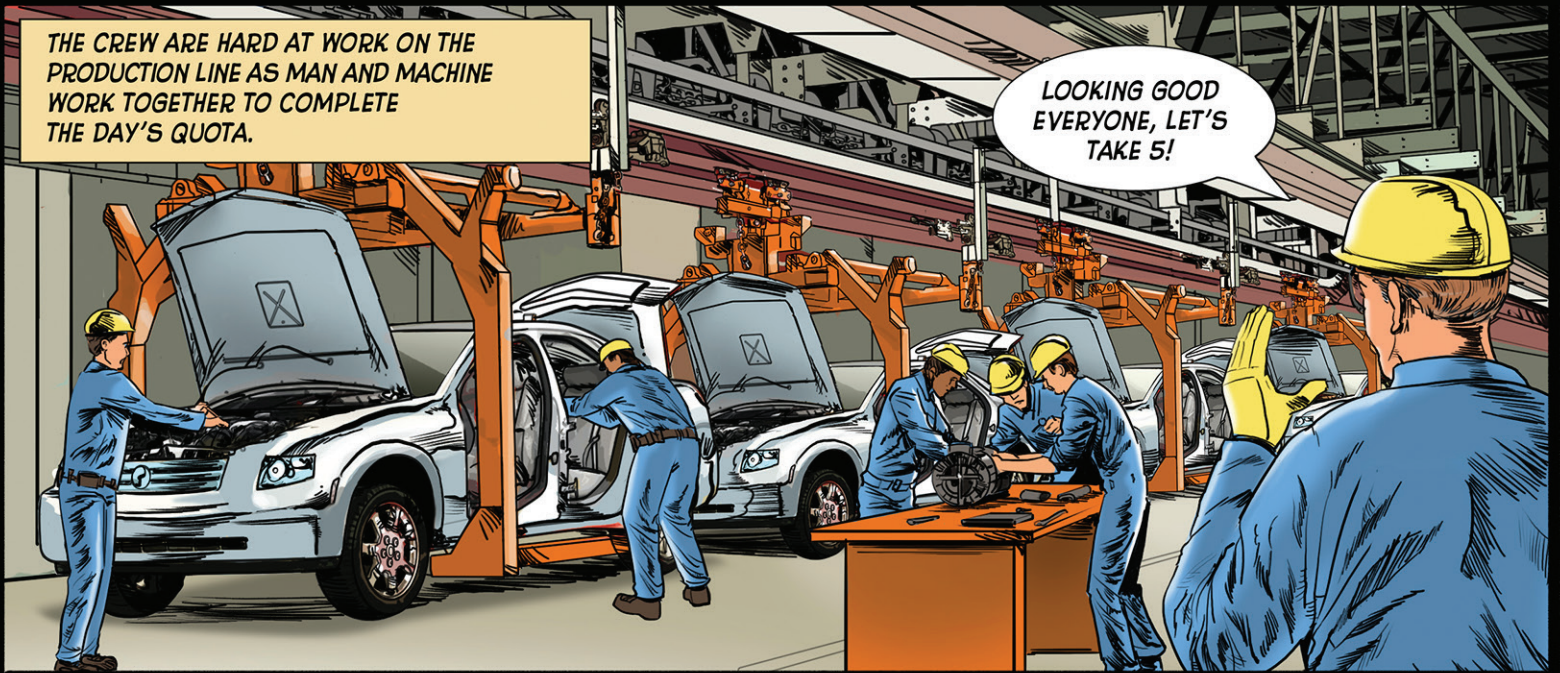
WELCOME EFFICIENCY SEEKERS! I'M BACK, WHICH CAN ONLY MEAN **ONE THING**: MY OLD ENEMY HAS CAUGHT UP WITH EARTHLY TECHNOLOGY AND IS PLANNING A COMEBACK OF HIS OWN! IT STARTED CASUALLY, AS MOMENTOUS EVENTS OFTEN DO, AT ACME MOTOR PLANT IN SUNNY CALIFORNIA. AND FOR THOSE WHO DON'T KNOW, I'M... **CAPTAIN ZLOG**

CAPTAIN ZLOG



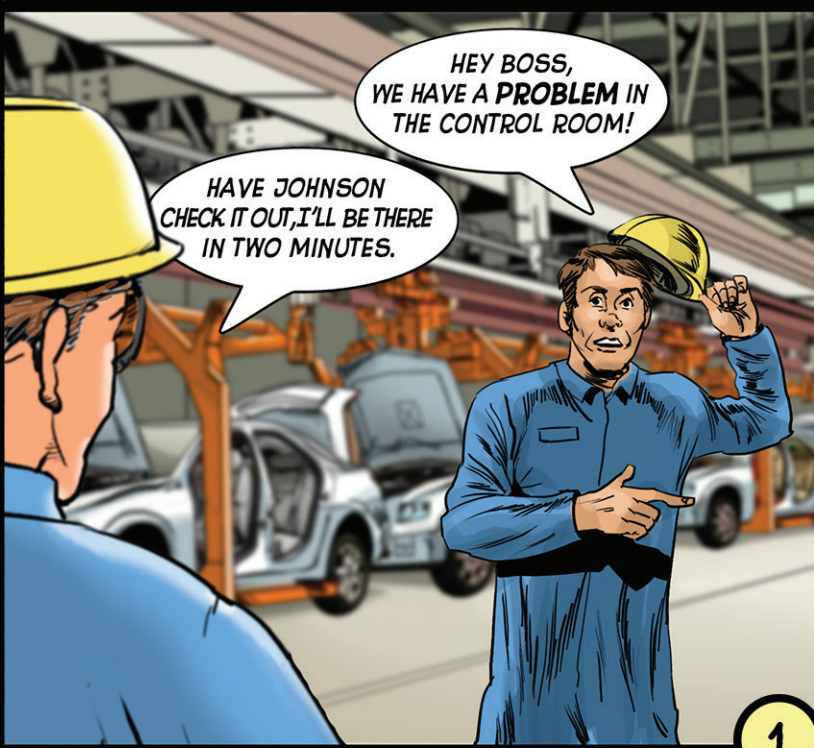
THE CREW ARE HARD AT WORK ON THE PRODUCTION LINE AS MAN AND MACHINE WORK TOGETHER TO COMPLETE THE DAY'S QUOTA.

LOOKING GOOD EVERYONE, LET'S TAKE 5!

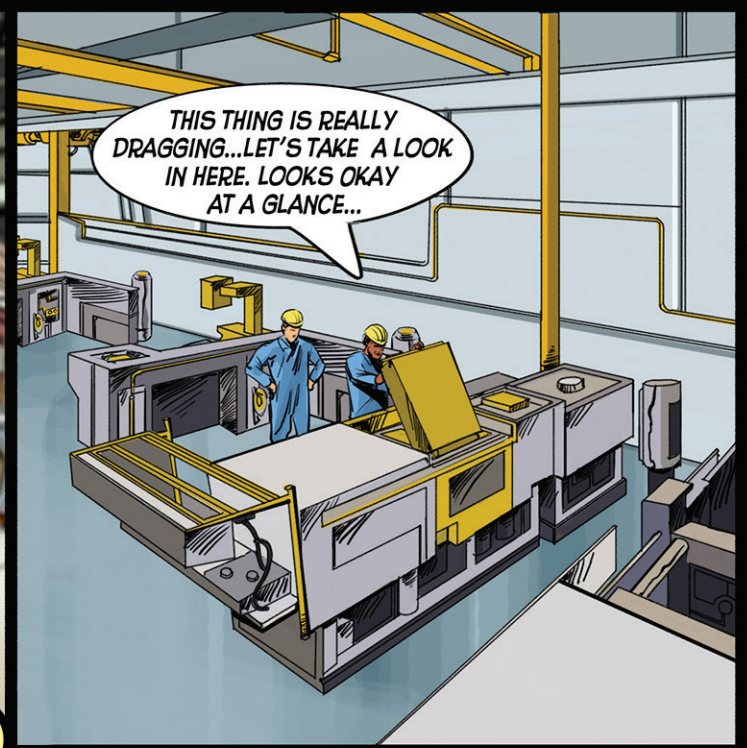


HEY BOSS, WE HAVE A **PROBLEM** IN THE CONTROL ROOM!

HAVE JOHNSON CHECK IT OUT, I'LL BE THERE IN TWO MINUTES.



THIS THING IS REALLY DRAGGING...LET'S TAKE A LOOK IN HERE. LOOKS OKAY AT A GLANCE...





HOLY SMOKES!



BOSS! YOU'D BETTER COME SEE THIS!



WHAT IS IT, JOHNSON?

I...DON'T... KNOW! WEIRD BUGS...



YOU AIN'T KIDDIN! WHAT IN THE WORLD...?

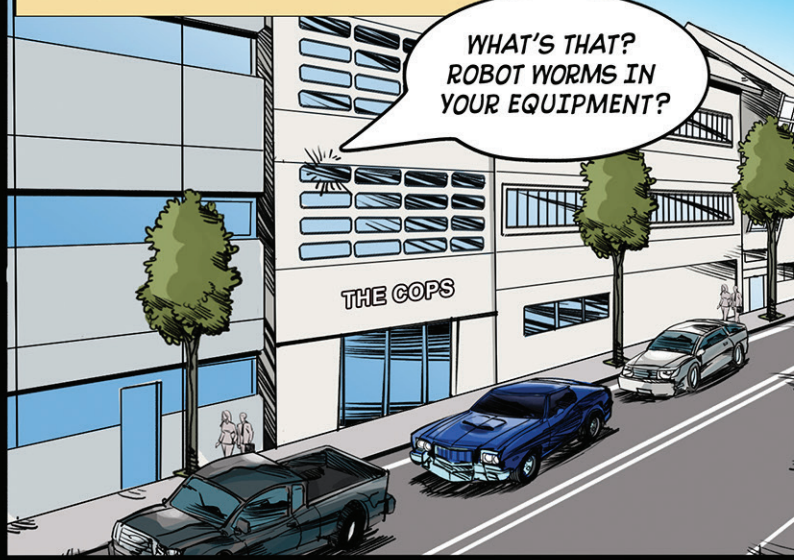
WHOA...!



THIS IS SERIOUS... I HOPED I'D NEVER NEED TO DO THIS AGAIN BUT I'D BETTER CALL THE CHIEF!

BACK AT POLICE HEADQUARTERS, THE CALL IS ANSWERED!

WHAT'S THAT?
ROBOT WORMS IN
YOUR EQUIPMENT?



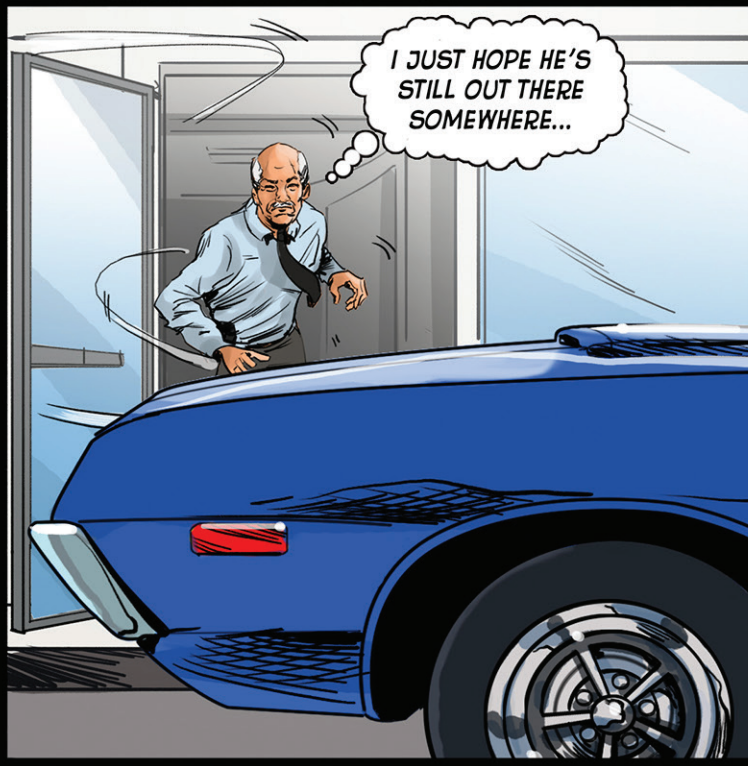
SOUNDS
SERIOUS!



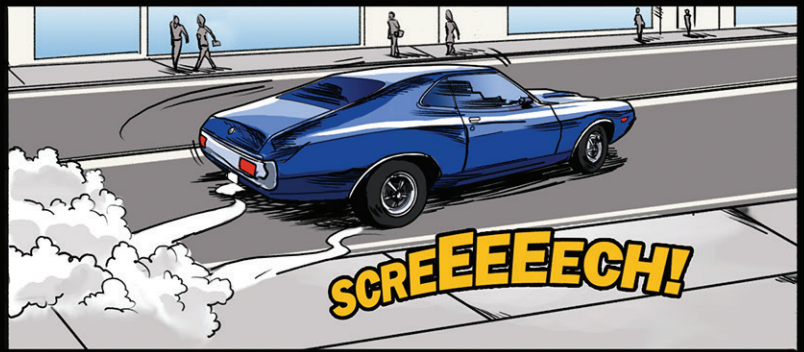
IT HAS BEEN A LONG
TIME, BUT I'M AFRAID
YOU'RE RIGHT!
I'M ON MY WAY



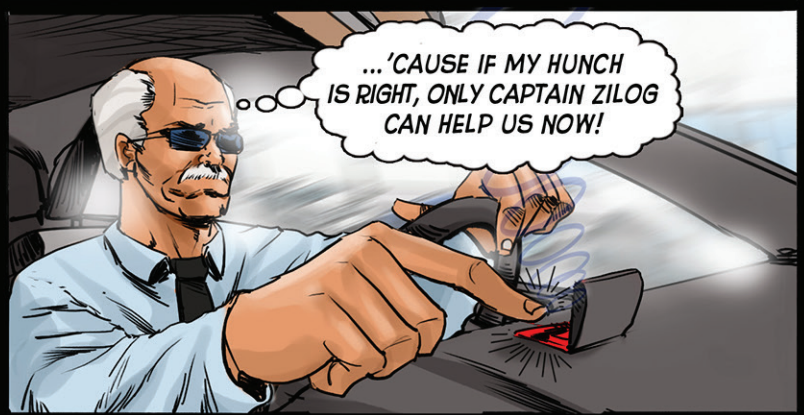
I JUST HOPE HE'S
STILL OUT THERE
SOMEWHERE...



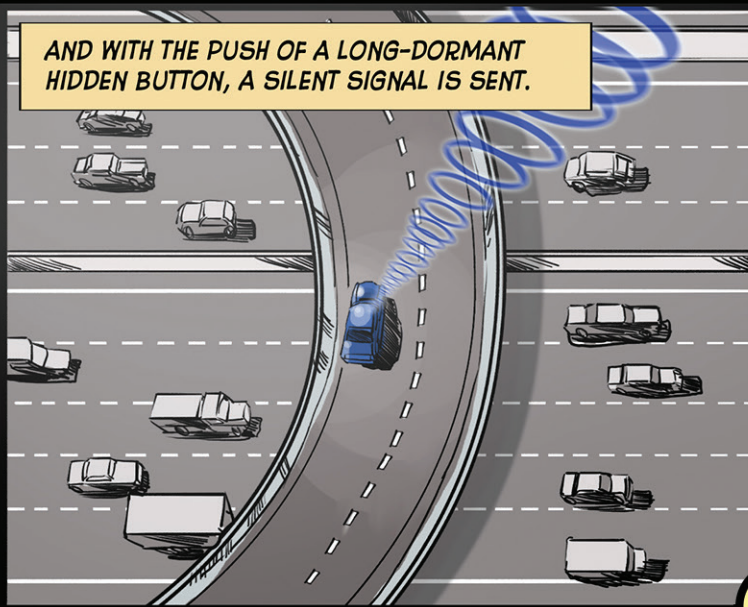
SCREEEEEECH!



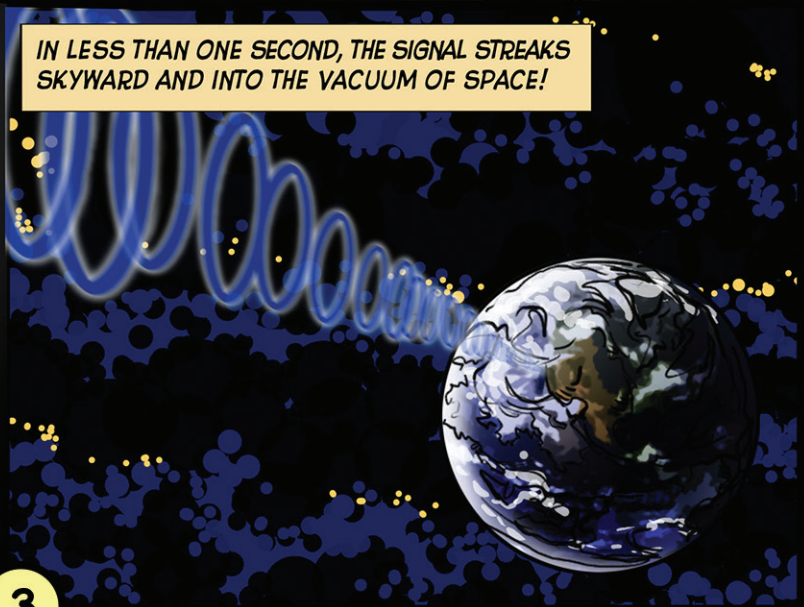
... 'CAUSE IF MY HUNCH
IS RIGHT, ONLY CAPTAIN ZILOG
CAN HELP US NOW!



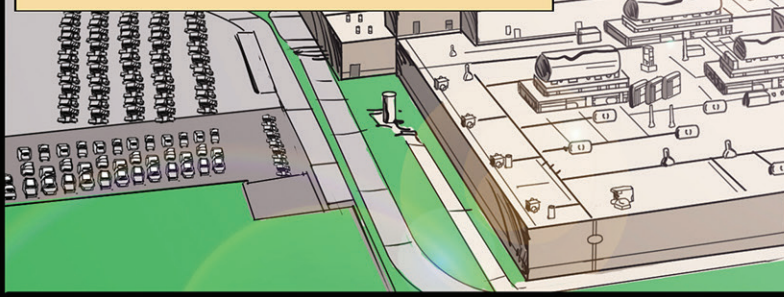
AND WITH THE PUSH OF A LONG-DORMANT
HIDDEN BUTTON, A SILENT SIGNAL IS SENT.



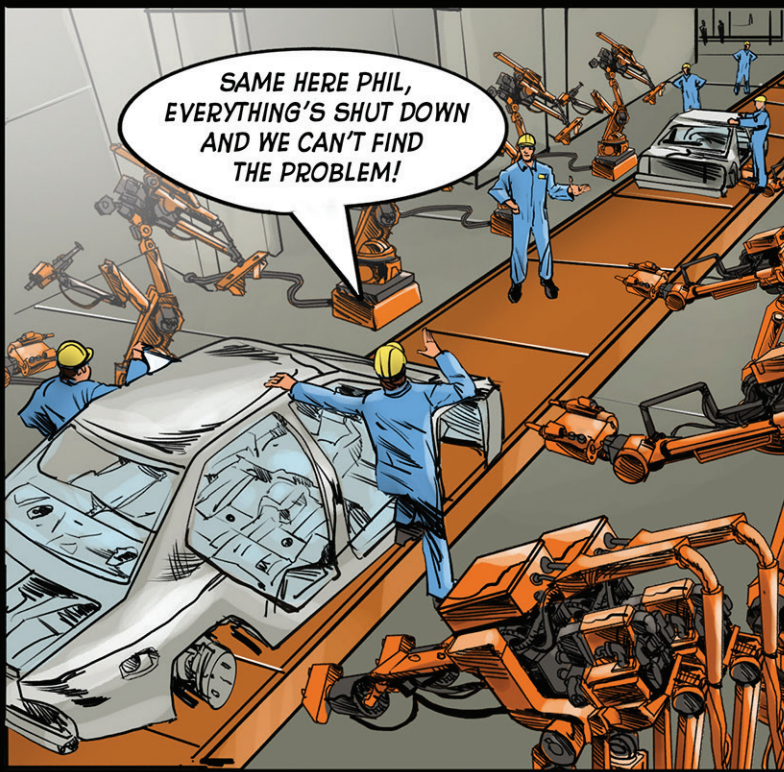
IN LESS THAN ONE SECOND, THE SIGNAL STREAKS
SKYWARD AND INTO THE VACUUM OF SPACE!



MEANWHILE, BACK AT THE ACME MOTOR PLANT, THINGS HAVE GONE FROM BAD TO WORSE!



SAME HERE PHIL, EVERYTHING'S SHUT DOWN AND WE CAN'T FIND THE PROBLEM!



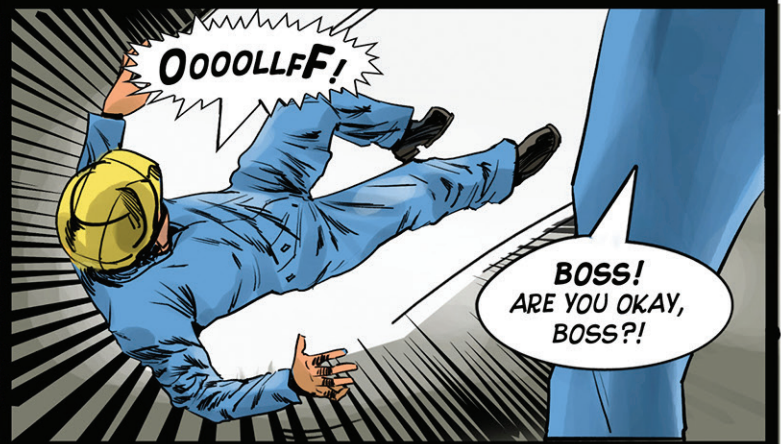
I'LL CHECK THE... HEADS UP GUYS...!



INCOMING!

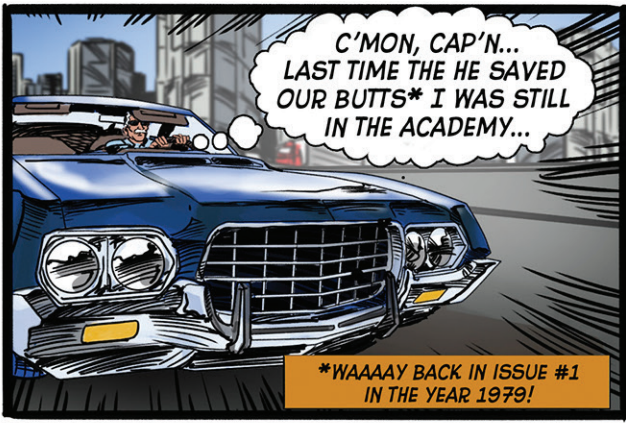
OOOOLFF!

BOSS! ARE YOU OKAY, BOSS?!

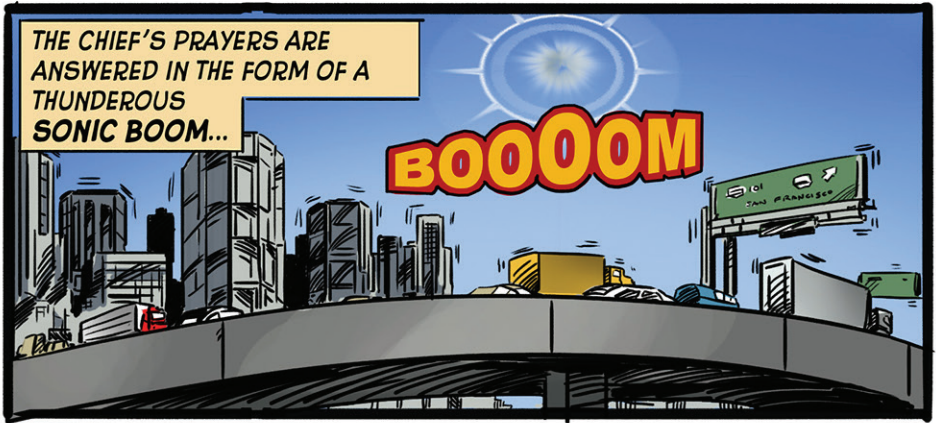


I'M GONNA HAVE TO SAY NO, JOHNSON! RUN!



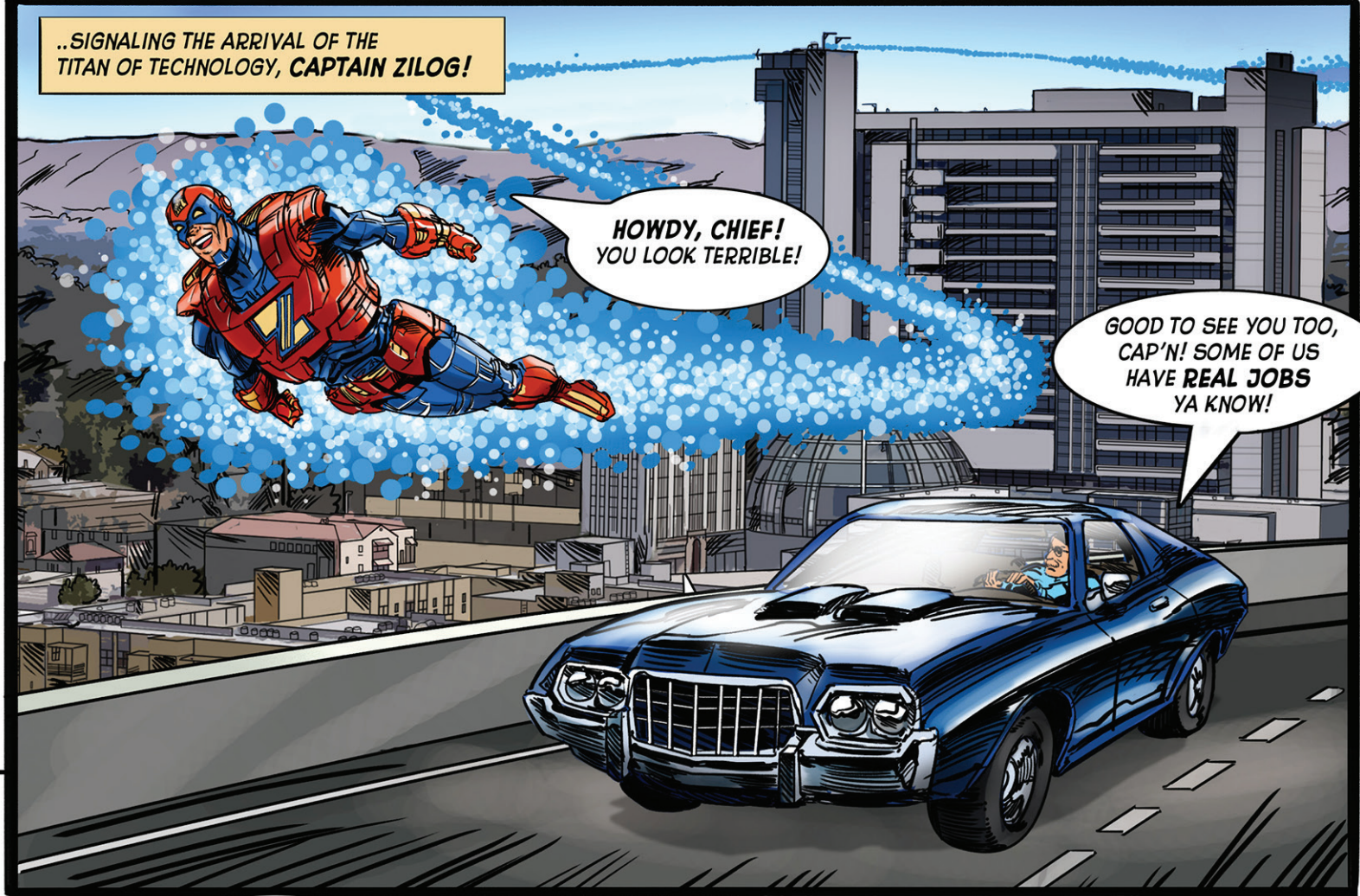


*WAAAAY BACK IN ISSUE #1 IN THE YEAR 1979!



THE CHIEF'S PRAYERS ARE ANSWERED IN THE FORM OF A THUNDEROUS SONIC BOOM...

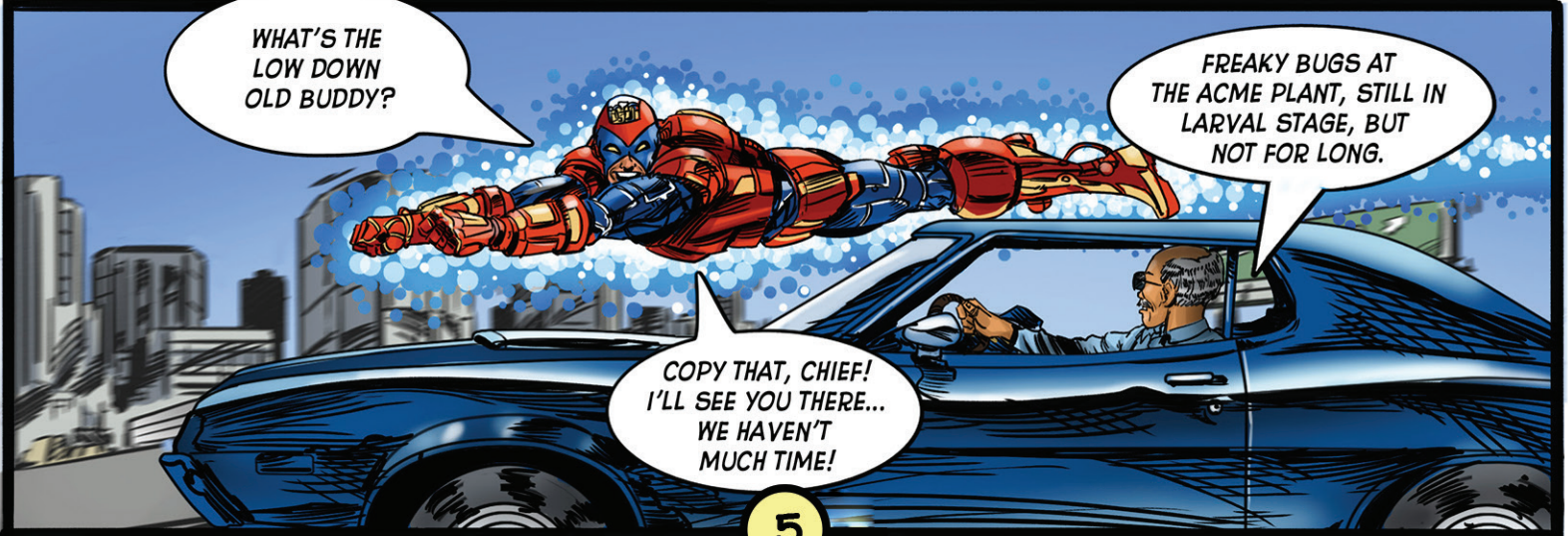
BOOOOM



..SIGNALING THE ARRIVAL OF THE TITAN OF TECHNOLOGY, CAPTAIN ZILOG!

HOWDY, CHIEF! YOU LOOK TERRIBLE!

GOOD TO SEE YOU TOO, CAP'N! SOME OF US HAVE REAL JOBS YA KNOW!

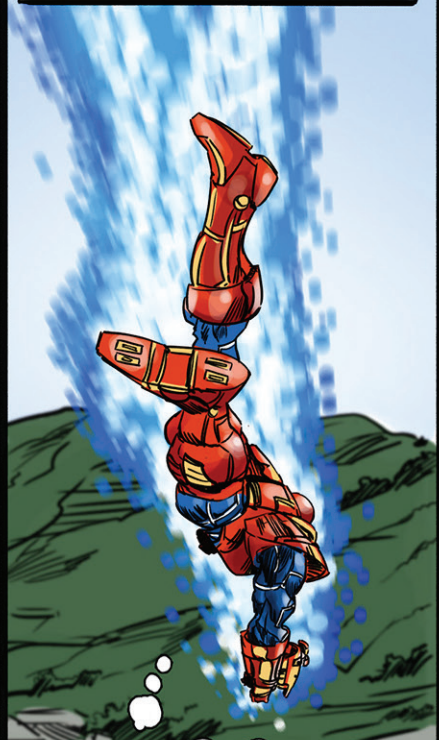


WHAT'S THE LOW DOWN OLD BUDDY?

FREAKY BUGS AT THE ACME PLANT, STILL IN LARVAL STAGE, BUT NOT FOR LONG.

COPY THAT, CHIEF! I'LL SEE YOU THERE... WE HAVEN'T MUCH TIME!

TAKING ONLY A FRACTION OF A SECOND, CAPTAIN ZILOG LOCATES THE BESIEGED PRODUCTION FACILITY AND MAKES HIS DESCENT!

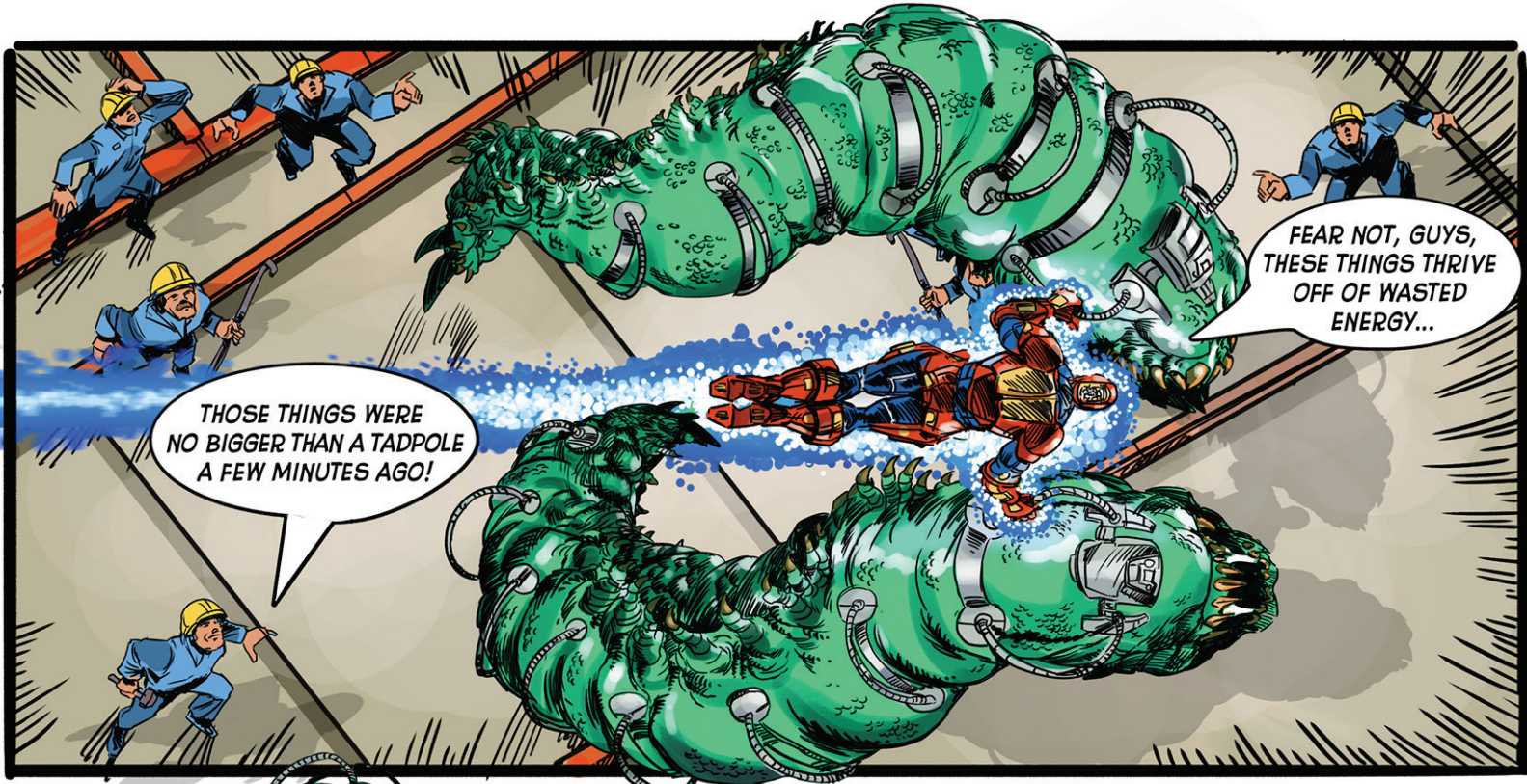


ENERGY EFFICIENCY READING IS PLUNGING THE CLOSER I GET - I'D BEST BE ON MY TOES.



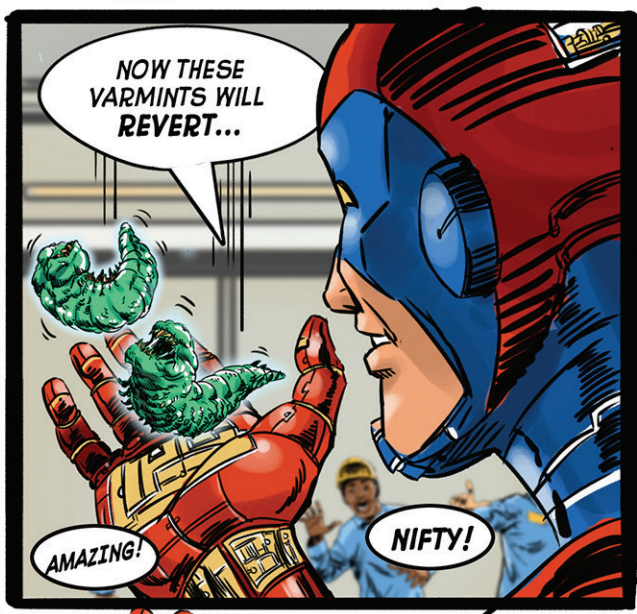
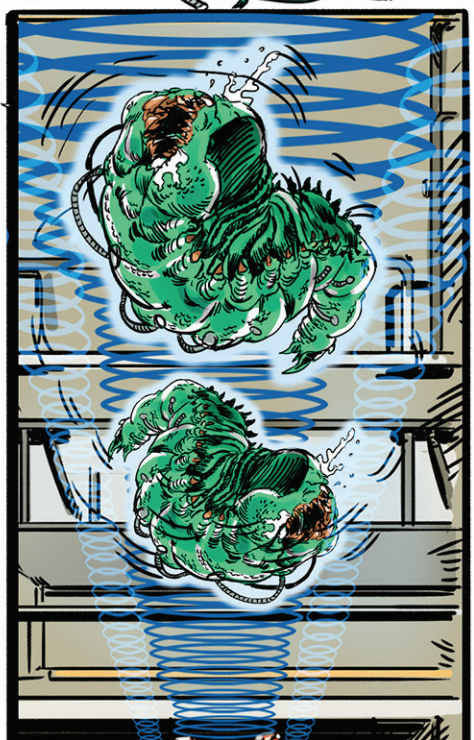
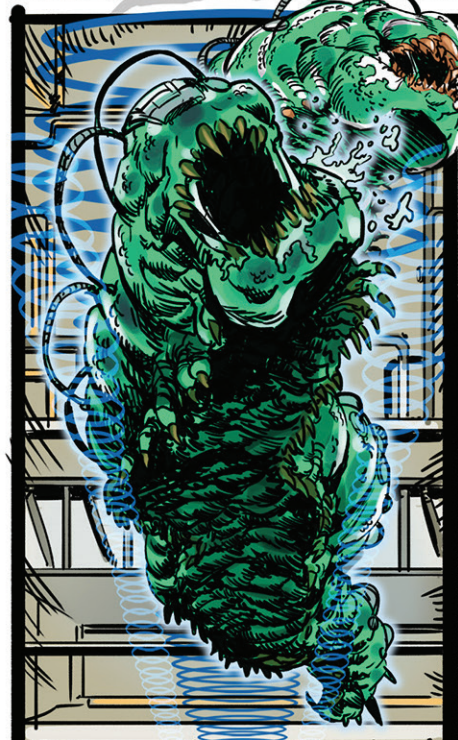
JEEPERS! MOTOR CONTROL MAGGOTS... BIGGEST I'VE EVER SEEN! HOLD ON FELLAS!

CAPTAIN ZILOG!
YOU'RE GONNA PAY FOR THAT CEILING! BUT FIRST...
HELP!!!



THOSE THINGS WERE NO BIGGER THAN A TADPOLE A FEW MINUTES AGO!

FEAR NOT, GUYS, THESE THINGS THRIVE OFF OF WASTED ENERGY...



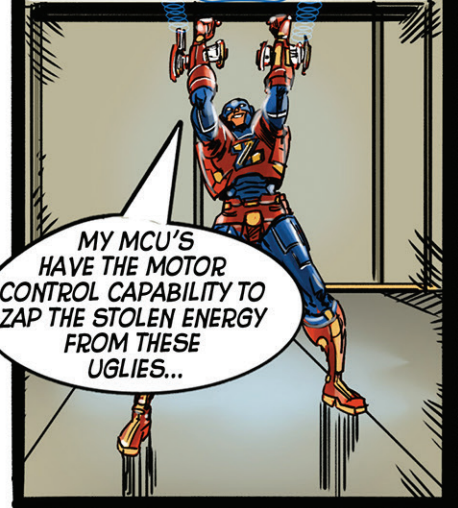
NOW THESE VARMINTS WILL REVERT...

AMAZING!

NIFTY!



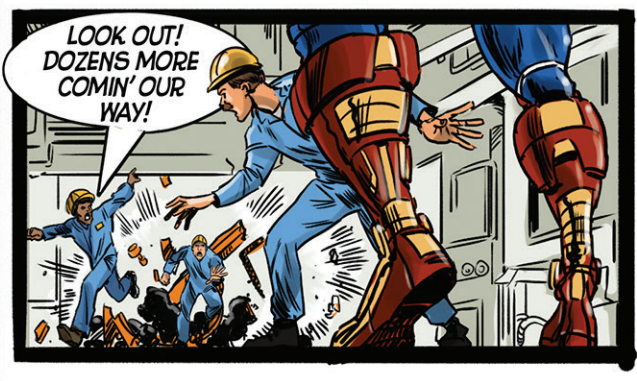
...TO THEIR SINGLE-CELLED, HARMLESS SELVES



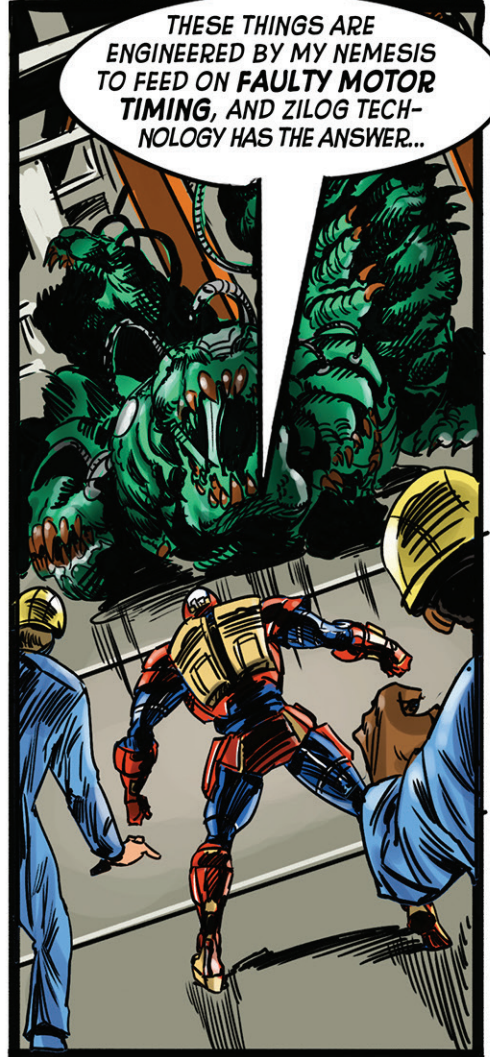
MY MCU'S HAVE THE MOTOR CONTROL CAPABILITY TO ZAP THE STOLEN ENERGY FROM THESE UGLIES...



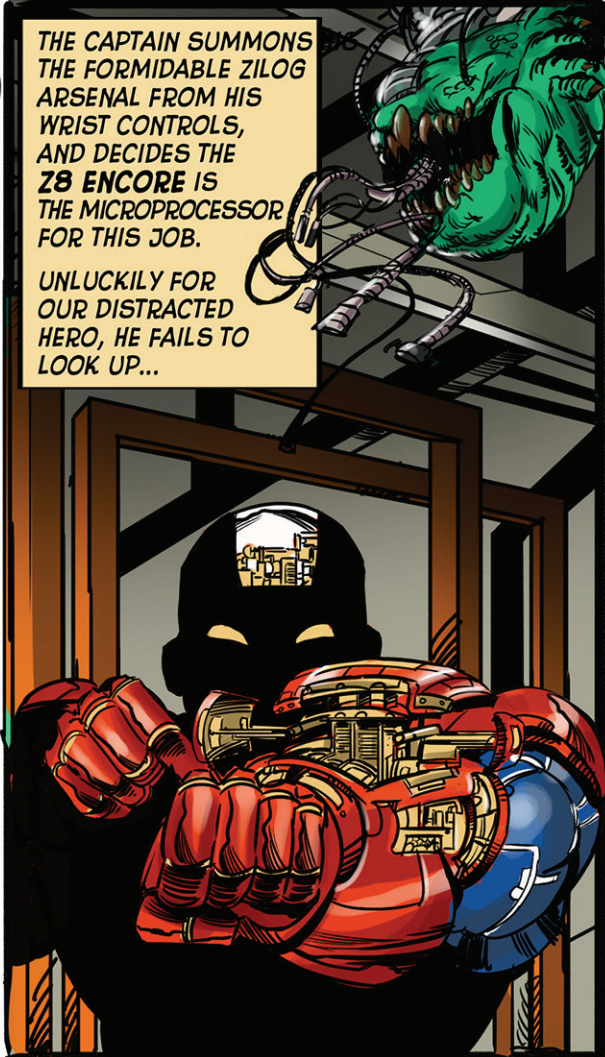
...AND STORE IT FOR THE TRIP HOME, LEAVING NOTHING TO WASTE!



LOOK OUT! DOZENS MORE COMIN' OUR WAY!

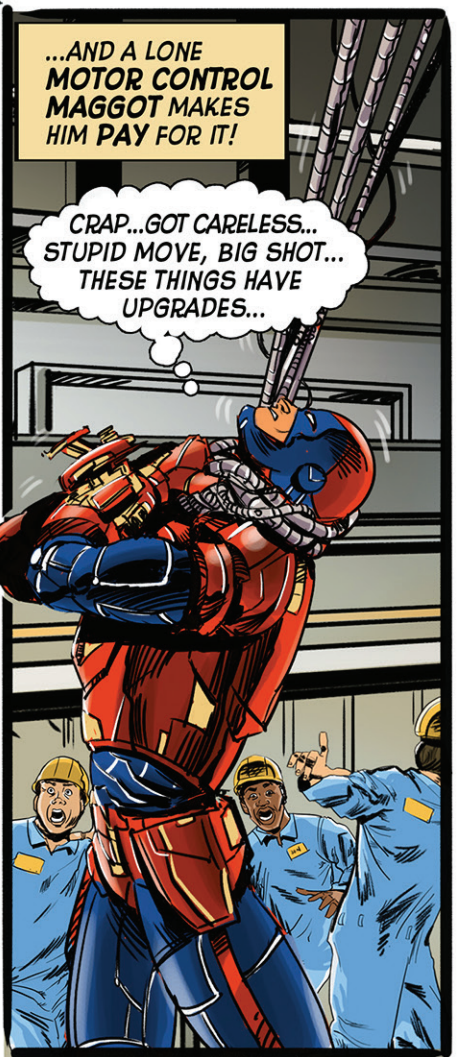


THESE THINGS ARE ENGINEERED BY MY NEMESIS TO FEED ON FAULTY MOTOR TIMING, AND ZILOG TECHNOLOGY HAS THE ANSWER...



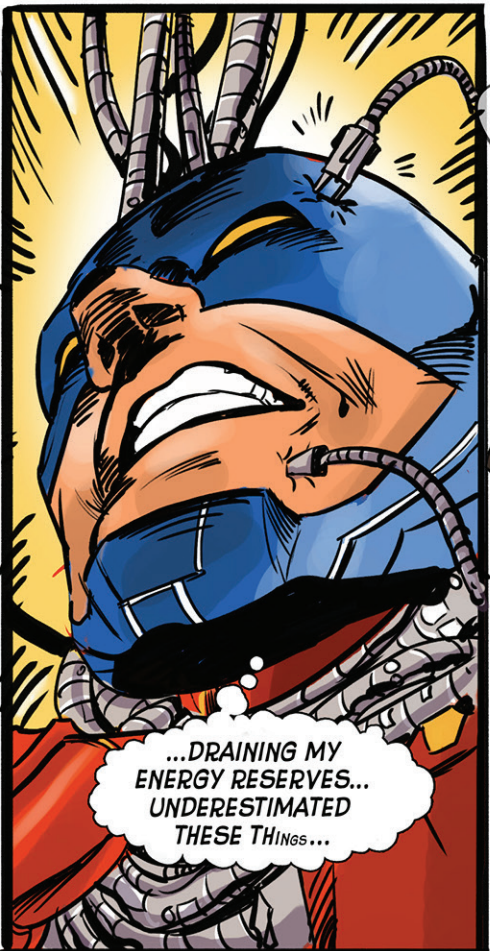
THE CAPTAIN SUMMONS THE FORMIDABLE ZILOG ARSENAL FROM HIS WRIST CONTROLS, AND DECIDES THE Z8 ENCORE IS THE MICROPROCESSOR FOR THIS JOB.

UNLUCKILY FOR OUR DISTRACTED HERO, HE FAILS TO LOOK UP...

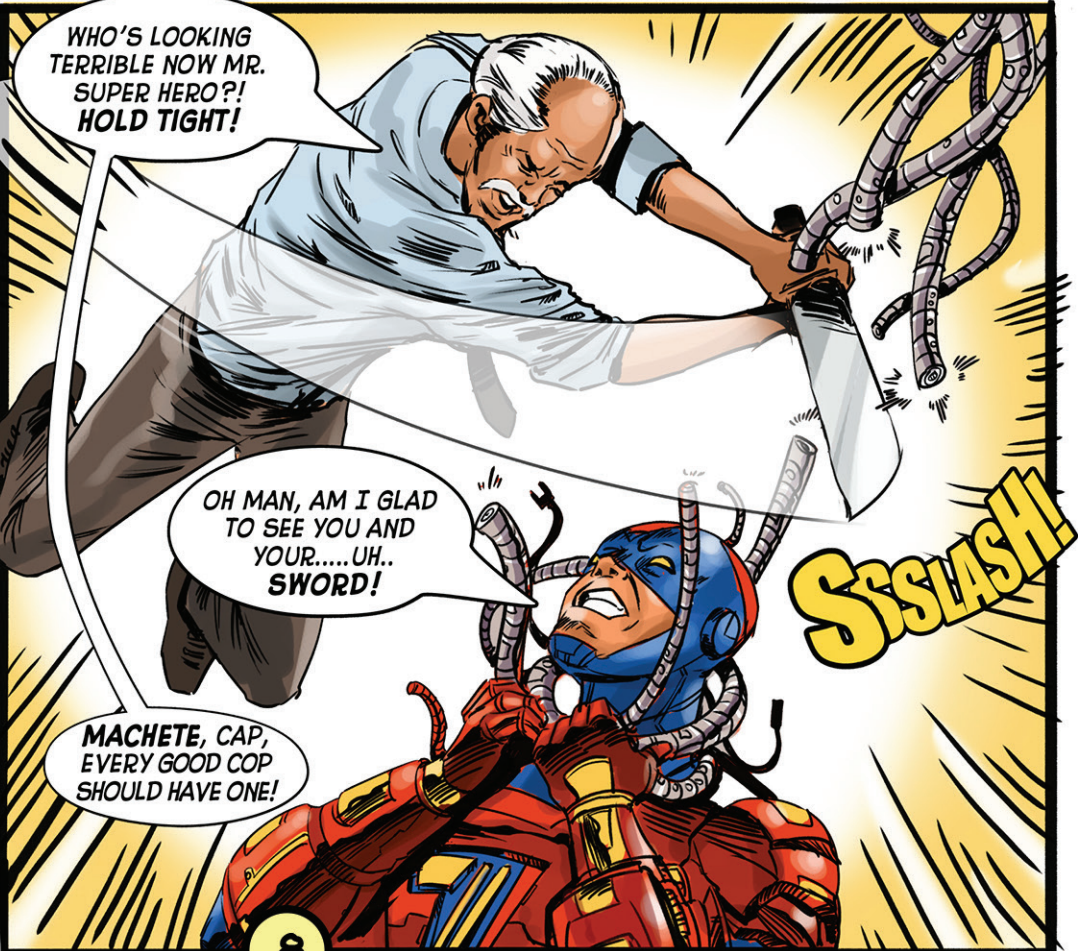


...AND A LONE MOTOR CONTROL MAGGOT MAKES HIM PAY FOR IT!

CRAP...GOT CARELESS... STUPID MOVE, BIG SHOT... THESE THINGS HAVE UPGRADES...



...DRAINING MY ENERGY RESERVES... UNDERESTIMATED THESE THINGS...



WHO'S LOOKING TERRIBLE NOW MR. SUPER HERO?! HOLD TIGHT!

OH MAN, AM I GLAD TO SEE YOU AND YOUR.....UH.. SWORD!

MACHETE, CAP, EVERY GOOD COP SHOULD HAVE ONE!

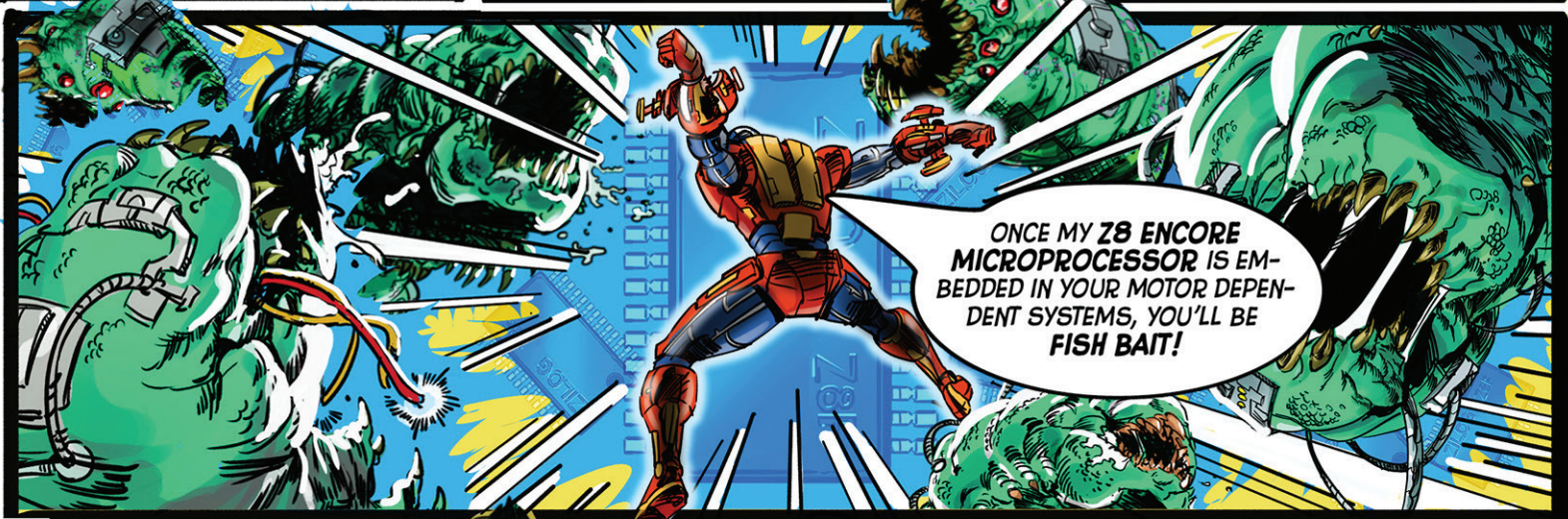
SSSLASH!



I WAS GONNA TAKE IT EASY ON THESE GUYS... BUT NOW I'M MAD!

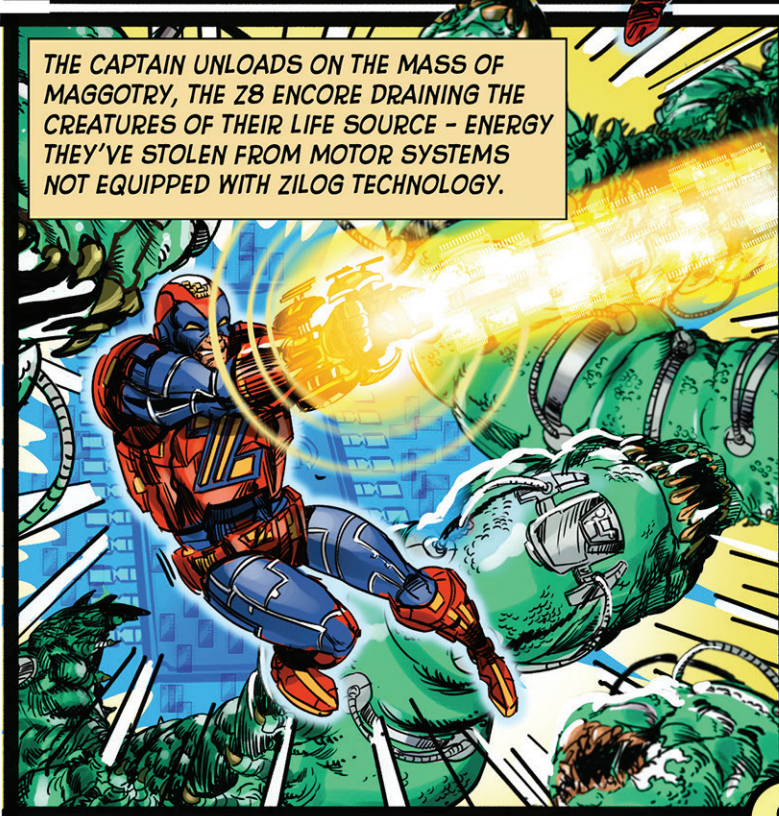


GET THESE PEOPLE OUT OF HERE, CHIEF, WHILE I DEMONSTRATE THE POWER OF ZILOG!



ONCE MY Z8 ENCORE MICROPROCESSOR IS EMBEDDED IN YOUR MOTOR DEPENDENT SYSTEMS, YOU'LL BE FISH BAIT!

THE CAPTAIN UNLOADS ON THE MASS OF MAGGOTRY, THE Z8 ENCORE DRAINING THE CREATURES OF THEIR LIFE SOURCE - ENERGY THEY'VE STOLEN FROM MOTOR SYSTEMS NOT EQUIPPED WITH ZILOG TECHNOLOGY.



AND THIS IS FOR MAKING ME LOOK BAD ON MY FIRST DAY OUT OF RETIREMENT!

POW!

THE BATTLE IS WON! THE WRITHING CYBER-BUGS ARE REDUCED TO HARMLESS MICROBES AS THE CREW CELEBRATES.

YOU DID IT CAPTAIN!

HOW CAN WE REPAY YOU?

WELL YOU CAN SAVE US ALL A GIANT HEADACHE BY USING THE Z8 ENCORE AND IMPROVING MOTOR CONTROL!

DONE, CAPTAIN! I JUST PLACED THE ORDER.

ZILOG CAN PREVENT FUTURE PRODUCTIVITY DISASTERS...

CAPTAIN ZILOG!
YOU'RE AS PREDICTABLE AS YOUR BLASTED TECHNOLOGY!
REMEMBER ME?

THERE'S A UFO IN THE PARKING LOT!
I KNEW THEY WERE REAL!

WHAT'S NEXT FOR CAPTAIN ZILOG? WHO IS HIS MYSTERIOUS ENEMY PILOTING THE FUTURISTIC SPACESHIP? FIND OUT WHEN CAPTAIN ZILOG RETURNS!

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 HOW CAPTAIN ZILOG FIGHTS THE
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