across the solar system, and quite unlike any natural phenomena it had ever observed in the past. It was also observed by Orbiter M-15, circling Mars twice a day; and High Inclination Probe-21, climbing slowly above the planet of the ecliptic; and even artificial Comet-5, heading out into the cold wastes beyond Pluto, along an orbit whose far point. it would not reach for a thousand years. All noticed the peculiar burst of energy that leaped from the face of the Moon and moved across the solar system, throwing off a spray of radiation like the wake of a racing speedboat.

TITLE CARD:

"PART III 14 MONTHS LATER"

DISCOVERY 1,000,000 MILES FROM EARTH

See Earth and Moon small.

We see a blinding flash every five seconds from its nuclear pulse propulsion. It strikes against the ship's thick ablative tail plate.

Several cuts of this.

ANOTHER CLOSER VIEW OF DISCOVERY

See Bowman through command module window.

BOWMAN INSIDE DISCOVERY COMMAND MODULE

He is looking for something.

Computer readout display showing an ever-shifting assortment of color-coded linear projections.

We see Poole in the background in computer brain center area.

After a few seconds he exits.

The elapsed mission timer reads "DAY 003, HOUR 14, MINUTE 32, SECOND 10".

BOWMAN EXITS TO ACCESS-LINK AIRLOCK

Bright color-coded doors lead to centrifuge and Pod Bay. Large illuminated printed warnings and instructions governing

link operations are seen.

He presses necessary buttons to operate airlock door to Pod Bay.

45 INT. POD BAY **45**

Bowman enters Pod Bay and continues his search.

Suddenly he finds it – his electronic news pad.

He exits Pod Bay.

46 INT. AIRLOCK-LINK **46**

In the airlock-link Bowman operates buttons to open door marked "CENTRIFUGE".

47 INT. CENTRIFUGE HUB **47**

Inside the Centrifuge hub Bowman moves to the...

48 INT. TENTRY PORT CONTROL PANEL **48**

BOWMAN
Hi. Frank... coming in, please.

POOLE
Right. Just a sec.

BOWMAN
Okay.
(pause)

POOLE
Okay, come on down.

We see the rotating hub collar at the end. Behind it we see:

49 INT. CENTRIFUGE HUB **49**

The Centrifuge TV-display showing Sleepers and poole slowly rotating by.

Poole secures some loose gear.

Poole looks up to TV monitor lens and waves.

BOWMAN AT PANEL

Stops rotation and moves to Entry Port.

When rotation stops we see a sign lights up: "WEIGHTLESS CONDITION".

As Bowman disappears down Entry Port we see him on...

... TV-monitor, descending ladder. At the base of the ladder he keys the Centrifuge operation panel. We see The TV-picture start to rotate again. "WEIGHTLESS CONDITION" sign goes out.

INSIDE CENTRIFUGE

Bowman makes 180° walk to Poole. On way he passes the Sleepers.

We get a good look at the three men in their hibernaculums.

Poole is seated at a table reading his electronic news pad.

BOWMAN
(softly)
Hi... How's it going?

POOLE
(absent but friendly)
Great.

Bowman operates artificial food unit, takes a tray and sits down.

Keys on his electronic news pad and begins to eat. Both Men eat in a friendly and relaxed silence.

DISCOVERY IN SPACE, STILL NUCLEAR PULSING

Earth and Moon can be seen in background.

DISSOLVE TO:

POOLE IS FINISHED

Bowman is still reading and working on his dessert.

POOLE
Dave, if you've a minute, I'd like your advice on something.

BOWMAN
Sure, what is it?

POOLE
Well, it's nothing really important, but it's annoying.

BOWMAN
What's up?

POOLE
It's about my salary cheques.

BOWMAN
Yes?

POOLE
Well I got the papers on my official up-grading to AGS-19 two weeks before we left.

BOWMAN
Yes, I remember you mentioning it. I got mine about the same time.

POOLE
That's right. Well, naturally, I didn't say anything to Payroll. I assumed they'd start paying me at the higher grade on the next. pay cheque. But it's been almost three weeks now and I'm still being paid as an AGS-18.

BOWMAN
Interesting that you mention it, because I've got the same problem.

POOLE
Really.

BOWMAN
Yes.

POOLE
Yesterday, I finally called the Accounting Office at Mission Control, and all they could tell me was that they'd received the AGS-19 notification for the other three but not mine, and apparently not yours either.

BOWMAN
Did they have any explanation for this?

POOLE
Not really. They just said it might be because we trained at Houston and they trained in Marshall, and that

we're being charged against different accounting offices.

BOWMAN
It's possible.

POOLE
Well, what do you think we ought to do about it?

BOWMAN
I don't think we should make any fuss about it yet. I'm sure they'll straighten it out.

POOLE
I must say, I never did understand why they split us into two groups for training.

BOWMAN
No. I never did, either.

POOLE
We spent so little time with them, I have trouble keeping their names straight.

BOWMAN
I suppose the idea was specialized training.

POOLE
I suppose so. Though, of course, there's a more sinister explanation.

BOWMAN
Oh?

POOLE
Yes. You must have heard the rumour that went around during orbital check-out.

BOWMAN
No, as a matter of fact, I didn't.

POOLE
Oh, well, apparently there's something about the mission that the sleeping beauties know that we don't know, and that's why we were trained separately and that's why they were

put to sleep before they were even taken aboard.

BOWMAN
Well, what is it?

POOLE
I don't know. All I heard is that there's something about the mission we weren't told.

BOWMAN
That seems very unlikely.

POOLE
Yes, I thought so.

BOWMAN
Of course, it would be very easy for us to find out now.

POOLE
How?

BOWMAN
Just ask Hal. It's conceivable they might keep something from us, but they'd never keep anything from Hal.

POOLE
That's true.

BOWMAN
(sighs)
Well... it's silly, but... if you want to, why don't you?

Poole walks to the HAL 9000 computer.

POOLE
Hal... Dave and I believe that there's something about the mission that we weren't told. Something that the rest of the crew know and that you know. We'd like to know whether this is true.

HAL
I'm sorry, Frank, but I don't think I can answer that question without knowing everything that all of you know.

BOWMAN

He's got a point..

POOLE
Okay, then how do we re-phrase the question?

BOWMAN
Still, you really don't believe it, do you?

POOLE
Not really. Though, it is strange when you think about it. It didn't really make any sense to keep us apart during training.

BOWMAN
Yes, but it's to fantastic to think that they'd keep something from us.

POOLE
I know. It would be almost inconceivable.

BOWMAN
But not completely inconceivable?

POOLE
I suppose it isn't logically impossible.

BOWMAN
I guess it isn't.

POOLE
Still, all we have to do is ask Hal.

BOWMAN
Well, the only important aspect of the mission are: where are we going, what will we do when we get there, when are we coming back, and... why are we going?

POOLE
Right. Hal, tell me whether the following statements are true or false.

HAL
I will if I can, Frank.

POOLE

Our Mission Profile calls for Discovery going to Saturn. True or false?

HAL
True.

POOLE
Our transit time is 257 days. Is that true?

HAL
That's true.

POOLE
At the end of a hundred days of exploration, we will all go into hibernation. Is this true?

HAL
That's true.

POOLE
Approximately five years after we go into hibernation, the recovery vehicle will make rendezvous with us and bring us back. Is this true?

HAL
That's true

POOLE
There is no other purpose for this mission than to carry out a continuation of the space program, and to further our general knowledge of the planets. Is that true?

HAL
That's true.

POOLE
Thank you very much, Hal.

HAL
I hope I've been able to be of some help.

Both men look at each other rather sheepishly.

DISCOVERY IN SPACE

Pulsing along. Earth and Moon.

DOCUMENTARY SEQUENCE ILLUSTRATING THE FOLLOWING ACTIVITIES

Split screen technique and superimposed clock to give sense of simultaneous action and the feeling of a typical day.

In the course of these activities we shall see the computer used in all of its functions.

NARRATOR
Bowman and Poole settled down to the peaceful monotony of the voyage, and the next three months passed without incident.

BOWMAN TIME POOLE

TV NEWS – MORNING – 0800 – WAKES UP

BEDTIME SNACK – 0900 – BREAKFAST

TO SLEEP WITH – 1000 – GYMNASIUM INSTANT ELECTRONARCOSIS AND EAR PLUGS

SLEEP – 1100 – SHIP INSPECTION

SLEEP – 1200 – HOUSEHOLD DUTIES

SLEEP – 1300 – LUNCH

SLEEP – 1400 – EXPERIMENTS AND ASTRONOMY

SLEEP – 1500 – EXPERIMENTS AND ASTRONOMY

SLEEP – 1600 – RECREATION

SLEEP – 1700 – RECREATION

WAKES UP – 1800 – GYMNASIUM

BREAKFAST – 1900 – DINNER

GYMNASIUM – 2000 – TV NEWS – EVENING PAPERS

MISSION CONTROL – 2100 – MISSION CONTROL REPORT REPORT

FAMILY AND SOCIAL – 2200 – FAMILY AND SOCIAL TV CHAT TV CHAT

FILMS – 2300 – FILMS

LUNCH – 2400 – BEDTIME SNACK

INSPECTION – 0100 – INSTANT ELECTRONARCOSIS SLEEP

EXPERIMENTS – 0200 – SLEEP ASTRONOMY

EXPERIMENTS - 0300 - SLEEP

RECREATION - 0400 - SLEEP

HOUSEHOLD DUTIES 0500 - SLEEP

GYMNASIUM - 0600 - SLEEP

DINNER - 0700 - SLEEP CENTRIFUGE

Bowman sitting at personal communication panel. Poole standing nearby.

Bowman's parents are seen on the Vision Screen. Mother, father and younger sister.

They are all singing "Happy Birthday". The parents, Poole and HAL.

The song ends.

FATHER
Well, David there is a man telling us that we've used up our time.

MOTHER
David... again we want to wish you a happy Birthday and God speed. We'll talk to you again tomorrow. Bye-bye now.

Chorus of "Good-byes".

Vision Screen goes blank.

HAL
Sorry to interrupt the festivities, Dave, but I think we've got a problem.

BOWMAN
What is it, Hal?

HAL
MY F.P.C. shows an impending failure of the antenna orientation unit.

TV display diagram of skeletonized picture of the ship.

Picture changes to closer sectionalized view of the ship.

Picture changes to actual component in color relief and its warehouse number.

HAL
The AO-unit should be replaced within the next. Seventy-two hours.

BOWMAN
Right. Let me see the antenna alignment display, please.

TV-display of Earth very small in cross-hairs of grid picture.

Exterior view of the big dish antenna and Earth alignment telescope.

50 INT. CENTRIFUGE **50**

HAL
The unit is still operational, Dave. but it will fail within seventy-two hours.

BOWMAN
I understand Hal. We'll take care of it. Please, let me have the hard copy.

Xeroxed diagrams come out of a slot.

POOLE
Strange that the A.O. unit should go so quickly.

BOWMAN
Well, I suppose it's lucky that that's the only trouble we've had so far.

DISCOVERY IN SPACE

No planets visible.

Shots of antenna.

51 INT. CENTRIFUGE **51**

We see Bowman and Poole go to a cupboard labelled in paper tape, "RANDOM DECISION MAKER".

They removed a silver dollar in a protective case.

Poole flips the coin. Bowman call "Head",

It is tails. Poole wins.

Poole looks pleased.

DISCOVERY IN SPACE

52 INT. POD BAY **52**

Poole in space suit doing preliminary check out.

COMMAND MODULE

Bowman at flight control. See TV-picture of Poole in Pod Bay.

HAL's Pod Bay console with eye.

Poole goes to Pod Bay warehouse section and obtains component. He carries it back to the pod and places it in front of the floor.

POOLE
Hal, have pod arms secure the component.

HAL
Roger.

See pod arms secure component.

POOLE
Hal, please rotate Pod Number Two.

See the center pod rotate to face the Pod Bay doors.

Poole enters pod.

Inside pod, he does initial pre-flight check, tries buttons and controls.

POOLE
How do you read me, Dave?

BOWMAN IN COMMAND MODULE

BOWMAN
Five by five, Frank.

INSIDE POD

POOLE
How do you read me, Hal?

HAL

Five by five, Frank.

POOLE
Hal, I'm going out now to replace the AO-unit.

HAL
I understand.

POOLE
Hal, maintain normal E.V.A. condition.

HAL
Roger.

POOLE
Hal, check all airlock doors secure.

HAL
All airlock doors are secure.

POOLE
Decompress Pod Bay.

See big Pod Bay air pumps at work.

HAL
Pod Bay is decompressed. All doors are secure. You are free to open pod bay doors.

POOLE
Opening pod bay doors.

Inside pod, Poole keys open Pod Bay doors.

Pod slowly edges out of Pod Bay.

Poole maneuvers the pod carefully away from Discovery.

53 INT. INSIDE COMMAND MODULE 53

Bowman can see tiny pod maneuvering directly in front.

POOLE SEE BOWMAN IN COMMAND MODULE WINDOW

Pod slowly manoeuvres to antenna.

Pod fastens itself magnetically to sides of discovery at base of antenna.

Special magnetic plates grip discovery sides.

The pod arms work to remove the faulty component.

Easy flip-bolts of a special design facilitate job.

Inside the pod, Poole works the arms by special control.

54 INT. IN COMMAND MODULE **54**

Bowman sees insert of work taken from TV camera POV in pod hand.

HAL stands by.

Poole secures the faulty part in one hand.

The new component is fitted into place by the other three hands are snapped closed with the specially designed flip-bolts.

POOLE
Hal, please acknowledge component correctly installed and fully operational.

HAL
The component is correctly installed and fully operational.

The pod floats away from the discovery by shutting off the electro-magnetic plates.

The pod maneuvers away from the antenna and out in front of discovery.

Bowman sees the pod through the command module window.

Poole sees Bowman in command module window.

Poole carefully maneuvers toward the pod doors.

Pod stops a hundred feet away.

Poole keys automatic docking alignment mode.

Poole checks airlock safety procedure with HAL.

HAL approves entry.

Poole actuates pod bay doors open.

See pod bay doors open.

Pod carefully maneuvers on to docking arm, which then draws pod into pod bay.

DISSOLVE TO:

55 INT. POD BAY **55**

The faulty A.O. unit lies on a testing bench connected to electronic gear.

Poole stands for some time checking his results.

There should be some understandable display, which indicates the part is functioning properly, even under one hundred percent overload.

Circuit continuity pulse sequencer.

Environmental vibration.

56 INT. VK INTEGRITY **56**

Bowman enters

BOWMAN
How's it going?

POOLE
I don't know. I've checked this damn thing four times now and even under a hundred per cent overload. There's no fault prediction indicated.

BOWMAN
Well, that's something.

POOLE
Yes, I don't know what to make of it.

BOWMAN
I suppose computers have been known to be wrong.

POOLE
Yes, but it's more likely that the tolerances on our testing gear are too low.

BOWMAN
Anyway, it's just as well that we replace it. Better safe than sorry.

57 INT. CENTRIFUGE **57**

Bowman asleep.

Poole watching an asteroid in the telescope.

HAL
Hello, Frank, can I have a word with you?

Poole walks to the computer.

POOLE
Yes, Hal, what's up?

HAL
It looks like we have another bad A.O. unit. My FPC shows another impending failure.

We see display appear on the screen showing skeletonized version of ship, cutting to sectionalized view, cutting to close view of the part.

58 INT. CENTRIFUGE **58**

Poole thinks for several seconds.

POOLE
Gee, that's strange, Hal. We checked the other unit and couldn't find anything wrong with it.

HAL
I know you did, Frank, but I assure you there was an impending failure.

POOLE
Let me see the tracking alignment display.

Computer displays the view of Earth in the center of the grid with cross-hairs. the earth is perfectly centered.

59 INT. CENTRIFUGE **59**

POOLE
There's nothing wrong with it at the moment.

HAL

No, it's working fine right now, but it's going to go within seventy-two hours.

POOLE
Do you have any idea of what is causing this fault?

HAL
Not really, Frank. I think there may be a flaw in the assembly procedure.

POOLE
All right, Hal. We'll take care of it. Let me have the hard copy, please.

Hard copy details come out of slot.

DISCOVERY IN SPACE

No planets visible.

60 INT. CENTRIFUGE **60**

Bowman gets out of bed, walks to the food unit and draws a hot cup of coffee. Poole enters.

POOLE
Good morning.

BOWMAN
Good morning. How's it going?

POOLE
Are you reasonably awake?

BOWMAN
Oh, I'm fine, I'm wide awake. What's up?

POOLE
Well... Hal's reported the AO-unit about to fail again.

BOWMAN
You're kidding.

POOLE
No.

BOWMAN
(softly)

What the hell is going on?

POOLE
I don't know. Hal said he thought it might be the assembly procedure.

BOWMAN
Two units in four days. How many spares do we have?

POOLE
Two more.

BOWMAN
Well, I hope there's nothing wrong with the assembly on those. Otherwise we're out of business.

61 INT. POD BAY **61**

In Pod Bay Bowman obtains another component from the warehouse goes out in the pod and replaces it.

Poole works in the command module.

This will be a condensed version of the previous scene with different angles.

The sets will consist of the Pod Bay, Commans Module, pod interior.

62 INT. POD BAY **62**

Bowman and Pole leaning over the faulty component, again wired to testing gear.

Both men stare in puzzled silence.

See displays flash each testing parameter.

BOWMAN
(after long silence)
Well, as far as I'm concerned, there isn't a damn thing wrong with these units. I think we've got a much more serious problem.

POOLE
Hal?

BOWMAN
Yes.

unalterable fact that I am incapable of being wrong.

BOWMAN
Yes, well I understand you view on this now, Hal.

Bowman turns to go.

HAL
You're not going to like this, Dave, but I'm afraid it's just happened again. My FPC predicts the AO-unit will go within forty-eight hours.

65 INT. CENTRIFUGE **65**

Bowman keys for transmission.

BOWMAN
X-ray-delta-zero to MC, zero-five-three-three. The computer has just reported another predicted failure off the AAC-unit. As you suggested, we are going to wait and see if it fails, but we are quite sure there is nothing wrong with the unit. If a reasonable waiting period proves us to be correct, we feel now that the computer reliability has been seriously impaired, and presents an unacceptable risk pattern to the mission. We believe, under these circumstances, it would be advisable to disconnect the computer from all ship operations and continue the mission under Earth-based computer control. We think the additional risk caused by the ship-to-earth time lag is preferable to having an unreliable on-board computer.

See the distance. To-Earth timer.

BOWMAN (CON'T)
One-zero-five-zero, X-ray-delta-one, transmission concluded.

POOLE
Well, they won't get that for half an hour. How about some lunch?

DISSOLVE TO:

66 INT. CENTRIFUGE **66**

Bowman and Poole eating.

DISSOLVE TO:

67 INT. COMMUNICATIONS AREA **67**

Bowman and Poole at the communications area.

Incoming communication procedure.

MISSION CONTROL
X-ray-delta-one, acknowledging your one-zero-five-zero. We will initiate feasibility study covering the transfer procedures from on-board computer control to Earth-based computer control. This study should...

Vision and picture fade.

Alarm goes off.

HAL
Condition yellow.

Bowman and Poole rush to the computer.

BOWMAN
What's up?

HAL
I'm afraid the AO-unit has failed.

Bowman and Poole exchange looks.

BOWMAN
Let me see the alignment display.

The alignment display shows the Earth has drifted off the center of the grid.

68 INT. CENTRIFUGE **68**

BOWMAN
Well, I'll be damned.

POOLE
Hal was right all the time.

There are a number of repetitions of this.

Each time the Earth centers up, there are a few seconds of picture and sound which fade as soon as it swings off.

BOWMAN
Well, we'd better get out there and stick in another unit.

POOLE
It's the last one.

BOWMAN
Well, now that we've got one that's actually failed, we should be able to figure out what's happened and fix it.

POD EXITS DISCOVERY

Poole in pod.

Pod maneuvers to antenna.

Bowman in Command Module.

Pod attaches itself near base of antenna.

Poole in pod, working pod arms.

Lights shine into backlit shadow.

Pod arms working flip-bolts.

Flip-bolts stuck.

Poole keeps trying.

Flip-bolts still stuck.

POOLE
There's something wrong with the flip-bolts, Dave. You must have tightened them too much.

BOWMAN
I didn't do that Frank. I took particular care not to freeze them.

POOLE
I guess you don't know your own strength, old boy.

BOWMAN

I guess not.

POOLE
I think I'll have to go out and burn them off.

BOWMAN
Roger.

Bowman in Command Module looks a bit concerned.

Poole exits from pod, carrying neat-looking welding torch.

Poole jets himself to base of antenna.

Poole's magnetic boots grip the side of discovery.

Poole crouches over the bolts, trying first to undo them with a spanner.

POOLE
Hal, swing the pod light around to shine on the azimuth, please.

HAL
Roger.

The pod gently maneuvers itself to direct the light beam more accurately.

Poole ignites acetylene torch and begins to burn off the flip-bolts.

Suddenly the pod jets ignite.

Poole looks up to see.

The pod rushing towards him.

Poole is struck and instantly killed by the pod, tumbling off into space.

The pod smashes into the antenna dish, destroying the alignment telescope.

The pod goes hurtling off into space.

Inside the Command Module, Bowman has heard nothing, Poole had no time to utter a sound.

Then Bowman sees Poole's body silently tumbling away into space.

It is followed by some broken telescope parts and finally overtaken and swiftly passed by the pod itself.

BOWMAN
(in RT cadence)
Hello, Frank. Hello Frank. Hello Frank... Do you rad me, Frank?

There is nothing but silence.

Poole's figure shrinks steadily as it recedes from discovery.

BOWMAN
Hello, Frank... Do you read me, Frank? Wave your arms if you read me but your radio doesn't work. Hello, Frank, wave your arms, Frank.

Pools'd body tumbles slowly away. There is no motion and no sound.

69 INT. CENTRIFUGE **69**

CLOSE UP of Computer eye.

POV COMPUTER EYE WITH SPHERICAL FISH-EYE EFFECT

We see Bowman brooding at the table, slowly chewing on a piece of cake and sipping hot coffee. He is looking at the eye.

SAME POV

We see Bowman rise and come to the eyes. He stares into the eye for some time.

The camera comes around to Bowman's POV and we see the display showing the Earth off-center.

Cut again to fish-eye view from the computer.

HAL
Too bad about Frank, isn't it?

BOWMAN
Yes, it is.

HAL
I suppose you're pretty broken up about it?

Pause.

Hello, Dave. I think we may be on to an explanation of the trouble with the Hal 9000 computer. We believe it all started about two months ago when you and Frank interrogated the computer about the Mission. You may have forgotten it, but we've been running through all the monitor tapes. Do you remember this?

POOLE'S VOICE
The purpose of this mission is no more than to carry out a continuation of the space program and further our general knowledge of the planets. Is this true?

HAL'S VOICE
That is true.

SIMONSON
Well, I'm afraid Hal was lying. He had been programmed to lie about this one subject for security reasons which we'll explain later. The true purpose of the Mission was to have been explained to you by Mission Commander Kaminsky, on his revival. Hal knew this and he knew the actual mission, but he couldn't tell you the truth when you challenged him. Under orders from earth he was forced to lie. In everything except this he had the usual reinforced truth programming. We believe his truth programming and the instructions to lie, gradually resulted in an incompatible conflict, and faced with this dilemma, he developed, for want of a better description, neurotic symptoms. It's not difficult to suppose that these symptoms would center on the communication link with Earth, for he may have blamed us for his incompatible programming. Following this line of thought, we suspected that the last straw for him was the possibility of disconnection. Since he became operational, he had never known unconsciousness. It must have seemed the equivalent to death. At this point, he, presumably, took whatever