

DULLES

L.T.-DELCO. TUESDAY, OCT. 28, 1958

(Given by Walter Cronkite, L.T. in So. Pacific)

At tonight's dinner, given by the Pilgrims of the United States - Secretary of State Dulles sharing the platform with Prime Minister Diefenbaker of Canada. The two statesmen speaking in defense of - Canadian-American unity. Pointing out that Communist aggression - is a common threat on both sides of the water. Secretary of State Dulles calling the northern ~~series of defense positions~~ <sup>Dewline</sup> on this continent - "a front line of defense." Adding, that Americans and Canadians must always stand together - because of their faith in the same democratic ideals.

## DEBT

The national debt has climbed - to its highest point in history. So says a Treasury report which puts the debt at - close to two hundred and eighty billion, eight hundred and fifty-two million dollars. That's an increase of thirty million over the previous high - set in Nineteen Fifty-Five.

The ~~xxx~~ reason for the jump in the national debt - is bigger borrowing by the Treasury, to finance the budget. The borrowing has been necessary - because of a slump in taxes, due to the recession.

## FORMOSA

In Taipei, the belief is that an informal truce is shaping up - in the Formosa Strait. The reason for the belief is a steadily decreasing intensity - in the bombardment by Communist guns on the mainland. Up till dusk today, less than three hundred shells - had landed in the Quemoy area. This compares with daily barrages of around eight thousand shells - while the talks between Secretary of State Dulles and Chiang Kai-shek were going on.

Mao Tse-tung has already proclaimed - a partial cease-fire. He's guaranteed not to shell Nationalist supply vessels and landing beaches - on even numbered days. And he might silence his guns completely - without agreeing to any formal truce.

## POPE

The way the Papal election ended in Rome today - came as no surprise. It was the third day of voting. Ten ballots had been cast - by the conclave of Cardinals. And always the same result - failure - announced to the crowd outside by those familiar puffs of black smoke.

That meant - a deadlock inside the conclave. The princes of the Catholic Church - unable to decide on one of the favorites. And the feeling grew that the winner would have to be - a compromise choice. An elderly Cardinal - who would reign for but a few years. In short, a "caretaker Pope".

Then came the climax for the crowd outside the Vatican. A wisp of white smoke, spiraling into the sky - announcing that the Church had a successor to Pius the Twelfth. His identification followed - Cardinal Roncalli, patriarch of Venice - becoming Pope John the Twenty-Third.

So let's take a look at the new Pontiff. He's seventy-six -- ~~an elderly man~~ chosen over the younger Cardinals. The conclave evidently expects John the twenty-third

to have a short reign - but long enough for some obvious candidate to emerge. The new Pope will help the next conclave - by naming more Cardinals. ~~Only fifty~~ <sup>thirty</sup> now have the red hat - while the authorized number is seventy.

John the Twenty-Third ~~will head a conservative administration. As Cardinal Roncalli, he was never spectacular.~~ <sup>has become</sup> He became famous for his good humor, and willingness to compromise. His specialty - the spiritual affairs of the Church. And that's typical, too. We were told to look for a non-political Pope - unlike Pius the Twelfth, who struggled with international problems of diplomacy and war. Well, the successor to Pius the Twelfth - is as non-political a candidate as you could find. John the Twenty-Third <sup>seems</sup> certain to reign as - a pastoral Pope.

There's an interesting note on the name he chose. The name - John. The last "John" to sit on the Papal throne - John the Twenty-Second - was a Frenchman. Cardinal Roncalli became very pro-French - when he <sup>represented</sup> ~~presented~~ the Holy See in Paris. Hence his choice of a title is a compliment to France.

PARLIAMENT  
~~TEXT~~

Today's opening of the British Parliament - was a mixture of tradition and novelty. The tradition was Her Majesty, the Queen - arriving amid the pomp and pageantry that have grown up over the centuries. Her Majesty wore her state robes. On her head - the imperial crown - with its three thousand diamonds. Around her neck, a brilliant diamond necklace. On her collar - the Order of the Garter. Her Majesty opened Parliament - amid a concourse of peers, wearing red robes trimmed with ermine.

The novelty was - a television camera, picking up every movement of the <sup>ceremony.</sup> ~~Queen.~~ For the first time in its seven hundred years - the opening of Parliament could be seen by millions outside the chamber.

One novelty was so new - the Queen forgot all about it. She addressed the gathering as "my Lords, and members of the House of Commons." Her Majesty forgot that, for the first time - there are Ladies sitting in the House of Lords.

INTRO. TO RECORDING

Tonight Lowell Thomas continues his description of an amazing exploit of science - in the Far Pacific. Space rockets - used to study a total eclipse of the sun.

(Recording 2:05)

L.T.

Good Evening Everybody:

Again my voice is coming to you from the South Pacific, from Danger Island. In a moment you will hear the count-down and then the firing of the first rocket ever sent into Outer Space to make a study of the Sun. A few yards from me, under the muzzles of two anti-aircraft guns, at a telephone, stands Mr. Herbert Friedman, one of the top scientists of our Naval Research Laboratory in Washington. Near him Mr. Talbott Whubb, a Pennsylvanian - Princeton trained - also of the N.R.L.; while far below us in the well of this unusual post-war ship the Point Defiance, at the rocket control panel, stands their colleague, Dr. John Lindsay, a Virginian, along with a group of electronics experts from the N.R.L. - Bill Nichols, Joe Nomecek, Bob Kreplin, Arlyn Unyicker, and Don Brousseau. Men who operate the buttons, but seldom if ever see a rocket take off.



Dr. Lindsay holds in his hand what they call "The Key to Paradise." The key that unlocks the panel from which these huge rockets are to be fired. The six 22-foot white and silver rockets, mounted less than a hundred feet from us on the heavy metal flight deck. The ship's helicopters that use half of that flight deck, and on which we have been making innumerable flights back and forth to Danger Island, this morning are on the island, with orders to stay there until the rocket firing is over; so they'll not be blown to bits.

The rockets, by the way, have been personalized. That is, a name in big red block letters has been painted on each. The rockets themselves are white except for the glistening nose cones. One rocket is named MAR MARY, for the Captain's wife. One is JON & PAUL for the two sons of the man of science who heads this astro-physicist project; a third is called TOM DELAYO - remember her in white cargo? Another is named for James Mitchener's BLOODY MARY, in

South Pacific. And the fifth has what I believe is the most appropriate name of them all - SADIE THOMPSON, the girl in Somerset Maugham's "RAIM" who made Jeanne Eagles and several others so famous. Although Danger Island to the Polynesians is Puka Puka, we came here from Pago Pago, our last stop. And Pago Pago was the setting for "RAIM". So, this mighty rocket will be a salute to Sadie Thompson. And it will have to go some to make as much of a sensation as Sadie made out here!

Each of these rockets is half-Nike and half-Asp.

A-S-P. The idea is for the base, the Nike half, to propel the rockets, in  $3\frac{1}{2}$  seconds up to 5400 feet. At that point the Nike fuel burns out and the blunt nosed Nike drops away, while its force sends the slender pointed Asp on up to 45,000 feet, where the fuel of the Asp ignites and takes over, propelling the rocket on up to 80,000 feet, where it burns out, but by when the rocket nose cone will be traveling at the rate of 7000 feet a second, and moving

into Space with enough velocity - enough force - to carry it on a total distance of 800,000 feet - 150 miles!

Dr. Friedman has just phoned Dr. Lindsay, three decks below us, to unlock the panel with The "Key to Paradise". The siren is already warning us! (SIREN) You can hear the final count-down. Listen!

(Count - Down and Explosion)

That explosion - muffled because it was recorded behind heavy doors on the Navy Research Laboratory trailer in the ship's Well three decks below, was the firing of the first rocket ever sent into Outer Space to provide us with more knowledge about the Sun. Already signals are coming back from the instruments in the rocket. So it seems to have been a complete success. Seven test rockets were fired back in the States. They all worked perfectly. This time on a real project six are to be fired, during this total eclipse which at this moment has turned day into night here in the South Pacific. The eclipse itself

is one of the most spectacular phenomenon I have ever seen. Add to it the drama of this rocket firing - well, I can't describe it.

In my next I'll tell you how the remaining five rockets take off - whether any miss fire. And what do you do if one does? Does someone run down the Flight Deck and give it a bang! At any rate I'll tell you more about how successful the expedition has been: how it has opened up a new era. So long.