
asa
ANALYTICS
ChemScan®
Multi Sample,
Multi Parameter
Wastewater Analysis
– Nutrients
– Disinfection Control
Potable Water Analysis
– Chloramination
– Water Blending
ChemScan
ChemScan® mini
Affordable Single Sample,
Single Parameter Analysis
asaAnalytics.com
asa
ANALYTICS

1
00:00:05,510 --> 00:00:03,510
technology development is the key to our

2
00:00:07,110 --> 00:00:05,520
future if you look at everything that we

3
00:00:08,870 --> 00:00:07,120
want to do whether it's a heavy left

4
00:00:11,190 --> 00:00:08,880
launch vehicle

5
00:00:12,390 --> 00:00:11,200
multi-purpose crew vehicle commercial

6
00:00:15,030 --> 00:00:12,400
crew

7
00:00:16,470 --> 00:00:15,040
everything we do is dependent on on

8
00:00:17,990 --> 00:00:16,480
improving on the technologies that we

9
00:00:19,910 --> 00:00:18,000
have today because we've got to go

10
00:00:21,830 --> 00:00:19,920
farther faster

11
00:00:24,950 --> 00:00:21,840
and we've got to find better ways to do

12
00:00:29,750 --> 00:00:27,349
each year we do this we come to capitol

13
00:00:31,910 --> 00:00:29,760

hill bring a little slice of nasa's

14
00:00:34,069 --> 00:00:31,920
technology uh so that we can explain to

15
00:00:37,590 --> 00:00:34,079
you um just what we're up to uh to give

16
00:00:39,830 --> 00:00:37,600
you some taste of the many uh activities

17
00:00:41,910 --> 00:00:39,840
that we're engaged in uh it's a simple

18
00:00:44,069 --> 00:00:41,920
message the message is when we invest in

19
00:00:45,910 --> 00:00:44,079
new technology we invest in nasa's

20
00:00:50,470 --> 00:00:45,920
future but we're also making an

21
00:00:54,069 --> 00:00:52,229
what you're seeing here today are not

22
00:00:55,029 --> 00:00:54,079
only great ideas that benefit the space

23
00:00:56,950 --> 00:00:55,039
program

24
00:01:00,069 --> 00:00:56,960
you're seeing great ideas that have

25
00:01:01,990 --> 00:01:00,079
turned into products services that bring

26
00:01:03,910 --> 00:01:02,000
wealth as perfect that

27
00:01:08,070 --> 00:01:03,920
that congressman robert bocker explained

28
00:01:10,630 --> 00:01:09,030
nasa's

29
00:01:12,630 --> 00:01:10,640
just started a new program the space

30
00:01:14,310 --> 00:01:12,640
technology program it's one of several

31
00:01:17,190 --> 00:01:14,320
technology programs at the agency but

32
00:01:19,350 --> 00:01:17,200
it's where you find a home for the very

33
00:01:20,550 --> 00:01:19,360
early stage all the way through

34
00:01:22,310 --> 00:01:20,560
the final stage of technology

35
00:01:24,630 --> 00:01:22,320
development at the agency

36
00:01:27,030 --> 00:01:24,640
we've started started last year

37
00:01:28,870 --> 00:01:27,040
we've now got over a thousand projects

38
00:01:30,789 --> 00:01:28,880

underway uh it's been a massive

39
00:01:31,990 --> 00:01:30,799
undertaking it was stood up very quickly

40
00:01:33,429 --> 00:01:32,000
and we're proud to say that we've had a

41
00:01:37,429 --> 00:01:33,439
lot of early successes and you're seeing

42
00:01:41,030 --> 00:01:39,350
the range of activities we undertake

43
00:01:42,789 --> 00:01:41,040
within the space technology program is

44
00:01:45,109 --> 00:01:42,799
so broad because we're trying to be

45
00:01:46,870 --> 00:01:45,119
broadly relevant across nasa we're also

46
00:01:48,550 --> 00:01:46,880
trying to be sure that we capture ideas

47
00:01:50,069 --> 00:01:48,560
the good ideas from wherever they may

48
00:01:51,670 --> 00:01:50,079
come whether they come from small

49
00:01:53,749 --> 00:01:51,680
businesses it's a story that is being

50
00:01:55,190 --> 00:01:53,759
told here today or from academia where

51
00:01:57,109 --> 00:01:55,200
i'm from originally

52
00:01:58,709 --> 00:01:57,119
from large businesses elsewhere within

53
00:02:03,910 --> 00:01:58,719
nasa and other government agencies we're

54
00:02:09,910 --> 00:02:06,789
you can pack 10 times as much data into

55
00:02:12,229 --> 00:02:09,920
a laser beam and send that from mars

56
00:02:13,830 --> 00:02:12,239
than you can with typical radios

57
00:02:14,949 --> 00:02:13,840
that's an exciting idea not just because

58
00:02:16,470 --> 00:02:14,959
it sounds like a little bit of science

59
00:02:18,470 --> 00:02:16,480
fiction but because it's at the tipping

60
00:02:20,550 --> 00:02:18,480
point a little bit more investment will

61
00:02:30,470 --> 00:02:20,560
actually get us that capability that's

62
00:02:34,790 --> 00:02:32,229
because we hope you'll just

63
00:02:37,190 --> 00:02:34,800

we appreciate all of them and the others

64
00:02:38,869 --> 00:02:37,200
who we hope will continue

65
00:02:40,630 --> 00:02:38,879
what happens to all of us you can crash

66
00:02:43,110 --> 00:02:40,640
in my place later

67
00:02:51,750 --> 00:02:43,120
um so so thank you and and thanks so

68
00:02:55,350 --> 00:02:52,790
general

69
00:02:56,470 --> 00:02:55,360
being introduced into the commercial

70
00:02:58,070 --> 00:02:56,480
sector

71
00:03:01,270 --> 00:02:58,080
one of those that nasa has played a

72
00:03:05,830 --> 00:03:03,110
let me welcome

73
00:03:26,390 --> 00:03:05,840
everyone to this great event and

74
00:03:26,400 --> 00:03:43,670
so thank you very much

75
00:03:43,680 --> 00:04:13,350
oh perfect

76
00:04:18,310 --> 00:04:15,589
so that uh can upgrade the capability

77
00:04:19,509 --> 00:04:18,320
onboard the spacecraft after it's left