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Page 3: Submitter Information

Q1

Personal Information

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Q2

No

Are you making this submission on behalf of a business or organisation?

Q3

Yes

Would you like to be kept informed of the outcome of the Space Policy Review?

Q4

Yes

Are you happy for MBIE to contact you if we have questions about your submission?

Q5

Respondent skipped this question

Privacy

Q6

Release of Information

I understand that if there is other information in this submission that I do not wish to be released, I will email this to spacepolicyreview@mbie.govt.nz with the subject line "Release of information", together with my reasons for withholding the information and grounds under the Official Information Act 1982, for consideration by MBIE

Page 4: New Zealand's interests in space

Q7

What are your interests and relationship to space? Pick as many as apply below:

Academic involvement on space issues,

Other (please specify):

Worked in Satellite Communication Industry

Q8

Please note any other interests and relationship to space below that you would like to share.

Product development, Planning and Commissioning of Teleports of C, Ku, Ka Band Satellite.
Link Budgeting, GSM Backhauling

Page 5: New Zealand's values in space

Q9

To what extent do you agree or disagree that these values should apply to New Zealand's space activities and engagements?

Innovation	Strongly agree
Responsibility	Strongly agree
Stewardship	Agree
Partnership	Strongly agree

Q10

Respondent skipped this question

Are there any other values, or aspects of kaitiakitanga (guardianship), that you think should apply to New Zealand's space activities and engagements? For example, cultural values regarding space.

Page 6: New Zealand's space policy objectives

Q11

Rank these key policy objectives in order of importance to you: Click and drag to reorder the objectives from 1 (most important) to 5 (least important)

Growing an innovative and inclusive space sector	1
Modelling sustainable space and Earth environments	4
Promoting the responsible uses of space internationally	5
Protecting and advancing our national security and economic interests	3
Regulating to ensure space activities are safe and secure	2

Page 7: Growing an innovative and inclusive space sector

Q12

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to grow an innovative and inclusive space sector?

Promoting New Zealand's natural advantage for conducting space activities, and research and development expertise across the space value chain **Strongly agree**

Partnering within New Zealand and internationally to increase research and development capabilities **Agree**

Identifying opportunities to increase diversity in the space sector **Strongly agree**

Using cutting-edge space technology and space sourced data to support New Zealand's values and interests **Agree**

Q13

Do you have any comments on these policy objectives? (e.g. any suggested change to how they are framed? Is there anything missing?)

Use skilled migrants of New Zealand in the space industry who have much more experience and contribute to New Zealand as their home, Like myself, who launched Ka-band satellites and has 20+ years of experience in the Satcom industry but due to not considered working in another field.

Q14

Are there any other policy objectives that you think would help the New Zealand government to grow an innovative and inclusive space sector?

Smart Farming through Satcom, GSM backhauling to unconnected rural areas, telemedicine to overcome the shortage of medical staff, and intelligent spectrum management for frequency regulation. Innovative transportation system with real-time tracking nationwide. Setup up international teleports in dry cities of New Zealand for international connectivity.

Q15

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Q16

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to promote the responsible uses of space internationally?

- | | |
|---|-----------------------|
| Advocating for effective international rules, norms and standards in space | Agree |
| Partnering with like-minded launch states to adopt peaceful, responsible and sustainable space practices | Strongly agree |
| Collaborating internationally to increase New Zealand's influence and capabilities in the global space sector | Strongly agree |
-

Q17

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Allow all New Zealand citizens to be considered in the Satcom industry regardless of their ethnicity

Q18

Are there any other policy objectives that you think would help the New Zealand government to promote the responsible uses of space internationally?

Investment in New Zealand-based teleports, promote IOT over Satcom

Q19

Do you have any questions or comments about what these objectives would mean in practice?

Ask for expressions of interest from New Zealand citizens to be involved in the space sector program based on their expertise.

Page 9: Protecting and advancing our national security and economic interests

Q20

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to protect and advance our national security and economic interests?

- | | |
|---|-----------------------|
| Use space assets to protect and advance New Zealand's national security and economic interests | Strongly agree |
| Manage the broad range of security risks in space to protect New Zealand's space industry | Strongly agree |
| Collaborate with international space and security partners to pursue New Zealand's national security and economic interests | Agree |
-

Q21

Respondent skipped this question

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Q22

Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to protect and advance our national security and economic interests?

Q23

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Page 10: Modelling sustainable space and Earth environments

Q24

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to model sustainable space and Earth environments?

Encouraging inclusive, sustainable space collaborations within New Zealand **Strongly agree**

Assessing the cumulative impact of space activities on the Earth environment **Agree**

Assisting with solving sustainability challenges through space data, including to better monitor or understand the Earth's environment **Agree**

Investing in New Zealand's capability to retain, grow, access and use sustainable space technologies **Strongly agree**

Q25

Respondent skipped this question

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Q26

Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to model sustainable space and Earth environments?

Q27

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Page 11: Regulating to ensure space activities are safe and secure

Q28

To what extent do you agree or disagree that these policy objectives will help the New Zealand government to promote the responsible uses of space internationally?

Facilitating the safe and secure use of emerging space technologies from New Zealand **Strongly agree**

Clarifying what New Zealand space activities are inconsistent with the national interest **Strongly agree**

Promoting and protecting New Zealand's interests through permitting space technologies **Strongly agree**

Q29

Respondent skipped this question

Do you have any comments on these policy objectives (e.g. any suggested change to how they are framed? Is there anything missing?)

Q30

Respondent skipped this question

Are there any other policy objectives that you think would help the New Zealand government to ensure space activities are safe and secure?

Q31

Respondent skipped this question

Do you have any questions or comments about what these objectives would mean in practice?

Page 12: Regulating in line with our national interests

Q32

Are there any comments you would like to make about these criteria that inform consideration of the national interest?

Engage New Zealand citizens in space program regardless of ethnicities

Q33

Respondent skipped this question

What questions do you have about how the national interest is considered in practice?
