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Page 3: Submitter Information

Q1

Personal Information

Name

Roland Sommer on behalf of Aerospace Christchurch.

Email Address



Q2

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

Yes (Please tell us your company/organisation):
Aerospace New Zealand Inc trading as Aerospace Christchurch

Page 4: New Zealand's interests in space

Q7

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

General interest in space,
Work in the New Zealand space sector,
Other (please specify):
Catalysing a broad space industry in New Zealand and executing the Christchurch Aerospace Sector Plan.

Q8

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

Catalysing a broad space industry in New Zealand and executing the Christchurch Aerospace Sector Plan.

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	Agree
Responsibility	Strongly agree
Stewardship	Strongly agree
Partnership	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)

Modelling sustainable space and Earth environments	1
Promoting the responsible uses of space internationally	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	Agree
Partnering within New Zealand and internationally to increase research and development capabilities	Strongly agree
Identifying opportunities to increase diversity in the space sector	Agree
Using cutting-edge space technology and space sourced data to support New Zealand's values and interests	Agree

Q13

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?)

Q14

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

NZSA should build general public awareness of the space industry and it's future importance

The NZ government should invest more in infrastructure and space projects to catalyse the industry (this is currently lacking)

The NZ government should aim to procure space services from NZ companies first, before reviewing international options (to catalyse our industry)

Q15

Respondent skipped this question

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

Page 8: Promoting the responsible uses of space internationally

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 **Strongly 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

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?)

Q18

Respondent skipped this question

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

Q19

Respondent skipped this question

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

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	Neither agree nor disagree
Manage the broad range of security risks in space to protect New Zealand's space industry	Neither agree nor disagree
Collaborate with international space and security partners to pursue New Zealand's national security and economic interests	Neither agree nor disagree

Q21

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

The section should differentiate between economic objectives and security objectives, they are totally separate issues. Aerospace Christchurch is committed to the peaceful use of space but also committed to building an economic industry – through peaceful applications although recognising the dual use potential of many applications including earth observation.

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

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

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?

A definition of what 'sustainable' means in the context of this policy. Is it adherence to the all the UN Sustainability Development Goals, a subset, or some other definition?

Q33

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

How will the Minister differentiate when there is a clear issue of dual use i.e de-orbiting technology which can be used for clearing space debris which fits with New Zealand values, but equally can be used to aggressively de-orbit operational satellites? Ditto most high-resolution Earth observation systems, which fit with our values when used for applications such as disaster relief, firefighting and coral bleaching but also can be used for monitoring troop and armament movements in conflict zones.
