

1. MSC Assessment of New Zealand Ling Fisheries

Ling (*Genypterus blacodes*)

Fisheries:

- **Trawl:** LIN2, LIN3, LIN4, LIN5, LIN6, & LIN7
- **Longline:** LIN2, LIN3, LIN4, LIN5, LIN6, & LIN7



Principle 1:			
P.I.	80 Scoring Guidelines	Fishery	References
1.1.1	Stock Status - Stock at a level which maintains high productivity	LIN2	<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • Horn, P.L.; Francis, R.I.C.C. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) in Cook Strait for the 2010–11 fishing year. New Zealand Fisheries Assessment Report 2013/7. 35 p.
		LIN3	<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • Horn, P.L.; Dunn, M.R.; Ballara, S.L. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) on the Chatham Rise (LIN 3&4) and in the Sub-Antarctic (LIN 5&6) for the 2011–12 fishing year. New Zealand Fisheries Assessment Report 2013/6. 87 p.
		LIN4	<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • Horn, P.L.; Dunn, M.R.; Ballara, S.L. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) on the Chatham Rise (LIN 3&4) and in the Sub-Antarctic (LIN 5&6) for the 2011–12 fishing year. New Zealand Fisheries Assessment Report 2013/6. 87 p.
		LIN5	<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • Horn, P.L.; Dunn, M.R.; Ballara, S.L. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) on the Chatham Rise (LIN 3&4) and in the Sub-Antarctic (LIN 5&6) for the 2011–12 fishing year. New Zealand Fisheries Assessment Report 2013/6. 87 p.
		LIN6	<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • Horn, P.L.; Dunn, M.R.; Ballara, S.L. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) on the Chatham Rise (LIN 3&4) and in the Sub-Antarctic (LIN 5&6) for the 2011–12 fishing year. New Zealand Fisheries Assessment Report 2013/6. 87 p.

			Report 2013/6. 87 p.
		LIN7	<ul style="list-style-type: none"> MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> Horn, P.L.; Francis, R.I.C.C. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) in Cook Strait for the 2010–11 fishing year. New Zealand Fisheries Assessment Report 2013/7. 35 p.
1.1.2	Reference Points - Appropriate limits and reference points for the stock	ALL	<ul style="list-style-type: none"> MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard (Review)</i>. Ministry of Fisheries. June 2011. 80p MPI (2008) <i>Harvest Strategy Standard for New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p MPI (2007) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. December 2007. 68p MPI (2006) <i>Harvest Strategy Standard – Standards for Stocks managed under s 13 of the Fisheries Act. Discussion Document</i>. Ministry of Fisheries. November 2006. 50p
1.1.3	Stock Rebuilding - Where stock depleted - there is evidence of rebuilding	ALL	<ul style="list-style-type: none"> Bagley, N., O'Driscoll, R. & Oeffner, J. (2013). Trawl survey of hoki and middle-depth species in the Southland and Sub-Antarctic areas, November–December 2011 (TAN1117). <i>New Zealand Fisheries Assessment Report 2013/23</i>. 70 p Bagley, N. & O'Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas, November–December 2009 (TAN0911). <i>New Zealand Fisheries Assessment Report 2012/05</i>. 70p. Horn, P. & Sutton, C. (2013). Catch-at-age for hake (<i>Merluccius australis</i>) and ling (<i>Genypterus blacodes</i>) in the 2010–11 fishing year and from trawl surveys in summer 2011–12, with a summary of all available data sets. <i>New Zealand Fisheries Assessment Report 2013/19</i>. 51 p. Horn, P. & Ballara, S. (2012). A descriptive analysis and CPUE from commercial fisheries for ling (<i>Genypterus blacodes</i>) in Fishstocks LIN 2, 3, 4, 5, 6, and 7 from 1990 to 2009. <i>New Zealand Fisheries Assessment Report 2012/13</i>. 69 p. Horn, P. & Sutton, C. (2012). Catch-at-age for hake (<i>Merluccius australis</i>) and ling (<i>Genypterus blacodes</i>) in the 2009–10 fishing year and from a trawl survey in summer 2010–11, with a summary of all available data sets. <i>New Zealand Fisheries Assessment Report 2012/03</i>. 53p. MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries Stevens, D.; O'Driscoll, R., Dunn, M.R, Ballara, S., & Horn, P. (2012). <i>Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101)</i>. <i>New Zealand Fisheries Assessment Report 2012/10</i>. 98 p.
1.2.1	Harvest Strategy - Precautionary and robust harvest strategy in place	ALL	<ul style="list-style-type: none"> MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i>

			<ul style="list-style-type: none"> • MPI (2013) Review of Management Controls for LIN 5 & 6 July 2013 (IPP) • MPI (2013) Review of Management Controls for LIN 7. July 2013 (IPP) • MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard (Review)</i>. Ministry of Fisheries. June 2011. 80p • MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries • MPI (2008) <i>Harvest Strategy Standard for New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2007) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. December 2007. 68p • MPI (2006) <i>Harvest Strategy Standard – Standards for Stocks managed under s 13 of the Fisheries Act. Discussion Document</i>. Ministry of Fisheries. November 2006. 50p
1.2.2	Harvest Control Rules & Tools - Well defined harvest control rules in place	ALL	<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • MPI (2008) <i>Harvest Strategy Standard for New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. June 2011. 80p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12</i>. July 2011. 75p
1.2.3	Information & Monitoring - Relevant Information collected to support harvest strategy	ALL	<ul style="list-style-type: none"> • Bagley, N., O'Driscoll, R. & Oeffner, J. (2013). Trawl survey of hoki and middle-depth species in the Southland and Sub-Antarctic areas, November–December 2011 (TAN1117). <i>New Zealand Fisheries Assessment Report 2013/23</i>. 70 p • Beentjes, M.P.; MacGibbon, D. (2013). Review of QMS species for inclusion in the east coast South Island winter trawl survey reports. <i>New Zealand Fisheries Assessment Report 2013/35</i>. 102 p. • Horn, P.L.; Francis, R.I.C.C. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) in Cook Strait for the 2010–11 fishing year. <i>New Zealand Fisheries Assessment Report 2013/7</i>. 35 p. • Horn, P.L.; Dunn, M.R.; Ballara, S.L. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) on the Chatham Rise (LIN 3&4) and in the Sub-Antarctic (LIN 5&6) for the 2011–12 fishing year. <i>New Zealand Fisheries Assessment Report 2013/6</i>. 87 p • Horn, P. & Sutton, C. (2013). Catch-at-age for hake (<i>Merluccius australis</i>) and ling (<i>Genypterus blacodes</i>) in the 2010–11 fishing year and from trawl surveys in summer 2011–12, with a summary of all available data sets. <i>New Zealand Fisheries Assessment Report 2013/19</i>. 51 p. • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • MPI (2013) Review of Management Controls for LIN 5 & 6 July 2013 (IPP)

			<ul style="list-style-type: none"> • MPI (2013) Review of Management Controls for LIN 7. July 2013 (IPP) • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12</i>. July 2011. 75p • MPI (2011) <i>Research and Science Information Standard for the New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. June 2011. 80p • MPI (2011) <i>Science Working Groups - Terms of Reference</i>. 8p • MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1A</i>. Ministry for Primary Industries • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries. • MPI (2010) <i>10 Year Research Programme for Deepwater Fisheries</i>. Ministry of Fisheries. 148p • Stevens, D.; O'Driscoll, R., Dunn, M.R, Ballara, S., & Horn, P. (2012). <i>Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101)</i>. New Zealand Fisheries Assessment Report 2012/10. 98 p
1.2.4	Assessment of Stock Status - Assessment of stock status is adequate		<ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2 - Ling Chapter pp 544 -571</i> • Horn, P.L.; Francis, R.I.C.C. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) in Cook Strait for the 2010–11 fishing year. New Zealand Fisheries Assessment Report 2013/7. 35 p. • Horn, P.L.; Dunn, M.R.; Ballara, S.L. (2013). Stock assessment of ling (<i>Genypterus blacodes</i>) on the Chatham Rise (LIN 3&4) and in the Sub-Antarctic (LIN 5&6) for the 2011–12 fishing year. New Zealand Fisheries Assessment Report 2013/6. 87 p

Principle 2:			
P.I.	80 Scoring Guidelines	Score	Rationale
2.1.1	Retained Species Outcome - Does not cause serious or irreversible harm to retained species.	ALL	<ul style="list-style-type: none"> • DWG & MPI (2013) <i>Hake and Ling Fishery Observer Programme Report</i>. Unpublished Report held by DWG Sep 2013. • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p. • Bagley, N. & O'Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas, November–December 2009 (TAN0911). New Zealand Fisheries Assessment Report 2012/05. 70p. • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates</i>. <ul style="list-style-type: none"> ○ <i>Volume 1: Introduction to Jack Mackerel</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 2: John Dory to Red Gurnard</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 3: Red Snapper to Yellow eyed Mullet</i>.

			<p>Ministry for Primary Industries. May 2013.</p> <ul style="list-style-type: none"> • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries. • O'Driscoll et al. (2011) A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 –New Zealand Fisheries Assessment Report 2011/47 • Stevens, D., O'Driscoll, R.L., Dunn, M., Ballara, S., & Horn, P. (2012). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101). New Zealand Fisheries Assessment Report 2012/10. 98 p • Stevens, D., O'Driscoll, R., Dunn, M., McGibbon, D., Horn, P. & Gautier, S (2011). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2010 (TAN1001). New Zealand Fisheries Assessment Report 2011/10. 112 p
2.1.2	<p>Retained Species Management - Strategy in place for managing retained species</p>	ALL	<ul style="list-style-type: none"> • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries. • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates</i>. <ul style="list-style-type: none"> ○ <i>Volume 1: Introduction to Jack Mackerel</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 2: John Dory to Red Gurnard</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 3: Red Snapper to Yellow eyed Mullet</i>. Ministry for Primary Industries. May 2013. • MPI (2008) <i>Harvest Strategy Standard for New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12</i>. July 2011. 75p
2.1.3	<p>Retained Species Information - Relevant information to help manage retained species</p>	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Bagley, N & O'Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas, November–December 2009 (TAN0911). New Zealand Fisheries Assessment Report 2012/05. 70p. • Ballara, S., O'Driscoll, R., & Anderson, O (2010). Fish discards and non-target fish catch in the trawl fisheries for hoki, hake, and ling in New Zealand waters. New Zealand Aquatic Environment and Biodiversity Report No. 48. 100p • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates</i>. <ul style="list-style-type: none"> ○ <i>Volume 1: Introduction to Jack Mackerel</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 2: John Dory to Red Gurnard</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 3: Red Snapper to Yellow eyed Mullet</i>. Ministry for Primary Industries. May 2013. • O'Driscoll et al. (2011) A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 –New Zealand Fisheries Assessment Report 2011/47 • MPI. (2010) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries</i>. Part 1A • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>. Ministry for Primary Industries.

			<ul style="list-style-type: none"> Stevens, D., O'Driscoll, R., Dunn, M., Ballara, S., & Horn, P. (2012). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101). New Zealand Fisheries Assessment Report 2012/10. 98 p Stevens, D., O'Driscoll, R., Dunn, M., McGibbon, D., Horn, P. & Gautier, S (2011). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2010 (TAN1001). New Zealand Fisheries Assessment Report 2011/10. 112 p
2.2.1	<p>By-catch Species Outcome - Does not cause serious or irreversible harm to by-catch species</p>	ALL	<ul style="list-style-type: none"> DWG & MPI (2013) Hake and Ling Fishery Observer Programme Report. Unpublished Report held by DWG Sep 2013. Bagley, N & O'Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas, November–December 2009 (TAN0911). New Zealand Fisheries Assessment Report 2012/05. 70p. Ballara, S., O'Driscoll, R., & Anderson, O (2010). Fish discards and non-target fish catch in the trawl fisheries for hoki, hake, and ling in New Zealand waters. New Zealand Aquatic Environment and Biodiversity Report No. 48. 100p MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates.</i> <ul style="list-style-type: none"> <i>Volume 1: Introduction to Jack Mackerel.</i> Ministry for Primary Industries. May 2013. <i>Volume 2: John Dory to Red Gurnard.</i> Ministry for Primary Industries. May 2013. <i>Volume 3: Red Snapper to Yellow eyed Mullet.</i> Ministry for Primary Industries. May 2013. O'Driscoll et al. (2011) <i>A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 –New Zealand Fisheries Assessment Report 2011/47</i> Stevens, D., O'Driscoll, R., Dunn, M., Ballara, S., & Horn, P. (2012). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101). <i>New Zealand Fisheries Assessment Report 2012/10.</i> 98 p Stevens, D., O'Driscoll, R., Dunn, M., McGibbon, D., Horn, P. & Gautier, S (2011). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2010 (TAN1001). <i>New Zealand Fisheries Assessment Report 2011/10.</i> 112 p Stevens et al (2010) <i>Age, growth, and maturity of four New Zealand rattail species.</i> New Zealand Aquatic Environment and Biodiversity Report No. 59. 39p.
2.2.2	<p>By-catch Species Management - Strategy in place for managing by-catch species</p>	ALL	<ul style="list-style-type: none"> MPI (2012) Aquatic Environment and Biodiversity Annual Review. 390p (see By-catch species pp 120 –158) MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B – Ling.</i> Ministry for Primary Industries MPI (2010). <i>Introduction of Bladder Kelp Seaweed, Macrocystispyrifera (KBB), in Fisheries Management Areas 3 and 4 into the Quota Management System on 1 October 2010.</i> Final Advice Paper .24 September 2009. MPI. (2010). <i>Introduction of Patagonian Toothfish (PTO) into the Quota Management System on 1 October 2010.</i> Final Advice Paper. 15 February 2010. MPI (2008) Final Advice Paper - Identification of Candidate Stocks for QMS Introduction MPI (2008) QMS Introduction Process Standard – Executive Summary O'Driscoll et al. (2011) <i>A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 - FAR 47</i>
2.2.3	<p>By-catch Species Information - Relevant information to help manage by-catch species</p>	ALL	<ul style="list-style-type: none"> DWG & MPI (2013) Hake and Ling Fishery Observer Programme Report. Unpublished Report held by DWG Sep 2013. Bagley, N & O'Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas,

		<p>November–December 2009 (TAN0911). New Zealand Fisheries Assessment Report 2012/05. 70p.</p> <ul style="list-style-type: none"> • Ballara, S., O'Driscoll, R., & Anderson, O (2010). Fish discards and non-target fish catch in the trawl fisheries for hoki, hake, and ling in New Zealand waters. New Zealand Aquatic Environment and Biodiversity Report No. 48. 100p • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates.</i> <ul style="list-style-type: none"> ○ <i>Volume 1: Introduction to Jack Mackerel.</i> Ministry for Primary Industries. May 2013. ○ <i>Volume 2: John Dory to Red Gurnard.</i> Ministry for Primary Industries. May 2013. ○ <i>Volume 3: Red Snapper to Yellow eyed Mullet.</i> Ministry for Primary Industries. May 2013. • ODriscoll et al. (2011) A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 - FAR 47 • Ramm. (2011). Conservation Services Programme Observer Report: 1st July 2009 to 30 June 2010. Marine Conservation Services, Department of Conservation. • Ramm. (2010). Conservation Services Programme Observer Report: 1 July 2008 to 30 June 2009, Final Draft. Marine Conservation Services, Department of Conservation. • Stevens, D., O'Driscoll, R., Dunn, M., Ballara, S., & Horn, P. (2012). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101). New Zealand Fisheries Assessment Report 2012/10. 98 p • Stevens, D., O'Driscoll, R., Dunn, M., McGibbon, D., Horn, P. & Gautier, S (2011). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2010 (TAN1001). New Zealand Fisheries Assessment Report 2011/10. 112 p
2.3.1	<p>ETP Species Outcome - Meets national and international requirements for EPTs protection</p>	<p>ALL</p> <ul style="list-style-type: none"> • DWG & MPI (2013) <i>Hake and Ling Fishery Observer Programme Report.</i> Unpublished Report held by DWG Sep 2013. • Dragonfly (2013) Protected Species Webpage printouts for Interaction with Hake Fisheries. Sep 2013 • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5.</i> September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Baird et al (2012) <i>Distribution of Protected Corals in New Zealand.</i> Department of Conservation. 95p • Francis, M., & Sutton, P (2012) <i>Basking Shark Bycatch Review Final Report (Draft): Possible factors affecting bycatch of basking sharks (Cetorhinus maximus) in New Zealand trawl fisheries.</i> Draft Report prepared for Department of Conservation. 38p • Francis, R (2012) Fisheries Risks to the Population Viability of White-capped Albatross - <i>New Zealand Aquatic Environment and Biodiversity Report No.105</i> • Francis, M., & Lyon, W (2012) <i>Review of commercial fishery interactions and population information for eight New Zealand protected fish species.</i> Final Report prepared for Department of Conservation. 74p • MPI (2012) Aquatic Environment and Biodiversity Annual Review. 390p (see ETP species pp 16-119) • Richard & Abraham (2013a) Risk of commercial fisheries to New Zealand seabird populations. <i>New Zealand Aquatic Environment and Biodiversity Report No. 109</i> • Richard & Abraham (2013b) Risk of commercial fisheries to New Zealand seabird populations: <i>Supplementary information: Supplement to New Zealand Aquatic Environment and Biodiversity Report No. 109</i> • Richard & Abraham (2013c) Application of Potential Biological Removal methods to seabird populations (Seabird PBR) - <i>New Zealand Aquatic Environment and Biodiversity Report No. 108</i> • Richard, Abraham and Filippi (2011) Assessment of the

			<p>risk to seabird populations from New Zealand commercial fisheries. <i>Final Research Report prepared for the Ministry of Fisheries (project IPA2009/19, Objective 1 Milestone 4; project IPA2009/20, Objective 1, Milestone 4)</i> 66p.</p> <ul style="list-style-type: none"> • Rowe (2010b) <i>Level 1 Risk Assessment for Incidental Seabird Mortality Associated with New Zealand Fisheries in the NZ-EEZ</i>. Department of Conservation. 75p • Thompson, F., Abraham, E., & Berkenbusch, K. (2013) <i>Common Dolphin Interactions In New Zealand Commercial Trawl Fisheries</i>. <i>PLoS ONE</i> 8(5): e64438. • Thompson, F., Berkenbusch, K. & Abraham, E. (2013) <i>Marine Mammal bycatch in New Zealand Fisheries, 1995-96 to 2010-11</i>. <i>New Zealand Aquatic Environment and Biodiversity Report No. 105</i>. 77p • Tracey et al (2011a) <i>Distribution of protected corals in relation to fishing effort and assessment of accuracy of observer identification</i>. Report prepared for DOC. June 2011. 70p
2.3.2	<p>ETP Species Management - Precautionary management strategies in place</p>	ALL	<ul style="list-style-type: none"> • DOC (2013) <i>Conservation Services Programme Annual Plan 2013/14</i>. Dept. of Conservation • DWG (2012) <i>Marine Mammals Operational Procedures (v7) 2011-12 and Vessel Management Plans</i>. September 2012. • Fisheries Commercial Regulations 2001: Reprint as 1t 12 May 2011 (SR 2001/253) • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Draft Seabirds Policy for addressing fishing related mortality of Seabirds</i>. May 2011. 18p • MPI (2010) <i>Final Advice Paper - Review of Sustainability Measures (01 Dec 2010) – BSK</i> • MPI (2010) <i>Initial Position Paper & Submissions - Review of Sustainability Measures (01 Dec 2010) Vol2 - BSK</i> • MPI (2007) <i>Proposals for managing the fishing-related mortality of seabirds - Draft for public consultation</i>. • Ramm. (2011). <i>Conservation Services Programme Observer Report: 1st July 2009 to 30 June 2010</i>. Marine Conservation Services, Department of Conservation. • Ramm. (2010). <i>Conservation Services Programme Observer Report: 1 July 2008 to 30 June 2009, Final Draft</i>. Marine Conservation Services, Department of Conservation
2.3.3	<p>ETP Species Information - Relevant information to support management of impacts on EPTs</p>	ALL	<ul style="list-style-type: none"> • DWG & MPI (2013) <i>Hake and Ling Fishery Observer Programme Report</i>. Unpublished Report held by DWG Sep 2013. • Dragonfly (2013) <i>Protected Species Webpage printouts for Interaction with Hake Fisheries</i>. Sep 2013 • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Baird et al (2012) <i>Distribution of Protected Corals in New Zealand</i>. Department of Conservation. 95p • DOC (2013) <i>Conservation Services Programme Annual Plan 2013/14</i>. Dept. of Conservation
2.4.1	<p>Habitats Outcome - The fishery does not cause serious or irreversible harm to habitat structure, considered on a regional or bioregional basis and function</p>	ALL	<ul style="list-style-type: none"> • Black, J. (2013) <i>Hake & Ling Trawl Footprint Analyses. Letter Report for Deepwater Group</i>. GNS Science • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Baird et al (2012) <i>Distribution of Protected Corals in New Zealand</i>. Department of Conservation. 95p • Black, J, Wood, R, Berthelsen, T & Tilney R (2013) <i>Monitoring New Zealand's trawl footprint for deepwater</i>

			<p>fisheries: 1989–90 to 2009–10. <i>New Zealand Aquatic Environment and Biodiversity Report No. 110</i></p> <ul style="list-style-type: none"> • Black, J, Wood, R, Berthelsen, T & Tilney R (2013) Monitoring New Zealand's trawl footprint for deepwater fisheries: 1989–90 to 2009–10. <i>New Zealand Aquatic Environment and Biodiversity Report No. 110 (Data)</i> <ul style="list-style-type: none"> ○ Ling Footprint tables ○ Ling Footprint figures 1-6 • Bowden, D (2010) Benthic Invertebrate samples from Ocean Survey 2020 voyages to the Chatham Rise and Challenger Plateau, 2007 <i>New Zealand Aquatic Environment and Biodiversity Report No. 65</i> • Floerl, O., Hewitt, J., & Bowden, D (2011) Chatham-Challenger Ocean Survey 20/20 Post Voyage analyses: Objective 9 – Patterns in Species Composition - <i>New Zealand Aquatic Environment and Biodiversity Report No. 97</i> • Hewitt, J., Julian, K., & Bone, E (2011) Chatham–Challenger Ocean Survey 20/20 Post-Voyage Analyses: Objective 10 – Biotic habitats and their sensitivity to physical disturbance <i>New Zealand Aquatic Environment and Biodiversity Report No. 81</i> • MPI (2012) Aquatic Environment and Biodiversity Annual Review. 390p (see Benthic Impacts pp 159-186) • Nodder, S., Maas, E., Bowden, D., & Pilditch, C. (2011) Physical biogeochemical and microbial characteristics of sediment samples from the Chatham Rise and Challenger Plateau - <i>New Zealand Aquatic Environment and Biodiversity Report No. 70</i>
2.4.2	<p>Habitats Management - Information is adequate to determine risk of serious or irreversible harm to habitat types</p>	ALL	<ul style="list-style-type: none"> • Black, J. (2013) Hake and Ling Trawl Footprint Analyses. Letter Report for Deepwater Group. GNS Science • Black, J, Wood, R, Berthelsen, T & Tilney R (2013) Monitoring New Zealand's trawl footprint for deepwater fisheries: 1989–90 to 2009–10. <i>New Zealand Aquatic Environment and Biodiversity Report No. 110</i> • DOC (2013) Conservation Services Programme Annual Plan 2013/14. Dept. of Conservation • Fisheries (Benthic Protection Areas) Regulations 2007 (SR 2007/308) • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI. (2010) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries</i>. Part 1A • MPI. (2010) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries</i>. Part 1B Ling Fisheries.
2.4.3	<p>Habitats Information - Information is adequate to determine the risk posed to habitat types by the fishery and the effectiveness of the strategy to manage impacts on habitat type.</p>	ALL	<ul style="list-style-type: none"> • Black, J. (2013) Hake Trawl Footprint Analyses. Letter Report for Deepwater Group. GNS Science • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Black, J, Wood, R, Berthelsen, T & Tilney R (2013) Monitoring New Zealand's trawl footprint for deepwater fisheries: 1989–90 to 2009–10. <i>New Zealand Aquatic Environment and Biodiversity Report No. 110</i> • MPI (2012) <i>Aquatic Environment and Biodiversity Annual Review</i>. 390p (see Benthic Impacts pp 159-186) • Tracey et al. (2011) <i>Identification of Protected Corals: distribution in relation to fishing effort and accuracy of observer identifications</i>. Draft Final Report prepared for Marine Conservation Services (MCS), Department of Conservation. • Nodder et al (2011) Physical biogeochemical and microbial characteristics Chatham Rise - AEBR 70 • Tracey et al. (2011) <i>Identification of Protected Corals:</i>

			<p>distribution in relation to fishing effort and accuracy of observer identifications. Draft Final Report prepared for Marine Conservation Services (MCS), Department of Conservation.</p>
2.5.1	<p>Ecosystem Outcome - The fishery does not cause serious or irreversible harm to the key elements of ecosystem structure and function.</p>	ALL	<ul style="list-style-type: none"> • DWG & MPI (2013) Hake and Ling Fishery Observer Programme Report. Unpublished Report held by DWG Sep 2013. • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5.</i> September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Bagley, N & O'Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas, November–December 2009 (TAN0911). New Zealand Fisheries Assessment Report 2012/05. 70p. • Ballara, S., O'Driscoll, R., & Anderson, O (2010). Fish discards and non-target fish catch in the trawl fisheries for hoki, hake, and ling in New Zealand waters. New Zealand Aquatic Environment and Biodiversity Report No. 48. 100p • Dunn et al. (2013) <i>Trophic Interactions and Distribution of Some Squaliforme Sharks, Including New Diet Descriptions for Deania calcea and Squalus acanthias</i> PLoS ONE 8(3): e59938. doi:10.1371/journal.pone.0059938 • Knight et al (2011) <i>Sustainability of NZ's deepwater fisheries from an energetic perspective – an update.</i> Prepared for Deepwater Group Ltd. Cawthron Institute Report No. 2044. • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates.</i> <ul style="list-style-type: none"> ○ <i>Volume 1: Introduction to Jack Mackerel.</i> Ministry for Primary Industries. May 2013. ○ <i>Volume 2: John Dory to Red Gurnard.</i> Ministry for Primary Industries. May 2013. ○ <i>Volume 3: Red Snapper to Yellow eyed Mullet.</i> Ministry for Primary Industries. May 2013. • MPI (2012) Aquatic Environment and Biodiversity Annual Review. 390p (see Ecosystem Effects pp 187-205) • O'Driscoll et al. (2011) <i>A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 –New Zealand Fisheries Assessment Report 2011/47</i> • Stevens, D., O'Driscoll, R., Dunn, M., Ballara, S., & Horn, P. (2012). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101). New Zealand Fisheries Assessment Report 2012/10. 98 p • Stevens, D., O'Driscoll, R., Dunn, M., McGibbon, D., Horn, P. & Gautier, S (2011). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2010 (TAN1001). New Zealand Fisheries Assessment Report 2011/10. 112 p • Stevens et al (2011) Diet of Fishes 1960 to 2000 - Aquatic Environment and Biodiversity Report 85
2.5.2	<p>Ecosystem Management - Measures are in place to mitigate risk to ecosystem structure and function.</p>		<ul style="list-style-type: none"> • DOC (2013) Conservation Services Programme Annual Plan 2013/14. Dept. of Conservation • Fisheries (Benthic Protection Areas) Regulations 2007 (SR 2007/308) • MPI (2013) <i>Annual Review Report.</i> Deepwater Fisheries 2011-12. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13.</i> July 2012. 71p • MPI. (2010) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries.</i> Part 1A • MPI. (2010) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries.</i> Part Part 1B hake fisheries. • MPI (2010). <i>Introduction of Bladder Kelp Seaweed, Macrocystispyrifera (KBB), in Fisheries Management Areas 3 and 4 into the Quota Management System on 1 October 2010.</i> Final Advice Paper .24 September 2009.

		<ul style="list-style-type: none"> • MPI. (2010). <i>Introduction of Patagonian Toothfish (PTO) into the Quota Management System on 1 October 2010</i>: Final Advice Paper. 15 February 2010. • MPI (2008) Final Advice Paper - Identification of Candidate Stocks for QMS Introduction • MPI (2008) QMS Introduction Process Standard – Executive Summary • O’Driscoll et al. (2011) A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 - FAR 47
2.5.3	<p>Ecosystem Information - Adequate knowledge of impacts of fishery on the ecosystem</p>	<ul style="list-style-type: none"> • DWG & MPI (2013) Hake and Ling Fishery Observer Programme Report. Unpublished Report held by DWG Sep 2013. • Bagley, N & O’Driscoll, R. (2012). Trawl survey of middle depth species in the Southland and Sub-Antarctic areas, November–December 2009 (TAN0911). New Zealand Fisheries Assessment Report 2012/05. 70p. • Knight et al (2011) <i>Sustainability of NZ’s deepwater fisheries from an energetic perspective – an update</i>. Prepared for Deepwater Group Ltd. Cawthron Institute Report No. 2044. • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates.</i> <ul style="list-style-type: none"> ○ <i>Volume 1: Introduction to Jack Mackerel</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 2: John Dory to Red Gurnard</i>. Ministry for Primary Industries. May 2013. ○ <i>Volume 3: Red Snapper to Yellow eyed Mullet</i>. Ministry for Primary Industries. May 2013. • MPI (2012) <i>Aquatic Environment and Biodiversity Annual Review</i>. 390p (see Ecosystem Effects pp 187-205) • MPI. (2010) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries</i>. Part 1A • MPI. (2013) <i>National Fisheries Plan for Deepwater and Middle-depth Fisheries</i>. Part 1B Ling Fisheries. • MPI (2008) <i>Harvest Strategy Standard for New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • O’Driscoll et al. (2011) <i>A review of hoki and middle-depth trawl surveys of the Chatham Rise 1992-2010 –New Zealand Fisheries Assessment Report 2011/47</i> • Stevens, D., O’Driscoll, R., Dunn, M., Ballara, S., & Horn, P. (2012). Trawl survey of hoki and middle depth species on the Chatham Rise, January 2011 (TAN1101). <i>New Zealand Fisheries Assessment Report 2012/10</i>. 98 p

Principle 3:

P.I.	80 Scoring Guidelines	Score	Rationale
3.1.1	<p>Legal/Customary Framework - Management system exists with legal/customary framework • Is capable of delivering sustainable fisheries in accordance with MSC Principles 1 and 2;</p>	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Deed of Settlement 1992. Her Majesty the Queen & Maori. • DWG (2010) <i>Memorandum of Understanding between the Ministry of Fisheries and the DeepWater Group</i>. Continuing a partnership between the Ministry of Fisheries and the deepwater fishing industry for the management of New Zealand’s deepwater fisheries. December 2010. 12p. • Fisheries Act 1996 No 88. • Fisheries Commercial Fishing Amendment Regulations No 2. 2009 • Fisheries (Benthic Protection Areas) Regulations 2007

			<p>(SR 2007/308)</p> <ul style="list-style-type: none"> • Fisheries (Reporting) Regulations 2001 (SR 2001/188) • Fisheries (Commercial Fishing) Regulations 2001 (SR 2001/ 253) • Fisheries (Satellite Vessel Monitoring) Regulations 1993 (SR 1993/354) • Treaty of Waitangi (Fisheries Claims) Settlement Act 1992 No 121. • Lock, K and Leslie, S. (2007), <i>New Zealand's Quota Management System: A History of the First 20 Years</i>, Motu Working Paper 07-02. Motu Economic and Public Policy Research (April 2007). 75p. • MPI (2008) Review of Sustainability Measures and Other Management Measures. Volume 2: Initial Position Papers and Summary of Submissions
3.1.2	<p>Consultation, Roles & Responsibilities - Management system has clear processes</p>	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Fisheries Act 1996 • MPI (2013) Review of Management Controls for Ling 5 and 6 (LIN 5 & 6) MPI Discussion Paper No: 2013/25. July 2013. • MPI (2013) Review of Management Controls for Ling 7 (LIN 7) MPI Discussion Paper No: 2013/26. July 2013. • MPI (2010) Final Advice Paper - Review of Sustainability Measures (01 Dec 2010) – BSK • MPI (2010) Initial Position Paper & Submissions - Review of Sustainability Measures (01 Dec 2010) Vol2 - BSK • MPI (2010) Statement of Intent. Ministry of Fisheries • MPI (2009) Stakeholder Consultation Process Standard. Ministry of Fisheries. 20p
3.1.3	<p>Long Term Objectives - Management policy contains clear long-term objectives</p>	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • DOC (2013) Conservation Services Programme Annual Plan 2013/14. Dept. of Conservation • DWG (2012) Marine Mammals Operational Procedures (v7) 2011-12. September 2012. • DWG (2011) Reporting Operational Procedures (v5) 2011-12 • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12</i>. July 2011. 75p • MPI (2011) <i>Research and Science Information Standard for the New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. June 2011. 80p • MPI (2011) <i>Science Working Groups - Terms of Reference</i>. 8p • MPI (2010) <i>10 Year Research Programme for Deepwater Fisheries</i>. Ministry of Fisheries. 148p • MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1A</i>. Ministry for Primary Industries • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>.

3.1.4	Incentives for Sustainable Fishing - Management system has sustainability incentives	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • Fisheries Act 1996 No 88. • Treaty of Waitangi (Fisheries Claims) Settlement Act 1992 No 121. • Lock, K and Leslie, S. (2007), <i>New Zealand's Quota Management System: A History of the First 20 Years</i>, Motu Working Paper 07-02. Motu Economic and Public Policy Research (April 2007). 75p.
3.2.1	Fishery Specific Objectives - Fishery has clear and specific outcome objectives	ALL	<ul style="list-style-type: none"> • DOC (2013) Conservation Services Programme Annual Plan 2013/14. Dept. of Conservation • DWG (2012) Marine Mammals Operational Procedures (v7) 2011-12. September 2012. • DWG (2011) Reporting Operational Procedures (v5) 2011-12 • MPI (2013) <i>Annual Review Report</i>. Deepwater Fisheries 2011-12. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12</i>. July 2011. 75p • MPI (2011) <i>Research and Science Information Standard for the New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. June 2011. 80p • MPI (2011) <i>Science Working Groups - Terms of Reference</i>. 8p • MPI (2010) <i>10 Year Research Programme for Deepwater Fisheries</i>. Ministry of Fisheries. 148p • MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1A</i>. Ministry for Primary Industries • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>
3.2.2	Decision Making Processes - Management system includes effective decision making	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • MPI (2013) <i>Annual Review Report</i>. Deepwater Fisheries 2011-12. June 2013. 78p • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 1 - Hake Chapter pp 366-391</i> • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2010) Statement of Intent. Ministry of Fisheries • MPI (2010) 10 Year Research Programme for Deepwater Fisheries. Ministry of Fisheries. 148p • MPI (2009) Stakeholder Consultation Process Standard. Ministry of Fisheries
3.2.3	Compliance & Enforcement - Monitoring, control and surveillance mechanisms in place	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • DWG (2012) Marine Mammals Operational Procedures (v7) 2011-12. September 2012. • DWG (2011) Reporting Operational Procedures (v5) 2011-12 • Fisheries Act 1996 No 88. • Fisheries Commercial Fishing Amendment Regulations

			<ul style="list-style-type: none"> No 2. 2009 • Fisheries (Benthic Protection Areas) Regulations 2007 (SR 2007/308) • Fisheries (Reporting) Regulations 2001 (SR 2001/188) • Fisheries (Commercial Fishing) Regulations 2001 (SR 2001/ 253) • Fisheries (Satellite Vessel Monitoring) Regulations 1993 (SR 1993/354) • Kazmierow et al (2010) <i>Commercial Fishers Compliance Decision Making: Perceptions, Experiences and Factors Influencing Regulatory Compliance</i>. Report Prepared for Ministry of Fisheries. 106p • MPI (2013) Fisheries Observer Tables 2010-11 & 2011-12 • MPI (2009) Compliance Information Sheet 01 - - Misreporting. • MPI (2009) Compliance Information Sheet 02 – Benchmarking of New Zealand Fisheries • MPI (2010) Compliance Information Sheet 03 – Accuracy of Reporting • MPI (2010) Compliance Information Sheet 04 – Conversion Factors • MPI (2010) Compliance Information Sheet 05 – registration names and numbers • MPI (2010) Compliance Information Sheet 06 - Seabird Mitigation Devices • MPI (2010) Compliance Information Sheet 07 – Benthic Protection and Seamount Closures
3.2.4	<p>Research Plan - Research plan that addresses management needs are in place</p>	ALL	<ul style="list-style-type: none"> • DOC (2013) Conservation Services Programme Annual Plan 2013/14. Dept. of Conservation • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 2: John Dory to Red Gurnard</i>. Ministry for Primary Industries. May 2013. (pp 601-668) • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12</i>. June 2013. 78p • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13</i>. July 2012. 71p • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12</i>. July 2011. 75p • MPI (2011) <i>Research and Science Information Standard for the New Zealand Fisheries</i>. Ministry of Fisheries. October 2008. 30p • MPI (2011) <i>Operational Guidelines for New Zealand's Harvest Strategy Standard</i>. Ministry of Fisheries. June 2011. 80p • MPI (2011) <i>Science Working Groups - Terms of Reference</i>. 8p • MPI (2010) <i>10 Year Research Programme for Deepwater Fisheries</i>. Ministry of Fisheries. 148p • MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1A</i>. • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling</i>.
3.2.5	<p>Management Performance Evaluation - There is a system of monitoring and evaluating the performance of the fishery-specific management system against its objectives and here is effective and timely review of the fishery-specific management system.</p>	ALL	<ul style="list-style-type: none"> • Akroyd, J., Pierre, J. & Punt, A. (2012) <i>NZ Hoki Fisheries: 2nd [MSC] Reassessment: Public Certification Report, Version 5</i>. September 2012. Ref: MML-F-030. Intertek Moody Marine. 297p • DOC (2013) Conservation Services Programme Annual Plan 2013/14. Dept. of Conservation • DWG (2010) <i>Memorandum of Understanding between</i>

		<p><i>the Ministry of Fisheries and the DeepWater Group. Continuing a partnership between the Ministry of Fisheries and the deepwater fishing industry for the management of New Zealand's deepwater fisheries. December 2010. 12p.</i></p> <ul style="list-style-type: none"> • MPI (2013) <i>Fisheries Assessment Plenary May. Stock Assessments and Yield Estimates. Volume 1 - Hake Chapter pp 366-391</i> • MPI (2013) <i>Annual Review Report: Deepwater Fisheries 2011-12. June 2013. 78p</i> • MPI (2012) <i>Annual Operational Plan for Deepwater Fisheries 2012-13. July 2012. 71p</i> • MPI (2011) <i>Annual Operational Plan for Deepwater Fisheries 2011-12. July 2011. 75p</i> • MPI (2010) <i>10 Year Research Programme for Deepwater Fisheries. Ministry of Fisheries. 148p</i> • MPI (2011) <i>Annual Report</i> • MPI (2010) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1A.</i> • MPI (2013) <i>National Fishing Plan Deepwater and Middle-depth Fisheries Part 1B - Ling.</i> • MPI (2010) <i>Overview of New Zealand Fishery Science Peer Review Processes. Ministry of Fisheries. 10 June 2010. 24p</i>
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