

CCAMLR responses and actions against the recommendations of the First CCAMLR Performance Review (2008)

Recommendation	Responsible body	Activities to date	Status
2.1.1.1 Given the increasing number of CPs, including States that have no traditional linkages to the Antarctic Treaty (or the ATS), the RP sees virtue in reinforcing the obligations of Articles III, V (and IV.1). This might be achieved by: 1. requesting the Depositary to bring to the attention of an Acceding State, or a State seeking accession, these particular Articles; 2. urging Acceding States also to consider acceding to the Antarctic Treaty; 3. having available for Acceding States, and other States indicating an interest in CCAMLR, a Secretariat-prepared information pack on	Commission	(2008)CCAMLR-XXVII, Annex 5, paragraph 7.7; (2008)CCAMLR-XXVII, paragraphs 17.14 and 17.15; (2009)CCAMLR-XXVIII/BG/16 ( 120.56 KB) (Information pack); (2009)CCAMLR-XXVIII/BG/38 ( 99.35 KB) (Covering note prepared by the Depositary); (2009)CCAMLR-XXVIII, paragraph 16.23; (2010)CCAMLR-XXIX/BG/13 Rev. 2 ( 126.28 KB); (2010)CCAMLR-XXIX, paragraph 15.8; (2012) Information incorporated into the upgraded webpage About CCAMLR	Commission – Complete

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CCAMLR and its links to the Antarctic Treaty.			
2.1.1.2 Such actions would likely reduce any disparity between the implementation of the provisions of the Antarctic Treaty and CCAMLR.	Commission		Commission – No action necessary
2.1.1.3 Furthermore, the RP saw virtue in reminding all CPs to CCAMLR of their obligations under the Antarctic Treaty.	Commission	(2010) CCAMLR-XXIX, paragraph 15.8 ; (2010) CCAMLR-XXIX/BG/13 Rev. 2 ( 126.28 KB)	Commission: In progress – advanced action
2.2.1.1 Although CCAMLR has actively sought to bring its CMs to the attention of the fishing industry operating within CCAMLR waters, it has not to date perceived the need to also provide information to fishers and operators on decisions adopted by the ATCM. Yet it is CPs, rather than the ATCM, that is best placed to effect that dialogue.	Commission	(2012) CCAMLR-XXXI (paragraphs 5.66 to 5.69, 7.54, 9.4 and 9.8) and Conservation Measure 91-02 (2012)	Commission – Complete
2.2.1.2 It is recommended, therefore, that CCAMLR should now take steps to fill that gap by ensuring that relevant	Commission	(2009) SC-CAMLR XXVIII (paragraphs 3.14 to 3.33) ; (2012) SC-CAMLR-XXXI (paragraphs 5.65 to 5.73) ;	Commission – Complete

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ATCM measures and resolutions that have a bearing on, for example, seabirds or seals, are transmitted to the fishing industry, via its Members.		(2012)CCAMLR-XXXI (paragraph 7.54) and Conservation Measure 91-02 (2012); (2013)SC-CAMLR-XXXII (paragraphs 5.38 to 5.41)	
2.3.1.1 The RP recommended that clarity was required as to where the issue of non-native species in relation to the Antarctic marine environment should be best dealt with institutionally, and that the forthcoming workshop between the CEP and SC-CAMLR represented an opportunity to determine this.	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 (106.96 KB); Clarification of lead roles agreed at SC-CAMLR-CEP workshop (2009)SC-CAMLR-XXVIII, paragraphs 4.3 to 4.6, 9.4 to 9.9 and 10.13; (2010)SC-CAMLR-XXIX, paragraphs 10.1 and 10.2; (2010)SC-CAMLR-XXIX/BG/07 (97.33 KB); (2011)SC-CAMLR-XXX, Annex 6, paragraph 6.16; (2012)SC-CAMLR-XXXI, paragraph 10.2; (2013)SC-CAMLR-XXXII, paragraph 8.9; (2013)CCAMLR-XXXII/BG/15 (123.1 KB); (2016)SC-CAMLR-XXXV, paragraphs 8.3 to 8.7; (2016)SC-CAMLR-XXXV/07 (1.19 MB).	Scientific Committee – Complete – Roles clarified. Referred back to CEP. CEP convened a 2-day workshop in 2011 on marine and terrestrial specially managed areas. Cooperation with SC-CAMLR on spatial protection highlighted. SC-CAMLR-XXX/BG/12 (69.67 KB)

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2.3.1.2 Furthermore, there was a need to ensure that there was alignment of policies in respect of non-native species between CCAMLR and the CEP/ATCM. Otherwise, there remained the risk that the actions of one body within the ATS could be undermined by the other.	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); Clarification of lead roles agreed at SC-CAMLR–CEP workshop (2009)SC-CAMLR-XXVIII, paragraphs 9.4 to 9.9; (2009)SC-CAMLR-XXVIII, paragraphs 4.3 to 4.6, 9.2 to 9.9 and 10.13; (2016)SC-CAMLR-XXXV, paragraphs 8.3 to 8.7; (2016)SC-CAMLR-CEP Workshop on Climate Change and Monitoring (SC-CAMLR-XXXV/07 ( 1.19 MB)).	Scientific Committee – Complete – See above.
2.4.3.1 The RP recommended that CCAMLR takes steps towards the designation of MPAs, including high-seas areas within CCAMLR waters, as a matter of urgency.	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraph 10.6; (2009)CCAMLR-XXVIII, paragraph 12.86 adoption of the South Orkney Southern Shelf MPA; (2009)SC-CAMLR-XXVIII, paragraphs 3.14 to 3.19 – recommendation in relation to the South Orkney Southern Shelf MPA; (2009)SC-CAMLR-	Scientific Committee: SC-CAMLR-XXX, paragraphs 5.10 to 5.81. Commission: CCA MLR-XXX, paragraphs 7.1 to 7.43 and adoption of Conservation Measure 91-04.

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		XXVIII, paragraph 3.25 to 3.33 in relation to milestones; (2010)CCAMLR-XXIX/38 Rev. 1 ( 247.27 KB) (2010)SC-CAMLR-XXIX/11 ( 6.44 MB) (2010)CAMLR-XXIX, paragraphs 7.1 to 7.20; (2010)SC-CAMLR-XXIX, paragraphs 5.14 to 5.39; (2011)CCAMLR-XXX, paragraphs 7.1 to 7.36 and adoption of a General framework Conservation Measure 91-04, paragraphs 7.37 to 7.43; (2011)SC-CAMLR-XXX, paragraphs 5.10 to 5.81; (2012)CCAMLR-XXXI, paragraphs 5.57 to 5.69 and 7.60 to 7.109; (2012)SC-CAMLR-XXXI, paragraphs 5.15 to 5.59; (2013)CCAMLR-XXXII, paragraphs 5.76 to 5.87 and 7.1 to 7.57; (2013)SC-CAMLR-IM-I Report ( 466.8 KB); (2013)CCAMLR-SM-II Report ( 615.92 KB); (2013)SC-CAMLR-XXXII, paragraphs 5.13 to 5.37 and 5.42 to 5.55; (2014)SC-CAMLR-XXXIII, paragraphs 5.11 to 5.76; (2014)CCAMLR-XXXIII, paragraphs 5.71 to 5.88 and 7.47 to 7.76; (2015)CCAMLR-XXXIV, paragraphs 5.71 to 5.90	

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		and 8.41 to 8.122; (2015)SC-CAMLR-XXXIV, paragraphs 5.5 to 5.30; (2016)CCAMLR-XXXV, paragraph 5.71 to 5.85 and 8.35 to 8.94 including 8.48 relating to the adoption of the Ross Sea MPA and the associated Conservation Measure 91-05; (2016)SC-CAMLR-XXXV, paragraphs 5.5 to 5.38.	
2.4.3.2 To that end, CCAMLR should: 1. consider how best to utilise the provisions of Annex V to the Protocol to propose marine areas as either ASMAs or ASPAs, as well as examining the option of using the provisions of Article 9.2(g) of the Convention more widely; 2. develop a clear prioritised program (based on the future work identified in the Commission's 2007 Report (CCAMLR-XXVI, paragraph 7.18)) for the	Commission/ SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)CCAMLR-XXVIII, paragraph 4.53; (2009)SC-CAMLR-XXVIII/07 (106.96 KB); (2009)SC-CAMLR-XXVIII, paragraph 10.6 – the Scientific Committee agreed that all recommendations relating to MPAs were adequately addressed in its program of work. (2009)CCAMLR-XXVIII, paragraph 12.86 adoption of the South Orkney Southern Shelf MPA; (2009)SC-CAMLR-XXVIII, paragraph 3.25 to 3.33 in relation to milestones; (2010)CCAMLR-XXIX, paragraphs 7.1 to 7.20; (2010)SC-CAMLR-XXIX,	Scientific Committee in progress including advice from 2011 MPA workshop that a harmonised approach in the Antarctic Treaty System to spatial protection may result in having ASPAs and ASMAs designated by the ATCM within CCAMLR MPAs (SC-CAMLR-XXX, Annex 6, paragraph 4.4)

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timely development of a network of MPAs, and indicating as such to the Scientific Committee and its WG-EMM; this to ensure their active input to such a program.		paragraphs 5.14 to 5.39; (2011) SC approval for technical workshops in 2012 to support the development of planning domains for representative systems of MPAs (SC-CAMLR-XXX, paragraph 5.20). Proposals for the establishment of MPAs (East Antarctica (SC-CAMLR-XXX/09 ( 927.93 KB)), Ross Sea and (SC-CAMLR-XXX/10 ( 319.35 KB) and SC-CAMLR-XXX/11 ( 2.26 MB)) and for collapsed ice shelves (SC-CAMLR-XXX/13 ( 1.42 MB)) considered by the Scientific Committee. (2011)SC-CAMLR-XXX, paragraphs 5.10 to 5.81; (2011)CCAMLR-XXX, paragraphs 7.1 to 7.36 and adoption of a General framework Conservation Measure 91-04, paragraphs 7.37 to 7.43; (2012)CCAMLR-XXXI, paragraph 7.54 and Conservation Measure 91-02 (2012); Standing agenda item for the Scientific Committee (under Agenda Item 5) since SC-CAMLR-XXIX in 2010 which includes a review of progress for spatial	

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		planning in each of the planning domains (see 2016 Scientific Committee (SC-CAMLR-XXXV, paragraphs 5.5 to 5.38) and Commission (CCAMLR-XXXV, paragraphs 5.71 to 5.85) meeting reports).	
2.5.1.1 The RP encouraged data on discarded and lost fishing gear to be collected and reported on more routinely.	SCIC/ Commission	In 2009, the Scientific Committee agreed to adopt reporting on lost fishing gear as part of the C2 data forms; (2009)SC-CAMLR-XXVIII, paragraph 7.12; (2009)SC-CAMLR-XXVIII, Annex 7, paragraph 13.11 to 13.14; (2010)SC-CAMLR-XXIX, paragraph 6.6; (2011)SC-CAMLR-XXX, paragraph 3.169; (2011)SC-CAMLR-XXX, Annex 7, paragraphs 4.35 and 4.36; (2011)SC-CAMLR-XXX, Annex 8, paragraph 7.6; (2011)WG-FSA-11/48 ( 560.68 KB); (2011)WG-IMAF-11/04 Rev. 1 ( 69.89 KB); (2012)SC-CAMLR-XXXI, paragraphs 3.125 and 3.126; (2012)WG-FSA-12/65 ( 224.73 KB) (2012)CCAMLR Science, Volume 19; (2015)SC-CAMLR-	Commission – Complete SCIC – Complete

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		XXXIV, paragraph 3.44; (2016) SC-CAMLR-XXXV, paragraphs 4.14 to 4.17.	
2.5.1.2 Allied to this there was the need for CCAMLR to consider providing to the fishing industry details of the prevention of marine pollution provisions of Annex IV to the Environmental Protocol.	Commission	Secretariat links to the ATCM decisions through website. (2009) CCAMLR-XXVIII/32 ( 94.83 KB); (2010) CCAMLR-XXIX/BG/22 ( 145.71 KB).	Commission – Complete
2.5.1.3 The RP identified opportunities whereby the linkages between the ATCM and CCAMLR might be strengthened. These included: 1. The forthcoming Joint SC-CAMLR-CEP Workshop ¹ planned for 2009. This will provide an ideal opportunity to examine ways of engaging in practical cooperation in areas of overlapping interests and competencies. 2. At CEP XI in 2008 the CCAMLR Observer gave a	SC/ Commission	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 9.2 to 9.11. 2009 – workshop completed See responses to 2.1.1, 2.2.1, 2.3.1 and 2.4 above; (2009) CCAMLR-XXVIII/32 ( 94.83 KB); (2016) SC-CAMLR-CEP Workshop on Climate Change and Monitoring (SC-CAMLR-XXXV/07 ( 1.19 MB)); (2016) SC-CAMLR-XXXV, paragraphs 8.3 to 8.7; (2016) CCAMLR-XXXV, paragraph 9.10; Also the inclusion of a CEP expert on the PR2 Panel (see CCAMLR-	Commission – Complete Scientific Committee – Complete (happens now automatically)

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presentation on the work of CCAMLR. This was regarded as highly valuable. A reciprocal CEP presentation to SC-CAMLR was encouraged, with a view to institutionalising reciprocal presentations at periodic intervals. Such presentations would contribute towards a clearer understanding of the respective objectives and work programs between ATCM and CCAMLR representatives.		XXXV, paragraphs 9.5 to 9.11 and Annex 8).	
3.1.1.1 An explicit recovery plan should be established for stocks that are depleted relative to the requirements of Article II. This should include recovery targets and time frames, management actions, and a program to monitor, assess and regularly report on progress.	SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 4.134 to 4.136, 4.162 and 10.7 to 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)WG-FSA-09/44 (	Scientific Committee – In process – list of depleted species (Task 2) under way (SC-CAMLR-XXIX, Annex 8, paragraph 5.186)

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		 342.06 KB); (2009)WG-FSA-09/31 ( 102.3 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.7 to 10.10; (2010)SC-CAMLR-XXIX, Annex 8, paragraph 5.171; (2010)WG-FSA-10/42 Rev. 1 ( 121.5 KB); (2010)WG-FSA-10/35 ( 288.19 KB); (2010)SC-CAMLR-IX/BG/14 ( 676.92 KB); (2011)CCAMLR-XXX, paragraph 7.8; (2011)SC-CAMLR-XXX, paragraph 15.5, 2.108 and 2.186; (2011)SC-CAMLR-XXX, Annex 7, paragraph 5.22; (2011)WS-MPA-11/P04 ( 4.8 MB); (2011)Evaluating the impact of multi-year research catch limits on overfished toothfish populations ( 392.92 KB); (2012)CCAMLR-XXXI, paragraph 5.19; (2012)CCAMLR-XXXI/BG/29 ( 125.94 KB); (2012)SC-CAMLR-XXXI, Annex 7, paragraphs 5.185 to 5.191 and 9.26 to 9.29; (2012)WG-FSA-12/P01 ( 854.67 KB); (2012)WG-FSA-12/34 (	

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		 527.89 KB); (2012)WG-EMM-12/P04 ( 1.75 MB); (2013)SC-CAMLR-XXXII, paragraphs 3.136 to 3.139, 2.5 to 3.8; (2013)SC-CAMLR-XXXII, Annex 5, paragraph 3.24; (2013)WG-FSA-13/26 ( 536.65 KB); (2013)Fishery Report 2013: Champsocephalus gunnari Heard Island (Division 58.5.2) ( 672.49 KB); (2015)SC-CAMLR-XXXIV, paragraphs 3.39 and 3.58; (2015)SC-CAMLR-XXXIV, Annex 7, paragraphs 5.29, 8.15 and 8.16; (2015)WG-SAM-15/23 ( 1.36 MB); (2015)WG-FSA-15/25 ( 1.66 MB); (2015)WG-FSA-15/51 ( 5.15 MB); (2016)CCAMLR-XXXV, paragraph 9.20; (2016)SC-CAMLR-XXXV, paragraph 3.160; (2016)WG-FSA-16/02 ( 1.28 MB).	
3.1.1.2 The experience with new or exploratory finfish fisheries should be reviewed. This should examine the adequacy of the	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10;	Scientific Committee: In progress – review and development of methods for data-poor exploratory

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information available when the fishery is recognised and initial catch limits are established, the monitoring requirements for each stage in development, assessment methods for each stage in development, and expected management measures for each stage in development. Changes should be made to the procedures related to new or exploratory fisheries to address any weaknesses that are found by this Review.		(2009)SC-CAMLR-XXVIII/07 (106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.7–10.10; (2010) SC-CAMLR-XXIX, paragraph 3.59 and SC-CAMLR-XXIX, Table 5 (61.3 KB); (2010)SC-CAMLR-XXIX, Table 5; (2010)SC-CAMLR-XXIX, Annex 8, paragraphs 5.1 to 5.12; (2011)SC-CAMLR-XXX, Annex 5, paragraphs 2.1 to 2.44; (2012)SC-CAMLR-XXXI, Annex 7, paragraphs 5.35 and 5.36; (2013)SC-CAMLR-XXXII, paragraph 3.170 to 3.225; (2013)SC-CAMLR-XXXII, Annex 4, paragraphs 2.5 to 3.8; (2013)SC-CAMLR-XXXII, Annex 6, paragraphs 6.1 to 6.28, Figure 10; (2014)SC-CAMLR-XXXIII, paragraphs 3.175 to 3.209; (2014)SC-CAMLR-XXXIII, Annex 5, paragraphs 3.1 to 3.5; (2014)SC-CAMLR-XXXIII, Annex 7, paragraphs 5.121 to 5.130; (2015)CCAMLR-XXXIV, paragraphs 9.11 to 9.21; (2015)SC-CAMLR-XXXIV, paragraphs 3.222 to 3.231;	fisheries, WG-SAM-12/ WG-FSA-12

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		(2015)CCAMLR-XXXIV/17 Rev. 1 ( 1.3 MB); (2016)CCAMLR-XXXV, paragraphs 9.22 to 9.27; (2016)SC-CAMLR-XXXV, paragraphs 3.169 to 3.267.	
3.1.1.3 The categories of fisheries in CCAMLR (e.g. lapsed fisheries, new or exploratory fisheries, established fisheries) should be more fully defined and consistently applied. This includes the criteria, the information and monitoring requirements, and the elements of the policy, the default management regime that applies to each category, and the triggers by which a fishery would be considered to have moved from one category to another. Elements of the current management requirements for new or exploratory fisheries should be considered for application to established fisheries, and in particular, gear and the use of general and default limits on by-catch. These categories and	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraph 10.7 to 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB) (2015)CCAMLR-XXXIV, paragraphs 9.11 to 9.21; (2015)CCAMLR-XXXIV/17 Rev. 1 ( 1.3 MB); (2015)SC-CAMLR-XXXIV, paragraphs 3.222 to 3.231; (2016)CCAMLR-XXXV, paragraph 9.22 to 9.27; (2016)SC-CAMLR-XXXV, paragraphs 3.169 to 3.267;	Scientific Committee – in progress (Task 4)

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requirements should be applied to all fisheries, including the krill fishery and by-catch stocks in an established fishery that are being developed to become new target species.			
3.1.2.1 In order to increase the control of IUU fishing, CCAMLR should (i) introduce mechanisms to ensure that all CPs comply with the provisions of all CCAMLR CMs (ii) use all avenues, consistent with international law, to ensure that NCPs also comply with such measures, and (iii) consider developing further mechanisms for enhanced surveillance and enforcement.	SCIC	Spain has submitted reports in respect of CM 10-08: 2009(CCAMLR-XXVIII, paragraph 7.3 and (2010)CCAMLR-XXIX/BG/37 ( 425.77 KB)); Secretariat letters to NCPs since 2008 (see Chapter 5) Diplomatic demarches to Members. Proposal for Commission Chair to write to NCPs to seek permission to board and inspect NCP IUU vessels. (2010)CCAMLR-XXIX/BG/37 ( 425.77 KB); (2011)CCAMLR-XXX, paragraphs 8.7 to 8.9 and 9.8; (2011)CCAMLR-XXX, Annex 6, paragraphs 2.41 to 2.46 and 2.48 to 2.54; (2011)CCAMLR-XXX/26 ( 115.77 KB); (2011)CCAMLR-XXX/28 ( 174.59 KB);	For (i) DOCEP (CCAMLR-XXX/31 ( 242.94 KB)) Spain has submitted a report in respect of CM 10-08 (CCAMLR-XXX/BG/35 ( 1.11 MB)) Chile has submitted a report in respect of CM 10-08 (CCAMLR-XXX/BG/17 ( 81.34 KB)) For (ii) Update in respect of demarches/letters from Chair Singapore status as a NCP cooperating with CCAMLR by participating in CDS revoked Secretariat letters to NCP's and the Commission's decision to make these public Communication from Togo in relation to deregistration of

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		(2011)CCAMLR-XXX/31 (1242.94 KB); (2011)CCAMLR-XXX/33 (1233.63 KB); (2011)CCAMLR-XXX/36 (186.4 KB); (2011)CCAMLR-XXX/BG/35 (11.11 MB); (2011)CCAMLR-XXX/BG/17 (181.34 KB); (2012)CCAMLR-XXXI, paragraph 7.26; (2012)CCAMLR-XXXI, Annex 6, paragraphs 2.27 and 3.1 to 3.3; (2012)CCAMLR-XXXI/29 (1167.79 KB); (2013)CCAMLR-XXXII, paragraphs 3.9 to 3.14; (2013)CCAMLR-XXXII, Annex 6, paragraphs 62 to 72; (2013)CCAMLR-XXXII/BG/07 (1657.44 KB); (2014)CCAMLR-XXXIII, paragraphs 3.2 to 3.21; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 1 to 74; (2014)CCAMLR-XXXIII/08 Rev. 1 (11.36 MB); (2015)CCAMLR-XXXIV, paragraphs 3.2 to 3.4, (2015)CCAMLR-XXXIV, Annex 6, paragraphs 1 to 73; (2015)CCAMLR-XXXIV/36 Rev. 2 (11.96 MB); (2016)CCAMLR-XXXV,	IUU vessels UK, South Africa, Australia and the Secretariat proposal (CCAMLR-XXX/33 (1233.63 KB)) Communication from Mongolia in relation to deregistration of IUU vessels Communication from DPRK in relation to deregistration of IUU vessels For (iii) USA proposal to enhance planning for inspection and enforcement (CCAMLR-XXX/26 (1115.77 KB)) USA and EU proposal to strengthen port inspection (CCAMLR-XXX/28 (1174.59 KB)) EU proposal re: IMO numbers (CCAMLR-XXX/36 (186.4 KB))

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		paragraphs 8.10 to 8.13; (2016) CCAMLR-XXXV, Annex 6, paragraphs 2 to 89; (2016) CCAMLR-XXXV/32 Rev. 1 (1.13 MB).	
3.1.2.2 Design and agree a strategy for krill fishery development (e.g. timing, spatial scale and location, catch limits) and fishery monitoring that explicitly (i) ensures that adequate information is available to support orderly development of the fishery while addressing Article II, and (ii) allows separation of the effects of fishing from climate change and natural variability. Further, and in an integrated manner, the monitoring of key dependent predators should be explicitly designed to (i) aid separation of the effects of fishing from climate change and natural variability, and (ii) explicitly link to the ongoing management decisions for krill fishery development. Consideration should be given to the use of	SC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009)CCAMLR-XXVIII, paragraphs 4.21 to 4.22 and 10.81; (2009)SC-CAMLR-XXVIII, paragraphs 4.37 to 4.48 and 10.7 to 10.10; (2009) SC-CAMLR-XXVIII, paragraphs 10.8 and 10.11; (2009) SC-CAMLR-XXVIII/07 (106.96 KB); (2009) WG-EMM-09/12 (1.12 MB); (2010)CCAMLR-XXIX, paragraphs 4.11, 4.23 and 4.74; (2010)SC-CAMLR-XXIX, paragraphs 15.11 and Table 7, (2010)SC-CAMLR-XXIX, Annex 7, paragraphs 5.1 to 5.11; (2010) CCAMLR-XXIX/BG/37 (425.77 KB); (2011)CCAMLR-XXX, paragraphs 4.14, 4.17 and 12.17;	Scientific Committee in progress – development of feedback management scheme for krill fisheries and agreed timetable (SC-CAMLR-XXX, paragraphs 3.33 to 3.35 and Annex 4, paragraph 2.157)

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indicators of predator status in the strategy for krill fishery development.		(2011)CCAMLR-XXX/31 ( 242.94 KB); (2011)SC-CAMLR-XXX, paragraphs 3.33 to 3.35, 3.40, 15.5 and Table 6; (2011)SC-CAMLR-XXX, Annex 4, paragraphs 1.8 to 1.9, 2.85 to 2.226 and Appendix D; (2011)SC-CAMLR-XXX/BG/06 ( 82.55 KB) and SC-CAMLR-XXX/BG/09 ( 116.34 KB); (2011)WG-EMM-11/25 ( 475.45 KB); (2012)CCAMLR-XXXI, paragraph 5.9; (2012)SC-CAMLR-XXXI, paragraph 3.25 to 3.42 (2012)SC-CAMLR-XXXI, Annex 6, paragraphs 2.74 to 2.116; (2012)WG-EMM-12/44 ( 419.75 KB), WG-EMM-12/39 ( 137.97 KB), WG-EMM-12/04 ( 945.49 KB) and WG-EMM-12/19 ( 3.94 MB); (2013)CCAMLR-XXXII, paragraphs 5.5 to 5.7; (2013)SC-CAMLR-XXXII, paragraphs 3.11 to 3.27; (2013)SC-CAMLR-XXXII, Annex 5, paragraph 2.69; (2013)WG-EMM-13/12 ( 117.77 KB), WG-EMM-13/04 ( 108.44 KB) and WG-EMM-13/11 ( 377.95 KB); (2014)CCAMLR-XXXIII,	

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		paragraphs 5.6 to 5.11; (2014)SC-CAMLR-XXXIII, paragraphs 2.16 and 3.21 to 3.38; (2014)SC-CAMLR-XXXIII/07 ( 164.1 KB), SC-CAMLR-XXXIII/BG/21 ( 207.25 KB) and SC-CAMLR-XXXIII/BG/34 ( 1.34 MB); (2014)WG-EMM-14/04 ( 1.24 MB), WG-EMM-14/27 ( 352.24 KB) and WG-EMM-14/36 ( 802.06 KB); (2015)CCAMLR-XXXIV, paragraph 5.12; (2015)CCAMLR-XXXIV, Annex 6, paragraph 190; (2015)CCAMLR-XXXIV/BG/28 Rev. 1 ( 1 MB) and CCAMLR-XXXIV/BG/47 ( 3.21 MB); (2015)SC-CAMLR-XXXIV, paragraphs 3.23, 3.42 to 3.68, 10.18; (2015)SC-CAMLR-XXXIV, Annex 6, paragraphs 2.95 to 2.178; (2015)SC-CAMLR-XXXIV/11 ( 1013.52 KB); (2015)WG-EMM-15/04 ( 1.22 MB), WG-EMM-15/11 ( 5.57 MB), WG-EMM-15/13 ( 1.25 MB), WG-EMM-15/24 ( 1.3 MB), WG-EMM-15/33 ( 1.23	

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		MB) and WG-EMM-15/36 (1.22 MB); (2016)CCAMLR-XXXV, paragraphs 5.9 to 5.30; (2016)CCAMLR-XXXV/16 (1.05 MB); (2016)SC-CAMLR-XXXV, paragraphs 2.13, 3.45 to 3.54, 10.24, 10.28, Figures 1 and 2; (2016)SC-CAMLR-XXXV/BG/29 Rev. 1 (1023.45 KB); (2016)WG-EMM-16/09 (1.25 MB), WG-EMM-16/44 (1.05 MB), WG-EMM-16/45 (4.56 MB), WG-EMM-16/48 (1.56 MB), WG-EMM-16/69 (1.94 MB) and WG-EMM-16/74 (1.22 MB); (2016)SG-ASAM-16/04 (1.31 MB).	
3.1.2.3 Options should be examined to develop and implement a more comprehensive and consistent monitoring program for harvested marine living resources under the purview of CCAMLR. This should aim to allow for the effective monitoring of the status of the resources, and the status should be centrally compiled and available for CCAMLR decision-making. It	SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 (106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.8 and 10.9. Refer to Report references cited for 3.1.1 and 3.1.2 (above)	Scientific Committee in progress – development of feedback management scheme for krill fisheries including monitoring with agreed timetable (SC-CAMLR-XXX, paragraphs 3.33 to 3.35 and Annex 4, paragraph 2.157)

Recommendation	Responsible body	Activities to date	Status
may be differentially targeted on species/areas of perceived highest risk, but it should endeavour to provide wide ecosystem coverage and relate to management actions that CCAMLR could take. The monitoring program should consider the need to differentiate the effects of fishing from the effects of other human activities and from natural variability (see also recommendation 6 under Criterion 3.1.3).			
3.1.3.2.1 Options should be examined to develop and implement a more comprehensive and consistent monitoring program for non-retained by-catch species (i.e. fish, elasmobranchs and invertebrates that are directly or indirectly affected by fishing but that are not commercially retained). This should aim to allow for the effective monitoring of the status of these species or groups, and the status should be centrally compiled and available for CCAMLR decision-making.	SC	(2008)CCAMLR-XXVII, paragraphs 4.42, 4.52 to 4.60, 5.20 to 5.27, 13.29, 13.30 and 13.62; (2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 4.58 to 4.61 and 4.69 to 4.72; (2008)WG-FSA-08/11 ( 429.21 KB), WG-FSA-08/30 ( 425.17 KB) and WG-FSA-08/44 ( 388.88 KB); (2008)WG-EMM-08/57 ( 44.5 KB); (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)CCAMLR-XXVIII, paragraph 4.34, 4.42,	Scientific Committee ongoing – by-catch monitoring in all fisheries – increased emphasis on improving by-catch data from krill fishery

Recommendation	Responsible body	Activities to date	Status
Monitoring may be differentially targeted on species/areas of perceived highest risk, but it should endeavour to provide wide ecosystem coverage and relate to management actions that CCAMLR could take. The monitoring program should consider the need to differentiate the effects of fishing from the effects of other human activities and from natural variability. Consideration should be given to mechanisms that can ensure an ongoing monitoring program to meet CCAMLR's requirements, including mechanisms that reduce the reliance and focus on funding and interests of individual Members. As appropriate, this monitoring program should be collaborative with other elements of the ATS and with the activities of those States that have national jurisdiction within parts of the Convention Area.		4.50, 12.33-12.34 and 12.84; (2009)SC-CAMLR-XXVIII, paragraphs 4.99 to 4.102 and 4.113 to 4.116; (2009)SC-CAMLR-XXVIII, paragraphs 10.5 and 10.7; (2009)SC-CAMLR-XXVIII/BG/12 ( 610.65 KB); (2009)WG-IMAF-09/10 ( 770.61 KB); (2009)WG-FSA-09/23 ( 51.3 KB); (2010)CCAMLR-XXIX, paragraphs 4.44, 4.53 to 4.58, 12.21 and 12.22 to 12.23 and 12.28; (2010)CCAMLR-XXIX/BG/18 ( 110.33 KB); (2010)SC-CAMLR-XXIX, paragraphs 3.79, 3.80, 3.88 and 3.89 and Annex 7; (2010)WG-FSA-10/08 ( 205.87 KB), WG-FSA-10/51 ( 424.97 KB); (2011)CCAMLR-XXX, paragraphs 4.33, 12.21 and 12.22, 12.24 and 12.26; (2011)SC-CAMLR-XXX, paragraph 3.114 and Annex 8; (2011)SC-CAMLR-XXX/BG/10 ( 71.62 KB); (2011)WG-EMM-11/04 Rev. 1 ( 47.13 KB); (2011)WG-FSA-11/04 (	

Recommendation	Responsible body	Activities to date	Status
		 333.97 KB) and WG-FSA-11/05 ( 64.22 KB); (2012)CCAMLR-XXXI, paragraphs 5.49, 5.52 to 5.54 and 7.28 to 7.30; (2012)SC-CAMLR-XXXI, paragraphs 3.102 to 3.116; (2012)WG-FSA-12/24 ( 1.04 MB) and WG-FSA-12/50 ( 1.05 MB); (2012)The biology, ecology and development of fishery management advice for the anomuran crabs at South Georgia (CCAMLR Subarea 48.3) ( 477.66 KB); (2013)CCAMLR-XXXII, paragraphS 3.18 to 3.23, 5.11, 5.45 and 5.65 to 5.75; (2013)SC-CAMLR-XXXII, paragraph 3.144; (2013)WG-FSA-13/33 ( 820.89 KB) (2014)CCAMLR-XXXIII, paragraph 3.65 to 3.69, 5.24, 5.31, 6.7 and 7.17 and 7.18; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 230 and 231; (2014)SC-CAMLR-XXXIII, paragraphs 3.143 to 3.146; (2014)WG-FSA-14/12 ( 822.83 KB) and WG-FSA-14/16 ( 533 KB); (2014)WG-EMM-14/31 Rev. 1 ( 4.49 MB); (2015)CCAMLR-XXXIV,	

Recommendation	Responsible body	Activities to date	Status
		paragraph 3.31 to 3.36, 5.61 to 5.68, 5.70, 6.3, 6.5, 8.21 and 8.22, 8.24 and 9.12; (2015)SC-CAMLR-XXXIV, paragraphs 3.161, 3.163, 3.166, 3.168, 3.171 and 7.4 to 7.19; (2015)WG-SAM-15/23 ( 1.36 MB); (2015)WG-FSA-15/04 Rev. 1 ( 1.44 MB); (2016)CCAMLR-XXXV, paragraphs 3.26 to 3.30, 3.38 and 3.39, 5.42, 5.62 to 5.64, 6.9, 8.16, 8.21, 8.22 and 8.39; (2016)CCAMLR-XXXV, Annex 6, paragraphs 2.90 and 180 to 184; (2016)CCAMLR-XXXV/23 ( 1.1 MB) and CCAMLR-XXXV/BG/19 ( 1.55 MB); (2016)SC-CAMLR-XXXV, paragraphs 3.153 to 3.167 and 3.177; (2016)WG-SAM-16/24 ( 1.19 MB); (2016)WG-FSA-16/13 Rev. 1 ( 1.74 MB) and WG-FSA-16/51 ( 1.2 MB).	
3.1.3.2.2 By-catch management measures of the kind applied to new or exploratory fisheries and to developed fisheries in some areas should be	SC/SCIC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.5	Scientific Committee ongoing – by-catch monitoring in all fisheries – increased emphasis on improving by-

Recommendation	Responsible body	Activities to date	Status
reviewed, further developed as appropriate, and applied consistently to all fishing including krill fishing.		and 10.7 ; see above.	catch data from krill fishery
3.1.3.2.3 Better coordination and planning with SCAR and the Parties to the Antarctic Treaty regarding data requirements for monitoring and research, information reporting and sharing, analysis and appropriate management responses.	Commission	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) SC-CAMLR-XXVIII/07 (106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.12 and 10.13 ; (2009)SC-CAMLR-XXVIII, paragraphs 4.3 to 4.6, 9.2 to 9.9 and 10.13; (2010)SCAR paper CCAMLR-XXIX/BG/15 (210.77 KB) proposes joint CCAMLR/SCAR action group. CEP/SC workshop and agreement to move forward; (2016)SC-CAMLR-XXXV, paragraphs 8.3 to 8.7. See 2.3.1.2.	Commission - In progress – advanced steps
3.1.3.2.4 Improved formal coordination through a Memorandum of Understanding, or similar agreement, with the 2001 ACAP to address issues such as coherent management	Commission	(2009) CCAMLR-XXVIII, paragraph 15.12 MoU between ACAP and CCAMLR; (2012)Renewed, CCAMLR-XXXI, paragraph 9.13; (2015)Renewed, CCAMLR-XXXIV, paragraph 10.12;	Complete

Recommendation	Responsible body	Activities to date	Status
inside and outside the Convention Area.		(2015) CCAMLR-XXXIV/13 ( 985.38 KB).	
3.1.3.2.5 CPs should use all legal avenues available to reduce and ideally eliminate the incidental mortality of seabirds, especially albatrosses and giant petrels in the Convention Area and in other areas where seabirds from the Convention Area occur. Further reduction, and ideally elimination, of IUU fishing in the Convention Area, and relevant areas outside the Convention Area, will make a significant contribution to this.	Members	French paper (2009) CCAMLR-XXVIII/34 ( 403.68 KB) – Cooperation with RFMOs in relation to CAMLR Convention Area. MOUs with WCPFC and ACAP.	Commission – In progress
3.1.3.2.6 Further examine, develop and agree methods to link monitoring information from dependent species to fishery management decision procedures, especially the procedures for determining the location and size of the krill catch. Ensure that these procedures have a high probability of satisfying the requirements of Article II.	SC/ Commission	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.5, 10.10 and 10.11 . See Scientific Committee and Commission discussion referenced under 3.1.2.2 (above).	Scientific Committee in progress – development of feedback management scheme for krill fisheries including monitoring with agreed timetable (SC-CAMLR-XXX, paragraphs 3.33 to 3.35 and Annex 4, paragraph 2.157)

Recommendation	Responsible body	Activities to date	Status
3.1.3.2.7 Review, and as necessary revise, CEMP to ensure that it can support the application of these procedures and other management decision-making processes in order to achieve the objectives of Article II. Consider approaches to fishery development and monitoring that will allow separation of the effects of fishing and natural variability, or at least that have a demonstrably high probability of achieving the objectives of Article II in spite of not being able to separate these two effects.	SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.7 and 10.8; (2010)SC-CAMLR-XXIX, paragraphs 10.3 and 15.11 and Table 7; (2010)SC-CAMLR-XXIX, Annex 7, paragraphs 5.1 to 5.11; (2010)CCAMLR-XXIX, paragraphs 4.11, 4.23 and 4.74; (2010)CCAMLR-XXIX/BG/37 ( 425.77 KB); (2011) Norway (A\$100 000) and EU (€20 000) offer funding support for ecosystems monitoring (CCAMLR-XXX, paragraph 15.3). In addition, Norwegian fishing industry committed to a 5-year program to support krill research and an additional A\$1 million had been provided to the Norwegian Institute of Marine Research also for krill research. (2011)CCAMLR-XXX, paragraphs 4.14, 4.17 and 12.17; (2011)CCAMLR-XXX/40 ( 78.08 KB); (2011)SC-CAMLR-XXX/BG/06 ( 82.55	Scientific Committee in progress – development of feedback management scheme for krill fisheries including monitoring with agreed timetable (SC-CAMLR-XXX, paragraphs 3.33 to 3.35 and Annex 4, paragraph 2.157)

Recommendation	Responsible body	Activities to date	Status
		KB) and SC-CAMLR-XXX/BG/09 (116.34 KB); (2011)SC-CAMLR-XXX, paragraphs 3.18 and 3.19, 3.36 to 3.42, 8.5, 10.4, 10.9 and 11.1 to 11.3 and Table 6; (2011)SC-CAMLR-XXX, Annex 4, paragraphs 1.8 and 1.9, 2.80 to 2.82, 2.104 to 2.106, 2.138, 2.142, 2.150, 2.164, 2.193 to 2.214 and Appendix D; (2011)WG-EMM-11/06 (240.93 KB), WG-EMM-11/25 (475.45 KB) and WG-EMM-11/P1 (711.43 KB); (2012)CCAMLR-XXXI, paragraphs 5.9 and 5.72; (2012)SC-CAMLR-XXXI, paragraphs 3.27, 3.39 to 3.42, 11.17 and 11.18; (2012)SC-CAMLR-XXXI, Annex 6, paragraphs 2.117 to 2.157; (2012)WG-EMM-12/04 (945.49 KB), WG-EMM-12/19 (3.94 MB), WG-EMM-12/39 (137.97 KB), WG-EMM-12/44 (419.75 KB) and WG-EMM-12/62 (1.31 MB); (2013)CCAMLR-XXXII, paragraphs 5.5 to 5.8; (2013)SC-CAMLR-XXXII, paragraphs 3.11, 3.15, 3.16, 3.24 and 3.28 to 3.30;	

Recommendation	Responsible body	Activities to date	Status
		(2013)SC-CAMLR-XXXII, Annex 5, paragraphs 2.62 to 2.66, 2.71, 2.74, 2.86 to 2.88 and 2.93 to 2.112; (2013)SC-CAMLR-XXXII/BG/11 ( 132.87 KB); (2013)WG-EMM-13/04 ( 108.44 KB), WG-EMM-13/11 ( 377.95 KB) and WG-EMM-13/12 ( 117.77 KB); (2014)CCAMLR-XXXIII, paragraphs 5.6 to 5.15; (2014)SC-CAMLR-XXXIII, paragraph 3.26; (2014)SC-CAMLR-XXXIII, Annex 6, paragraphs 2.66, 2.110, 2.143, 2,164, 2.171, 2.174, 2.177 and 2.178; (2014)SC-CAMLR-XXXIII/07 ( 164.1 KB); SC-CAMLR-XXXIII/BG/21 ( 207.25 KB), SC-CAMLR-XXXIII/BG/34 ( 1.34 MB), SC-CAMLR-XXXIII/BG/47; (2014)WG-EMM-14/04 ( 1.24 MB), WG-EMM-14/27 ( 352.24 KB) and WG-EMM-14/36 ( 802.06 KB); (2014)SC CIRC 14/09 and 14/15; (2015)CCAMLR-XXXIV, paragraph 5.12; (2015)CCAMLR-XXXIV, Annex 6, paragraph 190; (2015)CCAMLR-XXXIV/BG/28 Rev. 1 ( 1	

Recommendation	Responsible body	Activities to date	Status
		MB) and CCAMLR-XXXIV/BG/47 (3.21 MB); (2015)SC-CAMLR-XXXIV, paragraphs 3.25 to 3.32, 3.63, 3.65, 3.72 to 3.78; (2015)SC-CAMLR-XXXIV, Annex 6, paragraphs 2.95 to 2.100, 2.102, 2.135 to 2.137, 2.43, 2.148, 2.151, 2.157, 2.165 to 2.178 and 2.180 to 2.216; (2015)SC-CAMLR-XXXIV/11 (1013.52 KB); (2015)WG-EMM-15/04 (1.22 MB), WG-EMM-15/11 (5.57 MB), WG-EMM-15/13 (1.25 MB), WG-EMM-15/24 (1.3 MB), WG-EMM-15/33 (1.23 MB), WG-EMM-15/36 and WG-EMM-15/44 (1.09 MB); (2016)CCAMLR-XXXV, paragraphs 5.14 to 5.25; (2016)CCAMLR-XXXV/16; (2016)SC-CAMLR-XXXV, paragraphs 3.58 and 8.4; (2016)SC-CAMLR-XXXV/BG/29 Rev. 1 (1023.45 KB); (2016)WG-EMM-16/09 (1.25 MB), WG-EMM-16/44 (1.05 MB), WG-EMM-16/45 (4.56	

Recommendation	Responsible body	Activities to date	Status
		MB), WG-EMM-16/48 (1.56 MB), WG-EMM-16/69 (1.94 MB), WG-EMM-16/74 (1.22 MB); (2016) SG-ASAM-16/04 (1.31 MB).	
3.2.1.1 Explicit mechanisms, agreements and reporting should be developed to provide coherence and compatibility of research, monitoring and CMs within the Convention Area, including areas of high seas and areas of national jurisdiction.	SCIC/SC/ Commission	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009) SC-CAMLR-XXVIII/07 (106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.7 to 10.10 ; (2009) SC-CAMLR-XXVIII, paragraphs 10.5, 10.7 and 10.8 (2010)CCAMLR-XXIX, Annex 6, paragraphs 2.39 to 2.45; (2010) CCAMLR-XXIX/17 (187.33 KB); (2011)CCAMLR-XXX, Annex 6, paragraphs 2.48 to 2.54; (2011) CCAMLR-XXX/31 (242.94 KB); (2012)CCAMLR-XXXI, paragraph 7.26; (2012)CCAMLR-XXXI, Annex 6, paragraphs 3.1 to 3.3; (2012) CCAMLR-XXXI/29 (167.79 KB); (2013)CCAMLR-XXXII, paragraphs 3.9 to 3.14 and 5.14; (2013)CCAMLR-XXXII,	Scientific Committee In progress – spatial management and area protection is adequately addressed in the work program for MPA. SCIC – In progress – advanced steps.

Recommendation	Responsible body	Activities to date	Status
		Annex 6, paragraphs 62-29; (2013)CCAMLR-XXXII/BG/07 ( 657.44 KB); (2014)CCAMLR-XXXIII, paragraphs 3.2 to 3.21 and 9.11 to 9.21; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 150 and 153 to 160; (2015)CCAMLR-XXXIV, paragraphs 3.5 to 3.18 (2015)CCAMLR-XXXIV, Annex 6, paragraphs 90 to 92; (2015)CCAMLR-XXXIV/17 Rev. 1 ( 1.3 MB); (2015)SC-CAMLR-XXXIV, paragraphs 3.5 to 3.18; (2016)CCAMLR-XXXV, paragraphs 3.2 and 9.22 to 9.27; (2016)CCAMLR-XXXV, Annex 6, paragraphs 130 to 136; (2016)CCAMLR-XXXV/09 ( 992.4 KB) and CCAMLR-XXXV/BG/14 ( 1 MB).	
3.2.1.2 Explicit mechanisms, agreements and reporting should be developed with relevant nations and organisations to provide compatibility of management measures, research	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)CCAMLR-XXVIII, paragraphs 15.12 in relation to ACAP, 15.24 in relation to CCSBT, 15.25 in respect of	Commission – MOU with WCPFC and working with RFMOs close to CAMLR Convention Area. Scientific Committee – In progress – Chairs of CEP and CCAMLR

Recommendation	Responsible body	Activities to date	Status
and monitoring between the Convention Area and areas outside the Convention Area that contain species relevant to CCAMLR achieving the objectives of the Convention.		WCPFC and 15.27 in relation to FAO/FIRMS; (2009)SC-CAMLR-XXVIII, paragraph 10.13 (2012)CCAMLR-XXXI, paragraph 9.16 in relation to SIOFA and SPRFMO; (2013)CCAMLR-XXXII, paragraphs 9.15 renewal of arrangements with WCPFC and CCSBT and 9.18 and 9.19 in relation to SPRFMO and SIOFA; (2015)CCAMLR-XXXIV, paragraph 10.19 in relation to SPRFMO; (2016)CCAMLR-XXXV, paragraph 10.21 in relation to SPRFMO and 10.22 to 10.24 in relation to SEAFO and SIOFA.	SC participate in the meetings of both groups.
3.2.1.3 An explicit and active process should be developed to anticipate threats from fishing and environmental change, and to develop appropriate approaches through research, monitoring and/or precautionary CMs to address them before they become manifest.	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB) (2009)CCAMLR-XXVIII, paragraphs 4.44, 4.45 and 12.88; (2009)SC-CAMLR-XXVIII, paragraphs 10.5 to 10.10 (2009)SC-CAMLR-XXVIII, paragraphs 7.11 to 7.15 and 10.5 to 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB) and SC-CAMLR-	Scientific Committee – In progress – Observer system

Recommendation	Responsible body	Activities to date	Status
		XXVIII/BG/17 (203.66 KB); (2009)Resolution 30/XXVIII (Climate change); (2010)CCAMLR-XXIX, paragraphs 4.31 and 4.59 to 4.61; (2010)CCAMLR-XXIX/12 (90.85 KB), CCAMLR-XXIX/BG/17 (168.91 KB) and CCAMLR-XXIX/BG/19 (108.05 KB); (2010)SC-CAMLR-XXIX, paragraph 3.32; (2010)SC-CAMLR-XXIX/12 (158.52 KB) and SC-CAMLR-XXIX/BG/08 (106.33 KB); (2011)CCAMLR-XXX, paragraphs 4.34 to 4.36; (2011)CCAMLR-XXX/BG/14 (168.67 KB); (2011)SC-CAMLR-XXX, paragraphs 8.8 to 8.10; (2011)SC-CAMLR-XXX/13 (1.42 MB) and SC-CAMLR-XXX/BG/03 (582.75 KB); (2011)WG-EMM-11/16 (589.45 KB); (2012)CCAMLR-XXXI, paragraphs 5.8 and 5.70; (2012)CCAMLR-XXXI/BG/14 (98.58 KB); (2012)SC-CAMLR-XXXI,	

Recommendation	Responsible body	Activities to date	Status
		paragraphs 3.22 and 8.1 to 8.5; (2012)SC-CAMLR-XXXI/BG/10 ( 64.58 KB), SC-CAMLR-XXXI/BG/11 ( 96.96 KB); (2013)CCAMLR-XXXII/BG/11 ( 338.85 KB) and CCAMLR-XXXII/BG/15 ( 123.1 KB); (2013)SC-CAMLR-XXXII, paragraphs 8.1 to 8.10; (2013)WG-EMM-13/25 ( 987.49 KB); (2014)CCAMLR-XXXIII/BG/21 ( 81.81 KB); (2014)SC-CAMLR-XXXIII, paragraphs 8.1 to 8.5; (2015)The impacts of climate change added as a substantive item (Agenda Item 7) to the Commission's Agenda; (2015)CCAMLR-XXXIV, paragraphs 5.6, 5.91 and 5.92, 7.1 to 7.16 and 8.38 and Annex 8; (2015)CCAMLR-XXXIV/08 ( 1013.92 KB) and CCAMLR-XXXIV/31 ( 1.2 MB); (2015)SC-CAMLR-XXXIV/BG/29 ( 1.02 KB);	

Recommendation	Responsible body	Activities to date	Status
		MB); (2016)CCAMLR-XXXV, paragraphs 5.86, 5.99, 7.1 to 7.14, 8.35 and 8.36, 8.48, 9.1, 9.19 and 10.2; (2016)CCAMLR-XXXV/13 Rev. 1 (1.6 MB), CCAMLR-XXXV/BG/14 (1 MB), CCAMLR-XXXV/BG/22 (1.2 MB) and CCAMLR-XXXV/BG/24 (1.01 MB); (2016)SC-CAMLR-XXXV/07 (1.19 MB) and SC-CAMLR-XXXV/11 (1004.23 KB); (2016)WG-EMM-16/30 (1.65 MB), WG-EMM-16/53 (1.46 MB) and WG-EMM-16/71 (1.02 MB).	
3.2.1.4 A more coordinated and coherent approach to ecosystem monitoring and research should be developed and adopted. Other recommendations by the RP address separately the monitoring of harvested species, monitoring of species that are dependent, associated or in the same ecosystem as harvested species,	Commission/ SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 (106.96 KB) (2009)SC-CAMLR-XXVIII, paragraphs 10.5 and 10.7 to 10.10.	Scientific Committee in progress - development of feedback management scheme for krill fisheries including monitoring with agreed timetable (SC-CAMLR-XXX, paragraphs 3.33 to 3.35 and Annex 4, paragraph 2.157)

Recommendation	Responsible body	Activities to date	Status
better coordination with monitoring and research in regions of State jurisdiction within the Convention Area, and development of management procedures that make use, or take account, of CEMP-like monitoring information. The recommendation here is for these to be viewed, planned and reported coherently to support CCAMLR's implementation of the Ecosystem Approach to Fisheries. For example, there may be merit in expanding the role of CEMP beyond the krill-centric ecosystem view, and for development of a single program to be responsible for the monitoring needs of all of CCAMLR's management including a wider range of invertebrates, fish and wildlife (e.g. Weddell seals).			
3.2.1.5 Develop mechanisms to address burden-sharing for research and monitoring among Members so as to reduce the current reliance on a small number of Members	SC	See also Section 7.2.1.2 (below) (2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10;	Scientific Committee in progress – establishment of CCAMLR Scholarship, CEMP Special Fund and Secretariat Internship all

Recommendation	Responsible body	Activities to date	Status
and consequent risk to CCAMLR's management approaches if any of these Members reduced their input (this issue is also discussed in Chapter 7). The RP viewed this with particular concern, given the fundamental importance of research and monitoring to the CCAMLR management approach and the difficulties experienced by scientists in securing funding for monitoring.		(2008)SC-CAMLR-XXVII (paragraphs 10.2 to 10.10); (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.15 to 10.20; (2009)CCAMLR-XXVIII, paragraphs 16.6 to 16.13 and 16.17; (2010)The EU contributed €50 000 to the CCAMLR Scientific Scholarship Scheme (CCAMLR-XXIX, paragraph 4.79); (2010)SC-CAMLR-XXIX, paragraphs 15.1 to 15.9 and 15.10 to 15.13; (2011)CCAMLR-XXX, paragraph 15.2; (2011) The EU offered an additional €20 000 to the CCAMLR Scientific Scholarship Scheme (CCAMLR-XXX, paragraph 15.6); (2016)SC-CAMLR-XXXV, paragraph 11.3; (2016)SC-CAMLR-XXXV/12 ( 979.13 KB) Report of the Scientific Committee Symposium.	address capacity building.
3.3.1.1 The centrally supported capability for information acquisition, verification, archiving and delivery should be maintained and	SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10); (2008)CCAMLR-	Scientific Committee – In progress – staged implementation of the recommendations of the 2011

Recommendation	Responsible body	Activities to date	Status
expanded so as to meet anticipated needs. The increase in fishing activities that is expected during the next few years, for both krill and other species, will increase the scale and complexity of data acquisition, verification, archiving and delivery into CCAMLR assessment and management processes. The development of more integrated approaches to planning and utilising information from ecological monitoring is likely to increase the workload on the CCAMLR capability for information management, especially during the period of re-design and transition, and any such needs should be identified and addressed. These tasks need to be considered in the light of the resources allocated to them by the Commission.		XXVII/07 ( 140.85 KB); (2009)CCAMLR-XXVIII/06 ( 115.63 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.5 and 10.7; (2009)SC-CAMLR-XXVIII, paragraphs 13.1 to 13.7); (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2010)CCAMLR-XXIX, paragraphs 3.7 and 4.72; (2010)CCAMLR-XXIX, Annex 5, paragraph 10; (2010)CCAMLR-XXIX/13 ( 103.06 KB); (2010)SC-CAMLR-XXIX, paragraph 14.1; (2010)WG-SAM-10/08 ( 32.43 KB); (2011)SC-CAMLR-XXX, paragraphs 2.9, 2.10 and 14.1 to 14.6; (2011)SC-CAMLR-XXX, Annex 4, paragraphs 6.1 to 6.3; (2011)CCAMLR-XXX, paragraphs 4.35 to 4.37; (2011)CCAMLR-XXX, Annex 5, paragraph 9; (2011)CCAMLR-XXX/05 ( 1.33 MB); (2012)COMM CIRC 12/97, SC CIRC 12/47 (2014)SC-CAMLR-XXX, Annex 7, paragraph 6.4; (2014)SC-CAMLR-XXXV/BG/25 Rev. 1; (2016)SC-CAMLR-XXXV, paragraphd 2.15, 11.4, 13.1 and 14.1 to 14.8;	independent review of data management systems, including integration of data systems, development of an enterprise data model and rationalisation of the server environment.

Recommendation	Responsible body	Activities to date	Status
		(2016)COMM CIRC 16/94, SC CIRC 16/69; Plus SG-ASAM, WG-FSA and WG-SAM meeting Reports.	
3.3.1.2 CCAMLR should consider mechanisms for capacity building and cooperative programs, particularly for Developing States, in order to support the information needs of Article II and the ecosystem approach to fishery management.	SC	See also 6.5.2.1 (2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) CCAMLR-XXVIII, paragraphs 16.6 to 16.13 and 16.17 ; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.15 to 10.20 ; (2009)SC-CAMLR-XXVIII, paragraphs 10.15 to 10.23; (2010)SC-CAMLR-XXIX, paragraphs 15.10 to 15.13 and Annex 9 – endorsement of the CCAMLR Scientific Scholarship Scheme (participation not limited to developing States; (2011)CCAMLR-XXX, Annex 4, paragraph 30 (2011)CCAMLR-XXX, Annex 5, paragraphs 4.15 to 4.18; (2011) CCAMLR-XXX/07 ( 375.28 KB), CCAMLR-XXX/28 ( 174.59 KB) and CCAMLR-XXX/33 ( 233.63 KB); (2012)CCAMLR-XXXI, paragraph 8.15;	Scientific Committee – In progress – A steering committee was established SC-CAMLR-XXVIII, para 10.2 and capacity building.

Recommendation	Responsible body	Activities to date	Status
		(2012) CCAMLR-XXXI/37 (138.84 KB) CDS capacity building in Africa; (2012)COMM CIRC 12/97, SC CIRC 12/47.	
3.3.2.1 An explicit mechanism should be established whereby all Members and CPs regularly notify CCAMLR of potentially relevant research and monitoring being conducted in the Convention Area. This includes fishery catch and effort, observer programs and research programs within areas in the Convention Area under national jurisdiction. As agreed and appropriate, data from these activities should be made available to CCAMLR, but in any event, the existence of the activities and information should be notified so as to allow exploration of scientific collaboration.	SCIC SC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) SC-CAMLR-XXVIII/07 (106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.15 to 10.20 ; (2009) CCAMLR-XXVIII, paragraph 16.6 to 16.13 and 16.17 . Adoption of CM 24-01 (scientific research) Refer to annual reviews by the Scientific Committee and its Working Groups of notifications submitted by Members under CM 21-01, 22-01, 23-01 and 24-01.	Scientific Committee – Completed CM 24-01 SCIC – In progress – advanced steps with regard to progress made in respect of areas in the Convention Area. Not yet considered by France with respect to the French EEZ.
3.3.2.2 All Members and CPs should further develop mechanisms to ensure that vessels and fishing companies under their jurisdiction adhere to CCAMLR	Members		Commission – In progress

Recommendation	Responsible body	Activities to date	Status
CMs, including information reporting requirements. This Flag State obligation is further addressed in Chapter 4.			
3.3.2.3 The Scheme of International Scientific Observation should be reviewed and supported so as to meet expanded CCAMLR monitoring and management requirements, particularly requirements relating to habitat, by-catch and other elements of the ecosystem approach to fisheries management. This should include ensuring adequate training, adequate manuals and guides and prioritisation of tasks. This may be linked to consideration of developing a single program responsible for meeting CCAMLR's scientific monitoring needs, as recommended through a previous criterion. This should also consider whether the existing bilateral mechanism for identifying and placing observers is the best for the coming	SC SCIC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009)SC-CAMLR-XXVIII, paragraphs 6.1 to 6.30 and 10.5 to 10.7; (2009)SC-CAMLR-XXVIII, paragraphs 10.7 to 10.10. (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB), SC-CAMLR-XXVIII/BG/02 ( 134.28 KB) and SC-CAMLR-XXVIII/BG/09 ( 306.39 KB); (2010)SC-CAMLR-XXIX, paragraphs 7.1 to 7.16; (2010)TASO-10 Report ( 97.6 KB) (2010)SC-CAMLR-XXIX/BG/02 ( 123.23 KB); (2011)SC-CAMLR-XXX, paragraphs 7.1 to 7.20; (2012)SC-CAMLR-XXXI, paragraphs 7.1 to 7.20; (2012)WG-FSA-12/63 ( 93.93 KB); (2013)SC-CAMLR-XXXII, paragraphs 1.9 and 7.1 to 7.15; (2013)SC-CAMLR-	Scientific Committee – In progress, SC-CAMLR-XXX paragraphs 7.15 (Observer review) and 7.19 and 7.20 (COTPAS)

Recommendation	Responsible body	Activities to date	Status
circumstances, because it could both limit the supply of observers and result in an inequitable distribution of costs.		XXXII/07 Rev. 1 ( 1.23 MB); (2014)SC-CAMLR-XXXIII, paragraphs 7.7 to 7.10; (2014)SC-CAMLR-XXXIII/BG/18 ( 326.86 KB); (2015)SC-CAMLR-XXXIV, paragraphs 7.28 to 7.31; (2015)SC-CAMLR-XXXIV/BG/23 ( 1.39 MB); (2016)SC-CAMLR-XXXIV, Annex 5, paragraph 6.10.	
3.3.3.1 Clarify the responsibilities of CPs who are fishing but who are not CCAMLR Members. Ensure that these CPs do have an obligation to report on their fishing activities and to abide by all CMs.	Commission		Commission – Complete
3.3.4.1 Training and accreditation for scientific observers should be standardised to improve the quality of the data collected.	SC/SCIC/ TASO/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009)SC-CAMLR-XXVIII, paragraphs 6.6 to 6.12; (2009)SC-CAMLR-XXVIII, paragraphs 10.5 to 10.7; (2009)SC-CAMLR-XXVIII, Annex 9, paragraphs 4.5 and 4.10; (2009)SC-CAMLR-	Scientific Committee – In progress, SC-CAMLR-XXX, paragraphs 7.19 and 7.20 (COTPAS)

Recommendation	Responsible body	Activities to date	Status
		XXVIII/07 ( 106.96 KB) and SC-CAMLR-XXVIII/BG/09 ( 306.39 KB); (2010)CCAMLR-XXIX, paragraphs 10.1 to 10.6 (2010)SC-CAMLR-XXIX, paragraphs 7.4 to 7.16); (2010)TASO-10 Report ( 97.6 KB); (2010)SC-CAMLR-XXIX/BG/02 ( 123.23 KB); (2011)SC-CAMLR-XXX, paragraphs 7.9 to 7.20; (2011)SC-CAMLR-XXX/08 ( 149.39 KB); (2012)SC-CAMLR-XXXI, paragraphs 7.1 to 7.20; (2013)SC-CAMLR-XXXII, paragraphs 7.7 to 7.11; (2013)SC-CAMLR-XXXII/07 Rev. 1 ( 1.23 MB); (2014)SC-CAMLR-XXXIII, paragraphs 7.1 to 7.19; (2014)SC-CAMLR-XXXIII/10 ( 92.2 KB), SC-CAMLR-XXXIII/18 and SC-CAMLR-XXXIII/BG/18 ( 326.86 KB); (2015)SC-CAMLR-XXXIV, paragraphs 7.28 to 7.31; (2015)SC-CAMLR-XXXIV/BG/23 ( 1.39 MB); (2016)SC-CAMLR-XXXV, paragraphs 7.1 to 7.12.	

Recommendation	Responsible body	Activities to date	Status
3.3.4.2 The priorities for data to be collected by observers should be clarified.	SC/SCIC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 5.28 and 5.29; (2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2008-2009)Agenda Item 6 SC-CAMLR-XXVII and XVIII; (2009) SC-CAMLR-XXVIII, Annex 9, paragraphs 3.1 to 3.25 ; (2009) SC-CAMLR-XXVIII, paragraphs 10.7 to 10.10 ; (2008) CCAMLR-XXVII, Annex 5, paragraph 7.6 ; (2010-2016)Agenda Item 7 SC-CAMLR-XXIX to XXXV inclusive.	Scientific Committee – In progress, SC-CAMLR-XXX, paragraph 7.15 (Observer review)
3.3.4.3 Monitoring and reporting of the krill fishery should be made consistent with the requirements of other CCAMLR fisheries.	SC/SCIC/ Commission	(2008) CCAMLR-XXVII, Annex 5, paragraph 7.6 ; (2009) SC-CAMLR-XXVIII, paragraph 10.11 ; (2010)SC-CAMLR-XXIX, paragraphs 3.12, 3.14 to 3.22 and 7.7; (2011)SC-CAMLR-XXX, paragraphs 2.10 and 7.1 to 7.17; (2011) SC-CAMLR-XXX/BG/06 (82.55 KB) and SC-CAMLR-XXX/BG/19; (2012)SC-CAMLR-XXXI, paragraphs 3.102, 7.2 and 7.15 to 7.20; (2013)SC-CAMLR-XXXII, paragraphs 3.135, 3.141 and 7.2 to 7.9; (2014)SC-CAMLR-XXXIII, paragraphs 3.5,	Ongoing review and implementation of observer coverage, implementation VMS for krill fishing vessels.

Recommendation	Responsible body	Activities to date	Status
		3.145, 3.146 and 7.14 to 7.19; (2014)SC-CAMLR-XXXIII/16 and SC-CAMLR-XXXIII/18; (2015)CCAMLR-XXXIV/35 Rev. 1 ( 1016.64 KB); (2015)SC-CAMLR-XXXIV, paragraphs 2.6, 2.23, 2.26 and 7.28 to 7.31; (2015)SC-CAMLR-XXXIV/BG/23 ( 1.39 MB); (2016)CCAMLR-XXXV/31 ( 1.05 MB); (2016)SC-CAMLR-XXXV, paragraphs 2.3, 3.155, 3.156 and 7.1 to 7.12.	
3.4.1.1 Consider mechanisms to distribute the cost of providing scientific analysis and support for the Working Groups and Scientific Committee more equitably among CCAMLR Members, without reducing the current quality of the scientific input.	SC/SCAF/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10.; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009)SC-CAMLR-XXVIII, paragraphs 10.15 to 10-20; (2010)SC-CAMLR-XXIX, paragraphs 15.5 to 15.13; (2010)SC-CAMLR-XXIX/BG/05 ( 96.43 KB); (2011)SC-CAMLR-XXX, paragraphs 11.4 to 11.13; (2012)SC-CAMLR-XXXI, paragraphs 11.4 to 11.13; (2013)SC-CAMLR-XXXII,	Scientific Committee – complete – General Science Capacity Special Fund.

Recommendation	Responsible body	Activities to date	Status
		paragraphs 13.8 to 13.13; (2014)SC-CAMLR-XXXIII, paragraphs 13.7 to 13.14; (2015)SC-CAMLR-XXXIV, paragraphs 13.10 to 13.13; (2016)SC-CAMLR-XXXV, paragraphs 13.28 to 13.24; (2016)the Science Symposium (SC-CAMLR-XXXV/12 ( 979.13 KB)); (2016)SC-CAMLR-XXXV/08 ( 973.55 KB).	
3.4.1.2 Further extend the approach of standardised management procedures and risk management. These extensions could take the form of fully integrated management procedures that provide a single ‘answer’ and/or a standardised way that risk is presented under different management options. Suggested extensions are (i) procedures for calculating catch limits should be developed for further stocks; (ii) procedures for spatial allocation of catch, including among	SC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.8 and 10.9; (2013)CCAMLR-XXXII, paragraph 5.14; (2015)CCAMLR-XXXIV, paragraphs 9.11 to 9.21; (2015)CCAMLR-XXXIV/17 Rev. 1 ( 1.3 MB); (2016)CCAMLR-XXXV, paragraphs 9.22 to 9.27; (2016)CCAMLR-XXXV/09 ( 992.4 KB) and CCAMLR-XXXV/BG/14 ( 1 MB); (2016)SC-CAMLR-XXXV, paragraphs 13.21 to 13.24; (2016)SC-CAMLR-XXXV/BG/31 ( 1.21 MB) and SC-CAMLR-	Scientific Committee - In progress.

Recommendation	Responsible body	Activities to date	Status
SSMUs; and, (iii) procedures for incorporating information on by-catch, dependent and associated species into catch limits and spatial allocations.		XXXV/BG/20 ( 987.8 KB).	
3.4.1.3 The form of the Scientific Committee report should be reviewed to identify improvements in the efficiency and effectiveness of (i) reporting status and risk; (ii) providing management recommendations; and (iii) ensuring scientific and management focus on the emerging key challenges.	SC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2015)CCAMLR-XXXIV, paragraphs 9.1 to 9.10; (2015)SC-CAMLR-XXXIV, Annex 6, paragraphs 5.1 to 5.4; (2015) WG-EMM-15/59 ( 1.05 MB); (2016)SC-CAMLR-XXXV, paragraph 13.6; (2016) SC-CAMLR-XXXV/12 ( 979.13 KB): Report of the Scientific Committee Symposium.	Scientific Committee – not done
3.5.2.1 The requirements for conservation of habitats should be reviewed, including existing relevant CMs relating to habitat protection, use of fishing gear that impacts habitats and the monitoring and research programs. As with other aspects of ecosystem management, this should seek a balance	SC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; Marine protected Areas, collapsed ice-shelves/time limited special areas for scientific study and ASPAs and ASMAs: (2009)SC-CAMLR-XXVIII, paragraphs 3.14 to 3.33; (2009)CCAMLR-XXVIII, paragraphs 7.1 to 7.19; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB);	Scientific Committee - In progress - ongoing discussion in relation to MPAs and VMEs.

Recommendation	Responsible body	Activities to date	Status
between impacts and exploitation.		(2009)SC-CAMLR-XXVIII, paragraphs 10.5 and 10.6; (2010)CCAMLR-XXIX, paragraph 7.1 to 7.20, 12.74 to 12.76 and 13.2; (2010)SC-CAMLR-XXIX, paragraphs 5.14 to 5.41); (2011)CCAMLR-XXX, paragraphs 7.1 to 7.43, 12.38 and 12.39; (2011)SC-CAMLR-XXX, paragraphs 5.10 to 5.81 and Annex 6; (2011)SC-CAMLR-XXX/06 ( 1.09 MB) and SC-CAMLR-XXX/13 ( 1.42 MB); (2011)WS-MPA-11/17 ( 346.17 KB); (2012)CCAMLR-XXXI, paragraphs 5.57 to 5.69 and 7.6 to 7.109; (2012)CCAMLR-XXXI/30 ( 370.85 KB); (2012)SC-CAMLR-XXXI, paragraphs 5.15 to 5.81; (2013)CCAMLR-XXXII, paragraphs 5.76 to 5.87 and 7.1 to 7.57; (2013)CCAMLR-SM-II; (2013)SC-CAMLR-XXXII, paragraphs 5.13 to 5.55; (2013)SC-CAMLR-IM-I; (2014)CCAMLR-XXXIII, paragraphs 5.71 to 5.88 and 7.47 to 7.82; (2014)SC-CAMLR-XXXIII, paragraphs 5.11 to 5.76; (2015)CCAMLR-XXXIV, paragraphs 7.1 to 7.9;	

Recommendation	Responsible body	Activities to date	Status
		(2015)CCAMLR-XXXIV/21 ( 1.31 MB); (2015)SC-CAMLR-XXXIV, paragraphs 5.5 to 5.30 and 8.14 to 8.22; (2016)CCAMLR-XXXV, paragraphs 5.86 to 5.90; (2016)CCAMLR-XXXV/13 Rev. 1 ( 1.6 MB); (2016)SC-CAMLR-XXXV, paragraphs 5.5 to 5.38 and 8.10 to 8.17. Bottom fishing and vulnerable marine ecosystems: (2009)CCAMLR-VIII, paragraphs 5.3 to 5.10; (2009)SC-CAMLR-XXVIII, paragraphs 4.238 to 4.258 (2010)CCAMLR-XXIX, paragraphs 5.1 to 5.7; (2010)SC-CAMLR-XXIX, paragraphs 5.1 to 5.13; (2011)CCAMLR-XXX, paragraphs 5.1 and 5.2; (2011)SC-CAMLR-XXX, paragraphs 5.1 to 5.9; (2012)CCAMLR-XXXI, paragraphs 5.55 and 5.56; (2012)SC-CAMLR-XXXI, paragraphs 5.1 to 5.14; (2013)CCAMLR-XXXII, paragraphs 5.67 to 5.75; (2013)SC-CAMLR-XXXII, paragraphs 5.1 to 5.12; (2014)CCAMLR-XXIII, paragraph 5.70; (2014)SC-CAMLR-XXXIII, paragraphs 5.1 to 5.10;	

Recommendation	Responsible body	Activities to date	Status
		(2015)CCAMLR-XXXIV, paragraph 5.70; (2015)SC-CAMLR-XXXIV, paragraphs 5.1 to 5.4; (2016)CCAMLR-XXXIV, paragraph 5.70; (2016)SC-CAMLR-XXXI, paragraphs 5.1 to 5.4.	
3.5.2.2 Appropriate precautionary approaches and responses to adverse environmental conditions, including climate change, should be developed and adopted. This should recognise that adverse environmental conditions could affect the populations as well as the processes of the Antarctic ecosystem, and that effects could be manifested through changes to harvested species, associated species or dependent species separately or in combination. In the context of this criterion, attention is drawn to the recommendations under Criteria 3.1.1, 3.3.3 and 3.5.4.	SC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) SC-CAMLR-XXVIII/07 (106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.5, 10.7 and 10.8 ; See above. Feedback management and precautionary catch limits that take into account climate variability and the needs of krill-dependent predators.	Scientific Committee – need to consider climate change as a component of a range of issues, rather than simply as a stand-alone item (SC-CAMLR-XXX, paragraph 15.5 and SC-CAMLR-XXX, Table 6 (23.75 KB)).
3.5.3.1 Explicit goals and criteria for acceptable impact on all the various categories of species in	SCIC/SC/ Commission	(2008) CCAMLR-XXVII, Annex 5, paragraph 7.6 ; (2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ;	Scientific Committee – In progress SCIC – referred to

Recommendation	Responsible body	Activities to date	Status
the CCAMLR management system (e.g. depleted species, harvested species, retained by-catch, non-retained by-catch, trophically dependent species, habitat-forming species and species that constitute VMEs) should be developed and applied.		(2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); See VME references under 3.5.2.1 and Agenda Item 4 of the Scientific Committee Report dedicated to incidental mortality arising from fishing operations, the role of fish in the ecosystem and fish and invertebrate by-catch.	the Scientific Committee.
3.5.3.2 The RP strongly supported the views expressed in paragraphs 3.3 to 3.17 of the 2007 Scientific Committee report (SC-CAMLR-XXVI) regarding the collection of data from the krill fishery, and recommended that at least the requirements of the new and exploratory fisheries be applied to the krill fishery. The procedures for new and exploratory fisheries should be applied to all new and exploratory fisheries, including the developing krill fishery.	SC/ Commission	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009) SC-CAMLR-XXVIII, paragraphs 10.5, 10.7, 10.8 and 10.11 (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2013)CCAMLR-XXXII, paragraphs 4.3, 6.1, 7.72 and 7.76; (2013)CCAMLR-XXXII, Annex 7, paragraph 9; (2014)CCAMLR-XXXIII, paragraphs 3.52 to 3.59, 6.7 and 7.35 to 7.45; (2014) CCAMLR-XXXIII/16 ( 116.87 KB), CCAMLR-XXXIII/18 ( 144.14 KB) and CCAMLR-XXXIII/BG/25 ( 161.82 KB);	Scientific Committee – In progress – krill fishery provides notification and data from observers are being submitted.

Recommendation	Responsible body	Activities to date	Status
		(2015)CCAMLR-XXXIV, paragraphs 4.4, 3.37 to 3.51, 3.70 to 3.73, 6.1 to 6.7, 7.10 and 8.13; (2015)CCAMLR-XXXIV, Annex 6, paragraphs 146 to 157 and 189 to 192; (2015)CCAMLR-XXXIV, Annex 7, paragraphs 19 to 26; (2015)CCAMLR-XXXIV/10 (1.07 MB), CCAMLR-XXXIV/22 (1.69 MB), CCAMLR-XXXIV/BG/34 (1 MB) and CCAMLR-XXXIV/35 Rev. 1 (1016.64 KB); (2015)SC-CAMLR-XXXIV, paragraphs 4.4 and 4.5, 7.1 to 7.31 and 6.1 to 6.3); (2016)CCAMLR-XXXV, paragraphs 3.21 to 3.25, 6.1 to 6.9, 8.14, 8.18 and 8.19; (2016)SC-CAMLR-XXXV, paragraphs 7.3 to 7.12; (2016)SC-CAMLR-XXXV, Annex 6, paragraph 2.47..	
3.5.3.3 The basis for selecting species groups to which aggregate catch limits apply, and the basis for determining the aggregate catch limit, should be developed and applied. This	SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2008)SC-CAMLR-XXVII, paragraphs 10.2 to 10.10; (2009)SC-CAMLR-XXVIII, paragraphs 10.5, 10.7 and 10.8;	Scientific Committee – In progress – aggregate catch limits are developed consistent with information.

Recommendation	Responsible body	Activities to date	Status
relates particularly to aggregate catch limits on by-catch species, but in principle could also be relevant to limits for directed fishing.		(2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.5, 10.7 and 10.8 ; (2016)SC-CAMLR-XXXV, paragraphs 3.153 to 3.167; (2016)CCAMLR-XXXV, paragraphs 5.42, 5.62 to 5.64, 8.16, 8.21 and 8.22	
3.5.3.4 More explicit criteria for acceptable impacts on habitats and habitat-forming species should be developed. The adequacy or appropriateness of the existing CMs should be reviewed in relation to these criteria and revised as appropriate.	SC/SCIC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.5, 10.7 and 10.8 ; See 3.5.2.1 above.	Scientific Committee – In progress – VME definitions and impact assessments. SCIC – referred to the Scientific Committee.
3.5.5.1 An overall strategy and plan should be developed to address conservation of biodiversity in the Convention Area, including the use and contribution of fishery management measures. This should include consideration of providing comprehensive, adequate and representative protection for overall	SC/ Commission	(2009)CCAMLR-XXVIII, paragraph 12.86 - adoption of the South Orkney Southern Shelf MPA; (2009)SC-CAMLR-XXVIII, paragraphs 3.14 to 3.19 – recommendation in relation to the South Orkney Southern Shelf MPA; (2009)SC-CAMLR-XXVIII, paragraphs 3.25 to 3.33 in relation to milestones; (2010)CCAMLR-XXIX,	Scientific Committee – In progress – MPA work.

Recommendation	Responsible body	Activities to date	Status
biodiversity in the Convention Area.		paragraphs 7.1 to 7.20; (2010)SC-CAMLR-XXIX, paragraphs 5.14 to 5.39; (2011)CCAMLR-XXX, paragraphs 7.1 to 7.36; (2011)CCAMLR-XXX, paragraphs 7.37 to 7.43 - adoption of a General framework Conservation Measure 91-04; (2011)SC-CAMLR-XXX, paragraphs 5.10 to 5.81; (2012)CCAMLR-XXXI, paragraphs 5.57 to 5.69 and 7.60 to 7.109; (2012)SC-CAMLR-XXXI, paragraphs 5.15 to 5.59; (2013)CCAMLR-XXXII, paragraphs 5.76 to 5.87 and 7.1 to 7.57; (2013)Report of the Second Special Meeting of the Commission; (2013)SC-CAMLR-XXXII, paragraphs 5.13 to 5.37 and 5.42 to 5.55; (2013)Report of the First Intersessional Meeting of the Scientific Committee; (2014)CCAMLR-XXXIII, paragraphs 5.71 to 5.88 and 7.47 to 7.76; (2014)SC-CAMLR- XXXIII, paragraphs 5.11 to 5.76; (2015)CCAMLR-XXXIV, paragraphs 5.71 to 5.90 and 8.41 to 8.122; (2015)SC-CAMLR- XXXIV, paragraphs 5.5 to 5.30; (2016)CCAMLR-XXXV,	

Recommendation	Responsible body	Activities to date	Status
		paragraphs 5.71 to 5.85 and 8.35 to 8.94, including 8.48 relating to the adoption of the Ross Sea MPA and the associated Conservation Measure 91-05; (2016)SC-CAMLR-XXXV, paragraphs 5.5 to 5.38.	
3.5.5.2 The consequences of excluding most of the CCAMLR CMs relevant to this Review criterion from some areas of national jurisdiction should be assessed, and, as necessary, mechanisms should be established to ensure that consistent and coherent management of biodiversity in the Convention Area is achieved.	Commission/ Members		Commission – In progress
3.5.6.1 The reporting requirements for lost gear from commercial fishing operations should be improved and strengthened¹.	SCIC/ TASO	(2008)SC-CAMLR-XXVII, paragraphs 10.1 to 10.10; (2009)SC-CAMLR-XXVIII, paragraphs 10.5 and 10.7 to 10.9; (2009)SC-CAMLR-XXVIII/09 ( 299.15 KB); (2009)WG-IMAF-09/10 ( 770.61 KB); (2010)CCAMLR-XXIX/BG/51 ( 315.14 KB); (2012)SC-CAMLR-XXXI, paragraphs 4.5 and 4.6;	SCIC - Complete

Recommendation	Responsible body	Activities to date	Status
		(2012)SC-CAMLR-XXXI/BG/06 (1.23 MB); (2012)WG-FSA-12/65 (224.73 KB); (2013)SC-CAMLR-XXXII, paragraphs 4.6 to 4.8; (2013)SC-CAMLR-XXXII/BG/05 (849.38 KB); (2014)SC-CAMLR-XXXIII, paragraphs 4.6 and 4.7; (2014)SC-CAMLR-XXXIII/BG/31 (496.12 KB); (2014)WG-FSA-14/68 (219.63 KB); (2015)CCAMLR-XXXIV, paragraphs 4.5 and 4.6; (2015)CCAMLR-XXXIV, Annex 6, paragraph 223; (2015)SC-CAMLR-XXXIV, Annex 7, paragraph 3.24; (2015)WG-FSA-15/15 (1.15 MB); (2016)SC-CAMLR-XXXV, paragraph 4.15. The Scientific Committee agreed that lost gear be reported on C2 forms.	
3.5.6.2 The likely scale and impact of lost fishing gear on fishery target species, and associated and dependent species should be assessed. If this is significant,	SC/SCIC	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 (106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.5	Scientific Committee considered impact of lost gear on unrecorded removals (SC-CAMLR-XXX, paragraph 3.169)

Recommendation	Responsible body	Activities to date	Status
ongoing procedures should be established, as appropriate, to assess these impacts and account for them in management decision-making.		and 10.7 to 10.9 ; See above.	
3.5.6.3 Consideration should be given to the risks posed by the introduction of bait into the Convention Area.2	SC	(2008) SC-CAMLR-XXVII, paragraphs 10.2 and 10.10 ; (2009) SC-CAMLR-XXVIII, paragraphs 10.5 and 10.7 to 10.9 ; (2009) SC-CAMLR-XXVIII/06 ( 163.82 KB) and SC-CAMLR-XXVIII/07 ( 106.96 KB).	Scientific Committee – recognise CEP as lead body on introduced species.
3.6.1.1 CCAMLR should develop and apply methods to identify fishing capacity levels that are commensurate with sustainable harvests from the fisheries in the Convention Area.	Commission	CCAMLR has adopted a suite of measures which relate to sustainable harvests. Many exploratory measures include limitations on the number of vessels which may participate in each exploratory fishery. (2010) CCAMLR-XXIX, paragraph 12.38 ; (2011) See CCAMLR-XXX/38 ( 158.99 KB); (2011) CCAMLR-XXX, paragraph 11.9 ; (2011) CCAMLR-XXX, paragraphs 12.52 to 12.54 ; (2012) CCAMLR-XXXI, paragraphs 5.21, 5.25, 7.21, 7.37, 7.57 and 7.58 ;	Under consideration.

Recommendation	Responsible body	Activities to date	Status
		(2012)CCAMLR-XXXI/10 ( 167.32 KB); (2012)SC-CAMLR-XXXI, paragraph 3.122; (2012)CCAMLR-XXXI, Annex 6, paragraphs 2.81 and 9.1; (2013)CCAMLR-XXXII, paragraphs 7.100 to 7.106; (2013)CCAMLR-XXXII/25 ( 129.78 KB); (2014)CCAMLR-XXXIII; paragraphs 5.34, 5.35 and 7.78; (2014)CCAMLR-XXXIII, Annex 6, paragraph 91; (2015)CCAMLR-XXXIV, paragraphs 5.30 and 5.31; (2015)SC-CAMLR-XXXIV, paragraphs 3.175 to 3.177; (2016)CCAMLR-XXXV, paragraph 5.49; (2016)CCAMLR-XXXV, Annex 6, paragraph 96(i) (2016)SC-CAMLR-XXXV, paragraph 3.192.	
3.6.2.1 CCAMLR should establish a small group of experts to explore and report on the advantages and disadvantages (including cost and feasibility) of approaches and actions to prevent or eliminate excess fishing capacity, and review and adopt	Commission	See above.	SCIC – not yet considered.

Recommendation	Responsible body	Activities to date	Status
appropriate approaches and actions as a matter of urgency. The options explored should include: 1. arrangements to constrain capacity using additional input controls (e.g. limit vessel numbers, days fished, access to particular areas etc.) and significantly increase spending on surveillance and enforcement activities to monitor these additional controls; 2. a system of annual tradable units of quota with a very clear understanding that they bestow no ongoing rights and will be reallocated for each successive fishing period.			
3.6.3.1 CCAMLR should review the information available to it through current notification and	Commission	New and exploratory and krill fishery notifications (www.ccamlr.org/en/fishery- 	SCIC – not yet considered.

Recommendation	Responsible body	Activities to date	Status
reporting processes for adequacy in determining fishing capacity and effective effort. CCAMLR should consider and select the most appropriate measures for its management of fishing capacity, and introduce the relevant monitoring and reporting arrangements to support ongoing management of fishing capacity.		notifications/notified) are annually reviewed by the Scientific Committee and its Working Groups (WG-SAM, WG-EMM and WF-FSA). Recommendations and advice in relation to notifications received is provided to the Commission. (2010)CCAMLR-XXIX, paragraph 12.38; (2011)CCAMLR-XXX, paragraphs 11.9 and 12.52; (2011)CCAMLR-XXX/38 ( 158.99 KB); (2012)CCAMLR-XXXI, paragraphs 5.21, 5.25, 7.21, 7.37, 7.57 and 7.58; (2012)CCAMLR-XXXI, Annex 6, paragraphs 2.81 and 9.1; (2012)CCAMLR-XXXI/10 ( 167.32 KB); (2012)SC-CAMLR-XXXI, paragraph 3.122; (2013)CCAMLR-XXXII, paragraphs 7.100 to 7.106; (2013)CCAMLR-XXXII/25 ( 129.78 KB); (2014)CCAMLR-XXXIII, paragraphs 5.34, 5.35 and 7.78; (2014)CCAMLR-XXXIII, Annex 6, paragraph 91; (2015)CCAMLR-XXXIV, paragraphs 5.30 and 5.31; (2015)SC-CAMLR-XXXIV, paragraphs 3.175	

Recommendation	Responsible body	Activities to date	Status
		to 3.177; (2016)CCAMLR-XXXV, paragraph 5.49; (2016)CCAMLR-XXXV, Annex 6, paragraph 96(i); (2016)SC-CAMLR-XXXV, paragraph 3.192.	
4.1.1.1 CPs should cooperate in the implementation of Conservation Measure 10-08 through their respective domestic legislation by: 1. exchanging information, as appropriate, on their draft and final legislation in respect of controls over their nationals; 2. considering reciprocal and cooperative arrangements which might enhance the effectiveness of this measure.	SCIC/ Commission	(2008)CCAMLR-XXVII, Annex 5, paragraph 7.5. Conservation Measure 10-08 (Control of Nationals) Report from Spain on its implementation of Conservation Measure 10-08; (2009)CCAMLR-XXVIII, paragraph 7.3 and (2010)CCAMLR-XXIX/BG/37 ( 425.77 KB).	Spain has submitted a report in respect of CM 10-08 (CCAMLR-XXX/BG/35 ( 1.11 MB)) Chile has submitted a report in respect of CM 10-08 (CCAMLR-XXX/BG/17 ( 81.34 KB))
4.2.2.1 CCAMLR should determine the format and minimum content of inspection reports and should set minimum timelines for their submission. Enhanced port inspection reporting would also provide a	SCIC	(2008)CCAMLR-XXVII, Annex 5, paragraphs 7.4 and 7.5. Adoption of a standard port inspection report form as part of CM 10-03; (2009)CCAMLR-XXVIII, paragraphs 8.3 to 8.8; (2009)CCAMLR-XXVIII,	SCIC - Complete

Recommendation	Responsible body	Activities to date	Status
further means of verification of the CDS in an enhanced catch reconciliation system.		Annex 5, paragraphs 2.3 to 2.9 and 2.86 (2009)CCAMLR- XXVIII/40 Rev. 1 ( 1.67 MB) and CCAMLR- XXVIII/42 ( 137.08 KB) (2015)CCAMLR-XXXIV, Annex 6, paragraphs 131 and 132; (2016)CCAMLR-XXXV, Annex 6, paragraphs 143 to 145.	
4.2.2.2 CCAMLR should develop a more comprehensive approach to port inspections by defining 'fishing vessels' to include reefer and support vessels, and widening the obligation to inspect to any fishing vessel suspected of carrying toothfish, or of having being engaged in fishing of that species in the recent past. The Commission may also wish to consider expanding inspection arrangements to cover all species harvested within the Convention Area. At present CCAMLR has no such definition of a 'fishing vessel', and the most comprehensive statement of what constitutes 'fishing' is	SCIC	(2008)CCAMLR-XXVII, Annex 5, paragraph 7.5. CM 10-03, paragraph 5 now includes a definition of fishing vessel which includes cargo, reefer and support vessels. Proposal to strengthen CM 10-03 under consideration; (2009)CCAMLR-XXVIII, paragraphs 8.3 to 8.8; (2009)CCAMLR-XXVIII, Annex 5, paragraphs 2.3 to 2.9 and 2.86; (2009)CCAMLR-XXVIII/40 Rev. 1 ( 1.67 MB) and CCAMLR-XXVIII/42 ( 137.08 KB); (2010)CCAMLR-XXIX, Annex 6, paragraph 7.3; (2011)CCAMLR-XXX, Annex 6, paragraph 2.75; (2011)CCAMLR-XXX/28 ( 174.59 KB); (2012)CCAMLR-XXXI, Annex 6, paragraph 31; (2013)CCAMLR-XXXII,	SCIC – In progress - advanced steps

Recommendation	Responsible body	Activities to date	Status
that found in paragraph X of the System of Inspection. The proposal in paragraph 2 above would not only enhance Port State inspections, but would also allow for the strengthening of other MCS provisions.		Annex 6, paragraphs 95 to 100; (2014)CCAMLR-XXXIII, Annex 6, paragraph 41; (2015)CCAMLR-XXXIV, Annex 6, paragraph 66; (2015)CCAMLR-XXXIV/36 Rev. 2 ( 1.96 MB); (2016)CCAMLR-XXV, Annex 6, paragraph 56.	
4.3.2.1 The CDS should be amended to provide for the linkage of daily catch data with DCDs and that should definitions be revised to ensure there is no ambiguity as to when and where catch can be landed or transhipped (i.e. a clear definition of both ‘in port’ and ‘at sea’). This may well require an explicit prohibition of all transhipments except under the control of an appropriate port or flag authority.	SCIC/Secretariat	(2008)CCAMLR-XXVII, Annex 5, paragraph 7.5; (2008)CCAMLR-XXVII, Annex 5, paragraphs 7.4 and 7.5 and adoption of a standard port inspection report form as part of CM 10-03; (2009)CCAMLR-XXVIII, Annex 5, paragraph 7.2; Adoption of Conservation Measure 10-09 (Transshipments); Adoption of Conservation Measure 23-07 (Daily reporting); (2012)CCAMLR-XXXI, Annex 6, paragraph 8.14; (2013)CCAMLR-XXXII, Annex 6, paragraphs 20 to 22; (2013)CCAMLR-XXXII, Annex 6, Appendix I; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 150 and 153 to 160; (2015)CCAMLR-XXXIV, paragraphs 3.66 to 3.69;	Secretariat’s implementation of Data Systems Management Review Recommendation P2 (Enterprise Data Model started in 2011) starts to address this recommendation. Secretariat’s proposal for the development of an integrated Monitoring, Control and Surveillance information management system. Linkages to USA proposal to establish Member query and reports in the E-CDS (CCAMLR-XXX/27 ( 87.27 KB))

Recommendation	Responsible body	Activities to date	Status
		(2015)CCAMLR-XXXIV, Annex 6, paragraphs 90 to 92 and 174 to 184; (2015)CCAMLR-XXXIV/27 (1014.11 KB); (2016)CCAMLR-XXXV, paragraphs 3.18 to 3.20 and 3.32 to 3.59; (2016)CCAMLR-XXXV, Annex 6, paragraphs 130 to 136 and 162 to 166 (2016)CCAMLR-XXXV/24 (1009.97 KB) and CCAMLR-XXXV/29 (974.71 KB).	
4.3.2.2 C-VMS data for all fisheries be reported directly to the Secretariat in real time.	SCIC/ Commission	(2008)CCAMLR-XXVII, Annex 5, paragraph 7.5; (2009)CCAMLR-XXVIII, Annex 5, paragraph 2.96; (2009)CCAMLR-XXVIII, Annex 5, paragraph 7.2; (2009)CCAMLR-XXVIII/36 (104.69 KB); (2010)CCAMLR-XXIX, paragraph 12.9 (2015)See CCAMLR-XXXIV, paragraphs 3.37 to 3.51; (2015)CM 10-04 (2015).	Prepare a matrix for direct VMS reporting to the Secretariat? Secretariat proposal to review the Commission's VMS (CCAMLR-XXX/BG/10 (99.14 KB))
4.3.2.3 There be unhindered access to real-time VMS data for surveillance and inspection activities (both in terms of their planning and implementation).	SCIC/ Commission	Conservation Measure 10-04, paragraphs 8 to 23 (2004)CCAMLR-XXIII, paragraph 10.8; (2004)CCAMLR-XXIII, Annex 5 paragraph 3.40; (2004)CCAMLR-XXIII/49 (45.63	USA proposal to enhance planning for inspection and enforcement (CCAMLR-XXX/26 (115.77 KB))

Recommendation	Responsible body	Activities to date	Status
		KB) and CCAMLR-XXIII/BG/12 (174.74 KB).	
4.3.2.4 CCAMLR should review the approach to inspections adopted in RFMOs so as to develop a more effective and contemporary inspection regime.	SCIC/ Commission	Proposals to consider the system of inspection have been considered in previous years. (2009)CCAMLR-XXVIII, paragraphs 8.3 to 8.8; (2009)CCAMLR-XXVIII, Annex 5, paragraphs 2.3 to 2.9 and 2.86; (2009) CCAMLR-XXVIII/40 Rev. 1 (1.67 MB) and CCAMLR-XXVIII/42 (137.08 KB); (2016)CCAMLR-XXXV, Annex 6, paragraph 145; (2016) CCAMLR-XXXV/02 (1.31 MB).	Task the Secretariat with a review keeping in mind the objectives of the CAMLR Convention in particular as they relate to the System of Inspection.
4.3.2.5 Greater use should be made of multilateral inspections employing CCAMLR-designated inspectors from two or more Members. This would not only enhance the cooperation foreseen by Article XXIV, but sharing inspection platforms would also reduce associated costs.	Commission/ Members	Joint patrol programs have been established between Australia and France. (2016)CCAMLR-XXXV, Annex 6, paragraph 140; (2016) CCAMLR-XXXV/02 (1.31 MB).	France report on illegal fishing (CCAMLR-XXX/34 (1105.85 KB)) Australia/France bilateral cooperation (CCAMLR-XXX/BG/09 (257.97 KB))
4.3.2.6 There should be consistency in management and enforcement measures	SCIC/ Commission	Proposal for enhanced VMS reporting for krill fisheries. (2014)CCAMLR-XXXIII,	EU proposal to amend Conservation Measure 10-09 regarding

Recommendation	Responsible body	Activities to date	Status
(including in the operation of the C-VMS) for finfish and other fisheries (including krill).		Annex 6, paragraphs 200 to 205; (2015)CCAMLR-XXXIV, paragraphs 3.37 to 3.51 and 8.8 to 8.10; (2015)CCAMLR-XXXIV, Annex 6, paragraphs 146 to 157; (2015)SC-CAMLR-XXXIV, Annex 7, paragraphs 3.30 to 3.32; (2016)CCAMLR-XXXV, Annex 6, paragraphs 171 to 174; (2016)CCAMLR-XXXV/26 (1.02 MB).	notification system for krill transshipment (CCAMLR-XXX/37 (79.63 KB)) Secretariat proposal to review the Commission's VMS (CCAMLR-XXX/BG/10 (99.14 KB))
4.3.2.7 The effectiveness of CCAMLR would be increased if CPs were prepared, in certain instances, to apply CCAMLR provisions to, for example, their flag vessels operating north of CCAMLR waters in the high seas, or to areas subject to their jurisdiction. Alternatively, CCAMLR could consider tackling this issue through agreements (e.g. MOUs) to achieve similar outcomes.	Members/ SCIC/ Commission	(2009)CCAMLR-XXVIII, Annex 5, paragraph 7.5 – paper submitted by France relating to an evaluation of the conformity of French law and practice with CCAMLR CMs (CCAMLR-XXVIII/34 (403.68 KB)). MOUs between CCAMLR and other organisations: ACAP WCPFC Exchange information with SEAFO; See 6.4.1.2.	Task the Secretariat to review and report on existing MoUs. Consider future cooperation with SPRFMO. Secretariat to write to CCSBT regarding their consideration of a MoU with CCAMLR.
4.4.1.1 The various reporting mechanisms within CMs, in relation to infringements, should be reviewed to ensure that the	SCIC/ Commission	The work of DOCEP has facilitated a review CM 31-02 (General measure for the closure of fisheries) (2010)CCAMLR-XXIX,	SCIC – In progress - advanced steps

Recommendation	Responsible body	Activities to date	Status
mechanisms of reporting are clear, concise and consistent between measures.		Annex 6, paragraphs 2.39 to 2.45; (2010)CCAMLR-XXIX/17 (187.33 KB); (2011)CCAMLR-XXX, Annex 6, paragraphs 2.48 to 2.54; (2011)CCAMLR-XXX/31 (242.94 KB); (2012)CCAMLR-XXXI, paragraph 7.26; (2012)CCAMLR-XXXI, Annex 6, paragraphs 3.1 to 3.3; (2012)CCAMLR-XXXI/29 (167.79 KB); (2013)CCAMLR-XXXII, paragraphs 3.9 to 3.14; (2013)CCAMLR-XXXII, Annex 6, paragraphs 62 to 29 (2013)CCAMLR-XXXII/BG/07 (657.44 KB); (2014)CCAMLR-XXXIII, paragraphs 3.2 to 3.21; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 150 and 153 to 160; (2015)CCAMLR-XXXIV, paragraphs 3.5 to 3.18; (2015)CCAMLR-XXXIV, Annex 6, paragraph 90 to 92; (2016)CCAMLR-XXXV, paragraph 3.2; (2016)CCAMLR-XXXV, Annex 6, paragraphs 130 to 136.	
4.4.1.2 In respect of legal sanctions, reports should provide a link,	Members	Some Members already complying	Commission – In progress, early steps

Recommendation	Responsible body	Activities to date	Status
preferably by electronic means, to the findings of the court (or equivalent) giving details of the penalty and sanction imposed. Such details should be archived by the Secretariat. Readily available information on CPs' domestic legislation would further aide transparency.			
4.4.1.3 CCAMLR should create a 'library' within the Secretariat of relevant national legislation enacted by CPs. Such information should be updated as and when such domestic legislation is amended.	Commission	Website has some links to national legislation	Commission – Not yet considered
4.5.2.1 CCAMLR should review and augment (as necessary) the resources available to, and the modus operandi of, SCIC to ensure it is able to function effectively.	Commission	Interpretation provided for SCIC. Enlarged meeting area provided for SCIC. (2011)CCAMLR-XXX, paragraphs 15.13 to 15.15; (2011)CCAMLR-XXX, Annex 6, paragraphs 7.6 to 7.8; (2011)CCAMLR-XXX/32 ( 298.09 KB); (2012)CCAMLR-XXXI, paragraph 13.9; (2013)CCAMLR-XXXII, paragraphs 3.29 to 3.31 and 12.8;	Commission - Complete

Recommendation	Responsible body	Activities to date	Status
		(2013)CCAMLR-XXXII, Annex 6, paragraph 215.	
4.5.2.2 CCAMLR should review the format, consistency and timing of reports necessary to monitor compliance and detect and deter non-compliance (e.g. catch data, CDS, C-VMS and port inspection reports).	SCIC/ Commission	CM 23-07 (Daily catch and effort reporting) CM 10-05 (Mandatory E-CDS reporting) (2009)CCAMLR-XXVIII, paragraphs 2.3, 3.19 and 8.37 to 8.39; (2009)CCAMLR-XXVIII, Annex 5, paragraphs 2.58 to 2.67 (2009)CCAMLR-XXVIII, Annex 6; (2009)CCAMLR-XXVIII/16 ( 230.73 KB); (2010)CCAMLR-XXIX, paragraphs 8.9 and 8.10; (2010)CCAMLR-XXIX, Annex 6, paragraphs 2.39 to 2.47; (2010)CCAMLR-XXIX/17 ( 187.33 KB); (2011)CCAMLR-XXX, paragraphs 8.7 to 8.9; (2011)CCAMLR-XXX, Annex 6, paragraphs 2.48 to 2.54; (2011)CCAMLR-XXX/31 ( 242.94 KB); (2012)CCAMLR-XXXI, paragraph 7.26; (2012)CCAMLR-XXXI, Annex 6, paragraphs 3.1 to 3.3; (2012)CCAMLR-XXXI/29 ( 167.79 KB); (2013)CCAMLR-XXXII, paragraphs 3.9 to 3.14; (2013)CCAMLR-XXXII, Annex 6, paragraphs 62	SCIC – In progress – advanced steps

Recommendation	Responsible body	Activities to date	Status
		to 139; (2013)CCAMLR-XXXII/BG/07 ( 657.44 KB); (2014)CCAMLR-XXXIII, paragraphs 3.2 to 3.21 and 7.9; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 1 to 147; (2015)CCAMLR-XXXIV, paragraphs 3.2 to 3.4 and 8.12; (2015)CCAMLR-XXXIV, Annex 6, paragraphs 1 to 87; (2016)CCAMLR-XXXV, paragraphs 3.2 and 8.1 to 8.13; (2016)CCAMLR-XXXV, Annex 6, paragraphs 2 to 71.	
4.5.2.3 In relation to Conservation Measure 10-06 and Conservation Measure 10-07, CCAMLR should review the process (including the need for consensus), timing and frequency with which vessels are added or removed from the IUU vessel list. It should also consider how this information can be more widely disseminated.	SCIC/ Commission	Proposal for the intersessional delisting of IUU vessels under consideration. The Secretariat places the IUU vessel list on a public-access page of the website and, in addition, routinely circulates IUU vessels lists to: CCSBT, CPPS, FAO, FFA, IATTC, ICCAT, IBSFC, ICES, IOC, IOTC, IPHC, IWC, NAFO, NASCO, NEAFC, NPAFC, PSC, SPRFMO and WCPFC. In addition to the paper annually tabled by the Secretariat: Implement ation Of Conservation	SCIC – In progress – early steps

Recommendation	Responsible body	Activities to date	Status
		Measures 10-06 and 10-07 Provisional Lists of IUU Vessels (2010)CCAMLR-XXIX, paragraphs 12.48, 12.60 and 12.61; (2010)CCAMLR-XXIX, Annex 6, paragraph 2.49; (2010)CCAMLR-XXIX/36 Rev. 2 ( 91.59 KB), CCAMLR-XXIX/42 ( 110.34 KB), CCAMLR-XXIX/43 ( 113.83 KB) and CCAMLR-XXIX/37 Rev. 1 ( 87.14 KB).	
4.6.1.1 E-CDS should become mandatory with immediate effect.	Commission	(2009)CCAMLR-XXVIII, paragraph 12.10; (2009)CCAMLR-XXVIII, Annex 5, paragraph 2.74; (2009)CCAMLR-XXVIII, Annex 5, paragraph 7.2(ii) – SCIC adopted a proposal to amend Conservation Measure 10-05 to making the E-CDS format a mandatory requirement.	Commission - Complete
4.6.1.2 To improve the integrity of the CDS, the scheme should commence from the point of capture (rather than shipment or transfer) and it should be integrated with catch reporting. The	SCIC/ Commission	(2013)CCAMLR-XXXII, paragraphs 3.2 to 3.5 and 7.68 to 7.70 (2013)CCAMLR-XXXII, Annex 6, paragraphs 3 to 28; (2013)CCAMLR-XXXII, Annex 6, Appendix I; (2013)CCAMLR-	Secretariat's implementation of Data Systems Management Review Recommendation P2 (Enterprise Data Model started in 2011) starts to

Recommendation	Responsible body	Activities to date	Status
task of undertaking such integration and reconciliation should be delegated to the Secretariat.		XXXII/29 Rev. 1 ( 103.23 KB); (2014)CCAMLR-XXXIII, paragraphs 3.22 to 3.33 and 7.8; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 148 to 150; (2014)CCAMLR-XXXIII/09 Rev. 1 ( 322.37 KB); (2015)CCAMLR-XXXIV, paragraphs 3.19 to 3.25; (2015)CCAMLR-XXXIV, Annex 6, paragraphs 88 to 130; (2015)CCAMLR-XXXIV/09 ( 1.04 MB); (2016)CCAMLR-XXXV, paragraphs 3.16, 8.8 and 8.9; (2016)CCAMLR-XXXV, Annex 6, paragraphs 101 to 139; (2016)See also CCAMLR-XXXV/07 ( 1.01 MB), CCAMLR-XXXV/BG/06 Rev. 1 ( 1.02 MB), and SC-CAMLR-XXXV/BG/25 Rev. 1 ( 1.69 MB).	address this recommendation. Secretariat's proposal for the development of an integrated Monitoring, Control and Surveillance information management system.
4.6.1.3 SCIC should review, and report on, the possible development and implementation of a more sophisticated chain-of-custody regime. Such a regime could augment and, in due course, might	SCIC	See above and (2012)CCAMLR-XXXI, Annex 6, paragraph 8.14; (2013)CCAMLR-XXXII, Annex 6, paragraphs 20 to 22; (2013)CCAMLR-XXXII, Annex 6, Appendix I; (2014)CCAMLR-XXXIII, Annex 6, paragraphs	Secretariat's implementation of Data Systems Management Review Recommendation P2 (Enterprise Data Model started in 2011) starts to address this recommendation.

Recommendation	Responsible body	Activities to date	Status
supersede the existing CDS.		150 and 153 to 160; (2015)CCAMLR-XXXIV, Annex 6, paragraphs 90 to 92; (2016)CCAMLR-XXXV, Annex 6, paragraphs 130 to 136.	Secretariat's proposal for the development of an integrated Monitoring, Control and Surveillance information management system.
5.1.1.1 Consensus decision-making has worked for CCAMLR over a long period of time. This is very positive but, as for any decision-making mechanism, there may have been costs associated with it. A distinction must be drawn between substantive issues and matters of implementation. While decisions possessing normative and regulatory effects must continue to be addressed on the basis of consensus, determining how such decisions were implemented could be submitted to a different procedure. Within the existing framework of the Convention, this can be achieved through: 1. the provision by CMs that decisions	Commission	Commission does have decision-making structure in place	Commission – not yet considered

Recommendation	Responsible body	Activities to date	Status
regarding their implementation will be adopted by majority rule, or that any State concerned will abstain from participating in the decision, or that these decisions are not matters of substance (hence not requiring consensus), as envisaged by Article XII.2 of the Convention; 2. in accordance with Article XIII.6 of the Convention, CCAMLR creating, as a subsidiary body, a panel composed of independent experts to deal with the determination of factual matters, such as compliance with a CM, i.e. the inclusion of a vessel on the IUU vessel list¹. The decision of such a panel would be binding. Another possibility that the			

Recommendation	Responsible body	Activities to date	Status
Commission could consider is that panel decisions would be binding unless a negative consensus is reached subsequently by CCAMLR. This procedure would follow the example of the WTO dispute settlement mechanism, which allows the political body (DSB) to cast a decision of the Appellate Body in the last resort². This means that a panel decision on the interpretation or the application of a CM would be binding, provided that CCAMLR does not decide by consensus not to accept it. This system has the advantage of been quasi-judicial, in the sense that the decision by the impartial organ will generally be binding, but it			

Recommendation	Responsible body	Activities to date	Status
would nevertheless still give the political organ (the Commission) the ability – which would likely be exceptional – to decide otherwise in the last resort. This would only be the case if the circumstances demanded it; even then consensus would be required.			
5.1.1.2 These alternatives are preferable to the triggering of procedures under Article XXV in the case of a dispute as to the implementation of a measure. The mechanism established by this article depends in the last resort on the consent of the interested States to the use of a particular means of settlement of disputes, with the real possibility that a concerned State can then block the settlement of the dispute if it does not agree to submit the			Commission – not yet considered

Recommendation	Responsible body	Activities to date	Status
matter to the ICJ or to arbitration.			
5.1.2.1 Decisions regarding the implementation of CMs can be submitted to one of the procedures envisaged in the preceding section.	Commission		Commission – not yet considered
5.1.3.1 The RP supported informal mechanisms of cooperation that are for the benefit of CCAMLR, and in conformity with the Convention and general international law. By contrast, any inter-Member States' cooperation based on reciprocity in order to pursue particular interests must be avoided, and should be condemned.	Commission		Commission - complete
5.2.1 The CCAMLR dispute settlement mechanisms appear to be unsatisfactory. There is an urgent need to take action to address this situation. In this regard, the binding procedures for dispute settlement set out in Part XV of UNCLOS could be considered by CPs in a two-fold manner:	Commission	No apparent action	Commission – not yet considered

Recommendation	Responsible body	Activities to date	Status
1. As a benchmark that should be followed for an eventual amendment of Article XXV of the Convention. This could allow for compulsory procedures entailing binding decisions to be followed if no agreement can be reached. This implies the possibility of submission of a dispute to the ICJ, the ITLOS or an arbitral tribunal, if no agreement is reached or any other means are not followed or did not produce an outcome. In the case of disagreement as to the procedure to be followed, CPs are deemed to have accepted arbitration as the residual procedure¹. Equally, Part XV of UNCLOS provides for an efficient provisional measures			

Recommendation	Responsible body	Activities to date	Status
mechanism during dispute proceedings, that protects the rights of the Parties, fish stocks and the marine environment². This mechanism should be employed or copied in any modification of the dispute settlement scheme of CCAMLR. 2. As a possibility to be used between CPs that are also Parties to UNCLOS pending an amendment to the Convention, and by those CPs with regard to NCPs being also Parties to UNCLOS whose vessels are engaged in illegal fishing in CCAMLR waters.			
5.2.2 The Annex for an Arbitral Tribunal appended to the Convention contains some particularities that should be maintained, notably	Commission	No change has been proposed	Commission – not yet considered

Recommendation	Responsible body	Activities to date	Status
with regard to other Parties' intervention in the proceedings (Articles 4 and 5 of the Annex). Given the particular nature of the obligations at stake, which are of common interest, this particularity of the system is to be commended and should be maintained.			
5.2.3 As mentioned above (Criterion 4.1.1), in matters related to the interpretation or application of CMs, the establishment of a panel constituted by independent experts as a subsidiary organ of CCAMLR, with capacity to adopt binding decisions, should be envisaged. The possibility of casting a decision by such a panel through a 'negative' consensus of CCAMLR, following the WTO dispute settlement mechanism, could also be envisaged as a possible alternative.	Commission	No formal consideration	Commission – not yet considered
6.1.1.1 The RP acknowledged CCAMLR's efforts to engage with a wide range of Observers and	Commission	SC discussions (2011) SC-CAMLR-XXX, paragraph 11.18 Remains to be formally considered	Scientific Committee - In progress

Recommendation	Responsible body	Activities to date	Status
encouraged CCAMLRL to continue its efforts to maximise its transparency and seek broader input to decision-making, particularly through the engagement of Observers at its annual meetings. Options to improve transparency with respect to the engagement of Observers might include: (a) reviewing and, as appropriate, amending the relevant Rules of Procedure of the Commission (Rules 30 to 35). More specifically, subparagraphs (b) to (e) of Rule 30 might extend the notion of participation to all Observers (rather than only to Observers held under Rule 30(a)). Such a review might also re-examine the issue of restricting attendance of Observers (Rule 33(b)), as well as the right of veto contained in Rule 34(a); (b) consideration as to the appropriate timing for Observer reports to be taken, as well as providing explicit advice to Observers on the expected nature			

Recommendation	Responsible body	Activities to date	Status
and scope of their reports.			
6.1.1.2 CCAMLR may also wish to consider aligning the Rules of Procedure of the Scientific Committee with those of the Commission with regard to the participation of Observers in restricted sessions.	Commission	(2008) SC-CAMLR-XXVII, paragraph 10.10. ; (2010)SC-CAMLR-XXIX, paragraph 15.19; (2011)SC-CAMLR-XXX, paragraphs 11.14 to 11.18; (2011)SC-CAMLR-XXX, Annex 4, paragraphs 6.4 to 6.7; (2011)SC-CAMLR-XXX, Annex 7, paragraph 10.12; (2012)SC-CAMLR-XXXI, paragraphs 15.10 and 15.11; (2013)SC-CAMLR-XXXII, paragraphs 13.6 and 13.7; (2013)SC-CAMLR-XXXII/09; (2014)SC-CAMLR-XXXIII, paragraph 13.16; (2015)SC-CAMLR-XXXIV, paragraph 13.16; (2016)not discussed.	Commission – In progress – early steps
6.1.2.1 The RP commended CCAMLR, and in particular the Secretariat, on the considerable effort that it has made to ensure that material, such as meeting reports, are made available to Members, Observers and the public in a timely manner.	Commission	By 2016, all meeting reports are available to Members on the Commission's website a few days after the Meeting in English and in all other Commission languages within a week of the conclusion of the Meeting when they are also available in the public domain. Mid-year working group	Commission - Complete

Recommendation	Responsible body	Activities to date	Status
		meeting reports are only made available in the public domain after they have been considered at the annual meeting of the Scientific Committee.	
6.1.2.2 However, this efficiency will likely deteriorate unless either (i) greater focus is made on ensuring the succinctness of meeting reports, or (ii) considerably more resources are made available to the Secretariat to enable it to continue to meet the current timelines for report production and distribution. The RP favoured the former of these two options.	Commission	(2008) SC-CAMLR-XXVII, paragraph 10.10. Timeliness of report production has significantly improved since approximately 2013. This has been achieved without additional resources being made available to the Secretariat. The scope and content of Meeting Reports has not received substantive attention in either the Scientific Committee, its Working Groups or the Commission.	Commission – In progress – advanced steps
6.1.2.3 Furthermore, the RP saw virtue in CCAMLR agreeing a more ‘streamlined’ structure for its reports (as had been done for the SCAF Report in 2002).	Commission and subsidiary bodies	See above 6.1.2.2 and 7.2.2.5 (below)	Commission – In progress - advanced steps
6.1.2.4 The RP recommended a redevelopment of the website so as to improve its utility in supporting CCAMLR’s	Commission	(2008) SC-CAMLR-XXVII, paragraph 10.10. Website redevelopment (2010) Proposal to review the Secretariat’s data management	Primary redevelopment of the website is complete. Ongoing further development of

Recommendation	Responsible body	Activities to date	Status
work and its accessibility as a tool for education and broader outreach purposes.		systems included consideration of web-based support for Secretariat services (CCAMLR-XXIX/13 ( 103.06 KB)). (2011) Independent Review of CCAMLR's Data Systems Management considered by the Scientific Committee and Commission (CCAMLR-XXX/05 ( 1.33 MB)) See, for example, CCAMLR-XXXI/BG/12 Rev. 1 ( 97.14 KB) Significant redevelopment work commenced in early 2011 and effectively resulted in a new website. In 2014, the Secretariat introduced a Meeting Server providing an environment to support CCAMLR meetings that is synchronised with the website. There was a slight decrease in the number of sessions on the CCAMLR website (145 176 in 2016 as opposed to 146 992 in 2015; – 1.24%) and the number of users (75 289 vs 78 249, –3.78%). However, visitors were spending more time on the site	additional functionality.

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		(00:04:40 vs 00:04:34, +2.31% per session). In relation to outreach, the number of followers of CCAMLR's Facebook page increased by about 1 000 to almost 15 000 followers by August 2016. The reach of posts to CCAMLR's Facebook page increased relative to 2015 routinely reaching around 1 000 people. A number of posts were seen by over 6 000 people. The availability of meeting document titles and abstracts has led to increased discoverability and document requests. In the 12 months to August 2016, 133 documents were requested.	
6.2.1.1 The RP encouraged CCAMLR to maintain its proactive approach of engaging with NCPs so as to ensure the effectiveness of its CMs, especially the CDS. The RP also reiterated its suggestions made with respect to ensuring that new Parties (or prospective Parties) are made fully aware of their obligations with	Commission	Discussed in SCIC (2009)CCAMLR-XXVIII, Annex 5, paragraph 7.3(ii)(a); (2009)CCAMLR-XXVIII/17 ( 90.95 KB) and CCAMLR-XXVIII/38 ( 120.58 KB); (2010)CCAMLR-XXXIX, paragraph 8.18; (2010)CCAMLR-XXXIX, Annex 5, paragraphs 4.7 to 4.13; (2010)CCAMLR-XXIX/BG/13 Rev. 2 (	Ongoing

Recommendation	Responsible body	Activities to date	Status
respect to Articles III, V (and IV.1) of the Convention.		126.28 KB); (2011)CCAMLR-XXX, Annex 6, paragraph 7.3; (2012)CCAMLR-XXXI, Annex 6, paragraph 6.1; (2013)CCAMLR-XXXII, Annex 6, paragraph 22; (2013)CCAMLR-XXXII, Annex 6, Appendix I; (2014)CCAMLR-XXXIII, paragraph 3.26; (2014)CCAMLR-XXXIII, Annex 6, paragraphs 161 to 176; (2014) CCAMLR-XXXIII/BG/14 Rev. 2 (1.555.14 KB) and CCAMLR-XXXIII/BG/16 (1.26 MB); (2015)CCAMLR-XXXIV, paragraph 3.21; (2015)CCAMLR-XXXIV, Annex 6, paragraphs 93 to 99 and 120 to 125; (2015)CCAMLR-XXXIV, Annex 6, Appendix III; (2015) CCAMLR-XXXIV/09 (1.04 MB); (2016)CCAMLR-XXXV, paragraphs 3.16 and 8.9; (2016)CCAMLR-XXXV, Annex 6, paragraphs 101 to 129; (2016) CCAMLR-XXXV/BG/13 (1.02 MB).	
6.3.1.1 CCAMLR may wish to ensure that the details of its engagement with third-	Commission	(2008) CCAMLR-XXVII, Annex 5, paragraph 7.6 ; (2009) CCAMLR-XXVIII, Annex 5, paragraph	Commission – Ongoing

Recommendation	Responsible body	Activities to date	Status
party States in respect of Article X of the Convention are, on a regular basis, formally brought to the attention of FAO and any other relevant international organisation.		7.3(ii.a) – SCIC endorsed two initiatives under the Cooperation Enhancement Program: regional training and capacity building in South Africa in 2010 and development of CDS training materials and a toothfish identification poster and fact sheet to assist NCPs. Statements to COFI on CCAMLR’s work. Participation in the biennial session of FAO’s COFI provides this opportunity as does the identification of CCAMLR Members to represent CCAMLR as observers to the meetings of other relevant international organisations.	
6.3.1.2 CCAMLR may wish to consider establishing an expert panel to examine the feasibility and likely success of a range of actions that might be taken against non-cooperating NCPs.	Commission	Consider SCIC as 'expert panel'	Commission – Ongoing
6.3.1.3 One of those options might include a formal Declaration on the applicability of Part XV of UNCLOS to [vessels of] NCPs, that			Commission – Not yet considered

Recommendation	Responsible body	Activities to date	Status
are Parties to UNCLOS, fishing within CCAMLR waters.			
6.4.1.1 In relation to Observers, CCAMLR should now critically re-examine its relationship with a range of organisations providing Observers to ensure that of the exchange of information is maximised and the working relationship with the bodies they represent is transparent, effective and dynamic.	Commission	(2008) CCAMLR-XXVII, Annex 5, paragraph 7.6 ; (2009) CCAMLR-XXVIII, Annex 5, paragraph 7.3(iii.a) – SCIC noted exchanges with several other IGOs; (2008) SC-CAMLR-XXVII, paragraph 10.10 ; (2009) SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009) SC-CAMLR-XXVIII, paragraphs 10.12 to 10.14 .	Commission – Ongoing
6.4.1.2 CCAMLR should heighten the priority of examining the need for, and concluding agreements with, other organisations to enhance its own effectiveness and pursue its objectives. Possible candidates could include SEAFO, SWIOFC, tuna RFMOs (in particular CCSBT) and environmental organisations such as ACAP and CITES.	Commission	(2009)CCAMLR-XXVIII, paragraph 15.12 in relation to ACAP; (2009)CCAMLR-XXVIII, paragraph 15.24 in relation to CCSBT; (2009)CCAMLR-XXVIII, paragraph 15.25 in respect of WCPFC; (2009)CCAMLR-XXVIII, paragraph 15.27 in relation to FAO/FIRMS; (2012)CCAMLR-XXXI, paragraph 9.16 in relation to SIOFA and SPRFMO; (2013)CCAMLR-XXXII, paragraph 9.15 renewal of arrangements with WCPFC and CCSBT; (2013)CCAMLR-XXXII, paragraphs 9.18 and	CCAMLR has established an agreement with ACAP and a cooperative arrangement with CCSBT. The Executive Secretary has written to SPRFMO and SEAFO regarding the possibility of formalising an arrangement on cooperation.

Recommendation	Responsible body	Activities to date	Status
		9.19 in relation to SPRFMO and SIOFA; (2015)CCAMLR-XXXIV, paragraph 10.19 in relation to SPRFMO; (2016)CCAMLR-XXXV, paragraph 10.21 in relation to SPRFMO; (2016)CCAMLR-XXXV, paragraphs 10.22 to 10.24 in relation to SEAFO and SIOFA.	
6.5.2.1 CCAMLR may wish to give consideration to new means for providing support to Developing States. These might include, but need not be limited to: (a) establishing a dedicated fund to support Developing States, and referencing the establishment and accessibility to such a fund in its literature and website, including the Cooperation Enhancement Program; (b) identifying current best practice and existing arrangements elsewhere, particularly within RFMOs, in relation to Developing States; (c) exploring and making available information on other funding sources to	Commission and subsidiary bodies	(2008)SC-CAMLR-XXVII, paragraph 10.10; (2009)SC-CAMLR-XXVIII/07 (106.96 KB); (2009)SC-CAMLR-XXVIII paragraphs 10.15 to 10.23; (2009)CCAMLR-XXVIII, paragraphs 16.6 to 16.13 and 16.17. African IUU capacity building workshop. (2010)CCAMLR-XXIX, paragraph 8.18; (2010)CCAMLR-XXIX, Annex 5, paragraphs 4.7 to 4.13; (2010)SC-CAMLR-XXIX, paragraphs 15.10 to 15.13; (2010)SC-CAMLR-XXIX, Annex 9 – endorsement of the CCAMLR Scientific Scholarship Scheme (participation not limited to developing States). (2010)CCAMLR-XXIX/09 (98.36 KB); (2011)CCAMLR-XXX,	The Commission considered this recommendation at CCAMLR-XXX (CCAMLR-XXX, Annex 5, paragraph 30). No additional work in relation to this matter was identified.

Recommendation	Responsible body	Activities to date	Status
assist Developing States who wish to engage with CCAMLR.		Annex 4, paragraph 30; (2011)CCAMLR-XXX, Annex 5, paragraphs 4.15 to 4.18; (2011) CCAMLR-XXX/28 (174.59 KB) and CCAMLR-XXX/33 (233.63 KB) further workshops Secretariat review of new and exploratory fisheries application fees CCAMLR-XXX/07 (375.28 KB); (2012)CCAMLR-XXXI, paragraph 8.15; (2012)CCAMLR-XXXI/37 CDS capacity building in Africa.	
7.1.1.1 The RP considered that CCAMLR will increasingly come under financial pressure in pursuing the Convention's objectives. This Review has highlighted many areas which will require greater attention and financial resources over coming years. In addition, it appears that the growth in fishing operations (if not for finfish then certainly for krill) will continue. In these circumstances, the RP saw significant merit in the Commission seeking to expand its	SCAF/ Commission	(2008) CCAMLR-XXVII, paragraph 17.6 ; (2010)CCAMLR-XXIX, Annex 5, paragraphs 32 and 33; (2011) Deferred until 2012 in respect of increased new and exploratory fisheries charges; (2013)CCAMLR-XXXII, Annex 7, paragraphs 7 to 12; (2013) CCAMLR-XXXII/24 (373.24 KB); (2014)CCAMLR-XXXIII, Annex 7, paragraph 14; (2015)CCAMLR-XXXIV, Annex 7, paragraphs 7 to 27; (2015) CCAMLR-XXXIV/05 (966.42 KB) and CCAMLR-	Commission – In progress through the Intersessional Correspondence Group – Sustainable Financing (ICG-SF) established by CCAMLR-XXXI

Recommendation	Responsible body	Activities to date	Status
financial base through identifying and charging for the full cost of services which are provided for commercial fishing operations. This will require the development of a cost-recovery policy and an assessment of how this should be implemented.		XXXIV/11 ( 1 MB); (2016)CCAMLR-XXXV, Annex 7, paragraphs 5 to 23.	
7.1.1.2 The RP further recommended that: 1. CCAMLR establishes an expert group to develop a cost-recovery policy which would be applied to all commercial fishing operations; 2. the expert group be asked to review CCAMLR services and decide which services relate directly to fishing operations under the ecosystem approach to management pursued by CCAMLR (and would thus be chargeable) and which	Commission	(2008)CCAMLR-XXVII, paragraph 17.6. (2010) Krill charges rejected by SCIC hence not considered by SCAF. (2010)CCAMLR-XXIX, Annex 5, paragraph 29 relating to the establishment of an intersessional correspondence group; (2010)CCAMLR-XXIX, Annex 5, paragraphs 32 and 33 relating to cost recovery; (2010)CCAMLR-XXIX/34 Rev. 1 ( 94.32 KB); (2013)CCAMLR-XXXII, Annex 7, paragraphs 7 to 12; (2013)CCAMLR-XXXII/24 ( 373.24 KB); (2014)CCAMLR-XXXIII, Annex 7, paragraph 14; (2015)CCAMLR-XXXIV, Annex 7, paragraphs 7 to 27; (2015)CCAMLR-	This is being addressed through the ICG-SF This is being addressed through the ICG-SF

Recommendation	Responsible body	Activities to date	Status
relate to the broader conservation objectives and would continue to be funded from general funds.		XXXIV/05 (966.42 KB) and CCAMLR-XXXIV/11 (1 MB); (2016)CCAMLR-XXXV, Annex 7, paragraphs 5 to 23; (2016)CCAMLR-XXXV/10, /11 and /35.	
7.1.1.3 The RP also recommended that special consideration be given to the distinction between developing and developed States when establishing the amount of each Member's contribution to the budget. The RP was, however, conscious that such an approach might well require amendments to both the Financial Regulations, as well as to the text of the Convention itself (Article XIX.3).	Commission	(2011) CCAMLR-XXX/07 (375.28 KB) (2011)CCAMLR-XXX, Annex 5, paragraph 30.	This was subject of a paper to the 2011 meeting (CCAMLR-XXX/07 (375.28 KB)). No further action was required.
7.2.1.1 Although current resources may be sufficient to cope with CCAMLR's core operations, major new initiatives and the recommendations of this RP in such areas as Conservation and Management and Compliance and Enforcement, will inevitably have	SCAF/ Commission	(2008)CCAMLR-XXVII, paragraph 17.6. Customary practice of one-off allocations for specific tasks. Cost recovery strategy. In relation to budget growth policy, see: (2010)CCAMLR-XXIX, Annex 5, paragraph 51; (2011)CCAMLR-XXX, Annex 5, paragraph 45; (2012)CCAMLR-XXXI,	SCAF – not yet considered SCAF – complete

Recommendation	Responsible body	Activities to date	Status
additional resource implications. This matter needs to be considered against the ongoing policy of zero real growth. There may well be instances which require additional Member contributions to meet such priorities. Alternatively, as it has become customary in recent years, it may be necessary for the Commission to identify high-priority items and then allocate additional funds for these items specifically in excess of the zero-growth threshold. Without such an approach, the RP considered that CCAMLR's capacity to address new initiatives may well be constrained.		Annex 7, paragraph 13; (2013)CCAMLR-XXXII, Annex 7, paragraph 12; (2013)CCAMLR-XXXII/24 ( 373.24 KB); (2014)CCAMLR-XXXIII, Annex 7, paragraphs 11 and 14; (2014)CCAMLR-XXXIII/12 Rev. 2 ( 74.19 KB); (2015)CCAMLR-XXXIV, Annex 7, paragraphs 7 to 27; (2015)CCAMLR-XXXIV/05 ( 966.42 KB) and CCAMLR-XXXIV/11 ( 1 MB); (2016)CCAMLR-XXXV, Annex 7, paragraphs 5 to 23; (2016)CCAMLR-XXXV/10 ( 1.13 MB), CCAMLR-XXXV/11 ( 1.02 MB) and CCAMLR-XXXV/35 ( 1.04 MB).	
7.2.1.2 The Commission should consider how it might provide enhanced support to the work undertaken by SC-CAMLR. At present there is an over-reliance on relatively few Members who undertake the relevant scientific research needed to support the work of CCAMLR. This	SCAF/SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.15 to 10.23; (2009)CCAMLR-XXVIII, paragraphs 16.6 to 16.13 and 16.17; (2009)CCAMLR-XXVIII, paragraphs 16.6 to 16.13 and 16.17;	SCAF – no action necessary SCAF requested to be kept informed of developments by the Scientific Committee. Scientific Committee – ongoing.

Recommendation	Responsible body	Activities to date	Status
situation may mean that CCAMLR's capacity to meet future research requirements will be limited. To offset this, it is recommended that CCAMLR should investigate the means to ensure a more equitable contribution to scientific research from all CCAMLR Members.		(2010)SC-CAMLR-XXIX, paragraphs 15.1 to 15.9 and 15.10 to 15.13; (2011)CCAMLR-XXX, paragraph 15.2; (2016)SC-CAMLR-XXXV/12 ( 979.13 KB) Report of the Scientific Committee Symposium; (2016)SC-CAMLR-XXXV, paragraph 11.3.	
7.2.1.3 CCAMLR Members should renew efforts to encourage their scientists to engage in SC-CAMLR and in research in the Convention Area. The adoption and implementation of a significant number of recommendations from this Review will necessarily require a substantial increase in the allocation of financial and human resources.	SCAF/SC/ Commission	(2008)SC-CAMLR-XXVII, paragraphs 10.2 and 10.10; (2009)SC-CAMLR-XXVIII/07 ( 106.96 KB); (2009)SC-CAMLR-XXVIII, paragraphs 10.15 to 10.23; (2009)CCAMLR-XXVIII, paragraphs 16.6 to 16.13 and 16.17.	SCAF – no action necessary
7.2.1.4 The Commission should consider how it might address the issue of succession planning to ensure the continuity of function and the transfer of essential institutional knowledge when senior and long-serving Secretariat staff	SCAF/ Commission	(2008)CCAMLR-XXVII, paragraph 17.6; (2009)CCAMLR-XXVIII, paragraph 3.10 and Annex 4, paragraphs 11 to 13. (2009)CCAMLR-XXVIII/08 ( 132.48 KB) included in review of strategic plan. (2011)2002 Strategic	Commission – 2012 implementation period. CCAMLR-XXXI in 2012 will receive an implementation report.

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members leave the organisation.		Plan reviewed and a new Strategic Plan adopted for the period 2012–2014. Supported by Staffing and Salary Strategy. Implemented, on a provisional basis, in 2012 (CCAMLR-XXX, Annex 5, paragraph 19). The implementation of the Staffing and Salary Strategy has been reported on to each meeting of the Commission since 2012.	
7.2.2.1 To guarantee equality, transparency and the widest participation possible at meetings, the RP recommended that the current budget assigned to translation and interpretation work must be maintained and if necessary increased.	Commission	(2008) CCAMLR-XXVII, paragraph 17.6 . (2009) CCAMLR-XXVIII, paragraphs 3.13 and 3.14, Annex 4, paragraphs 19 to 22 . (2009) CCAMLR-XXVIII/10 Rev. 1 ( 385.69 KB) (2010) CCAMLR-XXIX/08 ( 169.3 KB) COMM CIRC 10/28 SCAF Agenda Item 4 Strategic Plan Review (2013) CCAMLR-XXXII, Annex 7, paragraph 9 ; (2014) CCAMLR-XXXIII, Annex 7, paragraphs 12 and 13 (2014) CCAMLR-XXXIII/05 ( 103.61 KB) and CCAMLR-XXXIII/BG/06 ( 309.45 KB);	SCAF – Completed - will consider in future as needed

Recommendation	Responsible body	Activities to date	Status
		(2015)CCAMLR-XXXIV, Annex 7, paragraph 18.	
7.2.2.2 In order to improve the administrative mechanisms of CCAMLR meetings, the RP was of the view that any duplication of work carried out by the Standing Committees and the Plenary of the Commission should be avoided.	Commission	(2011)CCAMLR-XXX/32 ( 298.09 KB) (2011)CCAMLR-XXX, paragraphs 15.13 to 15.15; (2011)CCAMLR-XXX, Annex 6, paragraph 7.6 to 7.8; (2011)CCAMLR-XXX/32 ( 298.09 KB); (2012)CCAMLR-XXXI, paragraph 13.9; (2013)CCAMLR-XXXII, paragraphs 3.29 to 3.31 and 12.8 (2013)CCAMLR-XXXII, Annex 6, paragraph 215.	SCAF – In progress – well advanced New meeting structure trialled in 2012 and 2013.
7.2.2.3 The Standing Committees of the Commission should be given increased delegation to address issues. Reports from Standing Committees should be forwarded to Plenary for endorsement on the understanding that such reports and their recommendations have been read by Commission Members. There should be a strong resistance against such reports being reviewed, or matters addressed by these reports being	Commission	(2011)CCAMLR-XXX/32 ( 298.09 KB)	SCAF – In progress – well advanced

Recommendation	Responsible body	Activities to date	Status
reopened by the Plenary in substance. This should only occur in exceptional circumstances when a Party (or Parties) specifically requests reconsideration of a specific item.			
7.2.2.4 Following the example of the ATCM's CEP, far more work on detailed or technical matters should be delegated by the Standing Committees to subsidiary groups. These may then undertake their work during intersessional periods by electronic or other means. This working method should enable a more focused approach to be undertaken by the Standing Committees at their annual meetings.	Commission	(2008)SC-CAMLR-XXVII, paragraph 10.10. SCAF-XXIX determined to work intersessionally in relation to the investment portfolio and delegated consideration of revision of financial regulations (2010)CCAMLR-XXIX, Annex 5, paragraph 23 and consideration of performance review panel recommendations to working groups. (2011)CCAMLR-XXX/32 ( 298.09 KB) (2011)CCAMLR-XXX, Annex 5, paragraph 31.	SCAF – In progress – well advanced
7.2.2.5 Discussions in the Commission's Plenary would also be improved by a more rigorous approach to report content and format. In relation to this, the RP recommended that: (i) a common format for all reports should be	Commission	See 6.1.2.3 (above)	SCAF – no action necessary

Recommendation	Responsible body	Activities to date	Status
adopted; (ii) reports should provide collective and constructive views, rather than particular views from individuals; (iii) executive summaries of conclusions and recommendations should be included; and (iv) more detailed analyses of issues should be confined to annexes.			