

**WPC Marine Opening Plenary**  
**All Streams Lead to the Ocean**  
**Friday 14 November, 11am, Southee North**

**SCRIPT - 60 minutes**

*Bob Talbot's film at the back while audience is sitting down.*

**Introduction. (6 min)**

PREZI runs ([https://prezi.com/gset75si0sk/world-parks-congress-2014/?utm\\_campaign=share&utm\\_medium=copy](https://prezi.com/gset75si0sk/world-parks-congress-2014/?utm_campaign=share&utm_medium=copy))

- Video: CI's 'Nature is Speaking' (43 secs)
- Dancers enter stage for dance performance - Honu by the Sea (3 minutes)

Carl Gustaf Lundin: "Thanks to Honu by the Sea, who came all the way from Hawai'i for this fantastic performance!"

*Carl to ask all people working on MPA networks to stand up – welcome them all and say that this Congress is about building our own networks of MPA practitioners, and this session is the kickoff to that process. Then asks to stand up: marine parks folks, international organisations, NGOs, youth....terrestrial.*

*Thank everyone and introduces the protagonists:*

"ladies and gentlemen, please welcome Dr. Russell Reichelt, Chairman of the Great Barrier Reef Marine Park Authority, and Dan Basta, Director of NOAA's Office of National Marine Sanctuaries, representing the Marine cross-cutting theme, who are going to take you on our Marine Journey and show you *how all streams lead to the Ocean* – starting with Stream 1 and Dr. Reichelt! "

*- Both come on the stage at lecterns at both ends of it. Spotlight on both. APPLAUSE*

**Stream 1 – Reaching Conservation Goals (9 min)**

RR. **"Thanks Carl, hi all and welcome to the Congress! I'd like to demonstrate that all streams indeed lead to the Ocean..."**

- Google animation starts (4:52 mins altogether).

*Globe to GBR* – (Spinning globe, focus to Australia, Rivers appear then dissolve as we close in on the GBR.)

0 – 30secs **"You can see here clearly that all streams become rivers, and rivers end up in the Ocean But let's start with one example....zoom in please....towards here, yes...Here! The Great Barrier Reef. This is something I know one thing or two about! See how many streams it has ending up in it? Well this is one of our big problems! So how do I go about dealing with the biggest" stream: Reaching**

**Conservation Goals? Here are some of the spatial tools we use as part of our integrated management approach:**

30 – 48secs (18s) *Marine Park Boundaries* – The Marine Park was created in 1975 – here you can see its boundaries. The Park covers approx. 344,400km<sup>2</sup>.

48 – 103secs (15s) *Reefs* – The Great Barrier Reef is made up of more than 3000 coral reefs, 600 continental islands, 300 coral cays and about 150 inshore mangrove islands.

103 – 121secs (17s) *Bioregions* – Reefs comprise less than 10 percent of the Park – the majority of our bioregions, shown here, are non-reefal (over 40 types) ranging from shallow inshore waters out to deep oceanic waters. We used these bioregions to conduct our rezoning in 2003.

121 – 136secs (15s) *Zoning* – ...which resulting into this! This shows our Statutory Zoning Plan which covers the entire park and provides a high level of protection for significant areas, while allowing various sustainable uses in other zones (recreational, commercial and scientific as well as traditional activities by traditional owners).

136 – 146secs (10s) *POMs* – We also use a variety of other marine spatial planning tools as additional layers to complement the zoning Plan This shows some of our Plans of Management in Cairns, Hinchinbrook and the Whitsundays.

146 – 212secs (23s) *EOTR* – We work through Partnerships with all users on the Reef. These dots show sighting recorded through our Eye on the Reef program, which allows rangers, tourism operators and the public to collect information about reef health, marine mammals and incidents. **I encourage you to have a try at being an Eye on the Reef at the Ocean + Pavilion at 1.30pm today!**

212 – 243secs (31s) *Reef Guardians* – Another program is our Reef Guardian program, which recognises the good environmental work undertaken by communities and industries to protect the GBR. It involves schools (more than 300 along the coast today!), Councils, Fishers, Farmers and Graziers.

234 – 258secs (13s) *Shipping* – This here shows our Designated Shipping Area, another of our spatial tools. We also have Compulsory Pilotage Areas, Cruise Ship transit lanes and Designated anchorages to help support shipping activities and transportation throughout the GBR.

258 – 313secs (15s) *TUMRA* – And the small boundaries here show our Traditional Use of Marine Resources Agreements, which describe how the GBR Traditional Owner groups work in partnership with the Australian and QLD governments to manage traditional use activities in their sea country.”

313 – 452secs (1min39s) *Fly from GBR to Heron Reef (Offshore Gladstone) – (Zooming in from GBR view to TSV/Burdekin, over the Cape Upstart, Gloucester Island & inshore Whitsundays, travelling down the Queensland Coast Mackay and Yeppoon and offshore Gladstone, Dive into Heron)*

**“All in all! This is some of the ways we try to reach our conservation goals, and there will be more about that for all marine reserves in the world in Stream 1! Don’t miss the session at 08:30am on Saturday on MPA networks, in particular.**

**But wait...I hear you murmur. How do we know that our goals ARE indeed reached? Especially for those you can’t go to diving in the GBR – which is the majority of people....”**

Ove: *strides on stage as Google flyover gets to Heron:* “Don’t worry Russell, I have a solution. Drag that little guy in the corner... “

- Animation transitions to video: Explore the oceans with Google Maps (58 secs)

Ove: “It is true that less than 0.1% of humanity has been diving on a coral reef let alone the Great Barrier Reef. So, why should they care about corals on things they have never experienced?

One way to help here this is to take everyone diving – virtually. As you have seen in this video, this is now possible thanks to cool 360° technology. This project is called the Catlin Seaview Survey, an initiative of the University of Queensland and Underwater Earth, which has transformed our ability to measure reef health at kilometer scales. We are already in 20 different countries and have over 600 km coral reefs recorded!

People all over the planet can visit over 30 sites along the Great Barrier Reef - and virtually dive into these habitats. It's captivating, educational and enthralling! It has the potential to change minds.

We will be showcasing this technology during tomorrow at 08:30am in as part of Stream 8’s ‘future is cool’ session, and you can learn about the education and outreach parts of the project by visiting Richard Vevers and Lorna Parry from Underwater Earth at their booth in the Dome.”

**RR: Thanks Ove. Always nice to have a handy solutions to thorny problems!**

*Ove walks off stage.*

## **Stream 2 – Responding to Climate Change (4 min).**

DB: “Climate change is affecting all of us. I’d like to share a short film by a young man from Alaska named Nelson Kanuk, who has become a leading spokesman about the ways in which climate change is affecting local people in Alaska.”

- Video: Trust Alaska featuring Nelson Kanuk (2.23 min)
- Slides: climate change (x 3)

DB: “Protected areas have a key role to play in helping us address climate change.

Slide 1: “First, they are important places to engage and educate the public about climate change. As places people care about, they make climate impacts real to visitors. And, they can make climate science relevant and understandable.”

Slide 2: “Second, they can act as sentinel sites to help us understand the impacts of climate change.”

Slide 3: “Finally, they can serve as living laboratories for adaptive management. While we can’t control climate impacts as protected area managers, we can control other impacts – thus making our sites more resilient to climate change.”

There will be sessions dedicated to climate change in MPAs tomorrow at 1.30pm and 3.30pm in Southee South”.

### **Stream 3 – Improving Health & Wellbeing (4 min)**

RR. “Agreed...that’s all the more concerning that our oceans are so important for our health and wellbeing - another stream! This one is not causing headaches, it is curing them. *(laughs)*.”

**People have great connections to the ocean, and are drawn to it - can you think of anything more relaxing than laying on your back in the ocean, listening to the waves and the seagulls...just relax in your chair, pay attention to your 5 senses, and experience....”**

➤ Video: Bernard Abeille, *Rencontre*, Baleine et contrebasses (2 mins)

RR. “Spectacular! Thanks to Bernard Abeille for his incredible performance which occurred in Marseille at IMPAC3 last year. **On this topic, don’t miss the session on ecotourism and the health of parks and communities at 8:30am on Monday in Charley Room”.**

### **Stream 4 – Supporting Human Life (7 min)**

DB. “And that’s a smooth transition to our next stream: supporting human life! Save the ocean, Feed the world, they say.”

*Charlotte Karibuhoye walks on stage:* “tell me about it Dan! I come from Senegal and for us the ocean is not just a question of leisure and boating – it’s about our very own survival..... Just watch this – it captures the issue well I think.”

➤ Video: CI Turning the Tide (3:04 mins)

DB: “There will be great sessions specifically on this topic this afternoon at 03:30pm (Blue solutions) and at 08:30am on Monday and Tuesday.”

### **Stream 5 – Reconciling Development Challenges (5 min)**

RR. “Beautiful. Thank you. This is the type of communion with nature that we humans forget because we want more, and more, and more. This is stream 5’s theme – reconciling development challenges.”

Sylvia Earle: *seated at front stands up, takes a few paces, turns around with a wireless microphone and speaks:* “Yes Russell and I think I captured this quite well in my recent

movie, which will be screened on Saturday evening at 19:30 AT THE University of Technology”.

➤ Video: Mission Blue trailer (2:24 mins)

RR. “Thanks Sylvia. And, and as you know this topic is a pretty hot one for the GBR, so I’m well placed to know it’s not an easy task. We have been working very hard in the past few years to conduct a ‘Strategic Assessment’ of the Great Barrier Reef – there is a specific session on this on Tuesday at 10.30am in the capacity development room if you want to find out more, and I will be presenting on our experience tomorrow at 1:30pm in Hall 4<sup>th</sup> N Pod.”

#### **SEQUENCE 7. Stream 6 – Governance (6 min)**

DB. ....”and you’ve had to work with other governments, the tourism and fishing industries, NGOs etc. to do that right? Well that’s out the next stream is all about: governance. But what is governance, really.”

➤ Slides: Governance definition (2).

“Well, it’s the group of institutional tools we use to govern our MPAs – the mechanisms to allow them to work. Our classic challenge in MPA governance is balancing and integrating the leadership we need from the top with the support, practical knowledge and sense of ownership we need from communities. A lot of our discussions this week will focus on these issues, including a session *on governance of the high seas at 1:30pm on Saturday in Stream 6’s room.*”

➤ **Music starts – Paul Mc Dermott song (~ 3 minutes)**

#### **SEQUENCE 8. Stream 7 – Respecting Indigenous and Traditional Knowledge and Culture (5 min)**

RR. Well that summed it up well! Thanks Paul! and yes let’s not forget that governance is not just about governments! It’s also about people, including the ones that have been there the longest and are the wisest about the environment - indigenous communities. This is something that we at the Marine Park Authority focus a lot on! Because the Reef is first and foremost ‘sea country’ for a lot of Traditional Owners in this part of Australia. They have a strong connection to their sea country and...

➤ **Didgeridoo interrupts and Yirriganydji performers enter stage (~ 4 minutes)**

#### **SEQUENCE 9. Stream 8 – Inspiring a New Generation (9 min)**

DB. “Thanks to the Yirriganydji (*pronounce: yi-ri-gan-dji*) Traditional Owners, who came all the way from Far North Queensland for the great performance! Inspiring! You can see them again tonight at the World Heritage Reception in the Ocean Pavilion. Which leads us to our last stream... stream 8: inspiring a new generation. I have great faith in the new generation - they are a very creative, dynamic bunch”.

*Introduce Oceans for Life – cross-cultural exchange for youth to be connected to the ocean and to become ocean.*

➤ Video: Ocean for Life 2013: Interconnectedness - The Sea Within Us (.

*Jessica Watson walks on stage*

JW: “yes Dan, this is something I can totally relate to. As the youngest person who sailed non-stop and unassisted around the world, I have a very strong to the ocean and I have seen some pretty incredible things during my sailing voyage”.

- *Talks about her trip, how she connects to the ocean, how it inspired her to raise awareness on the plight of the ocean.*

DB. “Wonderful. Thank you. Stream 8 can have fun playing computer games in the Ocean + Pavilion, and find out how ‘cool’ the future is at 08:30 on Saturday where the latest and coolest tech will be presented.

### **SEQUENCE 10. Conclusion (5 min).**

Carl Gustaf Lundin:

“I also want to highlight our other cross-cutting themes at the Congress

- New Social Compact – which will help us connect to diverse communities across the globe in new ways
- Capacity Development – which will give us new tools and skills to go home and do our jobs even better
- World Heritage, which celebrates some of the world’s most beautiful and treasured places.”

We look forward to learning and celebrating with you this week. And don’t forget the parties – we hope to see you tonight at the Ocean + Pavilion for the World Heritage Marine reception and on Monday night at the Maritime Museum for the Marine Reception (by invitation only). Stop by the Ocean + Pavilion, located in the Dome, for more details – you can also grab a Marine USB which has the Marine Journey and other important Marine documents.

Please note that latest updates and last minute changes on the Marine Journey will be displayed at the Ocean Pavilion, where you will be able to scan a QR Code to help you find your way around this maze! . Enjoy your Marine Journey in the coming days everyone!

- Dancers enter stage for send-off performance - Honu by the Sea (3 minutes)
- Credits on screen as everyone leaves.